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2013 Diamond Drilling Assessment Report

Goliath Gold Project

Hartman and Zealand Township

Ontario, Canada

For

Treasury Metals Inc.

UTM 532441mE 5511624mN

NAD83 Zone 15N

December 18, 2015

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TABLE OF CONTENTS

1.0	Introduction	9
2.0	Property Description and Location.....	10
3.0	Accessibility, Climate, Local Resources, Infrastructure and Physiography	14
4.0	History.....	18
4.1	Teck Exploration Ltd.	19
4.1.1	1989 to 1993 Teck Exploration Work.....	21
4.1.2	1994 to 1999 Teck-Corona Exploration Work	22
4.1.3	Underground Development and Bulk Sampling Program.....	24
4.1.4	Custom Milling of Bulk Sample	25
4.1.5	Historical Mineral Resource Estimates	26
4.2	Laramide Resources Ltd. (Laramide Property)	27
4.3	Historical Drilling.....	29
4.3.1	Teck Exploration Ltd.....	29
4.3.2	1998 Corona Gold Corporation (Jones Property/Lot).....	40
4.3.3	Laramide Resources Ltd. (Laramide Property)	41
5.0	Geological Setting and Mineralization	42
5.1	Regional Geology	42
5.2	Property Geology.....	42
5.2.1	Thunder Lake Assemblage	43
5.2.2	Thunder River Mafic Metavolcanics.....	46
5.2.3	Goliath Gold Deposit Geology	46
5.2.4	Structural Geology	49
5.3	Mineralization.....	53
6.0	Deposit Types.....	60
6.1	Pre-Orogenic Atypical Greenstone Belt Gold Model.....	61
6.2	Hybrid Deposit-Type Model of the Goliath Gold Deposit	62

7.0	Previous Work by Treasury Metals Inc.	64
7.1	Historic Core Reclamation	64
7.2	2008 Geological Mapping Program.....	66
7.3	2008 Structural Geology Study	66
7.4	2008 Exploration Trench.....	68
7.5	2008 Firefly Aeromagnetic (HRAM) Survey	70
7.6	2008 Ground Induced Polarization/Resistivity Survey.....	73
7.7	2009 Prospecting, Channel Sampling and Mapping Programs	74
7.8	2010 Ground Geophysical Surveys	78
7.9	2010 SCIP Core Testing.....	82
7.10	2010 Trenching Program.....	83
7.11	2010 Petrographic and Scanning Electron Microscope Study	86
7.12	2011 Fugro Airborne Geophysical Survey.....	87
7.13	2012 Goliath 3D Inversion Study of Aeromagnetic Survey Data	88
7.14	2012 Petrographic Study of Mineralized Drill Core.....	90
7.15	Resource Estimates Prepared for Treasury Metals Inc.	90
7.16	2011 and 2012 Metallurgical Test Work	92
7.17	Environmental Impact Statement	93
7.18	Diamond Drilling.....	95
7.18.1	2008 Diamond Drilling Program	101
7.18.2	2009 and 2010 Diamond Drilling Program	105
7.18.3	2011 and 2012 Diamond Drilling Program	108
8.0	2013 Diamond Drilling Program.....	116
9.0	Discussion	123
10.0	Recommendations.....	131
11.0	References	132
12.0	Certificates.....	140

APPENDICES (BACK OF REPORT)

Appendix 1 – Diamond Drill Hole Details

Appendix 2 – Assay Certificates

Appendix 3 – Diamond Drill Logs

Appendix 4 – Diamond Drill Hole Sections

Appendix 5 – Quality Assurance/Quality Control: Canadian Standards, Blanks and Duplicates

LIST OF TABLES

Table 1	Unpatented Mining Claim Status, Goliath Property	12
Table 2	History of Exploration Work on the Goliath (Thunder Lake) Property	20
Table 3	Historical Mineral Resource Estimates, Thunder Lake Project	26
Table 4	1990 to 1998 Teck and Teck-Corona Diamond Drilling Programs	31
Table 5	Ten Highest Teck Main Zone Gold Grade Drill Hole Intercepts.....	32
Table 6	Twenty Best Teck Drill Hole Intercepts (1.5 m & 10.0 g/t Au).....	32
Table 7	Laramide Resources Ltd. Diamond Drilling Program (Laramide Property)	41
Table 8	Thunder Lake Assemblage Rock Descriptions	45
Table 9	Thunder River Mafic Metavolcanics: Rock Descriptions	46
Table 10	Exploration Work Completed by Treasury Metals Incorporated.....	65
Table 11	Summary of Structural Features Observed on the Goliath Gold Property	68
Table 12	2008 Channel Sampling of Main Zone: Best Assay Results.....	69
Table 13	Best Iron Formation Gold and Silver Channel Sample Assays.....	70
Table 14	2008 IP Survey Targets Selected for Further Investigation.....	77
Table 15	Summary of Structures Mapped in the Main Zone Trench	86
Table 16	Best Channel Sample Assays of the 2010 Main Zone Trench	86
Table 17	Rock Samples Submitted for 2012 Petrographic Examination	91
Table 18	Samples Selected for 2012 G&T Gravity and Cyanidation Testing	92
Table 19	Environmental Permitting Work Completed by Treasury Metals Inc.	94
Table 20	Treasury Metals Inc. Diamond Drilling Program	96
Table 21	Selected Highest Gold Assay Drill Hole Intercepts.....	98
Table 22	Selected Gold Assay Drill Hole Intercepts (1.5 m & 10.0 g/t Au).....	99
Table 23	Drilling Contractors, Goliath Gold Project.....	99
Table 24	Treasury Metals Inc. 2013 Diamond Drilling Program	116

LIST OF TABLES (CONTINUED)

Table 25	Patent and Unpatented Mining Claims Drilled in 2013.....	118
Table 26	Average Drill Core Recovery and RQD.....	120
Table 27	2013 Drill Program: Significant Drill Hole Assay Intercepts	124

LIST OF FIGURES

Figure 1	Location of the Goliath Gold Project, Ontario, Canada.....	10
Figure 2	Unpatented Mining Claims (Green) and Patented Land Parcels (Purple)	11
Figure 3	Porthole/decline development access to Main Zone	25
Figure 4	Teck and Teck-Corona Diamond Drill hole Location Map.....	30
Figure 5	Regional Geology Map, Northwestern Ontario.....	43
Figure 6	Local Bedrock Geology, Goliath Gold Project, Northwestern Ontario	44
Figure 7	Geology of the Goliath Gold Deposit	48
Figure 8	BMS Core (Top Photo), MSS Core (Bottom Photo)	50
Figure 9	3D View of the Interpreted Mineralized Zones of the Goliath Gold Deposit ...	55
Figure 10	Longitudinal Section: Main Zone (Bottom), C Zone (Top)	57
Figure 11	Geological Grid Map – Goliath Gold Deposit Outlined in Red	67
Figure 12	Goliath Firefly 2008 Aeromagnetic Survey Location Map	71
Figure 13	2008 Firefly Geophysics Total Magnetic Field Intensity Map.....	72
Figure 14	Location Map of 2008 JVX Ltd. IP survey, Goliath Gold Property	73
Figure 15	2008 JVX Ltd. Chargeability (n=2) Map, Goliath Gold Property	75
Figure 16	2008 JVX Ltd. Resistivity (n=2) Map, Goliath Gold Property	76
Figure 17	Vertical Resistivity Probe and Tomography Drill Hole Locations	79
Figure 18	Mineralized vs Non-Mineralized Resistivity Response, Main Zone	81
Figure 19	Mineralized vs Non-Mineralized Resistivity Response, West Goliath.....	81
Figure 20	Geology and Structural Map of the Main Zone Trench & Channel Assays.....	84
Figure 21	3D Magnetic Susceptibility Solid Map, 350 m Elevation	89
Figure 22	Treasury Diamond Drill hole Location Map	97
Figure 24	2008 Diamond Drill Program (Goliath Gold Deposit)	102
Figure 25	2009 Diamond Drill Program (Goliath Gold Deposit)	106
Figure 26	2010 Diamond Drill Program (Goliath Gold Deposit)	107
Figure 27	2011 Diamond Drill Program (Goliath Deposit and Northeast Corridor).....	110

LIST OF FIGURES (CONTINUED)

Figure 28 2012 Diamond Drill Program (Goliath Deposit)..... 111

Figure 29 2012 Diamond Drill Program (Regional Nose Structure) 112

Figure 30 2012 Diamond Drill Program (East Drill Fence) 113

Figure 31 2013 Diamond Drill Program (Goliath Gold Deposit) 117

1.0 INTRODUCTION

Treasury Metals Inc. (“Treasury”) of Toronto completed a diamond drilling program in 2013 on the Goliath Gold Project located in the Kenora Mining Division in northwestern Ontario just east of the City of Dryden. This report has been written to summarize the results of this drill program and provides recommendations for additional work. Metric units are used throughout this document.

A total of forty-eight (48) holes were drilled during the months of January and February, 2013 for a total of 7,773 m. All of this drilling was conducted along the Goliath Gold Deposit (main Resource Area) to further test the gold potential of the C Zone high-grade gold shoot in the central part of the Goliath Deposit and to evaluate this zones gold potential along the entire strike length of the deposit. These results were incorporated into the database that was used to complete an updated NI 43-101 compliant mineral resource estimate of the deposit (Puritch et al., 2015; Dunbar and Larsen, 2015).

Treasury is a Canadian gold exploration and Development Company focused on its 100% owned Goliath Gold Project. The company has access to first-rate infrastructure and is advancing Goliath through the Canadian environmental permitting process for mining production and is working towards initiating a prefeasibility study to further evaluate the economic potential of the Goliath gold deposit in the months ahead. The company is listed on the Toronto Stock Exchange (“TSX”) and trades under the symbol (“TML”). Information regarding Treasury’s resource definition and exploration activities is available on the SEDAR website at www.sedar.com or on Company website at www.treasuremetals.com.

The reader should refer to the recently completed updated resource NI 43-101 Technical Report prepared by **P&E Mining Consultants Inc.** (“P&E”) by Puritch et al. (2015) and the 2014-2015 Exploration and Drilling Assessment report completed by Dunbar and Larsen (2015) which are both great documents that review of all of the historical work completed by Treasury and other operators on the property since 1989. Some excerpts from the technical report, which was co-written by one of the authors of this assessment report, have been inserted into this document in order to provide a comprehensive review of all of the previous exploration work.

2.0 PROPERTY DESCRIPTION AND LOCATION

The Goliath gold property is located in the Kenora Mining Division in northwestern Ontario, 20 kilometres east of the City of Dryden, 145 kilometres east of the City of Kenora, and 325 kilometres northwest of the port City of Thunder Bay (Figure 1). Goliath is centered at approximately 532441E and 5511624N using the Universal Transverse Mercator coordinate system (NAD83, Zone 15N) and situated at around latitude/longitude coordinates 49°45'22" N, 92°32'58" W. The area is covered by National Topographic System (“NTS”) map sheets 52F/09, 10, 15 and 16 with the claims located in Zealand and Hartman townships.

Figure 1 – Location of the Goliath Gold Project, Ontario, Canada



The property consists of a 137 contiguous unpatented mining claims (254 claim units covering 4,064 ha) as summarized in Table 1 and 19 patented land parcels covering around 920 hectares (Figure 2). This claim block covers a total area of around 4,984 hectares (approximately 50 km²). Further details regarding the claims, patents, surface rights, land acquisition agreements, royalties and payment obligations can be found in the recently completed technical report completed by P&E by Puritch et al. (2015).

The mining claims, all registered in Treasury’s name, are currently in good standing with sufficient reserves of \$4,315,708 (as of July 2015) to cover work requirements starting in February 26, 2016.

Figure 2 – Unpatented Mining Claims (Green) and Patented Land Parcels (Purple)

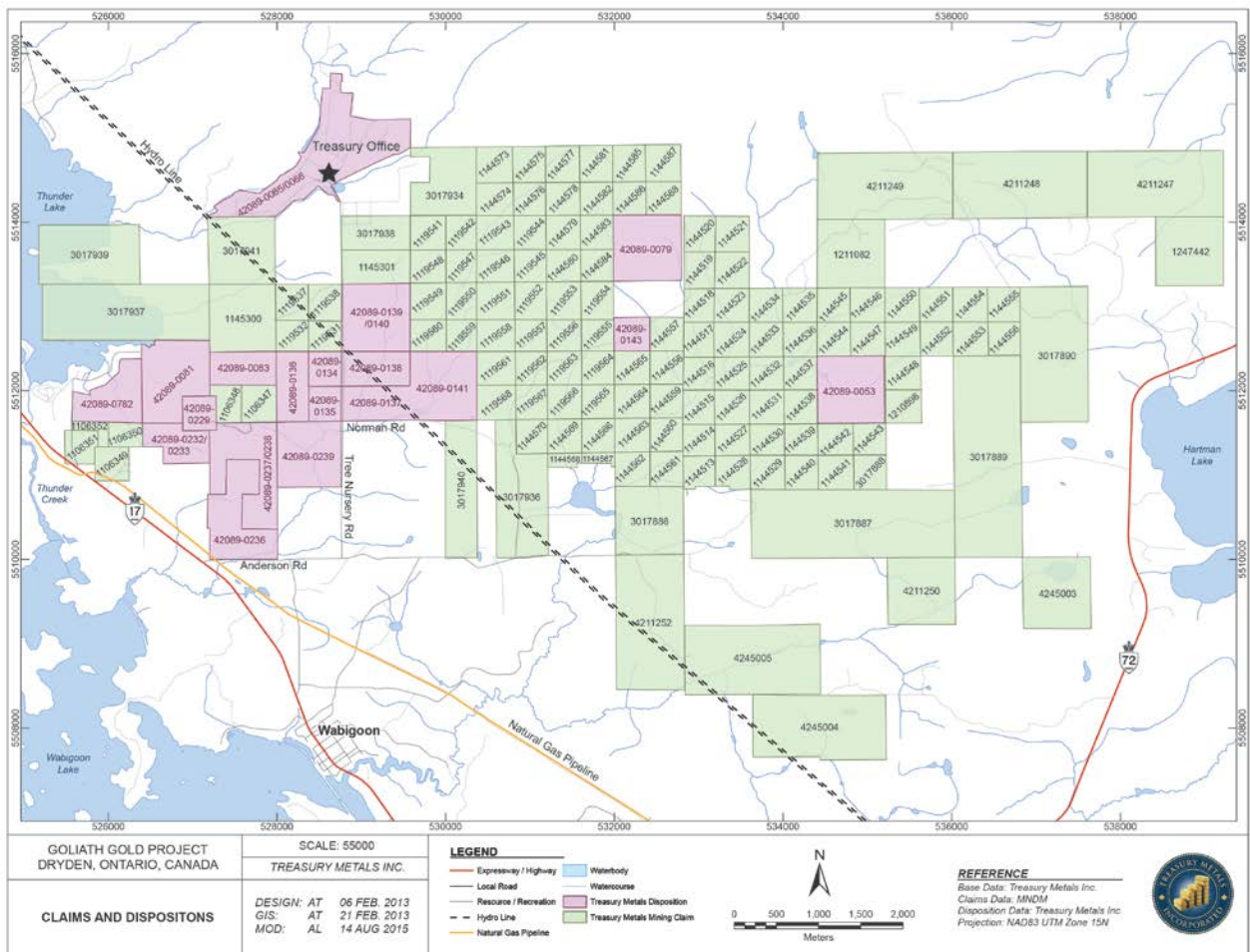


Table 1 – Unpatented Mining Claim Status, Goliath Property

Township	Claim No.	Date Recorded	Expiry Date	Units	Area	Work Required
HARTMAN	1144513	26-Feb-91	26-Feb-17	1	16	\$400
HARTMAN	1144514	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144515	26-Feb-91	26-Feb-19	1	16	\$400
HARTMAN	1144516	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144517	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144518	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144519	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144520	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144521	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144522	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144523	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144524	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144525	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144526	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144527	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144528	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144529	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144530	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144531	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144532	26-Feb-91	26-Feb-17	1	16	\$400
HARTMAN	1144533	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144534	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144535	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144536	26-Feb-91	26-Feb-17	1	16	\$400
HARTMAN	1144537	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144538	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144539	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144540	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144541	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144542	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144543	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144544	26-Feb-91	26-Feb-17	1	16	\$400
HARTMAN	1144545	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144546	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144547	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144548	26-Feb-91	26-Feb-16	1	16	\$400
HARTMAN	1144549	26-Feb-91	26-Feb-16	1	16	\$400

Table 1 – Unpatented Mining Claim Status, Goliath Property (Continued)

Township	Claim No.	Date Recorded	Expiry Date	Units	Area	Work Required
ZEALAND	1119550	26-Oct-89	26-Oct-18	1	16	\$400
ZEALAND	1119551	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119552	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119553	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119554	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119555	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119556	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119557	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119558	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119559	26-Oct-89	26-Oct-19	1	16	\$400
ZEALAND	1119560	26-Oct-89	26-Oct-18	1	16	\$400
ZEALAND	1119561	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119562	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119563	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119564	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119565	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119566	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119567	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1119568	26-Oct-89	26-Oct-16	1	16	\$400
ZEALAND	1144557	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144558	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144559	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144560	26-Feb-91	26-Feb-17	1	16	\$400
ZEALAND	1144561	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144562	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144563	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144564	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144565	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144566	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144567	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144568	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144569	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144570	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144573	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144574	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144575	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144576	26-Feb-91	26-Feb-16	1	16	\$400

Table 1 – Unpatented Mining Claim Status, Goliath Property (Continued)

Township	Claim No.	Date Recorded	Expiry Date	Units	Area	Work Required
ZEALAND	1144577	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144578	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144579	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144580	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144581	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144582	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144583	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144584	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144585	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144586	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144587	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1144588	26-Feb-91	26-Feb-16	1	16	\$400
ZEALAND	1145300	23-Jun-92	23-Jun-16	4	64	\$1,600
ZEALAND	1145301	23-Jun-92	23-Jun-16	2	32	\$800
ZEALAND	3017934	21-May-08	21-May-16	4	64	\$1,600
ZEALAND	3017936	21-May-08	21-May-16	5	80	\$2,000
ZEALAND	3017937	21-May-08	21-May-16	9	144	\$3,600
ZEALAND	3017938	26-May-08	26-May-21	2	32	\$800
ZEALAND	3017939	04-Jul-08	04-Jul-16	6	96	\$2,400
ZEALAND	3017940	10-Sep-08	10-Sep-16	4	64	\$1,600
ZEALAND	3017941	10-Oct-08	10-Oct-16	4	64	\$1,600
ZEALAND	4211252	06-Sep-07	06-Sep-16	8	128	\$3,200

3.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

Property Access

The Goliath Gold Property is located 20 km east of the City of Dryden and is accessible from the Trans-Canada Highway and by various secondary all weather gravel roads that extend north of the town of Wabigoon (Figure 2).

To access the property, drive 18 km east from Dryden on Trans-Canada Highway 17 turning east onto a gravel road called Anderson Road for a distance of 1.7 km. Then turn north on Tree Nursery Road for a distance of 1.6 km. At Norman Road, turn west for 1,100 m arriving at the property gate where the Goliath gold deposit is located. Four-wheel drive and all-terrain vehicles (ATV's) can be used to access more remote parts of the property via old logging roads and drill access trails during the summer months and through the use of snow machines in the winter. Anderson Road and Tree Nursery Road are unpaved and maintained by the local services board based in the Village of Wabigoon allowing access all year round.

Climate

The Project area is typical of a northern continental boreal climate with warm summers and cold winters. Summer temperatures can reach an average high of 23.9°C during the month of July with winter temperatures coldest during the month of January with average temperatures of -23.3°C. Mean annual precipitation at the Project site is 705 mm of which between 20% to 24% falls as snow (Treasury Metals Incorporated, 2015). Fieldwork can be completed year-round. However, geological mapping and field sampling programs are best completed between April and October. Ground geophysical and diamond drilling programs are preferred between the months of November and March during winter freezing conditions, which allows for improved access for heavy machinery such as diamond drill rigs into wet lowland areas of the Property.

Local Resources and Infrastructure

All major industrial services and supplies are available in the town of Dryden, which is the second largest city in the Kenora District of Northwestern Ontario and has a population of 7,617 people (2011 Statistics Canada Census). The local economy is based on the forestry, mixed farming and tourism industries. Domtar Incorporated, which owns the Dryden full bleach

market pulp mill, is the major employer in the area having approximately 380 direct employees and around 250 contract loggers supporting the operations. This mill ceased paper manufacturing in November, 2008 which resulted in some job losses. The Project is located about 325 km northwest of the port City of Thunder Bay, which is a major economic centre along the Trans-Canada Highway and at the northwest head of the St. Lawrence Seaway (Lake Superior). There is a small airport nearby that is serviced daily by Bearskin Airlines.

Although the closest centre of active mining operation is currently in the Red Lake area, located 155 km northwest of the Project site, northwestern Ontario generally possesses the necessary labour and infrastructure to support new exploration and mining operations.

Existing power infrastructure includes the 115 kV and 230 Hydro One M2D line that cuts diagonally across the Project property (Figure 2). Hydro One and the Independent Electricity System Operator (“IESO”) serve as the permitting and distribution contacts within Ontario. There is a main Trans-Canada natural gas (NG) pipeline that runs parallel to and north of Trans-Canada Highway 17 and crosses portions of the Property. This pipeline provides natural gas for the Dryden area which is distributed by Union Gas. However, at this time, the main Trans-Canada line does not provide gas directly to the Project site, or local home owners in the immediate vicinity. The Canadian Pacific Railway line is located approximately 2.0 km to the southwest of the property and runs parallel to Trans-Canada Highway 17 along the north shore of Wabigoon Lake.

The area surrounding the Goliath Gold Deposit consists of a mixture of abandoned homesteads and residential dwellings. Most of the properties associated with the Project have been acquired by the Company by means of private purchase agreements. Treasury currently owns 737.26 ha of land of which it holds just the “surface rights” or combined “mineral plus surface rights”. At this time, Treasury holds sufficient surface rights necessary for any potential future mining operations including tailings storage, overburden, waste and ore stockpile areas and effluent treatment and processing plants. Treasury owns three houses along Norman Road; one that is currently being rented and a second house that is being used as a pulp/reject storage facility. The third house is used to accommodate geologists and contractors while working on site and is situated 1,100 m from the locked gate to the main Goliath deposit. The former Ontario Ministry of Natural Resources and Forestry (“OMNRF”) tree nursery facility, located at the end of Tree Nursery Road just north of the deposit, was sold to Treasury in November 2010 and currently operates as the Project office and as a warehousing facility.

Physiography

The project area is located in the Ontario Canadian Shield in the Lake Wabigoon Ecoregion that is typified by extensive wetlands and boreal forests. Locally, the claim package area is covered by 62% forest, 21% water, 9% developed land, 8% wetland and <1% barren land (Treasury Metals Incorporated, 2015). This region is characterized by a range of forest types (mixed forest 25%, spruce forest 24% and coniferous forest 14% and open water 24%). Typical tree species include trembling aspen, balsam poplar, spruces, white birch and willows with some 270 vascular plant species that have been identified in the region.

Archean bedrock is overlain by a discontinuous mantle of Quaternary surficial deposits. Three main terrain types dominate the landscape: rolling glaciolacustrine plains composed of varved clay and bedrock knobs; rolling rocky uplands of bedrock which may be bare or thinly covered with patches of till and/or varved clay; and complex, moraine-like features commonly capped with beach sand and gravel. Extensive plains of glaciofluvial outwash make up almost 70% of the overburden (as sandy glacial till) overlying the Goliath Project area. Alluvial terrain is mainly organic and accounts for the abundance of peat and swampy areas in the low-lying poorly drained areas of Hartman Township (Roed, 1980; Wetherup, 2008).

Maximum relief is about 30 to 40 metres and occurs in the area of Lot 3 Concession IV of Zealand Township. The topography is typical of this portion of the Canadian Shield and is that of a dissected plateau sloping gently south and east toward Wabigoon Lake and Thunder Lake. The area is located close to the drainage divide between the two watersheds and most drainage basins are limited to fairly small streams and rivers. As a result of glacial erosion and deposition, the drainage pattern became disrupted and consequently there are numerous small lakes, ponds and swamps. The Eastern portion of the property, east of the hydro line, consists of sandy overburden of moderate thickness. Vegetation in this area consists of spruce and jack pine forest alternating with muskeg or alders in the lowland areas (Steward, 1996). As for the western portion of the property, it is relatively flat and is overlain by a veneer of varved clay ranging in thickness from 1 to 20 m in thickness. Secondary growth vegetation predominates consisting of balsam and poplar with thick undergrowth of scrub and balsam, Manitoba maple and alders (Steward, 1996). Well exposed east-west hills and outcrops are located in the south part of the property and are well exposed locally just east of Tree Nursery Road between Norman Road and the former OMNRF Tree Nursery facility. Overall, surface outcrop exposure throughout the property is limited to less than 5% of the total area.

4.0 HISTORY

The first gold mining on record in the region was in Van Horne Township in the early 1900's with very limited gold production from auriferous veining in biotite schist within the regional Wabigoon fault system. Sporadic exploration was carried out along the belt throughout the 1900's with only limited documentation of exploration activity conducted on the property.

The earliest known government report covering the larger Dryden-Sioux Lookout belt is an Ontario Department of Miners Report and geology map by Satterly (1941). Ministry of Northern Development and Mines ("MNDM") geologist Gary Beakhouse has written a number of reports covering the geology of the region and the Western Superior Province (Beakhouse 2003; Beakhouse, 2002; Beakhouse, 2001; Beakhouse 2000 and Beakhouse, 1995). Reconnaissance lake sediment geochemistry and detailed airborne geophysical surveys are also available for the Thunder Lake and surrounding areas (Hornbrook and Fisk, 1989; Ontario Geological Survey, 1987).

According to Page (1991), the first reference to exploration work conducted on the property describes an "interesting contact between amphibolite, laminated gray gneisses, and beds of mica-tourmaline schists on Sheridan Option claim SV200. There is no record of any other work on the Property until the mid-1950s. In 1956-57, **Compton-Wabigoon** conducted geological mapping, magnetometer surveys and the completion of two diamond drill holes totalling 458 m to explore the mineral potential of the major iron formation unit located in Lots 1-4, Concession V and VI along the northern boundary of the Property.

Also in 1956, **G.L. Pidgeon** completed surface work and one shallow drill hole (drilled south) testing a sphalerite showing in the south half of Lot 6, Concession IV (Fraser Option claim 0134). The showing and drill collar was located in the field by Teck but subsequent surface sampling of sphalerite-rich mineralization did not return any significant gold values (best 10 ppb). Teck determined that the drill hole attempted to test the showing down-dip on the mineralization. This showing had been previously sampled by Satterly in 1941 with similar negative results (Page, 1991).

Algoma Steel Corp. Ltd. conducted geological mapping and drilled five holes totaling 304 m from 1966 to 1968. This program was concentrated on the main iron formation focused in the same area as Compton-Wabigoon's work ten years earlier (Page, 1991). **Inco** completed ground surveys and one drill hole (52 m) in the vicinity of Teck grid coordinates L18E, 4+00E. Teck

could not locate the drill site in the field and no assays were reported in the drill log. However, the hole is located within 50 m of a strong linear (>1,000 m) VLF-EM conductor which Teck believes was the probable drill target.

Historically, three major mining companies conducted exploration work on the Property from 1989 to 1999 (last field work 1998). These are **Teck Exploration Ltd.** (“Teck”), **Corona Gold Corporation** (“Corona”) and **Laramide Resources Ltd.** (“Laramide”). At that time, the property held by all three companies covered more than 1,300 hectares. Teck held the majority of the property and all of the surface exposure of the Thunder Lake gold deposit (Goliath Gold Deposit).

The exploration history on the Property is described in a number of technical reports prepared for Treasury Metals Inc. which is summarized below (Puritch et al., 2015; Roy et al., 2012; Roy and Trinder, 2011; Roy and Trinder, 2008; Wetherup and Kelso, 2008). All of the exploration work completed from 1989 to 1998 by Teck, Corona and Laramide is summarized on Table 2. The reader is directed to Section 4.3 (Historical Drilling) for details regarding the historical diamond drilling programs.

4.1 Teck Exploration Ltd.

Major exploration and resource development work at Goliath was undertaken by Teck from 1989 to 1999 on what was then called the “Thunder Lake Property”. During this period, the Property was divided into two properties called “Thunder Lake East” and “Thunder Lake West”. The Property was optioned to Corona, previously called **Continental Caretech Corporation** (“CCC”), in which they could earn an interest in the project under terms of an initial agreement dated January 3, 1994. Corona funded the exploration work from 1994 to 1999 but Teck remained the project operator both designing and running all field exploration activities.

The total exploration expenditures spent on the property from 1989 to 1999 by Teck and Teck-Corona is approximately **\$9.7 million** (Page et. al., 1999a; Page et. al., 1999b; Page and Waqué, 1999; Page and Waqué, 1998).

Table 2 – History of Exploration Work on the Goliath (Thunder Lake) Property

Year	Company and Work Locations	Work Completed
1989	Teck Exploration Ltd. (Teck)	
	Thunder Lake West	Reconnaissance Exploration,
1990	Thunder Lake West	Line cutting (104.7 line-km), geological mapping of exploration grid
		Geological mapping and prospecting
		122 grab and chip samples collected (32 sent for whole rock)
		11 petrographic samples completed, one outcrop stripped
	Independent Exploration Services	Ground magnetic, VLF-EM survey (entire grid), 31.8 line-km I.P.
	SAGAX Geophysique Inc.	31.8 line-km of I.P.
		Diamond Drilling Program – 7 holes (TL1 to TL7) TL1 Goliath Discovery Hole
1991	Thunder Lake West	Diamond Drilling Program – 17 holes (TL8 to TL24)
1992	Thunder Lake West	Diamond Drilling Program – 22 holes (TL25 to TL37)
1993		Diamond Drilling Program – 10 holes (TC-1 to TC-10)
		Property optioned to Corona Gold Corporation (funding exploration)
1994	Teck-Corona (Teck Operator)	Diamond Drill Program – 69 holes (TL44 to TL110, 5 wedges)
		Re-logging core of previous holes, 12 Whole Rock Samples
		Re-examination of existing surface exposures.
1995		Diamond Drilling Program – 25 holes (TL-111 to TL127, 8 wedges)
		Lithogeochemical Survey (10 rock samples)
1996		Diamond Drilling Program – Re-logging 3 holes
		51 holes (TL128 to TL142, 13 wedges; TLE11 to TLE33)
		Resource Estimate Completed
		Mechanical Stripping, chip and channel sampling, mapping
		August - (1 Outcrop area, claim K1106349)
		Geological Mapping (1:5,000), 22 trenches/Sampling No. 1 Shoot (Main Zone)
		No. 1 Shoot - 200 kg Bulk Sample (Preliminary Metallurgical Testing)
		Prepared 1 st Resource Estimate*
1997		Geochemical Analyses of core and surface Samples
		Diamond Drilling Program – 65 holes (TL143 to TL206, 1 wedge)
		Baseline Environmental Studies, updated Resource Estimate*
1998		Preliminary Underground Program (No.1 and No. 2 Shoots) Designed
		Diamond Drilling Program – 71 holes (TL207 to TL277)
	J.S. Redpath Limited	Underground Development – ramp and drifting
	Lakefield Research Ltd., Stock Mine Mill	Exploration, face sampling, bulk sampling, metallurgical testing
	NAR Environmental Consultants	Porthole Remediation Work
		Updated “Inferred” Resource Estimate*
1998	Corona Gold Corporation (Jones Lot)	Diamond Drilling Program – 12 holes (Main Zone)
1999	St. Andrews Goldfields for Teck	2,226 t bulk sample sent by Teck to Stock Mill – Custom Mill Testing
	LARAMIDE PROPERTY	
1994	Laramide Resources Ltd.	Exploration Grid, Geological Mapping
		Ground Geophysics (Magnetic/IP)
1996		9 Trenches and 10 pits (mapping and sampling)
		Diamond Drilling – 8 holes (G1 to G8) testing the Main Zone at depth

*Non-NI 43-101 Compliant Mineral Resource Estimate

4.1.1 1989 to 1993 Teck Exploration Work

It wasn't until 1989 that reconnaissance exploration work by Teck, in search of Hemlo-type gold mineralization in the region as part of their "Quest Project", identified a large weakly altered felsic rock unit containing sporadic anomalous values in gold, silver, zinc and lead extending through parts of Lots 3 through 8 of Concession IV in Zealand Township.

Grab assays averaging 2.98 g/t Au, 24.7 g/t Ag, 1.20% Zn and 0.43% Pb were reported by Page (1991). Weakly altered quartz-eye felsic rock (Muscovite-Sericite Schist Unit?) returned an assay of 630 ppb Au.

This discovery was followed by land acquisition and exploratory work by Teck. The Goliath gold deposit (Main Zone) was discovered by Teck hole TL1 in the fall of 1990 which drove all of the resource definition and exploration work on the property throughout the 1990's. Hole TL1 intersected multiple horizons of gold mineralization with intersections of 1.5 g/t over 22.2 m, 0.9 g/t over 11.6 m and 17.5 g/t over 2.6 m.

In 1990, Teck completed a major exploration program consisting of establishing a 104.7 line-km exploration grid across the property, geological mapping and prospecting/sampling, completing ground magnetic, induced polarization ("I.P") and VLF-EM surveys and a seven hole diamond drilling program between May to November, 1990 (Page, 1991). The exploration grid was cut in May and June 1990 with 8.5 line-km of baseline and 96.2 line-km of cross lines at 100 m spacing's (25 m stations) cut perpendicular to the strike of the stratigraphy. The base line was run east-west along Norman Road (formally Nelson Road). Geological mapping and prospecting/sampling was then completed during the months of July and August with 122 grab and chip samples being collected. Samples were analyzed for gold and multi-elements and 32 samples were selected for whole rock litho-geochemistry. Eleven samples were submitted for petrographic analyses. A VLF-EM and magnetic survey was also completed over the entire grid by **Independent Exploration Services Limited** identifying over 130 anomalies on the property, some of which were anticipated to be graphitic in origin. A 31.8 line-km I.P. survey was also conducted by **SAGAX Geophysique Inc.** with a maximum vertical depth of around 80 m. All seven holes were drilled to test chargeability anomalies. One outcrop was stripped using a bulldozer (on line L15+80W, 2+25N).

It was determined that there was a positive correlation between gold content and the presence of sphalerite and galena but the highest gold assays were generally associated with siliceous

intervals containing only 1-3% zinc and 0.1 to 1.5% lead. At that time, visible gold was found to be extremely rare.

The whole rock geochemistry indicated that the felsic schists (muscovite-sericite schist) generally represent the altered equivalents of massive to gneissic felsic (volcanic?) rocks and are moderately enriched in silica and potassium, moderately to strongly depleted in sodium and strongly depleted in calcium and magnesium.

Drilling programs were completed in each of the next three years (1991, 1992 and 1993) with the completion of an additional 49 drill holes focused on evaluating the resource potential of the main gold deposit.

4.1.2 1994 to 1999 Teck-Corona Exploration Work

Exploration activities conducted from 1994 to 1999 consisted of seven diamond drilling programs, re-logging and sampling of previously drill holes, mechanical stripping (22 trenches), chip and channel sampling and mapping, geological mapping (1:5,000 scale), baseline environmental studies, underground development work, bulk sampling, metallurgical testing, site remediation work, custom mill testing and mineral resource estimation(s).

A suite of ten (10) lithochemical samples were collected in September, 1995 on claims 1106349 and 1106351 in the southwestern portion of the property (Page, 1995b). These consisted of six samples of meta-sedimentary rocks (biotite-quartz meta-greywackes) with minor argillite and the remaining samples consisted of amphibolite rocks interpreted to metamorphosed mafic volcanic rocks. All samples were shipped to **X-Ray Assay Laboratories** for major and trace element analyses. None of the rock samples were found to have been subjected to significant alteration as there was no evidence of Na, K, or Ca enrichment or depletions and none contained any significant gold or base metal values.

In August, 1996, some mechanical stripping and sampling was completed in the northern part of claim K1106349 East of East Thunder Lake Road to expose the source of an I.P. anomaly identified by previous Teck ground geophysical surveys (Waqué, 1996). The new exposure was chipped, channel sampled and geologically mapped. At the contact of meta-greywacke with amphibolite is two 15 cm wide sulphide mineralized zones containing 2-3% disseminated pyrite that was believed to have been the source of the I.P. anomaly. No significant gold mineralization or alteration was identified from the sampling and mapping program.

Teck completed a program of geological mapping, trenching, channel sampling and the completion of 6,596 m of diamond drilling from May 14, 1996 to November 4, 1996 (Stewart et al, 1997). This program was undertaken to better define the alteration corridor east of the resource area, to trench the Main Zone in the No. 1 Shoot area to determine controls on the gold mineralization and obtain a bulk sample, to drill test the Main Zone at depths below previous drilling and to test footwall zones by deepening selected holes.

Geological mapping at a scale of 1:5,000 was concentrated mainly in the eastern portion of the Property and 15 of the existing trenches were re-examined and chip/channel sampled. A total of 130 rock samples were collected and sent for analyses. Geological mapping and sampling identified new favourable target areas for gold mineralization in the eastern half of the Property. The geology of the area was re-interpreted and the existing geology map was updated.

A trench located on grid line L8+50W was excavated measuring 50 m long by 7.0 m wide and 3.0 to 7.0 m deep exposing the bedrock over the No. 1 Shoot. The trench was mapped and a total of 48 channel samples and two chip sampling were taken and analyzed for gold and multi-elements. A bulk sample of approximately 200 kg was also blasted from the No. 1 Shoot for preliminary metallurgical testing (Stewart et al, 1997).

A total of 115 samples from 60 drill holes were collected primarily from the Main Zone for geochemical analyses. Additional samples were also collected from surface outcrops enlarging the surface sample database to include 500 samples in total (Stewart et al, 1997). Overall, this work indicated that higher gold values correlate with increases in lead (Pb), zinc (Zn), silver (Ag), mercury (Hg), SiO₂ and SiO₂/Al₂O₃ concentrations in the Main Zone. It was also determined that zinc and lead concentrations decrease across the zone from west to east and that mercury is a good indicator to define the alteration corridor and that the alteration zone remained untested east of the deposit for an additional strike length of at least 2,800 m.

In 1997, a baseline environmental study (water, flora and fauna) was commissioned by Teck and preliminary engineering plans and cost estimates for an underground program, including permitting, was also completed. The environmental work was completed by **NAR Environmental Consultants** (Sudbury, Ontario). Initial baseline water quality and biological surveys were completed in 1997 and water sampling was continued in 1998 (Page et al., 1999b).

An underground exploration and bulk sampling program, including metallurgical testing, was completed in 1998 (see **Section 4.1.3** for details). After the underground work was completed

the porthole was sealed and the area was contoured, reseeded and fully remediated in late 1999. That same year, a custom milling testing program was also completed (see **Section 4.1.4**).

Work on the project was suspended by the end of 1999 largely due to the lower than expected gold grade and tonnage for the resource estimate and due to a downturn in the Mining Industry when gold prices dropped below US300 per ounce. The property was put on care and maintenance until economic circumstances changed to justify additional work to upgrade the inferred gold resource to possible minable reserve categories (Page et. al, 1999a).

4.1.3 Underground Development and Bulk Sampling Program

In 1998, Teck completed an underground exploration and bulk sampling program at a cost of \$1,929,071. This entire underground program, from surface site preparation through final closure plan, was completed between May 15 and September 15, 1998. This program was initiated for the following reasons (Page et. al, 1999b; Emdin, 1998):

1. to determine the nature and continuity of gold mineralization in the Main Zone;
2. to obtain a bulk sample of the Main Zone mineralization for gold and metallurgical analyses;
3. to determine what structures controlled the high grade shoots within the Main Zone by geological mapping; and
4. to establish the true grade of the gold mineralization.

The underground work contract was awarded to **J.S. Redpath Limited** of North Bay, Ontario. A 27 m long inclined trench provided a nine meter high outcrop face suitable for the construction of a portal collar. A decline was prepared at a grade of 15% with the porthole located just north of Norman Road and the north boundary of the Laramide Property (Figure 3). The decline was 4.0 m high by 4.5 m wide and approximately 275 m in length extending 25 m past the Main Zone mineralized structure (Roy et. al, 2012). A total of 220 m of drifting (3.0 m by 3.0 m cross section) was completed along the Main Zone (exposing Shoots 1 and 2) extending both east and west of the decline at an approximate vertical depth of 35 m (-38 m floor elevation) for a total of 496 m of underground development. A total of 23,035 tonnes of rock was excavated.



Figure 3 – Porthole/decline development access to Main Zone gold mineralization of the Thunder Lake Gold Deposit.

Geological mapping was undertaken of all drift, slash faces and backs and chip sampling of all drift and slash faces were completed at two elevations (Page et. al, 1999b). Muck and slash round samples were also taken and analysed for gold. A 400 tonne “take down back” (TDB) for small test-mining was also collected. Four bulk samples from the Main Zone (No. 1 and No. 2 shoots) totalling 2,375 tonnes and consisting of sampling muck, drift, slash and TDB material grading > 3.0 g/t Au were collected from the underground workings and processed through a crushing plant, reduced in volume through a sampling tower, and representative splits processed and analyzed for gold content at **Lakefield Research Ltd.** The reader is directed to the report by Emdin (1998) for more information on the bulk sampling program.

4.1.4 Custom Milling of Bulk Sample

A 2,355 tonne bulk sample was shipped to the **St. Andrews Goldfields’** mill near Timmins, Ontario for custom milling in the fall of 1999 (Jobin-Bevans, 2007). The custom milling sample returned averaged recoveries of 5.63 g/t Au and 15.28 g/t Ag as calculated by St. Andrew

Goldfields. The gold recovery was calculated at 96.83% and silver at 38.0%. According to Jobin-Bevans (2007), there was some disagreement as to the total recovery reported by St. Andrew Goldfields and at that time assays of the mill feed were being reviewed by the Corona-Teck Joint. Initial evaluation of the mill feed samples by an independent umpire apparently indicated that the number of ounces would increase but the resolution of this dispute is not known at this time.

4.1.5 Historical Mineral Resources Estimates

Four historical gold resource estimates were reported on the Thunder Lake gold deposit from 1996 to 1998 using the results from surface and annual exploration diamond drilling programs. These resource estimates have been summarized on Table 3.

Table 3 – Historical Mineral Resource Estimates, Thunder Lake Project

Year	Gold (oz)	“Inferred” Resource Estimate
1996	854,000	3.65 million tonnes grading 7.28 g/t Au
1997	853,000	3.78 million tonnes grading 7.02 g/t Au
1998	618,700	2.974 million tonnes grading 6.47 g/t Au

Note: Resources Based on cut-off grade of 3.0 g/t Au and minimum thickness of 3.0 m

Table Source: Wetherup and Kelso (2008)

The reader is cautioned that the resource estimates in Table 3 are not compliant with NI 43-101. A Qualified Person has not done sufficient work to classify the historical resource estimates as current resource estimates. Treasury is not treating the historical estimate as current mineral resources and as such they should not be relied upon.

According to Stewart (1996), all of the drilling completed to the end of February 1996 was used to prepare a preliminary “Inferred” resource estimate of the deposit totalling 2.8 million tonnes averaging 9.13 g/t Au for a total of 822,000 ounces gold (Non-NI 43-101 Compliant Resource Estimate). This resource was calculated based on 56 diamond drill holes and one wedge hole covering a strike length of 1,000 m of the deposit to a vertical depth of 500 m using a minimum horizontal thickness of 3.0 m and block cut-off grade of 3.0 g/t Au.

At the completion of the 1996 drilling campaign, an “Inferred” Resource Estimate of 3.65 million tonnes grading 7.28 g/t Au for a total of 854,000 oz gold was calculated (Table 3). In 1997, a new “Inferred” resource estimate was completed based on diamond drilling at 25 m

spacing's totalling 3.78 million tonnes grading 7.02 g/t Au for a total of 853,000 oz gold as follows (Wetherup et. al, 2007):

- Main Zone: 2.87 million tonnes, 744,000 oz Au at 2.87 g/t Au; and
- C Zone: 0.91 million tonnes, 109,000 oz Au at 3.75 g/t Au.

According to Wetherup and Kelso (2008), these resource calculations were carried out using the polygonal method (polygons obtained by half-distances between drill holes) and based on a cut-off grade of 3.0 g/t Au, a specific gravity of 2.7 gm/cm³ and a minimum thickness of 3.0 m.

A final resource estimate was prepared based on all diamond drilling and surface work, including underground bulk sampling and drilling, completed to 1998 (Table 3). The calculation included 678 underground samples and 219 diamond drill holes from within the resource area (Wetherup et al., 2007). Calculations were completed using computer generated three-dimensional solid models of the Main Zone and C Zone muscovite-sericite schist units (MSS) using blocks measuring 3.0 m (thickness) X 10.0 m (height) X 10.0 m (strike length) and the Ordinary Kriging method for grade interpolation. The new "Inferred" resource estimate prepared by Teck geologists in 1998 was 2.974 million tonnes grading at 6.47 g/t Au (approximately 618,700 oz gold). According to Wetherup and Kelso (2007), this calculation includes 2.95 million tonnes of 6.52 g/t Au present in the Main Zone and 49,000 tonnes grading 3.71 g/t Au in the C Zone.

4.2 Laramide Resources Ltd. Exploration

The gold mineralized zone established by Teck/Corona, a zone dipping 70 to 80° south, was projected to extend onto the northern part of the Laramide property at an approximate depth of 800 m below surface. During 1994, the Laramide property, then consisting of Parcels 4822 and 21553 covering an area of 109.5 hectares south of the Goliath Gold Deposit, was geologically mapped and a ground magnetic/I.P. survey was completed (Table 2). Teck/Corona's work had already established that zones associated with gold mineralization on their property were responsive to I.P. survey methods. These exploration activities have been described in detail by Hogg (2002, 1996). To facilitate this work, a north-south exploration grid was cut with a base line established along Norman Road (formally Nelson Road) and north-south oriented grid lines were cut at a line spacing of 100 meters. The baseline was established along the same road used for Tecks baseline.

The near surface ground geophysical survey completed by **Rayan Exploration Ltd.** identified three (3) zones of high to moderate chargeability:

1. The Northern property boundary anomaly;
2. The Eastern property anomaly, 250 m south of the base line; and
3. The Southern anomaly located approximately 400 m south of the base line.

In 1996, nine (9) trenches and ten (10) pits were excavated and some surface sampling was completed. Trench No. 2 and No. 4 exposed weakly mineralized zones hosted in biotite schist. In Trench No. 2, a narrow zone of quartz veined and pyritized biotite schist (BMS?) returned 480 ppb Au.

A graphitic shear identified at the contact between biotite schist and mafic volcanic rocks was mapped in Trench No. 8 explaining the high I.P. chargeability anomaly that extends across the property 400 m south of the base line. Eight (8) diamond drill holes were also completed; seven of these holes being collared along the north boundary of the property. The reader is referred to Section 4.3 (“Historical Drilling”) for a discussion of the drill program results.

According to Hogg (2002), the exploration work indicated that the degree of silicification and frequency of occurrence of gold mineralization on the property increased to the north. However, no economically significant gold grades were reported.

In June, 2002, Laramide acquired a third Parcel of land 13492 covering 57 hectares to the south giving them a contiguous land package totalling 166.5 hectares in Zealand Township. During the following period of depressed gold prices no further work was carried out although the option agreements were kept in place and claims maintained in good standing. The Teck Property was later acquired by Laramide in which Treasury was originally a subsidiary company until becoming its own publicly listing company on the Toronto Stock Exchange (“TSX”) on August 19, 2008.

4.3 Historical Drilling

4.3.1 Teck Exploration Ltd.

A total of 13 drilling campaigns were undertaken by Teck and Teck-Corona over an eight year period from 1990 to 1998. During this period, 340 diamond drill holes were completed for a total of 97,514 m of drilling (Table 4, Figure 2). Details regarding these historical drill holes are tabulated in Appendix IX of the recently completed P&E technical report (Puritch et al., 2015). The ten highest gold grade intercepts for the diamond drilling programs are presented on Table 5. Table 6 tabulates the 20 best drill hole intercepts over lengths of 1.5 m with gold assay returns of greater than 10 g/t Au.

Several different drilling companies were used including **Bradley Bros. Limited, Forage St. Lambert Ltd, Boart Longyear Inc.** and **St. Lambert Drilling Co. Ltd.** Drill core size was predominantly BQ in the early years (1990 to 1996) and late NQ. A majority of the drill logs record that the casing was left in the hole upon completion and the hole was capped. Downhole surveys for azimuth and dip were taken normally at 50 m intervals using initially Wel-Nav single shoot instruments and in the latter years using a Sperry-Sun Single Shot downhole instrument supplemented by acid tests when necessary. Usually, the first reading was taken immediately below the casing to ensure the hole was on course. Transit surveys of all drill hole casings within the resource area was completed by **W.J. Bowman Ltd.**

Upon the daily receipt of the drill core at the core shack, the core was logged, marked and tagged for assay by the geologist. The samples were then sawn in half using a Target masonry saw with a 14" diamond blade. All samples were shipped to the primary laboratory by **Gardwine** and **Porter** transport firms. The primary laboratory used was **TSL Laboratories** of Saskatoon, Saskatchewan with **XRAL Laboratories** and **Interteck Testing Services** used for assay verification work or whole rock analyses.

At this time, all historical drill core is currently in long-term storage at Treasury's core farm located on the former tree nursery site where the Company now operates its field exploration office. The core is in very poor shape and Treasury was not able to re-sample the core as part of its resource evaluation work.

The highlights of the various drilling programs completed by Teck during the 1990's have been summarized below.

Figure 4 – Teck and Teck-Corona Diamond Drill hole Location Map, Thunder Lake Property

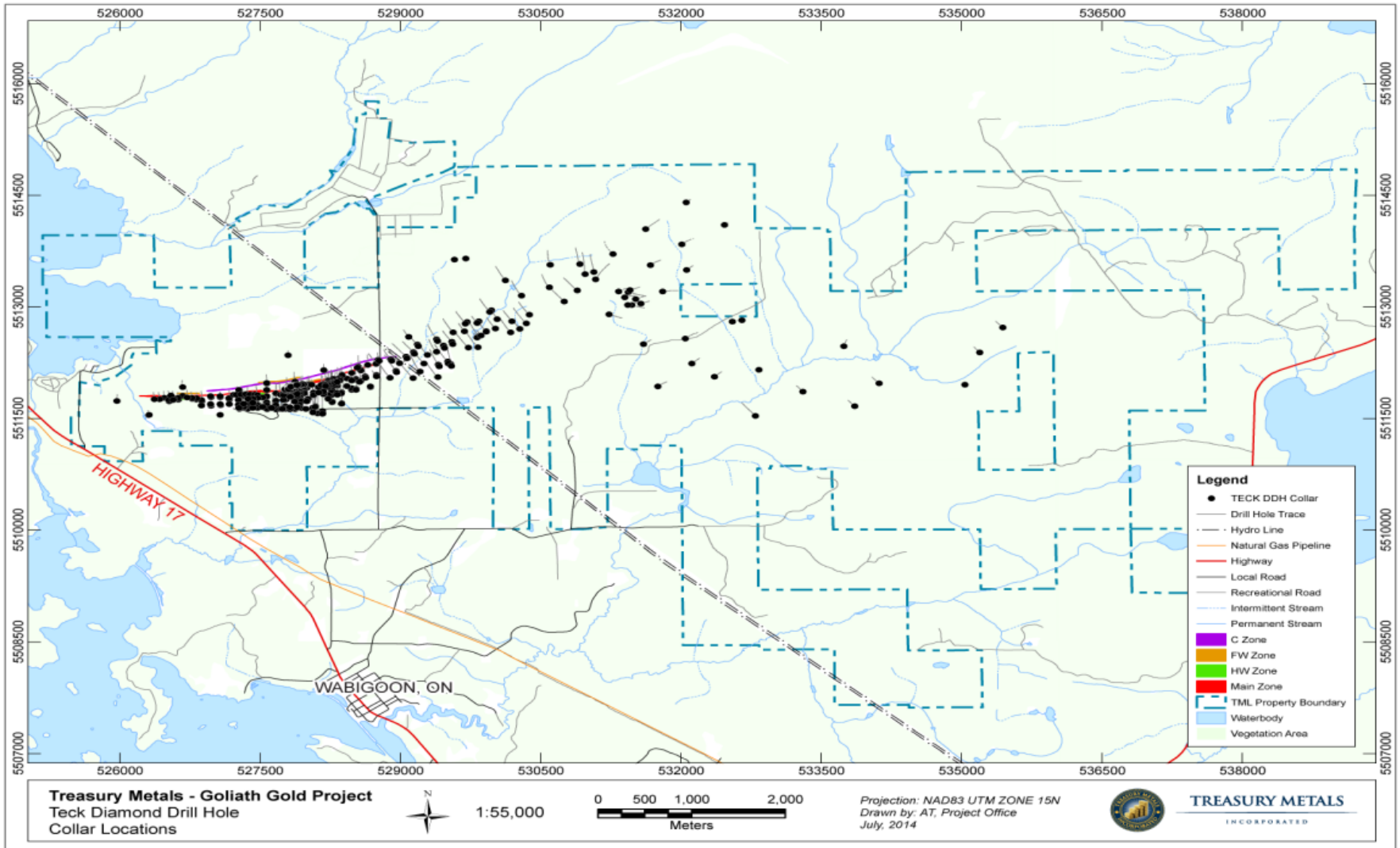


Table 4 – 1990 to 1998 Teck and Teck-Corona Diamond Drilling Programs

Drill Program	Year	Holes	Dates Drilled	Hole Numbers	Meters Drilled
1	1990	7	October 28, 1990 to November 30, 1990	TL1 to TL7	1,096
2	1991	17	April 18, 1991 to May 15, 1991	TL8 to TL24	3,368
3	1992	13	May 13, 1992 to June 30, 1992	TL25 to TL37	4,373
4	1992	9	October 16, 1992 to November 23, 1992	TL38 to TL43 TL43W1 to TL43W3	3,800
5	1993	10	August 14, 1993 to September 10, 1993	TC-1 to TC-10	1,747
6	1994	72	January 18, 1994 to November 16, 1994	TL44 to TL110 TL44W1 to TL44W3 TL88W, TL96W	15,998
7	1995	14	January 27, 1995 to February 27, 1995	TL111 to TL124	1,814
8		11	November 28, 1995 to December 25, 1995	TL125 to TL127 TL125W1, TL125W2 TL126W1 to TL126W3 TL127W1 to TL127W3	5,668
9	1996	18	January 7, 1996 to February 8, 1996	TL128 to TL132 TL128W1 to TL128W3 TL129W1 to TL129W3 TLE11 to TLE17	6,250
10	1996	33	June 12, 1996 to October 31, 1996	TL133 to TL142 TL133W1 to TL133W3 TL136W1, TL136W2 TL137W1, TL137W2 TLE18 to TLE33	14,598
11	1997	65	January 15, 1997 to December 31, 1997	TL143 to TL206 TL170W1	23,232
12	1998	6	May 19, 1998 to July 1, 1998	TL207 to TL212	2,831
13		65	September 3, 1998 to December 5, 1998	TL213 to TL277	12,739
TOTAL		340			97,514

Table 5 – Ten Highest Teck Main Zone Gold Grade Drill Hole Intercepts

Hole No.	From (m)	To (m)	g/t Au	Length
TL151	450.2	452.0	128.20	1.8
TL125	421.8	423.3	126.30	1.5
TL144	70.0	71.0	118.35	1.0
TL044	543.4	544.9	109.50	1.5
TL127W1	504.9	505.4	86.51	0.5
TL045	41.0	44.0	70.53	3.0
TL046	73.8	77.8	68.11	4.0
TL059	20.5	22.5	63.90	2.0
TL048	161.8	165.3	32.70	3.5
TL049	178.0	186.5	21.17	8.5

Table 6 – Twenty Best Teck Drill Hole Intercepts (1.5 m & 10.0 g/t Au)

Hole No.	From (m)	To (m)	g/t Au	Zone
TL151	450.50	452.00	128.20	East
TL125	421.80	423.30	126.30	Main
TL44	543.40	544.90	109.50	Main
TL0984	67.50	69.00	58.09	Main
TL118	87.20	88.70	53.24	Main
TL10100	312.00	313.50	48.99	Main
TL77	64.00	65.50	45.55	Main
TL208	532.50	534.00	45.37	Main
TL180-13RE	150.00	151.50	44.29	East
TL23	129.30	130.80	41.17	West
TL114	60.20	61.70	31.16	Main
TL129W3	466.70	468.20	26.84	Main
TL13316	157.50	159.00	25.50	C Zone
TL147	189.50	191.00	24.67	East
TL128	402.00	403.50	21.38	Main
TL1098	279.00	280.50	21.04	C Zone (?)
TL117	66.70	68.20	19.08	HW
TL0970	84.00	85.50	18.82	Main
TL0984	69.00	70.50	17.10	Main
TL73	25.00	26.50	17.00	Main

1990 to 1993 Teck Drilling Programs

Teck's very first diamond drilling program on the Thunder Lake Deposit commenced October 28, 1990 to November 30, 1990 with the completion of seven BQ holes (TL1 to TL7) totalling 1,096 m. The discovery hole (TL-1) on the Main Zone of the deposit intersected three significant zones of polymetallic disseminated sulphide mineralization containing gold (Page, 1991):

- Zone A returned 2.23 g/t Au, 18.9 g/t Au, 0.63% Zn over 6.1 m (80.0 to 86.1 m) including 5.25 g/t Au, 16.8 g/t Ag, 0.28% Zn over 1.9 m;
- Zone B intersected 0.97 g/t Au over 10.4 m (107.4 to 117.8 m) in a pyritic alteration zone; and
- Zone C assayed 7.99 g/t Au, 16.5 g/t Ag and 0.61% Zn over 6.1 m (196.7 to 202.8 m) including 17.49 g/t Au, 33.6 g/t Ag and 0.42% Zn over 2.6 m.

This hole was drilled to test a "high priority" I.P. chargeability anomaly determining that this exploration method was very useful in defining potential future drill targets within and on-strike with the Goliath Gold Deposit.

Following this discovery, much of the remaining historic exploration on the Thunder Lake Property centered on diamond drilling programs with the most drilling having been completed in the area north of the Laramide Property in the Thunder Lake West portion; there was minimal drilling on the Thunder Lake East portion in Hartman Township.

Teck completed 17 BQ diamond drill holes for a total of 3,368 m in 1991. These holes were numbered TL8 to TL24 and were completed during the months of April and May, 1991. Hole TL9 intersected an isolated high of 45.96 g/t Au over a sample length of 0.5 m (44.8 to 45.3 m) in a section of biotite-muscovite schist in the Main Zone. Holes TL21 and TL23, drilled on the same drill section, intersected three sections of high grade gold mineralization. Hole TL21 returned 10.44 g/t Au over 1.5 m of core (99.5 to 101.0 m) with an occurrence of visible gold hosted in muscovite-sericite schist of the C Zone. Hole TL23 intersected 41.17 g/t Au over 1.5 m (129.3 to 130.8 m) in a Hanging Wall Zone of meta-sedimentary rocks and 33.64 g/t Au over 2.1 m (162.1 to 162.6 m) with visible electrum in the Main Zone biotite-muscovite schist.

Two diamond drilling programs were completed in 1992 with Phase I initiated during the months of May and June and Phase two in the fall of October and November. A total of 22 BQ holes were drilled (TL25 to TL43) and three wedges were turned off of hole TL43 (TL43W1, TL43W2 and TL43W3) for a total of 8,173 m of diamond drilling. Drill hole TL39 was abandoned due to excessive flattening of the hole and restarted as new hole TL39A. The best gold assay returns are as follows:

- TL27: 16.27 g/t Au over a core length of 9.0 m (124.0 to 133.0 m) including 33.51 g/t Au and 42.5 g/t Ag over 4.0 m (129.0 to 133.0 m). Mineralization occurs in the Main Zone hosted in muscovite-sericite schist (MSS) with visible gold noted;
- TL28: 4.61 g/t Au over 6.0 m (435.4 to 441.4 m) including 12.60 g/t Au and 27.0 g/t Ag over a sample length of 1.0 m in the C Zone hosted in a MSS unit containing sphalerite, pyrite and galena mineralization; and
- T29: 10.67 g/t Au over a sample length of 8.9 m (248.4 to 257.3 m) in the Main Zone MSS unit containing visible gold, sphalerite and galena.

In 1993, 10 BQ diamond drill holes totalling 1,747 m were drilled to test a series of ground I.P. geophysical anomalies located in the extreme eastern portion of the property in Hart Township (east of UTM 532400E). The holes were numbered TC-1 to TC-10. Hole TC-6 was a failed hole ending at 135 m and no samples were taken for assay. None of the holes returned any significant gold assays (all less than 0.09 g/t Au). However, many of the I.P. anomalies were attributed to either the presence of graphite, elevated pyritized rocks or sulphide iron rich metasedimentary rocks.

1994 Teck-Corona Drill Program

In 1994 a total of 72 diamond drill holes totalling 15,998 m, including five wedge holes and 1 abandoned hole, were completed as well as re-logging and sampling of earlier drill holes, a re-examination of surface exposures and metallic screen fire assaying of most core intersections through the Main Zone (Page, 1995a). These drill holes were numbered TL44 to TL110, TL44W1 to W3, TL88W and TL96W and were drilled using both NQ and BQ size rods.

Teck completed a 4,846 m diamond drilling program from January to February 1994. A total of 34 holes were drilled of which 20 were NQ and 14 were BQ sized core numbered TL44 to TL77.

Twelve (12) samples were collected from hole TL44 and dispatched to **X-Ray Laboratories** in Don Mills, Ontario for whole rock analyses. The best gold assay intersections were obtained from the Main Zone (A Zone) and the most significant drill hole intersection was from TL49 that returned 21.2 g/t Au over a sample length of 8.5 m from 178.0 to 186.5 m. The better auriferous intersections in the Main Zone were characterized by (Page, 1994):

- quartz-sericite schist host rock;
- rocks containing 1 to 5% disseminated pyrite with local concentrations of 5-20% pyrite;
- trace to locally 3-5% disseminated and stringer sphalerite accompanied by lesser amounts of galena (trace to 2%), chalcopyrite (trace to 1%) and rare occurrences of arsenopyrite;
- intense silicification containing 5-25% total sulphides; and
- rare pinpoint to millimeter grains of native gold and electrum.

Pulp metallic screen fire assaying determined that there were significant nugget effects present in the deposit reflected in both the assay results and the observed distribution of native gold and electrum (Page, 1995a). Roughly two-thirds (64%) of the 210 samples revealed gold assay results that compared well between the 30 gm fire assay and Pulp Metallic methods. Just over one-tenth (12%) of the samples returned initial assays much larger than the pulp metallic and around one-quarter (24%) of the samples yielded pulp metallic gold assays much larger than the initial gold fire assay results. It was determined that, although more expensive, utilizing pulp metallic screen fire assaying proved to be most useful in defining the overall character and geometry of the deposit.

Highlights of gold assay returns from the remaining holes drilled in 1994 include holes:

- TL80: 3.53 g/t Au over a core length of 5.6 m (174.7 to 180.3 m) including 10.50 g/t Au over a sample length of 1.5 m (178.8 to 180.3 m);
- TL81: 5.67 g/t Au over 13.2 m (215.0 to 228.2 m);
- TL82: 18.89 g/t Au over 3.7 m (266.5 to 270.2 m);

- TL84: 3.54 g/t Au over 11.0 m (48.4 to 59.4 m);
- TL96: 3.29 g/t Au over 5.4 m (375.4 to 380.8 m); and
- TL44W3: 5.64 g/t over 7.9 m (535.5 to 543.4 m).

1995 Teck-Corona Drill Program

Fourteen (14) BQ holes totalling 1,814 m, numbered TL111 to TL124, were completed in the early part of 1995. These holes were drilled to delineate a shallow gold reserve in the “West Alteration Zone” (TL-11 to TL-117) to vertical depths of around 80 m and to partially define the west and east edges of the No. 2 Shoot to depths of -50 to -85 m (TL-119, TL-120) and west edge of the No. 1 Shoot (TL-121, TL-122 to a vertical depths of -140 m and -110 m, respectively). Holes TL-114, TL-117 and TL-118 were abandoned prematurely due to drilling difficulties (Stewart, 1995).

Hole TL-114 intersected the Main Zone returning 15.81 g/t Au over a core length of 3.0 m (60.2 to 63.2 m) and hole TL-118 returned a Hanging Wall/Main Zone intersection of 53.24 g/t Au over a core length of 1.5 m (87.2 to 88.7 m).

1996 Teck-Corona Drill Program

A winter drilling was program completed from November 1995 to February 1996. A total of eight (8) deep BQ holes, numbered TL125 to TL132, were drilled for a total of 4,142 m to test the Main Zone at a vertical depth of between 400 m and 500 m to the east and west of the No. 1 and No. 2 Shoot area (Stewart, 1996).

Drilling resulted in extending the Main Zone in the area of the “West Alteration Zone” in the main deposit to a vertical depth of around 450 m. Hole TL-129 intersected the Main Zone from 433.5 m to 474.0 m (a 40.5 m core length) with grades of up to 16.96 g/t Au over 2.0 m (452.5 to 454.5 m) and 15.47 g/t Au over a sample length of 1.0 m (470.0 to 471.0 m). The Main Zone in the area of the “East Alteration Zone” was extended to a vertical depth of approximately 500 m. Hole TL125 defined the zone over a core length of 23.9 m with the best assay of 87.15 g/t Au over a sample length of 1.5 m (421.8 to 423.3 m).

During the winter program, seven (7) BQ holes were drilled (TLE11 to TLE17) for a total of 1,126 m. These were regional exploration holes in the eastern portion of the property, an area called Thunder Creek East, to test a series of both I.P. and VLF-EM anomalies. Most of these holes encountered amphibolite, garnet amphibolite, and meta-sedimentary rocks (argillites, conglomerates, greywacke and chert-magnetic bearing iron formation). Geophysical target anomalies were attributed to the presence of graphite and elevated sulphides in the metasedimentary rocks. The best drill hole TLE15 intersected 11.60 g/t Au over a core length of 4.2 m (119.4 to 123.6 m) including 46.74 g/t Au over 1.0 m (122.6 to 123.6 m). Hole TLE16 returned 3.58 g/t Au over a sample length of 1.0 m (57.2 to 58.2 m).

A second phase of diamond drilling was completed from June to the end of October 1996. Ten NQ holes, numbered TL133 to TL142, 20 BQ wedges in 7 holes (2-3 wedges per hole) and nine (9) previous drill holes were extended for a cumulative total of 1,482 m (Stewart et al, 1997). There was also a program of partial re-logging of holes TL41, TL42 and TL59.

The most significant results of the Phase II drilling program was the intersection of high-grade gold mineralization in hole TL-141 and two additional intersections of lower grade mineralization at the eastern and depth extent of the resource areas (holes TL135 and TL136). Hole TL141 encountered two Main Zone intersections returning 3.18 g/t Au over a core length of 12.8 m (334.2 to 347.0 m) at a vertical depth of 315 m, including 25.3 g/t Au over 1.0 m (334.2 to 335.2 m) and 6.1 g/t Au over 1.0 m (342.2 to 343.2 m), and 28.87 g/t Au over a core length of 3.5 m (357.1 to 360.6 m) at a vertical depth of 330 m including 50.2 g/t Au over a sample length of 2.0 m (358.6 to 360.6 m). In addition, the East Alteration Zone was extended eastward for another 150 m and to a vertical depth of 550 m.

Sixteen (16) exploration holes (BQ) were drilled in the eastern portion of the property to follow-up the high grade gold intersection by drill hole TLE15 earlier that year and to test additional I.P. and VLF-EM anomalies as well as local stratigraphy. These holes were numbered TLE18 to TLE33 totalling 3,359 m. Drilling encountered predominantly amphibolite and metasedimentary rocks (greywacke, biotite schist, mafic schist, graphitic argillites, some iron formation and garnet-bearing metasedimentary rocks) some of which were intruded by quartz-feldspar and feldspar porphyry bodies. Hole TLE18 returned 2.38 g/t Au over 0.8 m (81.4 to 82.2 m) and hole TLE27 assayed 1.94 g/t Au over a core length of 1.0 m (168 to 169 m). In each case, gold mineralization was hosted in amphibolite rocks containing elevated sulphides including sphalerite.

1997 Teck-Corona Drill Program

A 64 hole diamond drilling program was completed between January 15, 1997 to December 31, 1997 (Page and Waqué, 1998). The holes, numbered TL143 to TL206, totalled 23,232 m of NQ drilling. Reconnaissance (step-out) drilling program following the eastern extension of the Thunder Lake alteration corridor, east of the deposit, included the completion of 13 drill holes covering 1,400 m of strike length. Drilling east of the resource area was disappointing with only geochemically anomalous gold values being intersected over significant to narrow widths. The best assay intersection was obtained from drill hole TL95 that returned 2.01 g/t Au over a core length of 1.2 m (77.9 to 79.1 m).

The majority of the drilling consisted of resource exploration and delineation of the No. 3 Shoot (formally called the “East Alteration Zone”) in the eastern resource area and the West Alteration Zone. A total of 44 new drill holes (and one wedge cut) were completed within the resource area. Nine drill holes defined the high to moderate grade portion of the No. 3 Shoot: TL144, 145, 150, 151, 174, 175, 176, 180 and TL181 (Page and Waqué, 1998). Hole TL151 returned 9.49 g/t Au over a sample length of 23.3 m (432.9 to 456.2 m) and hole TL144 intersected 11.81 g/t Au over a core length of 10.5 m (69.0 to 79.5 m).

Seven short holes drilled in the area of the No. 1 and No. 2 Shoots confirmed the presence of a “dead zone” between the shoots and erratic gold distribution within the No. 2 Shoot. Hole TL190 intersected the best gold intersection returning 26.04 g/t Au over a sample length of 2.3 m (52.2 to 54.5 m). Closely-spaced definition drilling at 12.5 m centers in the area confirmed some nugget effects in both the No. 1 and No. 2 shoots (Page and Waqué, 1998). For example, higher grade intersections in the No. 2 Shoot did not appear to correlate well beyond two or three drill holes. The No. 1 Shoot demonstrated better grade continuity both along strike and down dip.

1998 Teck-Corona Drill Program

In 1998, a total of 71 BQ diamond drill holes totalling 15,570 m numbered TL207 to TL277 were completed in a two-phased program. Previous diamond drilling programs focused on defining gold mineralization within the Main Zone alteration corridor over a strike length of about 1,800 m to vertical depths of 400 m to 500 m with only a few holes to depths of 700 m to 800 m below surface. Drilling had consisted mostly of closely-spaced (25 m centers) shallow holes for resource definition, multiple wedge cuts to evaluate nugget effects, widely-spaced

deeper drilling and reconnaissance drill holes located up to 1,500 m east of the main resource deposit (Page et al., 1999a)

The 1998 drilling program consisted of in-fill definition drilling plus reconnaissance surface diamond drilling and was completed from (1) May 19, 1998 to July 1, 1998 and (2) September 3, 1998 to December 5, 1998. Drilling was dispersed over a large area of the property and included 25 closely-spaced (25 m to 50 m centers) in-fill holes within the gold resource area, three holes in the western portion of the property, 4 deep holes and 7 shallow holes in the area adjacent (east) of the gold resource, and 21 reconnaissance to 100 m spaced in-fill holes covering an additional 2,000 m of strike length in the eastern portion of the property.

In the resource area, twenty-three (23) holes tested the No. 3 Shoot (Main Zone) and two holes tested for the up-dip extension of the C Zone. The C Zone holes (TL249 and TL251) returned only anomalous gold values. Four intersections of greater than 3.0 g/t Au over 3.0 m were returned from the No. 3 Shoot drilling (Holes TL225, TL234, TL238 and TL244). The best values obtained was from hole TL234 that returned 51.52 g/t Au over a sample length of 1.3 m (71.6 to 72.9 m) and hole TL225 intersecting 8.93 g/t Au over 2.0 m (70.5 to 72.5 m) confirming the “Inferred” gold resource in that area.

Drill holes located west and east, and less than 1,000 m along strike of the resources did not return any significant intersections. Hole TL212 returned 1.33 g/t Au over a core length of 5.5 m (219.0 to 224.5 m) in strongly altered Main Zone rocks.

Fifteen (15) holes totalling 3,737 m were drilled to test the alteration corridor over an additional 1,100 m strike length from grid line L14+00 E to L25+00E. These widely spaced reconnaissance and infill drill holes returned anomalous gold values with rare assays exceeding 3.0 g/t Au. Hole TL271 returned 17.36 g/t Au and 754.5 g/t Ag over a core length of 1.6 m from 59.2 to 60.8 m in a weakly sericitic zone containing abundant silver-rich electrum. However, two follow-up holes, drilled 25 m on either side of TL271, did not return any significant gold values in the target locations. These two holes returned best assays of less than 100 ppb Au in TL275 and 800 ppb Au over 1.0 m from 60.5 to 61.5 m in TL276. Hole TL208 contained an isolated stringer of visible gold yielding 45.37 g/t Au over a core length of 1.5 m (532.5 to 534.0 m) obtained from a zone located 40 m above what is interpreted to be the Main Zone in this area. Drill hole TL272 returned 9.47 g/t Au over a sample length of 1.1 m from 187.7 to 188.8 m.

Six holes totalling 2,013 m were also drilled in the vicinity of the regional-scale synformal fold hinge (an area called the fold nose). This program was designed to test a number of anomalous sericite schist and sulphide showings, several I.P. anomalies and interpreted structures. All drill holes in the fold nose returned multiple short intervals of anomalous gold hosted in virtually all rock types in this area usually associated with quartz veining and/or increased sulphide content. Hole TL262 returned the best gold assay intersection of 4.45 g/t Au over a sample length of 1.3 m (31.7 to 33.0 m) and hole TL264 assayed 2.42 g/t Au over 1.5 m (18.0 to 19.5 m). Teck could not define any localized structure or rock type that would have allowed focussing of alteration and mineralization in the fold nose area.

4.3.2 1998 Corona Gold Corporation (Jones Property/Lot)

Corona Gold Corporation (“Corona”) conducted a small diamond drilling program on its 100% owned Jones property (or “Lot”), land Parcel PA3830, from early October to early December 1998 (Page and Waqué, 1999). This parcel is located in the south part of Lot 8, Concession IV in Zealand Township. A total of 12 shallow NQ drill holes totalling 1,452 m were drilled at close spacing’s (50 m centers) to intercept the western Main Zone extension targeting the zone at vertical depths of 25 m to 85 m from surface. The holes were numbered TL252, TL254 to TL256, TL258 to TL261, TL263, TL273, TL274 and TL277. Drilling was undertaken to follow-up on favourable gold intersection obtained from the first-pass drill holes which covered the full strike length of the claim package. The initial nine drill holes (TL252 to TL263) tested 500 m of strike length along the Main Zone.

According to Page and Waqué (1999), the results of this drilling program were disappointing. In this area, the Main Zone is only weakly mineralized with sericitic alteration of variable intensity and silicification, quartz and sulphide veining as well as intense deformation fabrics was found to be generally lacking. Overall, the assay results from all drill holes completed during this program were consistent with the character of a weakened mineralized system. Hole TL274 intersected the best mineralization returning 4.30 g/t Au over a sample length of 2.6 m (29.0 to 31.6 m). The highest grade was returned from hole TL259 that intersected 5.81 g/t Au over a core length of 1.4 m (61.0 to 62.4 m).

It was concluded that the potential for gold mineralization decreases significantly further west of the main resource area along the Main Zone structure and it was recommended that no further work be completed on the Jones property.

4.3.3 Laramide Resources Ltd. (Laramide Property)

Eight (8) exploratory diamond drill holes totalling 1,622 m were completed on the Laramide property in October, 1996 (Hogg, 2002). These NQ holes, numbered G-1 to G-8, were all drilled due north (grid north) at a collar inclination of -45 degrees (Table 7). Details regarding these historical drill holes are tabulated in Appendix IX of the recently completed P&E technical report (Puritch et al., 2015).

Holes G-1 to G-6 were drilled on land parcel 4822, Treasury patented claims PA3900 and PA8429. Drill holes G-7 and G-8 were collared on land parcel 21553, Treasury patented claim PA9074. All holes were drilled on patented land acquired by Laramide in 1996 with seven of the holes collared along the north boundary of the property.

Table 7 – Laramide Resources Ltd. Diamond Drilling Program (Laramide Property)

Year	Holes	Hole Numbers	Dates Drilled	Meters Drilled
1998	8	G-1 to G-8	Month of October	1,622
TOTAL	8			1,622

These holes tested the depth extension of the Thunder Lake gold deposit (Goliath Gold Deposit) at vertical depths ranging from 105 m to 223 m from surface, and were collared both south of the deposit and south of Norman Road where the exploration base line had been established.

According to Hogg (2008), some narrow intersections of biotite schist (BMS?) and felsic tuff (MSS?) were reported to contain anomalous gold and silver values. Hole G-2 returned the best intersection of 675 ppb Au over a core length of 6.0 m. Anomalous gold values were also reported from the same horizon of silicified biotite schist for holes G-1 and G-3 located 100 m to the east and west of hole G-2.

Hole G-5 was collared further south to test a moderate to high chargeability ground I.P. anomaly. A weakly pyritized biotite containing possible graphitic mineralization was interpreted to be the source of the geophysical anomaly.

5.0 GEOLOGICAL SETTING AND MINERALIZATION

5.1 Regional Geology

The Goliath Gold Project is located in the Eagle-Wabigoon-Manitou greenstone belt situated in the Wabigoon Subprovince of the Archean Age Superior Province (Figure 5). This belt is situated in a 150 kilometer-wide volcano-plutonic domain with an exposed strike extent of 700 km and extends an unknown distance beneath Palaeozoic strata at either end (Beakhouse et al., 1995). It is part of the Warclub Group sediments and volcanic rocks which hosts the world-class Hemlo Gold Deposit.

South of the Property, and just north of the Village of Wabigoon, is the “Wabigoon Fault” which is a major regional fault structure (Figure 5). It separates a northern domain, characterized by generally southward-facing alternating panels of metavolcanic and metasedimentary rocks, from a southern domain of generally northward-facing metavolcanic rocks (Beakhouse, 2000).

The greenstone belt is a volcano-plutonic complex and is one of the four-types of lithotectonic domains within the Superior Province intruded by syn-volcanic to post-tectonic granitoid plutons. The magmatic components of the greenstone belts include ultramafic to intermediate volcanics and more felsic volcanic and pyroclastic. The sedimentary component of greenstone belts includes both clastic and chemical deposits. Plutonic rocks in these domains include synvolcanic tonalitic, quartz dioritic and granodioritic plutons, the emplacement of which is thought to have deformed the greenstone belts into arc forms. Metamorphic grade is generally green schist or sub-green schist grade except for narrow belts or the margins of larger belts which commonly display mineral assemblages typical of low-pressure amphibolite grade rocks (Percival and Easton, 2007a and 2007b).

5.2 Property Geology

The earliest descriptions of the local geology were carried out by Satterly (1941) for the Ontario Department of Mines. These were later expanded with the updating of geological maps by the Ontario Geological Survey from 1995 to 2002 (Beakhouse, 2002; Beakhouse, 2001; Beakhouse, 2000; Beakhouse et. al., 1995). A detailed geology map covering Zealand Township was published by Beakhouse and Pigeon (2003). Geology maps and descriptions of Laval and Hartman Townships were completed by Berger (1990).

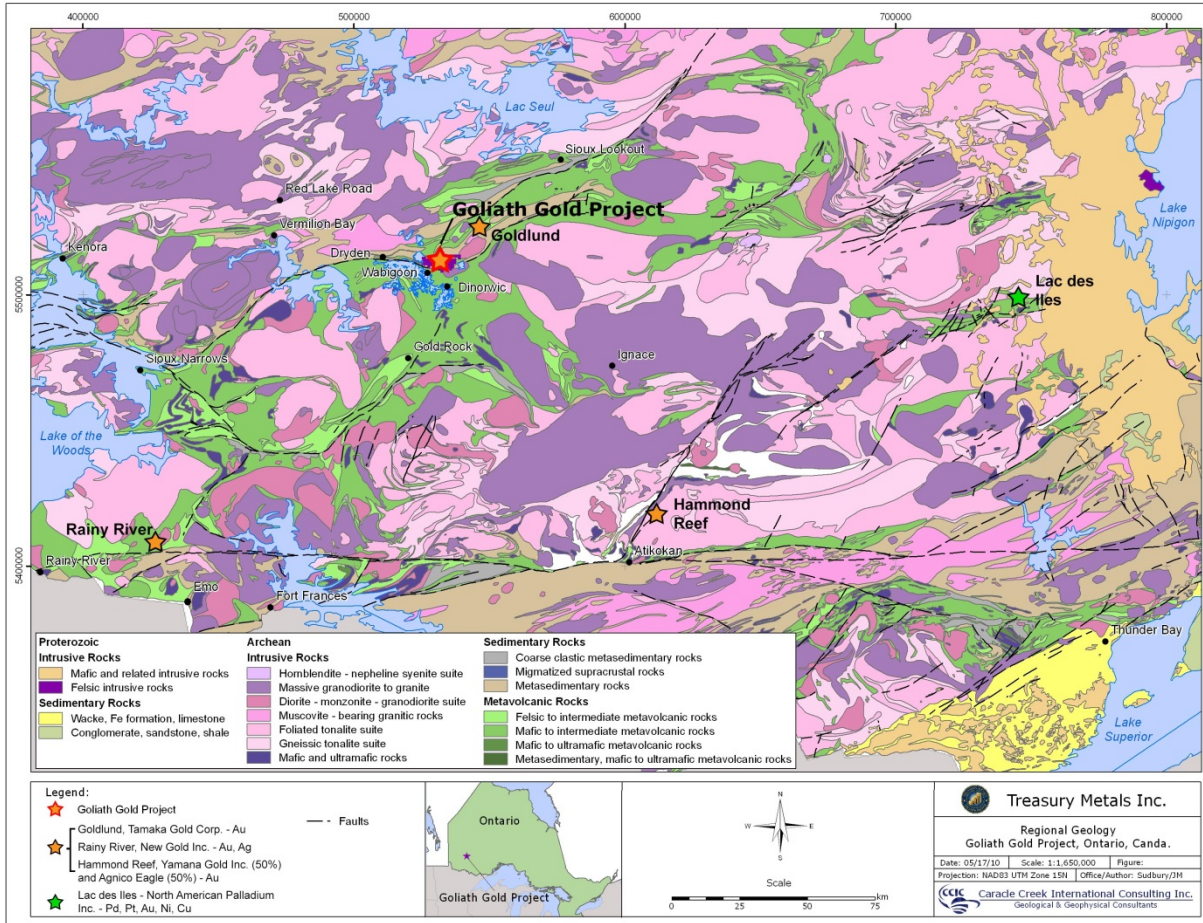


Figure 5 – Regional Geology Map, Northwestern Ontario

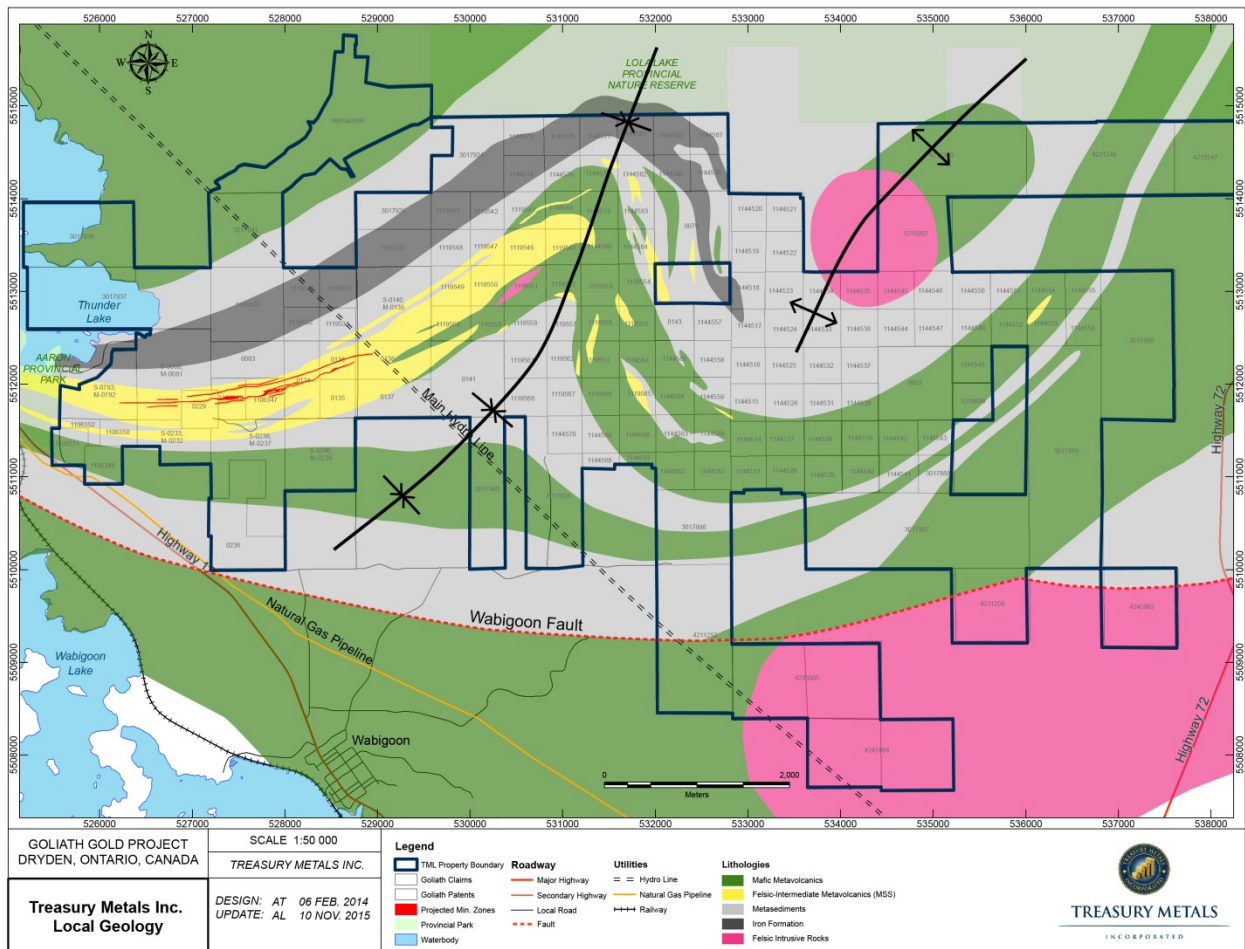
The Property area geology described below integrates all of the geological mapping, diamond drilling programs and structural studies completed by Teck, Corona, CCIC and Treasury geological staff from 2008 to present (Puritch et al., 2015; Roy et. al., 2012; Roy and Trinder, 2011; Magyarosi and Peshkepia, 2011; Ilieva, 2008). The rocks have been grouped into the “Thunder Lake Assemblage” of predominantly meta-sedimentary rocks, and the “Thunder River Mafic Metavolcanic Rocks” (Figure 6).

5.2.1 Thunder Lake Assemblage

The Thunder Lake Assemblage, an upper greenschist to lower amphibolite metamorphic grade volcanogenic-sedimentary complex, is typically separated into the “Thunder Lake Sediments” and “Thunder Lake Volcanics” (Beakhouse 2000). Underlying much of the Project area, the assemblage comprises quartz-porphyrific felsic to intermediate metavolcanic rocks represented

by biotite gneiss, mica schist, quartz-porphyritic mica schist, a variety of metasedimentary rocks and minor amphibolite rocks (Figure 6, Table 8).

Beakhouse (2001) described the “Thunder Lake Sediments” to be a package of rocks separated into two panels along its strike length by the “Thunder Lake Volcanics”. These metasedimentary rocks are dominated by biotite-muscovite and biotite schist (greywackes) with subordinate inter-layered metasedimentary rocks (probably pyroclastic siltstone and arkosic sandstone) which exhibits well-preserved primary sedimentary structures such as graded bedding, scour, and rip-up clasts unlike the nearby Zealand Sediments adjacent to the Wabigoon fault whose primary features are contorted by a high degree of strain (Beakhouse, 2001).



Source: Modified after Beakhouse and Idziszek (2006) and Percival and Easton (2007a)

Figure 6 – Local Bedrock Geology, Goliath Gold Project, Northwestern Ontario

Table 8 - Thunder Lake Assemblage Rock Descriptions

Rock Type	Description
Biotite muscovite schist (BMS)	Dark grey to grey, fine to medium grained mica schist. Usually it consists of intercalated leucocratic and melanocratic bands. This unit contains a high number of grey to milky white quartz veins. Most of the veins are 1-15 cm wide, parallel or crosscutting the foliation. Some veins are associated with highly chloritized and silicified intervals with tourmaline and sulphides.
Muscovite sericite schist (MSS) <i>Interpreted as Altered Felsic Metavolcanic Rocks</i>	Light grey to beige grey, fine to medium grained quartz- sericite schist. It is variably siliceous, commonly contains interbedded, dark grey biotite-muscovite bands and grey to milky white quartz veins. It is characterized by the presence of moderate to strong pervasive sericite alteration and gold and silver bearing disseminated sulphides.
Iron formation (IF)	Dark greenish grey calc-silicate metamorphic rocks, which include coarse to medium grained gneiss, biotite schist, 10 to 15 cm wide distinctive layers enriched with garnet, chlorite and narrow ink blue magnetite bands. The rock unit is magnetic and contains disseminated pyrite.
Metasediment (MSED)	Grey to dark grey-green medium grained massive unit, which consists of biotite, feldspar, quartz, muscovite with a weak patchy potassium and sericite alteration and rare hematite (rusty brown) alteration. Foliation is poorly developed but more prominent in contact and altered areas. Quartz veins, parallel or crosscutting the foliation are very common. This unit can be distinguished by presence of numerous “quartz eyes” or quartz porphyroblast. (identified as “arkose metasediment” or “quartz feldspar porphyry” in Teck/Corona drill logs and historic reports). This unit may contain 1-5% bleb-finely disseminated pyrite and chalcopyrite.
Biotite schist (BS)	Dark grey to black, fine to medium grained, slightly to well foliated schist. Locally contains disseminated pyrite in the foliation planes and fractures. It was referred to as pelites or greywackes in the historical reports
Chloritic-Biotite schist (Chl-BS)	Dark grey to greenish grey medium grained, slightly to well foliated schist. Locally it contains disseminated pyrite along foliation planes and fractures. Referred to as pelites or greywackes in the historical reports.

Source: Roy and Trinder (2011)

The northern panel of “Thunder Lake Sediments” include ink blue coloured magnetite layers that are closely associated with distinctive garnet-rich layers and calc-silicate rock, described in earlier publications as iron formation (Satterly, 1941). Iron formation can be locally banded as “banded iron formation (BIF)” consisting of alternating layers of chert and magnetite. These iron formation units are the source of the prominent aeromagnetic anomaly that is folded across the western half of the Property.

Compositional layering in metasedimentary rocks strike 090° in the western portion of the property around the Goliath Gold Deposit and dip from 70° to 80° south-southeast. The rock formational units strike northeast, east of the deposit. Schistosity is commonly developed within both the metasedimentary rocks and metavolcanic rocks and exhibits a similar orientation (Hogg, 2002). In general, the foliation and schistosity is parallel to stratigraphy.

Sandwiched between the sediments are the “Thunder Lake Volcanics”, a unit dominated by felsic metavolcanic rocks conformably inter-layered with wacke-siltstone. These rocks host the majority of gold mineralization at Goliath. The lenses of metasedimentary rocks that occur within the felsic unit are similar to those making up the main sedimentary unit. All of the rocks have been subjected to folding and moderate to intense shearing with local hydrothermal alteration, quartz veining and sulphide mineralisation.

5.2.2 Thunder River Mafic Metavolcanics

The Thunder River Mafic Metavolcanic rocks underlie the southern part of the Property between the southern panel of the “Thunder lake Sediments” and the “Zealand Sediments” north of the Wabigoon Fault (Table 9, Figure 6). The mafic rocks are generally massive but are pillowed locally and include amphibolite and mafic dykes which are characterised as chlorite schists (Beakhouse, 2000). Some rocks have been described as ultramafic in character (Hogg, 2002). These ultramafic rocks have been mapped locally as soapstones.

Table 9 – Thunder River Mafic Metavolcanic Rocks: Rock Descriptions

Rock Type	Description
Mafic dyke (MD)	Usually narrow dark green to almost black massive or slightly foliated fine to medium grained biotite-chlorite schist. The width of the layers can reach up to 5m. The dykes can be either parallel to or crosscut the foliation.
Amphibolite (Amf)	Coarse to medium grained, dark green to black to green units, which consist mainly of 30-50% amphibole (hornblende and actinolite), 30-40% feldspar and pyroxene with rare post genetic quartz veins and layers of chlorite schist. It has typical “salt and pepper” appearance and nematoblastic texture.
Green schist	Usually dark green to almost black foliated fine to medium grained schist, which consists mainly of chlorite, biotite, feldspar, amphibole. The width of the layers can reach up to 5m.

Source: Roy and Trinder (2011)

5.2.3 Goliath Gold Deposit Geology

For the purpose of the exploration and development, the following four (4) groupings are consistently recognized from south to north at the Goliath Gold Deposit (modified after Page, 1994, Figure 7):

1. A “*Hanging Wall Unit*” of metasedimentary rocks (MSED) which share a sharp contact or may gradually grade to a biotite-quartz-feldspar-sericite schist (BMS) that have been

intruded by quartz \pm feldspar-porphyry intrusive rocks which may appear periodically along the strike length of the deposit;

2. A “*Transitional Unit*” biotite-quartz-feldspar-sericite schist (BMS), occasionally intruded by porphyry rocks;
3. A “*Central Unit*” that consists of:
 - 1) A package of biotite-quartz-feldspar-sericite schist (BMS), occasionally intruded by porphyry rocks, interlayered with up to four hanging wall alteration zones (HW1 to HW4) consisting of quartz-feldspar-sericite schist (MSS) that can have significant gold mineralization that are often silicified;

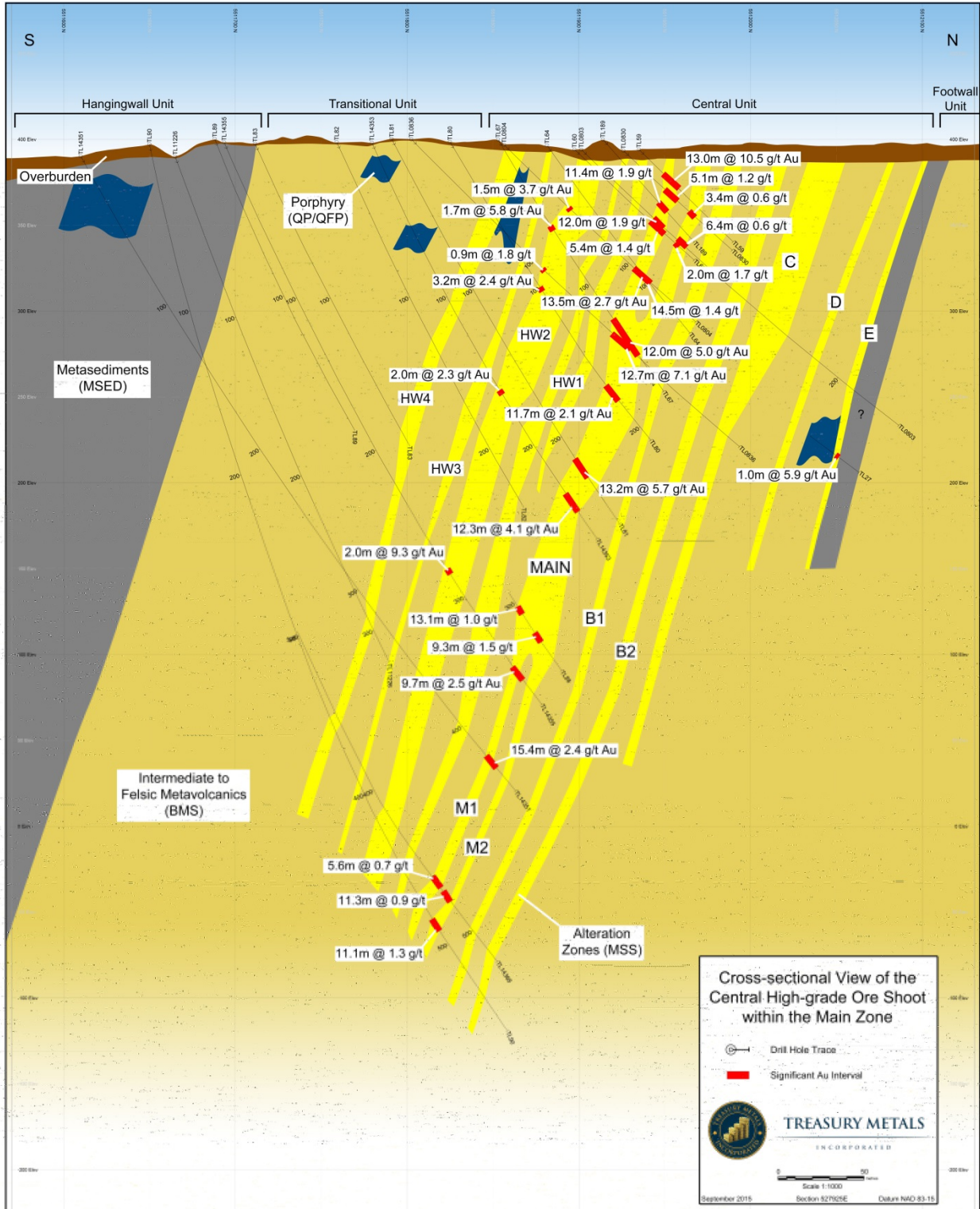


Figure 7 – Geology of the Goliath Gold Deposit

- 2) A core section of rocks, approximately 100 to 150 m true thickness, that hosts the most significant gold concentrations in the deposit (the Main and C Zones) and consist of intensely deformed and variably altered felsic, fine to medium grained, quartz-feldspar-sericite schist (MSS) and biotite-quartz-feldspar-sericite schist (BMS) with minor metasedimentary rocks (MSED);
- 3) A package of rocks similar to (1) that hosts the D and E Zones in silicified MSS rocks surrounded by BMS; and
4. A “*Footwall Unit*” of predominantly metasedimentary rocks (MSED, BMS and weak iron formation) with some porphyritic intrusive bodies and minor felsic gneiss and schist rocks.

Considering that the host rocks of the Goliath Gold Deposit are extremely altered and are now schists held together by fine grained quartz, which gives them their competency, Treasury devised a system of grouping the altered schists into two distinct geological units that could be mapped across the deposit, the “MSS” and “BMS” units. These units are differentiated based on the relative modal abundance of biotite rich versus sericite rich layers, quartz (silicification) and sulphide mineral content. In general, the most altered rocks containing greater than 60% quartz-sericite felsic bands, are silicified and often contain base metal mineralization, have been mapped as “MSS” (light coloured) units. Those units containing less than 60% white mica have been mapped as biotite muscovite schist “BMS” (dark coloured). Figure 8 visually illustrates the difference between the two rock units. It should be noted that contacts are almost always gradational. Gold is usually associated with the MSS units in association with sphalerite and galena or occurs in smaller MSS bands hosted within the BMS units.

5.2.4 Structural Geology

Page (1994), Beakhouse (2001), Ravnaas et al. (2007) and Wetherup (2008) and Wetherup (2010) have described and interpreted the key structural features on the property identifying three deformation events and three related generations of fold axes. Geological and trench mapping programs as well as structural studies of bedrock and drill core have been undertaken over the last eight years by Treasury to obtain a better understanding of the structural geology of the Property. Structures and veins observed in the area of the Goliath Gold Deposit have been interpreted within and relative to this basic framework.



Figure 8 – BMS Core (Top Photo) and MSS Core (Bottom Photo)

Table 11, Section 7.3 summarizing the structural feature observed on the Property during the 2008 exploration program and the deformation features and events are summarized below.

D₀ Pre-Deformation Structures

The D₀ pre-deformation structures developed during the rock formation and are a result of possibly transposed bedding and/or alteration zones. They can be observed in core and bedrock as alternating leucocratic quartz-sericite and melanocratic biotite-feldspar layers and represents compositional layering within felsic metavolcanic and metasedimentary rocks. The width of the layers varies from 0.5 to 10 centimetres, but locally forms larger units interbedded with layers of metasedimentary rocks. Larger zones (up to 40 metres wide) of dominantly quartz-sericite schist locally contain greyish, very fine-grained layers or “ribbons” of quartz, V₀ veins, which are usually associated with sulphide (pyrite-sphalerite-galena-chalcocopyrite) mineralisation and have the potential to host coarse gold. The association of almost pure very fine-grained quartz layers within the center of a larger zone of quartz-sericite schist could represent transposed and metamorphosed sericite alteration around quartz veins within the felsic metavolcanic rocks.

Sulphide minerals observed in drill core commonly occur along S_1 foliation planes and appear to have been remobilized.

Contacts between the lithostratigraphic units were measured in the outcrops and in the core. Within the felsic volcanic rocks the contacts between the muscovite-sericite schist (MSS) and the biotite-muscovite schist (BMS) can range from transitional to sharp. More noticeable is the contact between the felsic volcanic rocks and the metasedimentary rocks that is usually marked by a very small angular discordance and is almost parallel to the primary bedding. The strike and dip are approximately $90^\circ/70^\circ S$, but can change from $68^\circ/72^\circ S$ to $90^\circ/80^\circ S$. It is interpreted that the primary syngenetic gold and silver mineralisation was deposited during this event because the mineralisation is mostly contained within the sericite schist and/or biotite-muscovite schist. Isolated concentrations of gold lying outside of these units may be related to later remobilization or alteration and gold deposition at other parallel but different stratigraphic horizons as zones of mineralization are all parallel to one another parallel to stratigraphy.

D₁ deformation

The D_1 deformation is represented by well-developed foliation S_1 and isoclinal folds F_1 within the felsic metavolcanic rocks (BMS, MSS) and metasedimentary rocks (Biotite Schist (BS) and Iron Formation). The foliation and the axes of the folds were measured in the outcrops, in the trenches and during the orientation drilling of holes TL0822 to TL0837. The foliation is approximately $074^\circ/70^\circ S$, but it can vary from $064^\circ/62^\circ S$ to $090^\circ/80^\circ S$. The mafic metavolcanic rock unit texture tends to be more massive as the foliation is suppressed.

F_1 folds were observed in the outcrops and in the core. The folds are isoclinal and the fold axes are parallel to the F_1 foliation. The dip and strike of the axial planes are approximately $090^\circ/70^\circ$ but it can change from $080^\circ/68^\circ S$ to $100^\circ/78^\circ S$. In most cases, the hinges/fold noses display evidence of distension where continuing compressional deformation has stretched the hinge and its limbs are highly attenuated and thinned. These fold noses are often completely “decapitated” from their limbs and generally only hook shaped or quartz lenses remain which suggests that some of the boudinaged or quartz lenses observed in the felsic metavolcanic rocks may be related to F_1 structures. Deformed, white, coarse grained quartz veins \pm tourmaline, \pm stringers or porphyroblasts of sulphides, 1 to 10 centimetres wide occur dispersed throughout the felsic metavolcanic and metasedimentary rocks. White, coarse-grained quartz veins are not localized to certain pre-deformational “stratigraphy” and are interpreted to be syn-tectonic (V_1) as they are affected by D_1 deformation and occur in all rock types. They typically crosscut the foliation but

may be parallel in some instances. The assay results show no direct correlation between the quartz veins and elevated gold and silver concentrations.

D₂ Deformation

The D₂ deformation is observed as zones of disturbed foliation related to closed F₂ folds and V₂ quartz veins. Rare F₂ fold hinges are observed in the outcrops. They are several centimeters in scale and affect the position of the felsic volcanic package that hosts mineralisation on the Goliath Project. Where F₂ fold axes and fold noses occur within the gold-silver mineralised zones in the felsic metavolcanic rocks, gold and silver values are commonly 10 to 100 times higher than in the adjacent intervals (Roy et. al, 2012). In some cases they contain coarse-grained visible gold (VG) or electrum, but even the very fine-grained mineralisation returns higher gold or silver concentrations. Throughout the 2008 mapping program the orientation of the F₂ fold axes were measured in the outcropping rocks. The strike of the F₂ plane is approximately 220° to 230° and dips 85-90° southward. In addition, the F₂ fold axes are almost vertical and the intersections of these fold axes and the mineralisation plunge steeply westward. Overall, discrete F₂ fold zones are narrow (up to 10-15 centimetres wide), widely spaced (5 to 25 metres) and locally carry significant gold mineralisation. Determining where F₂ folds are likely to be located will identify areas of potential high-grade mineralisation. S and Z folded F₁ foliation, V₀ and V₁ quartz veins, and undeformed crosscutting V₂ veins are all features attributed to the D₂ deformational event. The veins are differentiated on the basis of mineralogy, texture and amount of strain.

D₃ Deformational Event

The D₃ deformational event is represented by brittle faults and fractures filled in with quartz, chlorite, feldspar, carbonate and/or fault gouge. Local shear zones and faults are exposed in outcrops and old trenches.

The first fault system is almost vertical and strikes 220 to 240°. The system consists of almost parallel microfaults with dextral displacement on a centimetre scale. Very often it is accompanied with a 1.0 to 1.5 metre wide sericite alteration.

The second fault system, exposed in the outcrops, has almost a north-south orientation. The azimuth bearing ranges from 352 to 008° and the dips from 85 to 90°. Usually the fault zone consists of 2-3 microfaults located within an interval with widths ranging from 0.5 to 1.0 metres.

These faults can be found in all rock types including clastic metasedimentary, felsic volcanic and mafic volcanic rocks. Commonly the rocks adjacent to the faults are highly fractured.

The most significant feature found in the drill holes that can be related to D_3 deformation is what Teck-Corona described as the Northwest Fault. This is a brittle structure which strikes west to west-northwest and dips shallowly northward and was observed in most of the deeper holes. Drill section interpretation by Teck-Corona shows very little dip-slip movement along this structure (approximately 5 to 10 metres - hangingwall up). Most shallow dipping structures are dip-slip in nature but since this is such a prevalent feature there may be a significant component of strike-slip motion since dip-slip offset is minor.

A third generation of white, coarse-grained quartz veins (V_3) are formed during the D_3 event. These veins occur in all rock units and typically crosscut the foliation obliquely with sharp margins. No deformation appears to have occurred in these veins, which can also cut D_2 structures. V_3 veins are hematized on the surface, have been previously sampled, and do not return any significant gold or silver values. D_3 deformation is not related to the gold-silver mineralisation emplacement. However, the Northwest fault appears to offset the mineralised zone towards the north east of the main deposit. Wetherup (2008) demonstrated that high-grade mineralisation occurs along the steeply southwest plunging intersections of F_1 - F_2 fold axes and that these shoots are offset by the northwest fault.

5.3 Mineralization

The Goliath Gold Deposit is located 250 to 300 metres north of Norman Road and since 1990 the main resource area has been defined by extensive diamond drilling efforts concentrated over a strike length of over 2.0 km. To date, ten (10) zones containing gold and silver mineralization have been identified within the “Central Unit” of the main deposit (Figure 7). From south to north, they are the:

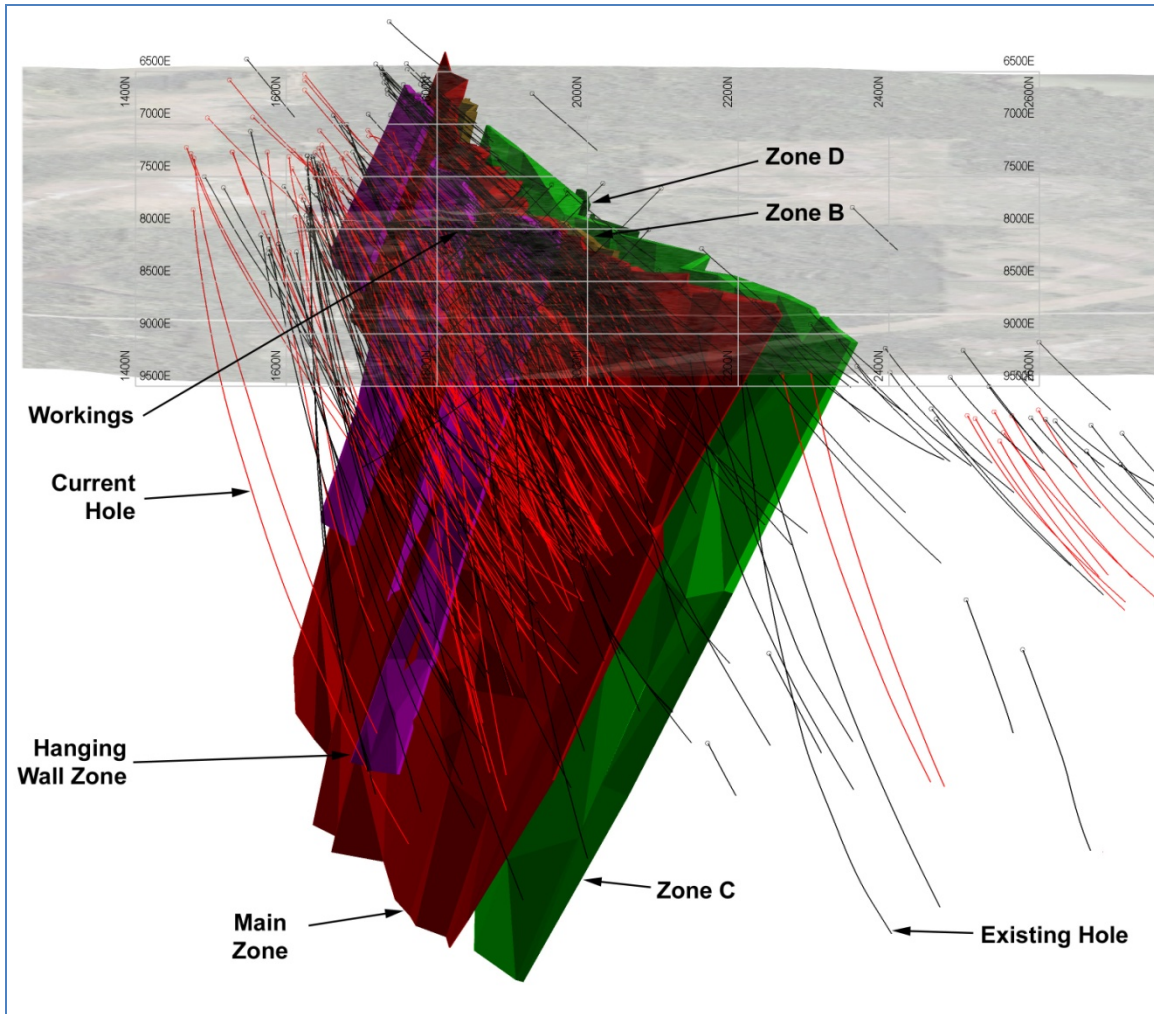
1. Hanging Wall Zones (HW1 to HW4 Subzones) hosted in mostly BMS rock units and small amounts of metasedimentary and porphyry intrusive rocks;
2. Main Zone (M1 and M2 Subzones) which is 5 to 40 m wide and occurs principally in silicified and sulphide mineralized (sphalerite, galena and pyrite) MSS rocks;
3. B1 and B2 Zones hosted in BMS rocks residing between the Main and C Zones;

4. C Zone (C1 and C2 Subzones) hosted in silicified and sulphide-bearing (sphalerite and galena) MSS Rocks; and
5. D and E Zones hosted in mostly a mixture of MSS and BMS rocks surrounded by significant amounts of metasedimentary rocks and minor porphyry intrusive rocks.

The majority of the historical gold and silver resource estimates reside in the “Main Zone” and “C Zone” (Figure 7 and 9). At Goliath, the gold-bearing zones all strike from 090° to 072° with dips that are consistently 72°-78° toward the south or southeast. The main area of gold, silver and sulphide mineralisation and alteration occurs up to a maximum drill-tested vertical depth of ~805 metres (TL135) below the surface, over a drill-tested strike-length of approximately 2,300 metres within the current defined resource area. Gold mineralized zones remain open at depth. The historic Teck-Corona drilling confirmed that anomalous gold mineralisation occurs over a strike length of at least 3,500 metres (Corona, 1998). Exploration work by Treasury has shown alteration zones containing intersections of gold mineralisation extend over a strike length of at least 5,000 metres. Overall, rocks surrounding the principal defined target zones are often anomalous in gold mineralization (background gold concentrations).

The mineralised zones are tabular composite units defined on the basis of moderate to strongly altered rock units, anomalous to strongly elevated gold concentrations, and increased sulphide content and are concordant to the local stratigraphic units. Stratigraphically, gold mineralisation is concentrated in an approximately 100 to 200 metre wide “Central Unit” composed of intensely altered felsic metavolcanic rocks (quartz-sericite and biotite- muscovite schist) with minor argillaceous metasedimentary rocks. Gold within the central unit is concentrated in a pyritic alteration zone consisting of quartz-sericite schist (MSS), quartz-eye gneiss and quartz-feldspar gneiss (Corona, 2001).

Detailed wireframes of each of the mineralized zones were developed by P&E with assistance of Treasury personnel using the combined historical Teck and the Treasury database. The zones follow the sericite alteration corresponding to the main trends of mineralization both down dip and along strike. Some zones are more loosely constrained by alteration and the gold grades were more heavily relied upon.



Looking West: shows HW Zones (purple), Main Zone (red), C Zone (green) and D Zone

Figure 9 – 3D View of the Interpreted Mineralized Zones of the Goliath Gold Deposit

To date, drilling has focused primarily on targeting the Main and C Zones where high grade (> 3.0 g/t Au) gold mineralization have been intercepted. CCIC determined that native gold and silver (electrum) are associated with finely disseminated sulphides, coarse grained pyrite and very narrow light grey translucent “ribbon” quartz veining. The main sulphide phases are pyrite, sphalerite, galena, pyrrhotite, minor chalcopyrite and arsenopyrite and dark grey needles of stibnite in decreasing order of abundance. The sulphide content ranges from 3-5%, but is locally up to 15%.

Visible gold and/or electrum are often rare and occur mainly within the leucocratic bands of MSS but can also in the melanocratic bands enriched with biotite and chlorite. In general, the highest gold and silver values occur in association with very strong pervasive quartz-sericite

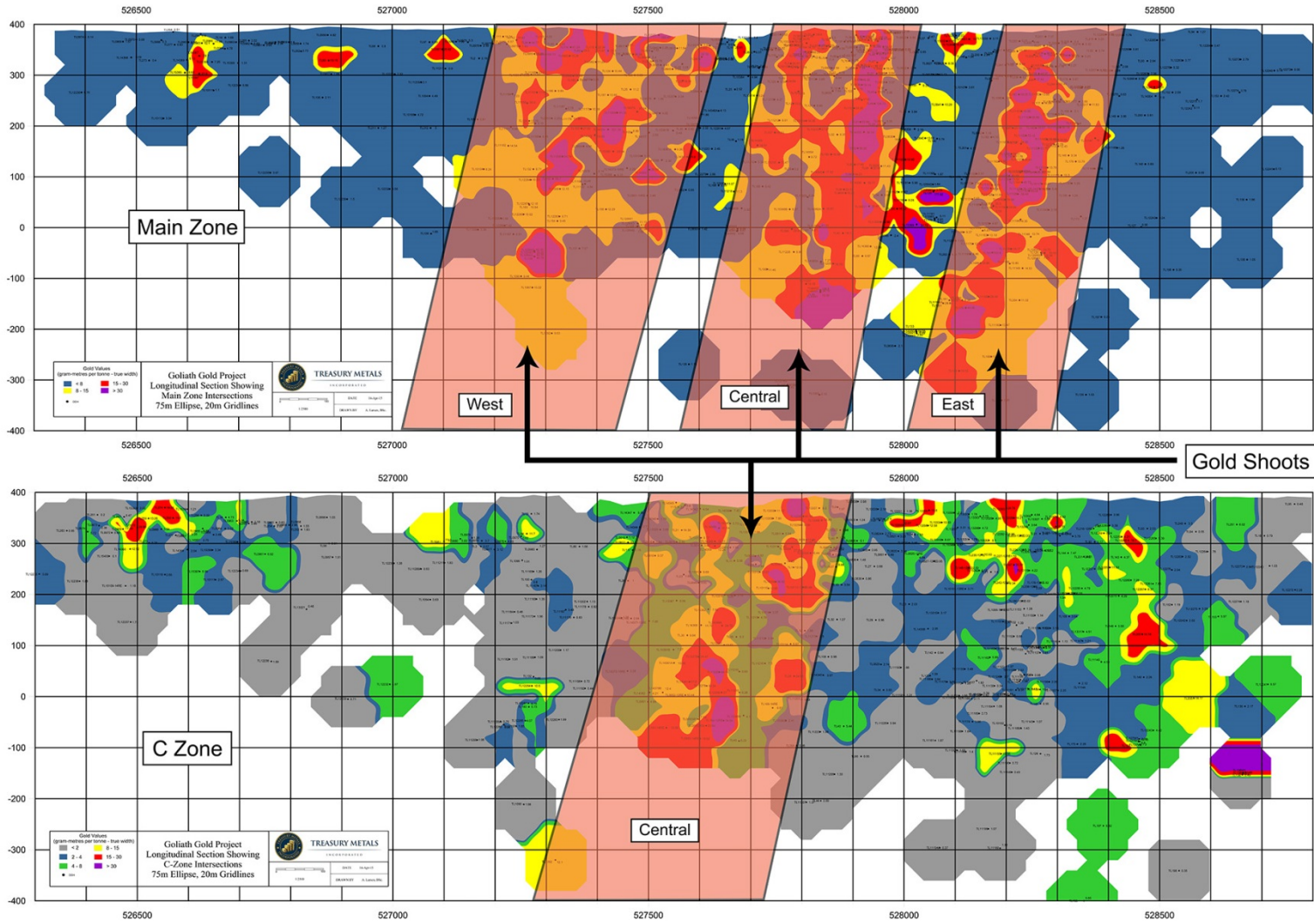
alteration. An increase in gold and silver correlates with an increase in pyrite and more specifically an increase in sphalerite content. The modal abundance of sphalerite usually exceeds that of galena and pyrite. Although the presence of elevated sphalerite and galena have been used as an indicator of the potential presence of gold with the deposit, there are some instances when gold is not present even though the base metals are clearly visible in drill core. In addition, an increase in chalcopyrite and galena content has a lower correlation to an increase in gold values.

Two distinct types of pyrite are recognized: disseminated fine grained cubic euhedral crystals occurring in the foliation planes; and disseminated subhedral to irregular grains and stringers, with inclusions of galena, occurring in quartz veins and along the margins of the veins. The second type is commonly associated with other base metal sulphides. Pyrite can occur as fine-grained disseminations in the foliation planes, disseminations in the matrix, blebs, stringers and or veinlets. The base metals sulphides can be concentrated in blebs and stringers of sphalerite, cubic fine-grained galena and on occasion as chalcopyrite.

Silver to gold ratios are generally unpredictable and have a substantial range. Possibly during the syngenetic mineralisation event, more silver than the gold was contained in the hydrothermal solutions (ratio $Ag/Au > 1$), but during the epigenetic mineralisation event, some of the gold was redistributed and there was enrichment in structurally induced zones of enhanced porosity and permeability. A similar relationship of gold to base metals is observed.

In the Goliath Gold Deposit, high grade gold mineralization and silver occur in shoots with relatively short strike-lengths (up to 50 meters) that plunge steeply to the west (Figure 10). In the Main Zone, three shoots have been well defined named the “East”, “Central” and “West” shoots and a “Central Shoot” has been delineated along the C Zone. Corona (1998) interpreted the high-grade shoots to be the result of tight folding of the mineralised horizon (gold concentrated in fold noses) that appear to occur at regular intervals (Figure 10). The shoots have considerable down-plunge continuity and are all open and untested down dip at depth. Treasury has interpreted that these zones may be connected through a large folded anticlinal feature with a fold axis that strikes down the centre of the deposit and plunges around 10 to 20 degrees east.

Figure 10 – Longitudinal Section: Main Zone (Top), C Zone (Bottom)



The Main Zone is comprised of one larger well-defined pyritic, and often silicified, MSS zone or is bifurcated into two sub-zones (M1 and M2) separated by less-altered BMS rocks. C Zone gold mineralization always occurs in the C1 and C2 subzones hosted in sulphide mineralized and silicified MSS that demonstrate excellent on strike and down dip continuity throughout the deposit.

The portion of the “Central Unit” of the deposit that hosts the B1, B2, C Zone and D and E Zones ranges in thickness from 75 to 150 m but is often lower in grade than the Main Zone. It should be noted that the D and E zones have often only been sporadically drill tested since many holes historically end before intersecting them. Since the last 2011 technical report, Treasury has re-entered thirty historical Teck and Treasury drill holes to extend the holes in order to intersect the C, D and E Zones and have conducted an extensive infill sampling program of existing core to provide B1 and B2 assay data to add to the mineral resource.

The Hanging Wall Zones (HW1 to HW4) are located 10 to 50 m south of the Main Zone. These zones are often narrow in width (1-3 m) and remain open along strike and at depth. Many of the Teck intersections of these zones were not sampled historically because a lot were not significantly mineralized or contained no visible base metal minerals (sulphide content ranges from 3-5%). Gold and silver are probably included in the pyrite or around the pyrite micro grains. Only a few flakes of coarse-grained gold or electrum were visible in the core or in the grab samples. Most of the sulphides are located mainly in blebs or stringers parallel to the foliation planes. Usually blebs, stringers and veinlets of pyrite are associated with the stringers of sphalerite, cubic fine-grained galena, chalcopyrite and pyrrhotite. Very often they in-fill small fractures in the host rock or occur along margins of quartz veins.

Alteration

The Goliath Gold Deposit consists of hydrothermally altered felsic metavolcanic and metasedimentary rocks. Alteration has been traced through drilling and geological mapping for an approximate strike length of at least five kilometers. The alteration consists of primarily sericitization and silicification in association with the gold mineralization. Chloritization is visible in metamorphosed and altered mafic rocks in the area. Very rare flakes of aquamarine green mica (fuchsite: Cr muscovite) occur in the strongly altered sericite alteration and will sometime appear within the vicinity of high-grade gold.

Page (1995a) correlated the sericitic alteration of quartz-sericite schist rocks (MSS) with moderate potassium enrichment and significant sodium depletion. CCIC made the following

observations from the analyses of 756 whole rock samples collected from holes TL0801, TL0802, TL0807, TL0808 and TL0823:

- The intervals with significant gold and silver mineralisation are very strongly altered;
- Very often extensive pervasive hydrothermal alteration obscures primary textural and structural features to the extent that it's not possible to identify the original rock type;
- The hydrothermal alteration commonly involves massive depletion of CaO and Na₂O and addition of H₂O, K, silica and sulphur as quartz ribbons and sericite;
- The feldspar and biotite are totally replaced by sericite, quartz and disseminated pyrite;
- Most of the mineralised zones are hosted by fine to medium grained quartz-sericite schist or in patches of sericite alteration in biotite- muscovite schist;
- The chlorite alteration is more intense in zones of fractured and brecciated host rocks. As a result of the depletion of CaO and Na₂O from the feldspar and addition of MgO and Fe₂O₃, sulphur and silica, quartz-pyrite-chlorite-tourmaline veins were formed; and
- Complex, overprinting alteration and metamorphic assemblages and diverse metal associations are interpreted to be the result of a overprinting of hydrothermal and metamorphic fluids, which were focused in the zones of structurally-induced porosity/permeability.

6.0 DEPOSIT TYPES

In 2001, Teck-Corona originally described the Goliath Gold Deposit as a shear-hosted mesothermal gold deposit with structurally controlled gold mineralization related to local silica and sulphide replacements, and widespread, small, discordant to concordant quartz and sulphide veins. However, the deposit is not hosted within a shear-zone and is missing most of the critical attributes of these types of deposits. The host rocks do not contain typical iron-carbonate alteration mineral assemblages and gold is not commonly hosted by quartz veins in association with silicification (Beakhouse, 2002). Furthermore, the gold mineralisation is generally associated with highly elevated silver (locally >100 g/t Ag but varies significantly across deposit), zinc and lead in the form of stringers and layers within felsic volcanic schist which is not common in shear-hosted mesothermal gold deposits (Page, 1995a).

Page (1995b) describes the alteration of the host rocks in the area of the deposit as being enriched in potassium and depleted in sodium which is a diagnostic feature peculiar to Volcanogenic Massive Sulphide (“VMS”) deposits. Wetherup (2008) suggested that the deposit may be part of a VMS system within a bimodal package of folded volcanic strata on the basis of this “classic” K-Na alteration signature along with the close association of gold with silver, zinc and lead. No massive sulphide cap has been found to date. However, in 2012 isolated lenses of massive sulphides consisting of pyrrhotite and pyrite (no base metals) were intersected in drill holes TL12245 and TL12247 in the nose of the North East regional fold. Although this model does not fit perfectly, it should not be dismissed as a possible mechanism in which the gold was originally introduced into the system. In addition, future exploration work should also not dismiss the possibility of perhaps finding a gold-zinc VMS deposit near surface or at depth elsewhere on the Property.

Treasury favours a hybrid deposit-type model, also known as a “Pre-orogenic Atypical Greenstone Belt Gold Model” as a promising genetic model to explain the geology, structures and mineralization observed within the Goliath Gold Deposit (Section 6.2). In this model, early gold-rich volcanogenic sulphide mineralization is overprinted by subsequent deformation and alteration events which can contribute to further concentration and/or remobilizing of both precious and base metals. This model also integrates potential VMS and Magmatic Hydrothermal Archean Lode Gold Deposit (“Magmatic Hydrothermal”) models in the formation of the deposit. It is likely that the Goliath Gold Deposit does not fit into any one idealized model and neither should be discounted. The reader is referred to the recently completed technical report by P&E for short descriptions of the aforementioned deposit models (Puritch et al., 2015).

6.1 Pre-Orogenic Atypical Greenstone Belt Gold Model

The unique style of gold mineralization at the Goliath Gold Deposit suggests that it, like many other gold-base metal deposits within prolific greenstone belts, does not conform to the classic orogenic model (Robert et al., 2007). They still may display similar regional-scale controls and occur in the same general region as orogenic deposits but differ in styles of mineralization, metal association, interpreted crustal levels of emplacement and relative age. The alteration found in some of these deposits is quite distinct in its aluminous mineral assemblages (Robert et al., 2007).

These atypical deposits have formed relatively early in the development of the greenstone belts, prior to regional scale folding of their host belts, and are often overprinted by orogenic veins. The ores of these deposits range from disseminated-stockwork zones, to crustiform-textured veins with associated sulfidic wallrock replacements, to less common sulphide-rich veins (Robert et al., 2005). All of these demonstrate a close spatial association with high-level porphyry stocks and dykes.

Groves et al. (2003) mentions that “these types of [atypical] deposits form prior to the major phase(s) of orogenesis, involving compressional to transpressional deformation, regional metamorphism, and post-volcanic granitoid magmatism during which the orogenic gold deposits form”. Once the gold has entered the system, it is then exposed to these later events adding to the complexity of unravelling the deposit.

Research was conducted by the Kenora Resident Geologist office on three gold deposits in the western Wabigoon Subprovince based on their similarly unique style of gold mineralization. Two of these, classified as Pre-Orogenic Atypical Greenstone Belt deposits and situated in different geology settings, were identified as the Cameron Lake deposit hosted in mafic volcanic rocks and the Rainy River deposit hosted in sedimentary and pyroclastic rocks (Ravnaas, 2014).

Gold mineralization at Rainy River is associated with strong sodium depletion, potassium enrichment (sericite alteration), silicification, aluminous alteration, a strong gold-pyrite association, ubiquitous sphalerite, chalcopyrite, garnets (spessartine), and has a very high ratio of silver to gold. This deposit is also isoclinally folded and has both gold and electrum. The Goliath Gold Deposit shares nearly all these characteristics except it has a weak gold-pyrite association and no garnets or significant chalcopyrite mineralization.

6.2 Hybrid Deposit-Type Model of the Goliath Gold Deposit

Hardie et al. (2012) suggested “the gold mineralization at the Rainy River gold deposit can be interpreted as a hybrid deposit-type consisting of an early gold-rich volcanogenic sulphide mineralization [pre-orogenic] overprinted by shear-hosted mesothermal [post-orogenic] gold mineralization. Both styles of gold mineralization have been progressively overprinted by deformation, whereby auriferous quartz veins post-date the sulphide stringers and veins and were emplaced during active deformation”. The presence of isoclinal folding of the pyrite-sphalerite-chalcopyrite-galena stringer veinlets gives the mineralization a relative timing of pre- to syn-deformational. Folded mineralized stringers are found within the quartz-sericite-schist at the main deposit.

Treasury believes that there are a lot of similarities between the Rainy River deposit and Goliath and have integrated the Hybrid deposit-type model into a final simplified four-stage Hybrid model for the genesis of Goliath Gold Deposit which is presented below.

1. **STAGE 1: Pre-Orogenic Event.** Anomalous gold, silver, zinc and lead mineralization is introduced as part of a VMS and/or magmatic hydrothermal system along a Pre-Orogenic structure consisting of stratigraphically sheared felsic volcanic (or volcanoclastic) and sedimentary rocks. If it is a VMS system, potassic alteration accompanies the mineralization event or the felsic rocks are altered by the hydrothermal solutions moving through this conduit. Quartz and quartz-feldspar porphyries may be the heat engine, or remnants of the heat source, that drove the hydrothermal solutions as these intrusive rocks are early-stage and are folded and deformed with rest of the rocks in subsequent deformation events. At this stage the sericite altered weakly mineralized zone may have been several 100 m in width.
2. **STAGE 2: D1 Deformation Event.** The stratigraphic units within the deposit are isoclinally folded into an anticlinal (anticlinorium) structure whose fold axis runs east-west along the entire strike length of the deposit and plunges 10-20° to the east following the altered felsic volcanic rocks which are sheared and foliated (axial planar S_1 and F_1). V_1 quartz veins are formed parallel to stratigraphy.

3. **STAGE 3: D2 Deformation Event.** Northeast (060°) striking F_2 structures intersect F_1 structures accompanied by later magmatic hydrothermal solutions which remobilize the gold, silver and base metals and re-concentrate and upgrade them within steeply west dipping shoots which now host the “high grade” gold and silver mineralization. Silicification accompanies this event and V_2 quartz veins are developed. The relative abundance of base metals varies along strike depending on the original concentrations at different locations along the initial shear structure.

4. **STAGE 4: D3 Deformation Event.** Brittle faults, fractures and white non-mineralized V_3 quartz veins form (dip moderately NNE) and cross-cut or follow location foliation.

7.0 PREVIOUS WORK BY TREASURY METALS INC.

Since becoming a Public listed company in 2008, Treasury has focused its exploration work on the western half of the property in order to evaluate the gold potential of the Goliath Gold Deposit. Up until the end of 2013, exploration activities have included re-establishing the former Teck exploration grid, geological mapping and sampling, prospecting, the completion of structural studies, trenching and channel sampling, the completion of a ground I.P. geophysical survey and two airborne geophysical surveys, downhole I.P and Tomography surveys, metallurgical testing, mineral resource estimations of the main deposit (including a Preliminary Economic Analyses in 2012) and the completion of eight (8) diamond drilling programs (Table 10).

The 2008, 2009 and 2010 exploration programs were conducted and managed by **Caracle Creek International Consulting Inc.** (“CCIC”) of Toronto, Ontario. Treasury personnel assumed field management all exploration activities as of February 2011.

The exploration work completed on the Property has been documented in a number of independent technical reports prepared for the Company and is summarized below (Puritch et al., 2015; Roy et. al, 2012; Roy and Trinder, 2011; Roy and Trinder, 2008). Assessment reports filed with the Ministry of Northern Development and Mines (“MNDM”) provides additional information on their exploration activities. The reader is directed to Section 7.18 (“Diamond Drilling”) for details regarding the diamond drilling programs completed by Treasury from 2008 to June 2015.

7.1 Historic Core Reclamation

In 2008, all historical Teck drill core was in long-term storage within a chain link fenced and locked core compound across Highway 17 from the Pine Grove Motel in the town of Wabigoon approximately 20 km east of Dryden, Ontario. According to Wetherup and Kelso (2008), approximately 8,000 boxes (one third of the core) were stored outside on metal racks and open to the elements (sun, rain, snow etc.). Many of the wooden core boxes, having been stored outdoors and uncovered for over ten years, were nearly rotten requiring re-boxing before they could be moved or re-examined. The remaining core boxes (around 16,000) were cross stacked onto wooden pallets with approximately 100 core boxes per pallet and were poorly covered by core box lids. These boxes were in various states of decay from moderate to nearly completed rotted through.

Table 10 - Exploration Work Completed by Treasury Metals Incorporated

Year	Company	Work Completed
	Caracle Creek International Consulting Inc.	Operator – Field Project Management
2008	CCIC Personnel	Core reclamation; Exploration Grid Cut (65.9 line-km)
	CCIC Personnel	Geological Mapping (1:5,000 Scale), 32 grab samples collected including 17 Whole Rock and REE analyses
	CCIC Personnel	Diamond Drilling Program – 55 holes (TL0801 to TL0855)
	CCIC Personnel	Structural Study on 2008 drill core
	CCIC Personnel	One Main Zone Trench, 10 Channels, 29 samples, channel sampling iron formation (3 channels, 25 samples) + mapping
	Firefly Aviation Ltd.	Aeromagnetic (HRAM) Survey, 309 line km covering 3,064 ha
	JVX Geophysical Surveys & Consulting	Ground IP/Resistivity Survey, 29.6 line-km covering 230 ha
	A.C.A. Howe International Limited	Resource Estimate (NI 43-101 Compliant)
2009	CCIC Personnel	Prospecting, Sampling and Mapping Program covering nine claims; outcrop sampling (5 grabs) and channel sampling (34 channels, 115 channel samples)
	CCIC Personnel	Diamond Drilling Program – 31 holes (TL0956 to TL0986)
2010	CCIC Personnel	Downhole DCIP/Resistivity EarthProbe Survey; 60 holes profiled; 94 hole-to-hole tomography imaging; 4-line, 21 surface-to-hole tomography pairings; Petrographic/ SEM Study (Beakhouse, 2010); SCIP Core Testing
	CCIC Personnel	2 Phase Diamond Drilling Program – 32 holes (TL1087 to TL10118)
	CCIC Personnel	Trenching of Main Zone, mapped and channel sampled, 47 channel samples, 2 duplicate channels, 4 geological units mapped
	A.C.A. Howe International Limited	Updated Resource Estimate & Preliminary Economic Analyses
	Treasury Metals Inc.	Operator – Field Project Management
2011	Treasury Personnel	Diamond Drilling Program – 111 holes (TL11119 to TL11229)
	G & T Metallurgical Services Limited, B.C.	Preliminary Metallurgical Test Program, 59 kg composite sample; Grindability, Gravity and Cyanidation Testing
	Fugro Airborne Surveys	DIGHEM EM & Magnetic Survey (July), helicopter, 582.62 line-kms
	A.C.A. Howe International Limited	Updated Resource Estimate (NI 43-101)
2012	G & T Metallurgical Services Limited, B.C.	2 Tests: Gravity + cyanidation and just cyanidation (48 hours); Sample size 398.5 kg, ½ diamond core, 163 samples
	Treasury Personnel	2 Phase Diamond Drilling Program – 81 holes (TL12278 to TL12295; 15 Re-entry holes)
	Independent Consultant (Ellis, 2012)	Goliath 3D Inversion Study
	Treasury Personnel	Petrographic Work
	A.C.A. Howe International Limited	Preliminary Economic Analyses (using 2011 Resource Estimate)

This core was subsequently moved to Treasury’s core office facility at the former Tree Nursery where it is all now in long-term storage outside at their core farm. Access to the core farm is restricted by a locked gate which controls traffic from entering the office and storage sites.

Records show that CCIC recovered around 65% or 13,723 boxes out of a possible 21,070 boxes of historical Teck drill core which are currently on the drill site. The core recovery details are presented in Appendix IX of the P&E technical report (Puritch et al., 2015). It is not known for sure how much of this drill core was actually examined to determine if the core could be re-sampled to possibly add assay data to the current gold resource estimate. Some photographs were re-covered of a few drill holes (TL1, TL4 and TL46) documenting the condition of the core but no other information is available. There is no information on the state of the Laramide drill core (holes G-1 to G-8) or if that core was also recovered.

7.2 2008 Geological Mapping Program

An exploration grid was cut in January 2008 to facilitate a geological mapping, sampling, ground geophysical surveys, trenching and diamond drilling programs. A total of 69.5 line-km were cut with the base line established along Norman Road which represented the former boarder between the old Laramide and Teck properties. Grid lines were cut at 50 m intervals perpendicular to the baseline in an attempt to establish or mimic the former Teck grid. The grid consisted of 30 lines at approximately 1,500 m length, 11 lines at 1,225 m and five lines at 1,025 m.

Geological mapping, at a scale of 1:50,000, was completed between June and August, 2008. Major lithological units were identified, structures interpreted and a new geological map of the property was completed (Figure 11). A total of thirty-two (32) representative and grab samples were taken (Ilieva and McKenzie, 2009). Seventeen (17) samples were sent to Accurassay Laboratory in Thunder Bay for fire assay, Whole Rock and REE analyses. None of the samples returned any significant precious or base metal assays.

7.3 2008 Structural Geology Study

Caracle Creek International Consulting Inc. (“CCIC”) was retained by Treasury to review both the geological and structural data on its Thunder Lake Property (now the Goliath Property) and prepared a report containing a structural description and interpretation of the geology (Wetherup, 2008a). Three different generations of folds and deformational events were described (Table 11).

Figure 11 – Geological Grid Map – Goliath Gold Deposit Outlined in Red

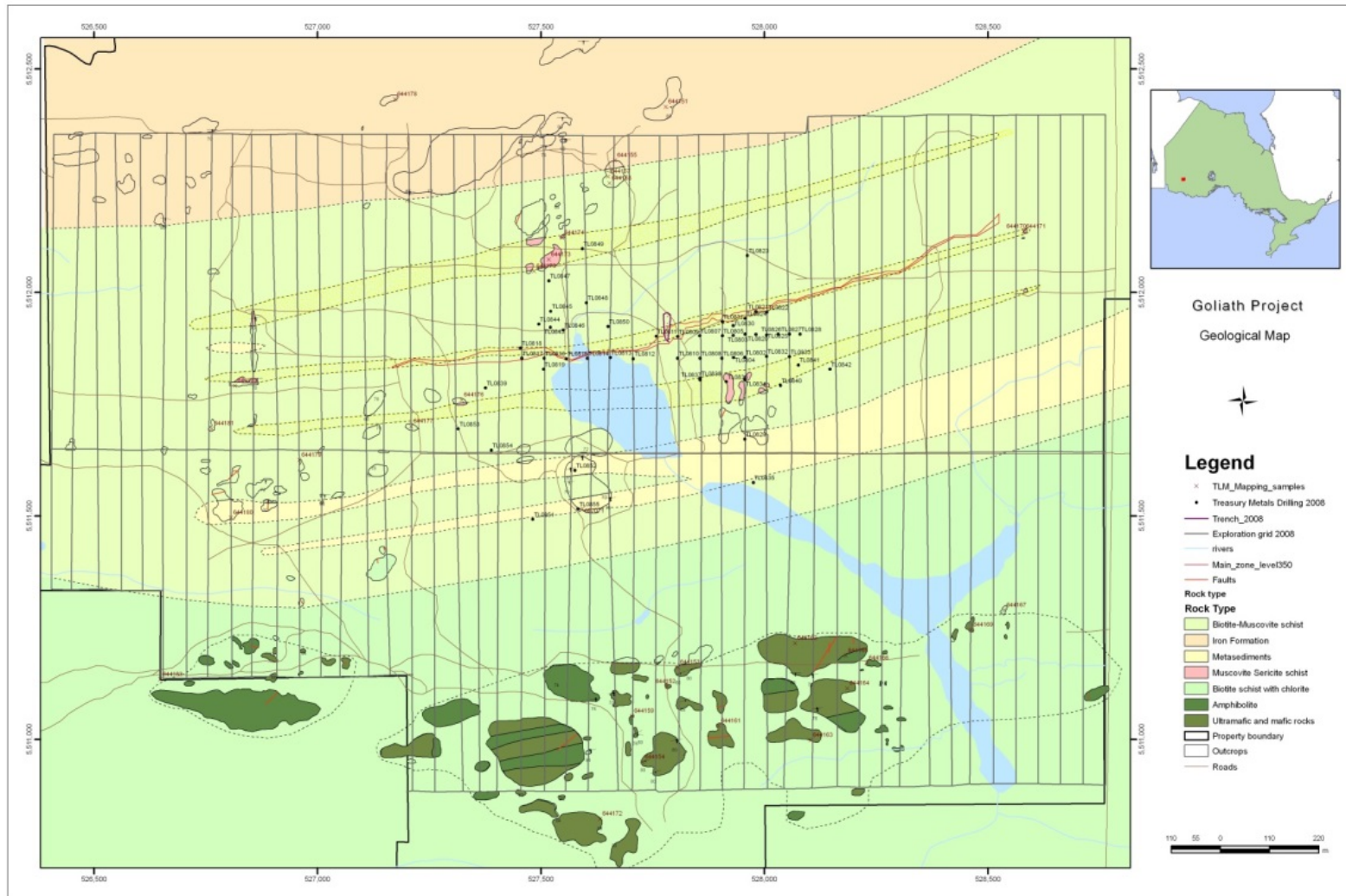


Table 11 – Summary of Structural Features Observed on the Goliath Gold Property

Event	Structure	Description	Veins	Description
D ₀	S ₀	Compositional layering of meta-volcanic and meta-sedimentary rocks; argillic alteration zones (?)	V ₀	Greyish, highly deformed, S ₁ foliation parallel quartz-sulphide ribbons and silicification surrounded by quartz-sericite schist
D ₁	F ₁ S ₁	Isoclinal folding F ₁ axial planar and layer parallel foliation/schistosity	V ₁	White deformed, locally cross-cutting quartz+/-tourmaline+/-sulphide veins
D ₂	F ₂	Closed (60°) folds; axial planes ~045/90°; discrete, 5-40 m spaced, axial planes	V ₂	Weakly deformed white quartz+/-sulphide veins along F ₂ axial planes and at 45° to F ₂ axial planes.
D ₃	NW Fault	Brittle faults/fractures dip moderately NNE	V ₃	Un-deformed white, non-planar quartz veins dip moderately NNE and follow foliation locally

Oriented core was used during the 2008 diamond drilling program for the first time to collect additional structural data (Roy et al., 2012). Core from drill holes TL0822 to TL0837 was used for this study. Foliation, geological contacts, fault lines and fold axes were measured using an Ezy-Mark™ core orientation tool provided by **BoreInfo Ltd.** (“BoreInfo”). The purpose of this program was to clarify the spatial relationships between the structural features and their influence on the mineralization.

CCIC observed that the F₂ folds (axial planes) upgrade gold mineralization within the Main Zone and that gold is focused in shoots where F₁ and F₂ structures intersect and where F₂ structures are concentrated (in the shoots). Shoot structures are steeply plunging (west as observed on current Treasury Longitudinal Sections of the Main and C Zones). In addition, it should be noted that the zones of alteration and gold mineralization strike more northerly and assume a northeast strike, east of the Deposit and are nearly parallel to the strike of the F₂ axial planes. Therefore, it was concluded that it might be more difficult for exploration drilling to locate and intersect gold-bearing shoots in this region.

7.4 2008 Exploration Trench

A 1,005 m long trench, oriented north-south, was excavated in September 2008 to expose auriferous “Main Zone” mineralization intersected by diamond drilling within the Goliath Gold Deposit (Ilieva, 2009). The trench, located at UTM 527782E, 5511893N (NAD 83, Zone 15N), is an elongated oval shape and measured at surface 46 m in length, 14-15 m wide and 5 m deep. A decline was added at the southern end of the trench for easier access.

Two outcrops were exposed and geologically mapped at a scale of 1:200 and channel sampled perpendicular to strike. The bedrock geology was described as strongly altered (sericitized) volcanic rocks. A total of ten channel samples (designated Channel 1 to 10) were cut across the two exposures and a total of 29 samples were collected. Each channel is approximately 4 to 5 cm wide and 5-6 cm deep (Roy and Trinder, 2008). A blank or standard was inserted in alternating order at every tenth sample. All samples were dispatched to Accurassay for gold and base metal analyses.

Two zones of mineralization were exposed in Channel 3 and Channel 5 located about 2.5 m to the south. Channel 3 (Sample 644112) returned the highest gold value of 27.55 g/t Au and 2.19 g/t Ag over a sample length of 0.65 m (Table 12). A 1.5 m lower-grade mineralised interval was also sampled in Channel 5 where samples 644115, 644116 and 644117, each 0.5 m in length, returned 1.75 g/t Au, 2.74 g/t Au and 1.03 g/t Au, respectively.

TABLE 12 – 2008 Channel Sampling of Main Zone: Best Assay Results

Channel	Sample No.	Length (m)	g/t Au	g/t Ag	ppm Cu	ppm Pb	ppm Zn
3	644112	0.65	27.55	2.19	43	98	34
5	644115	0.50	1.75	3.70	145	280	351
5	644116	0.50	2.74	3.78	48	346	386
5	644117	0.50	1.03	1.97	39	92	87

Iron Formation: Tree Nursery Road

Three channels were cut across a bedrock exposure of iron formation that outcrops on either side of Tree Nursery Road located at in Zealand Township (UTM 528767E, 5513144N; UTM 528803E, 5513165N; UTM 528802E 5513155N, NAD83, Zone15N). Twenty-five channel samples were collected and dispatched to Accurassay in Thunder Bay for analyses for gold, base metals and trace element geochemistry (31 element package). Channel sample assay results are presented in Table 13. It should be noted that the sample length were not reported (Ilieva, 2009). Sample 644150 returned the best assays of 352.66 g/t Ag and 0.24 g/t (240 ppb) Au in association with zinc, lead and copper (Table 13). Fourteen (14) samples returned silver values in excess of 1.0 g/t.

Table 13 – Best Iron Formation Gold and Silver Channel Sample Assays

Sample Number	Au	Ag	Cu	Pb	Zn
	ppb	ppm	ppm	ppm	ppm
644137	<5	1.05	38	62	36
644139	<5	1.22	21	42	39
644141	<5	3.14	31	78	56
644142	<5	1.29	32	50	57
644143	<5	2.82	34	57	81
644144	<5	2.01	28	67	54
644145	<5	1.89	32	58	128
644146	<5	1.01	29	59	67
644147	<5	1.03	42	94	51
644148	<5	1.37	34	112	49
644149	<5	1.33	22	55	42
644150	240	352.66	496	9,586	13,517
644202	<5	1.06	21	57	43
644202	<5	1.08	21	52	42
644207	<5	1.08	16	81	39

Source: Modified after Ilieva (2009)

7.5 2008 Firefly Aeromagnetic (HRAM) Survey

Considering that approximately 70% of the Goliath Property is covered by glaciofluvial outwash, and that overburden can range in thickness from a few meters to over 40 m thick, CCIC concluded that an airborne magnetic survey was required to identify the regional bedrock geology and structure.

A High Resolution Aeromagnetic Survey (“HRAM”) was completed by **Firefly Aviation Ltd.** (“Firefly”) during the month of March, 2008. A total of 2,165 line km were flown by fixed wing aircraft covering an area of 180 km² (Figures 12 and 13) North-south survey lines were flown at 100 m spacings and east-west tie lines flown every 500 m covering a large area of Zealand and Hartman Townships and the southern portions of Brownridge and Laval Townships (Evans, 2008). Standard and enhanced gridding filters were applied to the Goliath Survey data based on the calculated International Geomagnetic Reference Model (IGRF). This survey was conducted using a NAD83, Zone 15 projection and datum.

According to McKenzie (2008), the data was subsequently interpreted by **Balch Exploration Consulting Inc.** (“BECI”). The bedrock underlying the survey area reflects the typical magnetic signature of a regional greenstone belt which is expressed as a large arcuate high/low sequence reflecting the magnetite precipitated during and after formation along with subsequent tectonic deformation. However, the Goliath gold deposit is not detected on the airborne magnetic survey

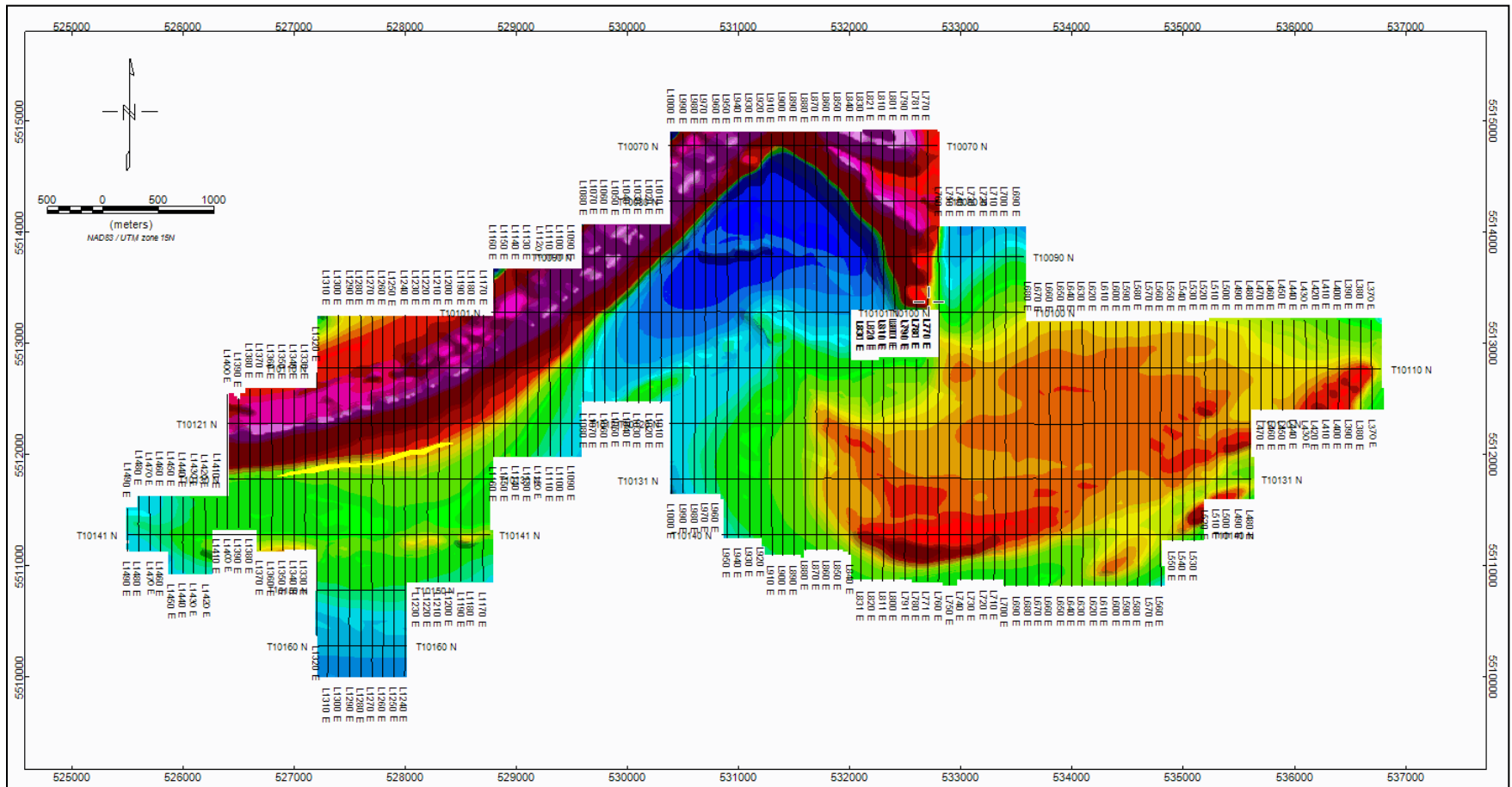
and actually occurs in a magnetic low. The property is underlain by large scale synclinal and anticlinal folded structures and it was concluded that the magnetic data provides a better understanding of the F₁ fold architecture. Secondary F₂ structures, believed to be responsible for up-grading concentrations of both gold and silver at Goliath, are not identified by the survey results. A regional thrust fault is mapped throughout the southern extent of the survey. This is coincident with a string of discrete magnetic bodies occurring along the trace of the fault.

Figure 12 – Goliath Firefly Aeromagnetic Survey Location Map



Source: McKenzie (2008)

Figure 13 – 2008 Firefly Geophysics Total Magnetic Field Intensity Map

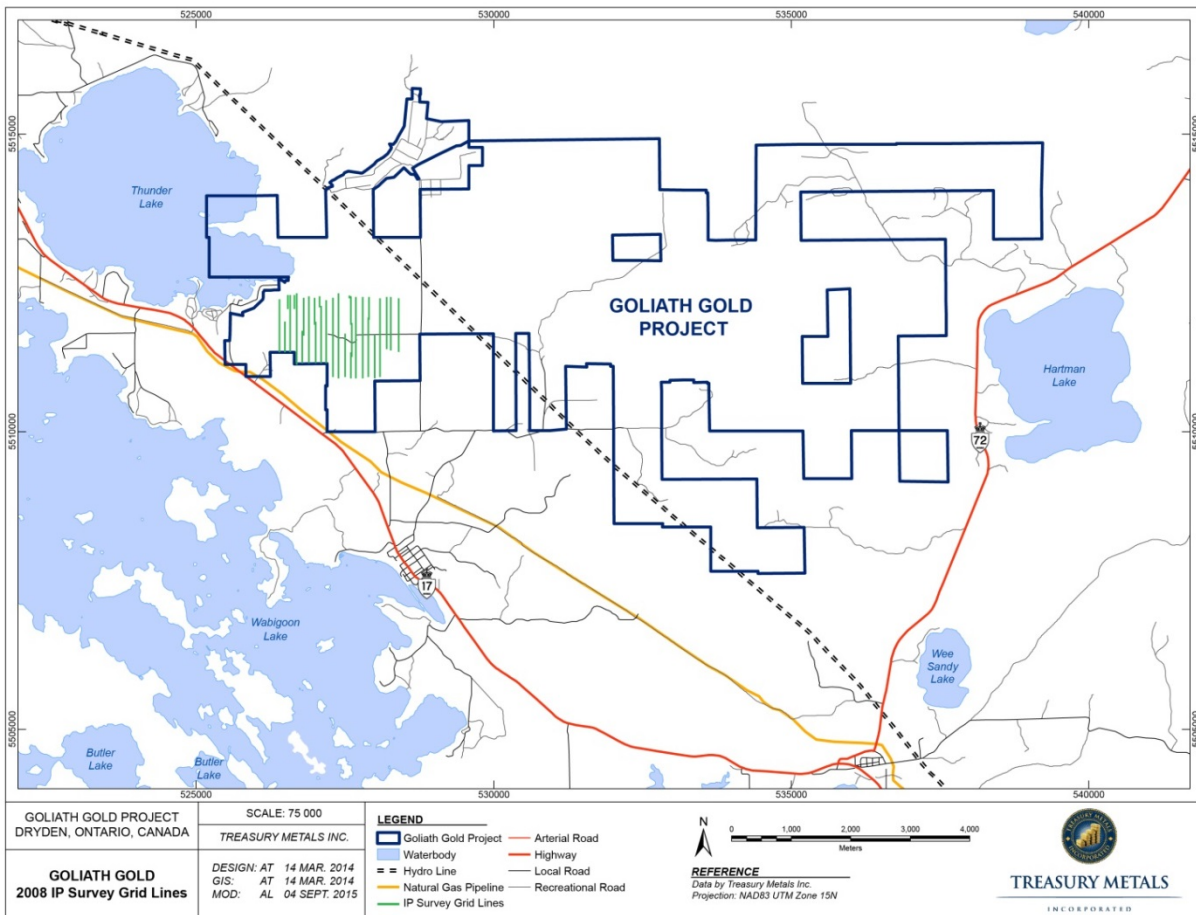


Source: Iieva and McKenzie (2009)

7.6 2008 Ground Induced Polarization/Resistivity Survey

JVX Geophysical Surveys and Consulting (“JVX”) was contracted by Treasury to conduct 29.6 line-km spectral I.P./resistivity survey on the Goliath Project grid from March 31 to May 1, 2008 (Figure 14). The maximum vertical depth of penetration of this survey was approximately 60 meters (Palich, 2010b). This grid covered the main resource area for a strike length of approximately 2.0 km covering all or parts of claims 1106347 and 1106348 and patented land parcels 4690, 4822, 13492, 15395, 21533, 21609, 21974, 34461 and 41941 (Johnson and Webster, 2008). The exploration grid consisted of 21 north-south oriented lines at 100 m spacing’s (L350E to L2350E) plus two line segments (L2100E and L2200E) from stations 750S to 750N. The survey instrumentation consisted of a Scintrex IPC-7 (2.5 kW) transmitter and Scintrex IPR-12 receivers. Surveys were completed in time domain with a pole-dipole array (‘a’ =25 m, n=1 to 8).

Figure 14 - Location Map of 2008 JVX Ltd. IP survey, Goliath Gold Property



Source: Modified after Ilieva and McKenzie (2009)

The contract stated that ground magnetic data would also be collected. However, due to time constraints, including poor weather, the deep IP and ground magnetic surveys were not completed (McKenzie, 2008). Plan maps at the scale of 1:5,000 for chargeability (n=2) and resistivity (n=2) are presented in Figures 15 and 16.

It was determined that much of the survey area is covered by extensive surficial overburden with 43% of the survey area at 250 Ω m or less. Conductive overburden can mask chargeable bodies thus requiring a high percentage of sulphide mineralization to overcome this problem. However, JVX noted that despite the presence of conductive overburden, the conductivity was not as high as initially anticipated (Johnson and Webster, 2008).

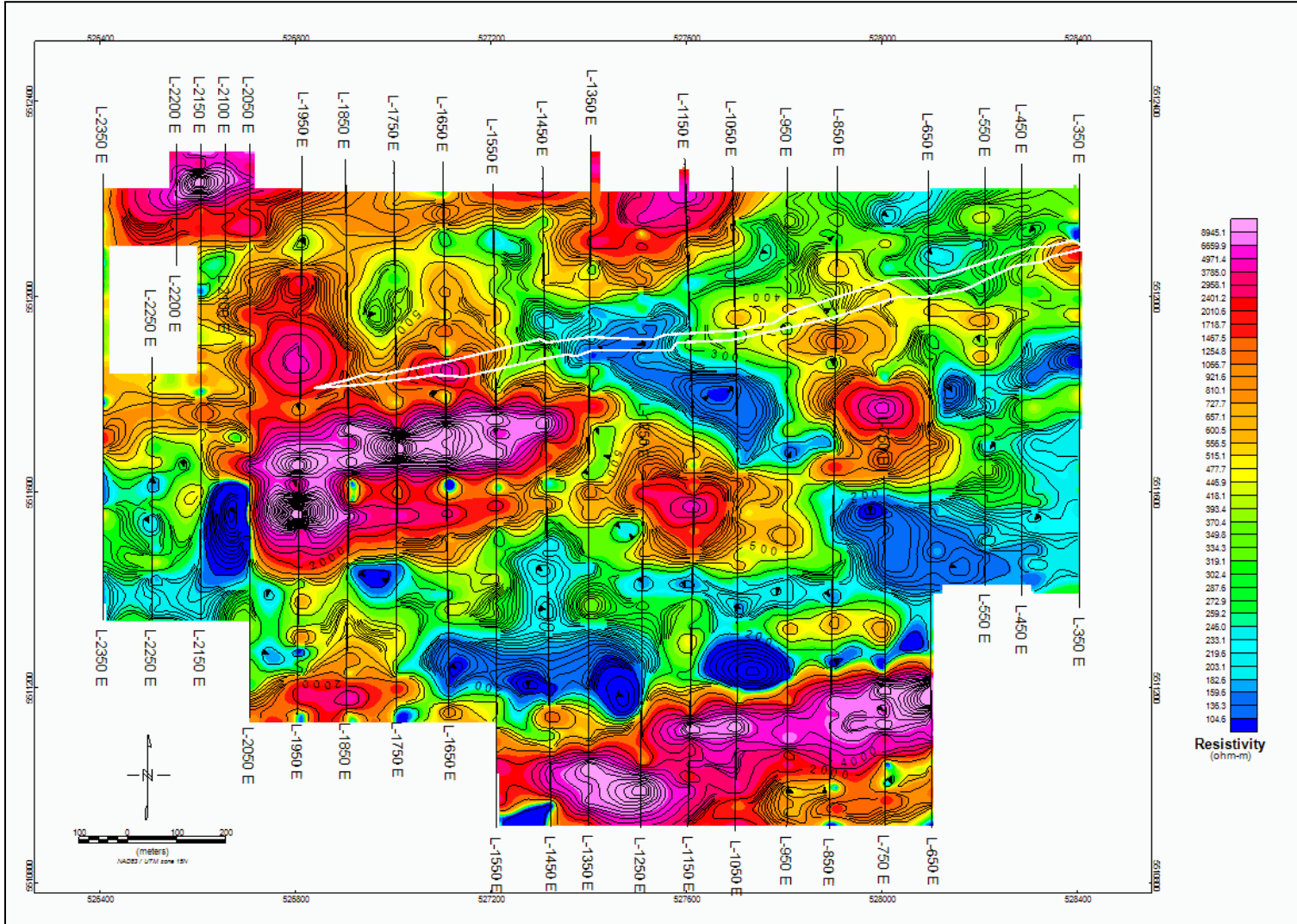
The Goliath gold deposit is marked by weak resistivity highs in an area of predominantly low resistivity. Overall, the main gold deposit has a weak and uncertain IP/resistivity expression. It appears to be defined by three marginal IP anomalies associated with relative resistivity highs. This signature does not improve to the east or west of the deposit. South of the deposit, there is a coinciding chargeability and resistivity anomaly in the western portion of the deposit between lines L1950 to L450 (Figures 15 and 16). A possible northwest trending fault was also identified by the survey.

A series of pseudosections were also generated at the scale of 1:2,500 and can be found in the JVX report. Examination of these sections identified a possible northwest trending fault and low values of chargeability which was interpreted to possibly displace the mineralization in a west-northwest direction (Ilieva and McKenzie, 2009). Seven IP anomalies were defined for possible follow-up exploration work and CCIC recommended that the data be inverted for proper 3D interpretation of the IP survey results (Table 14).

7.7 2009 Prospecting, Channel Sampling and Mapping Programs

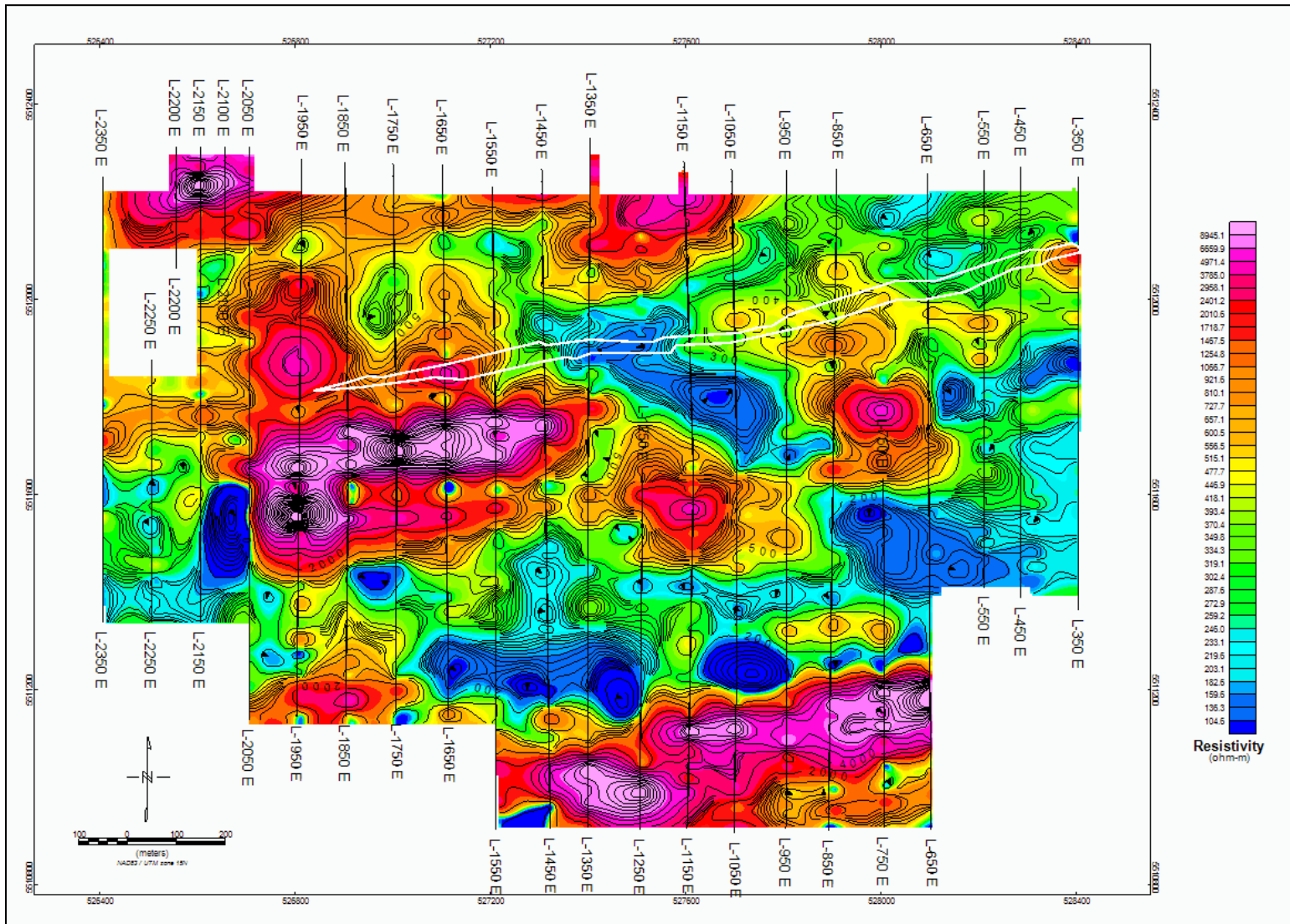
In 2009, general reconnaissance prospecting and some focused stripping and channel sampling, was completed by CCIC from July 6, 2009 to August 4, 2009 (Caracle Creek International Consulting Inc., 2009). A small grid was cut and geologically mapped on the Collins Patent and the remaining work was concentrated on the Jones Patent (Parcel 41215), the Johnson Patent (Parcel 15401) and claims 4211252, 3017936, 1144570, 119568, 1119567, 11195632, 1119563, 119564, 119555, 1119560, 1119549 and 4211252.

Figure 15 - 2008 JVX Ltd. Chargeability (n=2) Map, Goliath Gold Property



Goliath Gold Deposit Outlined in White, Source: Ilieva and McKenzie (2009)

Figure 16 - 2008 JVX Ltd. Resistivity (n=2) Map, Goliath Gold Property



Goliath Gold Deposit Outlined in White, Source: Ilieva and McKenzie (2009)

Table 14 - 2008 IP Survey Targets Selected for Further Investigation

Anomaly ID	Easting*	Northing	Comments
TL_0001	526661	5512237	Cluster of strong IP anomalies at north end of lines 2050W, 2200W; Shallow; N1 resistivities are moderate to high; Short time constants - response of fine grained disseminated sulphides (+gold)
TL_0002	526908	5511224	Very strong, shallow IP anomalies 0 part of 300m long IP zone with weaker end members that may define an east/west IP zone that crosses entire grid; Coincident lower resistivities at depth may indicate a partial cause by bedrock conductors; Strong IP anomalies noted - masked by conductive cover - short time constants upgrading for gold target
TL_0003	527010	5511629	Stronger of two IP anomalies - lower resistivity at depth - possible bedrock conductor - time constant uniformly long
TL_0004	527009	5511705	Part of 400m long IP zone - may be on strike with Thunder Lake gold deposit; Moderate resistivity noted - possible bedrock conductor
TL_0005	527507	5512155	Two nearby strong, shallow IP anomalies 250m north of Thunder Lake. N1 resistivities are moderate. Some outcrop/subcrop and a prospecting history are likely. Time constants are long or mixed
TL-0006	528006	5511247	One of two strong IP anomalies south of the Thunder Lake deposit; Part of East-west trending IP/resistivity zones; Interpreted as probable bedrock conductors; This anomaly portion has short time constants and high resistivities - interesting for gold; N1 resistivity is high suggesting thin overburden
TL_0007	528006	5511021	One of two strong IP anomalies south of the Thunder Lake deposit; Part of East-west trending IP/resistivity zones; Interpreted as probable bedrock conductors

**Coordinates: UTM NAD83, Zone 15N Datum*

A total of five (5) grab samples were collected during the prospecting exercise, 22 channel samples collected from three stripped outcrops on claim 1119562 and 93 channels collected from two stripped outcrops located just east of Tree Nursery Road near the power lines on the Johnson Patent (Parcel 15401) in Zealand Township, Lot 5, Concession 4.

Three samples returned significant gold assays from this program. The best gold assay was obtained from sample 59109 that assayed 20.519 g/t Au over a channel sample length of 1.0 m on the Johnson Patent. The host rock is described as a biotite-muscovite schist containing 1 to 2% sulphides and is identified by Treasury as an outcrop exposure of Zone D just east of Tree Nursery Road, west of the hydro line. A second channel was cut directly adjacent to sample 59109 over a sample length of 1.0 m. That sample was subsequently cut into five 20 cm samples

to isolate where the gold was concentrated. One of these samples C59139 returned 3.296 g/t Au over a sample length of 0.20 m. One grab sample from the reconnaissance prospecting program returned 2.14 g/t Au. However, the location of this sample was not disclosed in the memo-style report.

During the month of July, three and a half days were spent completing general reconnaissance prospecting, outcrop sampling and a channel sampling program to generate future exploration targets for geological mapping and sampling on claim 4211252 (Caracle Creek International Consulting Inc., 2009b). Work was focused in Lot 1, Concession II within the southern portion of Zealand Township.

A detailed grid was set up over an outcrop area where five outcrops were exposed and a 100 m long east oriented baseline and cross lines were established and the lines were mapped at a scale of 1:500. The area was found to be underlain by predominantly meta-sedimentary rocks with lesser amounts of felsic volcanic/quartz porphyry rocks. A total of 24 channel samples, ranging from 0.3 to 1.0 m in length, were taken from five distinct outcrops with interesting mineralization (quartz veins? with elevated pyrite) and dispatched to Accurassay for gold analyses. There are no individual sample descriptions of the mineralization. None of the samples returned any significant gold assays (best 5 ppb Au).

In July, 2009, a reconnaissance prospecting program was conducted to ascertain the geology underlying claim 4211250 (Caracle Creek International Consulting Inc., 2009c). A total of 1.5 line-km were traversed in Lot 9, Concession II within the southern portion of Zealand Township. Only one large outcrop ridge was encounter on the traverse which appeared to be an un-mineralized granitoid intrusive rock. No samples were taken.

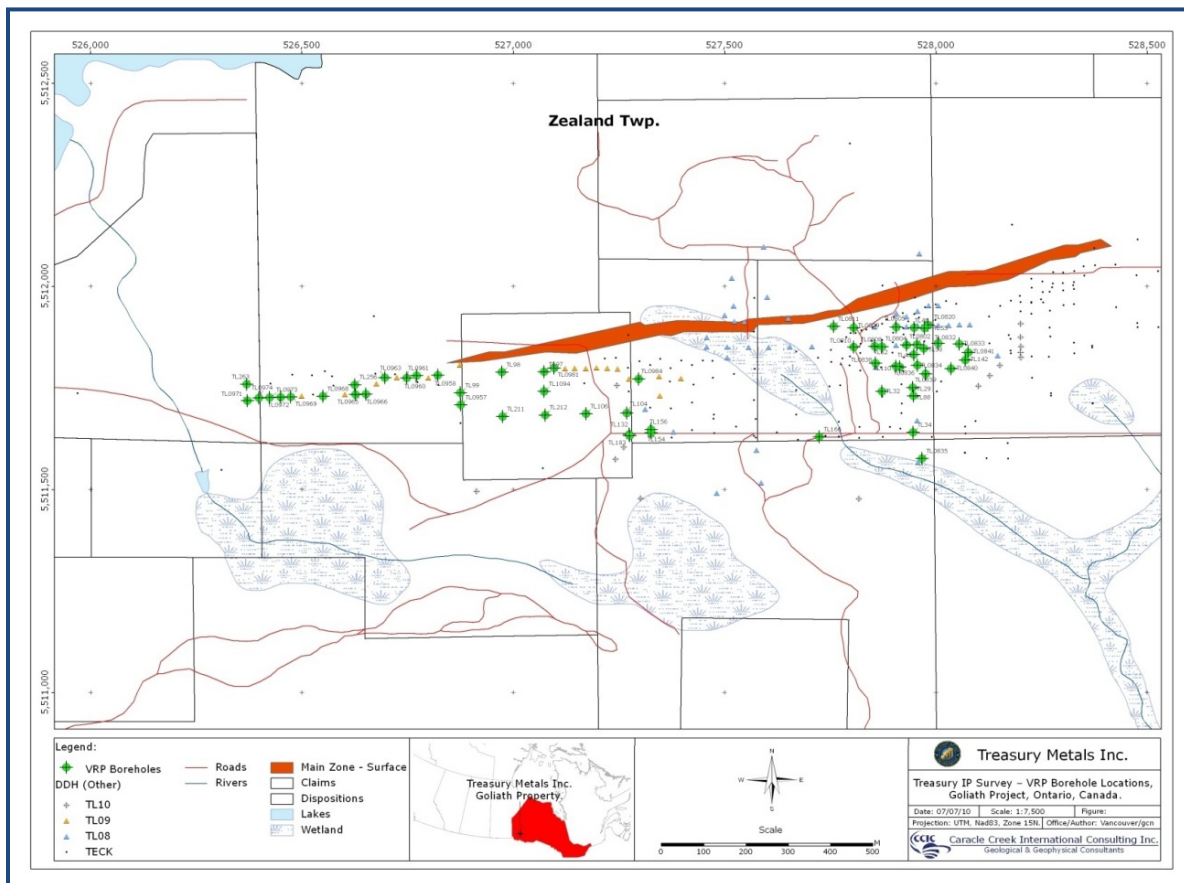
7.8 2010 Ground Geophysical Surveys

A downhole direct current induced polarization (DCIP/Resistivity) survey was completed by CCIC over a 24 day period in the spring of 2010 (Palich, 2010). The survey consisted of 60 holes profiled for vertical resistivity/chargeability and ninety-four (94) hole-to-hole tomography images between holes up to 150 m separation (Figure 17). Four surface lines with 21 surface-to-hole tomography pairings were also completed. The survey was designed to:

- Characterize the resistivity/chargeability signatures of rock types and ore zones;

- Determine if zones containing significant concentrations of gold can be isolated with distinct geophysical signatures; and
- Test if a new CCIC IP/resistivity technology called EarthProbe™ was capable of imaging between drill holes.

Figure 17 – Vertical Resistivity Probe and Tomography Drill Hole Locations



The EarthProbe™ survey method utilizes closely spaced electrode at 5.0 m separation distances to a centralized data acquisition system that enables arbitrary selection of current and potential electrodes through relays (Roy and Trinder, 2011). Rapid data acquisition and signal processing techniques allow for efficient use of conventional and non-conventional arrays and the removal of natural and cultural noise. The result is a high resolution DCIP system able to delineate both large resistivity/chargeability anomalies and narrow structural features down to depths of approximately 240 m (Roy et al, 2012).

Resistivity/Chargeability Correlations

CCIC identified seven distinct resistivity/chargeability correlations from the DCIP survey (Palich, 2010):

- Mineralized zones exhibit low resistivity and high chargeability;
- Different DCIP signatures between Main Zone and West Goliath extensional area;
- Resistivity responses greater than 7,900 $\Omega\cdot\text{m}$ ($3.9 \log \Omega\cdot\text{m}$) reflect non-mineralized zones (Figures 8 and 9);
- Resistivity responses less than 5,000 $\Omega\cdot\text{m}$ ($3.7 \log \Omega\cdot\text{m}$) reflect mineralized zones (Figures 8 and 9);
- Chargeability responses less than 30 mV/V in the Main Zone and less than 50 mV/V in the West Goliath extensional area reflect non-mineralized zones;
- Chargeability responses greater than 50 mV/V reflect mineralized zones; and
- There is overlap of resistivity and chargeability response between the mineralized and non-mineralized zones in the Main Zone, suggesting that the occurrence of gold may be controlled by multiple factors (e.g. several alteration types) each having a unique IP signature.

Mineralization Response Signature

CCIC characterized three mineralization responses from the survey which are illustrated on Figures 18 and 19 (Palich, 2010):

- Anomalous resistivity responses occur in association with mineralized zones that are greater than 4.0 m thick and exhibit a gold grade greater than 2 ppm;

- An anomalous resistivity response does not occur if the thickness of the mineralized zone is less than 2.0 m unless the intersection is in close proximity (less than 5.0 m) to a thicker mineralized zone; and
- An anomalous resistivity response typically does not occur if the thickness of the mineralized zone is less than 4 m unless the gold grade exceeds 2 ppm and zinc exceeds 2000 ppm.

Figure 18 – Mineralized vs Non-Mineralized Resistivity Response, Main Zone

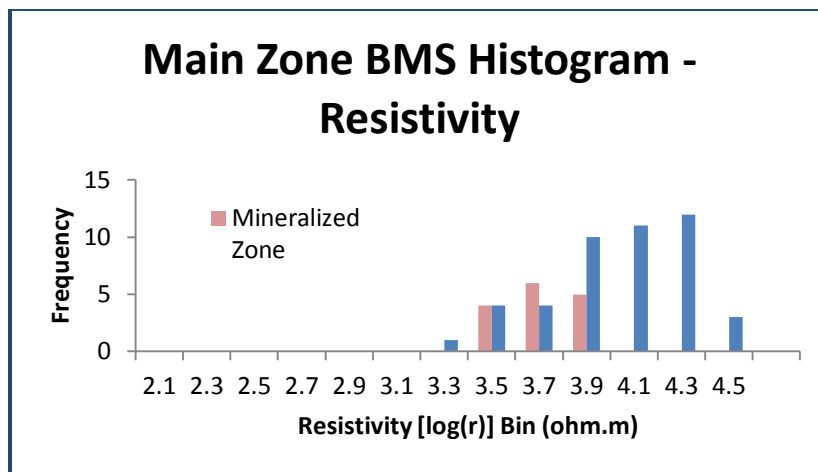
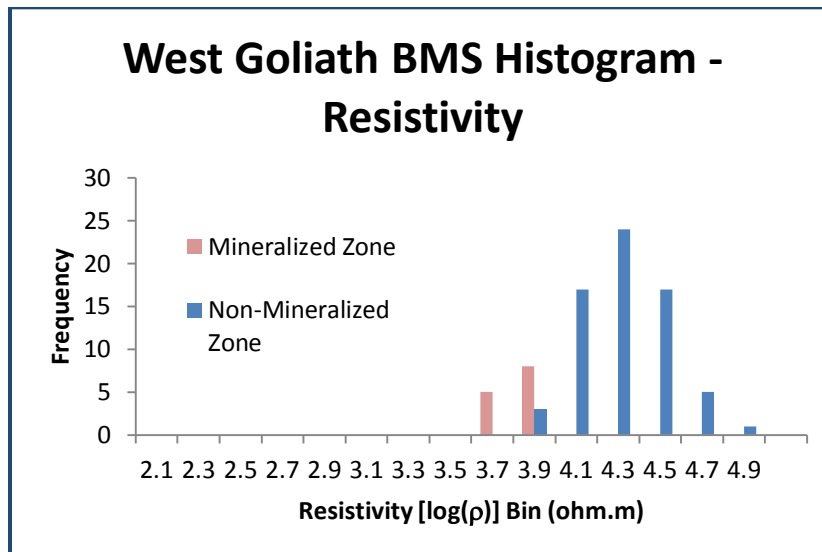


Figure 19 – Mineralized vs Non-Mineralized Resistivity Response, West Goliath



Anomaly Summary

CCIC summarized the anomaly findings as follows (Palich, 2010):

- Numerous in-hole and off-hole low resistivity responses were identified.
- Main Zone: a high level of electrical continuity existed between known gold intersections suggesting that mineralization is continuous.
- West Goliath extensional exploration area: Vertical Resistivity Probe and tomography results were well correlated with known mineralization zones showing limited additional extent from previously drilled intersections. A shallow conductor (50-70 m) was identified near drill holes TL0965, TL0966, TL0968, TL0969 and TL0972.
- Four low resistivity anomalies were identified from the surface survey. At least one of these anomalies is beyond the western extent of existing drilling.

Recommendations for Future Work

The DCIP survey was not correlated to the sericite alteration zones. CCIC recommended completing that correlation as well as characterizing the bulk resistivity/chargeability using the entire vertical resistivity probe and drill hole assay dataset (Palich, 2010). They also recommended compiling the special resolution of the resistivity responses into a format that could be overlain with the existing 3D model of the deposit and drilling four IP anomalies identified in the West Goliath extensional exploration area.

7.9 2010 SCIP Core Testing

CCIC collected 79 SCIP (“Sample Core Induced Polarization”) readings on limited intervals of mineralized core from three 2008 drill holes in early August, 2010 (Palich, 2010b). They also compared the results of the 2010 EarthProbe™ IP survey to the 2008 JVX traditional IP survey. The results of this work are summarized below. SCIP core test readings were collected using a GDD SCIP Rx 8-32 unit as follows:

- Hole TL0802: 38 readings were taken of mineralized biotite-muscovite-schist (BMS) between 121.1 and 128.9 m;

- Hole TL0803: 26 readings were collected in mineralized muscovite-sericite-schist (MSS) between 62.0 to 70.2 m; and
- Hole TL0836A: 15 readings were taken from mineralized MSS occurring from 165.07 to 168.08 m.

The SCIP could not identify any clear correlations between chargeability and resistivity with gold mineralization or gold assays observed in these drill cores. However, both resistivity and chargeability values within the mineralized zones were consistent with the bulk resistivity and chargeability values obtained in the mineralized zones during the EarthProbe™ drill hole surveys.

Although the vertical depth of penetration for the EarthProbe™ survey is deeper (250 m), compared to the JVX survey which could only reach a vertical depth of around 60 m, CCIC was not able to define any new ground geophysical anomalies that weren't already identified by the 2008 JVX IP survey.

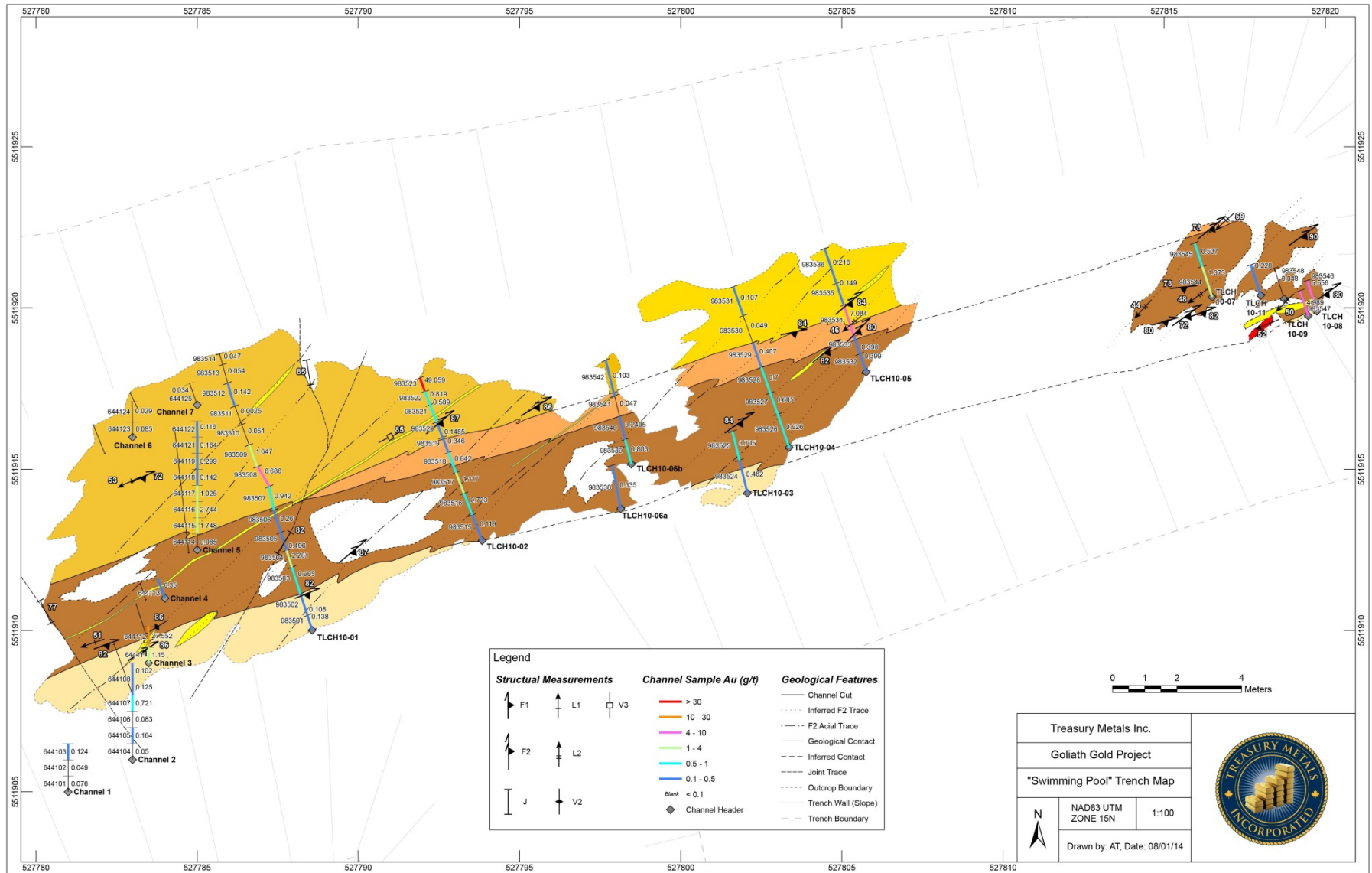
7.10 2010 Trenching Program

The 2008 trench was extended by CCIC to expose mineralized bedrock of the Main Zone for an approximate strike length of 42 m in the summer of 2010. This trench exposes the Central Shoot of the Main Zone and is located around drill section 527800E. It was geologically and structurally mapped at a scale of 1:100 and then systematically channel sampled (Figure 20).

The geology of the trench outcrop is described as well foliated 1 mm to 1 cm thick parallel layers/lenses of quartz-sericite-schist (MSS: white to grey) units alternating with quartz-biotite-sericite schist (BMS: dark grey to black) rock (Wetherup, 2010). This structure is interpreted to be an altered felsic volcanoclastic assemblage of rocks. Locally, augen-shaped quartz-eyes, 1-3 mm in length, occur within both the sericite and biotite layers as well as 1-10% disseminated pyrite+/-galena+/-sphalerite+/-chalcopyrite. Four distinct geological units were mapped within the trench outcrop based on their relative abundances of biotite rich versus sericite rich layers, quartz silicification and sulphide content (Figure 20). Geological contacts are gradational. From South to North, these units are described below.

Unit 1 is a stark white MSS unit in the southernmost exposure of the trench consisting of ribbons of very fine grained quartz (almost cherty) with 1-2 mm wide layers of sericite containing around 75-85% quartz, are strongly deformed, silicified with up to 1% disseminated pyrite.

Figure 20 – Geology and Structural Map of the Main Zone Trench & Channel Assays



Unit 2 contains significantly higher sulphide minerals (2 to >10%) disseminated throughout and along foliation planes parallel to layering and this unit is darker in colour than Unit 1 as it contains 5-15% quartz-biotite-sericite schist layers. Locally, sulphide content can exceed 10% and on the east end of the trench a 30 cm wide semi-massive sphalerite-galena-pyrite-chalcopyrite layer occurs at the contact with Unit 1.

Unit 3 is a gradational unit between Units 2 and 4 and contains ~15 to 30% quartz-biotite-sericite schist layers with 2-3% disseminated pyrite. It is distinct from Unit 4 because of its slightly higher pyrite content and it possesses more continuous layering similar to Unit 3.

Unit 4, an MSS unit, contains alternating layers of white and grey quartz-sericite schist layers and 5-40% (generally 25%) quartz-biotite-sericite schist layers with 1-2% pyrite and appears to be less siliceous than the other three units.

Table 15 summarizes the structures mapped in the Main Zone trench. Overall, CCIC concluded that the best potential for the highest gold concentrations are likely to occur near the F_1 - F_2 intersections and in areas where there is an increased intensity of F_2 structures in the formation of high-grade shoots. It was also noted that concentrations of sulphide minerals also increased where F_2 fold hinges cut the Main Zone. They also recommended that future drilling programs should be focused along these westward plunging shoots.

A total of 47 channel samples plus two duplicates were collected for the trench covering all four geological units (Figure 20). The highest channel sample assays are presented on Table 16. Overall, samples from Unit 1 (3 samples taken) were generally low with the highest of 1.15 g/t Au over a channel sample length of 0.5 m (sample 644111). Unit 2 (22 samples), which contained the most sulphide mineralization, returned three high grade samples of 27.55 g/t Au over a sample length of 0.65 m, 5.56 g/t Au over 1.0 m and 4.99 g/t Au over 0.60 m (Table 7). The latter sample also returned 133.43 g/t Ag over the 0.6 m channel length. A metallic screen fire assay of sample 644112 returned 12.98 g/t Au. Unit 3, with a total of 5 samples, averaged 2.11 g/t Au with a high of 7.08 g/t Au and 217.14 g/t Ag over a sample length of 1.0 m (sample 983534). A total of 17 samples were collected from Unit 4 and averaged 2.99 g/t and returned the highest gold assay grade of the program of 49.06 g/t over a sample length of 0.55 m hosted in the MSS rocks.

Table 15 – Summary of Structures Mapped in the 2010 Main Zone Trench

Event	Structure	Description	Veins	Description
D ₀	S ₀	Compositional layering of meta-volcanic and meta-sedimentary rocks; argillic alteration zones (?)	V ₀	White to grey, highly deformed, S ₁ foliation parallel very fine grained quartz-sulphide ribbons and silicification with narrow sericite lamellae
D ₁	F ₁	Isoclinal folding	V ₁	White coarse grained deformed, foliation parallel distended quartz lenses (rare)
	S ₁	F ₁ axial planar and layer parallel foliation/schistosity ~073/80°		
	L ₁	Stretching lineation, axis to isoclinal fold hinges; trend ~248°, plunge 52°		
D ₂	F ₂	Closed (interlimb angle 60°) folds; axial planes ~052/83°; discrete, 20 cm to 1.5 m spacing	V ₂	Weakly deformed white quartz+/-sulphide lenses along F ₂ axial planes.
	L ₂	F ₂ fold axes trend 228° and plunge 49°		
D ₃	J(?)	Brittle joints oriented ~162/81° and 032/82°; possibly related to NW Fault	V ₃	White un-deformed, planar cross-cutting quartz-tourmaline+/-sulphide veins near vertical WSW striking.

Source: Wetherup (2010)

Table 16 – Best Channel Sample Assays of the 2010 Main Zone Trench

Channel	Sample No.	Length (m)	Unit	g/t Au	g/t Ag
TLCH10-02	983523	0.55	4	49.059	
TLCH10-01	983508	0.75	4	6.686	
TLCH10-05	644115	0.5	4	1.748	3.7
TLCH10-01	983509	0.85	4	1.647	
TLCH10-05	983534	1.00	3	7.084	217.14
TLCH10-03	644112	0.65	2	27.552	2.19
TLCH10-08	983546	1.00	2	5.556	
TLCH10-09	983547	0.60	2	4.989	133.43
TLCH10-01	983504	0.50	2	2.281	
TLCH10-07	983544	0.90	2	1.373	
TLCH10-02	983517	0.65	2	1.117	

7.11 2010 Petrographic and Scanning Electron Microscope Study

Two polished sections of two samples collected from diamond drill hole TL0814 for petrographic examination (Beakhouse, 2010). The samples were analysed by Gary Beakhouse of

the **Ministry of Northern Development of Mines** (“MNDM”) under plan polarized, cross-polarized and reflected light as well as on the OGL scanning electron microscope (SEM). The following observations were reported:

- Minor amounts of gold were present in both thin sections; small grains infilling pyrite in association with galena, between sphalerite grains or between larger pyrite crystals;
- It was unclear if the gold occurred in the sulphides or whether the association observed is representative and accounts for the high gold assay results (38.63 g/t Au and 44.62 g/t Ag);
- Gold is spatially associated with galena and sphalerite and appears to be paragenetically late;
- Galena and sphalerite exhibit a paragenetically late timing relative to other sulphides occurring as overgrowths around, and veins within, pyrite and minor amounts of arsenopyrite;
- The timing relationship of chalcopyrite is unclear; and
- Silicate mineralogy consists of quartz, feldspar, white mica and calcium aluminosilicate (stilpnomelane?).

Mineralogical observations are supported by 14 photomicrographs identifying the various mineral phases and relationships.

7.12 2011 Fugro Airborne Geophysical Survey

A DIGHEM electromagnetic and magnetic helicopter supported airborne geophysical was carried out for Treasury over the Goliath Property between July 14 and July 16, 2011 (Fugro Airborne Surveys, 2011). A total of 531.46 line-km of traverse lines (oriented north-south) were flown with a spacing of 100 m and 54.16 km of tie lines with a spacing of 1,000 m for a total of 585.6 km for the complete survey.

Fugro created the following set of maps: (1) Horizontal Gradient Enhanced Total Magnetic Intensity, (2) Calculated Vertical Magnetic Gradient, (3) Apparent Resistivity (56,000 Hz), (4)

Apparent Resistivity (7,200 Mz), and (4) DIGHEM EM Anomaly Maps. All final maps were created at a scale of 1:20,000 with the Universal Transverse Mercator (UTM Zone 15N) coordinate system, NAD83 Datum. The results of the Fugro airborne survey are summarized below from the technical report by Roy et al. (2012):

- Magnetic calculated vertical gradient (CVG) and horizontal gradient enhanced total magnetic intensity maps clearly define geological rock contacts throughout the property;
- An iron formation with high magnetic responses (BIF) is defined in the western part of the property;
- The Thunder Lake Assemblage of meta-volcanic and meta-sedimentary rocks also show strong magnetic intensity in the southern parts of the property;
- A combination of magnetic and resistivity parameters have outlined a few very interesting magnetic lows that coincide with resistivity highs that might reflect alteration zones or siliceous caps warranting further investigation;
- Deep conductive units are potentially capped by superficial resistive units;
- Several low resistivity zones where values are less than 100 ohm-m likely represent conductive clays or graphitic shales which some of the more discrete responses might be caused by conductive sulphide content or clay-altered shears; and
- The survey identified 987 EM anomalies with nearly 69% of those linked to conductive overburden or metasedimentary rocks, about 7.5 % are due to cultural sources and approximately 23.5% are due to possible or probably bedrock sources.

7.13 2012 Goliath 3D Inversion Study of Aeromagnetic Survey Data

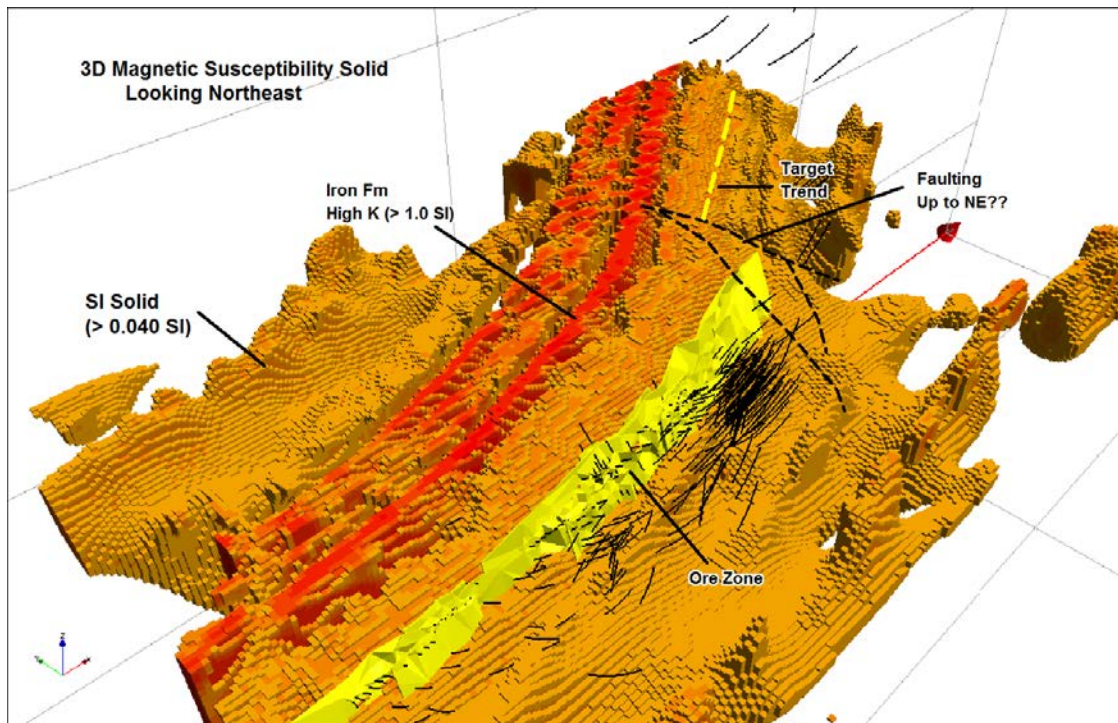
In 2012, a three dimensional (3D) inversion modeling study was completed by Ellis (2012) using the Fugro airborne magnetic survey data (assuming they used the Fugro dataset). This study was initiated to (1) attempt to identify the aeromagnetic signature of the Goliath Gold Deposit, (2) to determine the possible explanation for the apparent termination of the zone east of the main deposit and (3) define possible easterly extensions of the gold-bearing zone again east and northeast of the deposit.

The 3D inversion modeling of the aeromagnetic data generates a solid of magnetic susceptibility that will fit the raw magnetic data within a predefined error tolerance. A series of 3D susceptibility solid maps at 350 m elevation, including cross-sections of the model, were prepared to compare with both known zones of gold mineralization at Goliath and local geology. The models clearly define a north trending normal fault that displays left lateral motion disrupting the main deposit in the east and shifting the main zone north of its present location (Figure 21). The red areas on the map in the north represent the iron formation. Ellis (2012) also had the following additional observations:

- There is a bend in the iron formation to the north that is consistent with shifting of the target trend of mineralization to the north by the fault; and
- That the stratigraphy hosting the gold mineralization is not always concordant with mineralization (structurally controlled).

The 3D inversion modeling was able to demonstrate where the gold mineralized zone resume east of the fault for future drill targeting of the Main Zone (Eastern Alteration Corridor, east of the fault).

Figure 21 – 3D Magnetic Susceptibility Solid Map, 350 m Elevation



7.14 2012 Thin Section Study of Mineralized Drill Core

A total of 18 samples collected from nine (9) diamond drill holes were submitted to **Vancouver Petrographics Ltd.** in Langley, British Columbia, in 2012 for Petrographic thin section work (Table 17). An examination of these samples concluded that (Leitch, 2012):

- Seven (7) samples likely represented either felsic to intermediate meta-volcanic rocks (samples TLTS-3 to 7, TLTS-10 and TLTS-12);
- Seven (7) samples represented exhalative rocks containing massive or semi-massive sulphides with some local significant occurrences of visible gold (samples TLTS-11, TLTS-14 to 18, and TLTS-13);
- Two samples likely represented mafic meta-volcanic rocks (samples TLTS-2, TLTS-9);
- One possibly a meta-microdiorite rock (sample TLTS-8); and
- One was a possible anhydrite-quartz-amphibole-green biotite vein hosted in felsic to intermediate meta-volcanic rock (sample TLTS-1).

Detailed petrographic descriptions and photomicrographs were included with the final report.

7.15 Resource Estimates Prepared for Treasury Metals Incorporated

A.C.A Howe International Limited (“Howe”) has prepared gold and silver mineral resource estimates in 2008 and 2010 for work carried out under the supervision of CCIC (Roy and Trinder, 2008; Roy, 2010).

In September-November, 2011, Howe prepared a resource estimate for the Goliath deposit using all historical and Treasury drill holes up to hole TL11228, drilled during 2011 covering the Main and C Zones (Roy and Trinder, 2011). Variography was carried out for gold and silver and Ordinary block kriging was used for estimating block grades. Resources were defined using a block cut-off grade of 0.30 g/tonne for surface resources (less than 150 metres deep) and 1.5 g/tonne for underground resources.

Table 17 – Rock Samples Submitted for 2012 Petrographic Examination

Sample No.	Drill Hole	Depth (m)	Comments
TLTS-1	TL11229	224.75	F ₁ /chlorite veining
TLTS-2	TL11229	148.60	Orange porphyroblasts and cordierite (?)
TLTS-3	TL11223	527.00	Green silicate band with silicification and some sulphide mineralization
TLTS-4	TL11229	234.42	MSS (East), Northeast exploration area, no mineralization
TLTS-5	TL11135	321.20	MSS (West), silicified, no mineralization
TLTS-6	TL11222	358.00	BMS (East), Northeast exploration area
TLTS-7	TL11209A	129.15	BMS (West) from western zone
TLTS-8	TL11222	363.15	Massive, less foliated BMS with quartz eyes
TLTS-9	TL11187	179.95	Mafic Dyke
TLTS-10	TL11209A	129.80	F ₂ fold
TLTS-11	TL11148	55.35	Massive fuchsite/chlorite with black tourmaline and/or amphibole minerals
TLTS-12	TL11193	377.10	Mineralized zone with coarse pyrite, chalcopyrite, sphalerite and galena; Sample #1076645 (0.25 g/t Au)
TLTS-13	TL11121	266.70	Semi-massive sulfide band; Sample #981132 (19.63 g/t Au)
TLTS-14	TL11121	268.15	Deformed quartz veins (no VG); Scattered sulfides, Sample #981135 (Trace gold)
TLTS-15	TL11122	270.70	Low Grade (1-2 g/t Au); Sample #981248 (1.24 g/t Au)
TLTS-16	TL11152	239.20	Medium to High Grade; Stringers adjacent to quartz veins, Sample #1007597 (18.6 g/t Au)
TLTS-17	TL11135	325.95	Medium to High Grade; Edge of semi-massive sulfide band, increased lead, Sample #983067 (10.3 g/t Au)
TLTS-18	TL11130	341.30	Deformed & boudinaged quartz veins (with VG); Several VG flecks with quartz, Sample#981797 (89.2 g/t Au)

Non-diluted “Indicated” Mineral Resources (Surface plus Underground), located within the Main Zone and C-Zone, totalled 9.1 million tonnes with an average gold grade of 2.6 g/tonne and an average silver grade of 10.4 g/tonne, for 810,000 ounces of gold and gold equivalent.

Non-diluted “Inferred” Mineral Resources (Surface plus Underground), from all zones, totalled 15.9 million tonnes with an average gold grade of 1.7 g/tonne and an average silver grade of 3.9 g/tonne, for 900,000 ounces of gold and gold equivalent.

The 2011 resource estimate was used to prepare the 2012 Preliminary Economic Analyses (Roy et al., 2012).

7.16 2011 and 2012 Metallurgical Test Work

Metallurgical test work has been completed by Treasury in 2011 and 2012 by **G&T Metallurgical Services Limited** (“G&T”) of British Columbia, Canada. The results of this work have been summarized in the P&E technical report (Puritch et al., 2015).

In 2011, G&T completed preliminary metallurgical testing on a 59 kg composite sample grading 3.5 g/t Au and 25 g/t Ag. This test program evaluated grindability, gravity concentration, flotation and cyanidation at a cost of **\$21,830** (G&T Metallurgical Services Limited, 2011). The composite sample consisted of 30 drill core samples selected from seven (7) drill holes numbered TL0801, TL0804, TL0836A, TL0963, TL0966, TL10115 and TL10118.

A series of gravity and cyanidation tests on a 398.5 kg sample made up of half core splits of 163 samples was completed by G&T in 2012 at a cost of **\$30,347** (G&T Metallurgical Services Limited, 2012). The samples were selected from sixteen holes drilled between 2008 and 2011 (Table 18). According to Puritch et al. (2015), high extractions were obtained in all tests with little apparent effect of grind on gold extraction and cyanidation tests on the variability composites using a gravity-cyanidation flowsheet returned generally high gold extractions.

Table 18 – Samples Selected for 2012 G&T Gravity and Cyanidation Testing

	Hole No.	Weight (kg)
1	TL0802	24.6
2	TL0806	12.8
3	TL0814	18.8
4	TL0819	5.5
5	TL0824	19.6
6	TL0984	20.8
7	TL10100	41.6
8	TL1097	41.4
9	TL11125	32.2
10	TL11129	40.4
11	TL11178	26.9
12	TL11193	40.5
13	TL11199	17.7
14	TL11205	20.4
15	TL11207	16.6
16	TL11226	18.7
	Total	398.5

7.17 Environmental Impact Statement

Since 2008, Treasury has commenced extensive environmental, geotechnical, metallurgical, engineering, socio-economic, and logistical studies in order to advance the Goliath Gold Project towards commissioning and operation. To date, the Company has spent over **\$2,475,000** on environmental and other support work to both complete and present an Environmental Impact Statement (“EIS”) for regulatory approval and consultation by all parties affected by the proposed Project including the Public. A baseline environmental study was initiated in November 2010 and since then work has included activities monitoring the physical and biological environment in addition to socio-economic studies, and environmental consultation efforts with public and First Nation stakeholders. Important milestones completed to date in the permitting process have been summarized in Table 18.

Treasury submitted a project description to the Canadian Environmental Assessment Agency (“CEAA”) on November 26, 2012 and on January 18, 2013 received draft guidelines for the preparation of EIS for an environmental assessment conducted pursuant to the *Canadian Environmental Assessment Act, 2012*. The EIS guidelines were issued as final on February 21, 2013 and the final document was prepared in accordance with the EIS guidelines (Executive Summary: Treasury Metals Incorporated, 2015). Treasury used the EIS guidelines as reference in adopting a precautionary approach to planning and designing the Project. At each stage of planning and development, alternatives were assessed and where possible mitigation of potential effects was incorporated into the Project design. The EIS report is intended to fulfill the requirements as set within the EIS guidelines issued by the CEAA. A full copy of the report can be reviewed and downloaded from Treasury’s website at www.treasuremetals.com.

The EIS process is legislated at a total government working time of 365 days. To date, 127 of these days have been used leaving a total of 238 government working days left to complete the Environmental Assessment by CEAA. This time does not include days used by the company to respond to information requests sent by CEAA. The company will also be working in parallel with all respective provincial ministries to satisfy provincial permitting requirements.

TABLE 19– Environmental Permitting Work Completed by Treasury Metals Inc.

Year	Date	Environmental Permitting Event
2010	November 1, 2010	Environmental Baseline Study Initiated
2012	November 27, 2012	Project Description Accepted by the Canadian Environmental Assessment Agency (“CEAA”)
2012	December 3, 2012	Public Comments Invited – Submitted to CEAA
2013	January 17, 2013	CEAA determined that a Federal Environmental Assessment (“EA”) is required for the Goliath Gold Project
2013	January 18, 2013	Environmental Assessment Commenced and Draft Environmental Impact Statement (“EIS”) was issued for public comment – deadline February 17, 2013
2013	February 21, 2013	EIS Guidelines were finalized and Treasury started EIS
2015	April 10, 2015	EIS submitted to CEAA for Review and accepted as conforming to EIS Guidelines
2015	April 25, 2015	Public Consultation Started with Public Invited to Comment on EIS
2015	June 30, 2015	Treasury receives comments from CEAA requesting addition information in support of the EIS

7.18 Diamond Drilling

Treasury has conducted eight (8) previous diamond drilling campaigns on the Goliath Property since 2008 to the end of 2012. During that period, a total of 358 diamond drill holes totalling 108,341 m have been completed including 295 newly collared holes and 15 re-entry holes for a total of 100,568 m (Table 20, Figure 22). All holes were drilled with NQ or NQ2 size core. The diamond drilling programs completed from 2008 to 2012 have been well summarized by Technical Reports prepared by Puritch et al. (2015), Roy et al. (2012) and Roy and Trinder (2011) as well as a number of drilling reports that have been filed for assessment credits by CCIC and Treasury with the MNDM. No further assessment reports have been filed since the end of 2012. Selected highest gold grade intercepts for the diamond drilling programs is presented on Table 21. Table 22 presents selected best drill hole intercepts over sample lengths of 1.5 m with gold assay returns of greater than 10 g/t Au. Metallic assays have been integrated into both tables when available. Lengths reported in these tables are core sample lengths and do not represent true widths. The reader is directed to Appendix IX of the P&E technical report (entitled “Historical Drill Hole Details”) for drill hole details. Additional information regarding the drilling program including Press Releases can be found on the Treasury website.

Caracle Creek International Consulting Inc. (“CCIC”) designed and supervised all of the drilling programs from 2008 to 2010. In February 2011, Treasury geological staff took over the direct supervision of all Goliath exploration activities.

Treasury has used three different drilling contractors to complete the drilling programs since 2008 (Table 23). The majority of the drill contracts were awarded to **Distinctive Drilling Services Inc.** of Westbank, British Columbia covering the years 2009 to 2013. Other contractors include **G & O Diamond Drilling Contractors Ltd.**, of Hay lakes, Alberta, which drilled the first 37 holes of the 2008 drilling campaign and **North Star Drilling Limited** out of Thunder Bay that is no longer in operation.

Each drill contractor constructed drill access trails and drill pads for each setup with water supplied by pump from local beaver ponds, creeks and streams. A Reflex single shoot down hole survey tool is used to survey the holes with readings taken at 50 m intervals. The drill casing is left in each hole and the hole capped to allow for future downhole geophysical testing and/or deepening of the hole.

TABLE 20 – Treasury Metals Inc. Diamond Drilling Program

Drill Program	Year	Dates Drilled	Hole Numbers	Meters Drilled
1	2008	February 18, 2008 to September 21, 2008	TL0801 to TL0855	13,121
2	2009	October 20, 2009 to December 15, 2009	TL0956 to TL0986	4,590
3	2010	February 20, 2010 to March 29, 2010	TL1087 to TL1094	5,111
4		May 2, 2010 to June 2, 2010	TL1095 to TL10112	5,153
5		December 2, 2010 to December 19, 2010	TL10113 to TL10118	1,818
6	2011	January 17, 2011 to September 1, 2011	TL11119 to TL11229	48,145
7	2012	January 25, 2012 to June 6, 2012	TL12230 to TL12277 TL220-12RE, TL234-12RE, TL231-12RE TL219-12RE, TL216-12RE	16,111
8		October 22, 2012 to December 14, 2012	TL12278 to TL12295 TL164-12RE, TL0852-12RE, TL230-12RE TL227-12RE, TL226-12RE, TL238-12RE TL242-12RE, TL148-12RE, TL225-12RE TL0826-12RE	6,519
TOTAL				100,568

Upon completion of each drill hole, the hole is initially surveyed with a GPS hand held instrument in UTM coordinates (NAD83 Zone 15N) and earlier holes surveyed using a Trimble survey instrument for more accuracy. Oriented core drilling was implemented for holes TL0822 to TL0837 using an EzyMark tool provided by **Boreinfo Ltd.** The objective of this oriented core drilling was to clarify the spatial relationships between structural features and their influence on the mineralization (Roy et. al, 2012).

The drill core was logged, split and stored at the exploration field office and core shack in Dryden under the supervision of the CCIC staff from 2008 to 2010.

Figure 22 – Treasury Diamond Drill hole Location Map

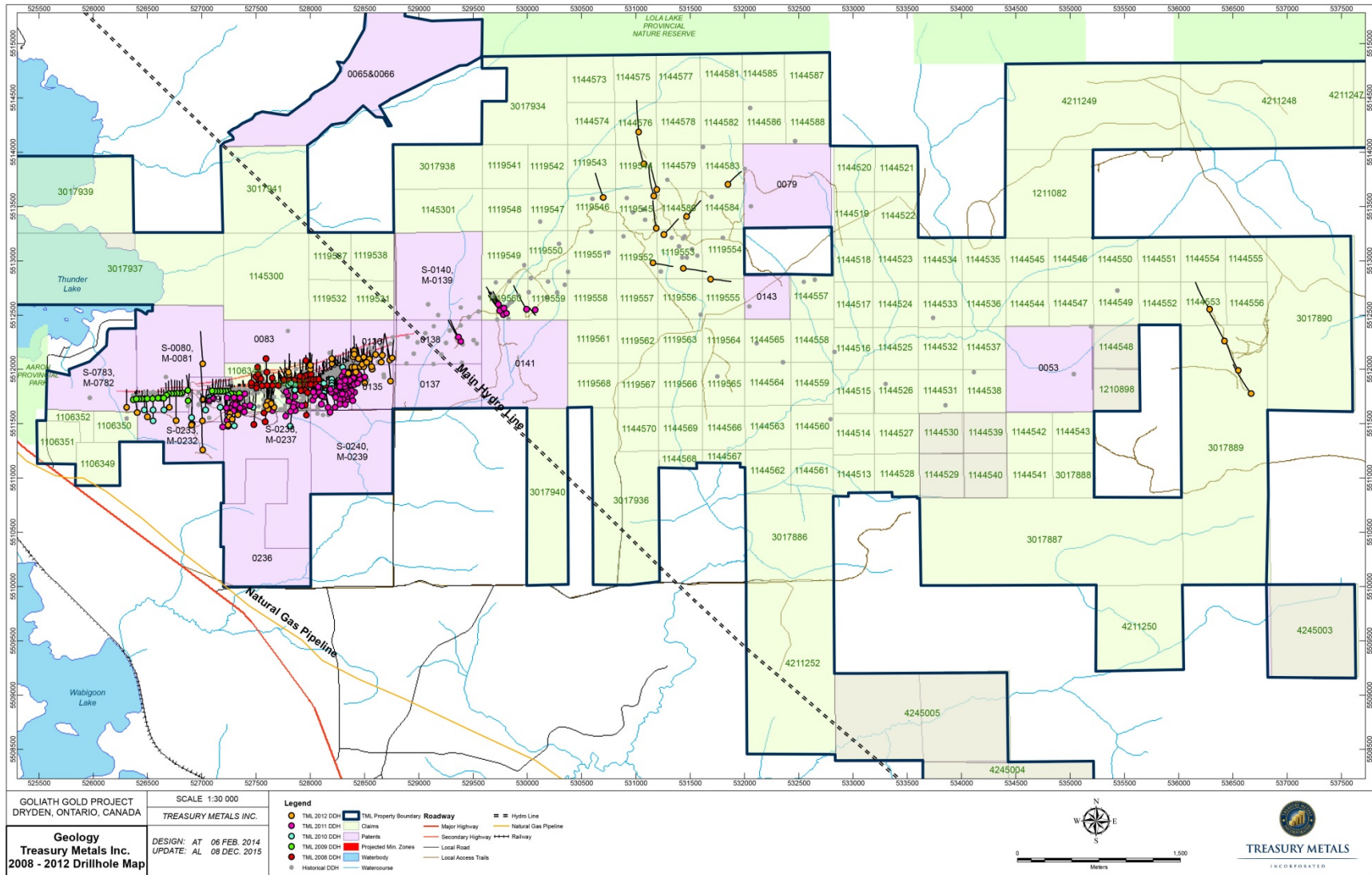


TABLE 21– Selected Highest Gold Assay Drill Hole Intercepts

Drill Hole	Section	Zone	From (m)	To (m)	Length (m)	Au (g/t)	Comments
TL15390B	527801E	B Zone	460.00	461.00	1.00	286.23	
TL14374	527425E	Western	234.50	236.50	2.00	199.75	
TL0801	527950E	Main Zone	74.00	75.00	1.00	82.37	
<i>Including</i>	528375E	Main Zone	323.25	328.50	5.25	77.25	Visible Gold
TL0815	527550E	Main Zone	50.80	51.00	0.20	68.49	Visible Gold
TL0984	527300E	Main Zone	67.50	69.00	1.50	58.09	
TL14341	527575E	C Zone	294.40	294.90	0.50	57.95	Visible Gold
TL10108	527475E	HW Zone	184.00	185.00	1.00	49.18	
TL10100	528200E	Main Zone	312.00	313.50	1.50	48.99	
TL0824	527950E	Main Zone	33.90	34.45	0.55	47.96	
TL0844	527500E	Main Zone	142.50	143.00	0.50	43.11	
TL0814	527600E	Main Zone	73.05	73.60	0.55	38.63	
TL0984	527300E	Main Zone	67.50	70.50	3.00	36.06	
TL11135	528375E	Main Zone	314.90	331.50	16.60	32.67	Visible Gold
TL14373-15RE	527450E	B Zone	335.00	336.00	1.00	29.31	Visible Gold
TL14350	527625E	C Zone	81.33	82.33	1.00	28.41	
TL14346A	527625E	C Zone	319.40	320.40	1.00	27.23	
TL15381B	527550E	B Zone	293.15	296.15	3.00	24.18	Visible Gold
TL11173	527300E	Main Zone	280.30	283.70	3.40	20.38	
TL11164	528325E	Main Zone	405.00	409.00	4.00	18.93	
TL164-12RE	527625E	C Zone	485.30	490.50	5.20	18.60	Visible Gold
TL11125	528125E	Main Zone	376.15	377.15	1.00	18.06	
TL11132	528300E	Main Zone	198.00	203.11	5.11	17.83	Visible Gold
TL12247	531175E	NE Fold	22.50	24.00	1.50	17.52	
TL11204A	527450E	Main Zone	223.50	229.50	6.00	17.32	
TL148-12RE	528125E	C Zone	201.00	202.50	1.50	17.13	
TL14352A	527850E	Main Zone	407.25	408.25	1.00	16.62	
TL15380	527425E	Main HW	269.90	272.00	2.10	15.85	
TL12284	527275E	C Zone	417.90	418.90	1.00	13.46	
TL14362	527500E	Main Zone	317.90	321.00	3.10	9.32	

TABLE 22 – Selected Gold Assay Drill Hole Intercepts (1.5 m & 10.0 g/t Au)

Drill Hole	Section	Zone	From (m)	To (m)	Length (m)	Au (g/t)	Comments
TL0801	527950E	Main Zone	66.00	75.00	9.00	13.00	
TL0844	527500E	Main Zone	142.50	144.00	1.50	14.76	
TL0836	527925E	Main Zone	165.00	169.48	4.48	11.22	
TL0984	527300E	Main Zone	67.50	74.00	6.50	16.97	
including	527300E	Main Zone	67.50	70.50	3.00	36.06	
including	527300E	Main Zone	67.50	69.00	1.50	58.09	
TL10100	528200E	Main Zone	312.00	313.50	1.50	48.99	
TL10100	528200E	Main Zone	310.50	313.50	3.00	26.97	
TL1098	528200E	Main Zone	279.00	280.50	1.50	21.04	
TL0981	527100E	Main Zone	60.50	62.00	1.50	12.78	
TL1098	528200E	Main Zone	274.50	276.00	1.50	17.12	
TL11135	528375E	Main Zone	314.90	331.50	16.60	32.67	
<i>Including</i>	528375E	Main Zone	323.25	328.50	5.25	77.25	
TL11132	528300E	Main Zone	198.00	203.11	5.11	18.00	Visible Gold
TL11204A	527450E	Main Zone	223.50	229.50	6.00	17.32	
TL11173	527300E	Main Zone	280.30	283.70	3.40	20.38	
TL11164	528325E	Main Zone	405.00	409.00	4.00	18.93	
TL11147	528375E	Main Zone	252.00	253.50	1.50	12.77	
TL164-12RE	527625E	C Zone	485.30	490.50	5.20	18.60	
TL12247	531175E	NE Fold	22.50	24.00	1.50	17.52	
TL12248	531250E	NE Fold	186.0	187.0	1.50	9.57	
TL14362	527500E	Main Zone	317.90	321.00	3.10	9.32	
TL14362	527500E	HW	252.50	254.00	1.50	10.82	
TL166-14RE	527725E	B Zone	419.00	421.00	2.00	6.67	
TL14355	527925E	Main Zone	282.00	284.00	2.00	9.30	
TL0855W2b	527600E	C Zone	565.50	567.25	1.75	9.44	
TL14374	527425E	Main Zone	234.50	236.50	2.00	199.75	
TL15381B	527550E	B Zone	293.15	296.15	3.00	24.18	Visible Gold
TL15380	527425E	Main HW	269.90	272.00	2.10	15.85	
TL15389	528025E	Main HW	448.00	451.00	3.00	11.67	Visible Gold

TABLE 23 – Drilling Contractors, Goliath Gold Project

Drilling Years	Drill Contractor Name
2008	G & O Diamond Drilling Contractors Ltd.
	North Star Drilling Limited (Thunder Bay)
2009, 2010, 2011,	Distinctive Drilling Services Inc. (B.C.)

Once Treasury staff took over the project management, they moved their operations to the former Tree Nursery facility located at the end of Tree Nursery Road which they purchased in 2011 (building and surface rights) covering an area of 136 hectares. This facility includes a large office building with a core logging and core cutting room, additional large building structures which are used for storing pulps, rejects and drill core and there is also a core farm on-site. A gate has been set up on the road at the pond restricting access to the site and the main office building is monitored by a security alarm system.

As the core boxes arrive at the core shack from the drill, the meterage in each box is recorded and verified by a technician and hole number and meterage interval labels are made using a dymo gun and the tags are stapled to the end of each box. RQD is also determined for each hole. Overall, core recovery has been excellent. The geologist then logs and marks out samples for assaying. Sample lengths are adjusted as necessary to reflect geological and/or mineralization contacts. Sample assay tags are placed in the box by the geologist. In general, samples range in width from 0.2 to 1.5 m with the majority of sampling being 1.0 m or 1.5 m in length. Longer sample lengths have been taken of strongly sheared core sections with poor core recoveries. All drill core boxes are photographed after they have been logged and sampled.

Samples are spilt using a core saw to retain half or the sampled sections for future verification and metallurgical testing (if required). Sample tags are placed in the bags and the sample number is written on the bag using a black permanent marker pen. Samples are then sealed in plastic sample bags using zip-straps, placed in sealed and numbered rice bags and shipped by bus or courier to the **Accurassay** laboratory in Thunder Bay, Ontario. This laboratory is an ISO 17025/IEC guideline accredited laboratory. Core boxes are placed in long-term storage on-site at the core farm.

Samples are analyzed for gold (Fire Assay), silver, zinc, lead and trace element geochemistry (ICP). Treasury switched over from 30 gm to 50 gm fire assays in February of this year. Samples containing more than 3.0 g/t Au and less than 5.0 g/t Au (6.0 g/t Au in recent years) are analyzed using the gravimetric method. Samples exceeding the upper threshold value of 5.0 or 6.0 g/t Au are analyzed with the pulp metallic method. This procedure attempts to overcome the “nugget effect” of gold by increasing the sub-sample size to 1,000 grams and physically collecting the free gold within the system using the 150 mesh sieve (Magyarosi and Peshkepia, 2011). Digital assay files provided by the laboratories are merged directly into the **Datamine** digital database using DHlogger and DHexplorer software to avoid errors in transferring data.

At certain times, the laboratory was requested to determine the specific gravity (SG) for selected core samples (ie. 92 SG requests in 2008). Treasury also did some SG work on drill core in-house. For this testing, an oven was not used but the core was “sun-dried” for the SG determination.

Upon arriving at the laboratory, samples were dried, jaw crushed to approximately 8 mesh and a 250 to 500 gm sub-sample taken. The sub-sample was then pulverized to 90% pass 150 mesh and then matted to ensure homogeneity. Silica sand was used to clean out pulverizing equipment. The homogeneous sample was then sent to the laboratory or the wet chemistry laboratory depending on the analysis required.

Quality Assurance/Quality Control (QA/QC) was monitored using certified reference material (CRM) on approximately 10% of the samples. Over the years, a range of high grade to low grade CRM's have been supplied by **CDN Resource Laboratories Ltd., Delta**, British Columbia, **ASL Lab**, Vancouver and **Accurassay** Laboratory, Thunder Bay, Ontario; standards containing both gold and sometimes gold and silver. CCIC inserted these **Blanks and Standards** sequentially every 20th sample with the drill core samples before shipment to the laboratory. Duplicate checks of the original assays were also undertaken to test for nugget effects (For example, 1,318 duplicates were analyzed in 2008; 426 duplicates during the 2009-2010 program).

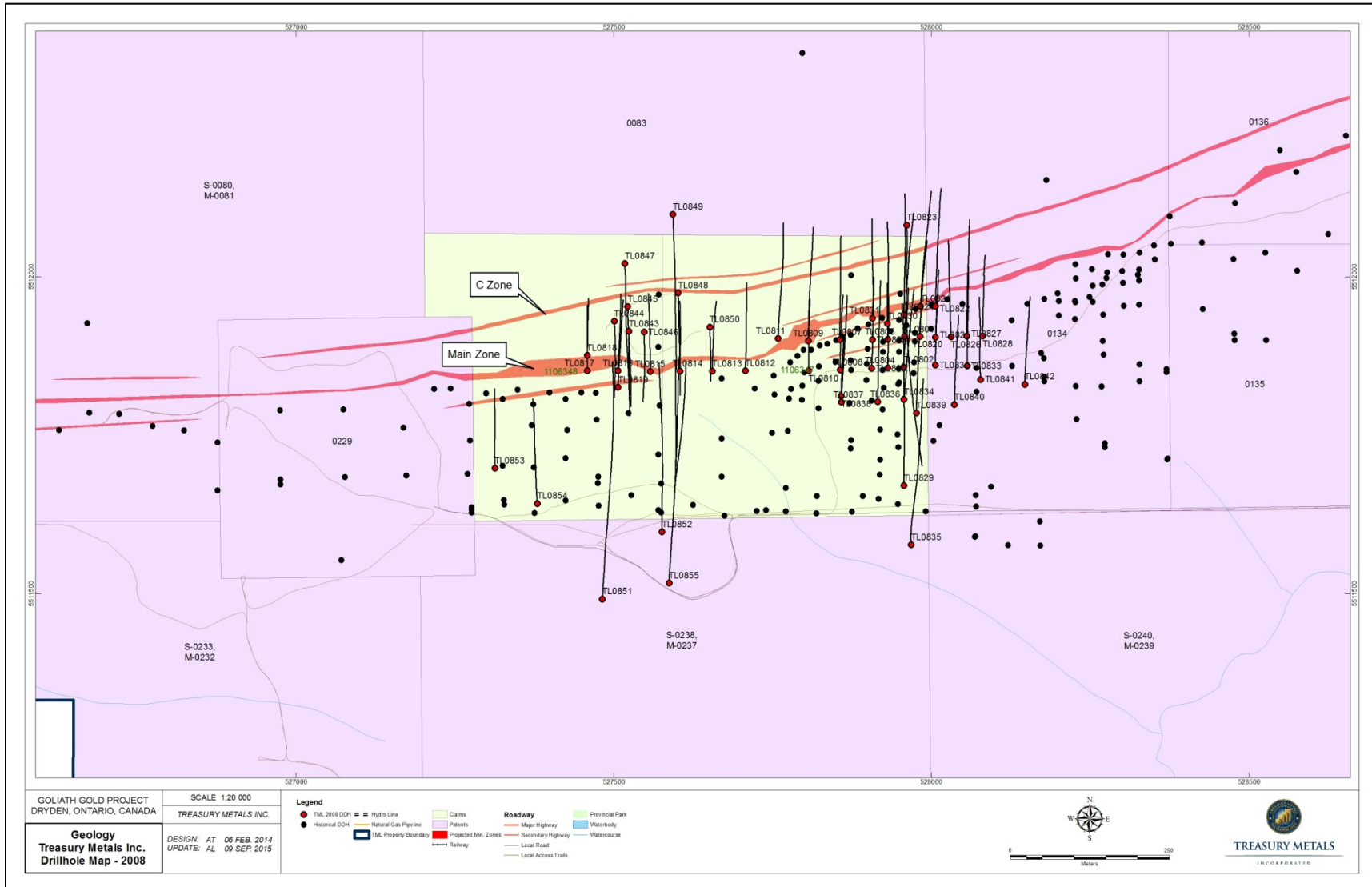
From 2011, Treasury inserted one every 11th sample starting with a powdered blank (not a coarse blank) and then followed in sequence by inserting first a low, medium and then high grade gold standard. Periodically, high grade gold standards are favored in sections of core where visible gold has been observed. Every 20th sample core is duplicated (the core is quarter split) and sent to the laboratory for assay comparison.

Each of the various drilling campaigns completed by Treasury since 2008 has been summarized below.

7.18.1 2008 Diamond Drilling Program

Fifty-five (55) NQ2 diamond drill holes were drilled on 21 drill sections for a total of 13,121 m from February 15, 2008 to September 22, 2008. The holes were numbered TL0801 to TL0855 and the diamond core drilling was NQ2 size only (50.6 millimetres in diameter).

Figure 24 – 2008 Diamond Drill Program (Goliath Gold Deposit)



This program targeted primarily the Main Zone over a strike length of 1,700 m within the resource-defined area to a maximum vertical depth of around 695 m (hole TL0835). The drill contracts were awarded to **G & O Diamond Drilling Contractors Ltd.** who drilled the first 37 holes and **North Star Drilling Limited** completed the remainder. The objective of this program was three-fold (Ilieva, 2009):

1. To both confirm and add potential gold ounces to the historical “Inferred” Mineral Resource (non-compliant with NI 43-101) of the Thunder Lake Deposit (now referred as the “Goliath Gold Deposit”);
2. To include not only gold but also silver, zinc and lead assays to eventually prepare new resource estimate of the deposit; and
3. To target deeper (>400 m) down dip extensions of known gold mineralized shoots.

This new drilling data was integrated into the new resource estimates prepared by A.C.A. Howe International Limited PEA in December 2008 (Roy, 2008).

Holes were drilled at azimuths of 360° or 180° with the inclination of each hole set at -45° or -60°. The first 10 holes (TL0801 to TL0810) were twinned holes in close proximity to former Teck drill holes along the deposit to confirm historical gold assays as well as sample areas downhole that were not previously sampled by Teck. Drill holes TL0801 to TL0837 were completely sampled from top to bottom. Once it was confirmed by CCIC that the gold mineralization was associated with the MSS unit and visible occurrences of sphalerite and galena, sampling was focused mostly on these targets and the Main Zone. Magnetic susceptibility readings were collected from 7,430.1 m of drill core using a hand held KT-9 Kappameter instrument.

All of the diamond drill holes intersected and tested the Main Zone which consisted of the Hanging Wall (M1) and Footwall (M2) sub-zones. Intersection core lengths of this zone ranged from 5.0 to 30.4 m (hole TL0836). Mineralized intervals were often narrow (up to 0.5 m) zones enriched with 3-5% visible sulphide, locally up to 15% (Ilieva, 2009). The main sulphide mineral phases identified were pyrite, sphalerite, galena, pyrrhotite, minor chalcopyrite, arsenopyrite and dark grey needles of stibnite in decreasing order of abundance. These sulphides occur as disseminations, blebs and stringer as well as cubic in the case of galena.

Visible occurrences of gold and electrum (gold-silver) are rare and are observed mostly in the MSS units and in leucocratic sericite-rich bands. For example, very rare specks of visible gold were found in holes TL0815 and TL0817 and downhole depths of 50.8 m and 129.2 m, respectively.

All of the holes intersected gold-bearing sulphide mineralization many returning significant assay results for gold silver, zinc and lead. Highlights of this program included the following drill hole intersections:

- Hole TL0801 intersected 13.0 g/t Au and 17.75 g/t Ag over a core length of 9.0 m from 66.0 to 75.0 m in the Main Zone. This interval also contained silver values ranging from 5.0 to 341.0 g/t Ag;
- Hole TL0815 encountered a zone containing 7% disseminated pyrite and 2-3% sphalerite, galena and chalcopyrite that assayed 9.47 g/t Au and 1.93 g/t Ag over a sample length of 1.5 m (50.0 to 51.5 m) including 68.49 g/t Au and 6.59 g/t Ag over a length of 0.20 m from 50.8 to 51.0 m (Main Zone); and
- Hole TL0824 returned 5.41 g/t Au and 18.69 g/t Ag over a core length of 8.0 m (30.0 to 38.0 m) including 47.96 g/t Au and 204.55 g/t Ag over 0.55 m (33.90 to 34.45 m) in the Main Zone with mineralization consisting of 3% blebs and stringers of sphalerite, galena and chalcopyrite.

All three holes were collared in base metal mineralized muscovite-sericite schist (MSS) rocks. Other notable intersections include:

- Hole TL0806 – 6.38 g/t Au and 286.0 g/t Ag over a sample length of 0.45 m (113.0 to 113.45 m);
- Hole TL0814 – 6.74 g/t Au and 5.42 g/t Ag over 6.0 m (71.0 to 77.0 m); and
- Hole TL0836 – 7.13 g/t Au and 34.5 g/t Ag over 12.7 m (164.3 to 177.0 m) including 36.99 g/t Au and 72.2 g/t Ag over 0.85 m (165.0 to 165.85 m) and 30.51 g/t Au and 364.41 g/t Ag over 0.33 m (171.15 to 171.48 m).

Gold concentrations were found to be independent of pyrite content. However, an increase in the pyrite (especially coarser grained pyrite) and sphalerite content corresponded to increases in both gold and silver grades. Grade wise, it was determined that an increase in chalcopyrite and galena didn't seem to affect the overall gold content or grade.

CCIC concluded that “low grade gold-silver mineralization is pervasive throughout the Main Zone but the high grade gold (>3.0 g/t Au) is concentrated in steeply west-plunging “shoots” with relatively short strike-lengths up to 50 m, good down-plunge continuity and remained open at depth.” Very rare flakes aquamarine green mica (fuchsite- Cr muscovite) were found to occur in the strongly altered sericite alteration in association with high grade gold.

7.18.2 2009 and 2010 Diamond Drilling Program

Four phases of drilling were completed from October 2009 to the end of 2010 (Table 20). The purpose of this drilling program was to (1) follow-up on the results of the 2008 drilling program with “infill” drilling to better define the resource in and around the Main Zone and expand it at depth and along strike and (2) to conduct exploration drilling to expand the known resource along strike to the west and to the east and at depth (Magyarosi and Peshkepia, 2011).

Sixty-three (63) NQ holes were drilled on 28 drill sections for a total of 16,672 m testing the gold potential of the main deposit over a strike length of around 2.0 km (Figures 25 and 26). The drill contract was awarded to Distinctive Drilling Services Inc. All holes were drilled approximately perpendicular to the mineralization with azimuths of 360° and 320° and dips ranging between -45° and -87°.

Drilling was conducted in four phases over the fourteen month period. Phase I was carried out in the fall of 2009 with 31 holes drilled for a total of 4,590 m (TL0956 to TL0986) with most of this work being concentrated in the western portion of the deposit. The Phase 2 was completed in the in the spring of 2010 and includes 8 holes numbered TL1087 to TL1094 for a total of 5,111 m. Phase 3 was initiated in the summer of 2010 were 18 holes were drilled for a total of 5,153 m (TL1095 to TL10112). The final phase of drilling was carried out in December, 2010 with the completion of 6 holes totalling 1,818 m numbered TL10113 to TL10118. The majority of the 2010 drill program tested primarily the eastern flank of the Main Zone as well as its down dip gold potential.

Figure 25 – 2009 Diamond Drill Program (Goliath Gold Deposit)

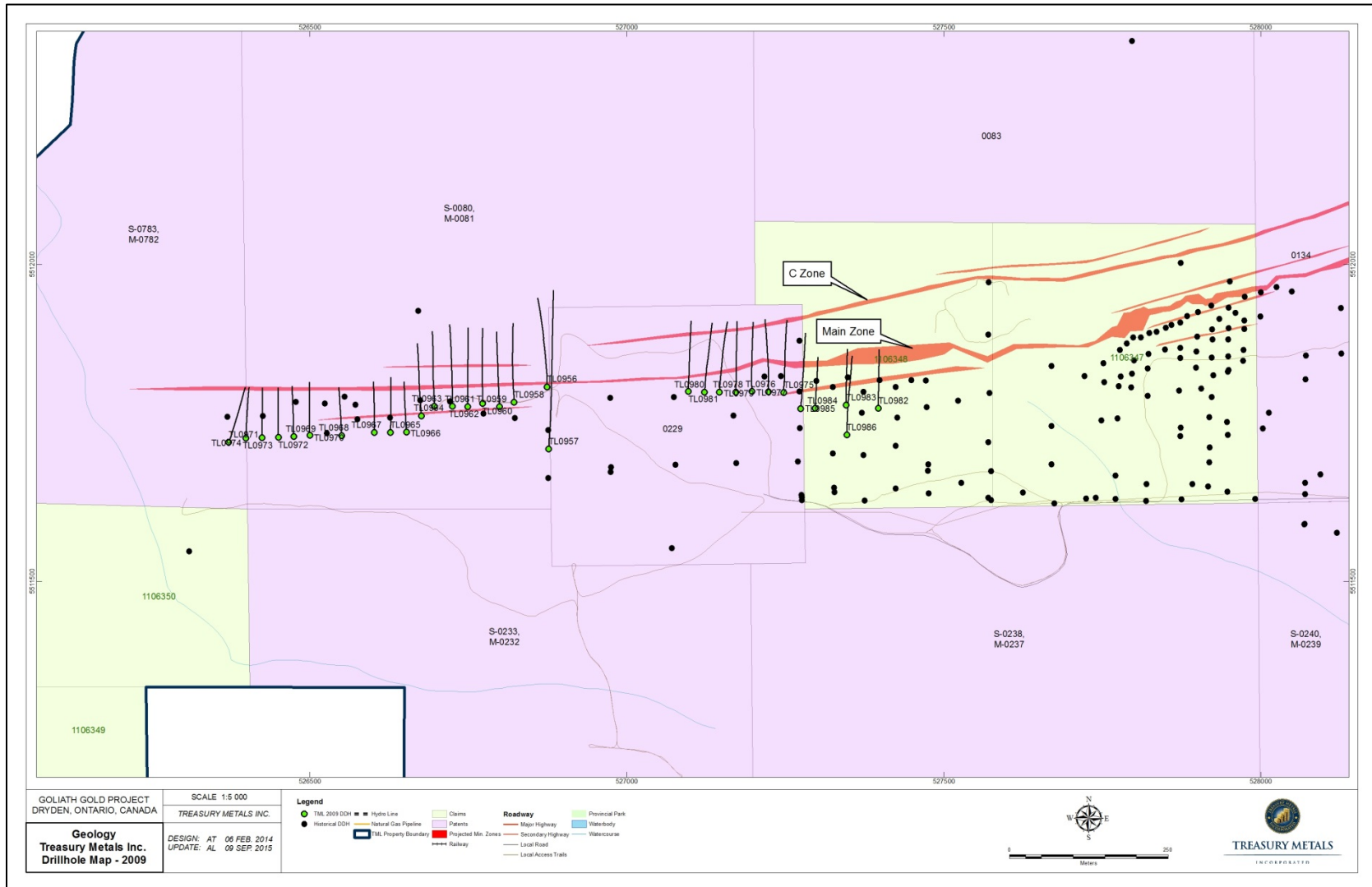
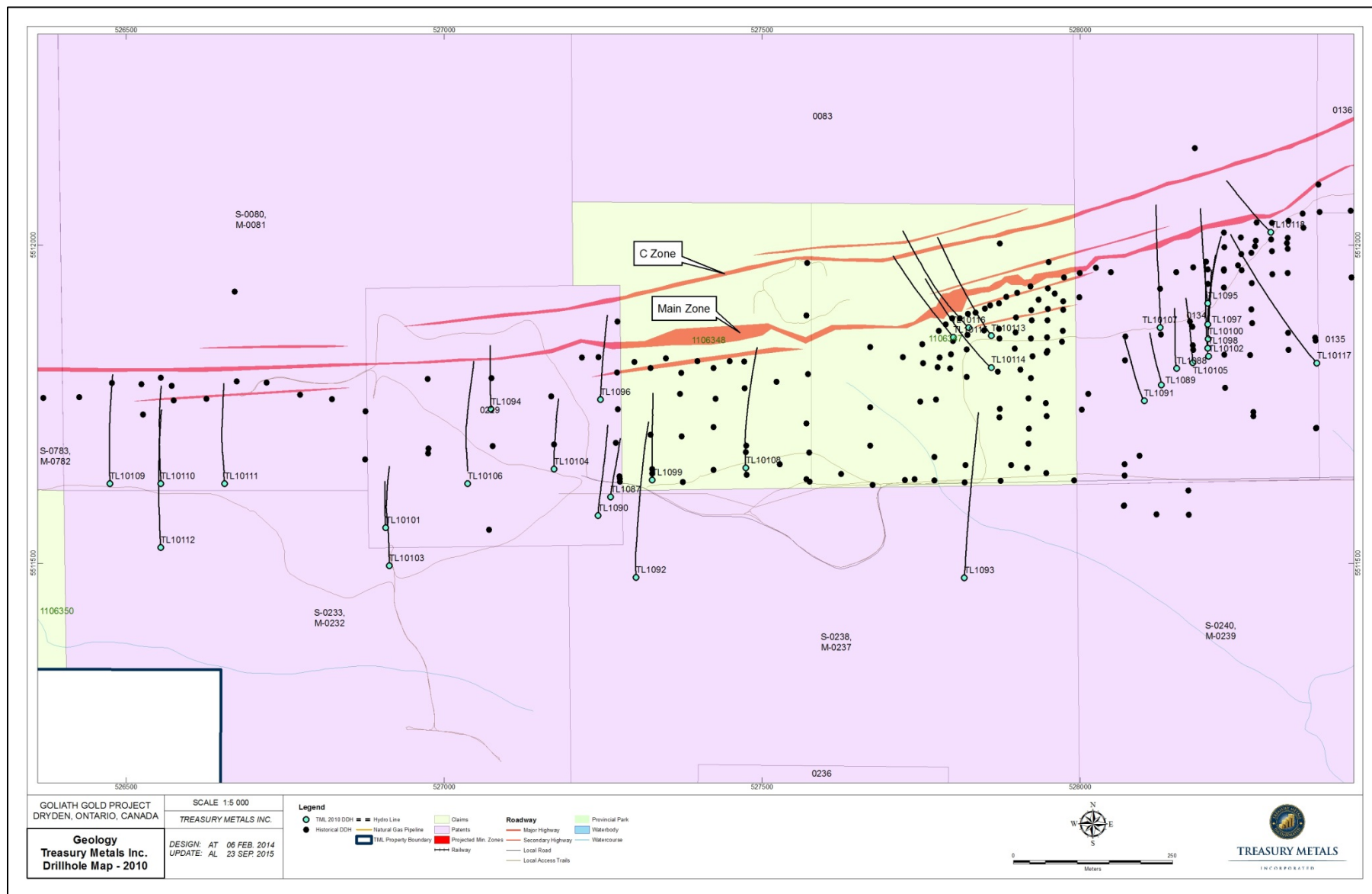


Figure 26 – 2010 Diamond Drill Program (Goliath Gold Deposit)



The drilling program was successful by extending the known mineralization and alteration corridor an additional 650 m to the west, 200 m to the east and tested the gold potential of the Main Zone to a vertical depth of 720 m.

Some of most notable best drill hole intersections in the Main Zone include:

- Hole TL0983 intersected 6.37 g/t Au and 4.5 g/t Ag over a core length of 6.0 m (16.5 to 22.5 m) near surface;
- Hole TL1092 intersected high grade gold mineralization returning 10.06 g/t Au and 21.0 g/t Ag over a sample length of 1.5 m (750.6 to 752.1 m) extending the Main Zone to a vertical depth of 720 m;
- Holes TL10117 and TL10118 intersected 5.51 g/t Au and 84.0 g/t Ag over 2.0 m (349.69 to 351.69 m) and 5.35 g/t Au over 2.48 m (86.00 to 88.48 m), respectively, extending the Main Zone 200 m further to the east; and
- Hole TL1088 intersected the widest mineralized zone returning 1.45 g/t Au and 3.23 g/t Ag over a sample length of 21.0 m (462.0 to 483.0 m).

High grade silver values were obtained from drill holes at the eastern portion of the Main Zone. Holes TL1097, TL1098 and TL10102 returned 12.96 g/t Au over 22.5 m (216.0 to 238.5 m), 259.15 g/t Ag over 3.0 m (279.0 to 282.0 m) and 11.05 g/t Ag over 25.5 m (343.5 to 369.0 m), respectively (Magyarosi and Peshkepia, 2011). The highest zinc assay was obtained from hole TL0965 that assayed 2.78% Zn over a sample length of 0.20 m (102.0 to 102.2 m) intersected at the westernmost extent of the Main Zone.

7.18.3 2011 and 2012 Diamond Drilling Program

Treasury completed three diamond drilling programs from January 17, 2011 to December 13, 2012 with the completion of 192 NQ2 drill holes totalling 70,775 m (Table 20). This drilling included 15 re-entry holes to extend historical Teck drill holes (Krocker and Wolfe, 2013). The objective of this drilling three-fold:

- To confirm and increase “Indicated” gold resources at Goliath;

- To locate additional gold resources at depths no more than 400 m from surface in and around the Main Zone focusing on the Western Shoot and on the eastern flank of the Main Zone. Several former Teck holes were re-entered in 2012 re-entry to test the gold potential of the C Zone; and
- To test new exploration targets that resided on strike with the Goliath Gold Deposit to the northeast following the known alteration corridor and other potential targets elsewhere on the property (reconnaissance exploration drilling).

Drilling was contracted to Distinctive Drilling Services Inc. The 2011 holes were drilled approximately perpendicular to the mineralized zone with azimuths ranging from 312⁰ to 005⁰ and dips ranging from -50⁰ to -87⁰. Most of the 2011 drilling was concentrated in the eastern portion of the main resource deposit (Figure 27). The new drilling data collected from the main deposit was integrated into the new resource estimates prepared by A.C.A. Howe International Limited PEA in 2010 and updated resource estimate in 2011 (Roy and Trinder, 2011; Roy, 2010).

According to Krockner and Wolfe (2013), compilation work indicated that there was approximately 11.5 km of potential strike length of the alteration corridor that hosts the Goliath deposit heading east throughout the remainder of the property to the far northeast corner of the property claim block. The folded stratigraphy (nose area) is clearly illustrated by the Fugro airborne magnetic survey data.

The 2012 drilling program including further drilling of the main resource deposit and exploration the gold potential of this 11.5 km proposed alteration corridor (Figures 28 to 30). A reconnaissance exploration drilling program was initiated to:

- Drill test the northeast strike extension of the main deposit in areas where Teck had previously intersected some high gold assay values (Parcel 0138 and claims 1119559 and 1119560);
- Drill test the large fold nose centered around claim 1144580 where F₂ folds were thought to possible concentrate gold mineralization (holes TL12244 to TL12254); and

Figure 27 – 2011 Diamond Drill Program (Goliath Gold Deposit and Northeast Corridor)

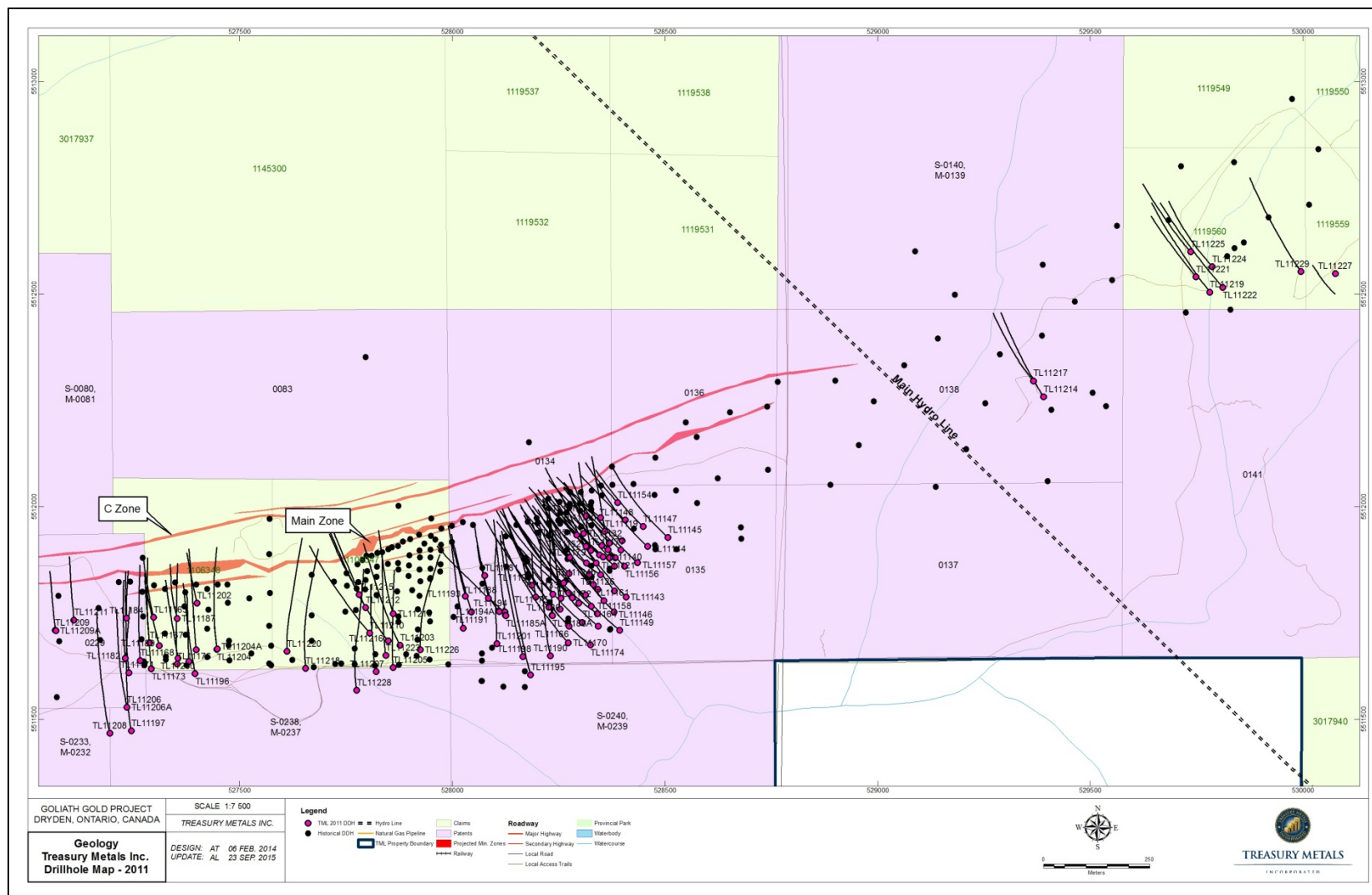


Figure 28 – 2012 Diamond Drill Program (Goliath Deposit)

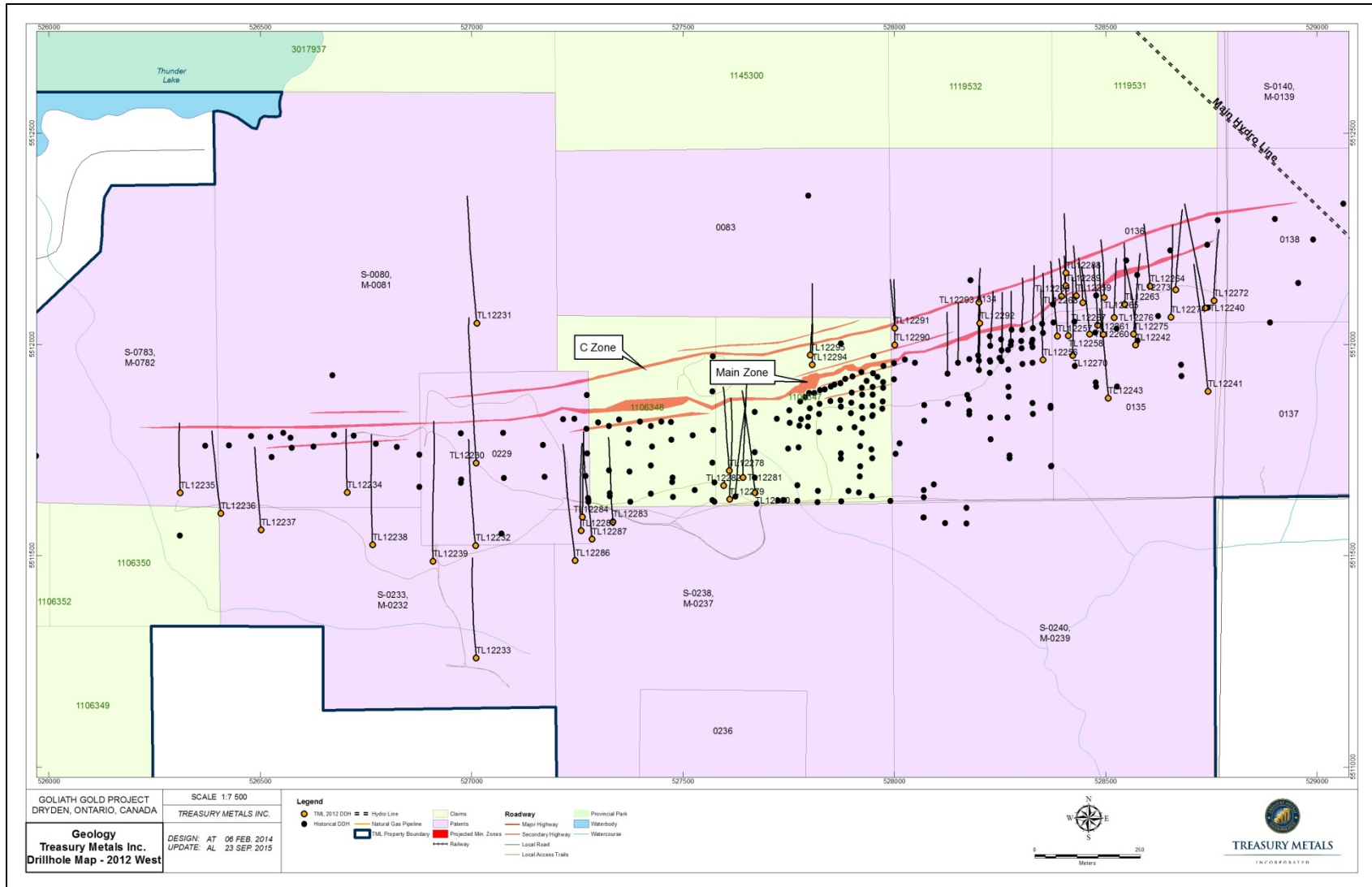


Figure 29 – 2012 Diamond Drill Program (Regional Nose Structure)

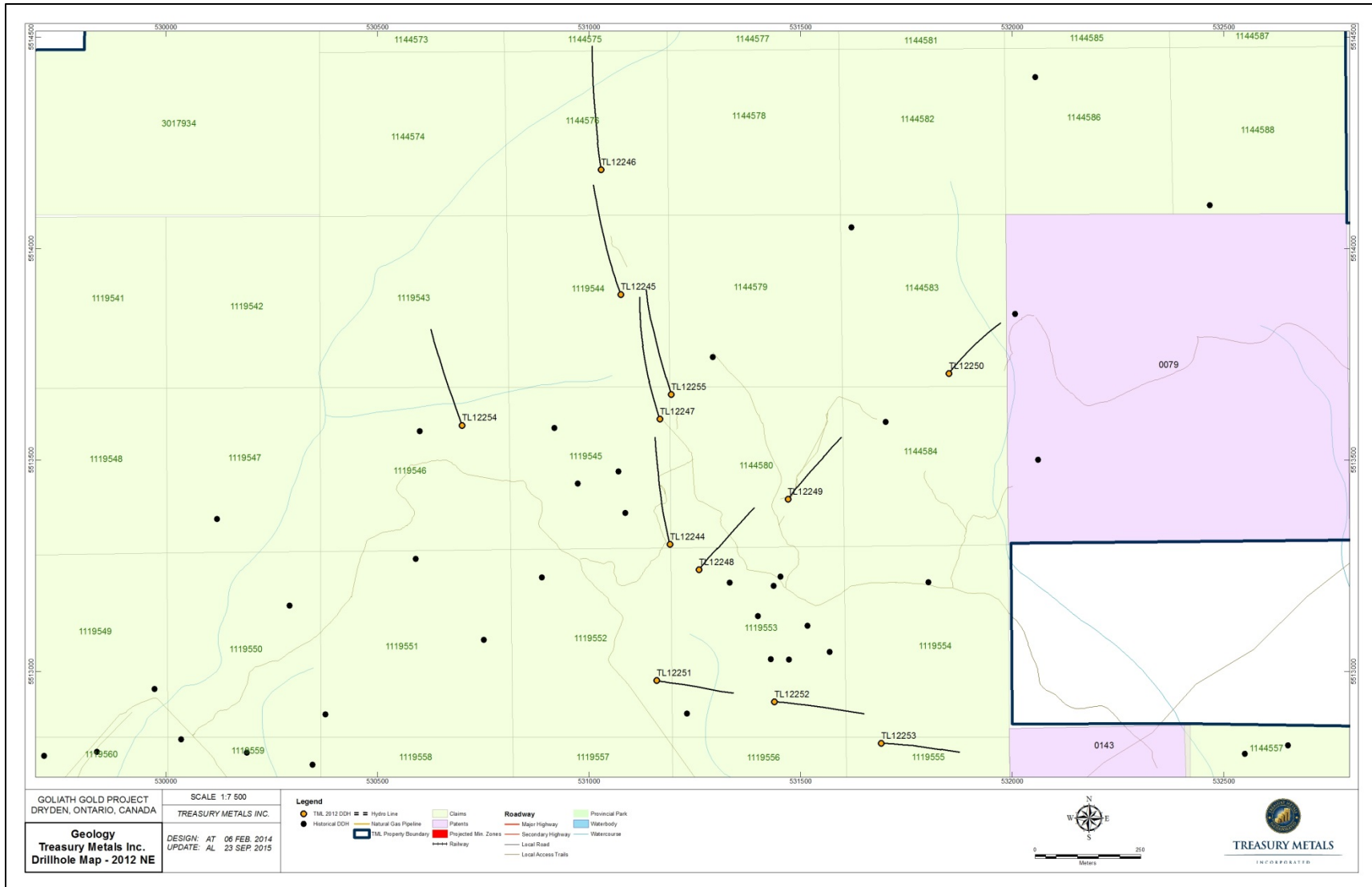
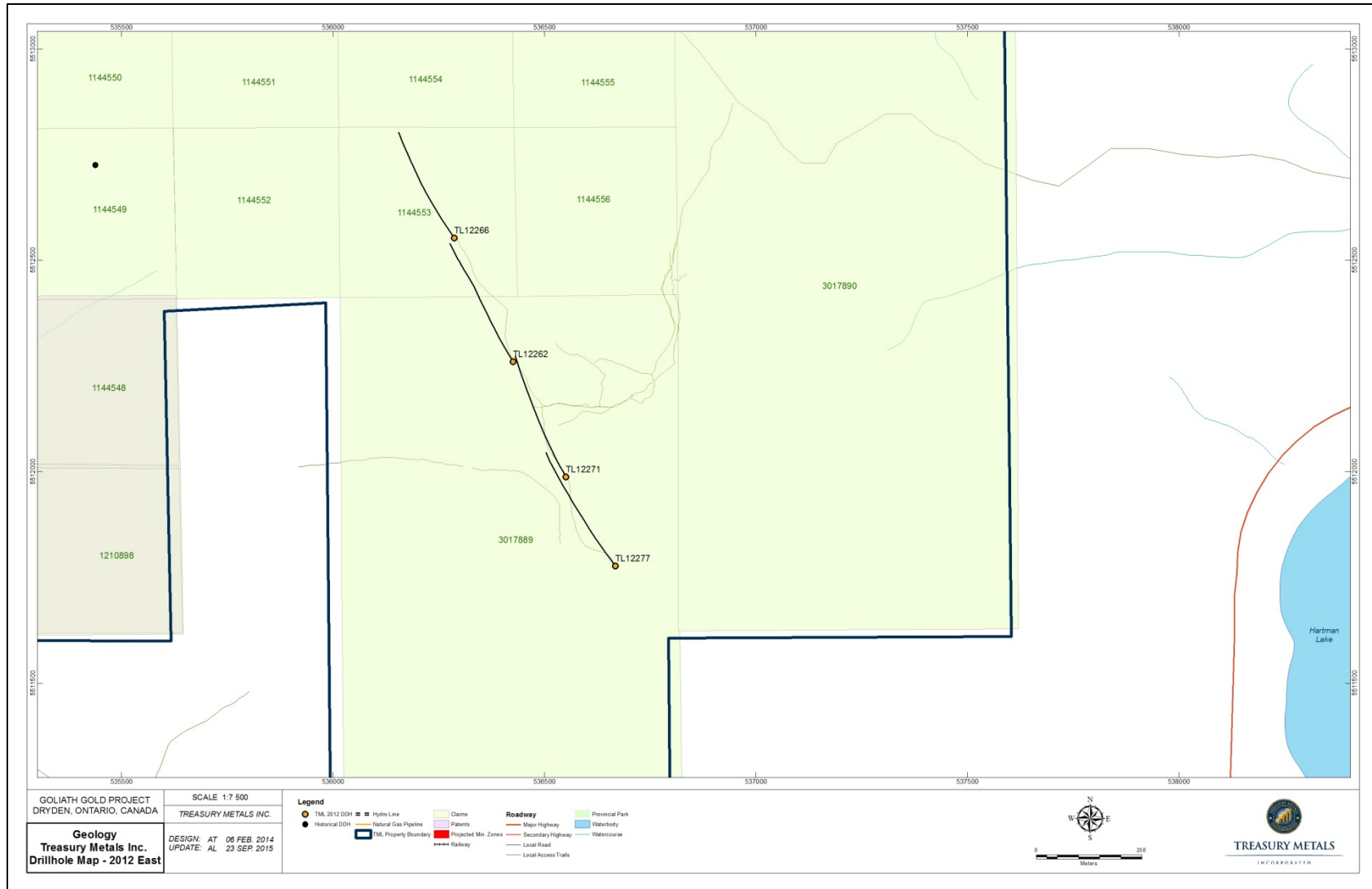


Figure 30 – 2012 Diamond Drill Program (East Drill Fence)



- Explore for similar Goliath deposit geology utilizing a north-northwest trending fence of four holes (covering claims 3017880 and 1144553) to test 1,200 m of prospective stratigraphy to a vertical depth of 300 m where alteration and gold mineralization was anticipated to occur (holes TL12266, TL12262, TL12271 and TL12277).

Hole azimuths' for the 2012 drilling ranged from 320⁰ to 360⁰ with hole dips ranging between -45⁰ and -70⁰.

2011 Drilling Results

The best drill hole intersections of the 2011 drilling was obtained from hole TL11135 that returned 32.67 g/t Au and 30.37 g/t Ag over a core length of 16.6 m (314.9 to 330.5 m) including 78.66 g/t Au and 36.14 g/t Ag over 5.25 m (323.25 to 328.5 m) in the eastern portion of the Main Zone. Hole TL11132 intersected 16.37 g/t Au and 98.02 g/t Ag over a sample length of 5.61 m (199.00 to 203.11) and visible gold was recorded in this interval.

In the western flank of the deposit, highlighted intersections include 17.83 g/t Au and 8.33 g/t Ag over 6.0 m in hole TL11204A (223.5 to 229.5 m) and 20.38 g/t Au and 10.72 g/t Ag over 3.4 m in hole TL11173 (280.32 to 283.70 m). Drill hole TL11161 returned the widest mineralized intersection of 3.49 g/t Au and 10.11 g/t Ag over 17.72 m (369.21 to 386.93 m).

During September-November, 2011, **ACA Howe International Limited** prepared a new resource estimate for the Goliath deposit using the historical and Treasury drill holes completed up to hole TL11228 (Roy and Trinder, 2011). That resource estimate was used to prepare the Preliminary Economic Analyses of the gold deposit in 2012 (Roy et. al, 2012).

2012 Drilling Results

Highlights of the 2012 drilling include the following:

- Hole TL12245 intercepted 2.27 g/t Au and 2.5 g/t Ag over a sample length of 3.0 m (51.0 to 54.0 m);
- Hole TL12235 drilled to test the westernmost strike extension of the main resource area mineralization returned 1.05 g/t Au and 1.25 g/t Ag over a sample length of 3.32 m (199.18 to 202.5 m) within the C Zone;

- Re-entry hole TL148-12RE assayed 17.13 g/t Au and 9.0 g/t Ag over 1.5 m from 201.0 to 202.5 m;
- Hole TL164-12RE intersected 5.87 g/t Au and 9.26 g/t Ag over a sample length of 17.13 m (485.31 to 502.44 m) including 18.64 g/t Au and 26.94 g/t Ag over 5.2 m (485.31 to 490.50 m) with visible gold; and
- Hole TL12293 returned 2.47 g/t Au and 2.70 g/t Ag over a core length of 10.65 m (33.25 to 43.90 m) including 6.65 g/t Au and 7.0 g/t Ag over 2.25 m (33.25 to 35.50 m) near surface in the C Zone.

The most northwest exploration fence hole TL12266 on claim 1144553 returned 2.62 g/t Au and 2.48 g/t Ag over a core length of 2.1 m (336.16 to 338.25 m), including 3.67 g/t Au over 1.0 m (337.25 to 338.25 m), hosted in a MMS unit surrounded by BMS rocks in association with elevated pyrite and trace chalcopyrite. The other three holes to the south did not return any significant assays. These results clearly demonstrate that the alteration corridor hosting gold mineralization is still present in the eastern portion of the Goliath property.

Two exploration drill holes (TL12247 and TL12255) intersected several massive to semi-massive sulphides, mostly consisting of pyrrhotite and pyrite bands up to 30 cm wide hosted in mafic volcanoclastic amphibolite rocks with minor meta-sedimentary rocks. These holes were collared on claim 1119545 in the nose of the regional fold structure. Hole TL12247 intersected several 20 to 30 cm wide semi-massive sulphide intervals containing predominantly pyrrhotite with lesser amounts of pyrite from 291.0 to 343.0 m. The second hole intersected seams and stringers of massive sulphides hosted in biotite schist and amphibolite rocks within seams 1 to 10 cm thick. The sulphide enriched units did not contain any significant base metal mineralization. However, hole TL12247 returned 17.52 g/t Au and 2.0 g/t Ag over a sample length of 1.5 m (22.5 to 24.0 m) in a metasedimentary rock and 4.86 g/t Au and 2.0 g/t Ag over 1.0 m (103.0 to 104.0 m) in a biotite mica schist.

8.0 2013 DIAMOND DRILLING PROGRAM

This report has been written to summarize the results of the 2013 diamond drilling program consisting of 48 holes that were drilled on five (5) claims along the Goliath Gold Deposit (Resource Area). The total exploration expenditures to complete this work totalled **\$1,234,960**.

The primary objective of the drilling program was to further delineate the C Zone within the proposed open pit to convert “Inferred” gold resources to the “Indicated” resource category and to add ounces to the open pit. Drilling was focused along the main deposit over a strike length of 1.5 km. Additional exploration work focused on the C Zone high-grade gold shoot discovered in the central part of the Goliath deposit intersected approximately 50 m after the Main Zone mineralization. A re-interpretation of the geology concluded that the re-entry holes were required in order to extend the Teck holes past the Main Zone to test the gold potential of the C Zone that was largely unknown during the Teck drilling programs in the 1990’s. The C Zone mineralization within MSS rocks usually starts downhole around 30 to 60 m past the Main Zone.

From January 7, 2013 to February 26, 2013, Treasury completed 48 NQ2 diamond drill holes totalling 7,773 m. This program consisted of 41 holes numbered TL13296 to TL13336 and seven (7) re-entry holes on former Teck drill holes (Table 24, Figure 31). Drill hole details have been tabulated in Appendix 1 at the back of this report. Holes were drilled north with azimuths ranging from 355⁰ to 045⁰ with the exception of hole TL13315 that was drilled south at 190⁰. Collar dips ranged from -45⁰ to -80⁰.

TABLE 24 – Treasury Metals Inc. 2013 Diamond Drilling Program

Dates Drilled	Hole Numbers	Meters Drilled
January 7, 2013 to February 26, 2013	TL13296 to TL13336 TL176-13RE TL180-13RE TL223-13RE TL1095-13RE TL10107-13RE TL0827-13RE TL10113-13RE	7,773
	TOTAL	7,773

Holes were drilled on two (2) unpatented and three (3) patented mining claims listed on Table 25. Assay certificates are presented in Appendix 2. A complete set of diamond drill hole logs can be found in Appendix 3 and drill sections in Appendix 4.

Figure 31 – 2013 Diamond Drill Program (Goliath Gold Deposit)

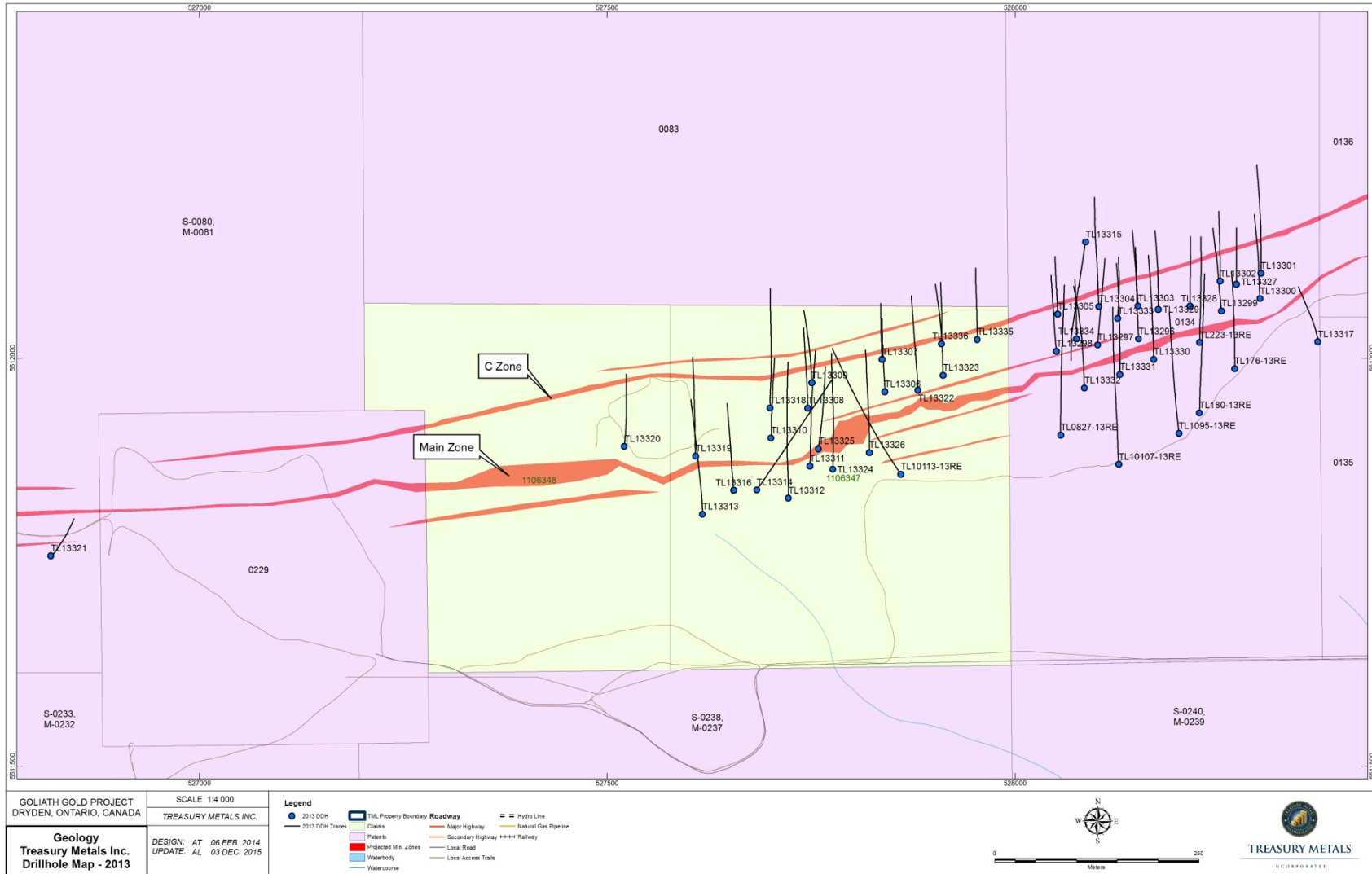


Table 25 – Patented and Unpatented Mining Claims Drilled in 2013

Unpatented Mining Claim	Patented Claim No.	Grant	Parcel	MNDM PIN No.
1106347				
1106348				
	S-0080/M-0081	PA3830	41215	42090-0081
	0083	PA14989	21609	42089-0083
	0134	PA11706	15395	42089-0134

This drill contract was awarded to **Distinctive Drilling Services Inc.** of Westbank, British Columbia, which supplied one drill for the program. The drilling program was completed under the supervision of Treasury personnel using local residents when available. This program was supervised by John Chulick of Chile and the core was logged by geologists Rory Krockner of Winnipeg, Manitoba, Adam Larsen of Wabigoon, Ontario and Brian Wolfe of Eagle Lake, Ontario. The core was handled and split by technicians Bill Bousfield and Stephen Sapay of Dryden, Ontario, Larry Laroque of Thunder Lake, Ontario and Roy Napish of Eagle River, Ontario.

The drill contractor constructed drill access trails and drill pads for each setup with water supplied by pump from local beaver ponds, creeks and streams. A Reflex single shoot down hole survey tool was used to survey the holes with readings taken at 50 m intervals. The drill casing was left in each hole and the hole capped to allow for future downhole geophysical testing and/or deepening of the hole (if required). Upon completion of each drill hole, the hole is initially surveyed with a GPS hand held instrument in UTM coordinates (NAD83 Zone 15N).

The core was logged, split and stored at the former Tree Nursery facility located at the end of Tree Nursery Road which Treasury purchased in 2011 (building and surface rights) covering an area of 136 hectares. This facility includes a large office building with a core logging and core cutting room, additional large building structures which are used for storing pulps, rejects and drill core and there is also a core farm on-site. A gate has been set up on the road at the pond restricting access to the site and the main office building is monitored by a security alarm system.

As the core boxes arrive at the core shack from the drill, the meterage in each box is recorded and verified by a technician and hole number and meterage interval labels are made using a dymo gun and the tags are stapled to the end of each box. RQD and core recoveries are also

determined for each hole. The average core recoveries were excellent (average of 99.32%) with the average RQD Mass being “good” (Table 26). The geologist then logs and marks out samples for assaying. Sample lengths are adjusted as necessary to reflect geological and/or mineralization contacts. Sample assay tags are placed in the box by the geologist. In general, samples range in width from 0.2 to 1.5 m with the majority of sampling being 1.0 m or 1.5 m in length. Longer sample lengths have been taken of strongly sheared core sections with poor core recoveries. All drill core boxes are photographed after they have been logged and sampled.

Samples are spilt using a core saw to retain half or the sampled sections for future verification and metallurgical testing (if required). Sample tags are placed in the bags and the sample number is written on the bag using a black permanent marker pen. Samples are then sealed in plastic sample bags using zip-straps, placed in sealed and numbered rice bags and shipped by truck or courier to the **Accurassay** laboratory in Thunder Bay, Ontario. A total of 3,503 samples, including blanks and standards, were dispatched to Accurassay. This laboratory is an ISO 17025/IEC guideline accredited laboratory. The remaining 489 samples, including blanks and standards, were dispatched to **ALS Minerals** (“ALS”) in Thunder Bay (drop off point) for analyses at their laboratory in Northern Vancouver, British Columbia. Core boxes were placed in long-term storage on-site at the core farm. At the end of the drilling program, the pulps and rejects were returned from the labs back to site and placed into storage at one of the large warehouse building at the office site.

At Accurassay, the samples were analyzed for gold (30 gm Fire Assay; method ALFA1), silver, zinc, lead and trace element geochemistry (ICP; method ALMA1). Samples containing more than 3.0 g/t Au and less than 5.0 g/t Au were analyzed using the gravimetric method. Samples exceeding the upper threshold value of 5.0 g/t Au were analyzed with the pulp metallic method (method ALM1). At ALS, samples were analyzed for gold (Ore grade 30 gm FA with AAS finish; method AU-AA25) and for 33 elements using a four acid digestion ICP-AES (method ME-ICP61). Digital assay files provided by the laboratories are merged directly into the Datamine digital database using DHlogger and DHexplorer software to avoid errors in transferring data.

Upon arriving at the Accurassay laboratory, samples were dried when required and then jaw crushed to 70% passing approximately 8 mesh. A split of approximately 500 grams was taken, using a Jones riffler, for further analysis. The sub-sample was then pulverized to 85% <200 mesh using a ring pulverizer and homogenized prior to analysis. Cleaning using a non-silica based material was performed between each sample to prevent cross contamination.

Table 26 –Average Drill Core Recovery and RQD

Hole No.	Average % Recovery	Average RQD Index	Rock Mass Quality
TL0827-13RE	99.94	85.67	Good
TL1095-13RE	99.53	89.78	Good
TL10107-13RE	99.34	88.61	Good
TL10113-13RE	98.36	71.84	Fair
TL13296	99.64	87.63	Good
TL13297	98.94	90.80	Excellent
TL13298	99.62	85.30	Good
TL13299	99.70	85.04	Good
TL13300	99.27	89.22	Good
TL13301	100.14	85.24	Good
TL13302	100.43	81.07	Good
TL13303	100.56	73.85	Fair
TL13304	99.88	79.58	Good
TL13305	99.45	75.91	Good
TL13306	99.35	83.07	Good
TL13307	99.24	79.26	Good
TL13308	98.87	56.39	Fair
TL13309	99.40	64.04	Fair
TL13310	99.02	80.56	Good
TL13311	98.96	86.52	Good
TL13312	97.83	77.99	Good
TL13313	97.53	67.76	Fair
TL13314	N/A	N/A	N/A
TL13315	99.89	88.68	Good
TL13316	99.89	76.80	Good
TL13317	99.66	91.46	Excellent
TL13318	99.41	81.00	Good
TL13319	100.29	56.54	Fair
TL13320	N/A	N/A	N/A
TL13321	99.56	86.80	Good
TL13322	99.73	81.90	Good
TL13323	99.21	84.02	Good
TL13324	99.29	85.28	Good
TL13325	98.96	86.95	Good
TL13326	99.15	86.81	Good

Table 26 –Average Drill Core Recovery and RQD (Continued)

Hole No.	Average % Recovery	Average RQD Index	Rock Mass Quality
TL13327	99.24	89.10	Good
TL13328	98.62	89.81	Good
TL13329	99.09	83.97	Good
TL13330	99.20	87.44	Good
TL13331	99.18	90.22	Excellent
TL13332	99.18	87.37	Good
TL13333	99.09	85.55	Good
TL13334	99.13	85.86	Good
TL13335	99.03	76.54	Good
TL13336	98.64	82.13	Good
TL176-13RE	99.56	88.02	Good
TL180-13RE	99.22	90.02	Excellent
TL223-13RE	99.56	79.87	Good
Average	99.32	82.33	Good

The homogeneous sample was then sent to the laboratory or the wet chemistry laboratory depending on the analysis required. At ALS, samples are fine crushed to 70% pass 2 mm in size, riffle split and pulverized to 85% pass 75 micron size.

Quality Assurance/Quality Control (QA/QC) was monitored using certified reference material (CRM) on approximately 10% of the samples. A range of high grade to low grade CRM's have been supplied by **CDN Resource Laboratories Ltd., Delta**, British Columbia. The standards used for this drill program were CDN-GS-2K, CDN-GS-5J, CDN-GS-P2A and CDN-CM-26. Treasury inserts one every 11th sample starting with a powdered blank (not a coarse blank) and then followed in sequence by inserting first a low, medium and then high grade gold standard. Periodically, high grade gold standards are favored in sections of core where visible gold has been observed. Every 20th sample core is duplicated (the core is quarter split) and sent to the laboratory for assay comparison.

An examination of the QA/QC results determined that only 18 or 4.69% of the 384 standards and blanks failed (a failure is marked by an assay result differing by greater or less than three times the standard deviation specified for the standard (Appendix 5). With the exception of five (5)

out of 184 duplicate split core samples, the remaining samples returned acceptable gold assay returns.

Metallic and bottle roll assays completed during the 2015 exploration program have been integrated into the drill logs and best assay tables when available (Dunbar and Larsen, 2015).

9.0 DISCUSSION

Treasury has spent a total of **\$28,375,980** on exploration and almost **\$2.5 million** on environmental permitting since acquiring the Goliath project in 2008. The 2013 diamond drilling program was very successful in providing additional gold intersections that were integrated into the 2015 updated NI 43-101 compliant gold resource estimate recently prepared by P&E (Puritch et al, 2015). The best drill hole assay intersections from this program have been summarized on Table 27. Lengths reported in best assay tables are core sample lengths and do not represent true widths. A majority of the gold intersections occur in association with significant concentrations of silver, zinc, lead +/- copper.

Examples of some of the best Main Zone intercepts include:

- TL13311 returned 13.19 g/t Au and 585.0 g/t Ag over 1.0 m (52.25 to 53.25 m);
- TL13317: 2.66 g/t Au and 2.22 g/t Ag over 9.0 m (153.0 to 162.0 m) with visible gold noted at 161.5 m including 6.23 g/t Au and 2.0 g/t Ag over 2.0 m (153.0 to 155.0 m);
- TL13320: A high grade assay of 216.42 g/t Au over 2.0 m (16.7 to 18.7 m) including 430.49 g/t Au over 1.0 m (16.7 to 17.7 m) with multiple flecks of visible gold (> 70 flecks in the 1-2 mm size range) occurring at 17.4 m in the MMS unit containing pyrite-rich laminae, sphalerite and galena;
- TL13331: 2.19 g/t Au and 14.77 g/t Ag over 6.5 m (28.0 to 34.5 m) with visible gold observed at 29.5 m; and
- Hole TL13332: 3.51 g/t Au and 7.73 g/t Ag over 7.5 m from 36.0 to 43.5 m.

Holes TL13332 and TL13331 were drilled near surface within sparsely drilled areas of a proposed open pit shell and hole TL13317 located outside the “Indicated” gold resource area at that time.

Table 27 – 2013 Drill Program: Significant Drill Hole Assay Intercepts

Hole No.	Section	Zone	From (m)	To (m)	Length* (m)	Au (g/t)	Ag (g/t)	Zn (ppm)	Pb (ppm)	Cu (ppm)	Comments
TL13296	528150E	B Zone	27.60	30.00	2.40	2.70	53.92	192.42	202.33	39.00	
TL13297	528100E	C Zone	102.30	103.80	1.50	1.31	1.00	532.00	109.00	51.00	
		C Zone	105.80	106.80	1.00	1.46	5.00	2,236.00	454.00	146.00	
TL13298	528050E	C Zone	66.75	67.75	1.00	4.30	13.00	2,908.00	1,027.00	929.00	
		C Zone	78.00	80.50	2.50	1.23	1.40	599.00	419.00	42.40	
TL13299	528250E	C Zone	88.90	90.90	2.00	0.96	4.50	1,541.50	134.00	45.00	
TL13300	528300E	C Zone	79.50	92.50	13.00	3.24	11.73	873.50	1,907.35	183.69	
TL13301	528300E	C Zone	58.35	59.35	1.00	1.29	9.00	14,812.00	841.00	291.00	
		E Zone	105.00	106.00	1.00	7.15	0.50	128.00	15.00	12.00	Visible Gold
TL13302	528250E	E Zone	108.00	109.50	1.50	1.07	2.00	860.00	271.00	39.00	
TL13303	528150E	C Zone	48.50	49.50	1.00	1.10	4.00	721.00	451.00	76.00	
TL13304	528100E	C Zone	46.20	47.60	1.40	1.09	8.00	1,756.00	960.00	168.00	
TL13305	528050E	C Zone	26.37	45.90	19.53	1.21	1.71	322.36	117.18	30.96	
TL13306	527850E	C Zone	60.00	81.60	21.60	1.44	3.01	521.18	210.68	64.20	
		Including	77.60	81.60	4.00	6.39	10.88	1,296.25	514.25	157.25	Visible Gold
TL13307	527825E	C Zone	27.00	33.00	6.00	1.12	1.50	797.58	203.83	73.33	
	527825E	D zone	93.50	94.00	0.50	45.17	186.00	896.00	184.00	165.00	Visible Gold
TL13308	527750E	C Zone	66.50	68.50	2.00	2.44	5.50	2,829.50	346.00	44.00	
		C Zone	87.00	90.00	3.00	1.55	3.00	292.50	104.00	63.00	
TL13309	527750E	C Zone	40.00	54.00	14.00	0.90	4.86	975.64	254.50	45.82	
		D zone	80.10	82.10	2.00	1.43	3.00	2,476.50	204.00	99.50	
TL13310	527700E	Main Zone	16.00	17.00	1.00	1.70	20.00	1,292.00	781.00	215.00	
		C Zone	99.00	100.50	1.50	3.40	13.00	2,629.33	792.00	116.00	
		Including	100.00	100.50	0.50	6.18	35.00	7,324.00	2,108.00	312.00	Visible Gold
TL13311	527750E	Main Zone	52.25	53.25	1.00	13.19	585.00	875.00	1,316.00	182.00	Visible Gold
TL13312	527725E	C Zone	191.60	193.60	2.00	2.14	20.00	2,148.00	594.00	85.00	

Table 27 – 2013 Drill Program: Significant Drill Hole Assay Intercepts (Continued)

Hole No.	Section	Zone	From (m)	To (m)	Length* (m)	Au (g/t)	Ag (g/t)	Zn (ppm)	Pb (ppm)	Cu (ppm)	Comments
TL13313	527600E	HW Zone	70.00	73.00	3.00	3.62	3.00	227.50	248.00	14.00	
	527600E	B Zone	137.40	138.90	1.50	1.94	2.00	171.00	109.00	18.00	
		C Zone	193.90	199.40	5.50	1.99	27.27	3,014.91	846.91	121.82	
		Including	193.90	194.90	1.00	4.63	49.00	13,106.00	2,861.00	424.00	
		Including	198.90	199.40	0.50	8.95	142.00	1,406.00	1,660.00	142.00	Visible Gold
TL13314	527700E	Main Zone	136.00	140.00	4.00	2.41	6.25	323.50	194.50	47.75	Visible Gold
	527750E	D Zone	328.50	331.50	3.00	2.13	7.33	2,262.33	866.00	145.67	
TL13315	528075E	C Zone	261.00	267.50	6.50	1.95	3.00	1,229.92	274.54	83.15	
		C Zone	289.00	292.00	3.00	2.04	2.33	1,222.33	198.67	50.33	
TL13316	527650E	B Zone	157.50	159.00	1.50	25.50	10.60	188.00	210.00	31.00	
		C Zone	201.00	203.50	2.50	2.87	9.92	1,686.00	502.80	106.20	
		Including	201.00	202.00	1.00	6.82	7.40	1,770.00	768.00	165.00	Visible Gold
		C Zone	207.30	210.50	3.20	2.97	9.64	368.59	466.28	76.75	
		Including	210.00	210.50	0.50	17.95	49.50	1,000.00	1,810.00	253.00	Visible Gold
TL13317	528375E	Main Zone	153.00	162.00	9.00	2.66	2.22	966.89	447.78	25.44	
		Including	153.00	155.00	2.00	6.23	2.00	563.50	401.50	17.50	Visible Gold
	528350E	C Zone	273.00	276.00	3.00	2.23	8.00	1,931.50	688.00	223.50	
TL13318	527700E	C Zone	48.00	51.00	3.00	1.13	6.73	1,123.00	326.00	55.33	
		C Zone	72.00	83.50	11.50	1.55	4.04	849.96	611.35	75.22	
TL13319	527600E	Main Zone	40.00	47.50	7.50	1.17	2.64	1,698.60	950.13	67.67	
			45.00	47.50	2.50	2.81	2.54	455.60	106.20	68.40	
	527600E	C Zone	108.50	114.00	5.50	1.69	3.93	948.64	274.09	95.45	
TL13320	527525E	Main Zone	16.70	19.90	3.20	135.59	0.00	0.00	0.00	0.00	
		Including	16.70	18.70	2.00	216.42	0.00	0.00	0.00	0.00	
		Including	16.70	17.70	1.00	430.49	0.00	0.00	0.00	0.00	Visible Gold
	527525E	D Zone	114.00	115.00	1.00	2.03	2.00	2,299.00	278.00	84.00	

Table 27 – 2013 Drill Program: Significant Drill Hole Assay Intercepts (Continued)

Hole No.	Section	Zone	From (m)	To (m)	Length* (m)	Au (g/t)	Ag (g/t)	Zn (ppm)	Pb (ppm)	Cu (ppm)	Comments
TL13321	526825E	HW Zone	112.50	114.80	2.30	0.69	0.50	129.26	81.48	11.61	
TL13322	527875E	C Zone	84.30	86.40	2.10	2.20	6.80	3,806.67	449.86	170.90	
		C Zone	96.00	99.50	3.50	1.93	1.34	1,328.71	338.57	54.43	Visible Gold
		D Zone	144.75	145.75	1.00	2.03	11.50	4,740.00	1,780.00	468.00	
TL13323	527900E	C Zone	53.00	54.00	1.00	0.73	2.20	610.00	164.00	167.00	
TL13324	527775E	Main Zone	31.00	51.00	20.00	1.11	8.63	3,127.80	1,994.23	194.55	
		Main Zone (M1)	31.00	35.00	4.00	1.59	28.75	11,142.75	8,301.50	828.25	
		Main Zone (M1)	38.00	51.00	13.00	1.14	3.81	1,128.92	371.50	38.31	
		Main Zone	62.00	65.00	3.00	2.73	6.00	240.33	50.33	13.33	Visible Gold
		C Zone	140.50	157.50	17.00	1.67	6.06	852.85	440.15	93.47	
		C Zone (C1)	140.50	144.00	3.50	1.53	5.00	2,021.00	752.00	222.14	
		C Zone (C2)	149.00	155.50	6.50	3.07	11.23	944.31	638.69	77.38	
		C Zone	149.00	150.00	1.00	14.35	36.00	612.00	1,797.00	126.00	
TL13325	527750E	HW Zone	16.50	17.50	1.00	9.14	2.00	324.00	95.00	58.00	Visible Gold
	527775E	C Zone	141.00	160.50	19.50	1.00	3.21	816.62	159.15	46.73	
		C Zone (C1)	142.30	145.50	3.20	2.32	2.69	1,337.00	105.88	55.06	
		C Zone (C1)	153.00	156.20	3.20	2.27	5.75	2,641.25	231.88	37.94	
		C Zone (C2)	173.25	174.25	1.00	2.49	4.00	525.00	287.00	122.00	
TL13326	527825E	Main Zone	38.00	41.00	3.00	1.50	11.67	4,016.33	3,814.67	146.67	
		Main Zone	55.00	69.40	14.40	1.60	13.15	785.25	410.60	46.56	
		Including	59.00	67.00	8.00	2.02	12.88	543.25	343.75	48.63	
		C Zone	143.50	178.80	35.30	1.03	2.10	333.22	195.07	53.94	
		Including	147.00	150.00	3.00	1.93	2.00	650.50	184.50	114.50	
		Including	154.00	158.00	4.00	2.20	5.50	465.25	719.00	73.75	Visible Gold
		Including	175.80	177.80	2.00	2.93	4.00	492.00	185.50	87.00	

Table 27 – 2013 Drill Program: Significant Drill Hole Assay Intercepts (Continued)

Hole No.	Section	Zone	From (m)	To (m)	Length* (m)	Au (g/t)	Ag (g/t)	Zn (ppm)	Pb (ppm)	Cu (ppm)	Comments
TL13327	528275E	C Zone	56.50	57.50	1.00	1.12	4.00	1,242.00	509.00	81.00	
TL13328	528225E	C Zone	63.50	65.50	2.00	8.82	16.00	2,033.50	551.00	205.50	Visible Gold
TL13329	528175E	C Zone	44.50	45.50	1.00	1.43	35.00	355.00	428.00	46.00	
		C Zone	69.10	70.10	1.00	1.15	1.00	136.00	82.00	49.00	
TL13330	528175E	Main Zone	28.50	33.70	5.20	0.69	9.78	1,052.71	575.79	70.42	
		C Zone (C1)	107.20	109.20	2.00	1.68	7.00	1,185.50	354.50	61.00	
		C Zone (C2)	123.50	125.50	2.00	1.97	12.50	945.00	547.50	78.50	
TL13331	528125E	Main Zone	24.00	45.00	21.00	0.87	6.89	662.05	262.67	66.07	
		Including	28.00	34.50	6.50	2.19	14.77	1,782.46	630.38	122.92	Visible Gold
		C Zone	120.50	123.00	2.50	0.84	1.90	720.40	114.40	45.40	
TL13332	528075E	Main Zone	36.00	43.50	7.50	3.51	7.73	494.20	219.73	63.20	
		C Zone (C1)	131.20	134.00	2.80	0.95	9.57	1,580.04	689.18	107.86	
		C Zone (C2)	140.50	144.00	3.50	0.76	8.86	1,650.29	968.29	85.29	
TL13333	528125E	C Zone	49.50	51.00	1.50	0.74	0.50	344.00	23.00	50.00	
TL13334	528075E	C Zone	70.50	83.50	13.00	0.95	4.84	574.80	381.13	82.85	
TL13335	527950E	C Zone	38.00	40.50	2.50	1.12	1.60	350.20	73.00	9.20	
		C Zone	55.00	56.50	1.50	1.14	1.00	98.00	29.00	42.00	
		D Zone	70.20	72.70	2.50	1.09	4.20	1,185.00	460.00	96.20	
		E Zone	105.50	106.50	1.00	2.53	6.00	9,026.00	1,871.00	249.00	
TL13336	527900E	C Zone	50.50	53.50	3.00	0.91	2.00	99.00	60.00	43.50	

Table 27 – 2013 Drill Program: Significant Drill Hole Assay Intercepts (Continued)

Hole No.	Section	Zone	From (m)	To (m)	Length* (m)	Au (g/t)	Ag (g/t)	Zn (ppm)	Pb (ppm)	Cu (ppm)	Comments
TL176-13RE	528275E	C Zone	197.50	198.50	1.00	1.58	5.00	472.00	180.00	58.00	
TL180-13RE	528225E	C Zone	243.00	244.00	1.00	1.21	4.00	1,183.00	386.00	110.00	
TL223-13RE	528225E	C Zone	120.00	127.50	7.50	1.97	3.03	663.47	191.07	49.40	
		Including	124.50	127.50	3.00	3.37	3.00	347.50	94.00	36.50	
TL1095-13RE	528200E	C Zone	257.50	258.50	1.00	0.38	2.00	213.00	67.00	30.00	
TL10107-13RE	528125E	B Zone	181.25	182.25	1.00	2.08	43.00	793.00	585.00	42.00	
TL0827-13RE	528050E	D Zone	233.00	234.50	1.50	1.46	2.00	4,880.00	591.00	122.00	
TL10113-13RE	527800E	C Zone (C1)	208.90	210.90	2.00	2.10	4.25	2,611.50	610.25	88.00	Visible Gold
		C Zone (C2)	214.80	220.20	5.40	2.22	4.47	1,302.37	424.83	52.52	
		Including	217.90	220.20	2.30	4.69	9.83	2,846.78	883.96	109.61	Visible Gold

**Note: Lengths do not represent true widths but are core lengths downhole*

Zero (0) values for Ag, Zn, Pb and Cu = no assays taken (gold only by metallic screen fire assay method)

Interesting best C Zone intersections reported include the following drill holes:

- TL13300: 3.24 g/t Au and 11.73 g/t Ag over 13.0 m (79.5 to 92.5 m);
- TL13305: 1.21 g/t Au and 1.71 g/t Ag over 19.53 m (26.37 to 45.90 m) including 13.74 g/t Au and 5.0 g/t Ag over 1.0 m (44.9 to 45.9 m);
- TL13306: 1.44 g/t Au and 3.01 g/t Ag over 21.6 m (60.0 to 81.6 m) including 6.39 g/t Au and 10.88 g/t Ag over 4.0 m (77.6 to 80.60 m) with visible gold noted at 78.35 m;
- TL13313: 8.95 g/t Au and 142.0 g/t Au over 0.5 m (198.9 to 199.4 m) with visible gold observed at 199.3 m;
- TL13316: 17.95 g/t Au and 49.5 g/t Ag over 0.5 m (210.0 to 210.5 m) with visible gold observed at 210.1 m;
- TL13324 which twinned historic Teck hole TL4: 1.67 g/t Au and 6.06 g/t Ag over 17.0 m (140.5 to 157.5 m) including 3.07 g/t Au and 11.23 g/t Ag over 6.5 m (149.0 to 155.5 m) and 14.35 g/t Au and 36.0 g/t Ag over 1.0 m from 149.0 to 150.0 m;
- TL13328: 8.82 g/t Au and 16.0 g/t Ag over 2.0 m (63.5 to 65.5 m) with visible gold observed at 64.8 m (2-3 specks, < 1 mm in diameter, in the MSS unit);
- TL13334: 0.95 g/t Au and 4.84 g/t Ag over 13.0 m (70.5 to 83.5 m);
- TL10113-13RE: 4.69 g/t Au and 9.83 g/t Ag over 2.3 m (217.9 to 220.2 m) with visible gold noted at 210.5 m; and
- Hole TL223-13RE: 1.97 g/t Au and 3.03 g/t Ag over 7.5 m from 120.0 to 127.5 m including 3.37 g/t Au and 3.0 g/t Ag over 3.0 m (124.5 to 127.5 m).

Drilling of the proposed open pit mine shell was successful in providing significant gold intersections of the central shoot of the C Zone and in adding ounces to the resource inventory and reducing overall waste to potential ore stripping ratios, especially in the eastern portion of the deposit. The hole extensions also lead to the discovery of several new mineralized zones,

including the B Zone intercepts hosted in the BMS unit located between the Main Zone and C Zone (TL13296: 2.7 g/t Au and 53.9 g/t Ag over 2.4 m from 27.6 to 30.0 m; TL13316: 25.5 g/t Au and 10.6 g/t Ag over 1.5 m from 157.5 to 159.0; TL10107-13RE: 2.08 g/t Au and 43.0 g/t Ag over 1.0 m from 181.25 to 182.25 m).

Two other zones were intersected north of the C Zone. They are designated the D and then E Zone which also contain gold mineralization hosted within MSS rock units in association with silver, zinc, lead and copper mineralization (Table 27). The best D Zone intersection was obtained from hole TL13307 that returned 45.17 g/t Au and 186.0 g/t Ag over a sample length of 0.5 m from 93.5 to 94.0 m. Hole TL13301 returned the best E Zone intersection of 7.15 g/t Au and 0.5 g/t Ag over a sample length of 1.0 m (105.0 to 106.0 m).

At the completion of the program, Treasury performed a gap analysis to determine what further diamond drilling would be required for future resource conversion from “Inferred” to the “Indicated” category within the proposed open pit design focusing on the Main and C Zones to propose an expanded 2014 infill diamond drilling program.

10. RECOMMENDATIONS

The authors conclude that more exploration work is warranted on the Goliath Gold Property based on the successful results of the drilling programs completed on the project to date. The following work is recommended:

1. All recommendations presented in the recent assessment and drilling report completed by Dunbar and Larsen (2015) should be implemented. An expanded infill sampling program as well as drill testing new potential shoots to the northeast of the current resource area has a strong potential to add additional ounces at Goliath.
2. Drilling immediately east of the resource will also act as a preliminary condemnation drill testing program to evaluate areas where possible mine infrastructure is currently being considered. Condemnation drilling is still required at all remaining infrastructure, tailing and waste/overburden/stockpile storage sites on the property.
3. Moving forward from the 2013, 2014 and 2015 drilling campaigns, additional infill drilling of the known gold-bearing shoots at Goliath is warranted for the purpose of further resource conversion (converting “Inferred” to “Measured” categories at appropriate spacing’s) and to increase confidence in the recent 2015 P&E mineral resource estimate (Puritch et al., 2015). This exercise may also increase gold ounces at Goliath.
4. The remainder of the property outside of the current resource area is vastly unexplored. An exploration program needs to be designed to test the remainder of the 12 km long alteration corridor and evaluate potential VMS targets elsewhere on the property. In addition, exploration should also focus on exploring the banded iron formation in the syncline regional structure for Musselwhite iron formation host-type mineralization associated with F2 structures as well as exploring for sedimentary/felsic intrusive hosted Canadian Malartic-type gold targets associated with shear structures on the remainder of the property (Personal communication with Miron Berezowsky, M.Sc., P.Eng.; Independent Consultant to Treasury).

11.0 REFERENCES

- Beakhouse, G., 2010: **Thunder Lake Gold Occurrence Mineral Investigation: Preliminary Interpretation**, report prepared for Treasury Metals Incorporated, 11 pp.
- Beakhouse, G.P. and Idziszek, M., 2006: **Precambrian Geology of the Butler Lake – Dinorwick Lake Area**, Ontario Geological Survey, Preliminary Map P 3582, scale 1:20,000.
- Beakhouse, G.P. and Pigeon, L., 2003: **Precambrian geology of the Thunder Lake Area**; Ontario Geological Survey, Preliminary Map P.3529, scale 1:20 000.
- Beakhouse, G.P., 2002: **Field Trip Guide, Wabigoon Region, Gold Mineralization Occurring North and South of the Wabigoon Fault**, 6 pp.
- Beakhouse, G.P., 2001: **Precambrian geology of the Thunder Lake Segment, Wabigoon Area**, in Summary of Field Work and Other Activities 2001, Ontario Geological Survey, Open File Report 6100, page 15-1 to 15-6.
- Beakhouse, G.P., 2000: **20.0 Project Unit 99-001, Precambrian Geology of the Wabigoon Area**, in Summary of Field Work and Other Activities, Open File Report 6032, Ontario Geological Survey, pp. 20-1 to 20-8.
- Beakhouse, G.P., Blackburn, C.E., Breaks, F.W., Ayer, J., Stone, D. and Stott, G.M., 1995: **Western Superior Province**, Fieldtrip Guidebook for Precambrian '95, Ontario Geological Survey, Open File Report 5924, 102 pp.
- Berger, B.R., 1990: **Precambrian Geology, Laval and Harman Townships**, Ontario Geological Survey, Report 272, with Map 2534, scale 1:20,000, 74 pp.
- Caracle Creek International Consulting Inc., 2009: **Assessment Report on the Main Claim Group, Goliath Gold Project, Zealand and Hartman Townships, Ontario**, memo-style report prepared by CCIC (no author) dated August 21, 2009, 29 pp.
- Caracle Creek International Consulting Inc., 2009b: **Assessment Report on Claim 4211252**, memo-style report prepared by CCIC (no author) dated August 21, 2009, 8 pp.

Caracle Creek International Consulting Inc., 2009c: **Assessment Report on Claim 4211250**, memo-style report prepared by CCIC (no author) dated August 21, 2009, 4 pp.

Corona, 2001: Corona Gold Corporation (2001) Annual Information Form, dated May 11, 2001.

Corona, 1998: Corona Gold Corporation (1998) Annual Report 1997.

Dunbar, P. and Larsen, A., 2015: **2014 to 2015 Drilling and Exploration Assessment Report, Goliath Gold Project, Harman and Zealand Township, Ontario, Canada**, prepared for Treasury Metals Inc., dated December 2, 2015, 182 pp. plus Appendices.

Ellis, B., 2012: **Goliath Aeromagnetics Modeling Study**, Powerpoint Presentation prepared for Treasury Metals Incorporated dated June, 2012, 9 slides.

Emdin, R., 1998: **Project Management for the Thunder Lake West Advanced Exploration Project, Bulk Sample Removal & Processing**, Jobcode No. 5036, prepared for Teck Exploration Limited by BLM Bharti Engineering Inc., 204 pp.

Evans, B., 2008: **Goliath Project, Dryden Area, Ontario, High Resolution Aeromagnetic Survey (HRAM) Logistical Report**, prepared by Firefly Aviation Ltd. for Treasury Metals Inc., dated May 15, 2008, 11 pp.

Fugro Airborne Surveys, 2011: **Logistics and Processing Report, Airborne Magnetic and DIGHEM Survey, Goliath and Goldcliff Properties, Dryden, Ontario, Canada**, Project 11052_A, prepared for Treasury Metals Incorporated, dated October 25, 2011, 147 pp.

Gekko Systems Pty Ltd., 2014a: **Testwork Report, T1155 Treasury Metals – Goliath Stage 2 Medium Grade**, report T1155 prepared for Treasury Metals Inc., 81 pp.

Gekko Systems Pty Ltd., 2014b: **Testwork Report, T1155 Treasury Metals – Goliath Stage 2 High Grade**, report T1155 prepared for Treasury Metals Inc., 77 pp.

Gekko Systems Pty Ltd., 2014c: **Testwork Report: T1238 Treasury Metals – Goliath Leach Optimisation Testwork and Bulk Concentrate Production**, report T1238 prepared for Treasury Metals Inc., 19 pp.

Gekko Systems Pty Ltd., 2014d: **Gekko Global Cyanide Detox Group, Testwork Report, Treasury Metals – Goliath Project – CIL Option – Detox Testwork Report**, report T1220, prepared for Treasury Metals Inc., 21 pp.

Groves D.I., Goldfarb R.J., Robert, F., and Hart C.J.R., 2003: **Gold Deposits in Metamorphic Belts: Overview of Current Understanding, Outstanding Problems, Future Research and Exploration Significance**, Society of Economic Geologists, Economic Geology, Vol. 98, p. 1-29.

G&T Metallurgical Services Limited, 2012: **Feasibility Metallurgical Testing, Goliath Gold Project**, Report No. KM34066, prepared for Treasury Metals Incorporated, 260 pp.

G&T Metallurgical Services Limited, 2011: **Pre-Feasibility Metallurgical Testing, Goliath Gold Project**, Report No. KM2906, prepared for Treasury Metals Incorporated, 90 pp.

Hardie, C., Runnels, D., Daniel, S., Ritchie D., Cole, D., El-Rassi, D. and Tolfree, D., 2012: **Independent Preliminary Economic Assessment update on the Rainy River Gold Property, Ontario, Canada**, unpublished report, prepared for Rainy River Resources Limited., 430 pp.

Hogg, 2002: **A Report on the Goliath Project of Laramide Resource Ltd., Zealand TWP., Ontario**, prepared for Laramide Resources Ltd. by G.M. Hogg & Associates Ltd., 26 pp.

Hogg, 1996: **A Report on the Zealand TWP. Gold Property of Laramide Resources Ltd., District of Kenora, Ontario**, prepared for Laramide Resources Ltd. by G.M. Hogg & Associates Ltd., 25 pp.

Hornbrook, E.H. and Friske, P. W. 1989: **National Geochemical Reconnaissance Lake Sediment and Water Data, Northwestern Ontario (NTS 52F)**, Geological Survey of Canada, Open File Report 1958.

Ilieva, T. and McKenzie, J., 2009: **A Report on the 2008 Exploration Program, Goliath Project, Hartman and Zealand Township**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc., dated August 31, 2009 (error date says 2015), 89 pp.

Ilieva, T., 2009: **A Report on the 2008 Trenching and Sampling Program, Goliath Project, Hartman and Zealand Township**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc., dated August 31, 2009 (error date says 2015), 37 pp.

Ilieva, T., 2008: **A Report on the 2008 Diamond Drilling Program, Goliath Project**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Incorporated, 1,902 pp.

Jobin-Bevans, S., 2007: **Thunder Lake Property – Acquisition**, memorandum prepared by Caracle Creek International Consulting Inc. for Laramide Resources Ltd., 4 pp.

Johnson, I. and Webster, B., 2008: **Report on a Spectral IP/Resistivity Survey, Goliath Project, Thunder Lake Property, Dryden, Wabigoon Area, Ontario**, prepared by JVX Geophysical Surveys and Consulting, Ref. 8-32, 37 pp.

Kroker, R., and Wolfe, B., 2013: **Assessment Report on the 2011/2012 Drilling and Exploration Program**, prepared for Treasury Metals Incorporated, dated April 15, 2013, 48 pp. plus Appendix.

Magyarosi, Z. and Peshkepia, A., 2011: **Report on the 2009 and 2010 Drilling Program, Goliath Gold Project, Ontario, Canada**, prepared for Treasury Metals Inc. by A.C.A. Howe international Limited Mining and Geological Consultants, 2,185 pp.

McKenzie, J., 2008: **Interpretation of the Geophysics Conducted on the Thunder Lake Property in 2008: Airborne Magnetics & Induced Polarization**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc., dated October 10, 2008, 60 pp.

Ontario Geological Survey, 1987: **Airborne Electromagnetic and Total Intensity Magnetic Survey, Dryden Area, District of Kenora, Ontario**, by Geoterrex Limited for the Ontario Geological Survey, Geophysical/Geochemical Series, Maps 80964, 80965, 80973, 80974 and 80975.

Page, R., Waqué, P. and Galway, C., 1999a: **Report on the 1998 Drilling Program on the Thunder Lake West Project, Zealand Township, Northwestern Ontario**, Report No. 1319NB, prepared for Teck Exploration Ltd., 42 pp.

Page, R., Stewart, R., Waqué, P. and Galway, C., 1999b: **A Report on the 1998 Underground Exploration and Bulk Sampling Program, Thunder Lake West Project, Zealand Township, Northwestern Ontario**, Report No. 1321NB, prepared for Teck Exploration Ltd., 46 pp.

Page, R. and Waqué, P., 1999: **Report on the 1998 Drilling Program on the Corona Gold Corporation Jones Lot Property, Zealand Township, Northwestern Ontario**, Report No. 1317NB, prepared for Teck Exploration Ltd., 18 pp.

Page, R. and Waqué, P., 1998: **Report on the 1997 Exploration Program on the Thunder Lake West Project, Zealand Township, Northwestern Ontario, Part 1**, Report No. 1303NB, prepared for Teck Exploration Ltd., 41 pp.

Page, R., 1995a: **Report on the 1994 Exploration Program, Thunder Lake West Property, Zealand Township, Ontario**, Part 1, Report No. 1263NB prepared for Teck Exploration Ltd., 55 pp.

Page, R., 1995b: **Assessment Report on Lithogeochemical Sampling Claims K1106349 and K 1106351, Zealand Township, Ontario**, Report No. 1269NB, prepared for Teck Exploration Ltd., 20 pp with Assay Certificates.

Page, R., 1994: **Report on the Winter 1994 Exploration Program, Thunder Lake West Project, Zealand Township, Ontario**, Report No. 1249NB dated April 29, 1994 prepared for Teck Exploration Ltd., 26 pp.

Page, R.O., 1991: **Summary Report, Volume 1, on the 1990 Exploration Program, Thunder Lake Project, Zealand Township, Northwestern Ontario**, Report No. 1129NB prepared for Teck Explorations Limited, 78 pp.

Palich, J., 2010: **EarthProbe DCIP Survey for Treasury Metals Inc., May 2010**, prepared by Caracle Creek International Consulting Inc., Summary Powerpoint Presentation, 15 slides.

Palich, J., 2010b: **SCIP Survey Results and Comparison of EarthProble DCIP to the 2008 JVX IP Survey, Goliath Gold Project, Dryden, Ontario**, memo-style report prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc., 16 pp.

Percival, J.A. and Easton, R.M., 2007a: **Geology of the Canadian Shield in Ontario: An Update**, Ontario Geological Survey, Open File Report 6196, Geological Survey of Canada, Open File 5511, Ontario Power Generation, Report 06819-REP-01200-10158-R00, 65pp.

Percival, J.A. and Easton, R.M., 2007b: **Geology of the Canadian Shield in Ontario: An Update**, Ontario Geological Survey, Miscellaneous Release—Data 216 (MRD216).

Puritch, E., Dunbar, P., Wu, Y., Burga, D., Barry, J., Hayden, A., Yassa, A. and Sutcliffe, R., 2015: **Technical Report and Updated Resource Estimate for the Goliath Gold Project, Kenora Mining Division, Northwestern Ontario**, Report 303, prepared for Treasury Metals Inc. by P&E mining Consultants Inc., Effective Date August 28, 2015, 284 pp.

Ravnaas, C., 2014: **Gold-Sulphide Association and Pre-Orogenic Model for Mineralization, expanded handout from Recommendations for Exploration, 2014-2015**, prepared by the Ontario Geological Survey, Resident Geologist Program, ministry of Northern Development and Mines, 6 pp.

Ravnaas, C., Raoul, A. and McDonald, J., 2007: **Report of Activities 2006, Resident Geologist Program, Red Lake Regional Geologist Report: Kenora District**, in Report of Activities 2006, Resident Geologist Program, Red Lake Regional Geologist Report, Red Lake and Kenora Districts, Ontario Geological Survey, Open File Report 6200, p.25-29.

Robert, F., Brommecker, R., Bourne, B. T., Dobak, P. J., McEwan, C. J., Rowe, R. J., and Zhou, X., 2007: **Models and Exploration Methods for Major Gold Deposit Types, Ore deposits and Exploration Technology**, in Milkereit, B., ed., Proceedings of Exploration 07, p. 691-711.

Robert, F., Poulsen, K.H., Cassidy, K.F., and Hodgson, C. J., 2005: **Gold Metallogeny of the Superior and Yilgarn Cratons: Society of Economic Geologist**, Economic Geology, Vol. 100, p. 1001-1033.

Roed, M.A., 1980: **Northern Ontario Engineering Geology Terrain Study 22, Wabigoon Lake Area**, with Map 5059, NOEGTS 22, Ministry of Northern Development and Mines

Roy, D.R., Trinder, I.D., Brady, B., Watts, G. and Hayden, A.S., 2012: **Preliminary Economic Analyses of the Goliath Gold Project, Enora Mining Division, Northwestern Ontario**,

Canada, Report No. 964, prepared for Treasury Metals Inc. by A.C.A. Howe international Limited Mining and Geological Consultants, Effective Date July 19, 2012, 238 pp.

Roy, W.D. and Trinder, I.D., 2011: **Technical Report and Mineral Resource Update on the Goliath Gold Project, Kenora Mining Division, Northwestern Ontario, Canada**, Report No. 955, prepared by A.C.A. Howe International Limited for Treasury Metals Inc. for Treasury Metals Incorporated, Effective Date November 9, 2011, 190 pp.

Roy, W.D., 2010: **Updated Mineral Resource Estimate for the Goliath Deposit**, prepared by A.C.A. Howe International Limited for Treasury Metals Inc. for Treasury Metals Incorporated, 104 pp.

Roy, D. and Trinder, I.D., 2008: **Report on the Goliath Project, Kenora Mining Division, Northwestern Ontario, Canada**, Report No. 926, prepared by A.C.A. Howe International Limited for Treasury Metals Inc., effective date December 19, 2008, 185 pp.

Satterly, J., 1941: **Geology of the Dryden-Wabigoon Area**, Ontario Department of Miners Annual Report, Vol. 50, Part 2, 67 pp, accompanied by Map 50e (scale 1 inch to 1 miles).
SGS Minerals Services, 2013a: **MMI Orientation Surveys**, outline paper 10-2013, 2 pp.

SGS Minerals Services, 2013b: **MMI Sampling Guide**, outline paper 10-2013, 2 pp.

Sills, T.K., 2007: **Laramide Resources Ltd. Acquisition Opportunity, Comments on the Thunder Lake Property of Teck**, prepared by OreVal Consulting Services Ltd. for Laramide Resources Ltd and Caracle Creek International Consulting Inc., 38 pp.

Stewart, R, Page, R and Waqué, P., 1997: **Report on the Summer/Fall 1996 Exploration Program, Thunder Lake West Project, Zealand Township, Ontario**, Report No. 1282NB, prepared for Teck Exploration Ltd., 59 pp.

Stewart, R. (1996): **Report on the Winter 1995-1996 Exploration Program, Thunder Lake West Project, Zealand Township, Ontario**, Report No. 1276NB, prepared for Teck Exploration Ltd, 27 pp.

Stewart, R., 1995: **Report on the Winter 1995 Exploration Program, Thunder Lake West Project, Zealand Township, Ontario**, Report No. 1264NB prepared for Teck Exploration Ltd., 146 pp. including Drill Logs and Assay Certificates.

Treasury Metals Incorporated, 2015: **Executive Summary, Goliath Gold Project at Dryden, Ontario Environmental Impact Statement**, prepared April 2015 in accordance with Environmental Impact Statement (EIS) guidelines to fulfill the requirements by the Canadian Environmental Assessment Agency, 129 pp.

Waqué, P., 1996: **Assessment Report on Mechanical Stripping and Sampling, Claim Numbers K1106349 – 1106352, Zealand Township, Ontario**, Report No. 1280NB, prepared for Teck Exploration Ltd., 20 pp.

Wetherup, S., 2010: **Trench Map Summary Report, Goliath Property, Ontario, Canada**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc., 8 pp.

Wetherup, S. and Kelso, I., 2008: **Independent Technical Report, Thunder Lake Property, Goliath Project, Kenora Mining Division, Northwestern Ontario, Canada**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc., dated February 1, 2008, 66 pp.

Wetherup, S., 2008a: **Structural Summary Report, Thunder Lake Property**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc. dated April 5, 2008, 23 pp.

Wetherup, S., 2008: **Independent Technical Report, Thunder Lake Property, Goliath Project, Kenora Mining Division, Northwestern Ontario, Canada**, prepared by Caracle Creek International Consulting Inc. for Treasury Metals Inc., 66 pp.

Wetherup, S., Keiso, I and Takats, P., 2007: **Independent Technical Report, Thunder Lake Property, Goliath Project, Kenora Mining Division, Northwestern Ontario, Canada**, prepared for Laramide Resources Ltd. by Caracle Creek International Consulting Inc., 55 pp.

**CERTIFICATE OF QUALIFIED PERSON
PAUL DUNBAR, P.GEO.**

I, Paul A. Dunbar, P.Geo., residing at 64 Massey Drive, Charlottetown, Prince Edward Island, do hereby certify that:

1. I am an independent geological consultant contracted by Treasury Metals Incorporated as their Exploration Manager (February 2015 to present).
2. This certificate applies to the Assessment Report titled "2013 Diamond Drilling Assessment Report, Goliath Gold Project, Hartman and Zealand Township, Ontario, Canada" prepared for Treasury Metals Inc..
3. I graduated from the University of Waterloo, Waterloo, Ontario in 1983 with a B.Sc. in Earth Sciences (Honours Applied Earth Sciences, Co-operative Program), and from Laurentian University of Sudbury, Ontario in 1989 with a M.Sc. in Geology and have been practicing my profession as a geologist since 1979.
4. I am a member in good standing with "The Association of Professional Geoscientists of Ontario (APGO)" since August, 2005 (License No. 1227).
5. My relevant experience for the preparation of the report is:

Geological Consultant (Exploration Manager), Treasury Metals Inc.	2015-Present
Vice President of Exploration, Goldstream Minerals Inc.	2012-2014
District Regional Exploration Manager, Prodigy Gold Inc..	2010 to 2012
Senior Associate Geologist, Watts, Griffis and McOuat Limited.....	2002-2010
Independent Geological Consultant	1999-2002
Chief Geologist, Tri-Star Gold Corp.	1998-1999
Exploration Manager, Pacific Comox Resources Ltd.	1996-1998
Petrographer/Geologist, Ontario Hydro.....	1992-1996
Independent Geological Consultant.	1983-1992
Geologist (Contractor) and Student.....	1979-1982

Date: December 18, 2015



Paul Dunbar, P.Geo.

**CERTIFICATE OF QUALIFIED PERSON
ADAM LARSEN, P.GEO.**

I, Adam C. Larsen, P.Geo., residing at 297 The Cliffs, Wabigoon, Ontario, do hereby certify that:

1. I am an independent geological consultant contracted by Treasury Metals Incorporated as a Project Geologist (December 2014 to present) and a previous employee of Treasury Metals Incorporated as a Project Geologist (December 2010 to December 2014).
2. This certificate applies to the Assessment Report titled "2013 Diamond Drilling Assessment Report, Goliath Gold Project, Hartman and Zealand Township, Ontario, Canada" prepared for Treasury Metals Inc..
3. I graduated from the University of Saskatchewan, Saskatoon, Saskatchewan in 2010 with a B.Sc. in Geological Sciences (High Honours), and have been practicing my profession as a geologist since 2008.
4. I am a member in good standing with "The Association of Professional Geoscientists of Ontario (APGO)" since September, 2015 (License No. 2580).
5. My relevant experience for the preparation of the report is:

Independent Geologist (Project Geologist), Treasury Metals Incorporated 2014-2015
Project Geologist, Treasury Metals Incorporated 2010-2014

Date: December 18, 2015



Adam Larsen, P.Geo.

APPENDIX 1

DIAMOND DRILL HOLE DETAILS

Drill Hole	Claim No.	Easting*	Northing*	Elevation (m)	Azimuth	Dip	Length (m)	Start	Finish
TL13296	0134	528150	5512025	395	357	-50	162	07-Jan-13	08-Jan-13
TL13297	0134	528100	5512015	396	000	-50	159	08-Jan-13	09-Jan-13
TL13298	0134	528050	5512010	395	355	-50	147	09-Jan-13	10-Jan-13
TL13299	0134	528250	5512058	395	355	-45	138	10-Jan-13	11-Jan-13
TL13300	0134	528300	5512075	395	357	-45	147	11-Jan-13	12-Jan-13
TL13301	0134	528300	5512105	395	000	-45	180	16-Jan-13	17-Jan-13
TL13302	0134	528250	5512095	395	000	-45	120	17-Jan-13	18-Jan-13
TL13303	0134	528150	5512065	395	000	-45	123	18-Jan-13	19-Jan-13
TL13304	0134	528100	5512065	395	000	-50	192	19-Jan-13	20-Jan-13
TL13305	0134	528050	5512055	395	000	-45	105	20-Jan-13	21-Jan-13
TL13306	1106347	527840	5511960	394	359	-45	123	23-Jan-13	24-Jan-13
TL13307	1106347	527835	5512000	394	000	-45	99	24-Jan-13	25-Jan-13
TL13308	1106347	527745	5511940	395	000	-45	135	25-Jan-13	26-Jan-13
TL13309	1106347	527750	5511970	395	000	-45	126	26-Jan-13	27-Jan-13
TL13310	1106347	527700	5511905	393	000	-45	144	29-Jan-13	30-Jan-13
TL13311	1106347	527750	5511870	390	000	-45	192	30-Jan-13	31-Jan-13
TL13312	1106347	527720	5511830	390	000	-50	243	01-Feb-13	03-Feb-13
TL13313	1106347	527615	5511810	390	358	-50	210	03-Feb-13	05-Feb-13
TL13314	1106347	527680	5511840	389	035	-67	376	05-Feb-13	08-Feb-13
TL13315	0134	528085	5512145	394	190	-60	300	05-Feb-13	10-Feb-13
TL13316	1106347	527655	5511840	389	000	-69	270	09-Feb-13	11-Feb-13
TL13317	0134	528370	5512020	390	355	-80	321	10-Feb-13	13-Feb-13
TL13318	0083	527700	5511940	392	359	-45	198	11-Feb-13	12-Feb-13
TL13319	1106347	527605	5511885	391	000	-45	171	12-Feb-13	14-Feb-13
TL13320	1106348	527520	5511895	392	000	-45	123	14-Feb-13	15-Feb-13
TL13321	S-0080/M-0083	526810	5511760	395	045	-80	300	14-Feb-13	17-Feb-13
TL13322	0083	527880	5511962	304	359	-45	162	15-Feb-13	16-Feb-13
TL13323	1106347	527910	5511980	395	358	-45	150	16-Feb-13	17-Feb-13
TL13324	1106347	527782	5511865	394	000	-45	192	17-Feb-13	18-Feb-13

Drill Hole	Claim No.	Easting	Northing	Elevation (m)	Azimuth	Dip	Length (m)	Start	Finish
TL13325	1106347	527760	5511890	391	359	-60	198	18-Feb-13	19-Feb-13
TL13326	1106347	527820	5511885	394	000	-51	192	19-Feb-13	20-Feb-13
TL13327	0134	528270	5512087	395	000	-46	99	20-Feb-13	21-Feb-13
TL13328	0134	528215	5512067	395	000	-46	120	21-Feb-13	21-Feb-13
TL13329	0134	528175	5512060	395	000	-46	135	21-Feb-13	22-Feb-13
TL13330	0134	528170	5512000	395	000	-46	177	22-Feb-13	23-Feb-13
TL13331	0134	528128	5511980	395	000	-45	189	23-Feb-13	24-Feb-13
TL13332	0134	528085	5511965	395	000	-46	162	24-Feb-13	24-Feb-13
TL13333	0134	528125	5512050	395	000	-45	102	25-Feb-13	25-Feb-13
TL13334	0134	528075	5512025	395	000	-45	102	25-Feb-13	25-Feb-13
TL13335	0083	527950	5512020	395	359	-45	123	25-Feb-13	26-Feb-13
TL13336	0083	527910	5512015	395	359	-45	105	26-Feb-13	26-Feb-13
TL176-13RE	0134	528269	5511987	396	360	-65	111	13-Jan-13	13-Jan-13
TL180-13RE	0134	528226	5511933	396	360	-65	123	14-Jan-13	15-Jan-13
TL223-13RE	0134	528226	5512019	396	360	-45	110	12-Jan-13	13-Jan-13
TL1095-13RE	0134	528200	5511908	396	360	-66	96	15-Jan-13	16-Jan-13
TL10107-13RE	0134	528127	5511870	396	360	-52	98	21-Jan-13	22-Jan-13
TL0827-13RE	0134	528056	5511906	394	360	-45	64	22-Jan-13	23-Jan-13
TL10113-13RE	1106347	527860	5511858	394	325	-64	159	27-Jan-13	29-Jan-13

Note (): UTM Coordinates (NAD 83, Zone 15)*

APPENDIX 2
ASSAY CERTIFICATES

2013

ACCURASSAY CERTIFICATES

Tuesday, February 5, 2013

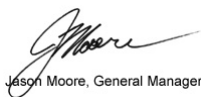
Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/11/2013
 Date Completed: 01/28/2013
 Job #: 201340093
 Reference: TL13-296
 Sample #: 78

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
7761	1368730	5.134	67	6.84	75	602	<2	<1	2.17	22	13	44	61	3.22	1.37	22	0.81	508	8	25	562	622	0.39	34	<5	249	212	1845	9	85	65	13	1816
7762	1368731	0.352	9	7.18	35	415	<2	5	0.92	<4	5	30	18	1.30	1.74	20	0.30	144	7	27	353	130	1.15	6	<5	13	67	1150	12	22	<10	4	200
7763	1368732	4.370	86	7.88	47	415	<2	<1	1.77	<4	6	43	54	1.58	1.72	25	0.73	414	8	38	398	254	1.41	9	5	<10	119	1194	6	24	<10	4	187
7764	1368733	0.011	4	7.09	38	388	<2	4	1.71	<4	5	39	24	1.04	0.94	23	0.54	210	8	36	333	52	0.68	<5	<5	12	132	1136	8	21	<10	4	42
7765	1368734	0.185	8	7.95	44	424	<2	5	1.99	<4	4	44	12	1.41	1.22	25	0.61	334	9	56	336	146	0.94	<5	<5	<10	160	1321	19	25	<10	3	219
7766	1368735	<0.005	1	7.61	30	383	<2	<1	2.76	<4	4	38	6	1.28	1.10	28	1.31	514	7	44	337	48	0.54	<5	11	<10	167	1319	12	20	<10	4	31
7767	1368736	<0.005	1	8.97	34	444	<2	3	3.03	<4	4	35	7	1.79	1.27	29	1.32	388	7	42	362	39	0.93	<5	11	10	221	1380	8	25	<10	4	45
7768	1368737	0.011	1	8.04	24	397	<2	3	2.48	<4	15	112	37	2.62	1.21	29	1.11	431	6	67	433	47	0.79	<5	<5	<10	189	1860	4	57	<10	10	58
7769	1368738	0.021	1	8.68	46	432	<2	2	2.65	<4	16	119	38	2.93	1.42	29	1.10	509	8	64	469	49	1.21	<5	<5	13	205	1865	4	66	<10	10	64
7770	1368739	0.007	<1	8.94	42	533	<2	<1	1.32	<4	6	35	13	1.37	1.36	27	0.45	143	8	41	523	39	1.06	<5	<5	10	139	1796	10	35	<10	5	25
7771D	1368739	0.006	<1	7.31	45	452	<2	3	1.17	<4	5	35	10	1.12	1.03	23	0.35	114	8	42	458	34	0.85	<5	<5	13	104	1376	9	26	<10	4	17
7772	1368740	<0.005	<1	6.63	37	468	<2	<1	2.68	4	13	55	22	2.97	0.98	22	1.13	596	4	26	546	38	0.07	<5	<5	<10	207	2445	6	92	21	14	70
7773	1368741	0.007	<1	9.75	52	611	<2	2	1.70	<4	10	57	10	1.98	1.42	29	0.37	145	12	68	699	55	1.65	<5	11	16	163	1817	13	39	13	6	60
7774	1368742	0.005	<1	8.36	54	499	<2	3	1.89	<4	9	58	19	1.80	1.41	24	0.32	145	13	88	601	40	1.49	<5	10	10	159	1429	14	32	<10	4	27
7775	1368743	<0.005	<1	7.60	50	465	<2	2	2.02	<4	7	36	26	1.05	1.61	26	0.75	264	7	48	578	33	0.63	<5	<5	11	157	1347	7	25	<10	4	26
7776	1368744	<0.005	<1	7.91	52	502	<2	3	2.25	<4	7	30	12	1.43	1.04	29	0.77	325	6	24	560	39	0.50	<5	<5	<10	169	1606	12	29	<10	5	35
7777	1368745	<0.005	<1	8.54	37	584	<2	2	2.40	<4	5	31	7	1.61	1.17	30	0.71	405	6	34	624	39	0.44	<5	<5	<10	192	1712	6	33	<10	5	37
7778	1368746	0.007	1	8.20	36	499	<2	<1	2.49	<4	8	30	32	1.26	1.38	25	0.51	267	6	32	512	36	0.59	<5	10	12	215	1621	9	31	<10	4	28
7779	1368747	<0.005	<1	8.87	45	635	<2	3	2.15	<4	6	28	8	1.39	1.39	29	0.61	359	6	28	529	39	0.61	<5	12	<10	227	1776	14	35	<10	4	34
7780	1368748	<0.005	<1	8.06	52	576	<2	4	2.10	<4	7	28	7	1.48	1.30	27	0.72	364	6	34	489	47	0.77	<5	<5	<10	258	1511	7	32	<10	4	61

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 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 01/11/2013
 Date Completed: 01/28/2013
 Job #: 201340093
 Reference: TL13-296
 Sample #: 78

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7781	1368749	<0.005	<1	8.76	52	642	<2	4	1.82	<4	9	35	16	1.76	1.20	28	0.57	260	8	43	536	58	1.26	<5	<5	10	248	1551	4	34	<10	4	73
7782D	1368749	0.009	<1	8.32	49	619	<2	3	1.73	<4	8	42	16	1.69	1.11	27	0.55	250	9	58	515	54	1.18	<5	<5	12	226	1461	8	33	<10	5	72
7783	1368750	0.237	1	3.98	438	>5000	<2	4	1.89	4	6	30	33	2.93	1.05	18	0.07	<100	16	12	110	56	0.37	14	6	10	141	851	24	15	68	6	28
7784	1368751	<0.005	1	>10.00	49	889	<2	4	2.87	4	10	34	9	2.84	1.58	41	1.02	535	7	24	720	48	1.28	5	<5	13	214	1829	25	40	13	7	116
7785	1368752	<0.005	<1	6.91	37	535	<2	2	1.78	<4	7	39	5	1.80	1.08	33	0.67	429	7	33	510	42	1.21	<5	<5	10	147	1365	4	30	<10	5	66
7786	1368753	<0.005	<1	6.54	38	529	<2	4	1.51	<4	7	36	4	1.68	1.37	29	0.53	285	9	48	520	37	0.93	<5	<5	11	146	1401	9	28	<10	5	48
7787	1368754	0.006	<1	8.17	31	569	<2	4	2.73	<4	11	76	11	2.41	1.43	27	0.85	425	7	64	493	36	1.20	<5	<5	<10	204	1664	7	42	<10	8	62
7788	1368755	<0.005	<1	8.84	39	714	<2	2	2.90	<4	7	55	6	2.04	1.25	26	0.94	518	12	76	544	35	0.85	<5	13	12	217	1950	11	36	<10	5	51
7789	1368756	0.029	1	8.03	54	778	<2	<1	2.21	<4	7	28	10	1.70	1.42	22	0.69	1071	4	26	485	98	0.89	<5	11	13	150	1600	10	35	<10	5	141
7790	1368757	0.215	8	8.31	107	756	<2	4	1.07	4	19	128	68	2.63	1.15	22	0.34	337	14	82	430	300	2.31	<5	6	<10	81	2202	16	76	10	11	342
7791	1368758	0.051	<1	9.13	62	625	<2	5	2.51	<4	11	83	23	2.46	1.32	27	1.05	474	13	82	684	58	1.27	<5	<5	<10	142	2206	10	47	<10	7	79
7792	1368759	0.019	<1	9.53	49	593	<2	2	2.76	<4	7	51	19	1.76	1.33	25	1.00	394	10	65	551	45	0.55	<5	<5	13	133	2038	12	38	10	5	48
7793D	1368759	0.017	<1	9.20	55	572	<2	6	2.67	<4	7	50	16	1.65	1.26	25	0.95	369	12	72	523	41	0.48	<5	<5	14	127	1949	5	35	<10	5	41
7794	1368760	<0.005	<1	7.68	22	538	<2	5	2.85	<4	14	56	22	2.98	1.16	21	1.13	611	4	25	527	34	0.07	5	<5	12	265	2751	4	97	24	14	50
7795	1368761	0.043	<1	7.72	56	415	<2	5	2.29	<4	7	43	6	1.81	1.19	22	0.97	468	8	53	513	42	1.14	<5	5	<10	88	1483	11	27	<10	5	22
7796	1368762	0.033	<1	>10.00	83	592	<2	3	3.50	<4	12	89	15	2.68	1.66	35	1.30	578	16	104	717	56	1.27	<5	21	13	165	1761	10	49	10	8	55
7797	1368763	0.104	1	7.83	73	380	<2	4	1.49	<4	21	137	62	3.89	1.21	23	1.15	517	9	106	569	68	1.88	<5	<5	10	68	1506	5	69	<10	10	117
7798	1368764	0.210	1	7.37	92	380	<2	<1	1.06	<4	21	123	38	3.05	1.45	20	0.65	264	9	98	529	77	2.04	<5	<5	10	54	1080	4	62	11	8	103
7799	1368765	1.005	5	6.58	98	360	<2	<1	1.08	8	12	103	236	3.05	1.32	18	0.51	179	17	135	347	654	2.38	6	<5	10	57	749	10	37	30	5	1611
7800	1368766	0.725	6	6.92	108	386	<2	<1	0.94	8	12	136	293	3.65	1.29	18	0.44	179	23	181	427	378	2.89	<5	<5	<10	55	890	9	50	33	5	1505

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7801	1368767	0.526	2	8.05	76	508	<2	3	0.98	4	11	103	129	2.36	1.25	20	0.29	<100	14	106	468	292	1.91	<5	<5	14	60	895	7	46	16	6	523
7802	1368768	0.407	3	8.28	70	546	<2	3	1.20	7	6	56	103	1.71	1.43	21	0.39	155	10	53	346	274	1.46	<5	<5	<10	61	1327	13	30	29	4	1333
7803	1368769	0.034	<1	7.53	49	471	<2	<1	1.72	<4	7	36	12	1.70	1.29	19	0.84	464	7	42	440	68	1.23	<5	<5	<10	67	1358	9	29	<10	5	56
7804D	1368769	0.062	<1	9.06	57	587	<2	6	1.98	<4	7	40	11	1.69	1.52	23	0.84	459	7	43	445	70	1.17	<5	<5	11	78	1548	11	33	<10	5	56
7805	1368770	1.863	<1	7.65	39	542	<2	<1	2.86	<4	15	58	32	3.60	1.17	22	1.27	683	5	30	579	38	0.07	5	<5	12	257	2888	11	110	28	15	60
7806	1368771	0.813	2	>10.00	59	645	<2	3	2.65	4	9	56	62	2.01	1.31	27	0.98	539	11	63	454	152	1.38	<5	6	12	93	1494	8	33	19	5	477
7807	1368772	1.625	4	9.83	85	707	<2	5	1.70	8	9	72	108	2.12	1.16	29	0.58	278	10	58	451	789	1.67	9	8	15	78	1657	7	41	36	7	1606
7808	1368773	0.220	1	9.19	64	575	<2	3	2.41	<4	15	119	39	2.82	1.36	31	1.22	502	8	70	492	90	1.35	<5	<5	16	98	2087	10	60	10	11	197
7809	1368774	0.094	1	9.27	69	538	<2	3	2.24	<4	16	135	46	2.94	1.51	30	1.21	457	8	65	513	105	1.53	<5	<5	<10	99	2273	12	70	10	11	176
7810	1368775	0.086	1	8.18	68	569	<2	4	2.50	<4	14	115	37	2.61	1.56	28	1.16	562	8	77	447	82	0.98	<5	<5	14	106	2314	6	60	15	9	354
7811	1368776	0.267	<1	9.35	78	742	<2	3	2.40	<4	8	60	21	1.92	1.95	28	0.84	473	13	71	435	105	1.15	<5	<5	<10	114	1743	7	37	12	6	189
7812	1368777	0.228	1	8.19	82	583	<2	2	1.45	8	12	131	54	2.07	1.43	24	0.48	259	13	88	360	100	1.44	<5	<5	<10	69	1779	8	53	31	9	1621
7813	1368778	0.539	3	9.17	119	592	<2	4	1.66	4	11	97	43	2.63	1.13	26	0.79	361	9	66	413	513	1.84	<5	<5	<10	78	1851	16	54	11	10	290
7814	1368779	0.249	1	9.36	120	565	<2	<1	1.97	4	17	128	40	2.96	1.26	28	0.94	378	11	82	435	79	2.01	<5	9	12	93	1901	9	61	11	11	214
7815D	1368779	0.194	<1	6.10	108	387	<2	5	1.37	<4	13	116	32	2.45	0.93	19	0.76	334	12	113	359	66	1.56	<5	<5	10	64	1533	2	45	<10	8	125
7816	1368780	<0.005	<1	6.42	34	461	<2	1	2.45	<4	11	50	22	2.60	0.95	20	0.99	536	3	21	478	34	0.06	<5	<5	10	204	2529	7	83	19	13	109
7817	1368781	0.051	1	7.19	48	383	<2	3	2.35	<4	17	98	68	3.06	1.06	21	1.22	500	7	69	433	68	1.50	<5	5	<10	98	1447	14	51	12	11	132
7818	1368782	0.071	2	9.01	52	552	<2	6	1.69	<4	17	114	39	2.81	1.37	29	1.21	428	8	74	353	71	1.15	<5	<5	12	81	1919	5	69	12	9	120
7819	1368783	0.370	4	>10.00	81	670	<2	<1	1.76	5	20	113	53	3.38	1.49	33	1.14	449	9	88	519	229	1.98	<5	<5	16	86	2278	4	71	17	11	518
7820	1368784	0.052	2	9.82	66	750	<2	1	3.10	<4	6	36	31	1.69	1.46	29	1.15	852	6	29	479	81	0.45	5	8	10	109	1920	10	38	<10	5	112

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7821	1368785	0.053	1	9.85	40	604	<2	<1	3.47	<4	22	160	54	3.61	1.52	39	1.48	869	7	79	579	57	1.22	<5	<5	15	127	3180	16	86	<10	14	93
7822	1368786	0.045	1	8.90	34	550	<2	3	3.29	<4	20	143	46	3.37	1.75	34	1.40	830	7	79	509	55	1.06	<5	<5	12	122	2659	10	81	<10	13	75
7823	1368787	0.080	2	9.21	17	602	<2	5	3.46	5	13	99	61	2.91	1.63	34	1.34	651	11	66	480	255	1.12	<5	6	10	122	2167	14	57	16	10	831
7824	1368788	0.006	1	>10.00	42	721	<2	1	3.60	<4	7	39	23	1.75	1.18	34	1.25	583	6	31	521	97	0.41	<5	8	<10	127	1903	13	37	<10	6	98
7825	1368789	0.016	<1	>10.00	48	823	2	3	3.98	<4	8	43	21	2.07	1.23	35	1.27	632	7	32	585	79	0.49	<5	5	17	154	2091	13	39	<10	6	85
7826R	1368789	0.007	<1	9.10	34	637	<2	<1	3.14	<4	6	37	17	1.61	1.03	28	1.02	500	4	20	458	66	0.35	<5	<5	12	121	1514	13	29	<10	5	69
7827	1368790	4.871	57	7.51	59	630	<2	<1	2.25	20	12	43	51	2.93	1.00	23	0.74	469	7	22	512	552	0.34	44	<5	220	222	1794	9	79	71	12	1611
7828	1368791	0.027	1	>10.00	46	730	<2	2	3.17	4	6	37	13	1.59	1.15	33	0.94	419	8	32	430	97	0.51	5	<5	<10	134	1565	14	30	10	6	549
7829	1368792	0.054	1	>10.00	57	897	<2	2	3.64	4	8	49	27	1.80	1.21	39	0.97	497	8	26	471	72	0.67	<5	<5	10	156	1787	9	36	17	6	437
7830	1368793	0.071	<1	9.64	66	762	2	5	2.94	<4	8	34	32	1.86	1.57	30	1.18	590	5	33	514	91	0.73	<5	<5	<10	136	1906	8	35	14	5	229
7831	1368794	0.043	<1	8.78	46	628	<2	<1	2.89	<4	7	32	11	1.64	1.39	29	1.12	516	5	33	474	56	0.52	<5	7	12	115	1700	8	33	11	5	101
7832	1368795	0.090	<1	7.46	42	486	<2	3	3.14	4	6	27	54	1.75	1.32	22	1.25	610	4	25	373	188	0.81	<5	7	<10	96	1252	16	25	22	5	723
7833	1368796	0.034	3	6.68	24	496	<2	3	3.20	8	6	31	264	2.34	1.42	18	1.49	676	5	33	369	609	1.14	<5	<5	10	121	1448	7	28	43	5	2027
7834	1368797	0.034	<1	8.64	42	542	<2	5	3.83	<4	7	32	63	2.13	1.45	27	1.72	836	5	38	513	92	0.57	<5	<5	<10	161	1786	20	35	11	6	299
7835	1368798	0.032	<1	8.32	46	506	<2	3	2.91	<4	6	29	32	1.77	1.27	27	1.18	637	5	34	445	62	0.59	<5	<5	<10	136	1457	14	29	<10	5	192
7836	1368799	0.050	<1	7.54	38	487	<2	4	2.25	4	8	29	25	1.62	1.20	29	0.97	597	4	31	450	59	0.64	<5	<5	11	111	1521	9	29	15	5	483
7837D	1368799	0.046	<1	8.58	51	552	<2	2	2.59	5	8	38	32	2.03	1.29	34	1.24	753	6	45	582	70	0.78	<5	5	11	126	1819	18	36	21	6	615
7838	1368800	<0.005	<1	5.32	37	384	<2	<1	2.39	<4	12	53	22	2.89	0.74	19	1.10	569	4	34	525	39	0.06	<5	<5	<10	174	2188	9	88	17	13	62
7839	1368801	0.093	<1	7.65	40	519	<2	4	2.04	<4	7	30	30	1.54	1.21	28	0.81	447	4	33	435	113	0.33	<5	7	10	117	1723	6	31	<10	4	123
7840	1368802	0.068	1	8.05	47	567	<2	<1	3.57	5	8	27	66	1.90	1.09	27	1.57	926	5	32	391	67	0.55	<5	<5	12	127	1424	10	30	18	5	1017

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7841	1368803	0.007	1	>10.00	85	941	2	9	5.24	4	11	64	44	2.71	1.70	49	1.89	1010	11	61	733	98	0.50	<5	18	12	210	1899	25	45	19	8	207
7842	1368804	0.026	<1	8.69	40	564	<2	3	3.08	<4	8	46	27	1.98	1.25	31	1.15	557	5	39	441	47	0.26	<5	<5	<10	117	1659	15	36	<10	6	139
7843	1368805	0.017	<1	6.74	41	489	<2	2	2.09	<4	9	39	13	1.92	1.15	29	0.92	383	5	35	466	42	0.25	<5	<5	14	88	1650	5	36	<10	6	65
7844	1368806	0.015	<1	7.69	43	536	<2	5	2.38	<4	8	35	11	1.92	1.21	30	0.90	369	5	32	458	43	0.27	<5	<5	<10	105	1702	10	37	<10	5	62
7845	1368807	0.345	1	9.01	90	554	<2	2	1.85	6	19	137	99	3.64	1.38	38	1.17	635	7	78	499	166	1.76	<5	<5	15	100	1640	4	76	17	9	918

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 Toronto, On, CAN
 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/14/2013
 Date Completed: 01/29/2013
 Job #: 201340102
 Reference: TL13-297
 Sample #: 61

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
8171	1368808	0.037	5	1.20	2	160	<2	14	0.95	<4	8	28	20	5.15	<0.01	7	1.15	1084	<1	26	214	18	3.23	<5	<5	<10	85	1082	4	23	<10	7	177
8172	1368809	0.045	3	1.58	3	203	<2	17	0.61	<4	4	26	4	1.46	0.06	2	0.36	269	<1	30	265	27	1.41	<5	<5	<10	96	995	<2	18	<10	2	98
8173	1368810	0.243	<1	<0.01	442	>5000	<2	8	0.86	<4	6	19	32	3.02	<0.01	<1	0.06	<100	<1	13	<100	27	0.61	17	<5	<10	80	348	<2	14	46	3	22
8174	1368811	0.020	3	3.98	10	340	<2	11	1.34	<4	5	22	9	1.20	<0.01	9	0.73	345	<1	24	410	32	1.47	<5	<5	<10	144	1471	8	27	<10	2	37
8175	1368812	<0.005	<1	2.38	7	208	<2	15	1.79	<4	4	20	6	1.12	<0.01	5	1.13	198	<1	26	386	13	1.06	5	<5	<10	158	1322	3	27	<10	2	20
8176	1368813	<0.005	1	4.80	14	327	<2	8	2.10	<4	5	28	7	1.25	0.08	17	1.61	200	<1	33	515	22	1.21	8	<5	<10	196	1479	<2	37	<10	2	28
8177	1368814	<0.005	1	3.07	9	336	<2	17	0.71	<4	8	18	15	1.54	<0.01	11	0.93	146	<1	32	475	12	1.71	6	<5	<10	125	1374	<2	33	<10	2	61
8178	1368815	<0.005	<1	3.08	5	314	<2	3	0.64	<4	5	22	4	1.34	0.06	6	0.31	112	<1	32	393	16	1.65	<5	<5	<10	108	1147	9	24	<10	2	42
8179	1368816	<0.005	<1	1.71	6	243	<2	11	0.41	<4	5	19	8	1.29	<0.01	5	0.55	211	<1	29	357	16	1.39	<5	<5	<10	87	990	<2	20	<10	2	31
8180	1368817	<0.005	<1	2.83	11	272	<2	15	1.27	<4	5	20	6	1.30	<0.01	8	0.90	269	<1	28	349	16	1.25	<5	<5	<10	133	1144	4	22	<10	2	30
8181D	1368817	<0.005	<1	1.48	<2	202	<2	10	0.85	<4	4	19	6	1.30	<0.01	5	0.86	262	<1	28	345	14	1.10	6	<5	<10	105	1032	<2	20	<10	2	34
8182	1368818	0.100	1	2.83	8	354	<2	17	1.32	<4	19	123	53	3.54	<0.01	9	1.29	888	<1	79	472	65	1.35	<5	<5	<10	157	1953	<2	69	<10	11	118
8183	1368819	0.155	<1	0.93	34	380	<2	13	0.44	<4	11	75	22	2.27	<0.01	<1	0.46	281	<1	66	372	69	2.57	<5	<5	<10	77	1046	<2	42	<10	6	115
8184	1368820	<0.005	<1	0.80	<2	273	<2	9	1.53	<4	13	48	20	2.90	<0.01	3	1.09	560	<1	27	512	13	0.36	<5	<5	<10	148	1986	<2	92	17	11	43
8185	1368821	0.717	1	<0.01	36	287	<2	1	<0.01	<4	9	42	32	1.96	0.30	<1	0.17	<100	<1	53	372	88	2.20	<5	<5	<10	46	781	<2	28	<10	5	388
8186	1368822	0.050	1	1.66	19	340	<2	18	1.11	<4	13	51	26	2.72	<0.01	9	0.89	441	<1	53	476	127	2.82	<5	<5	<10	115	1362	5	39	<10	6	72
8187	1368823	0.057	2	4.63	34	535	<2	14	1.76	<4	10	50	10	2.28	<0.01	9	1.00	440	<1	63	578	209	4.50	<5	<5	<10	156	1589	<2	36	10	4	270
8188	1368824	0.130	1	0.98	31	355	<2	12	<0.01	<4	6	20	8	1.51	<0.01	<1	0.27	118	<1	30	437	118	1.75	<5	<5	<10	47	1051	<2	22	11	2	317
8189	1368825	0.144	1	3.16	39	335	<2	15	1.65	<4	7	24	21	1.71	<0.01	5	1.01	726	<1	37	520	51	1.40	<5	<5	<10	100	1370	5	26	<10	3	100
8190	1368826	0.127	<1	2.76	22	303	<2	<1	1.57	<4	7	18	17	1.70	<0.01	5	1.01	717	<1	35	479	45	1.46	<5	<5	<10	94	1319	<2	25	<10	3	84

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 Date Completed: 01/29/2013
 Job #: 201340102
 Reference: TL13-297
 Sample #: 61

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8191	1368827	0.241	2	7.20	60	497	<2	28	1.53	<4	19	154	40	3.60	0.33	19	1.40	600	<1	83	482	52	2.93	6	<5	<10	98	1610	4	79	12	7	298
8192D	1368827	0.224	1	3.71	49	277	<2	18	0.81	<4	17	123	35	3.28	<0.01	8	1.27	523	<1	81	423	37	2.44	9	<5	<10	66	1280	3	62	10	6	270
8193	1368828	0.285	1	5.25	96	398	<2	<1	0.27	<4	19	157	34	2.72	0.10	6	0.46	150	<1	86	505	49	2.84	6	<5	<10	58	1419	8	92	18	5	860
8194	1368829	0.170	1	5.00	13	361	<2	11	0.94	<4	20	138	41	3.41	<0.01	11	1.63	539	<1	92	501	51	2.01	6	<5	<10	69	1434	<2	83	<10	6	70
8195	1368830	1.818	<1	2.99	4	400	<2	11	2.06	<4	16	53	31	3.67	<0.01	6	1.28	700	<1	32	556	22	0.28	7	<5	<10	242	2711	<2	115	25	12	78
8196	1368831	0.255	<1	3.37	12	271	<2	8	0.49	<4	16	112	27	3.00	<0.01	7	1.58	418	<1	68	356	58	1.80	<5	<5	<10	59	1388	4	68	<10	4	120
8197	1368832	0.365	2	8.21	7	452	2	13	0.88	<4	23	149	49	4.44	0.37	20	1.94	641	<1	104	547	64	4.39	9	<5	<10	71	2056	<2	87	16	8	155
8198	1368833	0.195	1	6.81	69	407	<2	52	1.26	<4	15	125	33	2.83	0.33	13	1.12	470	<1	79	533	57	4.13	<5	<5	<10	83	1800	<2	62	11	10	137
8199	1368834	0.147	1	7.54	63	448	<2	30	1.67	<4	17	104	59	3.12	0.33	16	1.55	776	<1	80	610	64	3.69	7	<5	<10	117	2192	<2	61	<10	11	176
8200	1368835	0.856	2	3.99	57	163	<2	<1	0.03	5	5	18	81	1.82	0.04	4	0.46	165	<1	37	293	232	3.70	<5	<5	<10	47	966	<2	20	33	5	2301
8201	1368836	0.324	2	6.13	57	307	<2	36	<0.01	<4	7	32	36	1.67	0.31	9	0.47	124	<1	51	421	134	3.01	6	<5	<10	50	1497	<2	29	22	6	773
8202	1368837	0.129	<1	4.92	44	219	<2	9	1.30	<4	6	23	24	1.50	0.25	9	1.12	724	<1	35	457	116	1.94	<5	<5	<10	73	1312	<2	25	11	5	424
8203D	1368837	0.141	<1	4.32	30	180	<2	41	1.07	<4	5	19	20	1.29	0.09	7	0.97	620	<1	29	396	109	1.78	<5	<5	<10	67	1114	<2	22	<10	5	363
8204	1368838	0.418	3	6.17	43	287	<2	37	0.75	4	7	23	40	1.70	0.21	13	0.82	421	<1	31	435	471	2.78	<5	<5	<10	79	1531	<2	29	23	6	1189
8205	1368839	0.053	<1	5.07	41	204	<2	35	1.34	<4	7	39	14	1.59	0.26	10	1.06	589	<1	60	452	73	1.60	<5	9	<10	80	1372	<2	27	<10	5	103
8206	1368840	<0.005	<1	4.66	6	246	<2	10	1.70	<4	13	48	21	3.03	0.20	7	1.27	610	<1	34	557	17	0.38	<5	7	<10	217	2301	<2	93	23	13	49
8207	1368841	0.181	3	3.53	43	444	<2	17	0.94	<4	8	46	24	1.70	0.12	8	0.82	457	<1	64	438	425	1.35	6	<5	<10	68	1783	<2	41	13	4	243
8208	1368842	0.125	<1	3.54	49	367	<2	21	1.36	<4	7	31	36	1.68	0.02	8	1.02	717	<1	26	463	72	1.66	<5	<5	<10	78	1423	<2	33	15	4	207
8209	1368843	0.125	<1	4.10	73	391	<2	1	1.68	<4	16	132	69	2.47	0.03	8	1.10	685	<1	74	483	75	2.31	<5	<5	<10	92	1711	<2	66	<10	9	156
8210	1368844	0.160	<1	2.49	82	294	<2	16	0.70	<4	17	117	34	3.12	<0.01	4	0.86	419	<1	63	437	69	3.07	<5	<5	<10	61	1831	<2	58	<10	9	126

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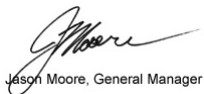
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8211	1368845	1.313	1	3.30	91	367	<2	5	0.79	<4	9	33	51	2.40	0.08	6	0.69	315	<1	42	443	109	2.91	5	<5	<10	67	1467	<2	33	13	4	532
8212	1368846	0.378	2	4.63	114	451	2	10	1.01	<4	10	44	71	3.03	0.43	10	0.88	382	<1	65	577	142	3.44	11	5	<10	76	1525	<2	39	18	5	411
8213	1368847	0.105	<1	3.15	54	371	<2	19	1.49	<4	7	23	16	1.77	<0.01	8	1.01	634	<1	32	453	63	1.81	<5	<5	<10	72	1389	7	28	<10	3	94
8214D	1368847	0.106	<1	2.68	50	339	<2	12	1.39	<4	7	23	15	1.77	<0.01	6	1.03	649	<1	33	459	61	1.68	5	<5	<10	68	1363	<2	28	<10	4	88
8215	1368848	0.100	<1	3.26	35	315	<2	13	1.59	<4	8	24	13	1.68	<0.01	8	1.12	708	<1	35	470	68	1.30	6	<5	<10	69	1520	2	29	<10	3	261
8216	1368849	1.464	5	3.15	90	464	<2	12	0.76	7	7	28	146	3.03	0.09	7	0.66	363	<1	37	359	454	3.69	5	<5	<10	62	1621	<2	32	37	3	2236
8217	1368850	5.248	68	1.13	31	363	<2	11	1.11	20	14	34	53	3.34	0.03	3	0.76	508	<1	26	500	625	0.74	40	<5	218	176	1749	<2	88	54	10	1890
8218	1368851	0.055	1	6.22	58	505	2	31	3.13	<4	9	34	26	2.40	0.24	18	1.85	975	<1	47	643	81	1.63	13	9	<10	103	2711	12	40	18	4	149
8219	1368852	0.113	<1	3.22	32	410	<2	14	1.28	<4	9	26	19	1.96	0.23	8	0.98	502	<1	35	408	56	1.66	<5	<5	<10	68	1659	<2	32	14	3	412
8220	1368853	0.285	4	1.97	63	332	<2	12	0.60	<4	6	38	52	1.86	0.35	6	0.77	359	<1	51	336	348	1.85	<5	<5	<10	52	1396	2	30	10	3	275
8221	1368854	0.055	<1	2.58	21	318	<2	5	2.00	<4	8	27	15	1.80	<0.01	5	1.26	672	<1	32	364	38	1.10	<5	<5	<10	99	1443	<2	29	<10	4	121
8222	1368855	0.025	<1	4.16	11	421	<2	11	2.63	<4	9	30	28	2.07	<0.01	9	1.47	653	<1	36	483	35	0.83	<5	<5	<10	105	1594	<2	35	<10	4	73
8223	1368856	0.191	10	1.76	<2	218	<2	17	3.03	27	5	30	835	5.11	<0.01	1	1.23	796	<1	42	329	1531	4.21	9	<5	<10	105	1164	2	26	122	3	11532
8224	1368857	0.019	<1	4.10	<2	423	<2	26	2.32	<4	8	29	30	1.94	<0.01	10	1.31	678	<1	40	504	66	0.91	6	<5	<10	109	1530	<2	34	<10	4	304
8225D	1368857	0.016	<1	3.71	<2	412	<2	<1	2.18	<4	8	27	25	1.84	<0.01	9	1.26	646	<1	40	479	57	0.81	7	<5	<10	106	1479	3	32	<10	3	253
8226	1368858	0.010	<1	5.77	40	528	2	28	3.14	<4	9	30	25	2.30	0.01	16	1.54	724	<1	36	593	61	1.02	6	6	<10	155	1920	8	38	13	4	178
8227	1368859	0.030	<1	2.54	3	310	<2	11	1.94	<4	8	42	45	1.77	<0.01	3	0.87	439	<1	41	338	58	0.96	6	<5	<10	121	1202	8	27	<10	3	91
8228	1368860	<0.005	<1	0.12	<2	192	<2	12	1.37	<4	13	45	20	2.83	<0.01	1	1.04	558	<1	25	484	15	0.22	<5	<5	<10	130	2012	<2	89	14	11	50
8229	1368861	0.015	<1	1.94	<2	183	<2	11	1.65	<4	7	30	60	1.83	<0.01	4	1.11	525	<1	41	424	57	0.90	<5	<5	<10	90	1194	2	26	23	3	1178
8230	1368862	0.051	<1	2.97	6	334	<2	11	2.60	<4	7	23	59	1.88	0.20	7	1.41	731	<1	30	446	99	1.25	<5	5	<10	112	1476	6	30	33	4	425

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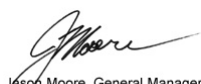
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8231	1368863	0.037	2	3.32	20	420	2	8	4.00	90	8	31	210	5.66	0.20	4	2.13	1479	<1	43	389	1009	5.20	10	<5	<10	181	1401	7	36	402	4	30572
8232	1368864	0.072	<1	2.45	2	309	<2	17	1.26	<4	8	21	30	1.99	0.06	8	0.92	539	<1	32	437	161	1.14	<5	6	<10	108	1493	<2	34	16	3	628
8233	1368865	0.021	<1	1.82	<2	228	<2	9	1.31	<4	8	24	49	1.88	<0.01	9	0.97	569	<1	35	470	248	0.97	<5	<5	<10	86	1506	5	33	13	3	866
8234	1368866	0.022	1	5.49	20	569	2	34	2.51	6	10	48	81	2.97	0.30	23	1.49	909	<1	68	716	374	1.48	15	21	<10	145	2608	12	50	32	5	1315
8235	1368867	0.017	<1	2.79	3	342	<2	8	1.70	4	7	23	24	1.91	<0.01	8	0.99	589	<1	33	434	123	0.89	5	<5	<10	103	1470	2	32	21	3	1341
8236R	1368867	0.008	<1	2.55	18	312	<2	1	1.56	4	5	27	23	1.72	0.05	11	0.90	587	<1	46	373	117	0.78	9	8	<10	77	1651	2	27	22	3	1150
8237	1368868	0.010	<1	2.94	<2	405	<2	15	1.73	<4	8	24	8	1.71	0.01	8	0.78	460	<1	34	446	54	0.81	<5	<5	<10	110	1704	6	33	<10	3	186

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Jason Moore, General Manager

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Wednesday, February 20, 2013


Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/05/2013
Date Completed: 02/20/2013
Job #: 201340280
Reference: TL 12 297
Sample #: 4

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
23410	1368841	289	0.008	0.289
23411	1368842	90	0.003	0.090
23412	1368844	250	0.007	0.250
23413	1368845	408	0.012	0.408
23551 Dup	1368845	437	0.013	0.437

PROCEDURE CODES: ALM1, ALFA1

Certified By: 
Dr. David Brown, VP Quality

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Date Received: 02/05/2013
 Date Completed: 02/20/2013
 Job #: 201340279
 Reference: TL 13-297
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
23409	1368843	0.280	0.195	2.570	0.308	3.00%	30.08

PROCEDURE CODES: ALPM1

Certified By: 
 Dr. David Brown, VP Quality

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Tuesday, February 5, 2013

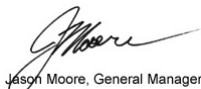
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 Date Received: 01/15/2013
 Date Completed: 01/30/2013
 Job #: 201340106
 Reference: TL 13-298
 Sample #: 90

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
8871	1368869	0.006	<1	4.42	9	535	<2	5	0.89	<4	6	16	7	1.17	0.26	18	0.84	340	<1	16	551	17	0.48	<5	<5	<10	138	2108	<2	40	<10	3	50
8872	1368870	IS																															
8873	1368871	0.019	1	3.11	15	418	<2	16	4.03	<4	9	24	20	2.81	<0.01	6	1.61	957	<1	29	406	20	1.73	5	<5	<10	232	1734	10	31	<10	4	155
8874	1368872	<0.005	1	2.72	13	299	<2	9	0.74	<4	8	26	10	1.29	<0.01	14	0.97	585	<1	32	409	15	0.78	<5	<5	<10	101	1889	<2	38	<10	3	58
8875	1368873	0.005	<1	2.10	11	277	<2	22	0.50	<4	6	29	5	1.05	<0.01	7	0.66	269	<1	34	395	16	0.78	<5	<5	<10	99	1625	<2	28	<10	2	29
8876	1368874	0.008	<1	4.13	17	348	<2	11	1.46	<4	7	25	7	1.18	<0.01	11	0.79	276	<1	30	395	22	1.20	<5	9	<10	140	1778	2	32	<10	3	21
8877	1368875	0.024	5	2.92	32	328	<2	4	1.09	<4	7	44	11	1.62	<0.01	4	0.88	493	<1	70	357	40	1.61	5	<5	<10	118	1425	<2	26	<10	4	58
8878	1368876	0.057	15	3.20	22	345	<2	7	0.04	<4	7	34	20	0.85	<0.01	2	0.45	200	<1	35	358	53	0.91	<5	11	<10	59	1195	<2	23	<10	2	108
8879	1368877	0.034	15	3.20	14	322	<2	13	<0.01	<4	4	52	16	0.80	<0.01	2	0.32	115	<1	85	356	58	0.56	7	<5	<10	50	1227	<2	25	<10	2	195
8880	1368878	0.541	116	3.04	59	310	<2	18	<0.01	<4	6	42	84	0.78	0.19	<1	0.30	105	<1	70	314	256	0.82	27	<5	<10	60	1033	5	23	<10	2	373
8881D	1368878	0.553	98	2.62	43	287	<2	14	<0.01	<4	6	50	79	0.79	0.01	<1	0.28	102	<1	83	295	238	0.71	27	<5	<10	57	941	<2	21	10	<2	345
8882	1368879	0.034	5	1.28	7	244	<2	17	<0.01	<4	5	31	7	0.57	<0.01	<1	0.25	141	<1	43	276	35	0.57	<5	<5	<10	41	829	2	17	<10	<2	21
8883	1368880	<0.005	<1	0.08	<2	187	<2	9	1.33	<4	13	46	20	2.86	<0.01	1	1.07	564	<1	28	504	11	0.27	5	<5	<10	130	2128	<2	94	20	11	45
8884	1368881	0.046	11	1.47	46	198	<2	13	0.25	<4	13	20	22	1.07	0.22	2	0.77	536	<1	25	436	60	0.77	<5	<5	<10	56	1115	<2	26	<10	3	147
8885	1368882	0.011	4	4.96	37	279	<2	13	1.75	<4	11	52	17	1.86	0.04	11	1.31	1200	<1	57	486	52	1.01	5	7	<10	95	1463	7	40	<10	4	70
8886	1368883	0.034	3	3.61	13	196	<2	13	0.91	<4	5	36	7	1.64	<0.01	5	0.74	755	<1	55	352	31	1.23	5	<5	<10	72	1284	<2	25	<10	2	52
8887	1368884	0.062	17	3.55	33	224	<2	12	0.61	<4	5	38	42	1.35	0.02	4	0.54	490	<1	62	357	146	1.15	8	<5	<10	77	1253	<2	24	13	2	515
8888	1368885	0.035	2	2.43	20	220	<2	14	0.69	<4	5	30	13	1.36	<0.01	2	0.57	437	<1	45	368	21	1.15	<5	<5	<10	94	1220	<2	23	<10	2	64
8889	1368886	0.030	2	5.52	<2	415	<2	13	1.31	<4	5	31	10	1.19	0.13	10	0.52	372	<1	35	367	23	1.38	5	<5	<10	125	1468	<2	28	<10	2	63
8890	1368887	<0.005	1	6.03	13	505	<2	23	2.56	<4	7	31	13	1.35	0.11	12	1.05	572	<1	34	565	23	0.76	<5	<5	<10	192	2140	<2	42	<10	3	29

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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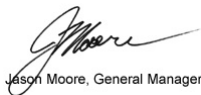
Final Certificate

 Treasury Metals Inc
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 M5X 1B1
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/15/2013
 Date Completed: 01/30/2013
 Job #: 201340106
 Reference: TL 13-298
 Sample #: 90

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
8891	1368888	0.007	1	7.38	14	628	<2	19	2.83	<4	10	38	18	2.70	0.14	18	1.16	586	<1	55	756	33	1.88	7	<5	<10	254	2574	2	52	13	5	49
8892D	1368888	0.008	1	6.85	11	644	<2	11	2.55	<4	9	31	13	2.25	0.04	16	1.06	505	<1	40	642	26	1.62	<5	6	<10	232	2282	5	48	<10	4	38
8893	1368889	<0.005	<1	6.32	13	596	<2	23	2.41	<4	10	46	6	1.98	0.21	14	1.05	398	<1	70	635	30	1.70	<5	8	<10	244	2053	5	43	<10	4	28
8894	1368890	2.024	1	5.62	30	580	<2	21	2.90	<4	19	66	36	4.36	0.26	12	1.55	871	<1	37	711	21	0.53	9	<5	<10	323	3463	4	140	35	15	72
8895	1368891	0.067	1	4.14	25	527	<2	11	2.09	<4	11	58	8	1.51	<0.01	12	1.34	549	<1	61	484	29	1.04	<5	<5	<10	172	1806	<2	43	<10	4	82
8896	1368892	0.038	2	7.47	38	705	<2	4	2.99	<4	11	81	13	2.90	0.33	21	1.55	1040	<1	81	631	51	2.30	5	<5	10	172	2338	6	59	12	8	176
8897	1368893	0.038	1	4.92	20	510	<2	11	1.81	<4	9	48	32	2.15	<0.01	13	1.04	664	<1	61	526	54	1.85	5	<5	<10	107	1878	<2	40	<10	5	80
8898	1368894	0.270	8	2.27	45	355	<2	14	0.31	<4	8	32	129	2.00	<0.01	3	0.42	195	<1	50	498	563	2.14	<5	<5	<10	62	1401	<2	24	14	4	732
8899	1368895	0.152	1	4.65	5	462	<2	<1	2.15	<4	8	34	77	1.80	<0.01	11	1.15	485	<1	50	561	34	0.82	<5	<5	<10	130	1807	7	34	<10	3	77
8900	1368896	0.017	2	4.76	7	1241	<2	12	0.74	<4	7	33	24	1.33	0.09	9	0.52	181	<1	47	530	151	0.86	7	<5	<10	162	1913	<2	36	<10	3	200
8901	1368897	0.020	1	4.56	<2	602	<2	8	2.33	<4	12	68	40	2.21	<0.01	10	1.25	491	<1	64	518	51	1.07	<5	<5	<10	196	1908	<2	49	<10	6	59
8902	1368898	0.041	2	3.56	19	369	<2	12	2.18	<4	20	160	49	3.91	<0.01	8	1.42	736	<1	96	489	43	2.04	5	<5	<10	154	2403	<2	78	<10	13	89
8903D	1368898	0.048	3	3.50	<2	416	<2	21	2.19	<4	20	158	48	3.85	<0.01	9	1.44	768	<1	96	471	40	1.96	<5	<5	<10	150	2740	<2	80	<10	12	93
8904	1368899	0.039	1	3.77	12	544	<2	12	1.32	<4	20	153	55	3.40	<0.01	7	0.99	586	<1	113	435	37	2.29	<5	<5	<10	119	2354	<2	92	<10	12	183
8905	1368900	<0.005	<1	1.37	15	291	<2	14	1.72	<4	14	51	21	3.13	<0.01	2	1.16	635	<1	29	525	9	0.27	<5	<5	<10	202	2490	<2	102	18	12	53
8906	1368901	0.106	1	2.35	51	254	<2	26	0.66	<4	20	145	38	3.86	<0.01	1	0.63	383	<1	123	405	53	4.07	<5	<5	<10	92	1914	2	76	<10	9	183
8907	1368902	0.039	1	7.53	27	872	2	21	2.54	<4	28	220	82	5.12	0.37	19	1.78	1286	<1	131	672	91	2.50	7	11	<10	202	3388	<2	126	15	16	177
8908	1368903	0.041	<1	3.23	8	324	<2	11	1.33	<4	22	129	45	4.03	<0.01	11	1.57	858	<1	79	492	27	1.71	<5	<5	<10	134	2321	5	82	<10	12	73
8909	1368904	0.053	<1	3.97	9	389	<2	22	1.59	<4	23	135	47	3.70	<0.01	12	1.33	700	<1	78	506	35	1.90	<5	<5	<10	136	2272	<2	80	<10	11	74
8910	1368905	0.137	1	3.15	93	396	<2	5	0.83	<4	26	99	69	3.69	<0.01	5	0.63	349	<1	86	525	41	3.53	<5	<5	<10	99	1910	<2	70	<10	10	296

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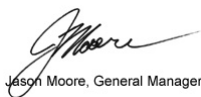
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Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
8911	1368906	0.232	<1	4.66	76	560	<2	8	0.73	<4	25	117	53	3.36	<0.01	7	0.58	303	<1	78	496	44	3.26	<5	<5	<10	108	2447	<2	91	11	9	313
8912	1368907	0.198	<1	3.42	20	337	<2	20	2.34	<4	8	17	4	1.72	<0.01	3	0.92	627	<1	15	508	26	1.69	6	<5	<10	122	1447	<2	30	<10	4	49
8913	1368908	0.462	2	2.96	63	813	2	7	0.28	<4	8	32	25	2.25	0.06	3	0.50	184	<1	39	515	115	2.46	6	<5	<10	67	1993	<2	36	21	3	1020
8914D	1368908	0.348	1	3.52	49	854	<2	4	0.25	<4	9	30	23	2.04	<0.01	2	0.41	169	<1	31	443	97	2.26	5	<5	<10	70	1727	<2	38	18	3	906
8915	1368909	0.186	1	2.98	67	543	<2	21	0.95	<4	8	15	47	1.92	<0.01	3	0.86	488	<1	24	479	120	1.83	5	<5	<10	73	1573	<2	30	17	3	872
8916	1368910	5.611	65	1.83	40	440	<2	16	1.11	18	14	33	51	3.31	<0.01	1	0.78	512	<1	21	510	597	0.55	75	<5	231	221	1961	<2	91	65	10	1838
8917	1368911	0.179	2	3.66	47	445	<2	14	1.75	<4	9	19	18	1.88	<0.01	5	0.98	520	<1	26	484	56	1.13	<5	<5	<10	119	1701	<2	33	<10	3	108
8918	1368912	3.406	13	3.30	89	402	<2	13	1.09	9	13	63	929	2.99	<0.01	3	0.73	348	<1	43	426	1027	3.00	10	6	<10	95	1828	<2	48	46	5	2908
8919	1368913	0.026	<1	2.30	9	308	<2	6	1.14	<4	8	17	21	2.01	<0.01	7	0.94	377	<1	26	536	22	0.86	<5	<5	<10	84	1636	<2	34	<10	3	79
8920	1368914	0.137	<1	2.40	13	350	<2	8	0.81	<4	13	66	38	2.51	<0.01	5	1.07	386	<1	49	450	17	1.43	<5	<5	<10	81	1560	<2	50	<10	5	47
8921	1368915	0.162	<1	3.08	33	262	<2	14	0.84	<4	18	112	37	3.24	<0.01	7	1.18	479	<1	73	417	32	2.22	<5	<5	<10	70	1507	4	56	10	6	399
8922	1368916	0.169	1	2.58	33	205	<2	19	1.13	<4	19	111	34	3.01	<0.01	7	1.43	595	<1	70	398	45	1.99	<5	<5	<10	67	1465	<2	57	<10	6	72
8923	1368917	0.214	<1	2.76	34	184	<2	13	1.16	<4	20	125	38	3.50	<0.01	10	1.74	621	<1	75	431	109	1.74	6	<5	<10	71	1575	<2	61	10	7	404
8924	1368918	0.295	<1	2.84	19	200	<2	10	1.09	<4	16	128	29	3.23	0.11	10	2.00	692	<1	66	407	44	1.55	<5	<5	<10	68	1594	2	57	<10	7	63
8925D	1368918	0.294	<1	3.16	6	229	<2	14	1.03	<4	19	141	30	3.37	0.03	10	2.10	720	<1	67	415	48	1.65	<5	<5	<10	68	1800	<2	67	<10	8	63
8926	1368919	0.331	2	2.60	42	235	<2	17	0.07	7	18	128	70	3.49	<0.01	7	1.60	442	<1	76	412	226	2.26	<5	<5	<10	49	1335	<2	71	34	6	2133
8927	1368920	<0.005	<1	2.12	4	338	<2	17	1.86	<4	14	49	20	3.07	<0.01	3	1.14	634	<1	27	522	10	0.27	<5	<5	<10	227	2648	<2	101	22	12	50
8928	1368921	2.015	2	1.37	113	180	<2	13	<0.01	4	19	90	49	3.69	<0.01	5	1.31	299	<1	80	381	527	3.03	<5	<5	<10	39	1004	<2	61	16	7	1004
8929	1368922	0.416	1	3.26	84	293	<2	9	0.30	<4	17	112	38	3.31	<0.01	11	1.44	395	<1	68	416	347	2.42	<5	<5	<10	66	1455	<2	65	<10	7	329
8930	1368923	0.345	1	3.44	85	278	<2	17	0.87	<4	21	134	31	3.68	<0.01	10	1.53	512	<1	80	471	153	3.48	<5	<5	<10	86	1875	<2	75	13	9	378

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Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
8931	1368924	0.263	1	4.78	70	474	<2	22	1.13	<4	15	80	41	3.08	<0.01	11	1.35	582	<1	51	496	175	2.05	<5	<5	<10	83	2115	<2	68	16	6	609
8932	1368925	0.348	2	2.89	46	338	<2	16	0.21	<4	8	25	66	1.82	<0.01	6	0.60	275	<1	26	447	271	1.62	6	<5	<10	47	1532	<2	34	19	4	881
8933	1368926	0.422	1	3.46	43	378	<2	18	0.26	<4	8	25	73	1.68	0.27	7	0.61	275	<1	23	441	227	1.50	7	<5	<10	50	1656	<2	36	19	4	725
8934	1368927	0.546	<1	2.39	72	255	<2	15	0.57	<4	17	84	23	2.97	<0.01	4	0.98	495	<1	67	412	102	2.32	<5	<5	<10	61	1418	<2	51	14	7	559
8935	1368928	0.246	1	2.97	115	289	<2	6	0.81	<4	22	102	92	3.72	<0.01	5	1.09	605	<1	76	400	110	2.85	<5	<5	<10	66	1585	<2	55	<10	11	136
8936R	1368928	0.278	1	2.82	96	257	<2	15	0.87	<4	25	103	93	4.19	<0.01	4	1.12	630	<1	84	400	112	3.44	<5	<5	<10	68	1559	<2	53	<10	11	143
8937	1368929	0.211	2	8.09	96	630	2	14	2.15	<4	19	147	68	3.35	0.55	18	1.45	932	<1	74	619	200	3.21	5	11	<10	116	2649	6	90	17	11	234
8938	1368930	0.238	<1	<0.01	429	>5000	<2	20	0.67	<4	6	19	31	3.00	<0.01	<1	0.06	<100	<1	12	<100	28	0.68	19	<5	<10	104	685	3	15	52	4	23
8939	1368931	1.282	2	3.89	72	453	<2	22	0.63	<4	15	75	72	3.02	<0.01	8	1.17	525	<1	56	465	239	2.18	<5	<5	<10	64	1721	<2	65	21	6	879
8940	1368932	0.294	2	3.17	99	330	<2	18	0.31	<4	15	100	36	2.84	<0.01	5	0.84	314	<1	67	415	163	2.39	<5	<5	<10	51	1580	11	69	10	7	206
8941	1368933	0.395	2	3.01	72	292	<2	19	0.24	<4	18	121	37	3.43	<0.01	5	1.10	362	<1	73	456	104	2.53	<5	<5	<10	49	1576	<2	68	<10	7	359
8942	1368934	0.341	6	4.42	143	363	<2	7	0.11	<4	21	157	67	3.49	<0.01	8	1.01	300	<1	89	530	325	2.74	6	<5	<10	54	1795	<2	93	20	8	913
8943	1368935	0.199	2	4.19	70	359	<2	13	<0.01	<4	22	166	44	3.68	0.10	9	1.09	400	<1	122	473	130	2.20	5	<5	<10	46	1956	3	103	12	7	373
8944	1368936	0.245	3	2.72	32	271	<2	21	<0.01	<4	19	137	32	3.35	<0.01	5	1.19	414	<1	92	424	187	1.89	6	<5	<10	45	1648	<2	74	14	7	479
8945	1368937	0.430	5	1.66	78	248	<2	6	<0.01	5	12	92	98	2.33	<0.01	<1	0.41	149	<1	79	332	620	2.73	7	<5	<10	37	1102	<2	45	23	5	1623
8946	1368938	0.093	<1	3.44	37	297	<2	6	0.37	<4	5	46	19	1.00	0.43	6	0.42	177	<1	60	292	80	0.68	5	<5	<10	39	882	3	23	<10	2	140
8947D	1368938	0.068	<1	2.30	45	305	<2	11	0.31	<4	6	67	26	1.42	<0.01	2	0.57	263	<1	102	432	96	0.96	5	<5	<10	51	1138	<2	26	<10	3	160
8948	1368939	0.384	5	2.12	57	267	<2	14	0.96	<4	8	40	125	1.90	0.02	2	0.72	414	<1	54	397	335	1.65	<5	<5	<10	62	1077	<2	23	13	3	832
8949	1368940	0.007	<1	2.28	<2	349	<2	18	2.00	<4	14	52	24	3.25	<0.01	4	1.24	651	<1	29	571	20	0.39	<5	<5	<10	218	2361	<2	107	19	13	59
8950	1368941	0.047	<1	3.64	29	315	<2	19	1.77	<4	7	50	23	1.79	<0.01	8	1.16	730	<1	73	476	62	0.91	<5	5	<10	73	1544	8	33	11	4	70

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Jason Moore, General Manager

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Tuesday, February 5, 2013

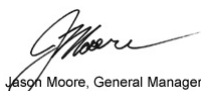
Final Certificate

 Treasury Metals Inc
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 Date Received: 01/15/2013
 Date Completed: 01/30/2013
 Job #: 201340106
 Reference: TL 13-298
 Sample #: 90

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
8951	1368942	0.063	<1	5.32	37	544	<2	20	2.52	<4	7	60	13	2.26	0.28	15	1.73	997	<1	80	531	50	1.19	<5	<5	<10	99	2116	<2	44	12	4	147
8952	1368943	0.011	<1	2.76	<2	252	<2	16	1.73	<4	7	47	13	1.91	<0.01	8	1.07	492	<1	69	441	31	0.81	<5	<5	<10	89	1446	<2	32	<10	3	109
8953	1368944	0.040	2	5.64	16	637	<2	<1	1.98	<4	9	53	46	2.37	<0.01	14	1.12	559	<1	80	511	162	1.41	<5	<5	<10	130	1925	<2	41	28	4	1099
8954	1368945	0.090	<1	3.78	34	482	<2	17	1.03	4	9	56	57	2.25	<0.01	11	0.77	391	<1	101	441	35	1.83	5	<5	<10	98	1853	<2	38	25	3	1329
8955	1368946	0.070	<1	3.60	28	442	<2	12	0.95	<4	10	50	19	2.41	<0.01	11	0.77	392	<1	108	478	32	2.00	<5	<5	<10	92	1865	<2	38	21	3	854
8956	1368947	0.528	<1	3.05	34	376	<2	28	0.93	<4	8	51	126	2.73	<0.01	12	0.75	395	<1	118	428	47	2.41	<5	<5	<10	96	1739	4	36	15	3	429
8957	1368948	0.182	6	2.93	10	299	<2	3	1.67	8	8	42	141	2.36	<0.01	9	1.07	533	<1	99	430	3291	1.26	5	<5	<10	112	1551	5	34	37	3	2417
8958D	1368948	0.232	6	3.37	15	358	<2	21	1.78	8	8	46	146	2.33	<0.01	10	1.08	541	<1	90	436	3306	1.27	7	<5	<10	119	1607	2	36	36	3	2416
8959	1368949	0.674	<1	3.61	22	371	<2	13	2.14	<4	8	42	14	2.00	<0.01	11	1.17	588	<1	84	441	133	0.82	6	<5	<10	123	1623	4	34	10	3	323
8960	1368950	1.914	<1	3.94	<2	495	<2	20	2.34	<4	17	51	33	3.67	<0.01	8	1.25	712	<1	30	535	31	0.44	6	<5	<10	274	2995	<2	116	26	12	146
8961	1368951	0.127	<1	6.70	27	622	<2	34	2.85	<4	9	34	16	2.33	0.25	21	1.39	662	<1	42	532	155	1.25	7	<5	<10	172	1845	2	45	18	4	441
8962	1368952	0.079	2	4.45	14	551	<2	9	2.22	5	8	25	48	2.34	<0.01	12	1.13	730	<1	34	400	657	1.54	<5	<5	<10	137	1529	6	34	33	3	2126
8963	1368953	0.097	<1	5.25	29	551	<2	18	2.22	<4	8	33	15	1.95	<0.01	15	1.15	703	<1	49	442	163	1.07	7	<5	<10	144	1607	<2	37	<10	3	241
8964	1368954	1.946	<1	5.15	<2	581	<2	18	2.61	<4	9	29	2	1.87	<0.01	12	0.94	392	<1	31	484	33	0.47	<5	<5	<10	140	1908	<2	39	<10	3	72
8965	1368955	0.006	<1	5.59	7	543	<2	26	2.54	<4	8	29	3	1.73	<0.01	13	0.72	313	<1	30	458	29	0.69	6	6	<10	138	1768	2	36	<10	3	49
8966	1368956	0.430	<1	1.03	<2	205	<2	11	0.97	<4	8	31	6	1.80	<0.01	8	0.93	491	<1	58	430	147	0.46	<5	<5	<10	64	1594	4	33	<10	3	87
8967	1368957	0.016	<1	0.84	<2	210	<2	9	0.74	<4	8	28	5	1.85	<0.01	8	0.87	427	<1	74	448	18	0.38	<5	<5	<10	63	1628	<2	33	<10	3	42
8968	1368958	0.019	<1	3.19	<2	319	<2	13	2.21	4	8	45	31	2.48	<0.01	11	1.77	952	<1	82	486	102	0.99	5	<5	<10	128	1806	<2	37	18	4	1128
8969D	1368958	0.015	<1	3.64	<2	413	<2	13	2.29	<4	7	42	28	2.25	<0.01	10	1.65	906	<1	72	440	93	0.74	<5	<5	<10	137	1721	2	36	20	4	1070

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AlSu1

 Certified By: 
 Jason Moore, General Manager

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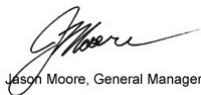
Final Certificate

 Treasury Metals Inc
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 Fax#: (416) 599-4959
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 Date Received: 01/16/2013
 Date Completed: 01/30/2013
 Job #: 201340109
 Reference: TL 13-299
 Sample #: 64

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
9016	1368959	<0.005	1	5.69	18	370	<2	2	2.58	<4	10	16	261	2.20	0.38	15	1.11	296	30	25	433	76	2.25	<5	<5	<10	179	1501	<2	30	<10	6	161
9017	1368960	<0.005	<1	5.64	11	461	<2	3	2.58	<4	13	49	27	3.04	0.27	12	1.16	603	23	27	599	23	0.32	<5	<5	<10	242	2324	<2	103	17	14	63
9018	1368961	<0.005	<1	5.70	12	401	<2	12	1.79	<4	4	14	14	1.23	0.30	20	0.89	169	20	16	544	21	1.33	<5	5	<10	165	1477	<2	32	<10	5	63
9019	1368962	<0.005	<1	5.75	12	382	<2	5	2.05	<4	3	14	11	1.30	0.33	18	0.98	181	16	18	474	19	1.18	<5	<5	<10	187	1539	<2	32	<10	4	54
9020	1368963	<0.005	<1	6.36	20	410	<2	11	2.38	<4	8	19	10	1.10	0.37	15	0.88	239	17	23	447	22	1.17	<5	7	<10	205	1598	<2	29	<10	4	80
9021	1368964	<0.005	<1	4.63	11	317	<2	6	1.67	<4	4	16	7	1.09	0.24	15	0.80	182	11	23	378	17	1.00	<5	<5	<10	146	1436	<2	27	<10	4	47
9022	1368965	<0.005	1	7.33	35	529	<2	<1	1.99	<4	13	26	11	1.92	0.40	23	0.78	272	19	40	494	25	2.18	<5	8	<10	209	1725	<2	37	<10	5	161
9023	1368966	<0.005	<1	7.09	40	528	<2	4	2.26	<4	6	32	10	1.24	0.45	21	0.76	301	21	43	565	21	1.09	6	6	<10	247	1579	<2	35	<10	5	51
9024	1368967	<0.005	1	8.20	45	718	<2	12	3.19	<4	8	40	14	1.36	0.46	31	1.01	484	38	46	654	27	1.16	<5	<5	<10	267	1527	<2	37	<10	5	41
9025	1368968	<0.005	1	4.72	53	588	<2	6	2.10	<4	12	37	15	2.25	0.59	27	0.86	315	30	53	595	29	2.54	5	15	<10	207	1656	<2	41	<10	6	146
9026D	1368968	<0.005	<1	4.15	41	304	<2	<1	1.13	<4	11	27	9	2.04	0.39	14	0.80	286	12	53	504	16	2.17	<5	8	<10	141	1511	<2	33	<10	4	125
9027	1368969	<0.005	<1	5.59	16	508	<2	8	2.11	<4	7	20	10	1.62	0.52	16	1.02	427	19	31	562	29	0.45	<5	<5	<10	181	1498	<2	31	<10	5	51
9028	1368970	5.001	<1	4.93	11	462	<2	11	1.91	<4	5	17	9	1.50	0.40	14	0.94	397	16	27	527	29	0.38	<5	7	<10	167	1393	<2	29	<10	4	47
9029	1368971	0.136	1	5.84	15	459	<2	10	1.69	<4	21	119	49	3.56	0.39	13	1.23	623	18	82	590	45	1.69	<5	<5	<10	116	1855	<2	80	<10	10	124
9030	1368972	0.029	<1	5.59	36	446	<2	20	1.06	<4	8	42	65	1.91	0.30	7	0.58	268	13	45	562	43	1.80	<5	8	<10	95	1219	<2	47	<10	5	60
9031	1368973	0.010	<1	7.16	32	472	<2	19	3.51	<4	8	22	21	2.07	0.43	11	1.62	632	20	29	597	32	1.18	6	10	<10	129	1189	<2	39	<10	6	71
9032	1368974	0.009	<1	6.43	33	481	<2	<1	1.30	<4	6	28	13	1.75	0.21	8	0.62	268	17	44	552	22	1.59	<5	<5	<10	103	1342	<2	44	<10	5	62
9033	1368975	<0.005	<1	7.22	24	538	<2	15	2.15	<4	8	25	20	1.80	0.53	14	1.08	475	20	41	647	26	1.11	6	9	<10	112	1596	<2	44	<10	5	66
9034	1368976	<0.005	<1	7.37	26	527	<2	8	2.84	<4	7	33	13	1.92	0.54	16	1.27	581	24	52	561	35	0.99	<5	12	<10	127	1680	<2	49	<10	6	47
9035	1368977	0.142	7	4.67	40	372	<2	4	0.88	<4	9	44	44	1.89	0.37	4	0.36	183	9	54	516	97	2.01	<5	6	<10	75	1236	<2	44	<10	6	187

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By:  Jason Moore, General Manager

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Tuesday, February 5, 2013


Final Certificate

 Treasury Metals Inc
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 M5X 1B1
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/16/2013
 Date Completed: 01/30/2013
 Job #: 201340109
 Reference: TL 13-299
 Sample #: 64

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
9036	1368978	0.052	1	5.43	28	431	<2	2	1.78	<4	11	60	42	1.74	0.44	10	0.74	433	19	53	470	41	1.29	<5	<5	<10	94	1427	<2	50	<10	7	74
9037D	1368978	0.048	2	7.18	37	569	2	6	2.19	<4	12	81	51	2.07	0.43	16	0.86	497	26	72	572	44	1.50	<5	<5	<10	112	1778	<2	63	<10	9	78
9038	1368979	0.020	<1	4.75	25	436	<2	15	1.52	<4	12	80	21	2.19	0.41	8	0.81	420	17	66	439	44	1.41	<5	<5	<10	90	1562	<2	53	<10	8	86
9039	1368980	0.015	<1	4.12	7	352	<2	20	2.24	<4	13	47	22	3.09	0.27	10	1.15	614	18	27	598	19	0.27	5	<5	<10	187	2409	<2	101	14	14	53
9040	1368981	0.210	<1	4.18	24	392	<2	9	1.10	<4	6	21	29	1.42	0.45	4	0.64	309	5	36	553	48	1.01	<5	<5	<10	76	1266	<2	32	<10	5	142
9041	1368982	0.020	<1	6.31	28	570	<2	16	1.82	<4	8	28	12	1.91	0.60	10	0.93	485	19	49	653	46	1.42	<5	6	<10	111	1385	<2	42	<10	5	59
9042	1368983	0.042	<1	7.62	32	900	2	29	0.50	<4	9	37	21	1.78	0.57	5	0.49	156	9	63	777	48	1.56	<5	13	<10	81	2120	<2	62	<10	5	65
9043	1368984	0.193	<1	9.20	72	862	<2	20	0.86	<4	10	53	46	2.26	0.75	13	0.37	105	25	72	747	101	2.49	7	20	<10	99	1296	<2	62	13	6	142
9044	1368985	0.199	3	4.47	60	447	<2	6	0.13	5	6	19	65	1.60	0.27	<1	0.20	<100	1	37	543	673	1.92	<5	7	<10	53	832	<2	27	19	4	1528
9045	1368986	0.218	2	6.04	46	534	<2	3	0.33	<4	7	41	39	1.12	0.27	4	0.20	<100	7	46	432	110	1.29	5	8	<10	68	926	<2	35	10	4	369
9046	1368987	0.336	2	2.96	54	299	<2	8	<0.01	<4	7	26	43	1.28	0.44	<1	0.17	<100	<1	35	467	103	1.52	6	<5	<10	40	625	<2	25	10	3	654
9047	1368988	0.116	<1	5.99	65	529	<2	21	0.38	<4	8	52	22	1.43	0.45	4	0.22	<100	8	35	398	73	1.86	<5	15	<10	69	914	<2	44	<10	4	186
9048D	1368988	0.114	<1	3.69	66	338	<2	17	0.09	<4	9	42	24	1.58	0.56	<1	0.19	<100	3	48	432	68	1.91	<5	<5	<10	49	648	<2	33	<10	3	201
9049	1368989	0.041	<1	5.78	39	576	<2	4	0.33	<4	5	16	30	1.05	0.39	4	0.24	<100	6	22	489	45	1.26	<5	<5	<10	63	976	<2	30	<10	4	184
9050	1368990	0.267	<1	0.55	514	>5000	<2	13	1.23	<4	7	19	38	3.44	0.14	<1	0.06	<100	16	14	<100	32	0.73	20	<5	<10	146	828	<2	18	57	6	26
9051	1368991	0.114	<1	5.72	66	1074	<2	18	0.38	<4	7	43	53	1.83	0.63	6	0.44	173	9	71	537	59	1.72	<5	7	<10	67	1388	<2	36	12	5	167
9052	1368992	0.393	4	3.90	70	500	<2	5	0.11	4	8	30	72	2.36	0.30	<1	0.22	108	4	55	420	278	2.80	6	<5	<10	46	1212	<2	29	19	4	1276
9053	1368993	0.195	5	5.57	48	502	<2	15	1.24	<4	7	19	44	1.55	0.36	6	0.72	474	9	20	475	173	1.59	<5	<5	<10	86	1471	<2	33	12	4	433
9054	1368994	0.599	40	3.89	139	382	<2	9	0.34	8	7	18	75	1.47	0.26	2	0.42	240	1	33	455	544	1.62	18	<5	<10	57	1336	<2	28	36	4	2722
9055	1368995	1.127	7	2.45	59	257	<2	3	0.12	9	4	20	62	1.26	0.12	<1	0.21	130	<1	41	384	135	1.50	<5	<5	<10	41	813	<2	19	35	4	2593

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
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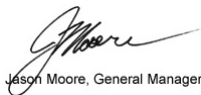
Final Certificate

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 Date Received: 01/16/2013
 Date Completed: 01/30/2013
 Job #: 201340109
 Reference: TL 13-299
 Sample #: 64

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
9056	1368996	0.799	2	4.68	47	385	<2	16	0.79	<4	6	24	28	1.27	0.15	5	0.48	249	10	38	481	133	1.32	5	13	<10	73	1159	<2	25	16	5	490
9057	1368997	0.178	<1	4.26	58	328	<2	9	0.86	<4	6	29	16	1.46	0.29	4	0.61	394	7	51	496	53	1.38	<5	5	<10	69	1259	<2	26	<10	4	250
9058	1368998	0.184	<1	5.79	79	353	<2	16	1.30	<4	15	84	24	2.46	0.34	9	0.67	451	17	70	533	58	2.64	<5	<5	<10	93	1485	<2	49	<10	10	113
9059D	1368998	0.239	<1	3.86	75	248	<2	10	0.89	<4	14	73	22	2.35	0.45	4	0.67	435	8	72	513	58	2.38	<5	<5	<10	73	1318	<2	42	11	9	102
9060	1368999	0.123	<1	4.19	95	273	<2	<1	1.03	<4	13	76	48	2.12	0.45	7	0.69	394	14	68	476	46	2.08	<5	5	<10	76	1314	<2	36	<10	9	129
9061	1369000	<0.005	<1	4.42	12	383	<2	3	2.39	<4	14	52	23	3.23	0.26	11	1.22	646	20	30	647	17	0.28	<5	5	<10	200	2458	<2	107	15	14	54
9062	1327001	0.080	<1	5.02	37	355	<2	21	1.64	<4	7	22	10	1.63	0.42	8	0.94	556	13	36	537	54	1.25	<5	<5	<10	109	1468	<2	27	<10	5	120
9063	1327002	0.136	<1	5.66	75	425	<2	7	1.26	<4	8	30	47	1.87	0.32	8	0.80	417	13	45	527	121	1.59	<5	<5	<10	107	1613	<2	33	10	5	275
9064	1327003	0.030	<1	6.86	28	425	<2	19	1.96	<4	7	25	23	1.68	0.35	16	1.54	785	26	39	584	52	0.77	<5	12	<10	132	1608	<2	31	<10	6	153
9065	1327004	0.325	1	7.75	42	544	<2	7	2.43	<4	7	35	21	1.66	0.37	19	1.03	536	28	39	564	37	1.47	6	5	<10	119	1651	<2	32	11	6	404
9066	1327005	0.101	<1	6.64	44	503	<2	15	2.09	<4	7	25	16	1.88	0.41	14	1.24	547	22	35	505	34	1.31	<5	<5	<10	109	1744	<2	38	<10	5	134
9067	1327006	0.109	<1	5.60	55	348	<2	12	1.98	<4	7	26	15	1.88	0.46	12	1.14	512	17	37	500	33	1.49	<5	<5	<10	101	1392	<2	29	<10	5	121
9068	1327007	0.047	<1	4.63	28	212	<2	11	1.36	<4	14	83	22	2.62	0.37	11	1.74	628	23	74	548	39	1.05	<5	<5	<10	84	1573	<2	45	11	9	177
9069	1327008	<0.005	<1	6.64	11	482	<2	18	2.59	<4	10	58	19	2.23	0.46	13	1.52	804	25	47	535	31	0.96	<5	5	<10	132	1734	<2	42	<10	8	110
9070D	1327008	<0.005	<1	4.32	11	287	<2	14	1.87	<4	8	47	17	2.02	0.29	7	1.25	712	14	44	480	27	0.73	<5	<5	<10	103	1430	<2	35	<10	6	102
9071	1327009	0.010	<1	5.52	19	408	<2	<1	2.06	<4	7	22	18	1.58	0.44	11	1.18	617	16	30	490	19	0.85	<5	<5	<10	105	1405	<2	26	<10	5	37
9072	1327010	2.303	<1	2.63	9	250	<2	7	1.84	<4	15	46	29	3.33	0.19	7	1.26	641	14	32	623	19	0.19	<5	<5	<10	138	2132	<2	104	17	13	52
9073	1327011	<0.005	<1	5.68	14	415	<2	12	2.16	<4	6	29	3	1.73	0.34	12	1.34	478	19	44	552	12	0.57	<5	9	<10	111	1568	<2	30	<10	5	59
9074	1327012	0.044	<1	5.97	25	441	<2	24	2.24	<4	10	48	18	1.88	0.26	12	1.07	424	20	44	501	24	1.21	<5	6	<10	119	1556	<2	36	<10	7	81
9075	1327013	0.135	<1	5.26	80	282	<2	<1	2.05	<4	20	106	69	3.53	0.40	11	1.19	577	22	81	531	44	3.04	<5	6	<10	106	1949	<2	60	10	11	178

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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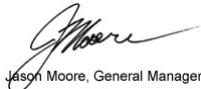
Final Certificate

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 Date Received: 01/16/2013
 Date Completed: 01/30/2013
 Job #: 201340109
 Reference: TL 13-299
 Sample #: 64

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
9076	1327014	0.029	<1	6.03	22	405	<2	14	2.91	<4	8	46	14	2.10	0.29	14	1.43	752	22	39	524	25	0.78	<5	<5	<10	122	1771	<2	44	<10	7	50
9077	1327015	0.054	<1	5.09	41	272	<2	9	2.39	<4	12	66	19	2.44	0.40	10	1.26	589	17	57	506	27	1.49	<5	5	<10	106	1714	<2	45	<10	8	184
9078	1327016	0.052	2	7.84	22	899	<2	8	2.74	<4	12	103	26	2.36	0.17	31	0.80	427	48	56	417	47	1.78	<5	<5	<10	147	2261	<2	62	<10	7	66
9079	1327017	0.013	2	8.45	17	1153	<2	12	4.25	<4	6	47	52	1.89	0.37	36	0.93	555	48	29	465	68	1.25	5	16	<10	217	1930	<2	41	<10	5	136
9080	1327018	0.049	1	8.02	30	993	<2	26	3.62	<4	8	43	24	1.78	0.56	35	0.76	441	40	38	493	49	1.09	<5	5	<10	173	1967	<2	40	<10	5	125
9081R	1327018	0.070	2	9.46	43	1102	2	6	4.02	<4	10	45	33	2.04	0.75	41	0.77	459	48	31	580	61	1.49	<5	17	<10	198	2114	<2	45	11	5	219
9082	1327019	0.120	2	9.07	36	896	<2	15	3.01	<4	7	37	38	1.55	0.53	36	0.69	330	40	24	530	81	1.26	<5	7	<10	172	1982	<2	40	<10	5	266
9083	1327020	<0.005	1	8.96	11	777	<2	19	3.61	<4	13	63	23	3.05	0.32	23	1.07	627	41	25	618	27	0.63	<5	11	<10	332	2922	<2	108	21	14	49
9084	1327021	0.075	1	8.09	39	979	2	9	3.33	<4	7	40	37	1.68	0.40	38	0.76	427	42	26	518	70	1.35	<5	<5	<10	178	1998	<2	39	13	5	545
9085	1327022	0.262	2	>10.00	62	925	2	13	3.35	<4	7	40	30	1.72	0.33	37	0.82	396	46	26	533	184	1.65	7	<5	<10	177	1943	<2	39	10	6	131

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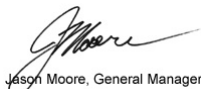
Final Certificate

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 Date Received: 01/16/2013
 Date Completed: 01/29/2013
 Job #: 201340111
 Reference: TL 13-300
 Sample #: 33

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
9123	1327023	0.022	1	4.61	22	310	<2	<1	1.56	<4	9	<1	6	1.48	0.25	<1	0.81	453	<1	29	488	24	0.83	8	14	<10	97	1244	<2	28	<10	3	67
9124	1327024	0.068	<1	4.98	11	383	<2	<1	1.59	<4	6	<1	8	1.44	0.29	<1	0.83	432	<1	27	464	31	0.86	<5	11	<10	96	1058	<2	29	<10	3	37
9125	1327025	1.606	10	4.33	26	317	<2	<1	0.29	7	6	<1	45	1.48	0.37	<1	0.18	<100	<1	34	375	571	1.62	11	7	<10	85	902	<2	27	21	2	1808
9126	1327026	1.246	3	4.01	14	297	<2	1	0.21	<4	5	<1	21	1.45	0.47	<1	0.19	<100	<1	68	367	115	1.36	<5	15	<10	80	884	<2	28	<10	2	443
9127	1327027	0.129	<1	4.77	21	357	<2	<1	0.93	<4	7	<1	13	1.80	0.63	<1	0.58	327	<1	99	472	45	1.31	<5	11	<10	87	979	<2	30	<10	3	56
9128	1327028	23.621	<1	4.01	22	361	<2	<1	0.08	<4	4	<1	46	1.36	0.04	<1	0.14	102	<1	103	398	63	1.12	6	13	<10	71	810	<2	30	<10	2	243
9129	1327029	0.827	3	3.69	36	358	<2	<1	<0.01	<4	7	<1	21	1.11	0.03	<1	0.09	<100	<1	73	375	59	1.04	5	13	<10	67	739	<2	28	<10	2	340
9130	1327030	4.105	58	2.58	26	346	<2	<1	1.06	18	12	<1	48	2.69	0.08	<1	0.67	434	<1	25	476	541	0.45	50	9	223	186	1488	<2	76	46	8	1679
9131	1327031	0.274	1	3.78	67	336	<2	<1	0.30	<4	5	<1	44	1.53	0.12	<1	0.42	168	<1	108	365	130	1.17	6	11	<10	75	672	<2	28	<10	2	233
9132	1327032	0.255	<1	3.85	54	418	<2	<1	<0.01	4	5	<1	22	1.43	0.07	<1	0.11	<100	<1	85	301	129	1.39	<5	14	<10	63	768	<2	30	13	<2	965
9133D	1327032	0.266	<1	3.97	52	424	<2	<1	<0.01	4	6	<1	22	1.37	0.30	<1	0.11	<100	<1	72	305	137	1.40	12	5	<10	65	755	<2	29	19	<2	985
9134	1327033	4.609	83	2.86	1734	275	<2	<1	<0.01	5	12	<1	1257	1.90	0.08	<1	0.16	<100	<1	125	240	14645	2.10	1319	18	<10	50	634	<2	43	10	2	372
9135	1327034	0.117	<1	3.61	65	316	<2	<1	<0.01	<4	8	<1	42	1.54	0.01	<1	0.16	<100	<1	85	312	143	1.49	11	7	<10	52	772	<2	38	<10	2	458
9136	1327035	0.762	4	2.93	170	235	<2	1	<0.01	19	10	<1	153	2.28	<0.01	<1	0.13	<100	<1	77	247	1118	2.54	57	15	<10	47	712	<2	26	55	<2	4643
9137	1327036	0.242	<1	3.55	58	304	<2	<1	<0.01	4	6	<1	34	1.66	0.09	<1	0.15	<100	<1	83	315	109	1.63	11	<5	<10	50	880	<2	27	17	<2	967
9138	1327037	0.195	1	4.16	52	377	<2	<1	0.53	5	8	<1	36	2.11	0.25	<1	0.47	287	<1	102	398	64	1.97	<5	10	<10	68	1103	<2	31	17	2	842
9139	1327038	0.043	<1	5.79	32	439	<2	<1	1.25	<4	8	<1	18	1.51	0.27	<1	0.86	497	<1	82	476	44	1.03	<5	13	<10	106	1321	<2	33	10	3	81
9140	1327039	0.117	<1	4.77	36	325	<2	<1	1.43	<4	6	<1	14	1.50	0.08	<1	0.90	585	<1	48	426	31	1.05	<5	8	<10	110	1230	<2	28	<10	3	195
9141	1327040	0.015	<1	2.88	<2	259	<2	<1	1.74	<4	14	<1	20	2.75	0.16	<1	1.03	540	<1	30	504	3	0.20	<5	9	<10	181	1987	<2	92	14	10	45
9142	1327041	0.369	2	4.57	49	393	<2	<1	0.50	8	9	<1	40	1.70	0.19	<1	0.45	262	<1	66	395	124	1.60	10	<5	12	81	1391	<2	31	30	2	2024

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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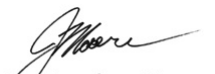
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9143	1327042	0.209	3	4.44	36	331	<2	<1	0.69	<4	5	<1	19	1.24	0.52	<1	0.52	280	<1	58	436	239	0.99	9	12	<10	94	1282	<2	29	<10	2	215
9144D	1327042	0.190	3	5.36	39	407	<2	<1	0.81	<4	5	<1	19	1.28	0.20	<1	0.55	293	<1	60	452	254	1.03	<5	18	<10	102	1464	<2	33	<10	3	213
9145	1327043	0.504	2	3.74	35	311	<2	<1	0.45	<4	6	<1	36	1.17	0.29	<1	0.45	258	<1	58	430	60	0.89	<5	13	<10	76	1259	<2	28	<10	3	172
9146	1327044	1.635	5	3.71	35	349	<2	1	0.30	6	6	<1	162	1.46	0.08	<1	0.31	181	<1	87	335	188	1.28	8	6	<10	61	1257	<2	28	27	2	1735
9147	1327045	0.123	<1	4.46	24	329	<2	<1	1.19	<4	6	<1	24	1.33	0.03	<1	0.72	514	<1	60	418	20	0.89	<5	11	<10	94	1308	<2	27	13	3	465
9148	1327046	0.115	<1	4.65	28	343	<2	1	1.25	<4	7	<1	22	1.48	0.19	<1	0.74	537	<1	98	432	30	0.86	7	5	<10	96	1351	<2	31	<10	3	203
9149	1327047	0.059	<1	4.82	31	383	<2	<1	1.56	<4	7	<1	9	1.40	0.27	<1	0.89	627	<1	40	432	26	0.83	5	12	<10	100	1340	<2	28	<10	2	75
9150	1327048	0.115	<1	3.75	30	325	<2	<1	2.01	<4	14	<1	38	2.45	0.06	<1	1.26	735	<1	64	430	20	1.41	<5	13	<10	113	1633	<2	46	<10	7	77
9151	1327049	0.010	<1	4.96	5	492	<2	<1	1.92	<4	7	<1	20	1.62	0.16	<1	1.38	638	<1	41	457	24	0.58	7	16	<10	119	1369	<2	28	<10	3	67
9152	1327050	0.249	1	<0.01	405	>5000	<2	<1	0.76	<4	7	<1	70	2.59	<0.01	<1	0.05	<100	<1	13	<100	34	0.44	27	9	<10	86	560	<2	13	40	3	175
9153	1327051	0.023	<1	4.87	8	445	<2	<1	1.92	<4	7	<1	15	1.64	0.15	<1	1.18	537	<1	46	472	22	0.60	<5	8	<10	121	1392	<2	30	<10	3	86
9154	1327052	0.041	<1	4.18	9	344	<2	<1	1.56	<4	8	<1	9	1.55	0.09	<1	0.98	572	<1	71	445	19	0.57	<5	9	<10	108	1368	<2	31	<10	3	57
9155D	1327052	0.039	<1	4.24	10	352	<2	<1	1.58	<4	8	<1	9	1.52	<0.01	<1	1.00	578	<1	57	439	19	0.59	<5	15	<10	108	1327	<2	29	<10	3	60
9156	1327053	0.262	1	2.28	41	329	<2	<1	<0.01	21	4	<1	34	1.79	<0.01	<1	0.19	<100	<1	46	312	111	2.00	<5	12	<10	46	1122	<2	28	74	2	8318
9157	1327054	0.051	<1	4.62	14	447	<2	<1	1.14	<4	8	<1	9	1.40	0.01	<1	0.63	272	<1	85	441	20	0.91	10	<5	<10	109	1361	<2	29	<10	3	69
9158	1327055	0.028	<1	4.27	7	381	<2	2	1.68	<4	7	<1	9	1.58	0.24	<1	0.97	368	<1	81	453	13	0.67	<5	10	<10	107	1354	<2	29	11	3	649

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Jason Moore, General Manager

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Friday, February 8, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 01/30/2013
 Date Completed: 02/08/2013
 Job #: 201340230
 Reference: TL 13-300
 Sample #: 17

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
18867	1327023	20	<0.001	0.020
18868	1327024	75	0.002	0.075
18869	1327025	2039	0.059	2.039
18870	1327026	1524	0.044	1.524
18871	1327027	110	0.003	0.110
18872	1327028	914	0.027	0.914
18873	1327029	788	0.023	0.788
18874	1327030	5029	0.147	5.029
18875	1327031	248	0.007	0.248
18876	1327032	236	0.007	0.236
18877 Dup	1327032	265	0.008	0.265
18878	1327033	5528	0.161	5.528
18879	1327034	125	0.004	0.125
18880	1327035	750	0.022	0.750
18881	1327036	201	0.006	0.201
18882	1327037	184	0.005	0.184
18883	1327038	54	0.002	0.054
18884	1327039	100	0.003	0.100

PROCEDURE CODES: ALM1, ALFA1


 Certified By: Dr. David Brown, VP Quality

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Friday, February 15, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/11/2013
 Date Completed: 02/15/2013
 Job #: 201340319
 Reference: TL-13-300
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppb	#2 Pulp Assay ppb	Metallics Assay ppb	Total ppb	% Met. in Pulp	Pulp Met. Weight(g) ppb
26682	1327028	272	310	1556	338	3.69%	36.93

PROCEDURE CODES: ALPM1


 Certified By: Dr. David Brown, VP Quality

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Wednesday, December 16, 2015

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 02/19/2013
 Date Completed: 02/21/2013
 Job #: 201340378
 Reference: TL-13-300
 Sample #: 1

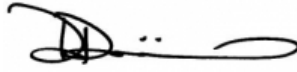
Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
30270	1327028	0.490	0.444	3.420	0.535	2.32%	49.6

APPLIED SCOPES: ALPM4

Validated By:

Certified By:

Authorized By:



Derek Demianiuk, VP Quality

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Friday, March 1, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/26/2013
 Date Completed: 03/01/2013
 Job #: 201340460
 Reference: TL13-300
 Sample #: 8

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
36629	1327026	1.045	1.092	1.143	1.072	4.37%	43.58
36630	1327027	0.242	0.266	0.057	0.249	2.60%	26.06
36631	1327028	0.360	0.377	1.751	0.422	3.85%	38.52
36632	1327029	0.521	0.507	0.250	0.514	No Met.	41.05
36633	1327030	4.480	4.480		4.480	No Met.	
36634	1327031	0.263	0.245	0.131	0.250	2.97%	29.8
36635	1327032	0.242	0.248	0.141	0.243	1.75%	17.51
36636	1327033	14.207	13.715	719.399	23.767	1.39%	13.97

PROCEDURE CODES: ALPM1


 Certified By: Dr. David Brown, VP Quality

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Wednesday, February 20, 2013


Final Certificate

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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/08/2013
 Job #: 201340177
 Reference: TL13-301
 Sample #: 65

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
13992	1327203	0.011	1	8.60	19	744	2	14	2.22	4	9	29	21	2.00	0.23	30	1.17	493	16	41	938	28	1.06	<5	11	<10	409	1467	<2	43	28	6	671
13993	1327204	0.006	1	6.96	23	657	<2	15	1.86	<4	12	26	10	1.98	0.11	39	1.07	552	13	38	969	25	1.23	<5	14	<10	271	1662	<2	37	14	6	246
13994	1327205	<0.005	<1	6.32	28	641	2	19	1.37	<4	15	24	3	1.93	0.16	22	0.44	248	14	41	877	30	2.01	<5	23	<10	186	1400	<2	34	14	5	158
13995	1327206	<0.005	<1	6.12	22	613	2	15	1.11	<4	13	24	2	1.89	0.30	22	0.46	238	10	45	937	26	1.85	<5	19	<10	219	1468	<2	36	<10	5	96
13996	1327207	0.007	<1	6.85	29	762	3	13	3.72	<4	10	34	4	2.25	0.30	40	1.70	842	18	57	873	34	1.27	<5	11	<10	289	2049	<2	41	14	5	72
13997	1327208	0.006	1	4.42	22	374	2	27	3.26	<4	7	28	6	2.32	0.19	16	1.45	783	7	42	933	77	1.69	<5	12	<10	221	1657	<2	31	<10	5	134
13998	1327209	<0.005	1	6.13	24	638	<2	14	1.63	<4	8	23	3	2.10	0.50	29	0.72	337	5	39	864	26	1.82	5	15	<10	232	1701	<2	35	10	5	37
13999	1327210	5.334	74	2.52	44	418	<2	15	1.46	22	13	35	56	2.99	0.18	6	0.75	496	5	25	922	695	0.42	17	<5	228	154	1579	<2	84	96	11	1953
14000	1327211	<0.005	2	5.06	17	495	<2	20	2.01	<4	7	21	15	1.99	0.25	19	0.89	554	5	30	775	20	1.23	<5	15	<10	182	1570	<2	33	13	5	55
14001	1327212	0.098	<1	4.95	21	312	2	11	2.06	<4	7	35	7	1.77	0.48	9	0.98	485	6	56	892	55	1.06	<5	12	<10	158	886	<2	26	16	5	166
14002D	1327212	0.108	1	6.28	25	413	<2	22	2.35	<4	7	55	7	1.82	0.22	13	0.96	475	11	84	750	52	1.01	5	14	<10	171	985	<2	29	11	6	152
14003	1327213	0.129	<1	4.62	39	397	2	16	1.19	<4	7	51	14	2.28	0.15	6	0.43	259	11	86	649	46	2.08	<5	9	<10	86	827	<2	28	14	5	75
14004	1327214	0.321	3	6.80	63	617	2	24	1.17	<4	7	51	33	1.82	0.13	9	0.43	197	11	78	744	147	1.64	5	14	<10	111	909	<2	35	16	5	185
14005	1327215	0.390	1	5.11	40	525	2	16	0.51	<4	5	38	17	1.34	0.16	4	0.09	<100	8	56	560	104	1.32	<5	17	<10	82	756	<2	28	20	3	151
14006	1327216	0.072	<1	6.13	39	617	2	24	0.66	<4	6	40	16	1.13	0.17	9	0.30	<100	8	62	655	72	0.94	<5	23	<10	87	841	<2	31	11	4	73
14007	1327217	0.839	5	5.69	72	596	3	22	0.56	<4	7	60	61	1.20	0.15	5	0.12	<100	12	86	754	205	1.07	9	14	<10	83	795	<2	34	26	4	600
14008	1327218	0.049	<1	5.80	58	644	3	20	0.55	<4	8	40	14	1.14	0.10	6	0.27	<100	6	49	676	71	1.03	<5	13	<10	81	819	<2	34	13	4	102
14009	1327219	0.241	1	4.56	84	529	<2	18	0.40	6	5	43	16	1.59	0.40	2	0.10	<100	9	66	519	169	1.70	<5	12	<10	65	664	<2	27	50	3	1807
14010	1327220	<0.005	<1	5.04	9	326	2	16	2.12	<4	12	46	20	3.02	0.32	12	1.22	624	1	27	796	15	0.07	5	18	<10	236	2437	<2	105	26	15	63
14011	1327221	1.293	9	3.66	265	194	<2	14	<0.01	40	7	48	291	5.14	0.25	3	0.19	108	9	71	449	841	6.34	38	13	<10	49	535	<2	25	272	4	14812

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, February 20, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/08/2013
 Job #: 201340177
 Reference: TL13-301
 Sample #: 65

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14012	1327222	0.299	6	5.96	235	331	2	16	0.10	23	13	77	117	3.32	0.27	10	0.46	109	7	84	771	1445	3.69	9	15	<10	63	860	<2	48	128	7	4059
14013D	1327222	0.282	6	3.55	234	231	2	14	<0.01	23	13	66	117	3.27	0.20	5	0.38	102	8	85	945	1418	3.65	11	14	<10	45	632	<2	38	128	6	6483
14014	1327223	0.152	<1	5.55	94	339	3	14	0.05	6	8	48	41	2.46	0.32	8	0.36	<100	9	78	1050	161	2.53	6	9	<10	60	931	<2	33	49	6	1399
14015	1327224	0.182	1	2.81	75	219	2	17	<0.01	4	6	48	35	1.65	0.22	<1	0.21	<100	12	84	832	197	1.54	<5	9	<10	41	655	<2	25	29	4	909
14016	1327225	0.201	<1	4.89	56	332	2	27	0.34	<4	6	28	17	1.33	0.46	6	0.40	149	4	44	865	38	1.19	5	14	<10	69	1151	<2	27	18	6	133
14017	1327226	0.183	<1	5.78	55	389	2	19	0.37	<4	7	32	13	1.49	0.36	8	0.42	153	6	54	875	49	1.36	<5	16	<10	74	1304	<2	31	17	6	118
14018	1327227	0.165	<1	5.88	60	363	3	23	0.63	5	7	29	72	1.53	0.17	10	0.62	299	5	45	817	54	1.38	<5	14	<10	84	1395	<2	32	38	7	1377
14019	1327228	0.172	<1	5.99	77	305	2	16	1.22	<4	8	23	25	1.70	0.17	13	0.85	483	4	38	908	64	1.31	<5	12	<10	100	1399	<2	30	35	7	935
14020	1327229	0.233	2	6.43	64	387	2	14	0.94	<4	7	27	36	1.60	0.23	13	0.73	376	5	43	714	84	1.30	<5	17	<10	103	1531	<2	33	16	7	120
14021	1327230	0.190	<1	1.04	467	>5000	<2	20	0.95	<4	7	18	32	3.05	0.11	4	0.18	<100	14	11	444	32	0.37	9	12	<10	99	588	<2	16	78	7	25
14022	1327231	0.581	2	4.72	64	347	2	16	0.43	4	7	35	77	2.00	0.13	7	0.42	210	7	61	679	107	1.95	<5	14	<10	68	1263	<2	28	36	6	1012
14023	1327232	0.190	<1	6.63	43	352	3	27	1.60	<4	5	34	26	1.65	0.13	16	0.96	581	6	55	934	42	0.99	<5	21	<10	108	1402	<2	31	16	7	218
14024D	1327232	0.198	<1	6.46	52	382	3	31	1.62	<4	7	32	26	1.64	0.25	15	0.96	587	7	56	929	41	1.02	<5	13	<10	110	1364	<2	30	21	7	213
14025	1327233	0.010	<1	6.63	13	408	2	23	2.55	<4	7	39	55	2.10	0.24	16	1.82	885	7	66	989	35	0.69	<5	10	<10	143	1400	<2	32	12	7	97
14026	1327234	0.008	<1	6.48	16	404	2	24	2.00	<4	7	39	18	1.82	0.21	17	1.76	816	5	53	1017	31	0.53	<5	22	<10	111	1533	<2	34	<10	8	88
14027	1327235	<0.005	<1	7.16	13	516	3	24	2.59	<4	7	33	37	1.89	0.33	16	1.56	669	5	55	863	30	0.54	<5	16	<10	131	1653	<2	32	22	7	265
14028	1327236	0.193	<1	8.25	19	542	3	13	2.47	<4	7	42	5	1.85	0.16	20	1.40	511	7	69	955	33	0.62	<5	23	<10	146	1558	<2	34	14	8	59
14029	1327237	0.051	<1	6.27	37	326	3	14	1.94	<4	8	35	6	1.94	0.07	16	1.15	601	6	58	890	32	1.05	5	19	<10	132	1365	<2	31	17	7	94
14030	1327238	0.678	8	6.39	64	467	<2	18	0.70	23	7	36	103	2.70	0.16	16	0.63	248	12	61	837	1546	3.01	5	22	<10	97	1492	<2	35	158	7	7250
14031	1327239	0.063	<1	7.13	29	498	3	37	1.86	<4	6	34	26	1.88	0.07	19	1.11	456	6	53	852	55	1.31	<5	16	<10	138	1428	<2	31	25	8	459

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, February 20, 2013


Final Certificate

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/08/2013
 Job #: 201340177
 Reference: TL13-301
 Sample #: 65

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14032	1327240	0.029	<1	5.35	7	325	2	12	2.30	<4	14	51	22	3.29	0.24	14	1.32	679	2	27	907	16	0.08	<5	12	<10	236	2584	<2	113	23	16	58
14033	1327241	0.114	1	6.18	40	426	2	21	1.52	<4	7	23	29	1.58	0.10	20	0.98	366	4	36	1009	109	0.56	<5	19	<10	90	1667	<2	34	23	7	258
14034	1327242	0.782	6	4.58	41	404	<2	19	1.82	18	8	28	77	2.05	0.17	14	1.11	580	9	47	836	458	1.42	<5	12	<10	100	1356	<2	28	120	5	4757
14035D	1327242	0.744	12	5.83	46	591	3	12	2.41	18	7	34	80	2.07	0.18	18	1.06	587	10	47	1100	474	1.46	<5	18	<10	118	1416	<2	29	119	4	4785
14036	1327243	0.046	<1	7.14	47	518	3	10	2.23	<4	8	32	7	1.91	0.22	23	1.24	467	7	49	1039	33	0.47	<5	19	<10	140	1734	<2	35	13	7	109
14037	1327244	0.064	<1	3.83	31	343	<2	20	0.80	<4	7	21	11	1.65	0.21	16	0.88	326	4	34	580	31	0.61	<5	13	<10	71	1453	<2	30	13	6	164
14038	1327245	0.022	<1	6.28	23	496	2	27	1.51	<4	7	41	7	2.12	0.19	25	1.24	451	8	71	1096	20	0.59	<5	14	<10	124	1772	<2	37	14	8	88
14039	1327246	0.023	<1	5.83	20	448	<2	14	1.30	<4	7	24	6	1.68	0.21	22	1.04	356	4	40	770	19	0.49	<5	13	<10	114	1619	<2	32	11	7	66
14040	1327247	0.156	1	5.95	46	488	2	27	1.16	<4	8	21	48	1.75	0.08	23	1.14	405	9	29	767	57	0.58	<5	15	<10	106	1739	<2	35	17	7	285
14041	1327248	0.121	<1	6.50	31	383	2	22	1.43	4	7	23	31	2.02	0.06	23	1.28	379	4	36	772	40	1.35	<5	14	<10	134	1529	<2	31	30	7	795
14042	1327249	0.059	1	6.43	11	384	2	27	2.57	4	6	28	178	1.86	0.09	21	1.75	793	4	36	662	47	0.79	5	20	<10	156	1257	<2	29	33	8	1029
14043	1327250	0.260	<1	2.51	478	>5000	2	17	1.11	<4	7	20	33	3.07	0.06	10	0.24	<100	15	13	684	31	0.45	17	19	<10	130	770	<2	17	84	9	26
14044	1327301	0.067	1	8.78	27	887	2	12	3.08	<4	7	34	78	1.86	0.18	29	1.22	608	7	33	984	71	0.83	<5	20	<10	163	1642	<2	37	25	6	538
14045	1327302	0.113	<1	7.17	8	372	3	18	0.81	<4	20	119	90	3.83	0.20	27	1.45	572	5	89	896	58	1.34	<5	19	<10	98	1739	<2	95	10	9	195
14046D	1327302	0.117	1	7.89	7	403	2	14	0.90	<4	22	126	94	3.97	0.19	30	1.53	601	4	88	675	59	1.37	<5	15	<10	105	1879	<2	101	16	10	204
14047	1327303	0.191	<1	7.68	43	308	2	6	1.56	<4	19	133	82	3.41	0.16	27	1.27	617	5	75	1025	81	1.63	5	14	<10	128	1997	<2	75	11	14	167
14048	1327304	0.172	1	8.97	63	726	2	13	2.31	<4	19	144	61	3.27	0.38	32	0.93	536	8	73	607	72	1.75	6	16	<10	139	2457	<2	86	20	13	220
14049	1327305	0.193	<1	8.56	97	470	2	20	1.33	<4	17	135	47	3.15	0.34	29	0.96	513	7	80	1018	118	2.26	<5	13	<10	119	2387	<2	84	13	16	307
14050	1327306	0.959	1	8.32	12	438	3	30	1.66	<4	18	132	59	3.72	0.38	33	1.45	643	4	81	591	74	1.07	<5	13	<10	130	2465	<2	80	18	17	165
14051	1327307	2.265	3	8.33	186	653	2	18	0.57	19	18	140	427	4.31	0.37	29	0.57	189	8	84	1035	365	4.61	<5	16	<10	96	2264	<2	84	133	13	7189

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, February 20, 2013

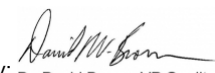
Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/08/2013
 Job #: 201340177
 Reference: TL13-301
 Sample #: 65

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14052	1327308	0.204	1	9.98	60	490	2	26	1.72	<4	23	171	123	3.67	0.32	41	1.13	687	8	101	1330	118	1.87	6	31	12	173	2909	<2	103	18	13	203
14053	1327309	0.170	<1	9.45	33	262	3	26	1.74	<4	17	136	86	3.09	0.25	40	1.17	599	8	83	1068	88	1.02	<5	19	<10	156	2472	<2	79	23	13	211
14054	1327310	0.080	1	>10.00	35	331	3	21	2.18	16	20	173	115	3.65	0.20	44	1.28	738	8	95	745	250	1.54	<5	18	<10	184	3012	<2	90	54	14	2005
14055	1327311	0.021	<1	9.46	13	416	3	16	2.39	<4	8	53	20	1.60	0.14	33	0.94	542	6	60	864	58	0.43	<5	27	<10	172	1767	<2	39	14	8	93
14056	1327312	0.011	<1	>10.00	14	665	2	25	2.46	<4	9	45	19	1.82	0.19	42	1.09	530	5	55	1018	55	0.62	6	18	<10	180	1877	<2	39	19	10	441
14057R	1327312	0.010	<1	>10.00	10	748	3	23	2.69	<4	11	45	22	2.09	0.19	42	1.30	615	5	58	1120	72	0.74	<5	17	<10	186	2057	<2	44	22	10	529
14058	1327313	0.079	<1	2.44	5	230	3	14	0.77	<4	5	18	18	0.91	<0.01	7	0.55	299	6	27	761	32	0.26	<5	7	<10	72	780	<2	20	11	4	109
14059	1327314	0.025	<1	3.46	7	220	<2	18	1.27	<4	6	31	11	1.15	<0.01	6	0.64	350	3	43	578	28	0.39	<5	15	<10	93	895	<2	25	<10	4	43
14060	1327315	0.779	9	1.12	10	117	<2	12	0.36	12	3	18	175	0.85	<0.01	1	0.34	213	2	31	409	2707	0.83	<5	12	<10	53	532	<2	14	73	3	3381
14061	1327316	0.017	<1	3.84	5	381	<2	17	1.47	<4	6	34	8	1.23	0.02	8	0.75	417	2	46	771	41	0.36	<5	13	<10	112	1182	<2	29	<10	5	62
14062	1327317	0.016	<1	2.89	4	465	<2	25	0.94	<4	5	41	27	1.33	<0.01	9	0.68	382	4	58	592	36	0.40	<5	20	<10	96	1188	<2	30	15	4	204

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Monday, February 25, 2013


Final Certificate

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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/19/2013
 Date Completed: 02/25/2013
 Job #: 201340376
 Reference: TL-13-301, TL0827-13RE, TL-13-306,
 Sample #: 70

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30179	1327231	544	0.016	0.544
30180	1327232	143	0.004	0.143
30181	1327233	27	<0.001	0.027
30182	1327234	15	<0.001	0.015
30183	1327235	6	<0.001	0.006
30184	1327236	18	<0.001	0.018
30185	1327237	50	0.001	0.050
30186	1327238	690	0.020	0.690
30187	1327239	64	0.002	0.064
30188	1327240	5	<0.001	0.005
30189 Dup	1327240	Insufficient Sample		
30190	1327241	128	0.004	0.128
30191	1327242	615	0.018	0.615
30192	1327243	39	0.001	0.039
30193	1327244	37	0.001	0.037
30194	1327245	28	<0.001	0.028
30195	1327246	26	<0.001	0.026
30196	1327247	147	0.004	0.147
30197	1327248	146	0.004	0.146
30198	1327249	62	0.002	0.062
30199	1327250	4598	0.134	4.598
30200	1327301	72	0.002	0.072
30201	1327302	121	0.004	0.121
30202	1327303	201	0.006	0.201
30203	1327304	253	0.007	0.253
30204	1327305	222	0.006	0.222
30205	1327306	1057	0.031	1.057
30206	1327307	1690	0.049	1.690
30207	1327308	205	0.006	0.205
30208	1327309	395	0.012	0.395

PROCEDURE CODES: ALM1, ALFA1

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 Date Received: 02/19/2013
 Date Completed: 02/25/2013
 Job #: 201340376
 Reference: TL-13-301, TL0827-13RE, TL-13-306,
 Sample #: 70

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30209	1368121	84	0.002	0.084
30210	1368122	88	0.003	0.088
30211 Dup	1368122	94	0.003	0.094
30212	1368123	30	<0.001	0.030
30213	1368124	487	0.014	0.487
30214	1368125	176	0.005	0.176
30215	1368126	148	0.004	0.148
30216	1368127	155	0.005	0.155
30217	1368128	50	0.001	0.050
30218	1368129	90	0.003	0.090
30219	1368130	240	0.007	0.240
30220	1368131	28	<0.001	0.028
30221	1368132	23	<0.001	0.023
30222 Dup	1368132	21	<0.001	0.021
30223	1368133	23	<0.001	0.023
30224	1368134	26	<0.001	0.026
30225	1368135	51	0.001	0.051
30226	1368136	55	0.002	0.055
30227	1368137	87	0.003	0.087
30228	1368138	142	0.004	0.142
30229	1368139	73	0.002	0.073
30230	1368169	22	<0.001	0.022
30231	1368170	257	0.007	0.257
30232	1368171	10	<0.001	0.010
30233 Dup	1368171	10	<0.001	0.010
30234	1368172	42	0.001	0.042
30235	1368173	112	0.003	0.112
30236	1368174	68	0.002	0.068
30237	1368175	177	0.005	0.177
30238	1368176	87	0.003	0.087

PROCEDURE CODES: ALM1, ALFA1


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 Date Received: 02/19/2013
 Date Completed: 02/25/2013
 Job #: 201340376
 Reference: TL-13-301, TL0827-13RE, TL-13-306,
 Sample #: 70

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30239	1368177	137	0.004	0.137
30240	1368178	7	<0.001	0.007
30241	1368179	18	<0.001	0.018
30242	1368371	50	0.001	0.050
30243	1368372	205	0.006	0.205
30244 Rep	1368372	223	0.007	0.223
30245	1368373	72	0.002	0.072
30246	1368374	42	0.001	0.042
30247	1368375	51	0.001	0.051
30248	1368376	223	0.007	0.223
30249	1368377	142	0.004	0.142
30250	1368378	86	0.003	0.086
30251	1368379	175	0.005	0.175
30252	1368380	4874	0.142	4.874
30253	1368381	57	0.002	0.057

PROCEDURE CODES: ALM1, ALFA1

 Certified By: 
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Friday, December 11, 2015

Final Certificate

Treasury Metals Inc
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Date Received: 01/23/2013
Date Completed: 02/07/2013
Job #: 201340178
Reference: TL13-302
Sample #: 61

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14063	1327318	<1	2.76	7	199	2	15	1.27	<4	10	52	17	1.88	<0.01	7	0.83	468	2	46	797	41	0.60	<5	12	<10	95	1076	<2	36	<10	6	81
14064	1327319	<1	2.15	37	209	<2	19	0.23	<4	8	31	24	1.64	<0.01	<1	0.28	137	1	35	596	35	1.55	<5	16	<10	56	783	<2	30	<10	4	63
14065	1327320	<1	1.78	4	190	2	9	1.26	<4	9	29	13	2.00	<0.01	1	0.79	421	<1	18	895	9	0.05	<5	12	<10	152	1629	<2	69	14	9	33
14066	1327321	<1	1.81	22	163	<2	11	0.59	<4	4	13	7	1.16	0.04	<1	0.50	218	2	29	676	21	0.84	<5	13	<10	56	735	<2	17	<10	3	45
14067	1327322	<1	3.34	28	241	<2	17	0.70	<4	6	18	10	1.31	0.03	4	0.52	233	2	31	633	13	1.07	<5	16	<10	65	954	<2	23	<10	4	30
14068	1327323	<1	2.42	39	163	<2	15	0.48	<4	7	13	8	1.45	0.11	<1	0.40	171	2	31	680	18	1.34	<5	14	<10	55	790	<2	19	<10	4	18
14069	1327324	<1	3.48	21	163	<2	10	1.16	<4	6	13	6	1.05	0.18	5	0.68	324	2	27	666	23	0.56	<5	14	<10	80	823	<2	20	<10	4	37
14070	1327325	<1	4.50	19	297	2	19	1.67	<4	5	13	4	1.34	0.27	10	0.89	407	<1	25	646	36	0.62	<5	12	<10	93	1330	<2	31	<10	4	54
14071	1327326	<1	2.96	14	230	<2	12	1.13	<4	4	9	3	1.01	0.09	4	0.66	291	<1	20	587	24	0.49	<5	5	<10	67	970	<2	23	<10	3	33
14072	1327327	1	7.13	29	406	<2	16	0.94	<4	6	29	11	1.34	<0.01	23	0.61	222	18	40	398	22	0.72	<5	<5	<10	107	1529	36	35	<10	8	82
14073D	1327327	1	6.80	25	420	<2	7	0.92	<4	6	36	10	1.50	<0.01	18	0.64	241	18	48	419	28	0.80	<5	<5	<10	100	1565	<2	36	<10	8	54
14074	1327328	1	3.83	24	317	<2	10	1.57	<4	13	90	20	2.30	<0.01	7	1.02	504	3	52	895	32	1.12	<5	10	<10	81	1645	<2	56	<10	8	95
14075	1327329	<1	3.81	24	331	<2	16	1.09	<4	7	46	19	1.67	0.05	6	0.75	378	3	46	793	40	1.09	<5	12	<10	73	1351	<2	37	11	6	109
14076	1327330	35	0.55	21	177	<2	14	0.41	10	6	12	23	1.55	<0.01	<1	0.38	243	<1	12	658	324	0.21	24	5	116	108	911	<2	45	45	6	823
14077	1327331	<1	2.23	13	236	2	29	0.88	<4	4	12	24	0.95	<0.01	2	0.59	273	2	29	807	29	0.45	<5	8	<10	57	769	<2	16	<10	3	32
14078	1327332	<1	7.55	34	953	2	23	0.84	<4	8	23	17	1.49	0.25	9	0.28	<100	5	36	893	41	1.55	<5	18	<10	79	1656	<2	37	12	5	43
14079	1327333	<1	1.51	38	260	2	5	0.18	<4	5	10	6	1.04	0.27	<1	0.33	169	2	27	788	36	1.15	<5	16	<10	35	501	<2	16	<10	3	29
14080	1327334	<1	4.12	42	325	<2	9	0.44	<4	8	28	19	1.39	0.09	5	0.56	219	4	37	768	50	1.36	<5	7	<10	58	722	<2	29	11	5	36
14081	1327335	1	3.78	85	315	<2	21	<0.01	4	7	41	18	1.55	<0.01	2	0.23	<100	3	39	299	125	1.98	<5	11	<10	44	671	<2	34	26	4	829
14082	1327336	2	3.56	102	332	<2	16	<0.01	6	4	26	72	1.49	<0.01	2	0.23	<100	5	46	706	422	1.85	7	16	<10	44	593	<2	23	38	4	1442

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015


Final Certificate

 Treasury Metals Inc
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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/07/2013
 Job #: 201340178
 Reference: TL13-302
 Sample #: 61

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14083	1327337	<1	4.12	48	388	2	17	<0.01	<4	5	23	20	1.14	0.25	3	0.24	<100	4	39	767	51	1.26	<5	11	<10	45	817	<2	26	17	4	178
14084D	1327337	<1	4.18	50	477	2	17	<0.01	<4	5	23	19	1.16	<0.01	<1	0.24	<100	3	37	831	58	1.24	<5	15	<10	43	971	<2	31	11	4	166
14085	1327338	3	1.68	55	214	<2	8	0.03	<4	4	12	33	1.06	<0.01	<1	0.26	102	2	27	750	139	1.80	<5	5	<10	35	668	<2	17	12	3	399
14086	1327339	<1	0.78	23	141	<2	3	0.21	<4	3	6	9	0.73	0.06	<1	0.31	182	<1	18	764	53	0.97	<5	8	<10	38	566	<2	13	<10	2	61
14087	1327340	<1	4.84	13	395	2	26	2.41	<4	17	60	24	3.58	0.30	10	1.35	747	2	33	1270	18	0.09	<5	8	<10	274	2922	<2	124	31	16	58
14088	1327341	4	2.25	60	248	<2	25	0.16	7	5	21	61	1.29	0.08	<1	0.31	159	5	39	491	244	1.53	<5	13	<10	41	838	<2	20	43	4	1758
14089	1327342	2	2.84	55	202	<2	11	0.65	<4	6	24	18	1.31	0.19	4	0.48	316	2	33	789	111	1.57	<5	17	<10	62	959	<2	24	11	5	298
14090	1327343	<1	5.72	91	333	<2	7	1.87	<4	8	36	24	1.92	0.50	15	1.15	742	6	63	896	84	1.43	<5	13	<10	112	1520	<2	32	12	6	94
14091	1327344	2	5.16	61	333	2	12	0.56	31	8	43	115	2.26	0.60	8	0.50	285	9	77	1043	218	2.87	<5	16	<10	80	1380	<2	32	197	6	8893
14092	1327345	1	4.93	66	246	2	10	1.01	4	15	79	61	2.53	0.45	11	1.23	557	6	63	988	121	1.81	<5	16	<10	88	1512	<2	43	26	10	647
14093	1327346	1	5.67	74	255	2	19	0.96	<4	15	81	61	2.45	0.69	14	1.17	501	7	63	1072	115	1.78	5	22	<10	89	1524	<2	45	17	12	354
14094	1327347	<1	3.44	42	182	<2	28	0.86	<4	7	41	43	1.49	<0.01	7	0.92	464	3	40	709	55	1.18	<5	12	<10	73	1047	<2	29	<10	6	145
14095D	1327347	1	3.97	46	231	2	7	0.99	<4	8	51	48	1.61	<0.01	8	1.01	502	4	50	921	62	1.07	<5	12	<10	79	1184	<2	33	<10	7	161
14096	1327348	<1	2.65	29	207	<2	22	1.03	<4	4	13	12	1.05	<0.01	4	0.69	357	2	27	425	28	0.70	<5	10	<10	58	813	<2	18	<10	4	70
14097	1327349	<1	3.37	25	227	<2	14	1.33	<4	5	13	10	1.15	<0.01	6	0.83	439	1	24	713	18	0.76	<5	10	<10	66	958	<2	21	<10	4	27
14098	1327350	<1	1.43	487	>5000	2	15	1.02	<4	6	20	33	3.10	0.15	6	0.19	<100	15	13	487	27	0.42	11	12	<10	106	657	<2	16	77	8	22
14099	1327351	<1	7.29	39	296	3	20	2.42	<4	8	46	29	2.18	0.28	18	1.60	788	4	49	1284	31	1.35	<5	10	<10	119	1571	<2	39	<10	10	62
14100	1327352	<1	1.30	5	124	<2	16	0.62	<4	8	55	17	1.48	<0.01	2	0.81	327	2	43	658	14	0.51	<5	13	<10	47	922	<2	34	<10	6	53
14101	1327353	<1	2.60	4	219	<2	7	0.90	<4	5	20	17	1.03	<0.01	5	0.77	361	2	25	764	12	0.28	<5	14	<10	57	916	<2	26	<10	4	35
14102	1327354	<1	4.24	2	390	2	23	1.60	<4	4	29	5	1.39	<0.01	8	1.05	466	5	47	523	16	0.41	<5	14	<10	86	1125	<2	35	<10	5	41

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015


Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 01/23/2013
Date Completed: 02/07/2013
Job #: 201340178
Reference: TL13-302
Sample #: 61

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14103	1327355	<1	4.58	10	435	3	25	1.79	<4	6	24	3	1.42	<0.01	10	1.28	509	4	38	624	17	0.51	<5	17	<10	97	1180	<2	33	<10	5	48
14104	1327356	9	6.78	39	363	3	14	3.63	15	11	54	126	3.73	0.34	14	2.46	1203	9	75	1045	2365	3.03	<5	13	<10	146	1455	<2	60	91	8	3824
14105	1327357	<1	0.54	15	98	<2	9	0.31	<4	2	8	18	0.60	<0.01	<1	0.34	161	1	21	536	60	0.68	<5	5	<10	35	475	<2	14	12	2	388
14106D	1327357	<1	1.33	18	136	<2	16	0.48	<4	3	12	23	0.78	<0.01	<1	0.42	206	3	24	658	71	0.78	<5	8	<10	42	653	<2	18	16	3	513
14107	1327358	1	3.88	28	258	<2	20	1.68	4	5	30	28	1.72	<0.01	8	0.94	513	4	45	694	333	1.45	<5	10	<10	83	1110	<2	34	19	5	663
14108	1327359	<1	2.85	59	205	<2	13	0.67	<4	14	79	22	2.31	<0.01	6	0.69	301	4	63	674	32	2.28	<5	8	<10	62	1366	<2	55	<10	9	246
14109	1327360	<1	5.50	6	347	2	16	2.35	<4	15	58	24	3.41	0.20	14	1.34	702	1	29	1227	17	0.10	6	13	<10	251	2580	<2	117	32	16	58
14110	1327361	<1	7.10	8	541	3	19	4.08	<4	8	40	24	2.31	0.24	16	1.96	930	7	54	1051	34	0.74	<5	18	<10	169	1908	<2	54	18	6	129
14111	1327362	<1	7.55	31	390	3	16	2.20	<4	10	34	8	2.08	0.31	25	1.17	473	6	50	1117	24	1.04	5	18	<10	147	1819	<2	47	12	7	73
14112	1327363	<1	7.78	13	491	3	15	3.00	<4	8	35	12	2.02	0.48	22	1.44	594	4	44	972	26	0.65	6	22	<10	172	1678	<2	46	12	7	116
14113	1327364	3	6.07	31	442	2	17	1.84	17	9	33	140	2.15	0.43	18	1.00	474	8	47	821	189	1.72	<5	19	<10	122	1560	<2	43	108	6	4819
14114	1327365	<1	6.51	14	537	2	10	2.21	<4	8	38	18	1.93	0.44	19	1.08	487	7	54	961	35	0.50	<5	13	<10	116	1694	<2	49	10	6	147
14115	1327366	<1	6.32	19	519	3	5	2.28	<4	8	44	18	2.04	0.43	18	1.10	498	9	63	1084	35	0.59	<5	10	<10	117	1648	<2	52	17	6	93
14116	1327367	<1	4.46	42	408	<2	5	1.89	<4	8	39	36	2.03	0.35	16	1.04	476	7	61	1014	52	0.72	<5	20	<10	87	1679	<2	50	10	5	213
14117D	1327367	<1	6.29	39	444	<2	17	2.23	<4	8	31	36	2.02	0.59	21	1.10	476	6	48	1175	58	0.74	<5	16	<10	109	1723	<2	47	16	7	213
14118	1327368	1	>10.00	55	689	3	16	2.29	<4	9	33	35	2.07	0.21	41	1.09	407	6	44	1293	206	1.34	<5	13	<10	161	2269	<2	56	24	10	460
14119	1327369	3	9.17	72	510	3	26	2.25	<4	8	28	200	2.36	0.22	34	1.23	502	5	39	992	248	1.97	<5	20	<10	136	1869	<2	47	27	9	427
14120	1327370	<1	9.14	14	493	2	19	2.94	<4	19	65	36	4.17	0.28	24	1.61	835	3	35	1253	21	0.10	7	17	<10	334	3325	<2	141	46	20	67
14121	1327371	2	9.10	38	547	3	14	2.18	<4	9	32	41	2.01	0.28	31	1.10	437	6	43	1045	645	1.09	<5	29	<10	138	2002	<2	52	27	9	669
14122	1327372	2	8.74	50	527	3	14	2.08	4	8	26	39	2.19	0.24	29	1.11	496	6	35	1192	271	1.71	<5	18	<10	150	1870	<2	48	29	8	860

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015

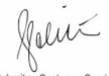
Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 01/23/2013
Date Completed: 02/07/2013
Job #: 201340178
Reference: TL13-302
Sample #: 61

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14123	1327373	<1	9.45	29	546	3	15	2.29	<4	8	43	26	2.06	0.31	29	1.22	584	10	63	961	144	0.97	<5	23	<10	170	1917	<2	58	19	9	282
14124	1327374	5	9.14	8	587	2	25	3.41	34	7	43	1406	3.01	0.29	33	1.94	807	15	60	886	296	2.23	<5	23	<10	197	1545	<2	62	200	10	9037
14125	1327375	<1	8.57	9	514	3	15	3.32	10	7	32	344	2.37	0.17	21	1.69	765	8	43	995	103	1.28	<5	20	<10	212	1576	<2	50	67	9	2527
14126	1327376	<1	9.12	19	546	3	16	1.93	<4	9	32	48	2.33	0.04	31	1.34	530	6	44	952	77	1.26	<5	22	<10	173	2196	<2	56	26	8	483
14127	1327377	1	9.61	17	732	2	7	1.90	6	8	41	191	2.09	0.05	35	1.16	539	9	55	904	463	1.11	<5	19	<10	161	2275	<2	61	45	9	1546
14128R	1327377	1	9.95	21	765	2	15	1.95	6	9	39	194	2.10	0.16	37	1.18	552	7	52	1013	475	1.13	<5	23	<10	165	2391	<2	61	47	9	1560
14129	1327378	<1	>10.00	21	606	2	20	3.03	<4	9	43	10	2.16	0.15	41	1.56	656	9	56	1235	36	0.53	<5	14	<10	179	2269	<2	61	16	10	103

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
Susan Schmitz, Customer Services Manager

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Wednesday, February 20, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/11/2013
 Job #: 201340176
 Reference: TL13-303
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
13923	1327379	0.088	1	6.19	18	505	2	21	1.90	<4	18	118	34	3.08	1.98	16	0.99	703	6	85	653	52	1.64	5	11	<10	128	1940	<2	68	11	11	72
13924	1327380	<0.005	<1	1.16	3	215	<2	15	0.96	<4	6	19	9	1.24	<0.01	<1	0.46	263	1	12	482	7	0.03	<5	15	<10	116	1063	<2	44	15	5	22
13925	1327381	0.043	<1	2.49	18	324	2	12	0.99	<4	8	65	20	1.68	<0.01	4	0.53	380	2	45	509	22	1.01	<5	11	<10	70	1162	<2	44	<10	6	46
13926	1327382	0.016	1	8.55	21	856	2	15	2.69	<4	9	58	16	1.89	<0.01	22	0.87	475	7	50	921	57	0.77	<5	12	<10	178	1848	<2	45	10	7	103
13927	1327383	0.010	<1	8.06	20	1018	2	11	2.53	<4	7	43	6	1.95	0.05	20	0.85	467	10	65	1000	33	0.75	<5	17	<10	176	1667	<2	41	14	6	76
13928	1327384	0.018	2	8.42	36	1073	<2	16	2.28	<4	8	44	16	1.84	0.17	21	0.79	1281	11	68	987	91	0.95	<5	22	<10	174	1969	<2	40	15	6	227
13929	1327385	0.067	1	7.63	53	964	3	23	1.34	<4	7	57	18	1.86	0.17	15	0.48	663	15	97	989	119	1.41	<5	19	<10	114	1684	<2	39	19	5	272
13930	1327386	0.050	<1	6.31	49	820	3	17	1.16	<4	7	56	20	1.73	0.22	12	0.49	672	14	99	817	101	1.23	6	16	<10	105	1566	<2	35	13	5	264
13931	1327387	0.101	1	4.90	69	569	2	12	1.52	<4	18	115	58	2.40	0.23	9	0.74	409	17	108	964	66	1.86	<5	13	<10	103	1373	<2	64	15	11	117
13932	1327388	0.170	1	4.21	81	534	2	11	0.47	<4	9	99	14	2.17	0.31	4	0.20	<100	24	147	630	187	2.03	<5	14	<10	62	1292	<2	39	26	5	664
13933D	1327388	0.187	1	1.77	67	321	<2	17	0.14	<4	7	77	12	1.81	0.16	<1	0.14	<100	19	122	626	168	1.72	<5	11	<10	40	820	<2	27	22	4	563
13934	1327389	0.024	<1	7.11	36	526	3	18	2.83	<4	7	45	6	1.88	0.06	17	1.18	494	8	58	789	34	0.92	5	26	<10	138	1505	<2	36	15	6	51
13935	1327390	4.977	83	4.21	48	571	<2	15	1.89	24	15	40	59	3.22	0.13	11	0.83	549	6	27	884	766	0.47	28	16	255	207	1837	<2	93	102	12	2077
13936	1327391	0.108	<1	4.98	56	332	2	24	1.54	<4	12	59	33	2.36	0.12	10	0.89	408	6	67	714	30	1.70	<5	15	<10	83	1341	<2	43	14	6	122
13937	1327392	0.050	<1	5.22	22	277	2	22	1.51	<4	21	137	52	3.94	0.17	14	1.71	810	7	108	836	37	1.46	5	16	<10	77	1877	<2	74	12	10	224
13938	1327393	0.056	<1	5.35	20	297	2	17	1.33	<4	21	146	47	4.02	0.17	14	1.72	675	8	114	1030	33	1.31	5	8	<10	72	1827	<2	72	13	9	104
13939	1327394	0.056	1	6.39	30	398	<2	10	1.49	<4	23	162	49	3.96	0.02	15	1.55	644	11	123	1177	63	1.87	<5	11	<10	86	1540	<2	73	15	10	128
13940	1327395	0.186	2	4.77	75	344	2	17	0.57	8	23	139	84	3.28	0.11	5	0.58	237	10	124	936	85	2.88	<5	16	<10	52	1046	<2	73	40	9	1396
13941	1327396	0.105	1	5.24	57	403	2	13	0.82	<4	21	135	28	3.17	0.21	9	0.78	353	10	117	851	62	2.34	7	13	<10	60	1056	<2	71	14	8	79
13942	1327397	0.094	1	5.58	44	441	3	14	1.57	<4	20	127	36	3.54	0.22	10	1.12	519	8	101	1034	66	2.61	5	14	<10	71	1234	<2	67	14	10	71

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, February 20, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 M5X 1B1
 Ph#: (416) 599-4133
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 01/23/2013
 Date Completed: 02/11/2013
 Job #: 201340176
 Reference: TL13-303
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
13943	1327398	0.211	1	6.32	11	424	4	18	1.81	<4	20	118	56	4.12	0.28	12	1.58	823	6	97	937	56	2.00	<5	17	<10	78	1403	<2	72	13	10	93
13944D	1327398	0.271	1	7.12	12	461	4	21	1.93	<4	25	141	66	4.91	0.24	13	1.89	974	7	113	889	63	2.34	<5	16	<10	80	1678	<2	88	11	11	108
13945	1327399	1.104	4	4.72	60	460	<2	9	0.50	<4	6	51	76	1.62	0.31	7	0.30	115	6	49	530	451	1.34	18	20	<10	49	908	<2	29	26	6	721
13946	1327400	<0.005	<1	2.92	6	334	2	16	2.04	<4	12	48	21	2.85	0.16	8	1.06	568	3	27	1030	17	0.07	<5	7	<10	165	2072	<2	97	31	12	52
13947	1327401	0.042	1	6.12	17	479	2	22	2.05	<4	14	87	32	2.74	0.16	24	1.62	647	6	61	1009	57	0.97	<5	15	<10	89	1703	<2	48	11	11	58
13948	1327402	0.109	1	5.88	75	376	3	25	2.44	8	25	148	56	4.45	0.26	12	1.68	739	5	90	1212	140	3.37	<5	13	<10	137	2240	<2	70	46	14	1606
13949	1327403	0.074	1	5.51	37	405	2	22	1.89	<4	17	114	35	3.26	0.41	16	1.46	599	5	65	837	71	1.56	<5	18	<10	126	2147	<2	60	11	11	120
13950	1327404	0.067	<1	8.01	45	582	3	13	3.20	<4	9	28	32	2.50	0.13	20	1.60	1173	3	36	898	44	1.28	<5	17	<10	150	1801	<2	38	20	6	92
13951	1327405	1.403	<1	5.27	38	415	<2	18	2.20	<4	11	54	39	2.54	0.27	11	1.36	891	3	43	850	47	1.34	<5	18	<10	100	1535	<2	42	11	7	89
13952	1327406	0.166	1	7.18	50	530	3	20	2.62	<4	13	79	46	3.02	0.08	17	1.51	958	6	57	1017	61	1.63	5	21	<10	120	1883	<2	52	17	9	99
13953	1327407	0.663	2	3.71	166	353	3	4	0.48	<4	17	97	55	3.37	0.10	6	0.29	121	6	76	626	198	3.67	<5	9	<10	44	1291	<2	51	17	8	287
13954	1327408	1.006	1	5.49	129	488	2	11	1.17	<4	18	116	34	2.80	0.12	10	0.51	272	6	73	851	85	2.77	5	14	<10	74	1479	<2	60	12	11	137
13955D	1327408	1.011	<1	4.33	141	386	2	11	1.03	<4	19	107	36	3.01	0.18	7	0.52	280	6	82	777	87	3.00	5	15	<10	67	1270	<2	54	17	11	145
13956	1327409	0.071	1	6.00	80	458	2	10	1.97	<4	18	133	40	3.24	0.21	14	1.34	596	5	77	1026	67	2.02	<5	10	<10	108	1654	<2	68	11	11	136
13957	1327410	0.295	<1	<0.01	479	>5000	2	11	1.12	<4	7	18	34	3.14	<0.01	<1	0.05	<100	14	11	616	32	0.30	11	12	<10	75	329	<2	16	72	5	24
13958	1327411	0.296	1	7.24	144	506	3	17	1.92	<4	22	126	45	3.90	0.22	17	1.37	634	7	89	811	102	3.01	<5	9	<10	113	1735	<2	78	13	11	91
13959	1327412	0.320	1	6.40	91	427	2	19	1.49	<4	22	135	48	3.80	0.25	18	1.68	537	7	86	939	78	2.04	<5	7	<10	92	1658	<2	76	10	9	95
13960	1327413	0.208	1	5.37	87	372	2	14	1.15	<4	21	118	28	3.97	0.17	17	1.60	438	5	77	816	60	2.31	5	<5	<10	77	1480	<2	65	14	8	84
13961	1327414	1.221	<1	5.09	79	341	<2	24	1.40	<4	17	101	63	2.96	0.37	13	1.11	336	5	73	700	83	2.08	<5	15	<10	80	1256	<2	60	14	7	246
13962	1327415	0.185	2	6.76	87	455	2	21	2.28	<4	20	113	38	3.72	0.23	17	1.36	672	7	77	904	176	2.54	<5	16	<10	114	1716	<2	67	28	10	550

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Wednesday, February 20, 2013


Final Certificate

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 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/11/2013
 Job #: 201340176
 Reference: TL13-303
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
13963	1327416	0.396	3	7.15	93	649	3	13	1.66	4	10	32	75	2.34	0.11	17	0.68	403	7	36	973	199	2.05	<5	17	<10	94	1577	<2	36	29	6	749
13964	1327417	0.172	2	3.56	38	433	<2	25	1.04	<4	6	23	40	1.34	0.06	6	0.65	403	3	27	518	162	0.93	<5	13	<10	57	1142	<2	26	15	4	314
13965	1327418	0.263	3	5.79	39	576	2	13	2.04	<4	5	25	96	1.85	0.03	15	0.98	576	4	29	837	380	1.19	5	17	<10	86	1326	<2	30	16	5	353
13966D	1327418	0.265	3	8.52	49	873	2	23	2.74	<4	8	34	121	2.43	0.07	23	1.33	768	6	36	989	482	1.57	6	10	<10	114	1926	<2	41	20	6	436
13967	1327419	0.030	2	8.06	35	782	2	16	3.13	4	7	28	30	1.96	0.34	20	1.34	752	4	27	968	232	0.96	<5	21	<10	118	1657	<2	36	23	5	682
13968	1327420	0.006	<1	4.99	12	512	2	28	3.01	<4	19	70	28	4.05	0.29	13	1.50	814	3	39	962	21	0.10	<5	17	<10	263	2886	<2	137	35	17	65
13969	1327421	0.010	<1	9.20	26	830	2	11	3.51	<4	9	26	7	2.14	0.46	21	1.45	730	3	30	1051	51	0.92	<5	18	<10	167	1765	<2	42	16	6	91
13970	1327422	0.018	<1	7.87	10	667	3	8	3.87	<4	9	23	15	2.14	0.22	17	1.36	813	2	26	976	45	0.56	<5	14	<10	142	1688	<2	38	<10	5	81
13971	1327423	0.027	1	7.64	5	780	3	15	4.10	17	21	25	131	4.61	0.28	14	1.31	923	3	33	929	113	2.93	<5	18	<10	169	1617	<2	35	95	5	3764
13972	1327424	0.008	<1	6.82	8	676	4	25	3.44	<4	8	25	51	1.83	0.28	13	1.07	644	3	29	1143	105	0.68	<5	15	<10	158	1457	<2	31	34	5	399
13973	1327425	0.007	<1	7.36	9	719	2	19	3.34	<4	7	22	9	1.79	0.24	15	1.09	592	3	23	910	67	0.36	<5	17	<10	139	1626	<2	33	<10	5	69
13974	1327426	0.013	<1	7.28	3	759	3	24	3.31	<4	8	20	10	1.70	0.18	14	1.01	568	3	24	850	82	0.32	6	18	<10	139	1546	<2	34	14	5	64
13975	1327427	0.010	<1	6.92	8	654	2	13	3.01	<4	8	19	3	1.65	0.16	16	1.13	489	3	20	664	25	0.35	<5	17	<10	133	1499	<2	32	10	5	50
13976	1327428	0.026	<1	7.12	12	612	3	25	3.14	<4	8	23	31	1.97	0.14	18	1.32	659	4	28	864	60	0.80	<5	16	<10	139	1526	<2	34	25	5	491
13977D	1327428	0.030	<1	7.17	12	688	3	22	3.18	<4	8	22	32	2.02	0.19	17	1.37	685	2	25	771	63	0.83	<5	13	<10	146	1587	<2	35	24	5	498
13978	1327429	0.060	4	9.79	17	807	3	23	4.27	8	9	27	66	2.84	0.22	26	1.79	915	4	29	1011	363	1.33	5	19	<10	175	1865	<2	44	57	6	2061
13979	1327430	2.192	1	7.38	13	693	2	16	3.52	<4	20	75	39	4.57	0.25	19	1.61	893	5	41	1294	26	0.10	5	12	<10	320	3281	<2	151	41	18	76
13980	1327431	0.028	1	7.70	13	696	2	24	3.68	<4	8	40	58	2.25	0.23	18	1.55	951	7	48	925	56	1.14	<5	18	<10	138	1436	2	36	20	6	366
13981	1327432	0.144	4	4.79	10	387	2	4	2.10	23	6	34	406	2.48	0.33	10	1.03	704	7	47	1175	311	1.98	<5	15	<10	84	1167	<2	29	148	5	7967
13982	1327433	0.078	2	7.75	13	697	3	19	3.41	14	7	38	322	3.22	0.28	17	1.44	825	7	41	991	254	2.37	<5	27	<10	139	1322	<2	34	105	6	4060

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/23/2013
 Date Completed: 02/11/2013
 Job #: 201340176
 Reference: TL13-303
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
13983	1327434	0.050	2	6.33	6	601	2	10	4.25	7	6	38	147	2.63	0.25	13	1.81	1123	7	53	820	222	1.23	7	14	<10	163	1289	<2	33	97	6	1775
13984	1327435	0.013	2	9.15	7	799	2	23	3.24	5	8	50	75	2.64	0.22	24	1.05	578	8	61	866	458	1.18	6	9	<10	168	1825	<2	39	45	6	1490
13985	1327436	0.014	1	9.04	10	776	2	12	3.33	<4	8	44	47	2.07	0.16	24	0.97	524	8	56	1087	89	0.51	<5	17	<10	182	2004	<2	41	16	6	222
13986	1327437	0.008	2	>10.00	13	1011	3	16	4.20	<4	10	60	18	2.29	0.21	33	0.99	617	10	64	1253	64	0.62	<5	16	<10	229	2244	<2	49	15	8	84
13987	1327438	0.014	1	9.33	7	748	2	18	3.14	<4	8	43	34	1.96	0.24	26	0.93	676	8	50	1155	56	0.66	<5	20	<10	170	1824	<2	41	21	6	205
13988R	1327438	0.047	2	>10.00	10	893	3	24	3.73	<4	11	83	47	2.91	0.13	32	1.23	931	18	122	1262	77	0.95	<5	22	<10	201	2415	<2	55	17	8	293
13989	1327439	0.085	7	9.28	14	953	2	18	3.88	6	7	51	120	2.74	0.21	25	1.25	1016	15	42	757	1476	1.64	5	13	<10	180	1433	<2	35	43	8	1492
13990	1327440	<0.005	1	7.47	14	671	<2	15	3.19	<4	14	60	23	3.13	0.21	18	1.15	650	5	29	996	23	0.08	<5	14	<10	299	2734	<2	111	34	15	56
13991	1327441	0.016	1	9.94	9	867	2	19	3.67	<4	7	45	14	1.77	0.20	30	1.16	662	8	47	790	57	0.39	<5	17	<10	156	1870	<2	39	14	6	82

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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/19/2013
 Date Completed: 02/22/2013
 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30075	1327061	93	0.003	0.093
30076	1327062	812	0.024	0.812
30077	1327063	290	0.008	0.290
30078	1327064	434	0.013	0.434
30079	1327065	767	0.022	0.767
30080	1327066	314	0.009	0.314
30081	1327067	277	0.008	0.277
30082	1327068	983	0.029	0.983
30083	1327069	2646	0.077	2.646
30084	1327070	4644	0.135	4.644
30085 Dup	1327070	Insufficient Sample		
30086	1327071	519	0.015	0.519
30087	1327072	262	0.008	0.262
30088	1327073	2067	0.060	2.067
30089	1327074	5487	0.160	5.487
30090	1327075	612	0.018	0.612
30091	1327076	142	0.004	0.142
30092	1327077	52	0.002	0.052
30093	1327078	22	<0.001	0.022
30094	1327079	1614	0.047	1.614
30095	1327401	43	0.001	0.043
30096 Dup	1327401	49	0.001	0.049
30097	1327402	84	0.002	0.084
30098	1327403	33	<0.001	0.033
30099	1327404	62	0.002	0.062
30100	1327405	78	0.002	0.078
30101	1327406	79	0.002	0.079
30102	1327407	623	0.018	0.623
30103	1327408	686	0.020	0.686
30104	1327409	95	0.003	0.095

PROCEDURE CODES: ALM1, ALFA1

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 Date Completed: 02/22/2013
 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30105	1327410	219	0.006	0.219
30106	1327411	248	0.007	0.248
30107 Dup	1327411	259	0.008	0.259
30108	1327412	178	0.005	0.178
30109	1327413	188	0.005	0.188
30110	1327414	511	0.015	0.511
30111	1327415	201	0.006	0.201
30112	1327416	373	0.011	0.373
30113	1327417	100	0.003	0.100
30114	1327418	183	0.005	0.183
30115	1327419	54	0.002	0.054
30116	1368241	67	0.002	0.067
30117	1368242	133	0.004	0.133
30118 Dup	1368242	171	0.005	0.171
30119	1368243	144	0.004	0.144
30120	1368244	116	0.003	0.116
30121	1368245	269	0.008	0.269
30122	1368246	206	0.006	0.206
30123	1368247	1318	0.038	1.318
30124	1368248	65	0.002	0.065
30125	1368249	745	0.022	0.745
30126	1368250	233	0.007	0.233
30127	1368251	1874	0.055	1.874
30128	1368252	2157	0.063	2.157
30129 Dup	1368252	2064	0.060	2.064
30130	1368253	515	0.015	0.515
30131	1368254	348	0.010	0.348
30132	1368255	35	0.001	0.035
30133	1368256	1072	0.031	1.072
30134	1368257	55	0.002	0.055

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 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30135	1368258	974	0.028	0.974
30136	1368259	346	0.010	0.346
30137	1368341	127	0.004	0.127
30138	1368342	167	0.005	0.167
30139	1368343	59	0.002	0.059
30140 Rep	1368343	101	0.003	0.101
30141	1368344	106	0.003	0.106
30142	1368345	34	<0.001	0.034
30143	1368346	178	0.005	0.178
30144	1368347	549	0.016	0.549
30145	1368348	1339	0.039	1.339
30146	1368349	126	0.004	0.126
30147	1368350	<5	<0.001	<0.005
30148	1368351	129	0.004	0.129
30149	1368352	141	0.004	0.141
30150	1368353	516	0.015	0.516
30151 Dup	1368353	510	0.015	0.510
30152	1368354	21	<0.001	0.021
30153	1368355	187	0.005	0.187
30154	1368356	324	0.009	0.324
30155	1368357	2409	0.070	2.409
30156	1368358	387	0.011	0.387
30157	1368359	304	0.009	0.304
30158	1368401	46	0.001	0.046
30159	1368402	95	0.003	0.095
30160	1368403	108	0.003	0.108
30161	1368404	440	0.013	0.440
30162 Dup	1368404	469	0.014	0.469
30163	1368405	387	0.011	0.387
30164	1368406	535	0.016	0.535

PROCEDURE CODES: ALM1, ALFA1

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 Date Received: 02/19/2013
 Date Completed: 02/22/2013
 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-
 307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30165	1368407	210	0.006	0.210
30166	1368408	435	0.013	0.435
30167	1368409	497	0.015	0.497
30168	1368410	4926	0.144	4.926
30169	1368411	779	0.023	0.779
30170	1368412	101	0.003	0.101
30171	1368413	202	0.006	0.202
30172	1368414	571	0.017	0.571
30173 Dup	1368414	572	0.017	0.572
30174	1368415	3472	0.101	3.472
30175	1368416	395	0.012	0.395
30176	1368417	91	0.003	0.091
30177	1368418	613	0.018	0.613
30178	1368419	391	0.011	0.391

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 Date Received: 01/24/2013
 Date Completed: 02/12/2013
 Job #: 201340180
 Reference: TL 13-304
 Sample #: 71

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14194	1327442	0.129	2	6.94	45	340	2	28	1.80	<4	21	142	38	3.44	0.67	28	1.33	660	8	100	455	41	1.81	7	<5	<10	61	1536	11	67	<10	7	79
14195	1327443	0.440	2	7.22	113	386	2	20	1.27	<4	18	140	42	2.81	0.67	22	0.63	246	11	101	473	52	2.45	6	15	<10	60	1009	9	66	<10	6	131
14196	1327444	0.410	2	6.97	94	356	2	20	1.92	<4	18	136	37	2.68	0.63	19	0.61	350	11	100	467	95	2.61	6	11	<10	62	872	8	64	10	5	369
14197	1327445	0.249	2	8.62	44	420	2	31	2.12	<4	17	173	31	3.32	0.61	27	1.48	457	15	143	463	86	1.92	5	14	<10	86	1286	9	73	10	7	281
14198	1327446	0.223	2	7.60	47	391	<2	29	1.64	<4	17	138	29	3.09	0.61	25	1.33	391	12	111	405	71	1.97	6	7	<10	70	1210	14	64	13	6	436
14199	1327447	0.622	1	6.51	27	371	2	37	0.74	<4	15	128	25	2.36	0.69	22	0.95	323	10	105	419	64	1.12	<5	8	<10	45	1177	14	59	10	5	229
14200	1327448	0.213	2	7.16	66	413	2	29	1.07	<4	17	161	31	3.16	0.70	26	1.34	511	12	133	488	51	1.62	6	9	<10	56	1568	10	63	<10	7	94
14201	1327449	0.170	2	6.24	89	347	2	28	1.82	<4	17	117	21	2.94	0.73	23	1.08	491	7	79	402	46	2.31	<5	12	<10	81	1271	9	52	<10	7	101
14202	1327450	5.420	61	5.21	41	492	<2	34	1.77	19	14	34	45	2.66	0.66	19	0.70	433	5	22	464	538	0.46	34	14	220	174	1473	8	76	49	9	1702
14203	1327451	0.257	4	6.98	69	487	<2	31	1.95	<4	13	108	38	2.48	0.89	28	0.88	435	13	100	416	162	1.58	9	9	<10	68	1552	11	67	11	7	358
14204D	1327451	0.291	3	7.27	71	346	<2	26	1.60	<4	12	100	41	2.43	0.83	30	0.95	430	12	94	400	157	1.58	<5	<5	<10	64	1537	11	66	12	9	391
14205	1327452	0.219	2	6.74	90	480	<2	35	1.04	<4	12	96	21	2.16	0.68	22	0.35	157	13	99	388	140	1.93	5	<5	<10	49	1238	7	43	11	4	260
14206	1327453	0.283	1	6.51	73	417	<2	31	1.57	<4	6	59	25	1.76	0.72	22	0.72	417	11	89	399	56	1.20	5	<5	<10	66	1067	9	28	<10	3	125
14207	1327454	0.541	3	6.41	103	407	<2	24	1.34	<4	12	133	32	3.00	0.74	23	0.60	316	14	120	366	220	2.82	7	14	<10	58	1118	14	44	16	6	629
14208	1327455	1.085	8	5.08	82	374	<2	36	0.65	8	9	86	168	2.05	0.70	17	0.19	101	15	101	335	960	2.02	5	10	<10	31	962	6	32	23	4	1756
14209	1327456	0.174	2	8.14	52	427	2	44	2.68	<4	11	79	32	2.21	0.64	28	1.29	721	9	83	454	54	1.02	5	12	<10	99	1345	5	41	<10	5	107
14210	1327457	0.225	2	6.79	45	403	2	24	1.26	<4	18	133	37	3.16	0.61	28	1.21	479	8	92	422	70	1.49	7	12	<10	54	1760	6	62	<10	8	220
14211	1327458	0.428	1	7.53	44	426	2	38	1.61	<4	18	134	22	3.03	0.65	28	1.08	425	10	90	408	50	1.63	5	9	<10	67	1689	14	65	10	8	87
14212	1327459	0.072	1	7.74	39	459	<2	33	2.27	<4	10	74	11	2.06	0.66	27	0.98	436	7	69	394	39	1.23	<5	5	<10	88	1263	5	37	<10	5	73
14213	1327460	<0.005	<1	6.25	11	466	<2	26	2.51	<4	12	49	15	2.68	0.71	21	1.01	532	4	27	477	15	0.18	6	28	<10	216	2026	9	92	21	11	51

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, February 20, 2013


Final Certificate

 Treasury Metals Inc
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 Toronto, On, CAN
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/24/2013
 Date Completed: 02/12/2013
 Job #: 201340180
 Reference: TL 13-304
 Sample #: 71

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14214	1327461	0.104	2	6.73	61	370	2	43	1.65	<4	17	131	32	3.16	0.74	26	1.27	518	8	92	427	42	1.53	10	5	<10	67	1683	10	56	<10	9	80
14215D	1327461	0.137	2	6.94	69	386	2	28	1.69	<4	17	135	31	3.17	0.77	27	1.27	518	9	100	439	40	1.53	8	13	<10	70	1731	4	57	<10	9	77
14216	1327462	0.157	2	6.44	63	385	2	20	1.89	<4	10	81	49	2.28	0.69	21	0.82	582	11	94	419	109	1.41	6	7	<10	68	1323	15	35	10	5	359
14217	1327463	0.872	4	6.59	58	480	2	40	1.39	<4	6	36	68	1.68	0.70	24	0.55	343	11	46	377	588	1.42	<5	12	<10	55	1222	5	26	14	3	155
14218	1327464	0.126	1	6.75	45	455	2	17	1.78	<4	5	50	93	1.38	0.70	24	0.71	368	9	65	409	64	0.92	7	11	<10	75	1243	12	27	<10	3	209
14219	1327465	0.025	<1	6.90	30	485	<2	25	2.60	<4	7	48	16	1.54	0.64	23	1.12	570	8	72	403	37	0.63	<5	16	<10	91	1153	7	28	<10	4	40
14220	1327466	0.023	1	8.61	44	622	2	38	3.27	<4	7	43	13	1.77	1.50	29	1.34	680	7	57	458	44	0.82	<5	21	<10	114	1356	4	32	<10	4	48
14221	1327467	0.013	<1	7.19	24	427	2	14	2.45	<4	9	34	9	1.84	1.71	26	1.34	591	4	44	460	35	0.79	<5	27	<10	110	1441	12	33	<10	4	225
14222	1327468	0.011	1	8.57	24	535	2	10	3.21	<4	9	62	5	2.10	2.09	29	1.42	640	8	69	549	32	0.75	<5	25	<10	121	1509	11	38	<10	5	59
14223	1327469	0.053	2	8.46	29	450	2	29	2.60	<4	18	147	31	3.31	1.61	31	1.38	579	11	109	542	38	1.20	<5	14	<10	120	1895	11	65	<10	10	83
14224	1327470	0.267	1	3.14	432	>5000	<2	27	1.69	<4	8	24	28	2.89	0.91	16	0.06	<100	18	12	<100	28	0.50	38	12	<10	97	936	12	16	47	4	28
14225	1327471	0.150	1	6.82	62	482	2	37	2.00	<4	19	149	40	3.47	1.49	26	1.41	577	9	105	572	91	1.85	<5	19	<10	87	1693	9	69	<10	12	116
14226D	1327471	0.150	1	7.21	63	403	2	31	2.10	<4	18	156	39	3.40	1.59	27	1.40	572	11	114	564	90	1.79	5	7	<10	91	1723	11	70	<10	11	114
14227	1327472	0.633	2	6.15	130	398	<2	15	0.97	5	19	138	54	3.11	1.71	21	0.45	195	11	122	460	227	2.93	5	7	<10	51	1505	4	66	15	8	1059
14228	1327473	0.078	1	7.70	34	398	3	26	2.52	8	19	156	58	3.18	1.68	28	1.29	638	9	103	567	67	1.51	5	11	<10	96	1740	7	69	21	11	1532
14229	1327474	0.026	1	7.84	28	807	2	44	3.55	<4	8	43	70	2.12	1.61	28	1.40	653	7	54	471	61	0.93	<5	10	<10	163	1479	19	32	17	3	195
14230	1327475	0.329	10	6.09	11	531	2	42	3.70	63	3	40	468	4.85	0.91	22	1.73	1172	9	55	337	9257	3.86	<5	8	<10	148	1182	8	28	221	3	27226
14231	1327476	0.203	1	5.95	20	431	<2	19	2.08	4	7	45	60	1.99	0.92	26	1.12	590	10	67	416	229	0.80	9	8	<10	107	1266	11	28	15	3	857
14232	1327477	0.093	1	7.21	15	401	2	34	1.84	<4	17	162	49	3.27	0.93	36	1.13	495	12	131	459	55	0.76	8	<5	<10	112	1820	4	68	<10	8	107
14233	1327478	0.370	2	6.62	76	483	2	22	1.23	17	19	164	159	3.49	0.95	27	0.59	284	17	143	419	168	2.80	8	9	<10	87	1154	12	69	47	5	3574

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, February 20, 2013


Final Certificate

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 Fax#: (416) 599-4959
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Date Received: 01/24/2013
 Date Completed: 02/12/2013
 Job #: 201340180
 Reference: TL 13-304
 Sample #: 71

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14234	1327479	0.024	<1	6.22	18	404	2	39	1.43	<4	17	151	51	3.23	0.81	35	1.23	416	12	125	421	25	0.47	<5	8	<10	84	1782	4	70	<10	6	85
14235	1327480	<0.005	<1	5.58	19	426	<2	45	2.35	<4	14	51	17	2.70	0.78	20	1.01	531	4	28	476	13	0.16	5	10	<10	193	1997	14	91	19	11	49
14236	1327481	0.181	1	6.92	54	537	<2	36	1.42	<4	6	44	8	1.46	0.89	26	0.38	291	10	62	289	67	1.11	5	11	<10	109	1152	8	24	13	2	630
14237D	1327481	0.153	<1	6.59	62	512	<2	62	1.33	<4	4	53	8	1.54	1.06	26	0.38	298	11	82	289	65	1.15	6	21	<10	102	1144	10	24	10	3	676
14238	1327482	0.024	<1	5.15	16	454	<2	5	1.29	<4	6	44	8	1.34	0.95	26	0.45	425	10	72	308	29	0.43	<5	17	<10	83	1113	12	25	<10	2	72
14239	1327483	0.038	<1	6.12	33	422	<2	12	2.12	<4	5	52	5	1.54	1.29	26	0.71	589	12	84	329	30	0.54	6	8	<10	112	1133	11	30	<10	3	200
14240	1327484	0.100	<1	5.55	23	377	<2	24	1.64	<4	5	50	7	1.35	0.95	25	0.42	336	11	82	342	20	0.50	<5	12	<10	102	1153	11	24	<10	3	53
14241	1327485	0.095	<1	5.53	20	382	<2	39	1.30	<4	5	39	8	1.23	0.95	24	0.35	273	9	61	318	41	0.57	<5	10	<10	100	1065	6	23	<10	2	116
14242	1327486	0.209	<1	4.94	24	357	<2	34	1.15	<4	5	58	10	1.33	0.89	22	0.34	281	13	100	315	38	0.54	<5	8	<10	90	1008	6	24	<10	2	156
14243	1327487	0.057	<1	4.81	23	360	<2	37	1.21	<4	6	61	17	1.50	0.88	23	0.51	364	14	108	289	52	0.59	6	11	<10	105	941	10	25	<10	2	85
14244	1327488	0.227	3	3.66	37	328	<2	48	0.42	4	5	47	64	1.32	0.86	20	0.23	143	11	81	285	1117	1.03	6	21	<10	41	786	7	17	18	2	1207
14245	1327489	0.136	1	8.04	48	575	<2	24	1.17	<4	6	43	34	1.37	0.85	33	0.31	149	12	64	312	38	1.02	<5	<5	<10	106	1344	8	27	10	<2	257
14246	1327490	2.116	1	7.48	16	564	<2	44	2.82	<4	15	55	25	3.17	0.76	26	1.13	604	3	27	534	21	0.23	8	14	<10	235	2350	14	104	21	12	56
14247	1327491	0.080	2	7.90	31	540	2	24	1.99	<4	14	125	40	2.81	0.80	34	0.96	489	9	87	405	30	1.13	5	7	<10	124	1885	8	58	<10	8	78
14248D	1327491	0.096	2	8.40	38	563	<2	29	2.13	<4	15	130	40	2.85	0.84	35	0.97	497	11	90	421	34	1.17	<5	6	<10	133	1953	11	59	<10	8	81
14249	1327492	0.061	2	8.54	18	553	2	24	1.84	<4	20	150	43	3.30	0.87	37	1.06	542	11	104	457	35	1.42	5	<5	<10	113	2069	13	76	<10	9	81
14250	1327493	0.009	<1	5.54	13	439	<2	21	2.00	<4	9	78	2	1.77	0.84	22	0.98	425	13	107	419	16	0.47	<5	12	<10	91	1522	14	36	<10	3	42
14251	1327494	0.007	<1	6.56	12	463	<2	25	2.53	<4	9	68	<1	1.76	0.91	23	1.06	445	9	84	444	13	0.47	5	<5	<10	114	1591	12	39	<10	3	68
14252	1327495	0.011	<1	6.55	16	466	<2	36	2.48	<4	9	70	<1	1.84	0.86	25	1.05	436	9	86	461	13	0.54	5	17	<10	126	1739	11	40	<10	3	66
14253	1327496	0.017	<1	7.25	11	492	<2	13	2.50	<4	9	63	3	1.78	0.88	29	0.95	495	7	73	447	18	0.66	<5	8	<10	135	1665	8	38	<10	3	222

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
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Wednesday, February 20, 2013

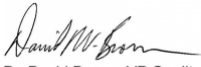
Final Certificate

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 Fax#: (416) 599-4959
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Date Received: 01/24/2013
 Date Completed: 02/12/2013
 Job #: 201340180
 Reference: TL 13-304
 Sample #: 71

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
14254	1327497	0.017	<1	7.03	16	676	<2	30	2.26	<4	9	82	4	1.79	0.85	28	0.82	437	13	117	449	23	0.71	<5	8	<10	133	1647	10	38	<10	3	59
14255	1327498	0.024	<1	5.02	15	455	<2	15	1.80	<4	10	82	1	1.83	0.78	22	0.83	435	12	117	415	15	0.63	<5	9	<10	99	1543	12	37	<10	3	132
14256	1327499	0.018	<1	5.72	15	425	<2	24	1.99	<4	10	58	7	1.65	0.74	24	0.81	381	6	72	575	10	0.53	<5	8	<10	117	1643	13	36	<10	3	156
14257	1327500	0.005	<1	6.47	14	486	<2	31	2.56	<4	12	50	15	2.67	0.78	22	1.00	534	3	25	502	14	0.19	<5	<5	<10	221	2126	16	91	21	11	47
14258	1368001	0.008	<1	6.21	6	481	<2	29	2.24	<4	10	87	9	1.89	0.76	26	0.95	489	15	125	451	10	0.52	<5	9	<10	134	1600	13	40	<10	3	96
14259R	1368001	0.007	<1	6.67	14	507	<2	13	2.36	<4	9	81	9	1.86	0.78	27	0.97	500	11	110	459	16	0.53	7	19	<10	143	1646	10	40	<10	3	102
14260	1368002	<-0.005	<1	6.27	16	610	<2	70	2.33	<4	10	89	<1	1.96	0.83	26	1.06	380	15	127	489	16	0.50	<5	13	<10	145	1657	3	41	<10	3	39
14261	1368003	0.006	<1	5.84	18	452	<2	30	1.71	<4	5	57	9	1.42	0.82	26	0.74	542	12	89	710	16	0.46	7	14	<10	125	1252	13	23	11	2	45
14262	1368004	0.018	<1	5.47	17	435	<2	43	1.31	<4	3	72	36	1.14	0.68	23	0.38	281	14	99	191	17	0.55	7	5	<10	92	743	7	16	<10	<2	973
14263	1368005	0.017	<1	5.46	19	402	<2	30	1.43	<4	4	90	4	1.34	0.66	24	0.33	337	23	161	187	18	0.50	9	9	<10	130	752	3	18	11	<2	262
14264	1368006	0.017	<1	5.73	24	420	<2	33	1.39	<4	4	38	<1	0.93	0.76	23	0.29	275	9	65	184	10	0.43	<5	11	<10	142	754	<2	15	<10	<2	44
14265	1368007	0.010	<1	6.52	12	471	<2	26	1.66	<4	5	16	11	1.03	0.76	26	0.47	406	4	20	216	14	0.56	<5	15	<10	151	764	11	17	11	2	276
14266	1368008	0.016	<1	6.47	26	430	<2	25	1.69	<4	2	20	<1	0.91	0.72	25	0.58	502	5	32	195	16	0.48	<5	11	<10	128	757	10	14	<10	<2	30
14267	1368009	0.009	<1	6.48	13	410	<2	37	1.71	<4	5	25	<1	0.96	0.85	23	0.44	432	7	39	220	19	0.44	<5	20	<10	143	736	13	15	<10	<2	32
14268	1368010	4.633	54	4.60	35	441	<2	26	1.59	18	13	31	41	2.57	0.76	17	0.65	410	5	22	437	509	0.40	29	8	206	158	1401	14	72	46	9	1582
14269	1368011	0.006	<1	6.21	10	318	2	21	1.61	<4	6	36	6	1.36	0.77	22	0.84	603	6	46	277	21	0.44	<5	16	<10	142	1044	6	23	<10	4	70
14270D	1368011	0.007	<1	6.78	11	457	2	36	2.08	<4	5	39	6	1.30	0.77	23	0.75	583	7	48	282	21	0.46	<5	16	<10	162	1021	6	23	<10	2	56
14271	1368012	0.012	<1	6.59	15	524	2	32	1.63	<4	17	108	35	3.12	0.73	30	1.07	705	6	73	442	26	0.70	<5	6	<10	141	2006	9	66	<10	10	79

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, February 15, 2013


Final Certificate

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 Date Received: 01/25/2013
 Date Completed: 02/08/2013
 Job #: 201340201
 Reference: TL 13-305
 Sample #: 47

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
15663	1368013	0.560	2	7.52	72	406	2	28	1.20	<4	20	141	32	3.45	0.71	29	1.21	401	9	106	459	93	2.30	5	11	<10	61	1401	17	72	<10	6	119
15664	1368014	0.497	1	6.65	129	328	2	33	1.21	<4	20	129	26	3.42	0.62	26	1.43	429	9	104	397	81	2.45	8	<5	<10	62	1026	12	60	<10	4	126
15665	1368015	0.365	2	8.00	107	470	<2	69	1.11	<4	19	137	33	3.07	0.83	30	1.38	403	11	100	389	76	1.94	8	10	<10	59	1350	14	69	14	4	272
15666	1368016	0.126	2	8.55	52	500	2	33	1.86	<4	21	148	36	3.48	0.86	33	1.42	527	8	97	470	68	1.61	<5	5	<10	81	1711	15	80	<10	7	117
15667	1368017	0.190	1	7.77	55	434	2	23	1.72	<4	17	127	25	3.22	0.78	29	1.25	542	5	65	434	55	1.88	<5	8	<10	69	1610	15	66	<10	7	68
15668	1368018	0.243	2	7.39	72	445	<2	35	1.19	<4	16	127	31	2.70	0.81	24	0.70	301	7	71	418	188	2.14	<5	17	<10	54	1362	12	65	<10	6	271
15669	1368019	0.489	2	7.11	109	396	2	32	1.21	<4	19	115	17	3.33	0.72	24	0.81	301	6	75	403	132	2.74	<5	9	<10	58	1263	6	59	10	5	392
15670	1368020	0.009	<1	6.83	13	507	<2	31	2.70	<4	14	53	17	2.84	0.67	23	1.04	566	5	24	512	18	0.22	<5	5	<10	224	2233	13	96	20	12	47
15671	1368021	0.283	1	7.06	109	405	2	24	1.27	<4	16	115	24	2.91	0.71	22	0.59	255	6	71	410	62	2.60	<5	9	<10	59	1161	12	58	<10	6	117
15672	1368022	0.364	1	5.38	125	251	<2	29	0.53	<4	15	104	28	2.96	0.75	16	0.40	157	6	74	352	140	3.04	<5	5	<10	35	919	11	44	10	8	522
15673D	1368022	0.363	1	5.92	117	268	<2	27	0.55	<4	13	108	26	2.80	0.93	18	0.41	154	5	66	346	136	2.86	5	8	<10	38	983	6	47	13	8	497
15674	1368023	0.085	<1	6.16	45	251	2	44	0.74	<4	16	112	31	2.80	0.82	23	1.17	357	6	81	355	61	1.46	6	9	<10	45	1261	6	54	<10	8	91
15675	1368024	0.248	1	6.72	71	219	2	37	0.80	<4	17	120	30	2.96	0.85	26	1.33	409	7	81	415	67	1.56	<5	19	<10	48	1330	9	60	<10	8	151
15676	1368025	0.253	2	6.20	94	229	2	22	0.50	<4	20	124	32	3.42	0.64	22	1.03	295	8	102	393	118	2.42	<5	9	<10	40	1225	8	67	<10	7	385
15677	1368026	0.217	3	6.46	115	223	<2	21	0.59	<4	21	108	28	3.46	0.70	23	1.03	288	5	80	333	126	2.63	6	10	<10	42	1202	11	64	12	7	527
15678	1368027	0.305	2	6.89	100	260	2	44	0.61	<4	20	114	31	3.16	0.67	24	0.87	225	5	82	361	98	2.47	<5	9	<10	46	1312	11	66	10	8	248
15679	1368028	0.317	3	6.77	73	282	2	43	0.66	<4	10	75	29	1.80	0.75	22	0.56	156	6	64	345	334	1.53	<5	15	<10	44	1130	5	42	17	6	786
15680	1368029	13.361	5	6.31	59	307	2	36	0.60	6	5	35	73	1.60	0.78	19	0.40	137	6	51	305	338	1.46	<5	9	<10	38	1007	9	23	24	4	1694
15681	1368030	0.251	<1	2.59	354	>5000	<2	56	1.01	<4	5	14	22	2.38	0.94	14	0.13	<100	12	10	<100	26	0.43	30	15	<10	70	541	11	12	36	6	31
15682	1368031	0.162	3	5.08	16	369	<2	27	0.42	<4	4	24	47	1.09	0.83	17	0.32	122	6	40	349	279	0.62	6	10	<10	24	1022	7	22	15	4	789

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Friday, February 15, 2013


Final Certificate

 Treasury Metals Inc
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 Toronto, On, CAN
 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/25/2013
 Date Completed: 02/08/2013
 Job #: 201340201
 Reference: TL 13-305
 Sample #: 47

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
15683	1368032	0.042	<1	6.66	30	273	<2	20	1.57	<4	6	23	2	1.16	0.79	24	0.85	367	5	33	368	31	0.59	<5	8	<10	51	1192	8	25	<10	5	61
15684D	1368032	0.046	<1	6.11	24	241	<2	34	1.57	<4	6	23	2	1.19	0.76	23	0.85	378	6	32	378	28	0.58	<5	12	<10	49	1156	10	24	<10	4	56
15685	1368033	0.056	<1	7.06	23	423	2	34	3.10	<4	7	22	54	1.78	0.79	25	1.46	658	4	36	392	52	0.71	6	12	<10	101	1279	19	28	<10	5	97
15686	1368034	0.017	<1	6.43	14	413	<2	39	1.98	<4	6	23	1	1.37	0.89	22	0.85	286	3	34	410	29	0.55	<5	10	<10	101	1120	12	24	<10	5	55
15687	1368035	0.025	<1	7.59	15	459	<2	48	2.27	<4	7	20	<1	1.50	0.87	27	0.78	307	2	29	421	20	0.70	5	7	<10	120	1299	11	30	<10	5	49
15688	1368036	0.025	<1	6.51	9	443	<2	23	2.09	<4	6	16	<1	1.47	0.82	21	0.65	271	3	24	392	19	0.49	6	18	<10	101	1445	7	28	<10	5	44
15689	1368037	0.019	<1	8.79	10	575	<2	11	2.55	<4	7	27	<1	1.53	0.75	29	0.74	297	5	36	433	19	0.56	<5	12	<10	120	1441	12	32	<10	6	53
15690	1368038	0.025	<1	7.55	10	395	<2	31	2.13	<4	6	24	<1	1.42	0.67	26	0.69	267	6	36	406	25	0.56	<5	12	<10	93	1402	9	31	<10	5	34
15691	1368039	0.019	<1	7.88	7	385	<2	32	2.47	<4	7	21	33	1.57	0.68	25	0.78	358	4	27	430	59	0.67	<5	8	<10	106	1227	9	27	<10	6	80
15692	1368040	0.009	<1	5.97	17	317	<2	37	2.06	<4	12	41	14	2.49	0.74	20	1.01	498	3	23	438	14	0.18	<5	12	<10	198	1974	10	85	18	13	38
15693	1368041	0.015	<1	6.77	11	344	<2	22	2.07	<4	6	28	19	1.19	0.81	22	0.72	325	5	36	326	40	0.53	<5	9	<10	90	915	11	20	<10	5	50
15694	1368042	0.056	<1	7.20	37	371	<2	21	1.50	6	7	21	12	1.91	0.82	26	0.78	430	4	33	365	106	1.74	<5	11	<10	80	1239	7	26	24	5	1649
15695D	1368042	0.089	<1	7.35	44	390	<2	22	1.48	6	7	21	10	1.82	0.91	26	0.77	415	3	29	356	108	1.66	<5	<5	<10	80	1233	12	25	25	5	1586
15696	1368043	0.027	<1	7.31	36	394	2	32	1.34	<4	9	23	<1	2.02	0.87	25	0.69	311	5	36	385	29	1.88	<5	8	<10	81	1340	11	27	14	5	630
15697	1368044	0.019	<1	6.22	18	329	2	14	1.68	<4	7	24	<1	1.40	0.77	22	0.82	319	5	38	382	33	0.63	<5	13	<10	82	1212	9	26	<10	4	42
15698	1368045	0.037	<1	7.33	9	372	2	39	1.47	4	7	38	44	2.04	0.84	27	0.71	274	9	67	388	65	1.14	7	13	<10	86	1348	10	29	21	5	1053
15699	1368046	0.036	<1	7.31	15	357	2	21	1.34	<4	8	22	45	1.83	0.86	28	0.67	240	3	33	363	43	1.09	5	<5	<10	80	1307	6	27	16	5	751
15700	1368047	0.019	<1	8.02	19	314	2	44	3.08	<4	5	19	43	1.68	0.85	26	1.45	775	2	25	416	234	0.73	5	13	<10	132	1224	12	28	10	6	172
15701	1368048	0.030	<1	6.89	11	382	2	24	2.00	<4	7	22	16	1.58	0.64	26	0.98	469	3	30	413	183	0.60	<5	25	<10	98	1282	9	29	10	5	85
15702	1368049	0.019	<1	7.70	13	457	<2	47	2.11	<4	8	20	12	1.64	0.70	30	1.00	541	4	29	434	51	0.62	5	9	<10	112	1430	9	32	12	5	59

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Dr. David Brown, VP Quality

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Friday, February 15, 2013


Final Certificate

Treasury Metals Inc
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 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 01/25/2013
 Date Completed: 02/08/2013
 Job #: 201340201
 Reference: TL 13-305
 Sample #: 47

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
15703	1368050	1.955	<1	5.88	10	340	<2	75	2.22	<4	15	49	25	3.23	0.67	22	1.21	609	2	29	532	17	0.16	<5	7	<10	194	2161	5	103	20	14	54
15704	1368051	0.008	<1	6.92	6	401	<2	52	2.23	<4	7	21	1	1.46	0.76	23	0.75	332	2	30	398	19	0.39	<5	14	<10	102	1347	13	28	<10	5	52
15705	1368052	0.017	<1	6.48	16	353	<2	25	2.04	<4	8	21	6	1.70	0.78	24	0.89	456	2	28	407	262	0.56	5	29	<10	89	1355	9	29	13	5	491
15706D	1368052	0.008	<1	7.00	11	403	<2	43	2.16	<4	5	24	6	1.70	0.92	26	0.92	456	3	30	412	259	0.58	<5	21	<10	97	1401	15	29	13	5	476
15707	1368053	0.007	<1	6.31	9	352	<2	18	1.64	<4	6	20	4	1.75	0.82	24	0.86	433	3	30	424	22	0.56	<5	6	<10	84	1467	10	30	<10	5	76
15708	1368054	0.021	<1	8.30	7	518	3	29	2.82	<4	8	41	38	2.13	0.91	29	1.36	812	5	57	501	106	0.74	<5	12	<10	143	1543	12	33	16	7	586
15709	1368055	0.035	1	7.05	12	409	2	36	2.09	5	7	55	27	1.93	0.85	25	1.25	553	11	93	402	803	0.73	<5	13	<10	130	1333	9	29	17	5	1335
15710	1368056	0.025	<1	7.45	10	408	2	22	2.27	<4	6	30	12	1.67	0.94	24	1.14	623	5	42	426	58	0.65	<5	27	<10	131	1194	9	30	<10	5	219
15711	1368057	0.075	2	6.30	17	264	2	50	2.21	10	8	80	193	2.43	0.99	20	1.20	876	8	70	349	938	1.35	6	14	<10	111	1225	8	43	47	9	2235
15712	1368058	0.066	<1	8.27	17	303	2	26	2.68	<4	16	147	27	2.88	0.95	30	1.30	754	6	75	473	30	1.01	<5	9	<10	179	2237	11	66	<10	13	80
15713	1368059	0.017	<1	7.45	15	241	2	27	3.02	<4	18	139	27	2.75	0.81	25	1.38	742	7	88	503	26	0.94	7	<5	<10	175	1800	11	57	10	13	138

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, December 16, 2015

Final Certificate

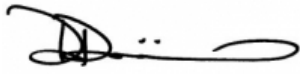
 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 02/11/2013
 Date Completed: 03/01/2013
 Job #: 201340325
 Reference: TL 13-305
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
26726	1368029	8.618	8.221	95.233	13.741	6.13%	48.67

APPLIED SCOPES: ALPM1

Validated By:

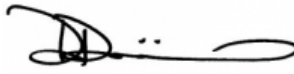


Derek Demianiuk, VP Quality

Certified By:

Murphy

Authorized By:



Derek Demianiuk, VP Quality

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Friday, March 1, 2013


Final Certificate

Treasury Metals Inc
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Date Received: 01/29/2013
 Date Completed: 02/13/2013
 Job #: 201340222
 Reference: TL 13 306
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17833	1368169	0.019	<1	5.19	9	199	<2	12	2.14	<4	4	32	5	1.56	<0.01	10	1.53	966	2	38	360	25	0.75	<5	5	<10	107	1223	<2	30	<10	5	42
17834	1368170	1.311	<1	3.68	9	376	2	10	2.05	<4	15	56	31	3.57	<0.01	9	1.40	692	<1	32	599	13	0.36	10	<5	<10	227	2505	<2	110	37	15	59
17835	1368171	0.017	<1	5.21	5	255	<2	30	1.80	<4	3	31	4	1.46	0.05	9	1.30	651	2	30	367	9	0.60	<5	<5	<10	105	1295	<2	28	10	5	32
17836	1368172	0.032	<1	4.93	4	202	<2	<1	1.49	<4	3	28	4	1.52	<0.01	8	1.10	478	2	33	386	12	0.67	11	<5	<10	82	1276	<2	29	<10	5	31
17837	1368173	0.118	1	5.09	20	233	2	32	0.75	<4	3	23	7	1.31	<0.01	9	0.87	452	<1	27	365	13	0.98	<5	<5	<10	66	1377	<2	29	<10	5	33
17838	1368174	0.054	<1	5.01	17	223	2	14	0.91	<4	4	29	8	1.28	<0.01	9	0.93	490	<1	29	370	17	0.81	5	<5	<10	70	1404	<2	30	<10	6	36
17839	1368175	0.150	2	5.15	17	213	2	17	0.75	<4	4	30	7	1.32	0.01	10	0.85	476	3	33	356	18	1.00	<5	<5	<10	61	1416	<2	32	<10	5	34
17840	1368176	0.078	2	4.01	18	149	<2	41	0.89	<4	4	22	8	1.33	<0.01	7	0.98	636	<1	26	366	27	0.86	6	<5	<10	62	1210	<2	24	<10	5	48
17841	1368177	0.128	1	5.01	23	170	<2	25	0.73	<4	4	22	16	1.17	0.03	6	0.84	516	2	26	377	18	0.95	7	<5	<10	57	1366	<2	29	<10	5	37
17842	1368178	<0.005	<1	4.83	13	149	<2	43	1.71	<4	3	32	6	1.36	<0.01	8	1.18	828	2	40	367	22	0.77	11	<5	<10	85	1174	<2	30	<10	5	27
17843D	1368178	<0.005	<1	5.15	12	143	<2	16	1.78	<4	3	33	5	1.40	<0.01	9	1.21	847	3	40	378	25	0.77	<5	<5	<10	86	1161	<2	30	<10	5	26
17844	1368179	0.017	<1	4.82	25	152	<2	8	0.85	<4	3	24	4	1.14	<0.01	10	0.88	610	2	28	347	18	0.96	10	<5	<10	117	1314	<2	28	<10	5	26
17845	1368180	<0.005	<1	4.39	2	361	2	43	2.06	<4	13	53	22	3.08	0.02	10	1.27	627	<1	29	545	5	0.47	<5	<5	<10	242	2510	<2	100	37	15	54
17846	1368181	0.024	<1	5.36	21	181	2	45	1.39	<4	5	32	8	1.42	<0.01	10	1.15	819	2	36	364	18	1.11	7	<5	<10	91	1307	<2	32	<10	7	165
17847	1368182	0.018	2	5.15	20	243	2	22	2.85	<4	11	76	30	2.57	<0.01	12	1.69	989	2	51	512	68	1.98	8	<5	<10	102	1797	<2	50	<10	11	96
17848	1368183	0.009	<1	3.45	<2	204	<2	21	1.78	<4	4	53	8	1.22	0.09	7	1.43	633	5	52	554	31	0.53	10	<5	<10	102	1138	<2	23	12	6	73
17849	1368184	0.012	<1	4.31	3	358	<2	26	1.18	<4	5	46	23	1.60	0.06	9	1.09	616	5	55	473	35	0.90	8	<5	<10	96	1492	<2	27	<10	6	60
17850	1368185	0.052	2	4.19	28	477	2	16	0.73	<4	8	26	30	2.18	0.04	4	0.70	376	1	36	587	230	1.93	7	<5	<10	77	1627	<2	30	<10	6	309
17851	1368186	0.026	<1	3.99	24	456	2	28	0.91	<4	7	32	27	1.96	0.05	5	0.83	464	3	48	570	49	1.52	9	<5	<10	87	1610	<2	29	<10	5	55
17852	1368187	0.045	<1	4.20	21	390	<2	<1	1.82	<4	7	46	12	2.70	0.03	7	1.19	710	3	63	591	207	2.36	7	<5	<10	113	1417	<2	32	16	7	559

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
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Friday, March 1, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/29/2013
 Date Completed: 02/13/2013
 Job #: 201340222
 Reference: TL 13 306
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17853	1368188	0.012	<1	4.74	18	468	2	21	2.10	<4	7	35	8	2.13	<0.01	6	1.18	637	1	46	560	31	1.46	5	<5	<10	110	1494	<2	29	<10	6	64
17854D	1368188	0.009	<1	6.15	17	547	2	26	2.25	<4	8	42	8	2.19	0.04	11	1.24	648	3	60	580	27	1.56	13	<5	<10	121	1665	<2	33	<10	7	64
17855	1368189	0.015	<1	7.05	22	512	2	5	2.47	<4	7	43	12	2.04	0.02	15	1.56	809	4	59	608	38	1.58	15	7	<10	120	1701	<2	33	<10	8	71
17856	1368190	5.334	67	2.77	31	410	<2	1	1.21	18	12	37	50	2.99	<0.01	6	0.87	502	2	25	521	602	0.66	56	<5	219	199	1736	<2	81	97	12	1825
17857	1368191	1.086	2	5.24	32	344	<2	22	1.62	<4	7	31	40	2.12	<0.01	11	1.29	649	2	42	537	118	1.84	10	<5	<10	87	1556	<2	29	17	6	615
17858	1368192	0.013	<1	5.50	17	484	2	19	2.54	<4	7	32	26	2.25	0.13	12	1.66	796	1	41	541	71	1.29	5	9	<10	113	1576	<2	31	<10	7	179
17859	1368193	0.005	<1	6.29	7	470	3	21	2.96	<4	7	44	6	2.22	0.18	12	1.65	646	2	62	564	22	0.94	11	<5	<10	120	1539	<2	32	<10	7	53
17860	1368194	0.058	1	5.43	14	324	3	28	2.13	<4	15	111	60	3.10	0.15	12	1.56	699	4	90	525	247	1.60	6	<5	<10	122	1994	<2	58	14	12	158
17861	1368195	0.016	<1	4.14	4	235	<2	30	1.10	<4	18	152	39	3.17	0.07	11	1.28	534	5	97	545	18	0.73	5	<5	<10	106	2198	<2	69	10	12	99
17862	1368196	0.051	1	4.20	22	287	2	8	1.43	<4	19	143	69	3.83	<0.01	13	1.68	903	3	101	539	28	2.02	13	<5	<10	108	2314	<2	72	14	15	115
17863	1368197	0.052	<1	4.71	31	298	2	18	1.62	<4	23	153	47	4.15	0.06	11	1.78	981	4	115	499	45	2.61	12	<5	<10	114	2338	<2	78	<10	15	112
17864	1368198	0.108	2	4.16	31	358	3	31	1.59	<4	19	129	50	3.42	0.03	10	1.39	777	4	97	528	506	2.30	6	<5	<10	106	2167	<2	65	16	14	461
17865D	1368198	0.111	2	4.56	33	389	3	13	1.57	<4	19	138	50	3.41	<0.01	12	1.39	772	5	99	525	512	2.28	<5	<5	<10	105	2260	<2	68	<10	14	481
17866	1368199	0.107	<1	4.27	24	455	<2	<1	0.59	<4	8	30	8	1.94	<0.01	11	0.71	280	2	45	491	469	2.03	12	<5	<10	71	1644	<2	30	17	6	915
17867	1368200	<0.005	<1	3.52	4	343	2	9	2.02	<4	14	55	22	3.20	<0.01	8	1.30	645	1	33	564	11	0.39	5	<5	<10	225	2480	<2	103	38	15	55
17868	1368201	0.037	<1	5.20	24	585	<2	42	0.85	<4	7	33	3	1.98	0.09	10	0.89	397	2	46	539	49	1.99	<5	<5	<10	79	1818	<2	33	<10	6	55
17869	1368202	0.041	<1	4.92	24	574	2	23	1.19	<4	7	30	5	1.85	0.16	10	1.02	475	3	42	567	56	1.80	<5	<5	<10	103	1708	<2	31	<10	6	145
17870	1368203	0.038	<1	4.77	15	499	2	40	1.50	<4	8	32	4	1.93	0.11	10	1.24	622	3	46	573	79	1.61	11	<5	<10	111	1647	<2	32	18	6	498
17871	1368204	0.044	<1	3.58	14	344	<2	7	1.65	<4	7	33	2	1.99	0.05	8	1.28	674	1	46	558	42	1.52	10	<5	<10	103	1492	<2	29	<10	5	63
17872	1368205	0.317	2	4.38	55	296	2	14	0.18	<4	18	135	25	3.60	0.02	14	1.63	391	3	86	460	388	2.68	9	<5	<10	54	1559	<2	69	24	8	734

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, March 1, 2013


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 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/29/2013
 Date Completed: 02/13/2013
 Job #: 201340222
 Reference: TL 13 306
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17873	1368206	0.315	4	3.12	59	244	2	19	0.24	<4	18	129	33	3.85	<0.01	10	1.57	384	2	86	459	725	2.83	11	<5	<10	50	1385	<2	63	16	8	679
17874	1368207	0.100	<1	3.71	33	236	2	38	1.07	<4	17	132	41	3.36	0.21	12	1.50	541	4	95	444	61	2.02	<5	<5	<10	88	1571	<2	63	<10	10	156
17875	1368208	0.342	<1	3.67	22	279	<2	27	1.01	<4	16	118	88	2.96	<0.01	12	1.48	525	2	79	467	136	1.43	12	<5	<10	92	1770	<2	58	11	11	213
17876D	1368208	0.330	<1	3.93	27	289	<2	<1	1.12	<4	17	129	95	3.22	0.07	13	1.61	572	3	90	518	154	1.49	10	<5	<10	98	1856	<2	61	<10	12	228
17877	1368209	0.462	<1	6.01	16	420	3	47	1.72	<4	16	128	40	3.05	0.06	18	1.50	584	3	84	556	77	1.30	5	6	<10	136	2211	<2	60	<10	13	147
17878	1368210	0.229	<1	<0.01	427	>5000	3	13	0.80	<4	5	23	32	3.03	0.02	<1	0.18	<100	11	14	<100	23	0.75	23	<5	<10	99	575	<2	15	82	7	19
17879	1368211	0.179	<1	5.01	27	488	2	33	1.79	<4	7	38	16	1.91	<0.01	12	1.36	577	2	48	501	98	1.30	8	<5	<10	97	1532	<2	30	13	6	103
17880	1368212	0.345	4	3.95	14	394	2	74	1.14	<4	8	37	60	1.84	0.04	6	1.00	420	2	49	612	238	1.09	9	<5	<10	71	1430	<2	29	25	6	553
17881	1368213	0.083	<1	4.38	11	345	<2	27	1.44	<4	15	106	41	3.10	0.07	12	1.80	738	3	76	627	47	1.21	11	<5	<10	90	1980	<2	55	<10	11	144
17883	1368225	1.163	<1	3.51	31	258	2	17	1.16	<4	7	38	13	1.80	0.05	7	1.27	405	2	55	491	308	1.00	10	<5	<10	79	1371	<2	27	10	5	106
17884	1368226	0.883	<1	4.51	26	262	<2	11	1.16	<4	7	32	11	1.70	0.08	10	1.20	364	2	43	458	136	1.13	17	<5	<10	83	1370	<2	27	<10	6	94
17885	1368227	0.075	1	4.19	24	280	2	18	1.92	<4	6	53	14	1.91	<0.01	9	1.34	447	4	65	493	108	0.89	8	<5	<10	87	1238	<2	32	<10	6	44
17886	1368228	0.216	<1	4.73	12	341	3	30	0.96	<4	18	150	53	3.43	0.01	14	1.49	523	6	120	541	57	1.33	9	<5	<10	88	1907	<2	74	10	11	88
17887D	1368228	0.271	<1	3.73	12	337	3	31	0.84	<4	19	167	53	3.52	<0.01	10	1.43	522	10	153	529	59	1.20	7	<5	<10	79	1831	<2	72	11	11	89
17888	1368229	0.136	<1	3.80	16	271	2	18	0.78	<4	12	86	35	2.85	<0.01	15	1.74	496	2	72	502	113	1.51	8	<5	<10	70	1145	<2	47	16	6	470
17889	1368230	2.075	<1	3.78	8	379	<2	20	2.16	<4	16	60	32	3.80	0.11	10	1.48	733	<1	36	632	22	0.39	5	6	<10	230	2591	<2	115	35	15	65
17890	1368231	0.073	<1	5.99	21	408	2	<1	2.32	<4	13	143	29	3.18	0.12	16	1.43	688	13	162	549	46	0.83	8	<5	<10	118	1877	<2	59	<10	12	76
17891	1368232	0.281	<1	5.47	53	403	<2	12	1.38	<4	17	149	66	3.18	0.18	19	1.12	626	8	112	499	55	1.65	12	<5	<10	99	2330	<2	76	10	14	94
17892	1368233	0.164	<1	5.69	44	535	2	29	2.43	<4	16	181	58	3.06	0.09	17	1.37	775	15	161	505	60	1.27	11	<5	<10	145	2037	<2	71	<10	14	81
17893	1368234	0.460	3	3.97	55	654	2	30	1.70	4	9	109	93	2.64	0.07	11	1.12	536	16	115	423	421	2.09	8	<5	<10	147	1503	<2	44	33	8	1391

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, March 1, 2013


Final Certificate

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 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/29/2013
 Date Completed: 02/13/2013
 Job #: 201340222
 Reference: TL 13 306
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17894	1368235	0.043	<1	6.21	22	826	2	21	2.23	<4	7	80	11	1.96	0.07	17	1.26	443	11	119	537	29	0.85	<5	<5	<10	199	1669	<2	36	14	7	132

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Monday, February 25, 2013


Final Certificate

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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/29/2013
 Date Completed: 02/15/2013
 Job #: 201340223
 Reference: TL 13 306
 Sample #: 11

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17895	1368214	1	4.97	36	230	3	8	1.30	4	13	190	20	2.10	<0.01	13	1.25	485	<1	30	387	73	1.23	<5	17	<10	73	1358	<2	49	14	7	546
17896	1368215	1	6.57	55	394	2	15	0.95	6	12	184	54	2.08	<0.01	17	1.07	425	<1	18	503	195	1.53	<5	<5	<10	66	1697	<2	39	22	7	1080
17897	1368216	1	6.33	40	354	2	7	1.31	<4	9	65	41	1.70	0.04	15	1.20	489	<1	15	482	173	1.11	<5	7	<10	72	1526	<2	34	10	6	124
17898	1368217	3	3.53	41	196	<2	12	0.49	4	8	117	131	1.53	0.11	9	0.63	301	<1	13	375	193	1.32	<5	<5	<10	42	1045	<2	23	15	5	696
17899	1368218	1	3.44	28	235	<2	6	0.47	<4	7	103	15	1.17	0.02	7	0.56	266	<1	11	341	70	0.91	<5	9	<10	40	1067	<2	23	<10	5	197
17900	1368219	1	4.93	33	274	2	8	1.19	<4	7	133	20	1.26	<0.01	14	0.88	444	<1	12	407	159	0.85	<5	<5	<10	62	1344	<2	28	13	6	269
17901	1368220	<1	<0.01	3	<1	<2	2	<0.01	<4	<1	<1	<1	<0.01	<0.01	<1	<0.01	<100	<1	<1	<100	3	<0.01	<5	<5	<10	<3	<100	3	<2	<10	<2	10
17902	1368221	<1	3.98	29	212	<2	9	0.94	<4	7	105	19	1.26	<0.01	10	0.77	393	<1	12	344	30	0.98	6	13	<10	51	1061	<2	25	11	5	59
17903	1368222	36	4.18	194	235	2	15	0.09	18	15	197	436	3.70	0.27	11	0.40	145	<1	38	386	943	4.05	63	7	<10	33	1344	<2	55	63	8	3925
17904	1368223	3	4.48	54	184	2	13	0.79	<4	8	140	153	1.95	0.11	12	0.90	339	<1	15	498	153	1.51	<5	<5	<10	57	1113	<2	29	12	7	416
17906	1368224	4	3.50	26	150	2	3	0.62	4	7	96	27	1.17	0.24	8	0.83	270	<1	10	356	653	0.84	<5	5	<10	56	958	<2	22	15	5	738

PROCEDURE CODES: ALP1, ALMA1, AISu1, ALPM1

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Monday, February 25, 2013

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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/19/2013
 Date Completed: 02/25/2013
 Job #: 201340376
 Reference: TL-13-301, TL0827-13RE, TL-13-306,
 Sample #: 70

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30179	1327231	544	0.016	0.544
30180	1327232	143	0.004	0.143
30181	1327233	27	<0.001	0.027
30182	1327234	15	<0.001	0.015
30183	1327235	6	<0.001	0.006
30184	1327236	18	<0.001	0.018
30185	1327237	50	0.001	0.050
30186	1327238	690	0.020	0.690
30187	1327239	64	0.002	0.064
30188	1327240	5	<0.001	0.005
30189 Dup	1327240	Insufficient Sample		
30190	1327241	128	0.004	0.128
30191	1327242	615	0.018	0.615
30192	1327243	39	0.001	0.039
30193	1327244	37	0.001	0.037
30194	1327245	28	<0.001	0.028
30195	1327246	26	<0.001	0.026
30196	1327247	147	0.004	0.147
30197	1327248	146	0.004	0.146
30198	1327249	62	0.002	0.062
30199	1327250	4598	0.134	4.598
30200	1327301	72	0.002	0.072
30201	1327302	121	0.004	0.121
30202	1327303	201	0.006	0.201
30203	1327304	253	0.007	0.253
30204	1327305	222	0.006	0.222
30205	1327306	1057	0.031	1.057
30206	1327307	1690	0.049	1.690
30207	1327308	205	0.006	0.205
30208	1327309	395	0.012	0.395

PROCEDURE CODES: ALM1, ALFA1

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 Date Received: 02/19/2013
 Date Completed: 02/25/2013
 Job #: 201340376
 Reference: TL-13-301, TL0827-13RE, TL-13-306,
 Sample #: 70

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30209	1368121	84	0.002	0.084
30210	1368122	88	0.003	0.088
30211 Dup	1368122	94	0.003	0.094
30212	1368123	30	<0.001	0.030
30213	1368124	487	0.014	0.487
30214	1368125	176	0.005	0.176
30215	1368126	148	0.004	0.148
30216	1368127	155	0.005	0.155
30217	1368128	50	0.001	0.050
30218	1368129	90	0.003	0.090
30219	1368130	240	0.007	0.240
30220	1368131	28	<0.001	0.028
30221	1368132	23	<0.001	0.023
30222 Dup	1368132	21	<0.001	0.021
30223	1368133	23	<0.001	0.023
30224	1368134	26	<0.001	0.026
30225	1368135	51	0.001	0.051
30226	1368136	55	0.002	0.055
30227	1368137	87	0.003	0.087
30228	1368138	142	0.004	0.142
30229	1368139	73	0.002	0.073
30230	1368169	22	<0.001	0.022
30231	1368170	257	0.007	0.257
30232	1368171	10	<0.001	0.010
30233 Dup	1368171	10	<0.001	0.010
30234	1368172	42	0.001	0.042
30235	1368173	112	0.003	0.112
30236	1368174	68	0.002	0.068
30237	1368175	177	0.005	0.177
30238	1368176	87	0.003	0.087

PROCEDURE CODES: ALM1, ALFA1


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 Date Received: 02/19/2013
 Date Completed: 02/25/2013
 Job #: 201340376
 Reference: TL-13-301, TL0827-13RE, TL-13-306,
 Sample #: 70

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30239	1368177	137	0.004	0.137
30240	1368178	7	<0.001	0.007
30241	1368179	18	<0.001	0.018
30242	1368371	50	0.001	0.050
30243	1368372	205	0.006	0.205
30244 Rep	1368372	223	0.007	0.223
30245	1368373	72	0.002	0.072
30246	1368374	42	0.001	0.042
30247	1368375	51	0.001	0.051
30248	1368376	223	0.007	0.223
30249	1368377	142	0.004	0.142
30250	1368378	86	0.003	0.086
30251	1368379	175	0.005	0.175
30252	1368380	4874	0.142	4.874
30253	1368381	57	0.002	0.057

PROCEDURE CODES: ALM1, ALFA1

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Friday, March 1, 2013


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 Date Received: 01/30/2013
 Date Completed: 02/13/2013
 Job #: 201340226
 Reference: TL 13-307
 Sample #: 45

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
18741	1368236	0.041	1	5.00	18	435	2	26	1.75	<4	9	46	10	2.09	0.08	11	1.34	620	<1	43	540	106	1.31	15	<5	<10	112	1678	<2	42	12	8	391
18742	1368237	0.029	<1	5.62	19	573	2	15	1.83	<4	7	25	13	1.69	0.04	12	1.20	524	1	31	542	32	1.25	9	<5	<10	115	1601	<2	35	<10	6	57
18743	1368238	0.037	1	4.57	20	462	<2	13	2.30	<4	10	84	23	2.31	0.05	9	1.61	773	4	56	468	93	1.42	12	6	<10	106	1552	<2	53	11	10	130
18744	1368239	0.061	<1	4.06	26	298	2	21	1.66	<4	17	114	31	3.62	<0.01	12	2.23	880	2	75	851	54	1.91	7	<5	<10	84	1753	<2	69	<10	11	124
18745	1368240	0.011	<1	2.87	4	319	<2	8	1.98	<4	13	53	21	3.18	<0.01	6	1.28	640	<1	28	561	5	0.34	9	<5	<10	213	2395	<2	102	20	14	53
18746	1368241	0.102	<1	3.49	48	257	2	12	0.78	<4	17	115	24	3.32	<0.01	13	1.71	430	1	67	552	70	2.32	6	<5	<10	68	1582	<2	60	<10	11	337
18747	1368242	0.182	<1	4.59	28	420	2	10	0.60	<4	11	91	37	2.58	0.09	15	1.59	427	4	56	469	77	1.41	8	<5	<10	61	1424	<2	51	14	10	285
18748	1368243	0.134	<1	5.57	16	359	3	18	1.69	<4	17	131	51	3.25	0.19	15	1.61	591	2	74	553	51	1.16	5	5	<10	133	2230	<2	69	<10	13	103
18749	1368244	0.143	<1	5.55	27	437	2	14	1.57	<4	15	89	28	2.75	0.16	14	1.40	552	2	67	524	36	1.41	14	<5	<10	115	1973	<2	57	10	10	70
18750	1368245	0.180	<1	5.16	36	347	2	10	1.48	<4	8	30	9	1.97	0.22	11	1.13	471	2	39	487	51	1.62	8	<5	<10	87	1419	<2	37	<10	7	77
18751D	1368245	0.183	<1	4.47	35	317	<2	20	1.37	<4	7	33	9	1.88	0.11	8	1.05	447	2	44	469	54	1.50	11	<5	<10	81	1297	<2	37	<10	6	106
18752	1368246	0.138	<1	3.81	31	288	2	43	1.31	<4	6	28	7	1.63	0.14	7	0.98	417	<1	32	464	44	1.34	9	<5	<10	76	1220	<2	31	11	6	70
18753	1368247	2.407	<1	2.79	70	219	2	41	0.37	<4	20	104	35	3.82	0.08	6	1.33	467	7	92	458	46	2.71	8	<5	<10	42	1603	<2	62	10	9	181
18754	1368248	0.092	<1	4.60	32	267	2	13	0.83	<4	14	75	29	2.68	0.07	11	1.64	626	3	62	489	50	1.63	<5	<5	<10	57	1678	<2	55	<10	8	98
18755	1368249	0.822	<1	3.88	41	348	<2	10	0.06	<4	5	29	62	1.50	<0.01	4	0.58	193	2	39	400	127	1.49	7	<5	<10	43	1499	<2	39	17	6	607
18756	1368250	4.281	66	2.69	31	410	<2	33	1.16	18	12	36	50	2.93	<0.01	5	0.84	486	2	24	514	576	0.66	60	<5	216	200	1721	<2	80	86	12	1785
18757	1368251	2.035	4	4.16	70	278	2	10	0.65	9	8	38	216	2.73	0.09	10	0.94	382	4	44	448	627	2.77	22	<5	<10	56	1332	<2	39	61	6	2825
18758	1368252	0.564	3	4.21	74	328	2	16	0.32	<4	11	50	66	2.61	0.14	10	0.85	319	1	40	471	325	2.47	22	<5	<10	45	1590	<2	45	30	7	935
18759	1368253	0.647	1	3.95	42	241	2	35	1.30	<4	7	31	22	1.62	<0.01	12	1.19	569	3	41	440	72	1.34	11	<5	<10	63	1206	<2	33	<10	6	116
18760	1368254	0.354	<1	5.31	49	307	2	21	1.46	<4	7	28	48	1.80	0.17	20	1.62	612	<1	32	466	66	1.30	14	<5	<10	74	1488	<2	35	<10	6	185

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, March 1, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 01/30/2013
 Date Completed: 02/13/2013
 Job #: 201340226
 Reference: TL 13-307
 Sample #: 45

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
18761	1368255	0.040	<1	5.17	28	266	<2	32	1.58	<4	6	28	4	1.60	0.06	17	1.67	571	1	32	464	35	1.05	10	<5	<10	81	1379	<2	35	<10	6	71
18762D	1368255	0.040	<1	6.03	28	297	2	21	1.75	<4	7	35	4	1.74	0.13	20	1.80	615	3	41	502	39	1.11	8	<5	<10	89	1493	<2	39	<10	7	71
18763	1368256	0.954	2	5.12	52	309	2	<1	0.31	<4	7	31	21	1.80	0.17	13	0.69	227	3	43	447	132	1.85	13	<5	<10	55	1639	<2	41	17	6	312
18764	1368257	0.072	<1	6.17	30	279	<2	24	1.67	<4	7	29	23	1.81	0.20	17	1.34	458	2	35	490	66	1.52	13	<5	<10	94	1504	<2	38	17	7	311
18765	1368258	1.137	5	5.22	44	327	2	30	0.39	5	10	67	63	1.56	0.24	12	0.63	178	3	54	408	287	1.47	23	<5	<10	56	1719	<2	59	41	8	1383
18766	1368259	0.189	<1	6.93	6	385	2	10	1.29	<4	20	139	43	3.50	0.22	21	1.58	580	3	85	529	45	1.41	5	<5	<10	97	2407	<2	90	14	14	256
18767	1368260	<0.005	<1	5.05	6	393	2	10	2.23	<4	13	54	21	3.13	0.17	11	1.32	643	<1	30	555	12	0.49	<5	<5	<10	267	2681	<2	104	22	16	55
18768	1368261	0.060	<1	5.97	27	292	2	44	0.95	<4	16	97	19	3.35	0.11	18	2.04	459	9	70	463	46	1.83	10	<5	<10	83	1508	<2	66	12	8	460
18769	1368262	0.220	<1	3.01	71	128	2	27	0.72	<4	12	107	23	2.49	0.11	10	1.46	481	4	67	457	27	1.00	15	<5	<10	59	1149	<2	59	<10	7	67
18770	1368263	0.049	1	4.78	19	323	2	27	0.40	<4	18	124	50	3.17	0.17	11	1.22	490	4	82	537	49	1.61	8	<5	<10	53	1666	<2	79	<10	9	96
18771	1368264	0.134	<1	5.20	32	305	3	17	2.31	<4	10	56	36	2.37	0.15	12	1.74	1185	4	54	495	47	1.19	15	<5	<10	85	1574	<2	39	<10	8	130
18772	1368265	0.230	<1	4.24	69	272	2	19	1.32	<4	10	56	24	1.91	0.19	9	1.07	591	3	67	471	124	1.32	6	6	<10	70	1428	<2	33	<10	6	255
18773D	1368265	0.222	<1	4.18	70	275	<2	26	1.28	<4	9	59	24	1.92	0.27	9	1.07	590	5	74	472	135	1.29	9	<5	<10	68	1440	<2	35	<10	6	256
18774	1368266	0.278	<1	3.83	66	282	<2	30	1.17	<4	9	56	24	1.85	0.18	8	1.05	581	3	59	501	121	1.21	13	<5	<10	64	1468	<2	36	11	6	189
18775	1368267	0.211	1	5.13	49	236	<2	27	1.07	<4	21	144	46	3.69	0.25	14	1.39	565	4	106	480	114	1.99	11	<5	<10	88	1823	<2	76	<10	11	147
18776	1368268	0.109	<1	5.50	18	256	2	18	1.11	<4	23	161	54	4.15	0.23	21	1.60	596	4	116	527	55	1.20	16	<5	<10	107	2380	<2	92	<10	10	73
18777	1368269	0.762	<1	4.85	24	285	<2	32	0.79	<4	22	166	52	4.17	0.05	13	1.26	527	7	139	488	52	1.82	6	<5	<10	102	1903	<2	89	13	10	129
18778	1368270	0.206	<1	0.04	406	>5000	<2	13	0.82	<4	7	24	31	2.98	0.06	2	0.22	<100	11	15	<100	20	0.78	30	<5	<10	97	657	8	16	84	7	22
18779	1368271	0.047	<1	5.26	12	370	4	<1	1.60	<4	20	142	44	3.43	0.09	17	1.36	690	2	89	522	38	1.03	8	<5	<10	138	2428	<2	75	10	15	109
18780	1368272	0.353	2	4.30	58	273	2	21	1.25	<4	13	97	167	3.17	0.18	11	1.04	556	4	79	403	475	2.13	17	<5	<10	101	1824	<2	47	23	10	882

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Dr. David Brown, VP Quality

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Friday, March 1, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/30/2013
 Date Completed: 02/13/2013
 Job #: 201340226
 Reference: TL 13-307
 Sample #: 45

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
18781	1368273	0.173	<1	4.87	32	334	2	15	1.91	<4	13	85	39	2.60	0.14	11	1.20	784	5	88	486	48	1.21	7	<5	<10	103	1786	<2	47	<10	10	77
18782	1368274	0.214	<1	3.94	45	341	3	41	1.71	<4	22	130	47	3.83	0.14	15	1.25	733	2	83	505	103	2.32	12	<5	<10	130	2056	<2	68	14	13	418
18783	1368275	0.027	<1	4.31	7	349	2	40	1.69	<4	19	144	51	3.74	0.13	21	1.36	707	2	83	553	34	1.16	9	<5	<10	155	2589	<2	74	<10	15	83
18784D	1368275	0.036	<1	4.93	15	363	2	47	1.79	<4	21	153	51	3.78	0.13	22	1.37	710	4	95	568	30	1.20	<5	<5	<10	163	2620	<2	76	<10	15	81
18785	1368276	0.863	<1	4.02	39	392	<2	<1	1.07	<4	21	147	108	3.76	0.09	19	1.04	544	3	106	583	82	1.73	11	<5	<10	121	2587	<2	81	11	15	136
18786	1368277	0.770	1	2.08	86	401	3	15	0.72	5	15	129	359	3.51	<0.01	8	0.76	426	5	104	184	430	0.16	15	14	<10	112	1883	<2	67	57	11	2410
18787	1368278	0.846	<1	3.27	130	649	4	34	0.64	<4	18	119	53	3.29	<0.01	14	0.68	395	5	96	217	140	0.16	18	17	<10	109	2015	<2	61	19	12	186
18788	1368279	0.303	<1	3.42	71	332	4	13	1.16	<4	12	78	25	2.65	0.04	13	0.91	454	3	73	245	148	0.12	12	12	<10	113	1765	<2	46	14	9	143
18789	1368280	<0.005	<1	2.37	6	332	3	45	1.92	<4	12	53	20	3.10	0.09	4	1.23	637	<1	31	267	21	0.07	13	14	<10	219	2431	<2	102	35	14	52

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Tuesday, February 26, 2013

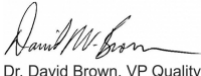
Final Certificate

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 Date Received: 01/30/2013
 Date Completed: 02/20/2013
 Job #: 201340227
 Reference: TL 13-307
 Sample #: 7

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
18790	1368281	<1	4.41	104	366	2	30	0.54	<4	19	129	68	2.83	0.01	17	0.83	394	<1	75	589	90	2.59	<5	7	<10	97	2287	<2	75	<10	13	241
18791	1368282	186	4.49	56	397	<2	34	0.96	4	15	123	165	2.98	<0.01	17	0.96	552	<1	76	563	184	2.51	<5	5	<10	109	2119	27	63	17	13	896
18792	1368283	<1	4.46	32	278	2	20	1.50	<4	18	128	41	2.94	0.06	19	1.21	585	<1	67	439	24	2.01	<5	8	<10	149	2111	<2	62	<10	13	122
18793	1368284	<1	4.46	15	219	<2	23	1.06	<4	18	136	39	3.22	<0.01	29	1.30	508	<1	67	417	20	1.91	<5	13	<10	128	2132	<2	64	<10	12	66
18794	1368285	<1	5.00	20	336	2	24	1.12	<4	15	132	41	3.10	<0.01	33	1.50	426	<1	69	419	25	1.78	<5	11	<10	128	1873	<2	59	<10	10	72
18795	1368286	<1	4.76	19	313	2	20	1.07	<4	16	117	39	3.18	<0.01	34	1.55	445	<1	70	423	23	1.76	<5	7	<10	125	1832	<2	58	<10	10	80
18796	1368287	<1	5.55	19	315	2	35	1.38	<4	18	126	39	3.41	<0.01	30	1.57	537	<1	67	483	29	1.89	<5	9	<10	127	2169	<2	70	<10	12	56

PROCEDURE CODES: ALP1, ALMA1, AISu1, ALPM1

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Friday, February 22, 2013


Final Certificate

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/19/2013
 Date Completed: 02/22/2013
 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30075	1327061	93	0.003	0.093
30076	1327062	812	0.024	0.812
30077	1327063	290	0.008	0.290
30078	1327064	434	0.013	0.434
30079	1327065	767	0.022	0.767
30080	1327066	314	0.009	0.314
30081	1327067	277	0.008	0.277
30082	1327068	983	0.029	0.983
30083	1327069	2646	0.077	2.646
30084	1327070	4644	0.135	4.644
30085 Dup	1327070	Insufficient Sample		
30086	1327071	519	0.015	0.519
30087	1327072	262	0.008	0.262
30088	1327073	2067	0.060	2.067
30089	1327074	5487	0.160	5.487
30090	1327075	612	0.018	0.612
30091	1327076	142	0.004	0.142
30092	1327077	52	0.002	0.052
30093	1327078	22	<0.001	0.022
30094	1327079	1614	0.047	1.614
30095	1327401	43	0.001	0.043
30096 Dup	1327401	49	0.001	0.049
30097	1327402	84	0.002	0.084
30098	1327403	33	<0.001	0.033
30099	1327404	62	0.002	0.062
30100	1327405	78	0.002	0.078
30101	1327406	79	0.002	0.079
30102	1327407	623	0.018	0.623
30103	1327408	686	0.020	0.686
30104	1327409	95	0.003	0.095

PROCEDURE CODES: ALM1, ALFA1


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 Date Received: 02/19/2013
 Date Completed: 02/22/2013
 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30105	1327410	219	0.006	0.219
30106	1327411	248	0.007	0.248
30107 Dup	1327411	259	0.008	0.259
30108	1327412	178	0.005	0.178
30109	1327413	188	0.005	0.188
30110	1327414	511	0.015	0.511
30111	1327415	201	0.006	0.201
30112	1327416	373	0.011	0.373
30113	1327417	100	0.003	0.100
30114	1327418	183	0.005	0.183
30115	1327419	54	0.002	0.054
30116	1368241	67	0.002	0.067
30117	1368242	133	0.004	0.133
30118 Dup	1368242	171	0.005	0.171
30119	1368243	144	0.004	0.144
30120	1368244	116	0.003	0.116
30121	1368245	269	0.008	0.269
30122	1368246	206	0.006	0.206
30123	1368247	1318	0.038	1.318
30124	1368248	65	0.002	0.065
30125	1368249	745	0.022	0.745
30126	1368250	233	0.007	0.233
30127	1368251	1874	0.055	1.874
30128	1368252	2157	0.063	2.157
30129 Dup	1368252	2064	0.060	2.064
30130	1368253	515	0.015	0.515
30131	1368254	348	0.010	0.348
30132	1368255	35	0.001	0.035
30133	1368256	1072	0.031	1.072
30134	1368257	55	0.002	0.055

PROCEDURE CODES: ALM1, ALFA1


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 Date Completed: 02/22/2013
 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30135	1368258	974	0.028	0.974
30136	1368259	346	0.010	0.346
30137	1368341	127	0.004	0.127
30138	1368342	167	0.005	0.167
30139	1368343	59	0.002	0.059
30140 Rep	1368343	101	0.003	0.101
30141	1368344	106	0.003	0.106
30142	1368345	34	<0.001	0.034
30143	1368346	178	0.005	0.178
30144	1368347	549	0.016	0.549
30145	1368348	1339	0.039	1.339
30146	1368349	126	0.004	0.126
30147	1368350	<5	<0.001	<0.005
30148	1368351	129	0.004	0.129
30149	1368352	141	0.004	0.141
30150	1368353	516	0.015	0.516
30151 Dup	1368353	510	0.015	0.510
30152	1368354	21	<0.001	0.021
30153	1368355	187	0.005	0.187
30154	1368356	324	0.009	0.324
30155	1368357	2409	0.070	2.409
30156	1368358	387	0.011	0.387
30157	1368359	304	0.009	0.304
30158	1368401	46	0.001	0.046
30159	1368402	95	0.003	0.095
30160	1368403	108	0.003	0.108
30161	1368404	440	0.013	0.440
30162 Dup	1368404	469	0.014	0.469
30163	1368405	387	0.011	0.387
30164	1368406	535	0.016	0.535

PROCEDURE CODES: ALM1, ALFA1

 Certified By: 
 Dr. David Brown, VP Quality

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Friday, February 22, 2013


Final Certificate

 Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/19/2013
 Date Completed: 02/22/2013
 Job #: 201340375
 Reference: TL223-12RE, TL13-303 TL13-307, TL1
 Sample #: 95

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30165	1368407	210	0.006	0.210
30166	1368408	435	0.013	0.435
30167	1368409	497	0.015	0.497
30168	1368410	4926	0.144	4.926
30169	1368411	779	0.023	0.779
30170	1368412	101	0.003	0.101
30171	1368413	202	0.006	0.202
30172	1368414	571	0.017	0.571
30173 Dup	1368414	572	0.017	0.572
30174	1368415	3472	0.101	3.472
30175	1368416	395	0.012	0.395
30176	1368417	91	0.003	0.091
30177	1368418	613	0.018	0.613
30178	1368419	391	0.011	0.391

PROCEDURE CODES: ALM1, ALFA1


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Friday, March 1, 2013


Final Certificate

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 Date Received: 02/01/2013
 Date Completed: 02/13/2013
 Job #: 201340235
 Reference: TL 13-308
 Sample #: 94

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19557	1368288	0.016	<1	4.95	<2	174	4	17	1.39	<4	4	25	4	1.75	0.24	12	2.68	1210	2	36	189	31	0.12	13	18	<10	108	1417	3	25	18	5	60
19558	1368289	0.039	<1	4.28	12	177	3	25	0.86	<4	4	23	4	1.47	0.16	6	1.66	737	<1	29	181	24	0.10	22	22	<10	116	1279	<2	22	11	5	36
19559	1368290	1.974	<1	3.83	5	416	3	23	2.28	<4	18	65	33	4.07	0.28	11	1.56	802	<1	41	336	28	0.09	20	17	<10	250	2887	<2	127	50	16	65
19560	1368291	0.034	<1	3.79	5	153	3	35	0.83	<4	3	26	2	1.49	0.15	6	1.76	714	1	38	190	22	0.08	19	21	<10	101	1314	<2	22	13	5	35
19561	1368292	0.010	<1	3.67	6	148	3	49	1.54	<4	3	26	5	1.61	0.13	6	1.78	1077	2	34	193	24	0.08	20	10	<10	84	1229	<2	21	15	5	41
19562	1368293	0.121	<1	3.68	19	141	4	14	1.11	<4	3	22	15	1.71	0.10	7	1.00	791	<1	33	185	31	0.11	16	16	<10	72	1154	<2	20	16	5	32
19563	1368294	0.008	<1	4.35	7	137	4	32	1.60	<4	2	24	4	1.39	0.13	9	1.30	1053	<1	30	184	24	0.09	15	11	<10	130	1249	<2	22	12	5	26
19564	1368295	0.028	<1	4.72	8	156	3	33	1.92	<4	3	24	4	1.59	0.09	10	1.47	1294	<1	29	184	23	0.10	22	23	<10	118	1316	<2	23	15	5	26
19565	1368296	0.045	<1	4.17	16	146	4	17	1.26	<4	2	49	9	1.38	0.11	10	1.05	881	6	76	183	22	0.10	14	13	<10	121	1228	<2	23	11	5	22
19566	1368297	0.061	2	4.97	32	185	5	14	1.72	<4	4	39	30	1.93	0.10	12	1.28	937	3	59	194	46	0.14	19	15	<10	123	1289	<2	24	23	6	276
19567D	1368297	0.060	<1	5.17	28	195	4	16	1.75	<4	4	44	31	1.95	0.20	12	1.29	935	4	65	192	43	0.14	25	27	<10	125	1291	<2	24	23	6	272
19568	1368298	0.013	<1	4.77	29	238	5	50	1.93	<4	3	36	8	1.50	0.26	9	1.40	916	2	47	223	40	0.09	21	21	<10	128	1279	<2	24	16	5	45
19569	1368299	0.122	1	6.19	68	526	4	46	2.31	<4	4	58	33	2.70	0.51	16	1.49	767	7	72	179	80	0.20	31	10	<10	122	1323	<2	27	34	7	561
19570	1368300	<0.005	<1	4.61	8	407	4	27	2.25	<4	13	55	21	3.24	0.21	11	1.34	677	<1	33	283	19	0.12	17	21	<10	273	2794	<2	109	33	16	52
19571	1368301	0.289	<1	4.05	73	417	4	29	1.88	<4	7	63	27	2.80	0.18	10	1.32	516	10	68	147	68	0.18	18	22	<10	98	1213	<2	32	23	7	217
19572	1368302	0.043	<1	5.61	15	698	3	38	1.61	<4	9	78	19	2.11	0.12	16	1.02	449	3	52	248	40	0.15	14	12	<10	145	2012	<2	47	20	9	69
19573	1368303	0.006	<1	4.32	9	494	4	59	1.99	<4	4	48	16	1.57	0.13	10	1.20	647	4	55	230	59	0.14	15	17	<10	136	1422	<2	29	15	7	225
19574	1368304	0.027	<1	5.25	20	583	4	61	2.25	<4	6	33	26	2.33	0.04	13	1.60	932	2	53	285	85	0.12	21	19	<10	128	1832	<2	34	22	7	311
19575	1368305	0.059	1	5.98	21	515	5	21	3.14	<4	7	36	103	2.39	0.16	14	1.99	1144	2	47	292	320	0.12	17	12	<10	151	1903	6	36	22	7	465
19576	1368306	0.034	<1	4.96	17	434	3	21	2.74	<4	5	29	47	2.05	0.05	11	1.79	1022	1	39	268	185	0.12	16	21	<10	131	1708	<2	33	26	6	553

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, March 1, 2013


Final Certificate

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 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/01/2013
 Date Completed: 02/13/2013
 Job #: 201340235
 Reference: TL 13-308
 Sample #: 94

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19577	1368307	0.022	<1	6.13	12	497	5	45	3.60	<4	6	33	6	2.53	0.37	14	2.07	1062	2	46	335	41	0.12	24	13	<10	164	2168	2	40	26	7	76
19578D	1368307	0.017	<1	4.77	12	459	3	42	2.97	<4	5	30	4	2.11	0.14	9	1.73	883	2	45	276	27	0.09	13	8	<10	145	1881	<2	34	15	6	55
19579	1368308	0.017	<1	5.73	12	565	5	42	2.86	<4	5	28	6	2.13	0.21	11	1.94	856	2	42	279	31	0.11	18	8	<10	137	1711	<2	35	10	6	71
19580	1368309	0.016	<1	4.85	2	418	3	42	2.91	<4	13	76	68	2.89	0.09	12	1.69	984	2	65	233	66	0.12	21	9	<10	138	1792	<2	48	11	8	111
19581	1368310	4.977	69	2.44	34	439	3	12	1.29	14	14	42	55	3.32	0.24	6	0.90	548	2	31	269	648	0.09	63	11	212	213	1856	<2	91	115	13	1915
19582	1368311	<0.005	<1	4.36	2	517	3	42	1.54	<4	7	55	15	1.71	0.16	12	1.30	601	3	60	174	37	0.11	19	8	<10	111	1625	<2	36	19	6	53
19583	1368312	<0.005	<1	4.22	11	418	3	7	1.84	<4	5	35	9	1.40	0.12	16	1.31	666	3	57	174	33	0.10	12	10	<10	93	1471	<2	25	23	5	62
19584	1368313	0.012	<1	4.69	16	457	4	35	1.64	<4	4	32	10	1.41	0.06	15	1.34	638	2	45	159	58	0.11	16	11	<10	131	1481	<2	23	17	5	96
19585	1368314	<0.005	<1	4.79	24	497	4	31	1.45	<4	5	28	11	1.31	<0.01	13	1.21	564	1	31	158	39	0.12	23	17	<10	114	1465	<2	26	11	5	86
19586	1368315	0.059	<1	4.03	35	375	4	28	1.13	<4	5	32	18	1.81	0.13	10	0.99	515	4	44	152	379	0.12	18	16	<10	80	1234	<2	32	53	5	1987
19587	1368316	0.009	<1	5.04	27	421	3	45	1.39	<4	4	27	4	1.21	0.15	12	1.09	467	3	35	158	36	0.13	16	17	<10	92	1405	<2	28	13	5	79
19588	1368317	0.020	<1	4.18	14	430	3	28	1.40	<4	4	30	8	1.16	0.11	11	1.11	482	2	37	154	29	0.11	23	15	<10	82	1346	<2	29	15	5	71
19589D	1368317	0.019	<1	3.81	15	408	3	21	1.44	<4	5	30	8	1.21	0.08	9	1.13	500	3	40	162	33	0.09	23	9	<10	80	1324	<2	28	14	4	72
19590	1368318	0.018	<1	6.05	14	612	4	94	2.20	<4	4	30	15	1.44	0.11	14	1.46	575	2	37	176	43	0.12	17	17	<10	141	1486	<2	31	21	5	46
19591	1368319	0.035	<1	4.90	16	522	3	62	2.25	<4	4	20	16	1.50	0.25	10	1.53	635	<1	29	158	54	0.11	17	20	<10	125	1303	<2	26	18	5	112
19592	1368320	<0.005	<1	2.35	3	313	3	23	1.95	<4	12	53	24	3.19	0.14	6	1.26	649	<1	33	266	17	0.08	16	16	<10	209	2456	<2	104	32	14	94
19593	1368321	0.033	<1	4.16	13	471	3	16	1.57	<4	4	30	13	1.37	0.12	9	1.24	501	3	39	148	159	0.11	16	20	<10	107	1248	<2	28	18	4	323
19594	1368322	0.020	<1	4.15	20	446	3	27	1.28	<4	4	29	5	1.35	0.13	15	1.24	476	2	35	153	29	0.10	15	11	<10	87	1401	<2	29	21	5	164
19595	1368323	0.058	<1	4.11	21	397	4	25	1.42	<4	5	29	101	1.62	0.22	16	1.55	502	2	39	158	159	0.10	15	17	<10	86	1407	<2	29	29	5	787
19596	1368324	0.051	<1	4.06	20	453	3	51	1.39	<4	4	24	94	1.41	0.16	12	1.69	563	3	33	155	70	0.10	15	12	<10	118	1285	<2	27	14	4	122

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Date Received: 02/01/2013
 Date Completed: 02/13/2013
 Job #: 201340235
 Reference: TL 13-308
 Sample #: 94

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19597	1368325	0.162	<1	4.53	17	543	3	33	2.24	<4	4	27	27	1.70	0.21	15	2.26	883	2	37	147	359	0.13	20	11	<10	124	1269	<2	29	34	5	1235
19598	1368326	0.119	<1	4.83	21	609	3	50	2.01	<4	5	30	22	1.76	0.20	16	2.37	909	3	37	153	301	0.12	16	16	<10	124	1406	<2	31	43	5	1408
19599	1368327	0.076	<1	5.46	22	1271	4	30	1.90	<4	4	30	20	1.60	0.15	16	1.83	691	3	40	150	98	0.13	22	13	<10	212	1415	2	30	20	6	264
19600D	1368327	0.079	<1	4.18	21	1198	3	21	1.76	<4	3	29	20	1.55	0.19	11	1.72	665	2	42	151	91	0.10	12	13	<10	201	1282	<2	29	19	5	241
19601	1368328	0.101	<1	4.58	18	545	4	30	1.62	<4	6	33	23	1.82	0.26	16	1.72	623	5	54	164	114	0.11	19	16	<10	165	1463	<2	34	13	5	258
19602	1368329	0.048	<1	3.63	25	309	3	10	2.89	<4	18	117	77	3.57	0.22	13	3.37	1522	3	72	303	77	0.08	23	15	<10	149	1994	<2	70	15	12	270
19603	1368330	0.212	<1	<0.01	408	>5000	3	11	0.85	<4	5	24	33	3.19	0.12	<1	0.19	<100	12	18	<100	38	0.11	42	14	<10	88	570	<2	16	99	7	25
19604	1368331	0.073	<1	3.68	55	440	4	38	1.17	<4	17	105	55	3.18	0.20	14	1.65	663	4	75	223	80	0.11	21	7	<10	89	1710	<2	61	27	10	594
19605	1368332	0.761	1	4.09	61	302	3	30	1.33	<4	21	146	75	3.90	0.25	17	1.87	811	2	86	230	64	0.14	21	6	<10	72	1828	<2	71	17	13	113
19606	1368333	0.069	<1	2.82	30	207	3	34	0.89	<4	6	89	29	1.77	0.24	8	1.02	381	9	95	314	124	0.12	19	10	<10	60	823	<2	46	20	8	188
19607	1368334	0.161	<1	4.71	50	305	4	46	0.84	<4	14	122	32	2.91	0.17	12	1.50	518	4	74	253	95	0.14	16	10	<10	69	1470	<2	68	24	10	334
19608	1368335	0.254	<1	3.88	48	211	3	17	0.64	<4	15	128	36	3.27	0.14	11	1.50	472	4	88	215	109	0.13	22	<5	<10	55	1344	<2	73	26	9	463
19609	1368336	3.919	6	3.35	110	267	3	49	0.29	6	18	125	34	3.61	0.04	8	0.93	322	4	99	175	316	0.15	17	15	<10	46	1051	<2	77	69	9	3348
19610	1368337	0.969	5	3.25	99	230	4	40	0.38	<4	16	117	54	3.82	0.17	8	0.92	350	3	88	194	376	0.16	22	21	<10	49	997	<2	67	61	8	2311
19611D	1368337	0.982	6	2.95	96	216	3	29	0.36	<4	16	127	55	3.77	0.14	7	0.90	351	7	110	184	364	0.14	18	17	<10	47	969	<2	73	54	8	2292
19612	1368338	0.251	3	3.33	46	187	3	18	0.57	<4	13	115	23	3.28	0.20	21	2.54	599	3	73	216	233	0.11	15	20	<10	50	1284	<2	62	37	8	1501
19613	1368339	0.148	1	2.50	42	185	3	38	0.70	<4	12	107	38	2.94	0.08	11	2.00	501	4	86	231	134	0.09	21	8	<10	51	1131	<2	61	21	7	288
19614	1368340	0.007	<1	2.47	4	324	3	32	1.96	<4	13	54	22	3.24	0.15	6	1.28	651	<1	33	282	16	0.08	22	11	<10	214	2477	<2	105	34	14	58
19615	1368341	0.140	<1	3.56	30	222	3	39	0.70	<4	6	26	7	1.94	0.09	14	2.04	410	2	39	232	82	0.10	12	20	<10	58	1103	<2	33	25	5	100
19616	1368342	0.100	<1	3.43	35	206	3	8	0.61	<4	6	33	14	2.06	0.14	11	1.93	399	4	48	222	101	0.11	23	13	<10	52	1016	<2	37	24	4	290

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Date Received: 02/01/2013
 Date Completed: 02/13/2013
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 Reference: TL 13-308
 Sample #: 94

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19617	1368343	0.080	1	4.38	33	239	4	35	0.82	<4	6	28	6	1.88	0.08	14	2.00	456	<1	37	229	117	0.12	24	12	<10	62	1185	<2	35	22	5	154
19618	1368344	0.237	1	3.91	29	270	3	33	1.40	<4	6	38	11	1.98	0.10	8	1.90	581	3	54	254	89	0.07	14	20	<10	68	1151	<2	40	10	5	88
19619	1368345	0.038	<1	2.53	26	270	3	17	0.57	<4	5	37	16	1.30	0.08	3	0.88	300	3	49	204	60	0.08	17	8	<10	45	1058	<2	35	13	4	55
19620	1368346	0.140	1	3.67	31	277	3	42	0.80	<4	6	39	20	1.92	0.19	7	1.14	400	4	52	227	139	0.11	11	10	<10	57	1164	<2	36	24	6	350
19621	1368347	0.523	3	4.29	42	305	3	8	0.72	<4	7	38	19	1.74	0.13	8	0.99	332	3	51	234	154	0.12	19	16	<10	68	1340	<2	31	36	6	754
19622R	1368347	0.497	3	4.84	51	324	3	27	0.76	<4	6	36	18	1.77	0.22	10	1.00	334	1	44	236	150	0.13	14	16	<10	73	1411	<2	31	25	6	769
19623	1368348	1.459	15	3.61	79	283	3	18	<0.01	4	8	75	44	2.05	0.18	5	0.40	113	10	109	200	823	0.14	31	8	<10	42	1277	<2	36	65	6	2351
19624	1368349	0.101	2	4.95	54	281	3	23	0.89	<4	22	146	72	4.11	0.26	18	1.96	886	3	98	283	103	0.15	16	21	<10	63	2064	<2	76	29	12	172
19625	1368350	1.675	<1	3.01	12	370	3	22	2.06	<4	15	60	32	3.75	0.20	8	1.43	734	<1	38	310	19	0.08	20	11	<10	226	2646	<2	116	48	15	65
19626	1368351	0.113	<1	3.29	31	290	2	44	0.19	<4	10	98	20	1.95	0.13	6	0.79	298	8	100	195	56	0.10	18	17	<10	40	1723	<2	51	21	8	95
19627	1368352	0.152	2	4.16	57	238	3	9	1.13	<4	17	119	38	3.53	0.10	12	1.71	805	4	100	236	60	0.11	16	14	<10	70	1728	<2	61	15	10	86
19628	1368353	0.472	<1	4.31	8	256	4	30	1.44	<4	18	155	50	3.83	0.07	17	1.86	688	3	98	261	59	0.09	17	11	<10	104	2288	<2	72	15	13	152
19629	1368354	0.026	<1	5.16	11	255	3	34	1.92	<4	20	199	51	4.13	0.14	19	1.77	652	9	158	274	44	0.10	20	16	<10	191	2575	<2	81	13	14	82
19630	1368355	0.149	<1	5.01	14	261	3	25	0.94	<4	22	170	50	4.39	0.11	20	2.01	713	5	121	262	67	0.11	21	16	<10	85	2300	<2	89	13	11	98
19631	1368356	0.258	1	5.97	48	320	4	53	1.42	<4	24	183	56	4.62	0.27	18	1.43	735	9	143	282	106	0.15	21	10	<10	96	2450	<2	91	29	16	205
19632	1368357	1.406	5	4.57	78	325	3	20	1.23	<4	19	140	70	3.61	0.12	12	1.09	609	4	115	247	102	0.14	17	15	<10	79	2104	<2	72	26	15	380
19633D	1368357	1.363	2	3.93	72	303	4	26	1.15	<4	19	135	67	3.50	0.12	9	1.03	583	5	118	240	108	0.12	16	11	<10	75	2005	<2	69	21	14	367
19634	1368358	0.410	1	3.63	55	338	4	21	0.43	<4	7	55	21	1.87	0.14	7	0.63	345	6	77	216	108	0.12	13	13	<10	56	1517	<2	35	41	6	1022
19635	1368359	0.284	<1	5.24	57	441	4	30	0.67	<4	6	47	15	2.31	0.29	15	0.87	410	5	68	251	87	0.15	24	7	<10	74	1750	<2	36	30	7	521
19636	1368360	<0.005	<1	2.94	2	338	4	15	1.99	<4	12	52	21	3.15	0.23	7	1.26	640	<1	33	278	16	0.08	22	17	<10	225	2492	<2	104	36	15	55

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Friday, March 1, 2013


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 Date Received: 02/01/2013
 Date Completed: 02/13/2013
 Job #: 201340235
 Reference: TL 13-308
 Sample #: 94

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19637	1368361	0.082	<1	4.47	53	397	4	11	1.53	<4	7	55	9	2.18	0.12	11	1.16	549	6	86	242	59	0.13	21	<5	<10	90	1471	<2	32	17	7	73
19638	1368362	0.874	3	2.85	54	284	3	15	0.73	<4	5	49	34	1.88	0.10	8	0.75	376	11	72	179	807	0.13	21	13	<10	62	1212	<2	27	39	5	1047
19639	1368363	0.039	<1	5.26	21	422	4	30	2.18	<4	5	40	10	1.63	0.06	15	1.61	865	3	58	250	59	0.12	22	18	<10	99	1534	<2	32	13	7	102
19640	1368364	0.060	<1	5.10	32	449	4	37	2.66	<4	7	39	6	1.88	0.09	12	1.76	1120	3	54	247	45	0.11	21	22	<10	100	1473	<2	32	21	7	42
19641	1368365	0.056	<1	4.83	17	430	4	30	2.29	<4	6	45	27	1.80	0.16	12	1.62	1030	7	67	231	48	0.11	19	7	<10	96	1457	<2	32	14	6	64
19642	1368366	0.041	<1	5.05	19	450	4	33	2.38	<4	5	41	16	1.61	0.23	12	1.49	925	7	57	222	54	0.11	18	12	<10	101	1438	<2	31	22	7	59
19643	1368367	0.051	<1	5.45	31	495	3	38	2.59	<4	5	45	20	2.07	0.12	14	1.53	846	4	73	238	54	0.12	16	14	<10	116	1385	<2	32	16	7	144
19644D	1368367	0.053	<1	5.32	26	489	3	55	2.59	<4	6	43	21	2.08	0.12	13	1.54	856	4	70	235	50	0.11	21	6	<10	114	1465	<2	32	20	7	150
19645	1368368	0.055	<1	5.17	9	505	3	33	2.16	<4	6	45	5	1.66	0.11	14	1.32	594	4	59	244	48	0.11	16	12	<10	114	1510	<2	32	12	7	66
19646	1368369	0.026	<1	4.57	8	546	4	14	3.04	<4	9	110	12	1.94	0.13	11	1.87	809	3	92	424	47	0.11	8	9	<10	172	1510	2	35	12	9	80
19647	1368370	5.041	66	2.87	32	439	3	45	1.28	13	12	40	51	3.14	0.08	6	0.88	522	2	30	268	602	0.10	72	13	204	221	1801	<2	87	107	13	1773
19648	1368371	0.048	1	5.29	20	764	4	21	2.10	<4	6	38	9	1.83	0.10	16	1.35	702	2	53	267	58	0.10	19	9	<10	171	1594	<2	33	16	7	74
19649	1368372	0.235	<1	2.30	14	600	3	21	5.03	<4	26	500	41	3.47	0.03	8	4.04	814	<1	260	1281	127	0.09	23	13	<10	373	2666	<2	74	34	19	238
19650	1368373	0.069	<1	4.56	10	700	4	54	2.16	<4	6	36	11	1.54	0.13	14	1.37	618	1	41	255	42	0.11	18	5	<10	210	1391	<2	30	28	7	72
19651	1368374	0.043	<1	2.96	17	500	4	39	2.16	<4	9	96	8	2.07	0.12	10	1.60	521	<1	73	403	33	0.08	12	12	<10	174	1779	<2	38	38	7	71
19652	1368375	0.038	<1	3.98	7	649	4	32	3.41	<4	18	266	30	2.91	0.13	14	2.86	843	2	157	904	80	0.09	21	7	<10	332	2271	<2	60	236	14	263
19653	1368376	0.241	<1	4.35	20	568	3	30	1.50	<4	8	38	23	1.76	0.13	22	1.16	480	3	56	248	125	0.12	12	12	<10	155	1598	<2	34	30	6	525
19654	1368377	0.171	<1	4.15	19	439	4	51	3.89	<4	19	333	34	3.30	0.21	21	3.13	924	<1	187	1059	69	0.11	20	5	<10	202	2749	5	70	19	17	116
19655D	1368377	0.145	<1	3.91	22	422	3	33	3.84	<4	20	332	35	3.24	0.16	21	3.08	907	2	191	1057	68	0.11	20	17	<10	200	2715	<2	68	19	17	108
19656	1368378	0.078	<1	4.40	16	422	3	30	2.55	<4	12	91	68	1.99	0.05	21	1.61	548	1	69	407	69	0.12	14	22	<10	149	1830	<2	40	23	9	367

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19657	1368379	0.144	<1	2.68	50	352	3	30	3.66	<4	19	298	55	2.78	0.09	12	3.02	626	1	186	720	111	0.08	16	14	<10	228	2411	<2	61	26	12	434
19658	1368380	0.148	<1	2.16	2	326	3	34	1.97	<4	13	56	25	3.19	0.05	5	1.26	654	<1	35	281	22	0.07	16	12	<10	219	2442	<2	104	32	14	123
19659	1368381	0.097	<1	2.41	8	451	4	28	1.29	<4	7	35	40	1.86	0.10	11	1.15	557	3	52	220	57	0.07	16	15	<10	116	1526	<2	34	10	5	166

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 Date Received: 02/04/2013
 Date Completed: 02/15/2013
 Job #: 201340245
 Reference: TL-13-309
 Sample #: 78

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19806	1368382	0.018	<1	6.50	31	573	2	22	1.74	<4	5	39	14	1.32	<0.01	19	1.31	632	<1	45	331	136	2.29	<5	11	<10	132	1583	<2	39	<10	7	139
19807	1368383	0.030	<1	5.80	41	477	2	43	1.74	<4	5	32	9	1.32	0.09	13	1.27	586	<1	38	329	22	2.04	<5	18	11	123	1530	19	35	<10	6	38
19808	1368384	0.130	<1	6.10	50	501	2	37	2.30	<4	5	27	15	1.46	0.11	18	1.58	748	<1	28	416	31	2.53	<5	<5	<10	114	1453	14	31	<10	6	403
19809	1368385	0.088	3	5.90	54	519	2	23	1.78	15	5	30	59	1.91	<0.01	18	1.38	651	3	37	317	850	2.95	<5	14	<10	96	1517	<2	34	58	6	6105
19810	1368386	0.066	2	6.22	60	500	2	28	1.71	15	6	34	47	1.95	<0.01	18	1.26	597	1	47	367	846	3.08	<5	9	<10	101	1423	22	36	55	6	5999
19811	1368387	0.013	<1	6.03	44	475	2	34	1.17	<4	6	31	18	1.22	<0.01	19	1.05	444	<1	36	273	43	2.46	<5	12	<10	89	1535	20	35	<10	6	113
19812	1368388	0.053	<1	6.66	39	500	2	33	1.29	<4	5	30	9	1.20	<0.01	22	1.13	448	<1	31	366	57	2.74	<5	17	<10	101	1513	27	32	12	7	596
19813	1368389	0.040	<1	5.72	38	474	2	39	1.52	<4	5	33	14	1.20	<0.01	15	1.09	412	<1	47	318	30	2.30	<5	16	<10	108	1360	<2	33	<10	6	42
19814	1368390	0.212	1	0.55	404	>5000	<2	23	0.85	<4	5	20	29	2.74	<0.01	6	0.23	<100	5	9	<100	25	2.29	26	<5	<10	110	889	8	13	61	9	19
19815	1368391	0.007	<1	5.46	21	481	2	39	2.49	<4	5	36	27	1.52	0.22	14	1.75	681	<1	40	473	49	1.84	<5	<5	<10	122	1455	<2	35	<10	6	189
19816D	1368391	0.009	<1	5.44	26	393	2	22	2.37	<4	5	29	26	1.42	<0.01	15	1.70	644	<1	29	457	46	2.11	<5	18	<10	116	1300	14	28	<10	6	180
19817	1368392	0.012	<1	6.56	26	601	3	30	1.75	<4	6	29	11	1.29	<0.01	20	1.42	510	<1	32	332	40	2.24	<5	13	<10	119	1549	<2	33	<10	6	60
19818	1368393	0.030	<1	4.76	46	368	2	33	1.52	<4	5	20	7	1.39	<0.01	15	1.30	496	<1	24	375	30	2.29	5	14	<10	91	1305	<2	21	<10	6	85
19819	1368394	0.022	<1	7.02	46	450	2	31	2.01	<4	6	50	11	1.51	<0.01	22	1.65	641	<1	61	381	20	2.60	<5	18	<10	112	1547	<2	26	<10	7	58
19820	1368395	0.055	<1	5.50	35	450	2	26	1.50	<4	6	31	49	1.37	<0.01	16	1.55	569	<1	38	340	38	1.92	<5	14	12	103	1510	<2	25	<10	6	77
19821	1368396	0.032	<1	5.81	37	438	3	21	1.28	<4	5	29	22	1.36	0.14	20	1.82	569	<1	32	317	43	2.21	<5	14	<10	117	1404	<2	22	<10	6	361
19822	1368397	0.139	<1	5.79	22	618	3	28	1.79	<4	5	46	15	1.55	<0.01	18	1.91	639	<1	60	304	58	1.71	<5	<5	10	154	1667	<2	28	<10	5	80
19823	1368398	0.077	<1	5.71	38	1242	2	30	1.79	<4	5	55	9	1.60	<0.01	18	1.83	623	1	84	365	99	1.99	5	21	<10	163	1470	<2	26	<10	7	95
19824	1368399	0.179	3	4.94	50	572	2	29	0.97	8	6	40	65	2.30	<0.01	17	1.43	584	<1	59	550	1336	2.69	9	7	<10	110	1527	<2	29	33	7	2261
19825	1368400	<0.005	<1	5.72	20	408	2	30	2.39	<4	15	54	21	3.18	<0.01	14	1.37	665	<1	26	582	13	1.92	<5	6	<10	296	2907	10	109	19	17	57

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19826	1368401	0.062	<1	6.43	43	574	3	46	2.32	<4	9	56	42	2.57	<0.01	20	2.35	929	<1	64	682	71	2.56	<5	<5	<10	171	1960	13	40	13	9	632
19827D	1368401	0.087	<1	7.26	43	616	3	28	2.41	<4	9	52	42	2.59	<0.01	23	2.40	938	<1	53	509	75	2.81	6	<5	<10	180	2074	34	43	14	10	630
19828	1368402	0.008	1	6.74	45	532	2	28	2.52	<4	9	65	28	2.21	<0.01	19	2.05	828	<1	68	583	99	2.62	<5	5	10	179	1752	<2	40	<10	10	228
19829	1368403	<0.005	<1	5.90	70	549	2	22	0.63	<4	18	198	92	3.31	<0.01	18	1.38	444	4	142	447	63	2.98	6	<5	<10	80	1805	<2	79	<10	12	93
19830	1368404	0.503	1	4.52	92	270	<2	32	0.34	<4	15	155	28	2.97	0.19	13	0.88	253	8	120	317	149	3.58	<5	5	<10	65	1272	<2	62	15	10	610
19831	1368405	0.420	<1	6.32	45	344	4	28	0.28	8	21	185	90	3.44	<0.01	19	1.53	464	2	130	481	128	3.10	<5	<5	<10	68	1916	<2	106	31	11	1842
19832	1368406	0.365	2	6.34	65	353	2	22	0.34	<4	18	196	51	3.07	0.28	18	1.23	373	4	138	338	233	2.95	8	14	<10	70	1802	<2	105	<10	11	298
19833	1368407	0.258	1	6.02	47	361	3	27	0.59	<4	14	138	111	2.87	0.08	17	1.34	466	4	91	429	129	3.05	<5	8	<10	71	1509	4	65	<10	11	248
19834	1368408	0.475	14	5.65	56	391	2	55	0.65	<4	10	117	58	2.38	<0.01	16	1.40	450	7	125	506	2105	2.44	17	18	<10	65	1351	7	46	16	9	1129
19835	1368409	0.271	4	6.03	93	298	3	26	0.73	8	14	160	82	3.32	<0.01	16	1.00	302	2	110	434	499	3.97	7	7	<10	72	1220	<2	71	30	10	2313
19836	1368410	0.621	<1	5.12	25	423	2	27	2.32	<4	18	60	31	3.79	<0.01	13	1.46	734	<1	30	645	17	1.62	<5	19	<10	283	2991	3	121	28	16	65
19837	1368411	0.843	5	5.45	99	334	2	26	0.36	5	16	185	31	3.51	0.12	15	0.98	326	6	147	414	407	3.51	7	<5	11	60	1326	<2	86	19	10	1333
19838D	1368411	0.799	5	5.31	105	334	2	39	0.36	5	17	177	31	3.52	0.04	14	0.98	324	5	132	481	413	3.44	6	14	<10	59	1293	10	85	19	10	1343
19839	1368412	0.155	1	6.63	49	300	2	24	0.65	<4	19	175	40	4.01	0.03	22	2.22	663	<1	117	501	124	2.88	<5	7	<10	71	1827	9	94	<10	11	178
19840	1368413	0.239	2	5.06	72	248	<2	24	0.67	<4	14	163	28	3.12	0.82	16	1.43	476	3	119	446	162	2.98	<5	16	<10	64	1335	<2	66	<10	10	169
19841	1368414	0.497	4	4.54	84	300	2	26	0.24	<4	12	169	63	2.70	0.32	10	0.85	266	4	126	330	293	3.02	5	5	<10	54	1150	<2	60	11	10	668
19842	1368415	3.330	20	3.97	113	422	2	30	0.12	23	11	117	226	2.85	0.45	11	0.61	167	14	86	430	1176	3.41	14	9	<10	47	1067	<2	56	83	8	8125
19843	1368416	0.321	6	5.49	53	590	2	31	1.22	<4	7	62	36	1.88	<0.01	14	1.00	333	1	68	524	466	2.67	<5	7	<10	80	1352	<2	35	11	3	711
19844	1368417	0.089	2	5.21	49	484	2	36	1.46	<4	7	36	23	1.79	<0.01	14	1.38	395	<1	37	598	138	2.28	<5	6	<10	82	1226	<2	29	<10	2	177
19845	1368418	0.787	3	5.14	36	507	2	30	1.27	<4	7	63	24	2.12	0.36	18	1.86	534	3	77	572	143	2.10	5	7	<10	74	1581	3	37	<10	2	230

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Thursday, February 28, 2013


Final Certificate

 Treasury Metals Inc
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 Date Received: 02/04/2013
 Date Completed: 02/15/2013
 Job #: 201340245
 Reference: TL-13-309
 Sample #: 78

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19846	1368419	0.364	4	5.93	49	484	2	44	1.92	<4	7	47	21	1.72	<0.01	15	1.66	464	<1	50	439	167	2.11	<5	11	<10	88	1429	19	33	11	3	561
19847	1368420	0.006	1	5.14	25	601	<2	27	2.80	<4	14	59	22	3.15	<0.01	11	1.22	655	<1	26	535	20	1.61	<5	13	<10	295	2830	<2	108	16	13	61
19848	1368421	0.085	2	6.31	49	605	<2	28	1.74	<4	7	45	13	1.60	<0.01	16	1.11	436	<1	45	581	97	2.29	5	6	<10	94	1721	<2	37	10	3	417
19849D	1368421	0.075	2	6.38	52	613	2	28	1.72	<4	8	45	13	1.70	<0.01	16	1.17	460	<1	49	616	116	2.25	<5	16	11	90	1838	14	38	10	3	434
19850	1368422	0.714	8	4.69	74	619	2	21	1.09	<4	11	67	36	2.14	0.01	17	0.70	321	1	72	392	356	2.82	6	<5	<10	74	1898	<2	45	10	3	631
19851	1368423	0.108	3	5.91	66	597	2	20	2.55	<4	9	59	28	2.08	<0.01	22	1.13	641	<1	51	346	95	2.93	<5	26	<10	104	1805	14	37	<10	3	252
19852	1368424	0.271	3	5.46	58	534	2	31	2.16	<4	15	120	60	2.99	<0.01	18	1.39	695	<1	75	497	92	2.66	5	18	<10	95	2057	<2	64	<10	7	355
19853	1368425	3.143	2	6.94	99	564	3	10	1.38	<4	26	186	44	4.55	<0.01	23	1.80	705	1	126	545	85	3.15	<5	13	<10	86	2348	19	99	12	8	432
19854	1368426	0.810	2	5.47	49	478	3	44	1.22	<4	21	137	37	3.69	<0.01	18	1.57	601	<1	73	512	60	2.92	<5	5	11	76	1897	8	76	<10	7	412
19855	1368427	0.175	2	6.24	31	547	3	31	1.96	<4	20	140	46	2.87	<0.01	20	1.23	452	<1	59	468	67	2.46	<5	13	<10	118	2054	<2	79	<10	8	671
19856	1368428	0.046	1	2.14	30	317	2	45	1.48	<4	13	130	33	2.35	<0.01	6	1.01	423	1	97	189	47	1.85	<5	6	<10	101	1495	<2	51	14	6	503
19857	1368429	0.347	2	1.47	34	294	<2	20	0.80	<4	14	98	40	2.20	<0.01	3	0.95	355	<1	42	131	42	1.56	<5	<5	<10	76	1335	<2	54	<10	6	288
19858	1368430	4.817	50	0.79	48	456	2	38	1.12	15	11	35	39	2.50	<0.01	<1	0.59	381	<1	20	109	485	1.25	56	10	205	183	1591	<2	69	55	9	1377
19859	1368431	0.194	2	5.06	41	487	3	42	1.71	<4	21	177	59	3.72	<0.01	17	1.39	670	<1	107	505	75	2.60	<5	17	<10	101	2429	<2	92	<10	13	103
19860D	1368431	0.209	2	4.95	37	465	3	26	1.62	<4	20	163	56	3.49	<0.01	18	1.31	639	<1	92	383	65	2.27	<5	5	<10	94	2373	35	89	<10	12	88
19861	1368432	0.098	2	2.32	50	383	<2	18	0.99	<4	14	126	39	2.37	<0.01	8	0.71	366	<1	87	258	44	2.02	<5	8	<10	67	1814	<2	66	<10	7	56
19862	1368433	0.230	2	3.13	81	474	2	29	1.03	<4	12	158	45	2.18	<0.01	13	0.59	322	2	120	297	96	2.74	<5	17	<10	69	1779	20	55	<10	5	310
19863	1368434	0.064	1	4.28	57	654	4	46	2.33	<4	8	68	9	1.80	<0.01	14	1.13	584	<1	83	503	52	2.28	<5	12	<10	111	1817	7	37	<10	3	53
19864	1368435	0.083	2	5.76	69	808	3	50	2.54	<4	8	68	16	1.82	<0.01	20	1.13	598	5	86	436	112	2.98	<5	20	<10	121	1949	20	41	16	3	468
19865	1368436	1.368	3	2.57	77	631	3	15	1.49	6	7	84	52	2.14	<0.01	10	0.77	495	7	120	309	624	2.75	6	5	<10	89	1586	<2	37	25	2	1777

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/04/2013
 Date Completed: 02/15/2013
 Job #: 201340245
 Reference: TL-13-309
 Sample #: 78

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19866	1368437	0.033	2	3.75	22	568	3	24	2.71	<4	6	50	29	1.47	<0.01	10	1.30	1020	2	68	475	157	1.85	<5	7	<10	98	1469	5	31	12	2	704
19867	1368438	0.006	<1	3.91	24	591	2	22	2.53	<4	7	53	13	1.41	<0.01	12	1.14	747	4	76	354	48	1.73	<5	12	<10	94	1543	<2	32	<10	2	56
19868	1368439	0.012	2	5.33	34	627	2	12	3.20	<4	7	49	26	1.82	<0.01	13	1.56	907	17	57	474	67	1.82	<5	12	10	129	1698	22	35	<10	3	132
19869	1368440	<0.005	1	4.96	21	590	3	32	2.77	<4	15	56	22	3.06	0.21	11	1.17	638	<1	26	685	16	1.80	<5	7	<10	289	2877	10	105	21	12	52
19870	1368441	<0.005	1	5.57	25	747	2	25	2.74	<4	8	70	12	1.72	<0.01	19	1.34	616	2	75	619	44	1.71	<5	7	<10	128	1883	<2	38	<10	3	77
19871R	1368441	<0.005	2	5.81	24	740	2	17	2.78	<4	9	78	11	1.72	<0.01	19	1.33	610	4	81	452	42	2.01	<5	13	<10	129	1834	3	37	<10	3	78
19872	1368442	0.005	2	4.83	22	720	3	26	2.68	<4	8	50	6	1.70	<0.01	16	1.08	433	1	65	384	35	1.79	<5	5	<10	133	1722	<2	34	<10	2	45
19873	1368443	0.071	2	3.59	35	716	2	20	2.52	<4	6	52	8	1.58	<0.01	14	0.93	612	2	68	441	34	2.17	<5	<5	10	120	1520	<2	34	<10	2	49
19874	1368444	0.115	1	3.20	32	664	3	50	2.26	<4	6	62	18	1.56	<0.01	12	0.95	702	5	93	448	73	1.98	<5	15	<10	115	1261	12	28	<10	2	181
19875	1368445	0.212	1	3.00	33	702	2	17	1.88	<4	6	60	21	1.36	<0.01	13	0.75	519	5	86	285	98	1.84	<5	13	<10	127	1426	<2	32	<10	2	182
19876	1368446	0.378	2	3.34	32	667	2	25	1.83	<4	5	42	21	1.21	<0.01	11	0.81	502	<1	53	381	111	1.73	5	10	<10	124	1399	35	30	<10	2	243
19877	1368447	0.065	1	4.78	33	723	2	44	2.45	<4	7	51	13	1.52	<0.01	14	1.02	580	2	70	487	41	1.81	<5	<5	10	170	1668	28	33	<10	2	74
19878	1368448	0.197	<1	4.11	32	657	2	27	2.22	<4	6	45	21	1.35	<0.01	11	0.92	467	1	54	465	49	2.02	<5	16	<10	154	1255	<2	30	11	2	45
19879	1368449	1.746	4	4.13	61	738	2	30	1.69	15	6	66	82	2.28	<0.01	13	0.64	476	7	88	322	318	3.25	<5	13	<10	158	1211	<2	28	38	2	3495
19880	1368450	0.246	2	<0.01	376	>5000	2	18	1.26	<4	5	23	27	2.47	<0.01	2	0.05	<100	4	9	<100	24	1.91	18	<5	<10	109	782	<2	12	52	3	30
19881	1368451	1.105	2	4.60	41	776	2	29	2.20	6	7	56	117	2.22	0.03	11	0.97	676	4	80	361	90	2.42	<5	7	<10	179	1469	16	31	22	2	1458
19882D	1368451	0.860	2	4.27	36	743	2	25	2.13	6	7	53	110	2.10	<0.01	11	0.91	640	3	76	311	85	2.48	<5	13	<10	171	1397	32	29	15	2	1379
19883	1368452	0.780	2	4.14	41	621	2	29	1.84	<4	7	54	50	1.54	<0.01	14	0.82	662	3	75	536	284	2.04	<5	13	<10	141	1640	24	34	<10	2	201
19884	1368453	0.073	1	3.56	27	553	3	31	1.86	<4	7	43	9	1.40	<0.01	13	0.81	679	<1	53	384	102	1.78	<5	10	<10	127	1582	<2	32	10	2	99
19885	1368454	0.143	1	5.03	22	606	2	40	2.13	<4	8	54	16	1.61	<0.01	20	0.88	575	2	69	490	83	1.96	6	13	<10	154	1853	<2	36	44	3	204

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Final Certificate

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 Date Received: 02/04/2013
 Date Completed: 02/15/2013
 Job #: 201340245
 Reference: TL-13-309
 Sample #: 78

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19886	1368455	0.098	2	4.71	29	513	3	25	2.12	<4	7	58	51	1.80	<0.01	18	0.87	536	3	83	524	299	2.29	<5	12	<10	138	1636	<2	35	10	3	559
19887	1368456	0.683	3	4.92	56	523	<2	23	1.83	7	8	56	69	2.07	<0.01	22	0.80	459	4	80	441	610	2.59	<5	11	<10	133	1712	<2	36	26	2	1891
19888	1368457	0.161	2	4.88	19	507	2	23	2.02	4	7	53	18	1.67	<0.01	25	0.90	431	3	75	404	535	1.84	<5	10	<10	152	1698	13	34	21	2	1223
19889	1368458	0.061	1	4.70	23	507	3	31	1.77	<4	7	22	7	1.38	<0.01	27	1.00	375	<1	15	447	27	1.71	7	19	<10	148	1650	<2	32	<10	2	92
19890	1368459	0.012	1	6.04	24	603	3	14	2.77	<4	8	32	11	1.72	<0.01	18	0.85	309	<1	33	506	23	1.77	<5	12	11	192	2067	<2	38	<10	3	40

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Friday, March 8, 2013


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 Date Received: 02/05/2013
 Date Completed: 02/20/2013
 Job #: 201340282
 Reference: TL13-310
 Sample #: 88

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23455	1342189	0.055	<1	2.83	17	11	2	15	0.12	<4	5	15	11	1.01	0.10	8	0.88	539	<1	31	392	17	0.69	<5	6	<10	89	1376	<2	26	<10	5	91
23456	1342190	0.007	<1	3.56	3	106	<2	24	1.23	<4	12	33	18	2.73	0.09	8	1.14	566	<1	28	492	8	0.42	<5	8	<10	240	2359	<2	93	19	15	50
23457	1342191	0.036	<1	5.25	7	141	2	12	0.44	<4	5	21	10	0.95	<0.01	15	0.90	514	<1	43	429	15	0.65	8	<5	<10	125	1739	<2	35	<10	7	37
23458	1342192	0.024	<1	2.50	10	39	<2	25	<0.01	<4	4	31	7	0.73	<0.01	7	0.65	335	<1	66	315	13	0.41	<5	11	<10	73	1208	<2	24	<10	4	32
23459	1342193	0.029	<1	3.45	10	67	<2	17	0.09	<4	3	27	11	0.79	<0.01	6	0.69	340	<1	59	350	12	0.47	<5	14	<10	89	1131	<2	25	<10	5	26
23460	1342194	0.056	<1	3.20	7	21	2	12	<0.01	<4	5	30	4	0.65	<0.01	5	0.55	248	<1	62	331	13	0.45	5	5	<10	72	1127	<2	25	<10	4	16
23461	1342195	1.409	15	2.98	39	<1	2	<1	<0.01	<4	4	24	177	1.01	0.26	6	0.48	146	<1	47	270	516	1.17	25	17	<10	63	1018	<2	20	24	4	1160
23462	1342196	1.695	20	3.40	46	<1	2	17	<0.01	4	4	47	215	1.25	0.46	7	0.48	142	3	96	280	781	1.25	30	6	<10	63	1067	<2	22	27	5	1292
23463	1342197	0.277	5	3.87	29	<1	2	20	<0.01	<4	6	35	35	1.38	0.34	7	0.69	359	<1	75	311	278	1.28	6	6	<10	63	1185	<2	23	17	5	909
23464	1342198	0.087	1	4.65	19	18	2	17	0.35	<4	5	32	15	1.14	0.56	9	0.99	612	<1	68	329	37	0.80	6	14	<10	95	1360	<2	24	<10	5	67
23465D	1342198	0.097	1	4.48	16	13	2	25	0.33	<4	5	26	14	1.08	0.43	9	0.97	596	<1	56	332	36	0.78	<5	8	<10	94	1339	<2	24	<10	5	61
23466	1342199	0.178	2	4.79	18	17	<2	15	0.12	<4	5	39	39	1.34	0.45	10	0.85	478	<1	84	340	38	1.05	6	8	<10	88	1378	<2	25	<10	6	104
23467	1342200	5.035	54	3.09	33	171	2	22	0.54	19	13	22	46	2.75	<0.01	7	0.80	449	<1	26	479	529	0.70	41	5	200	213	1687	<2	78	67	13	1647
23468	1342201	0.023	1	4.69	26	20	2	32	0.50	<4	4	27	6	1.21	<0.01	10	1.05	625	<1	55	343	38	0.87	5	9	<10	96	1379	<2	26	10	6	79
23469	1342202	<0.005	<1	2.58	7	<1	3	15	1.31	<4	4	21	5	1.43	<0.01	2	1.68	1190	<1	50	300	21	0.38	<5	7	<10	96	1047	3	21	<10	4	48
23470	1342203	0.106	<1	4.13	38	<1	2	28	<0.01	<4	3	17	8	1.34	<0.01	9	0.74	385	<1	44	318	11	1.26	<5	8	<10	62	1221	<2	22	<10	5	37
23471	1342204	0.042	1	4.12	24	<1	2	23	1.00	<4	3	23	25	1.47	<0.01	8	1.22	1223	<1	42	292	10	1.10	6	5	<10	89	1148	<2	21	<10	5	51
23472	1342205	0.080	<1	4.07	29	<1	2	17	3.78	<4	4	22	4	2.21	0.17	6	2.51	2624	<1	50	296	13	1.53	6	15	<10	135	1082	4	25	10	6	38
23473	1342206	1.304	1	5.41	23	146	2	23	0.35	<4	4	21	18	1.41	0.08	14	1.00	616	<1	45	320	11	1.34	6	8	<10	126	1266	<2	23	<10	6	36
23474	1342207	0.092	1	5.11	20	603	2	17	0.59	<4	5	25	12	1.54	0.41	13	1.06	466	<1	49	346	37	1.33	<5	6	<10	111	1275	<2	24	<10	6	86

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 Job #: 201340282
 Reference: TL13-310
 Sample #: 88

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23475	1342208	0.238	5	4.69	43	255	3	18	0.32	<4	13	62	35	2.05	0.34	10	0.73	307	<1	76	503	958	1.93	<5	6	<10	183	1814	<2	45	10	8	219
23476D	1342208	0.141	5	4.95	33	272	3	13	0.35	<4	13	56	37	2.04	0.45	11	0.74	305	<1	72	510	974	1.97	6	<5	<10	186	1888	<2	46	11	9	250
23477	1342209	0.012	<1	4.02	7	108	2	19	0.96	<4	14	92	37	2.52	0.64	12	0.90	412	<1	64	447	35	0.92	<5	7	<10	153	2081	<2	58	<10	11	76
23478	1342210	<0.005	<1	2.42	3	79	<2	10	1.08	<4	13	32	18	2.65	0.46	4	1.09	534	<1	27	476	6	0.33	<5	7	<10	219	2162	<2	90	18	14	49
23479	1342211	0.280	1	5.36	4	144	2	23	0.61	<4	21	136	45	3.48	<0.01	18	1.32	562	<1	96	500	18	1.01	<5	9	<10	133	2568	<2	87	<10	14	81
23480	1342212	0.118	3	3.93	30	125	2	22	1.34	15	12	57	71	2.68	0.31	7	1.41	879	<1	61	427	472	1.71	<5	6	<10	149	1724	<2	46	70	9	3977
23481	1342213	0.099	22	4.20	27	382	<2	50	2.02	8	6	21	38	2.11	0.45	6	1.80	1205	<1	51	458	4091	1.60	<5	8	<10	130	1493	<2	31	29	6	1730
23482	1342214	0.023	1	5.15	23	339	3	6	2.22	<4	7	14	22	2.29	0.16	9	1.84	1342	<1	37	504	112	1.53	5	7	<10	125	1698	<2	34	<10	8	191
23483	1342215	0.033	2	3.41	27	447	2	17	1.97	5	6	21	103	2.04	<0.01	10	1.70	955	<1	47	408	591	1.32	<5	9	<10	107	1439	<2	28	26	6	1176
23484	1342216	0.027	2	4.37	21	577	2	31	2.22	<4	6	25	144	2.07	0.08	13	1.84	1033	<1	55	409	365	1.32	<5	8	<10	117	1496	<2	30	17	6	664
23485	1342217	0.066	<1	4.40	7	248	<2	28	0.81	<4	4	21	40	1.23	0.23	14	1.46	590	<1	48	280	107	0.72	<5	17	<10	113	1297	<2	23	13	5	331
23486	1342218	0.098	<1	3.14	16	112	2	22	0.71	<4	3	16	6	1.19	0.43	6	1.13	556	<1	37	273	34	0.84	6	5	<10	97	1114	<2	18	<10	4	128
23487D	1342218	0.016	<1	4.20	16	182	2	14	0.89	<4	4	23	6	1.25	0.62	10	1.20	578	<1	45	292	31	0.88	5	<5	<10	110	1224	<2	21	<10	5	121
23488	1342219	0.027	2	4.34	6	223	2	10	1.62	8	5	15	63	1.83	0.53	15	1.76	852	<1	41	286	1092	1.32	5	5	<10	108	1354	<2	23	46	5	2342
23489	1342220	0.221	<1	<0.01	370	>5000	<2	17	0.09	<4	6	6	28	2.61	0.53	<1	0.20	<100	3	15	<100	21	0.68	20	6	<10	97	715	<2	14	56	8	45
23490	1342221	0.027	<1	4.58	13	211	2	21	0.92	<4	4	11	9	1.21	0.73	15	1.29	432	<1	33	284	16	0.86	<5	9	<10	129	1316	3	21	<10	5	45
23491	1342222	0.021	<1	3.95	2	427	2	23	1.26	<4	4	16	19	1.36	<0.01	11	1.82	614	<1	41	273	53	0.65	<5	<5	<10	126	1219	<2	21	<10	5	115
23492	1342223	0.127	4	5.49	26	253	2	20	1.27	9	6	21	52	1.79	<0.01	17	2.03	741	<1	51	335	1013	1.17	8	10	<10	128	1418	<2	25	47	6	2718
23493	1342224	0.032	<1	5.12	4	300	2	21	0.14	<4	4	17	7	1.31	<0.01	16	1.63	492	<1	41	312	63	0.73	<5	<5	<10	98	1473	<2	24	<10	5	88
23494	1342225	0.070	<1	4.88	14	289	2	28	0.11	<4	6	15	10	1.36	<0.01	15	1.84	455	<1	36	312	37	0.75	<5	<5	<10	106	1412	4	24	<10	5	59

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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/05/2013
 Date Completed: 02/20/2013
 Job #: 201340282
 Reference: TL13-310
 Sample #: 88

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23495	1342226	0.049	<1	3.25	23	188	2	6	<0.01	<4	4	30	24	1.43	<0.01	11	1.56	419	<1	65	267	42	0.77	<5	7	<10	98	1083	<2	19	<10	5	136
23496	1342227	0.085	<1	2.50	14	216	2	14	<0.01	<4	4	21	19	1.25	0.02	8	1.03	416	<1	53	250	85	0.84	<5	8	<10	84	1092	<2	20	10	4	427
23497	1342228	0.702	2	3.76	36	128	2	8	0.04	<4	4	22	27	1.81	0.31	13	1.34	397	<1	52	373	143	1.65	5	5	<10	73	1144	<2	21	12	6	337
23498D	1342228	0.690	2	4.30	34	156	2	19	0.12	<4	4	18	29	1.93	0.66	16	1.42	420	<1	46	403	157	1.83	8	6	<10	78	1197	<2	22	10	6	362
23499	1342229	1.142	8	3.64	31	121	<2	20	<0.01	10	4	17	38	1.59	0.36	9	1.05	228	<1	48	382	733	1.53	9	8	<10	66	1192	<2	21	50	5	2971
23500	1342230	0.007	<1	3.61	8	119	2	14	1.25	<4	12	33	19	2.74	0.34	7	1.15	556	<1	29	492	15	0.43	<5	8	<10	245	2336	<2	94	21	15	83
23501	1342231	0.907	2	3.25	44	37	2	23	0.09	<4	15	91	78	2.49	0.22	10	1.25	357	<1	78	443	330	1.72	<5	8	<10	72	1409	<2	55	16	10	508
23502	1342232	0.270	2	2.66	50	<1	3	27	<0.01	<4	17	122	66	3.32	0.23	7	1.32	453	<1	105	484	405	2.17	<5	<5	<10	60	1335	<2	57	<10	9	444
23503	1342233	0.178	1	4.73	44	<1	<2	24	<0.01	<4	18	111	37	3.34	0.18	19	1.96	547	<1	78	477	99	1.66	6	<5	<10	63	1731	<2	74	<10	10	130
23504	1342234	0.153	1	6.18	60	23	2	20	0.39	<4	18	141	28	3.32	0.09	19	1.37	339	<1	102	499	85	2.48	5	<5	<10	71	1192	5	80	<10	11	88
23505	1342235	0.239	2	4.24	35	<1	2	24	<0.01	<4	15	118	27	3.21	0.03	16	1.56	427	<1	93	441	83	1.87	<5	9	<10	56	1373	<2	65	<10	9	224
23506	1342236	0.203	1	4.45	39	1	<2	38	<0.01	<4	17	106	25	3.06	0.04	17	1.49	400	<1	72	428	80	1.92	5	<5	<10	56	1331	<2	66	<10	10	176
23507	1342237	0.092	1	3.34	31	2	2	24	<0.01	<4	13	119	19	2.17	0.10	8	0.94	283	<1	102	394	78	1.31	<5	6	<10	50	1025	<2	54	<10	9	82
23508	1342238	2.004	2	4.77	52	<1	2	16	0.06	<4	17	110	18	2.91	0.11	19	1.83	365	<1	78	470	134	1.85	<5	6	<10	61	1334	<2	65	<10	10	282
23509D	1342238	1.886	2	4.22	47	<1	2	26	<0.01	<4	16	108	17	2.85	0.26	17	1.79	362	<1	79	462	128	1.75	<5	5	<10	58	1320	<2	64	13	9	285
23510	1342239	6.456	35	3.94	97	<1	2	20	<0.01	20	12	74	312	3.57	0.32	19	1.81	376	<1	78	336	2108	3.01	25	<5	<10	56	1223	<2	53	94	8	7324
23511	1342240	2.246	1	3.85	2	127	2	28	1.26	<4	15	38	31	3.17	0.29	10	1.26	611	<1	33	534	30	0.46	<5	<5	<10	232	2381	<2	101	24	15	110
23512	1342241	0.040	<1	4.09	16	18	<2	10	0.59	<4	6	12	4	1.59	0.23	17	2.08	387	<1	32	411	74	0.78	<5	7	<10	75	1064	<2	30	12	5	208
23513	1342242	0.064	<1	3.93	28	11	2	9	0.33	<4	6	11	14	1.72	0.31	18	1.99	373	<1	30	418	50	1.04	<5	<5	<10	66	1018	<2	28	<10	5	146
23514	1342243	0.032	<1	3.15	33	23	5	16	0.34	<4	7	20	4	1.85	0.65	13	2.23	398	<1	47	412	49	0.77	5	<5	<10	64	1117	<2	30	<10	4	78

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23515	1342244	0.046	<1	5.11	17	181	<2	17	0.28	<4	6	14	7	1.48	0.12	12	1.33	322	<1	35	452	51	1.08	6	16	<10	69	1263	<2	31	<10	7	69
23516	1342245	0.139	5	5.45	26	219	2	20	<0.01	5	8	27	14	1.33	0.25	10	0.72	177	<1	55	439	538	1.35	5	7	<10	66	1433	<2	32	29	7	1377
23517	1342246	0.455	2	5.22	29	207	3	11	0.61	<4	5	21	7	1.25	0.20	9	1.12	316	<1	53	299	58	1.09	<5	16	<10	80	1306	<2	23	14	6	265
23518	1342247	1.018	3	4.61	31	189	2	17	0.35	<4	5	12	11	1.23	0.02	10	0.85	271	<1	31	288	54	1.32	7	11	<10	65	1330	<2	21	<10	5	81
23519	1342248	0.070	3	9.90	34	537	3	7	1.98	<4	6	26	10	1.38	1.29	37	1.30	647	31	32	221	22	1.68	5	<5	<10	77	1527	23	24	<10	5	59
23520R	1342248	0.053	<1	9.32	27	525	2	15	1.87	<4	6	30	9	1.38	1.30	35	1.24	624	32	36	<100	24	1.56	<5	<5	<10	73	1464	<2	23	<10	5	65
23521	1342249	0.028	1	4.08	29	187	2	14	0.48	<4	7	22	20	1.23	0.25	16	0.91	478	<1	40	298	20	1.13	5	12	<10	68	1273	<2	23	<10	5	197
23522	1342250	<0.005	<1	2.23	10	62	2	13	1.05	<4	13	31	26	2.66	0.17	5	1.09	545	<1	27	468	10	0.35	<5	15	<10	206	2193	<2	89	19	14	183
23523	1342251	0.079	1	3.23	40	30	<2	16	0.07	<4	9	61	48	1.91	0.26	9	1.09	376	<1	68	352	46	1.38	<5	12	<10	65	1337	<2	37	10	8	242
23524	1342252	0.286	1	4.35	167	41	2	17	<0.01	<4	21	112	52	3.25	0.29	14	1.48	472	<1	79	444	31	1.03	<5	19	<10	65	2176	<2	76	<10	11	165
23525	1342253	0.680	4	4.21	32	35	2	22	0.05	4	23	111	80	3.18	0.26	9	1.04	481	<1	81	426	263	1.81	7	5	<10	67	1797	<2	79	14	12	528
23526	1342254	0.102	1	4.08	36	3	3	8	0.25	5	26	123	72	3.41	0.37	10	0.98	487	<1	90	455	69	1.79	5	6	<10	70	2189	<2	84	18	15	584
23527	1342255	0.368	2	4.18	99	46	2	24	0.30	4	16	79	60	2.65	0.19	10	0.82	418	<1	61	420	109	2.26	5	13	<10	66	2085	<2	64	14	12	564
23528	1342256	0.306	1	3.94	103	39	2	16	0.04	<4	16	72	50	2.56	0.16	11	0.72	342	<1	62	400	48	2.29	5	12	<10	61	2023	<2	63	16	12	302
23529	1342257	0.372	1	4.28	52	170	2	16	0.71	<4	7	11	37	1.55	0.30	11	1.02	511	<1	28	402	78	1.27	8	11	<10	79	1517	<2	32	13	6	399
23530	1342258	2.795	5	3.04	55	132	2	10	0.06	12	6	7	133	1.72	0.39	9	0.74	436	<1	28	352	774	1.86	13	7	<10	62	1302	<2	27	64	5	3588
23531D	1342258	3.104	6	2.71	69	119	2	30	0.03	12	5	9	142	1.68	0.27	8	0.71	426	<1	29	356	800	1.82	16	<5	<10	60	1251	<2	26	68	5	3728
23532	1342259	0.475	1	3.47	50	68	3	27	0.20	<4	5	10	20	1.81	0.01	9	0.93	334	<1	28	380	154	1.60	<5	<5	<10	66	1369	<2	27	11	6	277
23533	1342260	5.046	56	1.64	28	144	<2	23	0.45	21	13	22	54	2.80	0.28	3	0.80	466	<1	28	489	546	0.63	26	5	203	187	1632	<2	77	80	12	2176
23534	1342261	0.058	1	4.34	15	139	2	21	1.16	<4	7	10	14	1.35	0.12	10	1.37	650	<1	26	441	57	0.69	<5	5	<10	86	1383	<2	29	15	6	595

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23535	1342262	0.190	3	4.34	49	110	<2	12	0.44	<4	9	13	225	2.47	0.17	11	0.90	436	<1	35	418	329	2.37	<5	10	<10	69	1528	<2	30	42	7	529
23536	1342263	0.134	1	4.47	40	101	2	12	0.80	<4	8	11	38	1.79	0.21	10	1.03	570	<1	32	428	105	1.37	6	<5	<10	73	1490	<2	29	<10	7	115
23537	1342264	0.111	<1	4.87	36	152	3	25	1.41	<4	7	11	27	1.61	0.19	12	1.33	677	<1	31	454	45	0.87	<5	9	<10	92	1548	<2	30	11	7	192
23538	1342265	0.010	<1	4.40	18	167	2	25	1.52	4	7	12	26	1.62	0.21	12	1.28	532	<1	28	419	35	0.66	<5	9	<10	97	1438	<2	30	40	6	640
23539	1342266	0.013	<1	4.40	16	207	2	19	1.33	<4	7	10	15	1.54	0.29	17	1.13	500	<1	30	438	20	0.81	<5	6	<10	114	1530	<2	28	11	6	204
23540	1342267	0.034	<1	3.56	13	229	2	26	1.33	<4	8	11	14	1.65	0.25	12	1.07	544	<1	29	425	33	0.72	<5	6	<10	135	1455	<2	28	<10	5	117
23541	1342268	0.115	1	4.09	16	216	2	17	1.37	<4	7	9	53	1.65	0.32	11	1.07	577	<1	28	456	288	0.82	6	7	<10	135	1459	<2	29	<10	6	272
23542D	1342268	0.086	1	3.01	15	167	3	16	1.26	<4	8	7	52	1.63	0.12	7	1.03	570	<1	28	437	297	0.72	<5	6	<10	126	1374	<2	26	<10	5	259
23543	1342269	0.038	<1	2.88	10	148	<2	22	1.10	<4	7	5	11	1.44	0.26	5	0.95	389	<1	26	411	56	0.62	<5	6	<10	123	1490	<2	25	<10	5	124
23544	1342270	<0.005	<1	1.14	4	19	2	29	0.92	<4	11	30	19	2.63	0.03	2	1.07	530	<1	28	467	9	0.27	<5	<5	<10	171	2028	<2	86	12	13	74
23545	1342271	0.126	<1	4.59	3	279	2	8	1.26	<4	5	11	17	1.66	0.30	13	1.05	505	<1	26	451	58	0.73	5	10	<10	152	1462	<2	33	<10	7	162
23546	1342272	0.042	<1	4.25	9	278	2	10	2.34	<4	13	96	17	2.20	0.36	15	1.88	608	<1	77	1204	47	0.70	<5	8	<10	224	1945	<2	47	<10	12	76
23547	1342273	0.012	1	4.12	10	134	2	15	3.64	<4	18	332	3	2.72	0.20	18	2.99	645	<1	135	1733	15	0.72	<5	5	<10	235	2415	<2	65	<10	15	41
23548	1342274	0.054	<1	2.85	14	97	2	19	0.69	<4	8	9	2	1.43	0.13	14	1.05	522	<1	28	412	20	0.82	<5	11	<10	126	1463	<2	28	<10	6	63
23549	1342275	0.036	<1	4.17	20	83	<2	13	1.07	<4	7	9	5	1.46	0.28	15	1.15	540	<1	28	461	42	0.78	<5	7	<10	136	1536	<2	30	<10	6	89
23550	1342276	0.038	<1	4.44	24	104	3	24	1.07	<4	8	10	8	1.48	0.33	15	1.11	519	<1	29	441	44	0.89	<5	13	<10	142	1537	<2	30	14	6	418

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Dr. David Brown, VP Quality

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Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/05/2013
 Date Completed: 02/20/2013
 Job #: 201340282
 Reference: TL13-310
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23455	1342189	0.055	<1	2.83	17	11	2	15	0.12	<4	5	15	11	1.01	0.10	8	0.88	539	<1	31	392	17	0.69	<5	6	<10	89	1376	<2	26	<10	5	91
23456	1342190	0.007	<1	3.56	3	106	<2	24	1.23	<4	12	33	18	2.73	0.09	8	1.14	566	<1	28	492	8	0.42	<5	8	<10	240	2359	<2	93	19	15	50
23457	1342191	0.036	<1	5.25	7	141	2	12	0.44	<4	5	21	10	0.95	<0.01	15	0.90	514	<1	43	429	15	0.65	8	<5	<10	125	1739	<2	35	<10	7	37
23458	1342192	0.024	<1	2.50	10	39	<2	25	<0.01	<4	4	31	7	0.73	<0.01	7	0.65	335	<1	66	315	13	0.41	<5	11	<10	73	1208	<2	24	<10	4	32
23459	1342193	0.029	<1	3.45	10	67	<2	17	0.09	<4	3	27	11	0.79	<0.01	6	0.69	340	<1	59	350	12	0.47	<5	14	<10	89	1131	<2	25	<10	5	26
23460	1342194	0.056	<1	3.20	7	21	2	12	<0.01	<4	5	30	4	0.65	<0.01	5	0.55	248	<1	62	331	13	0.45	5	5	<10	72	1127	<2	25	<10	4	16
23461	1342195	1.409	15	2.98	39	<1	2	<1	<0.01	<4	4	24	177	1.01	0.26	6	0.48	146	<1	47	270	516	1.17	25	17	<10	63	1018	<2	20	24	4	1160
23462	1342196	1.695	20	3.40	46	<1	2	17	<0.01	4	4	47	215	1.25	0.46	7	0.48	142	3	96	280	781	1.25	30	6	<10	63	1067	<2	22	27	5	1292
23463	1342197	0.277	5	3.87	29	<1	2	20	<0.01	<4	6	35	35	1.38	0.34	7	0.69	359	<1	75	311	278	1.28	6	6	<10	63	1185	<2	23	17	5	909
23464	1342198	0.087	1	4.65	19	18	2	17	0.35	<4	5	32	15	1.14	0.56	9	0.99	612	<1	68	329	37	0.80	6	14	<10	95	1360	<2	24	<10	5	67
23465D	1342198	0.097	1	4.48	16	13	2	25	0.33	<4	5	26	14	1.08	0.43	9	0.97	596	<1	56	332	36	0.78	<5	8	<10	94	1339	<2	24	<10	5	61
23466	1342199	0.178	2	4.79	18	17	<2	15	0.12	<4	5	39	39	1.34	0.45	10	0.85	478	<1	84	340	38	1.05	6	8	<10	88	1378	<2	25	<10	6	104
23467	1342200	5.035	54	3.09	33	171	2	22	0.54	19	13	22	46	2.75	<0.01	7	0.80	449	<1	26	479	529	0.70	41	5	200	213	1687	<2	78	67	13	1647
23468	1342201	0.023	1	4.69	26	20	2	32	0.50	<4	4	27	6	1.21	<0.01	10	1.05	625	<1	55	343	38	0.87	5	9	<10	96	1379	<2	26	10	6	79
23469	1342202	<0.005	<1	2.58	7	<1	3	15	1.31	<4	4	21	5	1.43	<0.01	2	1.68	1190	<1	50	300	21	0.38	<5	7	<10	96	1047	3	21	<10	4	48
23470	1342203	0.106	<1	4.13	38	<1	2	28	<0.01	<4	3	17	8	1.34	<0.01	9	0.74	385	<1	44	318	11	1.26	<5	8	<10	62	1221	<2	22	<10	5	37
23471	1342204	0.042	1	4.12	24	<1	2	23	1.00	<4	3	23	25	1.47	<0.01	8	1.22	1223	<1	42	292	10	1.10	6	5	<10	89	1148	<2	21	<10	5	51
23472	1342205	0.080	<1	4.07	29	<1	2	17	3.78	<4	4	22	4	2.21	0.17	6	2.51	2624	<1	50	296	13	1.53	6	15	<10	135	1082	4	25	10	6	38
23473	1342206	1.304	1	5.41	23	146	2	23	0.35	<4	4	21	18	1.41	0.08	14	1.00	616	<1	45	320	11	1.34	6	8	<10	126	1266	<2	23	<10	6	36
23474	1342207	0.092	1	5.11	20	603	2	17	0.59	<4	5	25	12	1.54	0.41	13	1.06	466	<1	49	346	37	1.33	<5	6	<10	111	1275	<2	24	<10	6	86

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23475	1342208	0.238	5	4.69	43	255	3	18	0.32	<4	13	62	35	2.05	0.34	10	0.73	307	<1	76	503	958	1.93	<5	6	<10	183	1814	<2	45	10	8	219
23476D	1342208	0.141	5	4.95	33	272	3	13	0.35	<4	13	56	37	2.04	0.45	11	0.74	305	<1	72	510	974	1.97	6	<5	<10	186	1888	<2	46	11	9	250
23477	1342209	0.012	<1	4.02	7	108	2	19	0.96	<4	14	92	37	2.52	0.64	12	0.90	412	<1	64	447	35	0.92	<5	7	<10	153	2081	<2	58	<10	11	76
23478	1342210	<0.005	<1	2.42	3	79	<2	10	1.08	<4	13	32	18	2.65	0.46	4	1.09	534	<1	27	476	6	0.33	<5	7	<10	219	2162	<2	90	18	14	49
23479	1342211	0.280	1	5.36	4	144	2	23	0.61	<4	21	136	45	3.48	<0.01	18	1.32	562	<1	96	500	18	1.01	<5	9	<10	133	2568	<2	87	<10	14	81
23480	1342212	0.118	3	3.93	30	125	2	22	1.34	15	12	57	71	2.68	0.31	7	1.41	879	<1	61	427	472	1.71	<5	6	<10	149	1724	<2	46	70	9	3977
23481	1342213	0.099	22	4.20	27	382	<2	50	2.02	8	6	21	38	2.11	0.45	6	1.80	1205	<1	51	458	4091	1.60	<5	8	<10	130	1493	<2	31	29	6	1730
23482	1342214	0.023	1	5.15	23	339	3	6	2.22	<4	7	14	22	2.29	0.16	9	1.84	1342	<1	37	504	112	1.53	5	7	<10	125	1698	<2	34	<10	8	191
23483	1342215	0.033	2	3.41	27	447	2	17	1.97	5	6	21	103	2.04	<0.01	10	1.70	955	<1	47	408	591	1.32	<5	9	<10	107	1439	<2	28	26	6	1176
23484	1342216	0.027	2	4.37	21	577	2	31	2.22	<4	6	25	144	2.07	0.08	13	1.84	1033	<1	55	409	365	1.32	<5	8	<10	117	1496	<2	30	17	6	664
23485	1342217	0.066	<1	4.40	7	248	<2	28	0.81	<4	4	21	40	1.23	0.23	14	1.46	590	<1	48	280	107	0.72	<5	17	<10	113	1297	<2	23	13	5	331
23486	1342218	0.098	<1	3.14	16	112	2	22	0.71	<4	3	16	6	1.19	0.43	6	1.13	556	<1	37	273	34	0.84	6	5	<10	97	1114	<2	18	<10	4	128
23487D	1342218	0.016	<1	4.20	16	182	2	14	0.89	<4	4	23	6	1.25	0.62	10	1.20	578	<1	45	292	31	0.88	5	<5	<10	110	1224	<2	21	<10	5	121
23488	1342219	0.027	2	4.34	6	223	2	10	1.62	8	5	15	63	1.83	0.53	15	1.76	852	<1	41	286	1092	1.32	5	5	<10	108	1354	<2	23	46	5	2342
23489	1342220	0.221	<1	<0.01	370	>5000	<2	17	0.09	<4	6	6	28	2.61	0.53	<1	0.20	<100	3	15	<100	21	0.68	20	6	<10	97	715	<2	14	56	8	45
23490	1342221	0.027	<1	4.58	13	211	2	21	0.92	<4	4	11	9	1.21	0.73	15	1.29	432	<1	33	284	16	0.86	<5	9	<10	129	1316	3	21	<10	5	45
23491	1342222	0.021	<1	3.95	2	427	2	23	1.26	<4	4	16	19	1.36	<0.01	11	1.82	614	<1	41	273	53	0.65	<5	<5	<10	126	1219	<2	21	<10	5	115
23492	1342223	0.127	4	5.49	26	253	2	20	1.27	9	6	21	52	1.79	<0.01	17	2.03	741	<1	51	335	1013	1.17	8	10	<10	128	1418	<2	25	47	6	2718
23493	1342224	0.032	<1	5.12	4	300	2	21	0.14	<4	4	17	7	1.31	<0.01	16	1.63	492	<1	41	312	63	0.73	<5	<5	<10	98	1473	<2	24	<10	5	88
23494	1342225	0.070	<1	4.88	14	289	2	28	0.11	<4	6	15	10	1.36	<0.01	15	1.84	455	<1	36	312	37	0.75	<5	<5	<10	106	1412	4	24	<10	5	59

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23495	1342226	0.049	<1	3.25	23	188	2	6	<0.01	<4	4	30	24	1.43	<0.01	11	1.56	419	<1	65	267	42	0.77	<5	7	<10	98	1083	<2	19	<10	5	136
23496	1342227	0.085	<1	2.50	14	216	2	14	<0.01	<4	4	21	19	1.25	0.02	8	1.03	416	<1	53	250	85	0.84	<5	8	<10	84	1092	<2	20	10	4	427
23497	1342228	0.702	2	3.76	36	128	2	8	0.04	<4	4	22	27	1.81	0.31	13	1.34	397	<1	52	373	143	1.65	5	5	<10	73	1144	<2	21	12	6	337
23498D	1342228	0.690	2	4.30	34	156	2	19	0.12	<4	4	18	29	1.93	0.66	16	1.42	420	<1	46	403	157	1.83	8	6	<10	78	1197	<2	22	10	6	362
23499	1342229	1.142	8	3.64	31	121	<2	20	<0.01	10	4	17	38	1.59	0.36	9	1.05	228	<1	48	382	733	1.53	9	8	<10	66	1192	<2	21	50	5	2971
23500	1342230	0.007	<1	3.61	8	119	2	14	1.25	<4	12	33	19	2.74	0.34	7	1.15	556	<1	29	492	15	0.43	<5	8	<10	245	2336	<2	94	21	15	83
23501	1342231	0.907	2	3.25	44	37	2	23	0.09	<4	15	91	78	2.49	0.22	10	1.25	357	<1	78	443	330	1.72	<5	8	<10	72	1409	<2	55	16	10	508
23502	1342232	0.270	2	2.66	50	<1	3	27	<0.01	<4	17	122	66	3.32	0.23	7	1.32	453	<1	105	484	405	2.17	<5	<5	<10	60	1335	<2	57	<10	9	444
23503	1342233	0.178	1	4.73	44	<1	<2	24	<0.01	<4	18	111	37	3.34	0.18	19	1.96	547	<1	78	477	99	1.66	6	<5	<10	63	1731	<2	74	<10	10	130
23504	1342234	0.153	1	6.18	60	23	2	20	0.39	<4	18	141	28	3.32	0.09	19	1.37	339	<1	102	499	85	2.48	5	<5	<10	71	1192	5	80	<10	11	88
23505	1342235	0.239	2	4.24	35	<1	2	24	<0.01	<4	15	118	27	3.21	0.03	16	1.56	427	<1	93	441	83	1.87	<5	9	<10	56	1373	<2	65	<10	9	224
23506	1342236	0.203	1	4.45	39	1	<2	38	<0.01	<4	17	106	25	3.06	0.04	17	1.49	400	<1	72	428	80	1.92	5	<5	<10	56	1331	<2	66	<10	10	176
23507	1342237	0.092	1	3.34	31	2	2	24	<0.01	<4	13	119	19	2.17	0.10	8	0.94	283	<1	102	394	78	1.31	<5	6	<10	50	1025	<2	54	<10	9	82
23508	1342238	2.004	2	4.77	52	<1	2	16	0.06	<4	17	110	18	2.91	0.11	19	1.83	365	<1	78	470	134	1.85	<5	6	<10	61	1334	<2	65	<10	10	282
23509D	1342238	1.886	2	4.22	47	<1	2	26	<0.01	<4	16	108	17	2.85	0.26	17	1.79	362	<1	79	462	128	1.75	<5	5	<10	58	1320	<2	64	13	9	285
23510	1342239	6.456	35	3.94	97	<1	2	20	<0.01	20	12	74	312	3.57	0.32	19	1.81	376	<1	78	336	2108	3.01	25	<5	<10	56	1223	<2	53	94	8	7324
23511	1342240	2.246	1	3.85	2	127	2	28	1.26	<4	15	38	31	3.17	0.29	10	1.26	611	<1	33	534	30	0.46	<5	<5	<10	232	2381	<2	101	24	15	110
23512	1342241	0.040	<1	4.09	16	18	<2	10	0.59	<4	6	12	4	1.59	0.23	17	2.08	387	<1	32	411	74	0.78	<5	7	<10	75	1064	<2	30	12	5	208
23513	1342242	0.064	<1	3.93	28	11	2	9	0.33	<4	6	11	14	1.72	0.31	18	1.99	373	<1	30	418	50	1.04	<5	<5	<10	66	1018	<2	28	<10	5	146
23514	1342243	0.032	<1	3.15	33	23	5	16	0.34	<4	7	20	4	1.85	0.65	13	2.23	398	<1	47	412	49	0.77	5	<5	<10	64	1117	<2	30	<10	4	78

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23515	1342244	0.046	<1	5.11	17	181	<2	17	0.28	<4	6	14	7	1.48	0.12	12	1.33	322	<1	35	452	51	1.08	6	16	<10	69	1263	<2	31	<10	7	69
23516	1342245	0.139	5	5.45	26	219	2	20	<0.01	5	8	27	14	1.33	0.25	10	0.72	177	<1	55	439	538	1.35	5	7	<10	66	1433	<2	32	29	7	1377
23517	1342246	0.455	2	5.22	29	207	3	11	0.61	<4	5	21	7	1.25	0.20	9	1.12	316	<1	53	299	58	1.09	<5	16	<10	80	1306	<2	23	14	6	265
23518	1342247	1.018	3	4.61	31	189	2	17	0.35	<4	5	12	11	1.23	0.02	10	0.85	271	<1	31	288	54	1.32	7	11	<10	65	1330	<2	21	<10	5	81
23519	1342248	0.070	3	9.90	34	537	3	7	1.98	<4	6	26	10	1.38	1.29	37	1.30	647	31	32	221	22	1.68	5	<5	<10	77	1527	23	24	<10	5	59
23520R	1342248	0.053	<1	9.32	27	525	2	15	1.87	<4	6	30	9	1.38	1.30	35	1.24	624	32	36	<100	24	1.56	<5	<5	<10	73	1464	<2	23	<10	5	65
23521	1342249	0.028	1	4.08	29	187	2	14	0.48	<4	7	22	20	1.23	0.25	16	0.91	478	<1	40	298	20	1.13	5	12	<10	68	1273	<2	23	<10	5	197
23522	1342250	<0.005	<1	2.23	10	62	2	13	1.05	<4	13	31	26	2.66	0.17	5	1.09	545	<1	27	468	10	0.35	<5	15	<10	206	2193	<2	89	19	14	183
23523	1342251	0.079	1	3.23	40	30	<2	16	0.07	<4	9	61	48	1.91	0.26	9	1.09	376	<1	68	352	46	1.38	<5	12	<10	65	1337	<2	37	10	8	242
23524	1342252	0.286	1	4.35	167	41	2	17	<0.01	<4	21	112	52	3.25	0.29	14	1.48	472	<1	79	444	31	1.03	<5	19	<10	65	2176	<2	76	<10	11	165
23525	1342253	0.680	4	4.21	32	35	2	22	0.05	4	23	111	80	3.18	0.26	9	1.04	481	<1	81	426	263	1.81	7	5	<10	67	1797	<2	79	14	12	528
23526	1342254	0.102	1	4.08	36	3	3	8	0.25	5	26	123	72	3.41	0.37	10	0.98	487	<1	90	455	69	1.79	5	6	<10	70	2189	<2	84	18	15	584
23527	1342255	0.368	2	4.18	99	46	2	24	0.30	4	16	79	60	2.65	0.19	10	0.82	418	<1	61	420	109	2.26	5	13	<10	66	2085	<2	64	14	12	564
23528	1342256	0.306	1	3.94	103	39	2	16	0.04	<4	16	72	50	2.56	0.16	11	0.72	342	<1	62	400	48	2.29	5	12	<10	61	2023	<2	63	16	12	302
23529	1342257	0.372	1	4.28	52	170	2	16	0.71	<4	7	11	37	1.55	0.30	11	1.02	511	<1	28	402	78	1.27	8	11	<10	79	1517	<2	32	13	6	399
23530	1342258	2.795	5	3.04	55	132	2	10	0.06	12	6	7	133	1.72	0.39	9	0.74	436	<1	28	352	774	1.86	13	7	<10	62	1302	<2	27	64	5	3588
23531D	1342258	3.104	6	2.71	69	119	2	30	0.03	12	5	9	142	1.68	0.27	8	0.71	426	<1	29	356	800	1.82	16	<5	<10	60	1251	<2	26	68	5	3728
23532	1342259	0.475	1	3.47	50	68	3	27	0.20	<4	5	10	20	1.81	0.01	9	0.93	334	<1	28	380	154	1.60	<5	<5	<10	66	1369	<2	27	11	6	277
23533	1342260	5.046	56	1.64	28	144	<2	23	0.45	21	13	22	54	2.80	0.28	3	0.80	466	<1	28	489	546	0.63	26	5	203	187	1632	<2	77	80	12	2176
23534	1342261	0.058	1	4.34	15	139	2	21	1.16	<4	7	10	14	1.35	0.12	10	1.37	650	<1	26	441	57	0.69	<5	5	<10	86	1383	<2	29	15	6	595

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: _____
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Thursday, May 2, 2013

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/05/2013
 Date Completed: 02/20/2013
 Job #: 201340282
 Reference: TL13-310
 Sample #: 88

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23535	1342262	0.190	3	4.34	49	110	<2	12	0.44	<4	9	13	225	2.47	0.17	11	0.90	436	<1	35	418	329	2.37	<5	10	<10	69	1528	<2	30	42	7	529
23536	1342263	0.134	1	4.47	40	101	2	12	0.80	<4	8	11	38	1.79	0.21	10	1.03	570	<1	32	428	105	1.37	6	<5	<10	73	1490	<2	29	<10	7	115
23537	1342264	0.111	<1	4.87	36	152	3	25	1.41	<4	7	11	27	1.61	0.19	12	1.33	677	<1	31	454	45	0.87	<5	9	<10	92	1548	<2	30	11	7	192
23538	1342265	0.010	<1	4.40	18	167	2	25	1.52	4	7	12	26	1.62	0.21	12	1.28	532	<1	28	419	35	0.66	<5	9	<10	97	1438	<2	30	40	6	640
23539	1342266	0.013	<1	4.40	16	207	2	19	1.33	<4	7	10	15	1.54	0.29	17	1.13	500	<1	30	438	20	0.81	<5	6	<10	114	1530	<2	28	11	6	204
23540	1342267	0.034	<1	3.56	13	229	2	26	1.33	<4	8	11	14	1.65	0.25	12	1.07	544	<1	29	425	33	0.72	<5	6	<10	135	1455	<2	28	<10	5	117
23541	1342268	0.115	1	4.09	16	216	2	17	1.37	<4	7	9	53	1.65	0.32	11	1.07	577	<1	28	456	288	0.82	6	7	<10	135	1459	<2	29	<10	6	272
23542D	1342268	0.086	1	3.01	15	167	3	16	1.26	<4	8	7	52	1.63	0.12	7	1.03	570	<1	28	437	297	0.72	<5	6	<10	126	1374	<2	26	<10	5	259
23543	1342269	0.038	<1	2.88	10	148	<2	22	1.10	<4	7	5	11	1.44	0.26	5	0.95	389	<1	26	411	56	0.62	<5	6	<10	123	1490	<2	25	<10	5	124
23544	1342270	<0.005	<1	1.14	4	19	2	29	0.92	<4	11	30	19	2.63	0.03	2	1.07	530	<1	28	467	9	0.27	<5	<5	<10	171	2028	<2	86	12	13	74
23545	1342271	0.126	<1	4.59	3	279	2	8	1.26	<4	5	11	17	1.66	0.30	13	1.05	505	<1	26	451	58	0.73	5	10	<10	152	1462	<2	33	<10	7	162
23546	1342272	0.042	<1	4.25	9	278	2	10	2.34	<4	13	96	17	2.20	0.36	15	1.88	608	<1	77	1204	47	0.70	<5	8	<10	224	1945	<2	47	<10	12	76
23547	1342273	0.012	1	4.12	10	134	2	15	3.64	<4	18	332	3	2.72	0.20	18	2.99	645	<1	135	1733	15	0.72	<5	5	<10	235	2415	<2	65	<10	15	41
23548	1342274	0.054	<1	2.85	14	97	2	19	0.69	<4	8	9	2	1.43	0.13	14	1.05	522	<1	28	412	20	0.82	<5	11	<10	126	1463	<2	28	<10	6	63
23549	1342275	0.036	<1	4.17	20	83	<2	13	1.07	<4	7	9	5	1.46	0.28	15	1.15	540	<1	28	461	42	0.78	<5	7	<10	136	1536	<2	30	<10	6	89
23550	1342276	0.038	<1	4.44	24	104	3	24	1.07	<4	8	10	8	1.48	0.33	15	1.11	519	<1	29	441	44	0.89	<5	13	<10	142	1537	<2	30	14	6	418

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By:

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Wednesday, December 16, 2015

Final Certificate

 Treasury Metals Inc
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 Date Received: 02/20/2013
 Date Completed: 02/28/2013
 Job #: 201340390
 Reference: TL 13-310
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
31357	1342239	5.780	5.643	15.065	6.179	5.00%	49.71

APPLIED SCOPES: ALPM1

Validated By:



Derek Demianiuk, VP Quality

Certified By:

Murphy

Authorized By:



Derek Demianiuk, VP Quality

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The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Friday, March 1, 2013


Final Certificate

Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23709	1342277	0.028	2	4.73	23	403	2	7	0.86	<4	5	7	6	0.88	0.47	12	0.79	435	<1	27	519	28	0.64	7	11	<10	127	1598	<2	28	<10	5	89
23710	1342278	0.007	1	3.13	<2	376	2	23	0.88	<4	4	14	11	1.11	0.25	5	0.90	368	<1	41	553	13	0.46	5	6	<10	96	1474	<2	27	<10	5	32
23711	1342279	0.007	1	3.57	6	434	2	16	1.15	<4	5	18	23	1.42	0.29	7	0.86	504	<1	48	563	34	0.57	9	12	<10	117	1509	<2	26	<10	5	55
23712	1342280	0.235	2	<0.01	353	>5000	<2	6	0.46	<4	7	9	28	2.52	<0.01	<1	0.07	<100	2	15	<100	18	0.57	15	<5	<10	87	534	2	13	54	5	29
23713	1342281	0.042	1	2.83	22	588	2	9	0.89	<4	5	19	10	1.46	0.22	4	0.77	503	<1	48	488	40	0.83	5	12	<10	101	1308	<2	23	<10	4	52
23714	1342282	0.174	1	3.76	22	345	2	16	0.78	<4	5	16	14	1.25	0.15	9	0.78	620	<1	41	492	37	0.90	<5	10	<10	87	1464	<2	25	<10	5	74
23715	1342283	0.151	2	3.85	26	299	2	23	0.88	<4	6	15	17	1.49	0.20	8	0.75	580	<1	36	423	52	1.06	<5	6	<10	87	1433	<2	24	<10	4	123
23716	1342284	0.033	2	4.60	15	386	<2	7	1.19	<4	5	24	22	1.37	0.10	9	0.82	626	<1	53	436	120	0.86	<5	10	<10	106	1482	<2	24	16	4	525
23717	1342285	0.105	4	3.19	21	327	2	10	0.28	<4	3	45	42	1.25	0.40	6	0.43	314	<1	64	306	1070	1.08	<5	8	<10	79	1174	<2	21	22	4	1142
23718	1342286	0.043	1	3.07	11	282	<2	8	0.38	<4	5	30	9	1.33	0.34	7	0.62	558	<1	62	419	65	0.81	<5	9	<10	86	1453	<2	25	<10	4	117
23719D	1342286	0.037	1	4.18	15	360	<2	19	0.63	<4	4	34	9	1.35	0.49	10	0.64	574	<1	65	426	44	0.88	6	9	<10	100	1583	<2	26	<10	4	100
23720	1342287	0.248	2	4.43	25	579	2	23	0.54	<4	3	18	23	1.19	0.62	10	0.60	395	<1	39	403	93	1.02	<5	6	<10	97	1467	<2	25	<10	4	235
23721	1342288	0.078	1	4.10	17	285	2	8	0.23	<4	5	25	57	1.06	0.57	7	0.58	442	<1	42	380	24	0.79	<5	18	<10	75	1300	<2	26	<10	4	53
23722	1342289	0.131	1	2.39	26	259	<2	19	0.07	<4	10	9	47	0.93	0.40	6	0.51	381	<1	37	377	42	0.83	5	6	<10	76	1212	<2	22	<10	3	213
23723	1342290	<0.005	1	2.90	2	250	2	8	1.59	<4	12	36	21	2.71	0.33	5	1.02	549	<1	30	498	10	0.35	6	7	<10	237	2253	<2	93	17	13	52
23724	1342291	0.084	1	1.17	9	140	2	12	0.05	<4	5	41	25	0.85	0.47	2	0.44	341	<1	74	312	67	0.59	<5	8	<10	72	873	<2	18	17	3	776
23725	1342292	0.165	2	2.62	22	247	<2	19	0.27	<4	6	21	27	1.15	0.21	6	0.60	429	<1	54	451	212	1.00	<5	13	<10	92	1135	<2	22	<10	4	346
23726	1342293	0.055	1	3.68	26	359	2	17	0.39	<4	6	17	11	1.08	<0.01	9	0.56	435	<1	45	471	37	1.00	5	<5	<10	100	1325	<2	27	<10	4	49
23727	1342294	0.046	2	3.90	36	329	<2	12	0.20	<4	24	16	16	1.16	0.30	10	0.45	348	<1	68	484	38	1.11	<5	5	<10	107	1398	<2	28	<10	4	69
23728	1342295	0.107	2	1.61	20	161	2	16	<0.01	<4	20	20	25	1.28	0.06	2	0.49	445	<1	74	393	102	1.04	6	<5	<10	85	1097	<2	25	<10	3	345

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Dr. David Brown, VP Quality

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Friday, March 1, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23729	1342296	0.185	2	3.41	32	226	2	18	0.17	<4	19	30	29	1.28	0.23	6	0.49	432	<1	84	426	53	1.07	<5	8	<10	112	1162	<2	26	<10	4	179
23730D	1342296	0.096	2	2.29	22	196	<2	16	<0.01	<4	19	30	28	1.24	0.30	4	0.46	416	<1	83	414	50	1.01	7	<5	<10	93	1087	<2	25	<10	3	162
23731	1342297	0.085	2	3.02	23	222	<2	19	0.18	<4	17	24	9	1.34	0.32	6	0.49	405	<1	72	408	32	1.21	<5	11	<10	106	1145	<2	26	<10	4	86
23732	1342298	0.093	2	3.24	22	352	<2	7	0.03	<4	14	22	12	1.12	0.20	12	0.52	394	<1	55	493	29	0.84	<5	<5	<10	89	1600	<2	32	<10	4	76
23733	1342299	0.023	2	2.91	4	232	<2	3	0.40	<4	8	22	9	1.45	0.40	9	0.66	612	<1	44	390	14	0.60	<5	9	<10	103	1463	<2	28	<10	5	44
23734	1342300	2.122	1	2.81	12	252	2	24	1.56	<4	14	38	28	3.09	0.28	6	1.12	603	<1	31	530	10	0.34	<5	10	<10	227	2250	<2	100	22	13	54
23735	1342301	0.074	1	3.33	11	234	<2	10	0.42	<4	6	25	9	1.24	0.31	10	0.55	397	<1	44	386	17	0.68	<5	<5	<10	113	1483	<2	30	<10	5	31
23736	1342302	<0.005	1	3.06	8	219	2	19	0.41	<4	4	15	2	1.05	0.35	9	0.53	271	<1	25	367	6	0.69	5	6	<10	109	1229	<2	29	<10	4	21
23737	1342303	0.012	1	1.15	<2	154	<2	23	0.06	<4	6	16	10	1.55	0.21	5	0.53	321	<1	30	360	9	0.41	<5	6	<10	88	1325	<2	30	<10	4	37
23738	1342304	0.084	2	3.02	4	232	<2	13	0.47	<4	13	13	15	1.61	0.09	10	0.61	459	<1	30	349	14	0.80	<5	8	<10	109	1305	<2	31	<10	5	41
23739	1342305	0.068	2	4.34	13	270	2	26	0.33	<4	6	13	18	1.06	0.26	11	0.47	375	<1	22	407	40	0.87	5	6	<10	122	1418	<2	32	<10	5	60
23740	1342306	0.172	2	4.76	15	301	3	9	0.35	<4	9	11	18	0.88	0.16	12	0.50	376	<1	25	424	45	0.83	<5	5	<10	131	1485	<2	31	<10	4	78
23741D	1342306	0.246	2	4.01	19	268	2	13	0.19	<4	8	11	18	0.88	0.10	11	0.49	370	<1	25	420	41	0.78	<5	9	<10	113	1442	2	30	<10	4	83
23742	1342307	0.038	2	3.01	19	180	<2	15	0.34	<4	11	16	17	1.12	0.31	7	0.69	685	<1	32	392	26	0.81	<5	10	<10	108	1208	<2	33	<10	5	90
23743	1342308	0.098	1	0.99	9	18	2	15	0.12	<4	2	2	9	0.69	0.22	1	0.47	401	<1	17	194	16	0.51	<5	11	<10	83	596	<2	15	<10	3	70
23744	1342309	0.092	2	3.41	14	139	2	5	0.30	<4	4	20	14	1.40	0.18	11	0.93	746	<1	38	327	31	0.58	<5	5	<10	110	1126	<2	32	<10	4	88
23745	1342310	<0.005	1	2.88	6	254	2	14	1.58	<4	12	36	21	2.73	0.24	5	1.04	567	<1	28	496	9	0.33	<5	<5	<10	241	2303	<2	94	16	13	72
23746	1342311	0.086	1	3.30	10	196	2	26	0.44	<4	3	11	7	0.86	0.30	8	0.75	570	<1	25	331	23	0.60	5	5	<10	110	1238	<2	27	<10	4	37
23747	1342312	14.565	585	2.99	150	199	2	11	0.39	<4	5	37	182	1.41	0.29	8	0.63	423	<1	43	285	1316	1.49	105	<5	<10	103	1173	<2	33	14	4	875
23748	1342313	0.123	10	4.04	24	206	2	29	0.38	<4	7	22	15	2.19	0.31	11	0.62	383	<1	37	324	74	2.26	6	<5	<10	103	1383	<2	34	<10	4	79

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Dr. David Brown, VP Quality

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Friday, March 1, 2013


Final Certificate

 Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23749	1342314	0.058	3	4.04	34	202	2	18	0.48	<4	21	18	9	1.85	0.36	8	0.72	514	<1	49	368	35	1.73	<5	<5	<10	109	1472	<2	37	<10	4	174
23750	1342315	0.211	2	3.58	21	162	<2	21	0.52	<4	8	19	21	1.30	0.29	10	0.86	609	<1	35	357	61	0.96	<5	5	<10	103	1295	<2	33	<10	5	194
23751	1342316	0.309	2	3.82	27	203	<2	8	0.49	<4	10	26	27	1.58	0.30	12	0.92	643	<1	40	377	61	1.20	5	12	<10	103	1426	<2	36	10	5	101
23752D	1342316	0.366	3	3.85	36	202	<2	8	0.52	<4	10	27	25	1.51	0.40	12	0.88	607	<1	45	363	60	1.16	<5	8	<10	104	1376	3	37	<10	5	97
23753	1342317	0.149	2	3.53	18	179	2	5	0.64	<4	5	18	17	1.09	0.39	8	0.74	561	<1	28	335	64	0.78	5	<5	<10	98	1439	<2	32	<10	4	38
23754	1342318	0.234	1	2.91	11	185	<2	18	0.33	<4	2	16	16	0.74	0.32	6	0.61	434	<1	33	299	19	0.53	5	9	<10	83	1198	<2	29	<10	3	19
23755	1342319	0.079	1	2.71	4	179	<2	12	0.34	<4	2	29	8	0.66	<0.01	6	0.46	285	<1	41	255	13	0.54	<5	8	<10	79	1022	<2	28	<10	3	16
23756	1342320	5.307	52	2.20	37	304	<2	27	0.80	17	12	23	45	2.61	0.15	3	0.64	422	<1	25	452	500	0.60	36	<5	185	205	1569	<2	73	62	11	1557
23757	1342321	0.141	2	3.73	11	216	<2	19	0.46	<4	2	15	19	0.92	0.01	9	0.63	385	<1	30	336	17	0.64	<5	8	<10	91	1336	<2	30	<10	4	45
23758	1342322	0.122	2	4.57	17	252	<2	18	0.80	<4	4	26	16	1.25	0.14	11	0.75	454	<1	42	338	21	0.83	<5	7	<10	106	1426	<2	36	<10	5	35
23759	1342323	0.027	2	4.67	6	220	2	4	0.58	<4	6	19	11	1.32	0.07	12	0.83	480	<1	32	379	21	0.72	<5	6	<10	107	1651	<2	36	<10	5	35
23760	1342324	0.033	2	4.14	6	195	<2	20	0.69	<4	6	24	11	1.48	0.28	11	0.92	570	<1	37	359	25	0.72	<5	8	<10	113	1517	<2	36	<10	5	38
23761	1342325	0.008	2	3.96	13	199	<2	21	0.63	<4	7	27	11	1.50	0.27	11	0.90	546	<1	42	373	18	0.65	5	<5	<10	107	1609	<2	39	<10	5	31
23762	1342326	0.050	3	4.18	8	198	<2	25	0.93	<4	5	19	9	1.35	0.47	11	0.98	521	<1	35	385	20	0.63	<5	6	<10	118	1582	<2	36	<10	5	38
23763D	1342326	0.057	3	3.94	9	186	2	15	0.90	<4	6	20	9	1.32	0.37	10	0.95	505	<1	35	375	21	0.61	7	5	<10	117	1549	<2	36	<10	5	36
23764	1342327	0.045	2	3.69	21	167	<2	24	0.81	<4	4	19	17	1.24	0.44	7	0.86	514	<1	45	326	26	0.77	<5	10	<10	108	1238	<2	33	<10	4	27
23765	1342328	0.051	2	3.87	6	195	2	17	0.87	<4	3	17	18	1.17	0.58	7	0.73	571	<1	33	340	20	0.62	<5	<5	<10	107	1328	<2	30	<10	4	41
23766	1342329	0.047	2	3.27	7	158	<2	17	0.56	<4	5	14	11	1.15	0.42	6	0.64	433	<1	36	336	15	0.53	<5	18	<10	91	1324	<2	30	<10	4	33
23767	1342330	0.012	1	2.48	8	225	2	20	1.50	<4	12	35	19	2.70	<0.01	4	1.01	552	<1	29	488	7	0.32	<5	<5	<10	223	2252	<2	91	17	13	47
23768	1342331	0.125	2	3.49	11	190	<2	26	0.88	<4	4	13	6	1.24	<0.01	7	0.75	438	<1	32	323	19	0.56	<5	6	<10	100	1285	<2	30	<10	4	50

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 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23769	1342332	0.024	2	3.25	11	165	<2	8	0.79	<4	5	15	4	1.30	<0.01	7	0.74	404	<1	32	344	11	0.52	5	5	<10	96	1329	<2	30	<10	4	33
23770	1342333	0.168	2	4.13	20	161	2	22	0.75	<4	6	27	10	1.31	<0.01	8	0.69	368	<1	45	345	30	0.83	5	6	<10	101	1319	<2	33	<10	4	112
23771	1342334	0.020	2	4.42	3	161	<2	10	1.02	<4	4	17	5	1.14	0.15	8	0.88	417	<1	37	329	17	0.50	6	<5	<10	103	1269	<2	31	<10	4	31
23772	1342335	0.034	2	4.31	7	176	2	17	0.69	<4	4	6	4	0.91	0.07	8	0.86	414	<1	21	335	17	0.55	<5	7	<10	83	1231	<2	23	<10	4	23
23773	1342336	0.029	1	4.17	12	162	2	18	0.65	<4	4	7	3	0.90	0.60	7	0.87	427	<1	24	320	15	0.51	<5	7	<10	80	1250	<2	23	<10	4	22
23774R	1342336	0.025	2	4.13	17	169	<2	14	0.69	<4	3	8	3	0.87	0.39	7	0.86	431	<1	22	326	19	0.52	6	8	<10	83	1217	<2	21	<10	4	22
23775	1342337	0.100	2	4.18	11	140	<2	31	0.51	<4	4	8	3	1.10	0.37	7	1.28	534	<1	24	325	23	0.57	<5	<5	<10	82	1162	<2	21	<10	4	36
23776	1342338	0.037	2	4.84	3	143	2	15	0.90	<4	5	11	4	1.40	0.45	10	1.77	744	<1	29	339	23	0.56	<5	10	<10	95	1228	2	22	<10	4	54
23777	1342339	0.018	2	4.37	3	144	2	17	0.55	<4	3	13	2	1.32	0.58	8	1.43	572	<1	31	344	16	0.47	<5	8	<10	83	1262	<2	23	<10	4	29
23778	1342340	0.257	2	<0.01	356	>5000	<2	27	0.50	<4	6	10	27	2.51	0.08	<1	0.08	<100	2	14	<100	19	0.60	16	7	<10	100	662	<2	13	51	5	24
23779	1342341	0.008	2	4.38	10	297	<2	8	0.85	<4	3	11	5	1.50	0.09	10	1.62	783	<1	27	340	9	0.58	5	10	<10	84	1223	<2	22	<10	4	39
23780	1342342	<0.005	2	5.24	19	188	2	19	1.38	<4	4	17	4	1.30	0.20	10	1.08	874	<1	31	365	12	0.76	<5	6	<10	94	1370	<2	26	<10	4	15
23781	1342343	0.097	2	5.13	15	184	2	13	1.28	<4	5	18	8	1.32	<0.01	11	1.04	830	<1	25	355	14	0.76	5	12	<10	91	1337	<2	25	<10	5	21
23782	1342344	0.005	1	4.03	9	112	<2	24	1.23	<4	4	18	5	1.59	<0.01	8	1.12	1118	<1	32	325	11	0.70	<5	10	<10	83	1267	<2	26	<10	4	19
23783	1342345	0.011	1	4.01	13	110	2	6	1.43	<4	3	16	2	1.26	<0.01	7	1.15	950	<1	31	303	15	0.49	<5	7	<10	88	1064	2	21	<10	4	21
23784	1342346	<0.005	1	5.05	5	166	2	9	1.49	<4	4	15	3	1.33	0.37	9	1.09	854	<1	34	340	13	0.62	<5	10	<10	94	1247	<2	24	<10	4	17
23785D	1342346	0.006	1	4.50	14	141	2	5	1.35	<4	3	15	3	1.30	0.42	8	1.05	831	<1	35	325	12	0.57	6	6	<10	89	1224	<2	24	<10	4	14
23786	1342347	0.007	1	4.26	20	153	2	16	1.80	<4	4	17	7	1.58	0.34	6	1.28	974	<1	38	313	19	0.98	5	11	<10	104	1133	<2	23	<10	4	22
23787	1342348	0.949	2	3.78	49	288	3	9	1.73	<4	17	65	23	2.51	0.43	11	0.94	608	<1	65	400	21	2.45	5	18	<10	81	1936	<2	55	<10	8	107
23788	1342349	0.068	2	4.14	29	424	2	9	0.72	<4	9	35	23	1.68	0.28	11	0.81	361	<1	49	495	42	1.29	<5	<5	<10	114	1766	<2	38	12	6	200

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 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23789	1342350	<0.005	1	1.97	7	202	<2	14	1.32	<4	12	33	18	2.57	0.16	3	0.96	515	<1	28	468	7	0.32	<5	<5	<10	205	2036	<2	86	16	12	44
23790	1342351	0.023	2	4.17	25	333	2	17	0.90	<4	7	14	9	1.80	0.23	9	0.84	445	<1	38	482	34	1.59	<5	<5	<10	131	1569	<2	29	<10	5	35
23791	1342352	0.011	2	6.08	21	481	2	10	1.18	<4	7	12	9	1.91	0.12	13	0.84	494	<1	31	510	28	1.79	<5	7	<10	156	1950	<2	35	<10	6	55
23792	1342353	0.043	1	3.68	14	380	<2	25	1.19	<4	6	12	2	1.74	<0.01	5	1.05	668	<1	38	466	93	1.46	5	7	<10	113	1436	<2	28	<10	4	83
23793	1342354	0.064	2	4.31	24	370	<2	24	1.22	<4	8	14	28	2.09	0.02	9	0.98	564	<1	41	468	296	1.59	<5	8	<10	100	1625	<2	32	14	5	419
23794	1342355	0.020	2	4.76	16	336	<2	15	2.05	<4	6	12	19	1.82	0.05	10	1.27	789	<1	31	457	52	0.99	<5	<5	<10	101	1566	<2	31	10	5	71
23795	1342356	0.030	2	4.44	19	311	2	19	1.95	<4	6	10	20	1.85	0.03	9	1.30	803	<1	30	468	104	0.96	<5	12	<10	98	1572	3	30	<10	5	65
23796D	1342356	0.033	2	4.60	27	300	2	16	2.03	<4	7	12	21	1.93	0.04	9	1.35	835	<1	32	481	111	0.98	<5	8	<10	100	1634	<2	31	<10	5	65
23797	1342357	0.026	2	4.06	26	332	2	12	1.36	<4	5	9	9	1.79	0.12	9	1.04	612	<1	29	466	27	1.16	<5	10	<10	88	1552	<2	29	<10	5	35
23798	1342358	0.020	3	4.53	8	557	2	27	2.50	<4	5	10	46	1.88	0.31	5	1.55	1005	<1	28	463	587	1.13	<5	6	<10	110	1485	<2	31	10	5	231
23799	1342359	0.056	1	4.58	35	379	3	19	1.96	<4	6	11	5	2.08	0.31	8	1.25	739	<1	28	468	32	1.49	<5	<5	<10	100	1577	<2	31	11	5	32
23800	1342360	1.845	1	2.76	12	261	<2	20	1.56	<4	15	38	28	3.15	0.36	6	1.13	613	<1	31	529	10	0.34	5	8	<10	227	2273	<2	100	27	13	56
23801	1342361	0.008	1	4.66	13	326	2	17	1.69	<4	7	10	4	1.66	0.32	11	1.18	533	<1	29	482	19	0.91	<5	<5	<10	106	1585	<2	31	<10	5	25
23802	1342362	0.034	2	4.11	20	290	2	17	1.13	<4	17	97	48	2.81	0.43	13	1.41	682	<1	68	408	25	1.39	5	5	<10	105	2007	2	61	11	11	80
23803	1342363	0.019	1	3.70	11	398	<2	27	1.01	<4	5	16	16	1.29	0.19	9	1.02	454	<1	33	285	33	0.68	5	12	<10	103	1287	<2	23	<10	4	69
23804	1342364	0.078	1	4.08	5	493	<2	2	0.96	<4	5	13	5	1.17	0.11	10	0.91	346	<1	32	295	14	0.57	5	6	<10	114	1369	<2	22	<10	4	29
23805	1342365	0.011	1	4.88	17	519	<2	27	1.43	<4	6	11	8	1.14	0.10	12	0.97	458	<1	28	301	21	0.64	<5	11	<10	119	1371	<2	23	<10	4	30
23806	1342366	0.021	2	5.66	43	442	3	17	3.13	5	6	16	19	1.94	0.16	14	1.63	986	<1	27	310	83	1.79	<5	9	<10	137	1449	<2	26	27	5	1294
23807D	1342366	0.027	2	5.09	39	394	<2	14	2.96	5	5	17	19	1.90	0.07	12	1.57	955	<1	29	297	79	1.75	5	8	<10	129	1380	<2	25	28	4	1278
23808	1342367	<0.005	1	3.95	27	345	2	25	0.90	<4	6	12	14	1.17	0.14	9	0.88	454	<1	20	350	17	1.13	6	6	<10	81	1357	<2	24	<10	4	103

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23809	1342368	0.144	2	4.05	42	357	2	27	1.19	<4	5	9	15	1.57	0.17	7	0.90	409	<1	21	312	315	1.70	<5	5	<10	95	1208	<2	21	15	4	648
23810	1342369	0.037	1	5.07	26	488	2	9	0.66	<4	6	14	6	1.00	0.05	11	0.75	319	<1	29	327	19	1.01	5	6	<10	87	1479	<2	24	<10	4	40
23811	1342370	<0.005	1	3.87	8	321	<2	12	1.86	<4	13	40	20	2.88	0.28	7	1.09	590	<1	30	525	10	0.40	<5	6	<10	262	2520	<2	99	18	14	51
23812	1342371	0.028	2	4.81	18	447	2	31	1.24	<4	6	17	7	1.16	0.04	9	0.93	421	<1	29	319	13	0.99	<5	8	<10	109	1426	<2	24	<10	4	73
23813	1342372	0.053	1	5.06	10	522	2	17	1.59	<4	4	14	6	1.22	0.04	10	1.11	508	<1	29	305	13	0.98	<5	5	<10	111	1336	<2	22	<10	4	29
23814	1342373	0.054	1	4.21	16	420	2	18	1.34	<4	5	16	17	1.17	<0.01	10	1.04	513	<1	30	278	36	0.96	6	7	<10	93	1272	<2	22	<10	4	179
23815	1342374	0.047	1	4.39	26	337	<2	20	1.42	<4	6	21	14	1.29	<0.01	8	1.09	589	<1	31	332	20	0.98	5	9	<10	93	1352	<2	24	<10	4	68
23816	1342375	0.120	5	4.13	24	310	<2	27	1.69	4	4	21	10	1.38	<0.01	11	1.11	526	<1	35	279	1088	1.32	<5	11	<10	99	1163	<2	21	19	4	966
23817	1342376	0.186	5	4.20	23	323	2	15	1.65	5	5	23	9	1.42	<0.01	11	1.21	564	<1	32	274	1246	1.36	5	<5	<10	104	1181	<2	21	29	4	1471
23818D	1342376	0.209	5	1.53	17	99	2	4	1.07	5	4	16	9	1.45	<0.01	2	1.21	573	<1	34	260	1339	1.13	5	<5	<10	73	1074	<2	19	29	3	1574
23819	1342377	0.039	2	4.59	12	397	<2	17	1.87	<4	7	16	6	1.59	<0.01	9	1.41	679	<1	33	425	53	1.10	<5	<5	<10	129	1432	2	28	<10	5	70
23820	1342378	0.043	1	3.64	20	297	2	20	1.49	<4	9	18	11	1.79	<0.01	12	1.45	628	<1	31	457	26	1.04	<5	<5	<10	137	1619	2	31	<10	5	53
23821	1342379	0.151	2	2.83	21	208	2	20	0.19	5	23	119	52	3.87	<0.01	17	2.19	710	<1	85	445	58	1.62	7	10	<10	72	2167	<2	73	15	10	773
23822	1342380	5.501	56	2.00	24	292	<2	24	0.79	19	12	25	48	2.65	0.22	3	0.70	448	<1	27	484	540	0.60	36	<5	200	206	1611	<2	75	67	11	1671
23823	1342381	0.157	3	4.37	29	238	2	20	1.13	<4	20	130	63	3.45	0.07	13	1.86	608	<1	90	437	135	1.94	<5	12	<10	144	1417	<2	75	13	10	287
23824	1342382	0.164	2	3.67	30	243	3	22	0.34	<4	15	98	31	2.81	<0.01	16	1.78	510	<1	57	388	50	1.23	<5	<5	<10	91	1645	<2	56	<10	9	112
23825	1342383	0.471	2	6.07	51	338	2	13	0.73	5	25	156	51	4.63	0.41	27	2.31	668	<1	95	573	62	2.20	<5	10	<10	113	2149	2	93	14	13	338
23826	1342384	1.276	2	4.69	56	261	2	21	0.45	12	23	122	66	3.75	<0.01	19	1.71	463	<1	85	453	154	2.45	<5	5	<10	91	1684	<2	72	37	8	2150
23827	1342385	2.148	5	3.47	55	121	2	15	1.25	22	17	111	93	3.54	<0.01	17	1.96	723	<1	76	464	802	2.87	<5	7	<10	122	1346	<2	62	87	10	6444
23828	1342386	0.845	4	3.55	51	275	2	26	0.03	8	9	62	54	1.79	<0.01	10	0.36	116	<1	60	387	515	1.94	8	7	<10	64	1000	<2	38	42	6	2030

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Friday, March 1, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23829D	1342386	0.805	4	3.09	49	262	3	14	<0.01	7	8	62	53	1.73	<0.01	8	0.30	<100	<1	67	384	506	1.89	5	5	<10	60	943	<2	35	36	6	1972
23830	1342387	0.126	2	3.09	25	223	2	21	0.48	<4	9	58	25	1.71	<0.01	9	1.04	364	<1	56	443	71	1.02	<5	8	<10	76	1177	<2	34	<10	7	120
23831	1342388	0.155	2	4.15	41	177	2	9	0.61	<4	20	126	43	3.25	<0.01	16	1.71	618	<1	77	503	62	1.61	5	<5	<10	76	1778	<2	68	<10	10	92
23832	1342389	0.586	2	2.54	54	77	2	23	0.16	<4	18	103	36	3.14	<0.01	11	1.45	451	<1	73	442	64	1.97	<5	7	<10	55	1306	<2	62	<10	8	144
23833	1342390	<0.005	1	2.25	3	224	2	3	1.44	<4	13	40	20	2.85	0.12	4	1.06	563	<1	31	509	10	0.31	5	7	<10	221	2109	<2	94	21	13	49
23834	1342391	0.148	2	3.42	58	121	2	29	0.18	<4	18	108	18	3.61	0.22	30	2.23	538	<1	71	431	86	1.90	<5	11	<10	64	1430	<2	73	<10	8	189
23835	1342392	0.087	2	3.61	43	105	<2	13	0.09	<4	15	109	18	3.20	0.08	26	2.45	527	<1	66	431	46	1.42	6	10	<10	51	1151	<2	62	<10	9	124
23836	1342393	0.354	2	2.68	70	165	2	4	<0.01	<4	13	97	36	2.69	0.02	11	0.83	216	<1	76	358	100	2.18	<5	<5	<10	47	905	<2	51	<10	7	242
23837	1342394	0.358	2	4.15	69	204	2	22	<0.01	<4	15	107	55	3.41	<0.01	19	1.32	370	<1	77	407	95	2.50	<5	<5	<10	59	1138	<2	66	<10	7	115
23838	1342395	0.828	2	3.21	84	131	2	16	0.07	6	15	105	50	3.30	<0.01	14	1.28	341	<1	74	451	112	2.42	<5	8	<10	57	1141	<2	65	12	7	595
23839	1342396	1.272	3	3.80	79	113	3	11	0.12	7	18	115	35	3.59	<0.01	21	1.63	416	<1	82	434	111	2.54	5	11	<10	59	1263	<2	69	24	7	1060
23840R	1342396	1.052	3	3.96	87	133	<2	11	0.18	6	18	115	33	3.58	<0.01	22	1.64	418	<1	84	437	109	2.54	<5	7	<10	61	1262	<2	67	16	7	930
23841	1342397	0.160	3	4.47	64	246	2	17	0.79	<4	17	91	22	3.26	<0.01	23	2.02	526	<1	68	460	179	1.97	5	5	<10	74	1321	<2	60	<10	7	169
23842	1342398	0.230	2	3.86	54	149	<2	24	0.48	<4	15	74	11	3.23	<0.01	31	3.48	508	<1	66	452	71	1.39	5	5	<10	60	1456	3	64	<10	6	163
23843	1342399	0.072	2	3.11	10	167	2	22	0.30	<4	17	98	31	3.11	<0.01	18	1.86	495	<1	68	470	69	1.04	<5	7	<10	62	1603	<2	63	<10	7	117
23844	1342400	0.252	2	<0.01	370	>5000	2	13	0.66	<4	7	14	29	2.61	0.17	<1	0.10	<100	3	16	101	25	0.71	15	<5	<10	115	678	<2	15	52	6	32
23845	1342401	0.042	2	3.96	21	511	3	9	0.46	<4	19	110	39	3.30	0.02	19	1.67	488	<1	75	481	80	0.98	5	10	<10	83	1857	<2	75	<10	8	105
23846	1342402	0.094	2	4.00	26	228	2	21	0.43	<4	12	79	23	2.29	<0.01	13	1.35	390	<1	77	423	63	0.97	<5	8	<10	74	1372	<2	46	<10	6	79
23847	1342403	0.042	2	4.42	16	261	2	9	0.55	<4	15	113	39	3.12	0.26	18	1.61	478	<1	78	459	62	1.17	<5	5	<10	73	1669	<2	67	<10	8	318
23848	1342404	0.099	2	4.17	18	274	<2	20	0.59	<4	13	99	27	2.77	0.31	12	1.36	546	<1	81	441	63	1.37	<5	11	<10	73	1456	<2	63	<10	7	87

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Dr. David Brown, VP Quality

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Friday, March 1, 2013


Final Certificate

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 Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23849	1342405	0.339	3	4.73	70	260	2	4	0.55	4	16	121	31	2.95	0.20	11	1.09	486	<1	91	427	69	2.05	<5	7	<10	72	1447	<2	73	17	8	780
23850	1342406	0.313	3	4.60	57	226	<2	14	0.61	<4	16	120	68	3.03	0.10	12	0.96	490	<1	95	424	105	2.05	<5	<5	<10	82	1368	<2	67	13	9	350
23851D	1342406	0.304	3	4.26	62	206	<2	16	0.53	<4	15	120	69	3.09	0.07	11	0.98	495	<1	97	427	106	2.05	<5	<5	<10	77	1350	<2	67	12	9	353
23852	1342407	0.217	4	4.74	51	217	2	15	0.96	4	20	141	89	3.39	<0.01	13	1.12	502	<1	105	477	283	1.72	<5	5	<10	109	1738	<2	78	10	11	523
23853	1342408	0.013	2	4.51	18	186	2	15	1.51	<4	19	142	42	3.20	<0.01	15	1.34	545	<1	105	464	30	0.77	<5	7	<10	144	2077	<2	65	<10	11	57
23854	1342409	0.744	2	5.10	28	207	2	32	0.46	<4	23	144	49	3.99	<0.01	19	1.48	536	<1	106	469	64	1.14	<5	7	<10	95	2484	<2	98	<10	10	94
23855	1342410	<0.005	1	2.10	<2	218	<2	19	1.40	<4	13	37	19	2.73	0.06	4	1.01	544	<1	30	493	9	0.32	<5	8	<10	212	2125	<2	91	20	13	44
23856	1342411	0.516	2	3.39	65	181	2	21	<0.01	4	20	123	81	3.26	<0.01	9	0.67	315	<1	101	443	187	2.33	6	10	<10	61	1591	<2	79	16	10	573
23857	1342412	0.671	3	3.18	78	177	2	23	0.24	<4	14	105	48	2.73	0.01	9	0.59	338	4	93	371	364	2.18	6	6	<10	61	1571	<2	61	15	10	364
23858	1342413	1.068	2	3.86	31	199	2	34	1.23	<4	12	61	35	2.25	0.04	11	1.14	578	<1	64	457	37	1.04	<5	9	<10	89	1820	<2	49	<10	8	41
23859	1342414	0.258	2	3.49	37	255	2	14	0.72	<4	7	27	31	1.77	0.17	13	0.73	478	3	53	408	101	1.45	<5	5	<10	85	1531	<2	32	10	5	179
23860	1342415	0.236	2	4.15	45	293	2	6	1.26	<4	6	19	22	1.34	0.09	16	0.94	662	<1	34	417	59	1.08	5	7	<10	92	1478	4	29	<10	5	124
23861	1342416	0.251	2	4.42	44	294	<2	10	1.44	<4	6	24	25	1.36	0.27	18	0.99	691	<1	46	448	75	1.01	<5	10	<10	96	1538	<2	31	<10	5	184
23862D	1342416	0.267	2	4.52	47	300	2	20	1.47	<4	7	33	26	1.41	0.14	18	0.99	692	<1	63	450	70	0.99	<5	6	<10	96	1550	<2	33	12	5	187
23863	1342417	0.086	1	3.99	31	309	2	17	1.10	<4	6	33	14	1.33	0.15	9	0.92	611	<1	61	413	46	0.91	5	10	<10	79	1400	<2	30	<10	5	60
23864	1342418	0.315	1	3.77	34	305	<2	23	1.30	<4	6	29	11	1.51	<0.01	8	1.01	669	<1	56	388	41	1.13	<5	11	<10	78	1331	<2	29	13	5	154
23865	1342419	0.606	5	2.73	56	211	2	2	0.66	14	6	35	123	1.85	0.20	6	0.59	323	<1	60	310	1043	2.06	8	<5	<10	87	1079	<2	27	90	4	4954
23866	1342420	2.006	1	3.10	11	285	2	21	1.69	<4	15	43	31	3.36	<0.01	7	1.19	644	<1	35	559	26	0.37	<5	9	<10	235	2434	<2	106	26	14	110
23867	1342421	0.102	2	4.68	37	409	3	16	2.78	<4	6	38	24	2.05	0.15	12	2.07	1395	<1	65	442	52	1.01	5	14	<10	109	1502	<2	35	45	5	83
23868	1342422	0.045	1	4.44	10	251	2	20	2.24	<4	6	29	16	1.82	0.29	12	1.85	1261	<1	52	452	34	0.68	<5	8	<10	94	1461	<2	33	<10	5	32

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, March 1, 2013


Final Certificate

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 Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23869	1342423	0.032	1	4.83	22	302	3	13	1.95	<4	9	21	19	1.95	<0.01	13	1.62	991	<1	42	468	21	0.74	<5	10	<10	102	1619	<2	34	<10	5	44
23870	1342424	0.040	1	4.63	26	293	3	14	1.79	<4	8	26	7	2.00	0.20	14	1.61	792	<1	50	459	16	0.84	6	11	<10	97	1608	<2	33	<10	5	48
23871	1342425	0.022	1	4.90	24	312	2	17	2.07	<4	7	28	6	1.77	0.13	13	1.54	791	<1	50	481	29	0.62	6	13	<10	103	1567	<2	33	<10	5	47
23872	1342426	0.110	1	4.26	29	300	3	19	1.62	<4	6	18	6	1.56	0.21	11	1.23	632	<1	37	429	28	0.76	<5	9	<10	92	1433	<2	30	<10	5	40
23873D	1342426	0.109	1	4.96	31	360	3	1	1.80	<4	8	23	9	1.70	<0.01	13	1.31	679	<1	46	462	23	0.80	<5	6	<10	99	1620	2	33	<10	5	61
23874	1342427	0.124	2	4.40	26	340	<2	8	1.78	<4	6	22	18	1.56	<0.01	11	1.13	664	<1	42	414	115	0.92	6	10	<10	102	1468	2	32	<10	5	337
23875	1342428	0.043	1	4.94	19	430	3	19	1.80	<4	8	21	3	1.58	<0.01	14	1.03	471	<1	41	463	25	0.69	<5	7	<10	105	1767	<2	35	<10	5	46
23876	1342429	0.019	1	4.29	9	385	3	21	1.73	<4	7	17	4	1.54	<0.01	11	0.85	336	<1	35	437	29	0.63	<5	10	<10	118	1613	<2	32	<10	5	58
23877	1342430	<0.005	1	3.07	4	273	<2	13	1.62	<4	13	39	20	2.81	<0.01	5	1.04	565	<1	29	509	10	0.33	<5	11	<10	245	2246	<2	95	26	13	53
23878	1342431	0.148	1	4.75	16	409	2	16	1.79	<4	6	22	9	1.63	<0.01	13	1.02	586	<1	41	457	38	0.78	<5	5	<10	123	1637	<2	33	<10	5	77
23879	1342432	0.141	1	4.40	24	359	2	22	1.32	<4	7	32	24	1.52	0.06	12	0.80	545	<1	58	439	75	1.03	<5	<5	<10	128	1641	<2	32	17	5	393
23880	1342433	0.214	2	4.43	27	320	2	6	1.90	<4	6	13	13	1.76	<0.01	13	1.08	773	<1	24	419	93	1.22	6	8	<10	146	1431	<2	30	22	5	105
23881	1342434	0.099	1	4.61	28	320	2	8	1.59	<4	6	25	28	1.59	0.21	14	0.96	664	<1	48	430	33	0.91	6	<5	<10	155	1523	<2	33	23	5	615
23882	1342435	0.073	1	4.20	12	345	2	19	1.79	<4	6	12	8	1.45	0.26	12	1.09	773	<1	28	426	24	0.73	<5	9	<10	173	1395	<2	31	10	5	73
23883	1342436	0.040	1	4.44	13	384	2	21	1.82	<4	6	48	12	1.65	0.38	13	1.06	771	<1	91	415	25	0.75	<5	<5	<10	173	1394	<2	33	<10	5	72
23884D	1342436	0.050	1	3.93	7	349	2	10	1.67	<4	5	46	11	1.63	0.30	11	1.05	765	<1	86	411	27	0.69	5	9	<10	166	1309	<2	31	<10	5	72
23885	1342437	0.175	1	4.19	15	309	2	4	0.68	<4	7	20	32	1.28	<0.01	14	0.67	442	<1	33	447	62	0.76	<5	7	<10	118	1655	2	33	16	5	108
23886	1342438	0.157	1	4.48	10	242	3	20	1.43	<4	7	53	13	1.48	<0.01	16	1.02	678	<1	91	432	29	0.76	<5	<5	<10	114	1537	<2	34	<10	5	45
23887	1342439	0.202	2	3.77	14	220	2	13	1.22	6	7	32	25	1.51	<0.01	12	0.92	520	<1	63	404	231	0.93	<5	7	<10	117	1471	<2	31	25	4	1223
23888	1342440	5.427	52	2.41	31	335	2	22	0.86	18	13	23	48	2.66	<0.01	4	0.67	445	<1	27	476	540	0.60	51	7	207	219	1687	<2	76	72	11	1680

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Dr. David Brown, VP Quality

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Friday, March 1, 2013

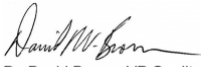
Final Certificate

 Treasury Metals Inc
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 Date Received: 02/06/2013
 Date Completed: 02/20/2013
 Job #: 201340284
 Reference: TL 13-311
 Sample #: 166

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
23889	1342441	0.007	2	4.46	2	270	2	28	2.10	<4	8	48	4	1.87	<0.01	16	1.19	449	1	93	447	21	0.54	<5	7	<10	153	1622	<2	36	<10	5	41
23890	1342442	0.008	1	3.66	<2	236	<2	19	1.87	<4	7	22	3	1.66	<0.01	11	1.10	405	<1	48	440	17	0.49	<5	<5	<10	130	1623	<2	34	<10	5	43

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Wednesday, December 16, 2015

Final Certificate

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 Date Received: 02/21/2013
 Date Completed: 02/28/2013
 Job #: 201340393
 Reference: TL 13-311
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
31431	1342312	12.045	11.706	89.279	13.185	1.69%	16.93

APPLIED SCOPES: ALPM1

Validated By:

Murphy

Certified By:

Murphy

Authorized By:



Derek Demianiuk, VP Quality

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Thursday, May 2, 2013

Final Certificate

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Date Received: 02/08/2013
 Date Completed: 02/26/2013
 Job #: 201340303
 Reference: TL 13-312
 Sample #: 187

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
24702	1342443	0.013	<1	3.42	8	402	<2	<1	0.55	<4	4	32	17	1.22	0.13	17	1.05	1269	4	50	302	66	0.35	<5	11	<10	106	992	14	19	<10	2	178
24703	1342444	0.020	1	3.70	21	458	<2	6	0.45	<4	4	42	10	1.15	0.22	17	0.89	1223	5	66	265	41	0.46	<5	20	<10	85	991	4	18	<10	<2	91
24704	1342445	0.016	<1	1.42	23	205	<2	<1	<0.01	<4	3	22	5	1.03	0.25	7	1.09	977	<1	35	221	38	0.53	<5	8	<10	38	729	27	11	<10	<2	104
24705	1342446	0.014	<1	3.04	13	367	<2	<1	0.21	<4	3	35	8	1.05	0.31	11	0.85	881	4	59	229	65	0.61	<5	10	<10	72	873	<2	15	<10	<2	87
24706	1342447	0.066	1	5.50	31	482	<2	14	0.23	<4	3	47	9	1.18	<0.01	19	0.67	525	7	73	231	231	0.75	<5	15	<10	94	924	29	17	<10	<2	372
24707	1342448	0.195	<1	4.49	6	333	<2	<1	0.47	<4	17	129	45	2.80	<0.01	20	1.12	566	3	84	441	36	0.76	<5	7	<10	100	1589	6	61	<10	6	93
24708	1342449	0.058	<1	3.99	3	318	<2	<1	0.41	<4	17	138	44	3.42	<0.01	21	1.50	747	4	99	459	41	0.63	<5	10	<10	102	1652	<2	68	<10	7	62
24709	1342450	<0.005	<1	2.65	5	218	<2	14	1.80	<4	14	51	22	3.16	<0.01	9	1.16	618	<1	30	546	10	0.11	<5	<5	<10	197	2208	<2	103	13	13	50
24710	1342451	0.192	2	3.42	28	287	<2	<1	0.27	<4	19	168	123	3.07	<0.01	17	1.16	650	8	137	451	148	1.04	<5	6	<10	97	1450	12	70	<10	7	227
24711	1342452	0.365	2	3.97	12	235	2	<1	0.86	<4	19	172	62	3.52	<0.01	15	1.49	940	4	104	494	52	1.14	5	<5	<10	135	1564	<2	71	<10	10	85
24712D	1342452	0.383	1	4.35	15	259	<2	<1	0.97	<4	19	175	62	3.58	0.11	17	1.52	961	4	102	498	60	1.17	<5	<5	<10	143	1621	17	73	<10	10	85
24713	1342453	0.542	1	5.08	5	434	<2	18	0.77	<4	19	128	40	3.50	0.09	22	1.66	958	2	85	505	46	1.12	<5	22	<10	110	1875	10	67	<10	7	84
24714	1342454	0.047	1	3.90	12	286	<2	<1	0.62	<4	10	54	40	2.22	0.11	15	1.43	848	2	55	414	320	1.00	<5	<5	<10	83	1307	<2	37	<10	4	627
24715	1342455	0.053	1	4.46	23	351	<2	<1	0.67	<4	8	50	14	2.01	0.18	13	0.88	572	6	80	449	136	1.43	<5	<5	<10	85	1403	<2	30	<10	3	319
24716	1342456	0.090	1	3.71	30	302	<2	3	0.52	<4	8	28	13	2.02	0.20	12	0.83	508	2	45	436	139	1.80	<5	8	<10	71	1294	<2	27	<10	3	251
24717	1342457	0.256	1	4.67	17	364	<2	<1	1.28	<4	8	20	38	1.91	0.28	15	1.00	540	<1	30	423	165	1.14	<5	10	<10	103	1431	<2	27	<10	3	302
24718	1342458	0.020	1	5.45	16	411	<2	5	1.07	<4	7	21	6	1.93	<0.01	15	1.02	435	<1	32	461	21	1.70	<5	20	<10	94	1377	<2	29	<10	3	50
24719	1342459	0.031	<1	3.93	17	179	<2	15	1.03	<4	8	50	17	2.00	<0.01	14	1.17	680	4	75	553	28	1.35	<5	16	<10	67	1562	9	33	<10	3	76
24720	1342460	0.268	1	<0.01	429	>5000	<2	6	0.69	<4	4	17	31	2.95	<0.01	<1	0.05	<100	10	14	<100	23	0.55	17	<5	<10	119	453	<2	13	46	3	25
24721	1342461	0.052	1	5.19	29	341	<2	24	0.66	<4	9	37	6	1.05	<0.01	18	0.72	343	5	67	690	28	0.74	5	13	<10	67	1565	<2	28	<10	2	24

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Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/08/2013
 Date Completed: 02/26/2013
 Job #: 201340303
 Reference: TL 13-312
 Sample #: 187

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
24722	1342462	0.037	<1	4.20	24	235	<2	1	0.88	<4	9	19	11	0.95	<0.01	18	0.97	423	1	36	642	22	0.56	<5	5	<10	60	1675	<2	36	<10	3	19
24723D	1342462	0.033	1	5.30	25	321	<2	3	1.12	<4	9	20	11	0.95	<0.01	21	0.98	425	1	35	641	18	0.57	<5	18	<10	79	1754	<2	37	<10	3	13
24724	1342463	0.019	<1	3.32	19	179	<2	3	0.68	<4	8	30	3	0.87	0.22	10	0.92	441	4	60	603	29	0.39	<5	21	<10	62	1493	<2	39	<10	3	25
24725	1342464	0.063	1	5.11	11	339	<2	<1	0.88	<4	7	39	8	0.98	0.25	13	0.80	483	7	70	560	32	0.58	<5	16	<10	76	1542	<2	44	<10	3	61
24726	1342465	0.263	6	1.58	36	137	<2	<1	<0.01	<4	6	29	71	1.18	0.13	<1	0.35	164	5	59	434	669	1.35	<5	<5	<10	29	1018	<2	33	<10	2	499
24727	1342466	0.012	1	5.76	6	456	<2	13	2.01	<4	5	28	8	1.34	0.26	13	1.20	508	5	48	666	54	0.58	<5	11	<10	118	1751	11	43	<10	4	52
24728	1342467	0.027	<1	4.04	14	336	<2	<1	1.72	<4	6	22	10	1.52	0.18	8	1.14	599	1	40	533	40	0.46	<5	8	<10	116	1430	<2	33	<10	3	71
24729	1342468	0.015	2	6.03	11	486	<2	29	2.12	<4	6	26	16	1.69	0.19	16	1.17	610	3	41	588	30	0.39	<5	14	<10	135	1648	<2	38	<10	3	52
24730	1342469	0.108	<1	4.92	22	371	<2	10	1.36	<4	6	24	9	1.49	<0.01	13	0.90	587	2	43	572	38	0.82	<5	20	<10	87	1604	6	38	<10	3	65
24731	1342470	<0.005	1	2.96	5	244	<2	<1	1.85	<4	14	48	20	3.03	<0.01	10	1.12	595	<1	28	521	7	0.10	<5	8	<10	200	2181	20	98	13	12	44
24732	1342471	0.476	3	2.23	38	242	<2	17	0.19	<4	6	41	18	1.86	<0.01	6	0.68	466	10	69	492	452	1.98	<5	8	<10	45	1289	<2	41	<10	3	770
24733	1342472	0.247	2	4.29	40	582	<2	3	0.58	<4	6	37	17	1.44	<0.01	10	0.55	359	9	61	456	180	1.47	<5	12	<10	73	1396	<2	41	<10	2	451
24734D	1342472	0.287	1	2.80	44	477	<2	<1	0.20	<4	6	35	17	1.49	<0.01	5	0.55	370	7	61	455	184	1.50	<5	<5	<10	55	1303	<2	40	<10	2	478
24735	1342473	0.503	3	4.77	27	452	<2	12	0.89	<4	5	32	19	1.78	0.10	11	0.74	521	4	47	495	595	1.74	<5	9	<10	99	1533	<2	38	<10	2	548
24736	1342474	0.310	1	2.02	36	333	<2	9	0.08	<4	6	40	51	1.81	0.10	7	0.68	448	7	71	437	236	1.57	<5	6	<10	54	1349	<2	44	<10	2	238
24737	1342475	0.017	<1	3.59	9	376	<2	<1	0.56	<4	6	27	28	1.60	0.30	13	0.77	589	4	52	500	36	0.65	<5	11	<10	86	1676	<2	43	<10	3	74
24738	1342476	0.028	<1	3.55	16	355	<2	17	0.54	<4	6	24	28	1.54	0.35	13	0.76	568	3	42	477	34	0.68	<5	11	<10	82	1622	<2	41	<10	3	69
24739	1342477	0.027	<1	2.46	22	291	<2	7	0.27	<4	5	30	9	1.22	0.28	11	0.71	564	4	54	489	20	0.70	<5	7	<10	63	1364	<2	41	<10	3	34
24740	1342478	0.015	<1	2.05	21	239	<2	2	0.09	<4	8	25	6	1.00	0.20	11	0.69	487	3	49	505	19	0.61	<5	6	<10	55	1235	<2	37	<10	3	31
24741	1342479	0.021	<1	1.16	11	159	<2	<1	0.28	<4	7	40	15	1.18	0.14	9	0.61	434	7	66	450	56	0.81	<5	9	<10	47	922	<2	39	<10	3	95

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24742	1342480	2.244	3	9.01	20	671	<2	<1	3.30	<4	16	67	31	3.48	0.10	29	1.24	668	3	28	602	19	0.14	<5	11	<10	323	2894	<2	115	24	12	58
24743	1342481	0.281	3	9.06	15	652	<2	8	2.09	<4	6	60	17	0.98	<0.01	31	0.49	365	9	57	424	52	0.65	<5	16	<10	181	1308	<2	43	<10	<2	37
24744	1342482	0.070	4	>10.00	24	791	2	6	2.20	<4	12	44	51	1.58	0.12	36	0.60	505	7	49	662	42	1.47	<5	8	<10	219	1754	3	46	<10	2	34
24745D	1342482	0.066	1	4.23	17	352	<2	5	0.50	<4	13	23	48	1.51	<0.01	14	0.58	474	3	50	616	29	1.36	<5	8	<10	104	1394	<2	40	<10	3	38
24746	1342483	0.338	2	4.69	28	297	<2	19	0.64	<4	12	29	32	1.69	<0.01	16	0.68	526	4	50	395	61	1.64	<5	14	<10	117	1367	<2	42	<10	2	75
24747	1342484	0.423	2	5.02	33	373	<2	2	0.41	<4	10	27	91	1.85	0.11	17	0.49	804	4	49	465	65	2.19	<5	13	<10	117	1355	<2	39	<10	3	84
24748	1342485	0.361	2	1.94	30	230	<2	<1	<0.01	<4	15	39	41	1.06	0.02	10	0.45	287	7	78	413	31	0.92	<5	<5	<10	51	1179	<2	45	<10	2	188
24749	1342486	0.182	1	3.85	10	300	<2	9	0.61	<4	8	53	17	1.41	<0.01	15	0.62	466	8	70	472	27	0.98	<5	11	<10	114	1344	14	48	<10	3	68
24750	1342487	0.084	<1	1.12	9	122	<2	7	<0.01	<4	9	38	19	1.98	<0.01	9	0.93	774	2	44	403	16	0.79	<5	<5	<10	52	1600	2	43	<10	4	60
24751	1342488	0.023	1	4.95	10	330	<2	12	0.78	<4	6	33	12	1.31	<0.01	16	0.65	452	4	47	415	20	0.59	<5	18	<10	112	1639	<2	43	<10	3	59
24752	1342489	0.016	2	4.96	21	311	<2	17	1.01	<4	10	40	20	1.85	<0.01	19	0.76	601	5	61	418	19	1.05	<5	<5	<10	122	1745	<2	49	<10	4	61
24753	1342490	<0.005	1	4.48	3	349	<2	10	2.21	<4	14	52	23	3.20	0.22	12	1.20	627	<1	29	559	11	0.12	<5	5	<10	269	2313	<2	108	22	13	88
24754	1342491	0.016	2	4.99	8	318	<2	3	1.02	<4	8	44	15	1.97	0.20	19	0.76	626	5	58	453	13	0.92	<5	14	<10	127	1815	6	50	<10	4	32
24755	1342492	0.081	2	3.77	22	276	<2	2	0.45	<4	8	32	16	1.59	0.20	15	0.79	710	3	43	455	21	1.04	<5	<5	<10	98	1645	<2	43	<10	3	55
24756D	1342492	0.108	2	5.25	14	351	<2	1	0.84	<4	7	30	16	1.55	0.16	18	0.79	696	2	37	443	23	1.02	<5	16	<10	128	1680	<2	42	<10	3	47
24757	1342493	0.395	2	6.42	34	401	<2	3	0.87	<4	8	30	13	1.14	0.28	19	0.58	488	4	42	445	49	0.91	<5	17	<10	150	1490	12	42	<10	2	58
24758	1342494	0.070	3	8.71	33	611	<2	<1	1.35	<4	10	42	12	1.38	0.36	32	0.60	425	6	47	488	68	1.39	<5	<5	<10	175	1879	<2	48	<10	3	106
24759	1342495	0.045	2	3.99	24	290	<2	19	0.39	<4	11	38	22	1.30	<0.01	21	0.69	575	5	52	670	35	0.81	5	6	<10	97	1583	6	48	<10	4	144
24760	1342496	0.030	2	3.41	23	300	<2	7	0.15	<4	10	39	20	1.28	<0.01	20	0.60	482	4	51	543	35	0.85	<5	10	<10	72	1640	<2	48	<10	3	78
24761	1342497	0.026	<1	2.33	22	192	<2	21	0.04	<4	7	27	5	1.33	<0.01	17	0.64	470	3	38	425	16	1.24	<5	8	15	58	1488	<2	41	<10	3	40

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24762	1342498	0.019	1	2.58	4	163	<2	7	0.33	<4	4	30	7	1.41	<0.01	12	0.60	551	4	49	369	13	0.90	<5	<5	<10	76	1298	<2	40	<10	2	31
24763	1342499	0.046	1	3.08	11	146	<2	23	0.33	<4	4	30	5	1.11	<0.01	17	0.67	567	5	50	363	16	0.34	<5	<5	<10	77	1464	<2	39	<10	2	21
24764	1342500	4.794	72	0.66	34	151	<2	30	0.70	21	14	32	54	3.28	<0.01	5	0.77	497	1	28	509	662	0.59	27	<5	236	124	1546	<2	89	40	11	2010
24765	1328001	0.228	31	4.17	20	198	<2	1	0.72	<4	6	28	30	1.18	0.04	16	1.20	898	1	36	398	218	0.53	<5	14	<10	105	1462	<2	40	<10	3	319
24766	1328002	0.448	23	2.39	20	112	<2	17	<0.01	<4	4	30	18	1.15	<0.01	10	1.11	697	2	40	420	81	0.49	<5	12	<10	53	1188	2	39	<10	3	143
24767R	1328002	0.534	16	4.23	20	196	<2	3	0.33	<4	5	99	16	1.22	0.19	14	1.10	703	3	39	427	74	0.51	<5	7	<10	87	1335	<2	41	<10	3	107
24768	1328003	0.226	2	2.99	10	156	<2	2	0.24	<4	5	39	11	1.41	0.24	12	1.12	825	4	52	424	28	0.65	<5	9	<10	68	1434	<2	44	<10	3	68
24769	1328004	0.217	4	4.45	31	229	<2	3	0.67	<4	7	33	14	1.45	0.21	17	0.87	620	2	36	399	31	1.02	6	8	<10	97	1725	<2	41	<10	3	40
24770	1328005	0.045	1	4.11	11	227	<2	4	0.67	<4	5	21	13	1.02	0.31	17	0.85	538	<1	35	380	24	0.37	<5	18	<10	92	1469	18	35	<10	3	32
24771	1328006	0.019	2	5.31	10	299	<2	8	0.94	<4	3	37	6	0.86	<0.01	21	0.76	403	6	40	352	30	0.24	5	11	<10	97	1462	<2	38	<10	<2	33
24772	1328007	0.176	1	3.36	23	173	<2	<1	0.28	<4	5	47	15	1.12	<0.01	13	0.65	348	7	68	325	128	0.75	<5	9	<10	60	1328	<2	44	<10	2	416
24773	1328008	1.286	4	3.31	39	127	<2	<1	0.33	<4	7	41	34	1.03	<0.01	7	0.60	389	4	44	287	229	1.17	<5	10	<10	55	1036	<2	30	<10	<2	663
24774	1328009	1.218	5	4.88	38	197	2	17	1.05	<4	7	43	47	1.65	<0.01	12	1.16	650	7	68	470	76	1.25	<5	7	<10	87	1741	<2	47	<10	3	241
24775	1328010	0.006	<1	2.41	14	203	<2	<1	1.69	<4	14	48	21	3.07	<0.01	8	1.13	599	<1	28	523	11	0.11	<5	<5	<10	186	2101	3	100	<10	12	50
24776	1328011	0.104	1	3.93	27	183	<2	<1	0.86	<4	9	34	14	1.55	<0.01	9	1.04	695	3	51	410	33	1.11	<5	15	<10	85	1595	<2	41	<10	3	40
24777	1328012	0.207	1	4.82	28	248	<2	11	0.76	<4	7	37	11	1.52	0.30	10	0.89	607	5	57	396	40	1.61	5	<5	<10	84	1514	<2	42	<10	3	49
24778D	1328012	0.189	2	4.24	28	204	<2	<1	0.64	<4	6	33	10	1.52	0.15	8	0.89	605	3	50	390	32	1.65	<5	9	<10	78	1430	33	38	<10	3	56
24779	1328013	0.346	4	2.75	24	105	<2	7	<0.01	<4	4	29	20	1.01	0.30	2	0.49	285	4	50	308	106	1.09	<5	11	<10	46	1070	<2	32	<10	2	145
24780	1328014	0.107	2	4.85	29	225	<2	14	0.80	<4	7	32	11	1.30	0.20	13	0.97	758	4	50	341	47	1.33	<5	21	<10	89	1330	44	37	<10	3	45
24781	1328015	0.812	28	3.72	63	167	<2	<1	0.25	4	7	27	75	1.79	0.29	7	0.52	347	3	35	289	456	2.41	11	17	<10	65	1217	2	32	12	2	1762

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 Date Received: 02/08/2013
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 Job #: 201340303
 Reference: TL 13-312
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24782	1328016	0.687	36	1.37	61	20	<2	3	<0.01	6	7	26	82	1.91	0.30	1	0.49	370	3	38	277	890	2.70	12	7	<10	39	938	<2	28	23	3	2328
24783	1328017	0.080	3	2.23	27	60	<2	10	0.27	<4	6	24	10	1.33	<0.01	7	0.89	641	1	39	345	59	0.77	<5	10	<10	58	1283	<2	31	<10	2	150
24784	1328018	0.026	2	3.90	6	136	<2	<1	0.73	<4	5	19	9	1.41	<0.01	14	0.98	618	<1	27	383	26	0.41	<5	7	<10	85	1559	<2	32	<10	2	56
24785	1328019	0.057	6	4.97	25	218	<2	9	1.10	<4	7	26	40	1.55	<0.01	14	0.79	455	1	34	376	332	1.15	<5	9	<10	115	1607	<2	37	<10	3	233
24786	1328020	0.235	<1	<0.01	441	>5000	<2	17	0.49	<4	4	15	32	2.97	<0.01	<1	0.05	<100	9	12	<100	24	0.60	14	<5	<10	119	315	17	12	38	4	28
24787	1328021	0.012	1	5.33	8	172	<2	<1	1.61	<4	6	41	7	1.61	<0.01	13	0.93	494	5	61	362	19	0.41	5	12	<10	125	1460	12	43	<10	3	30
24788	1328022	0.020	1	6.10	12	206	<2	6	1.88	<4	5	33	7	1.42	<0.01	15	1.15	611	2	43	383	11	0.37	<5	5	<10	108	1525	4	39	<10	3	27
24789D	1328022	0.014	1	5.18	8	153	<2	14	1.63	<4	5	27	7	1.31	<0.01	12	1.08	576	1	38	347	16	0.33	<5	<5	<10	99	1401	<2	35	<10	3	27
24790	1328023	0.038	2	5.71	8	161	<2	1	1.58	<4	5	26	5	1.43	0.19	11	1.56	719	2	40	390	20	0.32	<5	14	<10	110	1375	16	35	<10	3	41
24791	1328024	0.096	2	5.26	8	147	<2	9	0.91	<4	6	31	3	1.39	0.11	10	1.71	623	4	51	354	16	0.22	<5	8	<10	88	1322	<2	39	<10	2	43
24792	1328025	0.007	1	4.44	<2	90	<2	10	0.84	<4	5	18	3	1.46	0.09	7	1.79	638	<1	28	342	12	0.22	<5	<5	<10	79	1318	19	29	<10	2	44
24793	1328026	0.014	2	6.94	8	260	<2	4	1.44	<4	5	31	5	1.82	<0.01	15	1.80	710	3	47	417	18	0.46	<5	16	<10	105	1591	<2	39	<10	3	43
24794	1328027	0.017	2	7.58	10	319	2	9	1.96	<4	6	27	12	1.75	0.32	21	1.90	793	2	37	371	23	0.44	<5	20	<10	124	1553	6	29	<10	2	37
24795	1328028	0.007	<1	6.43	2	200	<2	18	1.57	<4	5	21	3	1.69	<0.01	16	1.73	733	2	36	387	16	0.36	<5	13	<10	91	1604	4	29	<10	3	22
24796	1328029	<0.005	<1	4.90	12	90	<2	7	1.28	<4	4	17	2	1.48	<0.01	13	1.37	637	<1	26	335	7	0.28	<5	15	<10	73	1396	<2	26	<10	2	27
24797	1328030	<0.005	1	8.65	9	642	3	19	3.40	<4	15	62	25	3.19	1.35	26	1.23	664	4	29	734	16	0.10	<5	12	<10	300	2677	<2	109	23	13	55
24798	1328031	0.014	<1	4.05	4	41	<2	12	1.98	<4	5	23	5	1.49	<0.01	8	1.21	929	<1	33	344	9	0.53	<5	16	<10	80	1226	<2	24	<10	2	25
24799	1328032	0.143	<1	5.18	27	146	<2	<1	1.53	<4	4	23	10	1.66	<0.01	14	1.03	675	1	29	344	16	1.16	<5	14	<10	85	1333	<2	25	<10	2	41
24800D	1328032	0.090	<1	4.50	23	61	<2	3	1.41	<4	5	24	10	1.77	<0.01	12	1.09	710	<1	32	354	17	1.22	<5	10	<10	77	1343	12	24	<10	3	43
24801	1328033	0.016	1	5.94	33	201	<2	16	2.36	<4	5	32	9	1.75	0.19	15	1.37	838	<1	35	374	21	1.26	<5	11	<10	116	1400	16	27	<10	3	43

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24802	1328034	0.025	1	4.72	34	181	<2	6	1.57	<4	21	141	52	3.47	0.27	12	1.40	669	2	88	498	33	2.64	<5	10	<10	109	2394	18	77	<10	12	93
24803	1328035	0.042	1	6.19	8	480	<2	15	2.20	<4	21	89	25	3.16	0.21	16	1.29	628	<1	58	554	30	1.73	<5	8	<10	187	2486	<2	75	<10	10	89
24804	1328036	0.023	<1	4.80	11	310	<2	11	1.72	<4	19	90	25	3.19	0.20	12	1.28	621	<1	72	582	26	1.75	<5	11	<10	157	2407	<2	68	<10	10	92
24805	1328037	0.026	1	4.79	7	344	<2	<1	1.20	<4	6	30	18	1.70	0.22	13	0.90	522	1	37	520	29	0.85	<5	7	<10	126	1732	<2	32	<10	3	76
24806	1328038	0.036	<1	4.57	15	310	<2	3	1.19	<4	7	21	11	2.12	0.24	11	1.04	613	<1	32	537	30	1.63	<5	7	<10	107	1719	12	31	<10	4	48
24807	1328039	0.058	3	8.71	41	832	<2	22	3.22	<4	9	55	24	2.51	<0.01	35	1.37	991	7	57	557	45	1.77	<5	14	12	183	2196	27	41	<10	3	169
24808	1328040	1.108	3	6.86	25	689	<2	13	2.14	<4	16	66	605	3.94	0.04	19	1.00	612	31	40	678	86	0.84	<5	12	<10	288	2084	<2	117	28	12	103
24809	1328041	0.072	2	7.08	34	528	2	<1	1.71	<4	8	28	12	2.11	<0.01	22	1.04	676	2	38	537	55	1.55	<5	7	<10	95	1932	<2	36	<10	3	965
24810	1328042	0.061	2	7.36	23	535	<2	18	3.27	<4	8	24	58	2.50	<0.01	23	1.80	1165	2	31	538	106	1.70	<5	14	<10	150	1891	2	36	<10	3	586
24811D	1328042	0.033	3	7.93	30	589	<2	22	3.49	<4	9	31	60	2.61	<0.01	25	1.86	1203	3	40	553	108	1.77	<5	11	<10	158	1964	<2	38	<10	4	595
24812	1328043	0.146	4	6.00	64	438	<2	<1	1.79	<4	8	26	77	2.20	<0.01	17	1.22	782	2	35	514	613	2.30	<5	8	<10	92	1688	24	32	<10	3	729
24813	1328044	0.028	1	6.39	34	349	<2	5	2.69	<4	8	23	13	1.98	<0.01	18	1.65	1077	1	36	554	41	1.10	<5	26	<10	103	1862	<2	36	<10	3	162
24814	1328045	0.061	2	7.30	39	482	<2	9	3.17	<4	10	62	33	2.35	<0.01	20	1.67	970	5	60	546	199	1.73	<5	17	<10	119	1915	14	46	<10	5	499
24815	1328046	0.223	2	5.81	29	402	<2	6	2.38	<4	11	75	35	2.45	<0.01	17	1.64	876	3	63	304	378	2.09	<5	14	<10	126	1619	14	42	11	5	1165
24816	1328047	0.017	2	5.90	12	507	<2	<1	1.98	<4	6	27	13	1.59	<0.01	21	1.62	659	3	42	301	26	0.48	<5	18	<10	120	1559	<2	26	<10	3	57
24817	1328048	0.020	2	6.28	18	608	<2	4	1.51	<4	5	24	6	1.36	<0.01	21	1.06	445	2	34	326	14	0.51	<5	22	<10	115	1611	<2	25	<10	2	48
24818	1328049	0.025	1	5.71	17	510	<2	16	1.77	<4	5	24	5	1.32	<0.01	19	1.16	570	2	31	304	19	0.75	<5	6	<10	114	1383	<2	23	<10	2	26
24819	1328050	<0.005	2	5.77	4	445	<2	12	2.53	<4	15	56	26	3.29	0.26	15	1.24	657	<1	32	577	10	0.14	<5	18	<10	305	2582	9	112	22	13	346
24820	1328051	0.022	2	7.09	27	597	<2	13	2.23	<4	6	41	8	1.60	0.28	23	1.29	692	5	54	314	53	1.30	<5	19	<10	121	1495	<2	27	<10	2	335
24821	1328052	0.068	2	6.91	20	555	<2	<1	2.89	<4	5	33	13	1.62	0.19	19	1.63	885	4	36	316	55	1.00	<5	<5	10	135	1458	44	25	<10	2	146

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24822D	1328052	0.083	2	7.23	22	578	<2	6	2.93	<4	5	34	12	1.55	0.31	21	1.57	846	4	35	306	51	0.94	<5	<5	<10	139	1405	<2	24	<10	2	142
24823	1328053	0.031	3	8.65	14	770	<2	7	2.90	<4	5	37	20	1.34	0.31	28	1.18	496	4	33	326	26	0.77	<5	17	<10	166	1598	<2	25	<10	<2	65
24824	1328054	0.012	<1	5.13	16	390	<2	<1	1.85	<4	5	23	11	1.32	<0.01	13	1.21	444	<1	33	310	14	0.63	<5	13	<10	120	1416	9	23	<10	2	33
24825	1328055	0.013	1	5.62	11	330	<2	5	2.01	<4	6	24	10	1.40	<0.01	16	1.24	472	1	36	313	21	0.64	<5	12	<10	109	1464	<2	24	<10	2	54
24826	1328056	0.011	<1	4.41	20	216	<2	9	1.72	<4	6	23	11	1.34	<0.01	12	1.21	461	1	35	309	24	0.61	<5	9	<10	96	1379	<2	22	<10	2	42
24827	1328057	0.032	<1	5.08	18	364	<2	14	1.84	<4	5	34	16	1.71	<0.01	15	1.51	600	4	57	312	32	0.92	<5	<5	<10	108	1358	10	23	<10	2	165
24828	1328058	0.026	1	4.86	15	418	<2	5	1.13	<4	6	26	29	1.50	<0.01	17	1.63	537	<1	33	337	32	0.71	5	17	<10	99	1486	21	25	<10	2	75
24829	1328059	0.441	<1	5.31	34	505	<2	2	1.37	<4	5	20	22	1.30	<0.01	17	1.31	438	<1	29	281	58	0.88	<5	10	<10	113	1411	3	22	<10	2	570
24830	1328060	5.880	75	1.75	45	252	<2	19	0.95	22	15	34	56	3.30	0.17	7	0.80	515	2	27	530	686	0.54	42	8	237	161	1633	<2	90	46	11	2060
24831	1328061	0.019	1	5.56	14	755	<2	<1	2.07	<4	5	25	11	1.71	0.27	22	2.21	773	1	37	302	61	0.72	<5	16	<10	138	1443	4	25	<10	3	285
24832	1328062	0.536	1	4.26	35	407	<2	<1	1.39	<4	6	39	44	2.12	0.32	19	1.78	690	4	64	266	210	1.64	<5	13	<10	111	1323	<2	25	<10	3	738
24833R	1328062	0.408	2	5.62	30	530	<2	25	1.82	4	6	27	37	2.33	0.27	25	2.01	751	3	40	274	390	1.92	6	<5	<10	138	1435	5	26	13	3	1268
24834	1328063	0.955	16	5.62	60	541	<2	14	1.39	13	6	32	673	2.34	0.50	22	1.66	604	4	51	289	2715	2.43	8	14	<10	141	1472	11	26	37	3	4126
24835	1328064	0.095	1	3.78	28	378	<2	2	2.02	<4	10	72	69	2.42	0.24	12	1.69	742	3	70	320	107	1.34	<5	15	<10	137	1358	<2	40	<10	5	184
24836	1328065	0.968	5	7.31	81	326	<2	<1	1.57	17	14	114	259	3.64	0.33	26	1.44	470	5	94	426	391	4.18	8	17	<10	140	1499	37	58	36	4	4697
24837	1328066	0.162	2	5.62	53	300	<2	15	0.45	<4	19	124	65	3.85	<0.01	23	2.43	448	4	93	422	145	3.06	<5	12	<10	78	1510	<2	69	<10	4	401
24838	1328067	0.330	5	4.19	77	153	<2	3	0.53	6	19	146	161	4.15	<0.01	16	2.39	501	6	112	409	558	3.42	<5	<5	<10	75	1513	<2	69	16	5	1691
24839	1328068	1.401	5	4.23	97	274	<2	2	<0.01	6	19	141	318	3.16	<0.01	11	0.63	165	3	96	451	392	3.73	<5	7	<10	60	1326	<2	78	16	5	1712
24840	1328069	0.778	5	5.22	119	336	2	21	0.12	4	22	171	234	3.82	<0.01	16	0.93	252	6	122	489	111	4.07	<5	13	<10	67	1634	<2	88	<10	7	695
24841	1328070	0.006	2	6.61	2	503	<2	20	2.80	<4	15	61	24	3.40	0.11	18	1.27	684	<1	31	602	21	0.12	6	13	<10	323	2838	13	116	18	14	60

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24842	1328071	0.445	3	6.35	98	342	2	<1	1.63	<4	21	155	100	3.65	0.09	22	1.43	477	4	98	469	191	3.80	<5	<5	<10	112	1391	3	78	<10	7	242
24843	1328072	1.340	11	6.80	108	397	<2	13	1.11	8	18	150	120	3.79	0.21	24	1.02	356	7	113	473	533	4.15	6	6	<10	83	1424	<2	78	26	6	2307
24844D	1328072	1.248	10	4.33	110	228	<2	2	0.54	8	18	136	117	3.72	0.12	15	0.98	347	6	118	449	521	4.00	5	<5	<10	60	1229	<2	69	20	6	2278
24845	1328073	0.482	4	5.28	86	240	<2	2	0.55	<4	22	140	43	4.09	0.22	23	1.63	448	2	95	498	151	3.28	<5	9	<10	60	1283	33	85	<10	6	408
24846	1328074	0.386	10	3.80	70	184	<2	5	0.09	<4	17	129	39	3.25	0.01	12	0.77	240	3	95	405	398	3.11	<5	<5	<10	49	950	<2	72	<10	6	597
24847	1328075	0.055	2	4.59	19	207	<2	3	0.40	<4	18	144	33	3.47	0.11	27	2.33	586	4	96	435	80	1.16	<5	<5	<10	56	1407	10	73	<10	6	88
24848	1328076	0.076	2	6.26	21	298	2	15	0.84	<4	19	145	33	3.66	<0.01	36	2.53	619	2	81	475	82	1.20	<5	<5	<10	72	1560	10	77	<10	6	79
24849	1328077	0.197	2	6.63	61	221	<2	21	1.14	<4	18	144	12	3.85	<0.01	56	3.42	719	5	90	470	84	1.62	<5	<5	<10	86	1436	12	76	<10	6	126
24850	1328078	0.070	2	6.40	25	245	<2	20	0.80	<4	20	153	33	4.10	0.31	59	3.28	683	4	96	512	80	1.24	<5	7	<10	78	1646	14	89	<10	6	143
24851	1328079	0.182	3	6.28	68	328	<2	<1	0.79	<4	20	156	55	3.41	0.06	32	1.85	467	6	109	536	210	2.49	5	<5	<10	87	1476	<2	83	<10	7	163
24852	1328080	0.246	1	0.77	421	>5000	<2	14	1.08	<4	5	21	32	2.93	0.03	6	0.06	<100	11	13	<100	25	0.48	22	5	<10	146	806	11	14	52	4	26
24853	1328081	0.588	10	6.23	100	333	<2	22	0.86	7	15	107	70	3.80	<0.01	21	1.02	343	6	94	482	1198	4.31	<5	5	<10	75	1208	10	61	18	5	1693
24854	1328082	0.034	2	6.61	28	348	<2	29	1.66	<4	7	33	12	2.06	<0.01	28	2.19	519	3	46	573	67	0.87	<5	11	<10	107	1456	<2	36	<10	3	172
24855D	1328082	0.030	1	6.92	36	361	<2	16	1.76	<4	8	37	13	2.08	0.22	29	2.20	518	3	52	574	68	0.89	<5	6	10	111	1473	<2	36	<10	3	181
24856	1328083	0.044	2	7.35	27	450	<2	7	1.70	<4	9	38	7	2.10	0.20	24	1.91	526	4	58	522	69	1.15	<5	9	<10	98	1594	<2	38	<10	3	105
24857	1328084	0.037	1	5.23	36	284	2	<1	1.04	<4	8	35	20	1.99	0.03	15	1.70	518	3	59	485	91	0.99	<5	16	<10	79	1496	<2	35	<10	4	121
24858	1328085	4.077	36	4.86	81	286	<2	8	0.17	11	7	43	120	1.79	0.09	13	0.42	132	4	55	371	884	2.03	24	5	<10	57	1197	<2	31	39	3	3915
24859	1328086	0.212	4	7.10	33	388	<2	12	1.00	<4	19	144	50	3.31	0.23	27	1.91	520	7	109	521	304	1.36	<5	<5	<10	87	1913	<2	79	<10	6	381
24860	1328087	0.090	2	5.42	10	265	<2	<1	1.39	<4	20	153	45	3.52	<0.01	23	1.95	673	2	94	490	59	0.87	<5	<5	<10	83	2206	<2	77	<10	7	81
24861	1328088	0.341	4	5.54	61	280	<2	7	1.33	<4	14	85	48	2.73	<0.01	19	1.53	702	3	81	487	354	1.71	<5	12	<10	92	1660	<2	59	<10	6	389

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By:

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Thursday, May 2, 2013

Final Certificate

 Treasury Metals Inc
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 Date Received: 02/08/2013
 Date Completed: 02/26/2013
 Job #: 201340303
 Reference: TL 13-312
 Sample #: 187

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
24862	1328089	0.364	5	5.93	79	277	<2	<1	0.67	6	22	157	131	4.06	<0.01	21	1.52	552	4	103	511	412	2.25	<5	<5	<10	86	2215	<2	90	11	9	1530
24863	1328090	<0.005	<1	1.79	10	161	<2	10	1.64	<4	15	50	23	3.27	<0.01	8	1.19	646	<1	30	561	16	0.09	<5	12	<10	162	2396	<2	105	<10	13	56
24864	1328091	0.020	2	5.77	20	245	2	26	2.01	<4	21	154	44	3.51	<0.01	20	1.47	557	<1	83	479	50	0.56	<5	<5	<10	198	2500	8	75	<10	10	99
24865	1328092	0.256	7	4.96	36	214	<2	<1	0.53	<4	22	159	327	4.11	<0.01	18	1.30	488	3	103	449	168	1.97	<5	5	<10	100	2123	<2	91	<10	9	236
24866D	1328092	0.298	7	4.49	31	193	<2	<1	0.52	<4	20	146	312	3.88	<0.01	17	1.22	454	3	100	417	155	1.86	<5	13	<10	95	1940	<2	83	<10	8	225
24867	1328093	1.506	8	2.88	112	152	<2	<1	0.02	<4	17	120	107	3.01	<0.01	7	0.55	245	16	105	358	513	3.03	<5	<5	<10	53	1295	4	63	<10	8	472
24868	1328094	0.537	3	4.87	54	223	2	10	1.38	4	16	129	77	3.34	0.11	25	1.34	707	4	94	437	55	2.40	<5	12	<10	78	1993	2	68	10	10	1050
24869	1328095	1.483	2	0.95	37	24	<2	<1	<0.01	<4	6	31	41	1.34	<0.01	9	0.66	288	<1	38	271	117	1.14	<5	<5	<10	34	961	<2	25	<10	3	128
24870	1328096	1.044	3	4.36	63	252	<2	9	0.47	<4	11	73	58	2.06	0.12	23	0.98	425	7	93	444	71	1.62	<5	9	<10	64	1589	<2	41	<10	5	81
24871	1328097	0.481	2	3.89	60	293	<2	8	0.34	<4	8	42	37	1.96	0.21	19	1.00	564	5	66	441	92	1.77	<5	<5	<10	65	1464	5	30	<10	3	483
24872	1328098	0.050	2	5.68	37	441	<2	29	1.71	<4	6	69	31	1.66	<0.01	24	1.10	604	11	93	380	39	0.85	<5	12	<10	106	1456	<2	32	<10	2	70
24873	1328099	0.379	2	5.63	55	428	<2	6	1.35	<4	7	39	10	1.60	<0.01	24	1.08	527	5	49	386	105	1.30	5	11	<10	93	1442	11	31	<10	2	111
24874	1328100	2.262	2	5.66	14	440	<2	1	2.48	<4	16	57	32	3.79	<0.01	16	1.32	709	<1	32	604	14	0.11	<5	10	<10	289	2737	9	122	19	13	60
24875	1328101	1.135	6	4.69	53	293	<2	21	1.45	7	6	45	82	2.27	<0.01	22	1.16	527	8	59	369	669	2.40	15	6	<10	90	1195	6	29	24	2	2814
24876	1328102	0.073	2	8.65	23	361	2	32	2.51	<4	8	49	14	1.94	1.31	35	1.82	785	41	71	285	46	1.35	<5	<5	<10	103	1408	10	32	28	6	111
24877D	1328102	0.080	<1	7.95	24	351	3	3	2.46	<4	7	49	13	1.94	1.40	33	1.81	794	40	72	279	43	1.13	<5	6	<10	97	1396	14	32	21	5	110
24878	1328103	0.013	2	8.82	21	614	<2	18	2.36	<4	8	41	23	1.61	<0.01	39	1.65	842	5	42	519	45	0.70	<5	11	<10	139	1886	18	40	13	3	204
24879	1328104	0.062	2	6.95	37	576	<2	14	1.75	<4	8	44	36	1.91	<0.01	47	1.92	955	5	60	480	38	1.17	<5	9	<10	134	1713	14	37	<10	4	73
24880	1328105	0.250	2	6.89	26	485	2	<1	1.95	<4	6	44	11	1.64	<0.01	38	1.71	873	5	59	491	46	0.54	<5	9	<10	126	1685	10	35	<10	4	67
24881	1328106	0.010	2	7.32	13	537	<2	67	2.29	<4	7	39	7	1.73	0.10	35	1.65	859	4	49	482	42	0.43	<5	17	<10	130	1828	14	37	<10	3	44

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Thursday, May 2, 2013

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/08/2013
 Date Completed: 02/26/2013
 Job #: 201340303
 Reference: TL 13-312
 Sample #: 187

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
24882	1328107	0.028	2	7.74	28	597	<2	3	2.64	<4	8	43	25	1.74	0.17	33	1.69	934	5	56	499	35	0.55	6	17	<10	146	1787	<2	37	<10	3	72
24883	1328108	0.096	2	6.29	32	512	2	8	1.80	<4	7	45	55	1.95	0.16	31	1.49	797	5	58	457	81	0.98	<5	11	<10	109	1617	8	35	<10	3	67
24884	1328109	0.165	5	7.29	40	526	2	<1	1.98	<4	9	37	24	1.84	0.21	30	1.22	716	4	49	518	104	1.13	<5	5	<10	113	1929	<2	38	<10	3	217
24885	1328110	<0.005	1	5.32	13	418	<2	<1	2.42	<4	15	54	23	3.21	0.27	15	1.21	642	<1	30	568	13	0.11	6	9	<10	294	2582	<2	110	19	13	65
24886	1328111	1.133	6	5.33	48	617	<2	12	1.17	6	7	54	185	2.51	0.19	25	0.92	429	14	73	419	915	2.59	8	10	<10	98	1443	5	33	24	2	2031
24887	1328112	0.358	2	5.37	26	507	2	2	2.03	<4	6	37	25	1.74	0.22	23	1.28	663	5	47	439	203	1.12	<5	11	<10	110	1417	29	33	<10	3	219
24888D	1328112	0.441	2	5.84	38	541	<2	67	2.18	<4	7	44	27	1.79	0.20	25	1.31	678	6	54	459	207	1.16	<5	9	<10	116	1435	<2	34	<10	3	234
24889	1328113	0.013	1	6.74	18	572	<2	7	2.06	<4	8	31	6	1.63	<0.01	33	1.34	535	3	40	493	37	0.39	<5	11	<10	128	1777	<2	35	<10	3	74
24890	1328114	0.094	1	5.12	28	492	<2	11	1.94	<4	7	48	11	1.74	<0.01	30	1.27	724	5	69	449	66	0.84	<5	13	<10	128	1561	<2	33	<10	3	140
24891	1328115	0.062	1	6.37	20	499	2	5	2.87	<4	9	30	9	2.00	<0.01	21	1.16	556	<1	44	493	62	0.83	5	19	<10	213	1743	8	35	<10	3	235
24892	1328116	0.072	2	6.79	18	546	<2	<1	3.14	<4	9	27	8	1.98	0.04	24	1.23	593	<1	36	505	67	0.82	<5	13	<10	220	1899	<2	36	<10	3	193
24893	1328117	0.041	<1	4.51	30	332	2	2	1.95	<4	8	39	11	1.92	0.10	16	1.05	429	2	48	516	26	0.68	<5	15	10	167	1611	<2	36	<10	4	60
24894	1328118	0.108	2	6.20	37	467	2	11	2.41	<4	8	35	10	1.78	0.24	20	1.15	664	3	48	498	44	0.98	<5	19	<10	205	1765	<2	35	<10	3	97
24895	1328119	0.523	2	6.27	45	394	2	23	1.54	<4	8	49	18	1.95	0.20	25	0.80	621	6	67	506	60	1.40	<5	8	<10	130	1818	13	35	<10	3	165
24896	1328120	5.194	71	3.94	48	438	<2	4	1.42	21	14	37	56	3.10	0.13	11	0.81	519	2	29	550	663	0.50	54	9	246	241	1825	<2	89	54	11	1986
24897	1328121	0.149	2	5.97	11	323	2	21	1.68	<4	7	45	34	1.73	0.24	24	0.86	564	5	58	462	82	0.71	<5	11	<10	128	1777	<2	34	<10	3	321
24898	1328122	0.039	1	5.20	16	362	<2	10	1.69	<4	8	39	14	1.60	0.16	20	0.91	345	4	52	424	29	0.40	<5	8	<10	148	1705	<2	34	<10	3	32
24899R	1328122	0.014	2	6.21	18	441	2	23	1.93	<4	9	54	17	1.74	0.18	25	0.89	339	5	70	431	27	0.45	<5	<5	<10	159	1834	15	37	10	3	36
24900	1328123	0.006	2	6.30	6	376	<2	10	3.59	<4	8	22	8	1.99	0.24	21	1.83	631	<1	30	506	17	0.37	<5	17	<10	209	2109	<2	40	<10	3	32
24901	1328124	<0.005	1	4.59	<2	286	<2	14	2.01	<4	8	32	4	1.91	<0.01	21	1.14	340	1	42	517	15	0.40	<5	17	<10	146	2122	<2	38	<10	3	30

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Thursday, May 2, 2013

Final Certificate

 Treasury Metals Inc
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 Date Received: 02/08/2013
 Date Completed: 02/26/2013
 Job #: 201340303
 Reference: TL 13-312
 Sample #: 187

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
24902	1328125	0.006	<1	3.10	<2	202	<2	6	2.07	<4	9	30	2	2.01	<0.01	14	1.35	449	<1	44	498	22	0.49	<5	13	<10	142	2070	<2	38	<10	4	46
24903	1328126	0.007	<1	4.23	8	291	<2	<1	2.05	<4	8	27	4	1.87	0.12	18	1.16	377	<1	39	506	12	0.43	<5	16	<10	149	2149	<2	40	<10	4	35
24904	1328127	0.010	<1	4.57	20	309	<2	13	1.98	<4	9	46	3	1.88	0.09	20	1.11	342	3	60	510	14	0.47	6	<5	<10	147	2068	<2	41	<10	4	25
24905	1328128	0.019	<1	4.00	17	209	<2	4	1.97	<4	13	70	20	2.48	0.10	19	1.35	557	<1	57	502	15	0.73	<5	9	<10	128	2231	<2	51	<10	6	34
24906	1328129	0.014	1	5.92	11	178	2	<1	1.81	<4	22	176	49	3.98	0.16	34	1.48	583	4	105	573	35	0.84	<5	10	<10	151	2431	<2	83	<10	11	68

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By:

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Friday, March 8, 2013


Final Certificate

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Date Received: 02/13/2013
 Date Completed: 03/01/2013
 Job #: 201340342
 Reference: TL13-313
 Sample #: 147

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28022	1328130	<0.005	2	0.80	25	76	<2	15	1.00	5	16	40	33	2.91	<0.01	17	0.64	629	<1	33	518	12	>10.00	<5	<5	<10	277	2921	<2	104	34	7	762
28023	1328131	0.029	1	3.38	34	255	<2	15	0.60	<4	16	20	25	1.32	<0.01	20	0.55	468	<1	29	456	17	9.94	<5	<5	<10	185	1942	<2	52	<10	6	201
28024	1328132	0.033	<1	4.46	42	291	<2	21	0.20	<4	21	14	23	1.22	<0.01	12	0.68	343	<1	39	508	26	7.39	<5	6	<10	135	2027	<2	47	<10	7	137
28025	1328133	0.312	1	4.18	57	114	<2	10	<0.01	<4	15	2	20	1.21	<0.01	11	0.72	382	<1	34	659	125	7.81	<5	18	<10	77	1773	<2	33	<10	7	273
28026	1328134	0.415	2	3.23	67	<1	<2	20	<0.01	<4	30	3	24	0.67	<0.01	5	0.35	<100	<1	29	563	28	8.56	<5	<5	<10	85	1440	<2	33	<10	5	225
28027	1328135	0.191	3	2.23	46	<1	<2	4	<0.01	<4	15	<1	13	0.67	<0.01	6	0.30	<100	<1	22	533	32	9.50	<5	11	<10	79	1413	<2	29	<10	5	42
28028	1328136	0.202	3	1.77	48	<1	<2	<1	<0.01	<4	14	<1	10	0.53	<0.01	<1	0.27	<100	<1	19	531	46	7.24	<5	<5	<10	66	1349	<2	28	<10	4	88
28029	1328137	0.095	2	3.34	49	13	<2	3	<0.01	<4	13	<1	10	0.99	<0.01	10	0.65	523	<1	25	616	25	6.49	5	6	<10	76	1942	<2	37	<10	5	41
28030	1328138	0.022	1	3.12	44	68	<2	3	0.46	<4	11	<1	15	1.09	<0.01	19	0.83	736	<1	19	577	26	7.47	<5	8	10	116	2124	<2	37	<10	5	32
28031	1328139	0.041	<1	2.31	34	85	<2	30	0.54	<4	7	2	15	0.98	<0.01	12	0.57	597	<1	20	548	28	7.38	<5	<5	10	119	1920	<2	33	<10	4	45
28032D	1328139	0.038	<1	3.39	42	37	<2	<1	0.62	<4	7	<1	15	0.99	<0.01	8	0.67	566	<1	15	577	33	6.44	<5	6	<10	114	1734	<2	30	<10	6	40
28033	1328140	0.217	<1	<0.01	392	>5000	<2	15	<0.01	<4	4	3	28	2.72	<0.01	<1	0.25	<100	7	10	<100	17	7.33	19	<5	<10	120	676	2	13	52	9	13
28034	1328141	0.017	2	1.19	41	222	<2	24	0.37	<4	7	6	9	0.99	<0.01	26	0.44	573	<1	28	552	19	>10.00	<5	<5	<10	166	1999	<2	32	<10	4	61
28035	1328142	0.017	1	3.03	32	349	2	17	0.92	<4	8	5	9	1.48	<0.01	26	0.82	614	<1	23	630	41	>10.00	<5	<5	<10	165	2299	<2	39	<10	5	61
28036	1328143	0.080	<1	4.68	42	432	2	17	0.64	<4	8	5	12	1.74	<0.01	21	0.89	570	<1	21	615	48	>10.00	<5	18	<10	144	2162	19	36	<10	7	86
28037	1328144	0.030	<1	4.76	38	366	<2	14	0.96	<4	7	2	15	1.70	<0.01	14	1.06	589	<1	19	587	19	7.01	<5	11	<10	132	1924	<2	33	<10	8	38
28038	1328145	0.042	<1	4.23	49	363	2	20	0.91	<4	8	6	9	2.04	<0.01	18	0.85	499	<1	18	616	38	9.75	<5	10	<10	149	2124	<2	37	<10	7	85
28039	1328146	0.023	1	5.15	36	351	2	33	0.64	<4	9	12	10	1.54	0.12	31	0.89	597	<1	27	626	39	>10.00	<5	<5	<10	155	2195	<2	40	<10	7	57
28040	1328147	0.042	1	3.90	35	156	<2	20	<0.01	<4	7	6	26	1.04	0.02	15	0.92	510	<1	24	478	121	6.90	<5	12	<10	122	1802	<2	31	<10	6	261
28041	1328148	0.007	<1	3.89	24	137	2	<1	<0.01	<4	9	5	28	1.22	<0.01	20	1.04	552	<1	22	447	31	6.96	6	7	<10	137	1824	6	30	<10	6	88

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 Date Received: 02/13/2013
 Date Completed: 03/01/2013
 Job #: 201340342
 Reference: TL13-313
 Sample #: 147

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28042	1328149	0.016	<1	3.66	31	69	<2	19	<0.01	<4	6	6	12	1.02	<0.01	10	0.54	433	<1	20	478	44	7.21	<5	<5	11	143	1482	<2	30	<10	5	48
28043D	1328149	0.021	<1	3.21	31	77	<2	8	<0.01	<4	7	2	12	1.02	0.03	9	0.54	434	<1	18	461	42	6.58	<5	5	<10	141	1508	<2	30	<10	5	47
28044	1328150	0.008	<1	3.81	18	67	<2	6	1.38	<4	16	40	22	3.26	0.11	7	1.38	664	<1	28	566	3	5.88	<5	7	<10	281	2655	16	110	28	18	50
28045	1328151	0.024	<1	3.75	35	172	<2	17	<0.01	<4	6	<1	5	1.21	0.02	14	0.74	635	<1	17	421	24	6.37	<5	<5	<10	185	1621	<2	31	<10	5	32
28046	1328152	0.048	2	3.61	27	106	<2	7	<0.01	<4	8	4	13	1.14	<0.01	27	0.65	601	<1	18	440	30	>10.00	<5	8	<10	190	1602	<2	31	<10	5	58
28047	1328153	0.035	2	3.70	31	81	<2	7	<0.01	<4	6	7	27	1.03	<0.01	28	0.61	566	<1	21	453	48	>10.00	<5	8	<10	179	1491	5	31	<10	5	88
28048	1328154	0.126	1	5.07	47	77	<2	14	<0.01	<4	6	4	17	1.12	0.06	17	0.62	506	<1	17	422	134	9.49	<5	<5	<10	182	1436	<2	28	<10	6	96
28049	1328155	2.335	<1	4.88	42	291	<2	26	<0.01	<4	7	13	17	1.26	0.09	16	0.83	650	<1	22	415	65	7.88	<5	19	10	161	1585	<2	29	<10	7	130
28050	1328156	6.124	2	3.02	31	326	<2	16	0.03	<4	8	15	14	1.27	<0.01	25	0.75	733	<1	25	437	53	>10.00	<5	8	<10	175	1669	<2	30	<10	5	98
28051	1328157	1.117	4	4.28	49	327	<2	12	0.56	<4	11	12	14	1.73	0.03	18	1.34	1318	<1	26	396	443	8.04	6	<5	<10	167	1570	<2	30	<10	7	357
28052	1328158	0.264	<1	3.86	29	133	<2	18	<0.01	<4	9	14	10	1.24	0.05	13	0.89	697	<1	31	408	23	5.73	<5	11	<10	133	1637	<2	35	<10	6	50
28053	1328159	0.068	1	3.78	25	181	2	14	<0.01	<4	6	22	85	1.04	0.03	14	0.68	491	<1	45	352	25	6.64	<5	5	<10	155	1730	7	32	<10	5	76
28054D	1328159	0.073	1	3.73	29	185	2	10	<0.01	<4	6	21	85	1.04	0.03	14	0.67	497	<1	40	356	22	6.75	<5	6	<10	159	1734	<2	33	<10	5	77
28055	1328160	1.962	<1	4.31	20	83	2	20	1.42	<4	18	41	31	3.64	0.20	11	1.49	723	<1	33	602	8	6.62	<5	<5	<10	278	2750	<2	117	28	18	54
28056	1328161	0.027	1	2.62	32	188	<2	12	<0.01	<4	9	26	14	1.29	0.04	18	0.71	469	<1	41	422	18	7.04	<5	6	<10	166	1813	<2	36	<10	5	33
28057	1328162	0.017	2	0.53	45	140	2	3	<0.01	<4	22	21	8	0.92	<0.01	24	0.47	334	<1	50	396	26	>10.00	<5	<5	<10	151	1669	<2	33	<10	3	39
28058	1328163	0.039	2	3.03	53	31	2	16	0.08	<4	8	27	17	1.99	<0.01	32	0.99	737	<1	38	452	41	>10.00	<5	<5	11	172	1412	<2	38	<10	5	74
28059	1328164	0.066	1	3.82	48	<1	<2	11	<0.01	<4	7	14	13	2.19	<0.01	15	2.51	1184	<1	25	393	33	5.53	6	12	<10	123	1025	19	28	<10	6	109
28060	1328165	0.031	1	5.24	37	31	2	3	0.27	<4	8	24	6	1.89	0.08	28	2.03	1131	1	39	412	35	9.58	<5	17	<10	154	1256	3	34	<10	7	140
28061	1328166	0.026	<1	5.67	36	44	2	12	<0.01	<4	9	22	6	1.28	0.01	24	1.47	576	<1	38	406	30	7.64	<5	9	<10	132	1556	3	40	<10	7	39

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28062	1328167	0.028	1	4.19	28	113	<2	13	<0.01	<4	9	25	8	0.97	<0.01	24	0.78	378	1	42	398	36	9.65	<5	5	<10	141	1524	<2	38	<10	6	54
28063	1328168	0.082	2	4.10	39	120	<2	14	<0.01	<4	8	22	6	1.12	0.05	19	0.79	480	1	35	439	35	7.56	6	12	<10	151	1690	<2	40	<10	6	138
28064	1328169	0.016	<1	3.55	31	135	<2	18	<0.01	<4	9	15	5	0.89	0.05	17	0.63	307	<1	36	375	17	7.02	<5	7	<10	163	1483	<2	34	<10	5	24
28065D	1328169	0.018	<1	3.16	36	146	2	28	<0.01	<4	9	20	5	0.89	0.06	19	0.63	312	<1	36	389	13	7.39	<5	5	<10	170	1541	<2	34	<10	5	24
28066	1328170	0.012	<1	2.75	20	50	<2	8	1.17	<4	15	36	19	2.96	0.03	7	1.13	617	<1	26	506	3	6.52	<5	<5	<10	273	2597	<2	101	27	13	40
28067	1328171	0.015	<1	1.90	33	14	2	24	<0.01	<4	7	20	8	1.37	<0.01	23	1.08	615	<1	31	421	31	8.43	<5	<5	<10	170	1401	<2	39	<10	5	50
28068	1328172	0.050	1	1.72	41	<1	<2	12	<0.01	<4	7	22	24	1.49	<0.01	22	1.01	521	<1	37	377	44	8.38	<5	7	<10	152	1338	<2	31	<10	4	98
28069	1328173	0.007	<1	0.61	25	<1	<2	10	<0.01	<4	4	15	4	0.71	<0.01	15	0.73	444	<1	38	331	40	8.33	<5	7	<10	151	1331	<2	28	<10	3	59
28070	1328174	0.019	2	1.71	24	<1	2	19	<0.01	<4	5	21	7	0.83	<0.01	27	0.61	463	3	42	364	43	>10.00	<5	6	<10	174	1468	<2	29	<10	4	38
28071	1328175	0.012	<1	5.32	31	<1	2	9	<0.01	<4	7	28	6	1.32	0.02	21	1.42	655	<1	41	457	51	8.41	<5	9	<10	165	1209	32	32	<10	7	57
28072	1328176	0.022	1	2.99	39	<1	<2	16	<0.01	<4	6	20	4	1.15	0.08	26	1.10	601	<1	34	380	55	>10.00	<5	<5	<10	163	1289	<2	32	<10	5	54
28073	1328177	<0.005	<1	4.53	22	<1	<2	16	<0.01	<4	3	25	5	0.80	0.15	14	1.17	473	<1	43	360	24	6.89	<5	5	<10	134	1051	<2	29	<10	6	31
28074	1328178	<0.005	<1	4.23	20	<1	<2	16	<0.01	<4	4	17	2	0.77	0.03	17	1.23	573	<1	35	391	17	7.36	<5	5	<10	157	988	<2	29	<10	5	20
28075	1328179	0.010	<1	3.04	28	<1	<2	25	<0.01	<4	7	10	2	0.91	<0.01	21	1.18	737	<1	32	397	20	7.96	<5	<5	<10	168	1058	<2	29	<10	4	45
28076D	1328179	0.007	<1	3.56	30	<1	<2	11	<0.01	<4	7	9	2	0.92	0.03	20	1.29	743	<1	30	417	20	7.20	<5	6	<10	168	1041	<2	29	<10	5	44
28077	1328180	4.678	69	3.45	58	140	<2	<1	0.51	20	15	22	51	3.06	0.08	7	0.95	524	<1	26	533	615	6.39	62	<5	239	256	1966	<2	88	62	15	1895
28078	1328181	0.010	<1	3.28	24	<1	<2	2	<0.01	<4	8	10	2	0.90	0.03	17	1.74	809	<1	35	376	16	5.90	<5	<5	<10	134	848	<2	28	<10	5	61
28079	1328182	0.017	<1	2.24	30	<1	<2	5	<0.01	<4	9	16	3	1.05	0.07	24	1.53	745	<1	32	383	30	7.26	<5	<5	<10	118	1353	<2	32	<10	4	47
28080	1328183	0.033	<1	3.02	45	44	<2	18	<0.01	<4	9	13	11	1.90	0.08	27	1.12	535	<1	31	403	20	7.98	5	<5	<10	119	1659	<2	32	<10	5	49
28081	1328184	0.009	<1	3.44	42	56	2	6	0.24	<4	7	9	3	1.44	0.05	15	0.98	546	<1	28	364	32	8.06	<5	<5	<10	139	1733	<2	30	<10	5	35

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28082	1328185	0.010	<1	3.18	37	47	2	11	0.39	<4	6	3	6	1.23	<0.01	27	1.07	782	<1	22	358	24	>10.00	<5	9	<10	131	1543	<2	28	<10	5	83
28083	1328186	0.013	1	3.12	43	121	<2	11	0.35	<4	7	7	5	1.20	<0.01	26	0.86	564	<1	26	361	25	>10.00	<5	8	<10	151	1657	17	29	<10	5	29
28084	1328187	0.011	<1	4.04	26	<1	<2	17	0.34	<4	4	2	5	0.83	<0.01	11	0.83	409	<1	20	287	11	8.66	<5	<5	<10	133	1187	12	20	<10	7	5
28085	1328188	0.145	<1	3.65	29	82	<2	19	0.40	<4	6	6	5	1.25	0.08	9	0.93	507	<1	25	354	22	6.20	<5	<5	<10	157	1409	<2	27	<10	6	96
28086	1328189	0.010	<1	3.21	30	64	2	15	0.17	<4	6	12	4	1.35	0.03	11	0.59	332	<1	38	347	21	7.19	<5	13	<10	152	1485	<2	27	<10	5	55
28087R	1328189	0.012	3	2.33	29	91	2	25	0.14	<4	7	21	5	1.36	<0.01	29	0.52	357	4	57	449	28	>10.00	<5	16	<10	183	1765	<2	30	<10	4	67
28088	1328190	<0.005	<1	4.65	17	75	<2	31	1.36	<4	15	38	20	3.15	0.16	9	1.36	653	<1	28	563	7	6.51	<5	9	<10	294	2821	<2	107	28	18	43
28089	1328191	0.017	2	4.31	526	93	<2	17	0.41	10	6	4	1000	1.72	0.08	15	0.82	450	4	20	369	425	6.94	<5	9	50	167	1467	<2	27	38	8	3327
28090	1328192	0.008	<1	3.45	36	134	<2	6	0.60	<4	6	26	24	1.59	<0.01	9	0.63	367	6	73	331	22	7.12	<5	<5	<10	154	1469	<2	28	<10	6	86
28091	1328193	0.007	<1	2.91	16	159	<2	14	0.49	<4	6	26	3	1.75	0.03	9	0.55	306	3	66	342	8	7.00	<5	5	<10	149	1644	<2	29	<10	5	30
28092	1328194	0.011	<1	3.41	17	193	<2	19	0.58	<4	6	27	4	1.72	0.01	15	0.87	409	3	57	372	9	7.32	<5	<5	<10	156	1643	<2	29	<10	5	35
28093	1328195	0.011	<1	3.54	18	190	2	8	0.90	<4	6	20	6	1.69	<0.01	15	0.95	482	<1	51	345	27	7.62	<5	<5	<10	156	1550	<2	28	<10	5	45
28094	1328196	0.010	<1	3.51	24	194	2	8	1.07	<4	5	15	6	1.70	0.07	17	0.95	493	<1	45	346	29	8.54	<5	<5	<10	165	1646	11	29	<10	5	56
28095	1328197	0.025	1	4.40	30	213	2	4	1.62	<4	7	49	13	2.02	0.18	17	1.32	794	7	103	439	27	8.52	8	14	<10	160	1693	20	36	<10	6	33
28096	1328198	0.006	<1	2.51	22	98	<2	11	0.94	<4	7	14	6	1.37	0.18	19	1.09	662	<1	45	354	21	8.52	<5	<5	<10	132	1579	<2	28	<10	4	23
28097	1328199	0.009	<1	2.09	28	293	<2	8	0.94	<4	5	13	4	1.33	0.13	15	1.03	691	<1	44	366	23	8.05	<5	13	<10	119	1660	5	30	<10	4	33
28098D	1328199	0.018	<1	1.75	30	266	2	7	0.76	<4	5	12	3	1.23	<0.01	15	0.95	638	<1	38	343	16	8.52	<5	<5	<10	114	1578	<2	28	<10	4	31
28099	1328200	0.223	<1	0.34	402	>5000	<2	11	0.05	<4	5	4	29	2.90	0.05	3	0.29	<100	7	15	102	15	8.22	17	<5	<10	142	772	<2	14	57	11	18
28100	1328201	0.006	<1	4.32	24	529	2	16	0.97	<4	5	16	4	1.45	0.17	18	1.28	582	1	48	375	18	9.25	<5	<5	<10	125	1557	4	28	<10	6	26
28101	1328202	<0.005	<1	6.02	21	180	2	42	0.91	<4	5	10	8	1.54	0.12	18	1.51	491	<1	36	368	30	7.71	<5	<5	10	130	1626	12	29	<10	8	39

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28102	1328203	0.053	2	4.08	37	202	2	36	1.51	<4	8	26	59	2.04	0.02	15	1.40	856	<1	40	367	436	8.66	6	9	<10	127	1462	<2	34	<10	7	465
28103	1328204	0.113	2	2.85	63	77	2	23	0.86	4	18	162	81	3.54	0.63	14	1.25	973	12	176	457	516	7.25	<5	<5	<10	104	2153	<2	74	<10	11	726
28104	1328205	0.105	2	3.90	62	180	2	7	0.90	<4	17	176	57	3.37	0.05	18	1.22	898	16	192	468	335	8.60	<5	8	<10	115	2194	<2	72	<10	12	466
28105	1328206	0.208	<1	3.51	41	356	<2	18	0.59	<4	8	18	22	1.64	0.11	21	0.99	641	<1	45	478	43	8.41	<5	<5	<10	145	1911	<2	37	<10	6	64
28106	1328207	0.081	1	1.97	34	346	2	2	0.47	<4	6	28	15	1.56	0.14	22	0.88	721	4	64	365	44	9.80	<5	<5	<10	156	1693	<2	31	<10	4	207
28107	1328208	0.347	<1	2.10	22	368	<2	19	0.39	<4	7	19	13	1.24	0.17	24	0.97	581	1	49	308	16	8.26	<5	<5	<10	163	1613	<2	27	<10	4	13
28108	1328209	3.233	2	3.09	32	381	<2	13	0.64	<4	6	35	18	1.53	0.09	23	1.10	699	7	76	327	109	8.54	<5	6	<10	159	1613	4	29	<10	5	171
28109D	1328209	3.230	2	2.55	27	365	2	<1	0.57	<4	7	30	19	1.45	0.13	22	1.06	678	7	68	311	109	8.62	6	<5	<10	155	1596	4	28	<10	4	169
28110	1328210	<0.005	<1	4.03	20	92	<2	17	1.40	<4	16	39	21	3.15	0.11	12	1.23	660	<1	30	563	5	8.00	<5	<5	<10	305	2888	21	109	21	15	44
28111	1328211	0.135	<1	4.95	30	408	<2	9	0.43	<4	7	16	24	1.55	0.17	24	1.33	683	1	49	322	353	8.16	<5	6	12	155	1613	<2	26	<10	7	498
28112	1328212	0.026	1	5.54	33	320	<2	15	2.17	<4	6	29	52	1.57	0.08	21	1.36	777	3	67	341	68	9.20	<5	5	<10	106	1490	10	25	<10	8	384
28113	1328213	0.135	<1	4.84	30	281	<2	3	0.98	<4	7	23	8	1.50	0.10	23	1.66	638	1	60	317	246	6.88	<5	13	<10	114	1551	<2	25	<10	7	533
28114	1328214	0.067	<1	4.27	30	286	2	23	0.77	<4	7	53	7	1.63	0.07	30	1.50	581	9	118	326	18	8.47	<5	5	<10	154	1721	<2	30	<10	6	41
28115	1328215	0.035	1	4.73	30	605	<2	19	0.99	<4	7	21	35	1.44	0.03	25	1.69	677	3	58	341	119	7.82	<5	<5	12	127	1607	<2	26	<10	7	122
28116	1328216	0.007	<1	3.49	17	619	<2	15	0.91	<4	7	12	32	1.35	0.11	24	1.63	694	<1	40	326	207	7.54	<5	10	<10	130	1578	4	25	<10	6	220
28117	1328217	0.009	<1	4.28	25	292	<2	25	0.47	<4	6	14	10	1.30	0.13	23	1.48	529	<1	43	307	27	6.95	<5	7	<10	130	1641	<2	26	<10	6	47
28118	1328218	0.013	<1	3.19	21	308	2	7	0.39	<4	6	27	56	1.37	0.19	23	1.34	635	4	70	297	81	8.44	<5	<5	<10	143	1622	<2	26	<10	5	116
28119	1328219	0.024	3	2.16	18	<1	<2	17	0.60	<4	2	41	49	1.02	0.10	13	1.07	583	7	78	158	590	>10.00	<5	9	<10	123	758	<2	14	<10	6	577
28120D	1328219	0.038	3	1.76	10	<1	<2	8	0.61	<4	3	56	49	1.10	0.10	14	0.98	594	11	110	165	596	>10.00	5	5	<10	125	774	<2	15	<10	5	578
28121	1328220	1.702	<1	3.06	25	107	2	14	1.39	<4	19	43	30	3.58	0.17	15	1.18	730	<1	32	586	8	8.94	<5	<5	<10	295	3097	<2	121	27	12	52

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/13/2013
 Date Completed: 03/01/2013
 Job #: 201340342
 Reference: TL13-313
 Sample #: 147

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28122	1328221	0.017	<1	3.77	25	322	<2	19	0.90	<4	6	27	20	1.52	0.09	18	1.37	617	5	69	320	33	7.17	<5	<5	<10	150	1694	<2	27	<10	5	61
28123	1328222	0.022	<1	5.00	17	238	<2	<1	0.51	<4	7	51	15	1.52	0.19	22	1.19	407	10	109	304	15	8.35	<5	<5	<10	147	1573	<2	27	<10	7	35
28124	1328223	0.061	<1	5.03	29	282	<2	29	0.58	<4	7	26	11	1.49	0.08	24	1.40	504	3	68	350	25	7.34	6	8	<10	175	1741	<2	28	<10	7	37
28125	1328224	0.021	<1	4.57	23	198	2	9	0.71	<4	7	4	18	1.19	0.11	28	1.50	414	<1	22	313	8	7.45	<5	13	<10	143	1585	<2	24	<10	6	15
28126	1328225	0.013	<1	5.57	17	235	<2	10	0.38	<4	6	<1	21	1.19	0.15	31	1.92	510	<1	16	330	6	7.53	<5	<5	<10	107	1694	3	25	<10	7	6
28127	1328226	0.009	<1	4.16	21	352	2	13	0.51	<4	6	2	9	1.40	0.10	30	1.75	593	<1	20	307	46	6.92	<5	6	<10	135	1652	<2	25	<10	6	78
28128	1328227	0.007	<1	5.33	35	307	<2	11	0.53	<4	7	<1	8	1.34	0.20	21	1.76	473	<1	20	324	18	6.76	<5	6	<10	130	1511	20	24	<10	7	29
28129	1328228	0.033	<1	5.32	30	224	<2	30	0.81	<4	6	<1	20	1.73	0.24	17	2.27	975	<1	14	318	61	7.42	<5	16	<10	136	1487	<2	23	<10	8	349
28130	1328229	0.031	<1	3.76	31	261	<2	12	<0.01	<4	6	7	9	1.56	0.14	30	1.91	578	<1	29	290	51	7.91	<5	<5	<10	106	1472	28	23	<10	6	379
28131D	1328229	0.023	<1	1.96	24	249	<2	6	<0.01	<4	6	8	9	1.52	0.20	30	1.69	569	<1	32	280	48	8.87	<5	7	<10	103	1483	<2	23	<10	4	362
28132	1328230	<0.005	<1	1.19	22	91	<2	8	1.20	<4	16	42	21	3.14	0.18	12	0.85	675	<1	33	539	12	9.53	<5	5	<10	288	2992	<2	111	31	9	43
28133	1328231	0.029	2	1.76	28	265	2	19	0.53	8	7	4	24	1.50	0.12	32	1.45	657	<1	26	271	398	9.29	<5	<5	<10	99	1595	5	24	27	4	2219
28134	1328232	0.046	<1	1.66	28	349	<2	8	0.36	<4	7	6	9	1.36	0.01	31	1.34	638	<1	28	292	41	>10.00	<5	14	11	119	1663	2	25	<10	3	205
28135	1328233	0.134	2	4.77	29	254	<2	30	<0.01	<4	6	7	55	1.37	0.12	24	1.39	539	<1	17	306	231	7.87	7	<5	<10	117	1455	9	26	18	7	961
28136	1328234	0.046	1	4.31	58	278	<2	12	<0.01	<4	8	3	24	1.23	0.03	27	1.19	364	<1	19	397	106	9.57	<5	<5	<10	109	1642	<2	27	<10	6	719
28137	1328235	0.086	<1	4.31	34	228	<2	20	<0.01	<4	6	8	7	1.14	0.13	16	0.83	248	<1	24	365	38	8.18	<5	<5	<10	75	1478	<2	26	<10	6	28
28138	1328236	0.167	1	3.83	39	214	<2	1	<0.01	<4	6	12	12	1.20	0.18	20	0.79	278	<1	31	372	35	>10.00	<5	<5	<10	80	1510	6	27	<10	5	27
28139	1328237	1.354	11	3.03	59	228	<2	7	<0.01	<4	7	12	45	1.38	0.06	4	0.37	<100	<1	17	324	53	8.05	11	6	<10	76	1242	<2	27	<10	5	29
28140	1328238	0.939	5	1.48	62	244	<2	16	<0.01	6	6	19	72	1.75	0.18	8	0.30	<100	<1	38	308	453	9.48	5	7	<10	74	1179	<2	36	21	4	2166
28141	1328239	0.048	3	>10.00	34	664	<2	47	1.64	<4	11	74	57	1.93	0.87	45	1.04	568	6	53	471	206	>10.00	6	9	13	91	1755	10	58	<10	8	198

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 Date Completed: 03/01/2013
 Job #: 201340342
 Reference: TL13-313
 Sample #: 147

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28142D	1328239	0.044	4	>10.00	28	665	2	53	1.68	<4	11	75	59	1.95	1.01	46	1.07	575	7	52	490	205	>10.00	7	14	13	95	1755	13	58	<10	9	229
28143	1328240	4.599	64	0.77	52	136	<2	9	0.38	19	14	22	48	2.90	0.04	11	0.63	507	<1	23	487	551	9.20	69	<5	213	245	2030	5	86	65	8	1760
28144	1328241	0.269	7	3.11	30	418	<2	20	0.45	6	8	20	138	1.46	0.06	14	0.93	771	1	39	363	982	8.24	6	<5	<10	89	1629	<2	42	31	5	2679
28145	1328242	0.039	4	0.54	42	995	<2	20	0.60	<4	8	36	36	1.23	<0.01	15	0.39	472	4	44	490	86	>10.00	<5	10	<10	104	1804	<2	43	<10	<2	392
28146	1328243	0.021	1	1.03	30	459	<2	10	<0.01	<4	7	10	14	1.17	0.10	9	0.66	791	<1	36	327	50	8.74	<5	<5	<10	94	1556	<2	36	<10	3	327
28147	1328244	0.033	<1	3.99	28	438	<2	10	<0.01	<4	6	13	17	1.00	0.19	<1	0.49	209	<1	37	382	35	5.49	<5	<5	<10	64	1417	<2	38	<10	5	31
28148	1328245	0.021	<1	4.35	32	354	<2	16	<0.01	<4	6	15	9	1.00	0.14	6	0.71	328	1	43	372	49	6.77	<5	8	<10	78	1408	5	40	<10	5	25
28149	1328246	0.051	<1	4.11	39	254	<2	24	<0.01	<4	7	23	17	1.38	0.20	13	1.24	464	3	54	372	54	6.68	<5	8	<10	80	1338	<2	44	<10	5	120
28150	1328247	0.076	<1	3.44	30	264	<2	15	0.24	<4	7	11	20	1.25	0.18	17	1.14	1064	<1	34	340	40	8.79	<5	14	<10	98	1454	<2	37	<10	5	46
28151	1328248	0.030	2	5.18	33	488	<2	17	0.56	<4	6	10	12	1.36	0.19	15	1.73	568	<1	29	325	34	5.56	<5	9	<10	96	1272	15	28	<10	2	63
28152	1328249	0.012	4	>10.00	16	555	2	60	1.34	<4	4	32	3	1.17	1.05	53	1.52	261	8	44	366	18	>10.00	<5	12	10	113	1025	12	31	<10	6	35
28153R	1328249	0.012	2	>10.00	16	522	2	85	1.31	<4	4	26	2	1.16	1.10	53	1.77	257	6	32	351	11	>10.00	6	19	<10	105	908	20	26	<10	6	31
28154	1328250	<0.005	3	3.53	29	444	<2	13	2.16	<4	15	49	21	2.94	0.13	10	0.94	620	<1	27	516	18	7.85	<5	14	<10	303	2826	<2	102	21	8	42
28155	1328251	0.022	3	4.26	40	553	<2	22	0.65	<4	6	24	5	1.48	0.07	37	2.40	266	4	38	310	34	9.53	<5	<5	<10	113	1104	<2	29	<10	<2	36
28156	1328252	0.101	3	3.80	44	500	<2	19	0.78	<4	6	19	46	1.37	<0.01	35	1.90	277	2	25	305	39	8.41	<5	<5	<10	121	1054	<2	28	<10	<2	55
28157	1328253	0.039	5	3.19	37	906	2	6	1.85	<4	7	58	9	1.32	<0.01	54	1.48	397	9	45	345	50	>10.00	<5	15	<10	164	1305	11	36	<10	<2	97
28158	1328254	0.027	4	2.64	36	758	<2	9	1.62	<4	6	33	6	1.22	0.02	39	1.61	289	4	26	319	39	>10.00	5	10	<10	133	1348	9	33	<10	<2	28
28159	1328255	0.038	4	2.39	38	727	<2	8	1.09	<4	7	27	14	1.14	0.03	20	0.74	229	3	28	266	68	>10.00	<5	5	<10	111	1433	<2	32	<10	<2	59
28160	1328256	0.043	3	2.42	37	689	<2	16	0.93	<4	6	70	16	1.37	0.08	20	0.85	255	17	112	289	67	>10.00	<5	<5	<10	105	1457	14	29	<10	<2	58
28161	1328257	0.129	4	1.59	278	688	<2	16	1.25	<4	11	94	42	1.76	<0.01	21	0.53	245	11	97	372	71	>10.00	<5	<5	<10	117	1637	15	48	<10	<2	95

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28162	1328258	0.110	4	1.98	105	527	<2	6	0.39	<4	20	196	41	2.66	0.02	19	0.33	164	11	144	489	87	>10.00	<5	<5	11	100	1917	<2	116	10	4	111
28163	1328259	0.315	5	2.26	66	594	2	30	0.81	<4	21	202	79	2.66	<0.01	20	0.34	209	13	151	531	122	>10.00	13	<5	<10	110	1821	<2	102	<10	3	84
28164D	1328259	0.301	5	6.59	79	656	2	15	1.26	<4	21	210	85	2.85	0.05	27	0.60	220	14	149	595	131	>10.00	16	<5	10	127	1911	17	108	<10	6	74
28165	1328260	0.186	3	1.32	413	>5000	<2	29	1.19	<4	6	24	33	2.91	0.09	5	0.09	<100	12	14	115	30	8.84	20	<5	<10	161	870	34	17	53	3	16
28166	1328261	4.630	49	5.48	127	641	<2	7	0.34	50	9	134	424	2.01	<0.01	12	0.28	105	31	192	351	2861	9.62	99	5	<10	101	1420	<2	53	105	3	13106
28167	1328262	1.313	14	4.34	79	595	<2	9	0.30	5	7	96	99	1.51	<0.01	10	0.19	<100	23	160	555	678	9.23	31	<5	<10	98	1191	<2	35	24	2	1766
28168	1328263	0.207	5	5.26	41	695	<2	2	1.00	<4	8	73	43	1.61	<0.01	23	0.53	215	14	108	507	152	>10.00	<5	13	<10	122	1743	<2	38	16	<2	667
28169	1328264	0.098	6	5.17	42	1022	<2	19	2.55	<4	10	119	11	2.05	<0.01	33	0.67	406	25	176	472	64	>10.00	<5	<5	<10	179	2155	<2	44	<10	<2	140
28170	1328265	0.281	5	4.72	40	895	2	29	2.09	<4	8	69	22	1.61	0.05	32	0.57	334	14	88	433	73	>10.00	<5	8	<10	171	2045	16	39	<10	<2	200
28171	1328266	8.953	142	2.58	105	536	2	12	0.26	<4	8	51	142	1.12	0.08	10	0.13	<100	13	86	337	1660	9.63	93	17	<10	93	1626	<2	33	20	<2	1406
28172	1328267	0.503	6	3.07	40	695	<2	15	0.60	<4	9	67	16	1.36	0.10	19	0.27	136	10	98	462	66	9.82	<5	15	<10	115	2007	<2	42	10	<2	79
28173	1328268	0.020	4	2.62	24	729	<2	4	2.07	<4	10	86	18	1.98	0.09	29	0.57	408	17	149	436	37	>10.00	5	<5	<10	156	2051	<2	43	<10	<2	39
28174	1328269	0.015	3	2.80	33	748	<2	15	2.35	<4	10	50	9	1.94	0.06	24	0.65	420	8	70	457	31	>10.00	6	<5	<10	163	2094	<2	41	<10	<2	41
28175D	1328269	0.015	4	2.94	31	767	<2	22	2.36	<4	10	47	9	1.85	<0.01	25	0.63	406	6	66	460	33	>10.00	<5	5	<10	163	2103	<2	40	<10	<2	46
28176	1328270	0.006	3	4.91	26	510	<2	2	2.45	<4	15	53	22	3.05	0.30	15	1.02	629	<1	27	541	17	8.91	<5	13	<10	323	2868	<2	105	25	10	41
28177	1328271	0.122	3	7.02	39	641	<2	36	2.86	<4	8	55	19	1.92	0.04	28	0.98	503	9	82	510	77	8.50	<5	9	<10	175	1959	15	40	<10	2	86
28178	1328272	0.014	3	7.38	26	677	2	28	2.50	<4	12	95	15	2.01	<0.01	26	1.54	537	4	88	763	37	8.36	<5	7	16	202	2295	<2	47	<10	4	58
28179	1328273	0.082	4	7.08	44	564	<2	26	1.57	<4	9	75	15	1.70	<0.01	21	0.66	315	14	120	456	74	>10.00	<5	<5	<10	169	2030	<2	41	<10	2	115
28180	1328274	0.327	3	6.78	26	472	<2	8	1.65	<4	9	60	10	1.74	<0.01	22	0.81	335	10	91	489	29	8.92	<5	9	<10	177	1976	<2	40	<10	2	44
28181	1328275	0.031	5	4.17	25	694	<2	6	2.23	<4	9	107	25	2.06	<0.01	31	0.69	399	23	168	453	62	>10.00	8	8	<10	232	1899	<2	42	12	<2	209

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/13/2013
 Date Completed: 03/01/2013
 Job #: 201340342
 Reference: TL13-313
 Sample #: 147

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28182	1328276	0.053	5	4.67	28	753	2	16	2.50	<4	9	53	25	1.81	<0.01	33	0.74	410	9	62	462	45	>10.00	<5	<5	<10	240	1979	6	41	<10	<2	123

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Friday, March 8, 2013


Final Certificate

Treasury Metals Inc
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 Toronto, On, CAN
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 02/15/2013
 Date Completed: 03/04/2013
 Job #: 201340350
 Reference: TL 13-314
 Sample #: 198

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28647	1328277	0.114	4	4.45	33	571	2	17	1.49	<4	23	132	45	3.27	<0.01	28	1.09	740	2	64	525	37	9.71	<5	20	<10	195	2426	<2	83	<10	5	70
28648	1328278	0.022	3	4.78	30	783	<2	11	1.01	<4	10	21	15	0.92	0.03	14	0.55	269	<1	24	373	53	7.31	<5	7	<10	244	1781	<2	39	<10	<2	97
28649	1328279	0.030	4	3.32	29	570	<2	8	2.07	<4	9	17	17	1.82	0.06	18	0.82	783	<1	17	422	275	8.95	<5	8	<10	195	1897	<2	37	16	2	630
28650	1328280	2.375	4	2.39	24	583	<2	5	2.42	<4	18	60	31	3.44	0.06	16	0.76	686	1	38	540	25	>10.00	<5	10	<10	309	3015	<2	116	24	5	56
28651	1328281	0.025	3	3.28	34	629	<2	3	1.78	<4	9	17	10	1.77	0.01	18	0.56	699	<1	24	412	41	>10.00	<5	7	<10	177	1939	<2	37	<10	<2	69
28652	1328282	0.016	3	6.94	53	932	<2	11	1.73	<4	10	12	4	2.08	<0.01	18	0.97	564	<1	19	546	48	9.20	<5	5	<10	197	1943	<2	37	<10	3	46
28653	1328283	0.054	3	>10.00	68	907	2	25	3.40	<4	15	31	15	3.15	<0.01	34	1.70	1112	1	33	1032	108	9.84	<5	<5	<10	242	3355	<2	65	<10	5	156
28654	1328284	0.066	3	6.96	36	484	<2	22	1.63	<4	10	9	27	1.23	0.03	16	0.97	510	<1	20	640	50	7.67	<5	<5	<10	144	2053	<2	36	<10	3	383
28655	1328285	0.101	3	6.91	38	456	<2	<1	0.80	<4	9	16	18	0.87	0.04	16	0.77	462	1	26	612	71	7.97	5	6	<10	102	1866	<2	34	<10	2	114
28656	1328286	0.095	2	9.10	34	458	2	8	1.19	<4	8	26	8	0.80	1.16	56	0.45	211	5	27	839	66	4.62	<5	<5	<10	110	1930	25	36	<10	4	170
28657D	1328286	0.096	2	9.33	42	454	2	<1	1.13	<4	7	25	8	0.79	1.18	52	0.48	207	5	27	989	66	4.01	<5	<5	<10	101	1929	18	35	<10	4	152
28658	1328287	0.087	5	4.53	45	761	<2	<1	1.00	<4	9	33	8	0.77	<0.01	20	0.17	<100	4	25	541	37	>10.00	<5	<5	<10	128	1838	<2	34	<10	<2	69
28659	1328288	0.146	4	4.12	42	572	<2	<1	0.49	<4	7	19	9	0.69	0.07	12	0.19	<100	<1	23	561	49	>10.00	<5	<5	<10	102	1812	<2	34	<10	<2	40
28660	1328289	0.077	4	3.58	51	589	2	10	1.06	<4	11	20	18	0.94	0.07	22	0.67	903	<1	33	608	89	>10.00	<5	<5	<10	128	2053	<2	40	<10	<2	67
28661	1328290	<0.005	3	3.00	27	511	<2	3	2.38	<4	16	55	22	3.12	0.06	13	0.82	648	<1	34	526	18	9.24	<5	<5	<10	321	2962	<2	110	28	7	46
28662	1328291	0.114	5	3.06	62	725	<2	12	0.79	<4	12	20	16	0.97	0.01	20	0.33	396	3	27	613	50	>10.00	<5	<5	12	118	2180	<2	39	<10	<2	57
28663	1328292	0.230	5	1.99	47	646	<2	11	0.40	<4	9	20	9	0.84	0.04	14	0.14	<100	2	21	572	77	>10.00	<5	<5	<10	102	1799	<2	34	<10	<2	55
28664	1328293	0.230	2	3.57	43	238	<2	<1	<0.01	<4	7	<1	8	0.92	0.23	<1	0.25	<100	<1	15	525	48	5.89	<5	11	10	62	1324	2	25	<10	2	33
28665	1328294	0.206	4	6.00	47	537	2	20	1.03	<4	7	18	22	1.24	0.07	21	0.57	482	2	18	511	209	>10.00	<5	7	<10	125	1719	13	29	<10	<2	263
28666	1328295	0.154	3	6.82	46	590	<2	14	0.66	<4	7	16	13	0.93	0.08	15	0.46	218	4	24	614	100	8.89	<5	<5	<10	103	2051	<2	35	<10	2	117

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/15/2013
 Date Completed: 03/04/2013
 Job #: 201340350
 Reference: TL 13-314
 Sample #: 198

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28667	1328296	0.181	4	7.11	53	627	<2	7	0.81	<4	8	16	15	0.98	0.05	18	0.44	195	3	14	556	119	>10.00	<5	11	11	109	1997	<2	33	<10	<2	108
28668D	1328296	0.164	4	7.25	53	611	<2	16	0.79	<4	8	14	16	1.05	<0.01	16	0.46	198	2	14	563	125	9.80	<5	13	<10	107	1960	<2	33	<10	<2	114
28669	1328297	0.033	4	6.23	37	763	2	11	2.51	<4	7	23	7	1.30	<0.01	27	0.88	739	2	16	566	70	>10.00	<5	16	<10	160	2125	<2	36	<10	<2	91
28670	1328298	0.048	6	5.73	49	990	2	2	3.06	<4	8	37	12	1.47	<0.01	33	0.69	716	5	25	571	80	>10.00	<5	<5	10	196	2198	<2	37	<10	<2	75
28671	1328299	0.051	4	3.45	35	727	<2	29	2.26	<4	8	17	12	2.04	<0.01	18	0.54	647	1	20	546	45	>10.00	<5	8	<10	177	2012	27	36	11	<2	50
28672	1328300	5.009	64	2.86	56	556	<2	18	1.52	19	15	35	50	3.00	0.09	12	0.58	492	3	24	476	580	9.09	67	7	217	274	2047	<2	88	69	6	1783
28673	1328301	0.012	3	3.58	33	588	2	19	1.83	<4	8	12	12	1.56	0.07	20	0.57	567	<1	16	615	32	8.86	<5	<5	<10	172	2348	<2	38	<10	<2	46
28674	1328302	0.013	4	2.47	31	977	2	6	2.05	<4	8	20	10	1.68	0.07	19	0.54	672	1	18	574	46	>10.00	<5	<5	<10	192	2225	<2	36	<10	<2	43
28675	1328303	0.025	4	1.68	29	877	<2	3	1.88	<4	9	19	9	1.82	0.12	21	0.58	678	2	27	594	34	>10.00	5	6	<10	172	2267	<2	36	<10	<2	52
28676	1328304	0.092	3	4.84	42	797	<2	28	1.52	<4	8	15	10	1.67	0.11	23	0.94	646	<1	22	579	39	9.27	<5	<5	<10	129	2054	<2	33	<10	<2	89
28677	1328305	0.318	4	3.99	40	1074	<2	11	2.11	<4	9	36	14	1.82	0.15	23	0.84	715	3	31	582	125	>10.00	6	<5	<10	178	2158	31	37	<10	<2	122
28678	1328306	0.129	4	4.52	42	552	<2	15	1.34	<4	5	33	28	1.24	0.14	15	0.55	408	2	27	387	62	>10.00	<5	8	<10	139	1407	<2	25	<10	<2	38
28679D	1328306	0.108	3	5.50	48	609	<2	14	1.57	<4	5	44	29	1.22	0.16	18	0.55	400	4	36	419	65	>10.00	<5	5	<10	149	1408	<2	25	<10	<2	37
28680	1328307	0.147	<1	<0.01	35	<1	<2	<1	<0.01	<4	4	11	7	1.24	<0.01	<1	0.40	253	<1	42	456	46	0.93	<5	<5	<10	26	878	<2	17	<10	2	26
28681	1328308	0.059	8	0.81	26	1051	2	17	0.92	7	7	55	56	1.37	0.10	23	0.16	288	7	46	466	538	>10.00	<5	6	<10	141	2018	<2	32	30	<2	2288
28682	1328309	0.052	5	1.64	25	526	<2	13	1.36	<4	5	47	149	1.52	0.06	15	0.45	560	7	53	324	62	>10.00	<5	<5	<10	138	1400	11	25	<10	<2	59
28683	1328310	0.006	4	2.95	23	653	<2	5	2.60	<4	16	65	23	3.11	0.08	19	0.71	650	3	30	555	20	>10.00	<5	<5	<10	328	3093	<2	110	28	5	53
28684	1328311	0.111	3	2.88	43	601	<2	11	0.66	<4	7	21	8	0.98	0.11	14	0.36	321	3	29	437	52	9.47	<5	7	10	124	1812	<2	31	<10	<2	30
28685	1328312	0.127	3	2.40	43	572	<2	10	0.70	<4	7	25	6	1.03	0.21	15	0.38	389	3	38	425	77	9.49	<5	<5	<10	132	1728	<2	29	<10	<2	110
28686	1328313	0.031	3	2.95	27	573	2	14	1.20	<4	8	16	16	1.17	0.14	17	0.54	574	2	28	478	34	8.31	<5	<5	<10	173	1909	<2	33	<10	<2	23

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Date Received: 02/15/2013
 Date Completed: 03/04/2013
 Job #: 201340350
 Reference: TL 13-314
 Sample #: 198

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28687	1328314	0.025	3	1.54	40	647	<2	10	1.25	<4	9	20	32	1.41	0.05	18	0.40	562	2	27	468	32	9.95	<5	<5	<10	195	1789	<2	34	<10	<2	31
28688	1328315	0.064	2	2.85	33	532	<2	7	0.74	<4	9	12	23	1.34	0.13	15	0.50	543	<1	31	435	28	7.33	<5	11	<10	168	1821	2	34	<10	<2	43
28689	1328316	0.084	3	1.88	29	580	<2	4	0.88	<4	9	19	24	1.25	0.05	16	0.37	505	2	32	416	28	8.92	<5	<5	<10	178	1768	<2	33	<10	<2	36
28690D	1328316	0.036	2	2.73	27	443	<2	<1	0.51	<4	9	15	23	1.26	0.12	11	0.49	496	<1	36	430	26	6.24	<5	<5	<10	148	1677	<2	31	<10	<2	36
28691	1328317	0.045	3	2.79	30	488	<2	9	0.91	<4	7	15	22	1.33	0.02	15	0.51	656	<1	26	447	26	8.23	<5	8	<10	184	1792	<2	33	<10	<2	36
28692	1328318	0.487	4	2.07	45	543	<2	<1	0.66	<4	11	32	23	1.36	0.02	19	0.38	531	6	54	475	400	9.47	<5	<5	<10	172	1875	6	49	<10	<2	403
28693	1328319	0.137	4	2.10	50	663	<2	15	0.81	<4	9	28	14	1.15	0.08	23	0.33	450	4	34	427	62	>10.00	<5	8	<10	186	1819	<2	40	<10	<2	90
28694	1328320	0.433	5	1.35	60	503	<2	<1	1.22	5	14	41	2188	4.87	0.13	33	0.39	1077	18	21	617	96	>10.00	<5	<5	<10	219	1139	<2	59	15	<2	553
28695	1328321	0.094	6	2.78	48	624	<2	21	1.01	<4	11	32	63	1.29	0.08	22	0.34	513	5	38	377	152	>10.00	<5	14	<10	225	1619	<2	41	<10	<2	255
28696	1328322	0.039	4	4.31	43	516	<2	4	0.85	<4	17	29	20	1.23	0.09	18	0.47	605	6	53	383	39	9.21	<5	<5	<10	206	1607	<2	48	<10	<2	37
28697	1328323	0.032	3	3.92	40	527	<2	<1	0.88	<4	12	23	16	1.17	0.16	17	0.49	495	4	42	427	31	8.54	<5	<5	<10	205	1732	<2	47	<10	<2	50
28698	1328324	0.108	3	2.70	38	517	<2	18	1.11	<4	10	32	14	1.64	0.12	17	0.48	607	4	39	385	25	8.39	<5	10	<10	195	1964	<2	47	<10	<2	49
28699	1328325	0.067	3	2.95	35	488	<2	15	1.33	<4	10	45	17	1.87	0.14	18	0.58	675	6	59	414	23	8.22	<5	<5	<10	194	2120	<2	56	<10	<2	40
28700	1328326	0.051	2	3.31	35	467	<2	10	1.30	<4	10	38	17	2.01	<0.01	15	0.74	726	4	48	391	24	7.57	<5	<5	<10	183	2006	<2	50	<10	2	45
28701D	1328326	0.046	3	2.71	43	627	<2	7	1.54	<4	11	42	18	2.07	0.30	22	0.77	768	3	38	424	29	>10.00	<5	<5	<10	201	2174	<2	48	12	<2	62
28702	1328327	0.019	3	3.37	24	381	<2	4	1.06	<4	9	37	12	1.91	0.05	14	0.76	702	3	46	412	19	6.61	<5	<5	<10	167	1987	<2	49	<10	2	34
28703	1328328	0.034	3	3.02	40	479	<2	15	0.83	<4	11	24	9	1.70	0.05	16	0.40	379	4	40	369	25	7.81	<5	<5	<10	159	1943	<2	46	<10	<2	26
28704	1328329	0.032	3	2.57	27	431	<2	<1	1.34	<4	9	28	25	2.50	<0.01	17	0.66	677	2	35	401	25	9.13	<5	<5	<10	193	2053	7	46	<10	<2	63
28705	1328330	0.007	5	4.03	29	832	<2	<1	3.11	<4	17	80	26	3.32	0.19	26	0.71	691	5	32	593	30	>10.00	<5	20	<10	362	3326	<2	117	34	4	65
28706	1328331	0.046	5	2.79	45	539	<2	14	1.52	<4	9	49	16	1.60	0.09	20	0.40	446	7	47	357	28	>10.00	<5	<5	<10	182	1569	<2	39	<10	<2	39

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Date Received: 02/15/2013
 Date Completed: 03/04/2013
 Job #: 201340350
 Reference: TL 13-314
 Sample #: 198

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28707	1328332	0.057	3	3.89	31	540	<2	14	1.38	<4	8	48	14	1.94	0.15	22	0.60	597	8	57	478	28	9.05	<5	5	<10	189	2288	<2	60	<10	<2	32
28708	1328333	0.154	4	4.04	31	562	<2	2	1.43	<4	8	48	14	1.88	0.15	21	0.61	819	6	53	423	36	9.61	<5	19	<10	187	1969	<2	53	<10	<2	35
28709	1328334	0.188	4	3.67	38	512	<2	12	0.84	<4	11	23	12	1.17	0.04	17	0.41	431	3	34	380	39	8.97	<5	<5	<10	171	1733	<2	43	<10	<2	49
28710	1328335	0.064	3	3.08	37	569	<2	10	1.04	<4	9	34	14	1.60	0.13	20	0.44	526	4	43	455	34	9.77	<5	<5	<10	195	1774	9	51	<10	<2	28
28711	1328336	0.136	3	3.63	42	497	<2	10	1.01	<4	8	24	15	1.37	0.07	17	0.51	520	4	33	443	30	8.75	<5	<5	<10	189	1697	<2	44	<10	<2	26
28712R	1328336	0.112	3	3.75	34	478	<2	15	0.98	<4	9	29	15	1.48	0.04	17	0.53	540	5	45	461	33	8.50	<5	9	10	190	1711	<2	50	<10	<2	24
28713	1328337	0.112	3	2.47	42	552	<2	6	0.81	<4	8	38	11	1.29	0.06	17	0.30	408	7	56	454	65	9.81	<5	9	<10	190	1692	5	51	<10	<2	57
28714	1328338	0.113	3	4.79	45	507	<2	20	1.16	<4	8	37	18	1.42	<0.01	17	0.73	698	6	49	517	69	7.65	<5	17	10	201	1882	<2	54	<10	<2	95
28715	1328339	0.042	3	3.09	33	442	<2	19	0.87	<4	12	25	15	1.21	0.05	15	0.51	565	<1	32	431	37	7.67	<5	10	<10	181	1788	<2	44	<10	<2	59
28716	1328340	1.883	4	2.19	26	582	2	13	2.40	<4	18	60	32	3.56	0.10	15	0.77	711	2	32	564	21	>10.00	<5	<5	<10	314	3109	3	121	31	5	53
28717	1328341	0.052	4	3.52	34	616	<2	4	1.24	<4	12	38	12	1.38	0.21	23	0.36	442	4	37	476	45	>10.00	<5	<5	<10	195	1803	<2	47	<10	<2	60
28718	1328342	0.013	4	3.73	39	739	<2	11	1.37	<4	8	52	11	1.09	0.08	27	0.36	475	7	39	432	36	>10.00	<5	5	<10	203	1976	<2	50	<10	<2	36
28719	1328343	0.007	3	2.80	26	505	<2	21	0.68	<4	6	36	8	0.91	0.20	30	0.44	369	4	34	338	31	9.61	<5	<5	<10	160	1990	<2	49	<10	<2	122
28720	1328344	0.012	4	4.03	34	607	2	13	1.05	<4	6	39	7	1.07	0.25	25	0.33	325	5	39	380	40	>10.00	<5	12	<10	190	1903	<2	48	13	<2	76
28721	1328345	0.135	7	4.95	35	293	2	7	0.77	4	5	23	5	1.68	0.14	14	0.48	401	4	37	359	360	8.15	<5	10	<10	177	1407	<2	37	23	<2	1814
28722	1328346	0.028	4	3.79	41	552	<2	21	1.25	<4	5	32	17	1.17	0.18	19	0.40	468	7	40	351	46	>10.00	<5	<5	14	203	1626	<2	38	<10	<2	62
28723D	1328346	0.032	3	3.94	46	419	<2	<1	1.03	<4	4	29	16	1.15	0.18	14	0.41	450	5	39	331	43	9.43	7	<5	<10	189	1519	<2	40	<10	<2	54
28724	1328347	0.024	3	4.42	32	459	<2	13	1.25	<4	6	28	13	1.29	0.09	15	0.45	462	6	43	352	34	8.29	5	19	<10	190	1501	<2	43	<10	<2	39
28725	1328348	0.031	4	2.39	21	485	<2	5	1.53	<4	6	30	21	1.26	0.22	17	0.34	505	5	36	394	41	>10.00	<5	9	<10	207	1414	13	37	<10	<2	37
28726	1328349	0.007	2	4.24	36	258	<2	33	1.09	<4	4	17	7	1.03	0.13	14	0.62	583	2	26	374	27	6.80	<5	10	<10	177	1555	<2	37	<10	<2	19

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28727	1328350	<0.005	2	4.64	24	428	<2	17	2.27	<4	16	53	22	3.27	0.14	10	1.13	667	<1	28	574	22	6.57	9	9	<10	319	2878	<2	111	30	11	45
28728	1328351	0.034	3	2.30	33	355	<2	30	1.41	<4	5	19	11	1.18	0.13	19	0.63	761	<1	16	356	35	9.38	<5	5	<10	190	1689	31	30	<10	<2	30
28729	1328352	1.914	138	5.03	44	427	<2	7	2.20	<4	6	52	102	1.47	0.05	23	1.10	1186	21	61	389	586	>10.00	40	<5	<10	206	1631	<2	33	14	<2	653
28730	1328353	0.066	7	2.57	39	575	<2	6	1.31	<4	6	70	25	1.33	0.08	24	0.68	777	10	64	456	91	>10.00	<5	<5	<10	176	1877	<2	41	<10	<2	74
28731	1328354	0.029	2	4.24	34	<1	<2	16	0.01	<4	6	46	7	1.58	0.11	23	1.02	714	7	80	413	34	>10.00	<5	13	<10	146	1671	2	41	<10	5	46
28732	1328355	0.217	6	3.55	44	623	<2	15	1.46	<4	12	126	31	3.05	0.04	34	1.34	1522	23	177	692	76	9.73	6	19	10	215	2923	<2	73	<10	2	165
28733	1328356	0.239	4	1.92	28	325	<2	21	0.92	<4	6	55	25	1.52	0.34	17	0.83	785	9	78	381	53	8.46	5	10	<10	153	1652	<2	38	<10	<2	125
28734D	1328356	0.235	5	1.15	34	461	<2	14	1.20	<4	6	71	25	1.46	0.10	20	0.60	724	13	92	366	57	>10.00	<5	5	<10	165	1608	<2	36	<10	<2	121
28735	1328357	0.088	3	3.19	37	337	<2	<1	1.26	<4	5	36	11	1.23	0.01	16	0.68	690	5	52	380	45	7.93	7	6	<10	167	1613	<2	31	<10	<2	56
28736	1328358	0.092	3	1.89	53	282	<2	17	1.29	<4	5	58	10	1.32	0.12	14	0.57	668	10	79	474	38	8.29	<5	6	<10	144	1443	<2	29	<10	<2	134
28737	1328359	0.016	4	2.00	28	418	<2	20	1.39	<4	4	53	9	0.94	0.18	18	0.49	586	9	64	570	46	>10.00	<5	8	<10	163	1503	<2	27	<10	<2	58
28738	1328360	6.488	69	1.26	53	576	<2	14	1.42	20	14	41	52	3.02	0.17	11	0.46	511	4	29	515	585	8.88	69	<5	229	270	2090	<2	89	68	4	1860
28739	1328361	0.062	3	3.39	40	370	<2	14	1.17	<4	6	49	19	1.32	0.09	13	0.63	540	9	83	368	39	6.82	5	9	<10	153	1689	8	33	10	<2	50
28740	1328362	0.164	2	3.53	40	346	<2	18	1.37	<4	5	40	13	1.27	0.21	14	0.72	648	7	74	349	41	7.23	<5	16	<10	151	1718	<2	29	<10	<2	48
28741	1328363	0.077	3	4.89	35	373	<2	8	1.04	<4	5	29	8	1.07	0.08	14	0.78	573	5	45	375	38	7.53	<5	20	<10	124	1759	4	31	<10	<2	33
28742	1328364	0.053	5	2.29	35	501	2	5	1.22	<4	3	41	15	0.66	0.15	21	0.40	339	5	26	269	64	>10.00	7	11	<10	124	1275	17	21	<10	<2	35
28743	1328365	0.066	3	2.97	49	462	2	10	0.89	<4	6	22	24	1.20	0.10	28	0.88	728	2	17	362	36	9.83	6	9	<10	124	1763	19	29	<10	<2	40
28744	1328366	0.049	3	2.12	47	524	<2	21	1.15	<4	5	20	17	1.12	0.16	37	0.90	763	1	11	364	38	>10.00	<5	<5	<10	133	1742	<2	31	<10	<2	32
28745D	1328366	0.047	3	1.38	37	522	<2	17	1.12	<4	5	23	15	1.00	<0.01	33	0.72	698	3	14	336	34	>10.00	7	<5	<10	130	1643	9	28	<10	<2	33
28746	1328367	0.050	4	0.99	45	550	<2	3	1.29	<4	6	37	17	0.90	<0.01	25	0.52	589	5	27	353	43	>10.00	<5	9	<10	134	1708	<2	29	<10	<2	181

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28747	1328368	0.046	<1	<0.01	34	<1	<2	<1	<0.01	<4	4	<1	9	0.92	<0.01	<1	1.18	647	<1	20	320	22	0.43	<5	10	<10	22	381	4	8	<10	2	82
28748	1328369	0.529	5	1.73	47	420	2	19	0.63	<4	6	28	144	0.82	<0.01	16	0.32	231	4	28	282	189	>10.00	<5	14	<10	104	1288	<2	23	14	<2	1055
28749	1328370	0.016	3	2.27	28	556	<2	6	2.29	<4	15	62	26	3.09	0.05	15	0.70	641	3	26	536	28	9.53	<5	7	11	313	2989	<2	108	31	5	75
28750	1328371	0.464	5	1.14	43	560	<2	6	0.57	<4	7	39	15	0.57	<0.01	15	0.12	<100	5	31	277	109	>10.00	<5	5	11	116	1291	<2	24	<10	<2	163
28751	1328372	0.223	7	<0.01	57	838	2	9	0.85	<4	9	72	35	0.60	<0.01	18	0.06	<100	11	62	337	61	>10.00	8	16	<10	142	1469	7	24	<10	<2	215
28752	1328373	4.911	5	2.17	65	459	<2	49	0.18	<4	8	27	29	0.80	0.05	13	0.19	<100	3	30	335	61	8.84	6	<5	11	93	1534	<2	29	<10	<2	367
28753	1328374	0.195	4	1.54	41	456	<2	69	0.53	<4	9	23	14	0.76	<0.01	23	0.43	347	2	26	364	44	9.36	<5	9	17	110	1705	<2	30	<10	<2	102
28754	1328375	3.492	8	2.08	97	368	2	3	0.61	<4	9	29	74	2.02	<0.01	17	0.40	293	4	39	292	282	9.86	9	6	<10	111	1401	<2	26	12	<2	465
28755	1328376	2.334	8	2.39	85	337	<2	24	0.61	<4	10	29	71	1.83	<0.01	16	0.48	328	4	42	304	306	9.25	6	8	<10	113	1405	<2	26	10	<2	421
28756D	1328376	2.348	8	2.07	77	285	<2	9	0.48	<4	9	22	67	1.72	<0.01	13	0.45	302	4	37	285	295	8.53	7	18	<10	106	1279	<2	25	<10	<2	399
28757	1328377	1.052	8	8.56	48	166	<2	3	0.62	<4	7	27	74	1.69	0.74	33	0.81	337	<1	31	351	391	1.02	6	7	<10	97	1698	<2	32	<10	7	360
28758	1328378	0.188	5	2.06	59	559	2	21	1.20	<4	8	37	24	1.30	0.05	22	0.55	655	3	28	432	49	>10.00	<5	10	<10	135	1934	<2	37	<10	<2	67
28759	1328379	0.391	2	<0.01	42	<1	<2	5	<0.01	<4	5	<1	17	1.54	<0.01	<1	0.15	<100	<1	24	319	31	0.93	<5	<5	<10	5	<100	<2	4	<10	2	201
28760	1328380	0.413	5	2.23	65	490	2	31	1.31	5	14	43	2289	5.12	<0.01	33	0.43	1134	17	20	664	95	>10.00	<5	9	<10	228	1165	<2	62	16	<2	606
28761	1328381	0.887	6	3.19	50	461	<2	6	0.40	<4	6	24	47	1.39	0.18	20	0.37	264	3	26	358	50	9.22	<5	<5	10	99	1764	<2	30	15	<2	553
28762	1328382	0.084	5	1.38	44	621	<2	3	1.68	<4	7	38	15	1.05	0.03	27	0.64	1074	5	29	380	49	>10.00	6	19	<10	166	1802	<2	31	13	<2	158
28763	1328383	0.296	6	1.13	48	820	<2	13	1.08	<4	6	51	17	0.88	<0.01	23	0.19	310	7	28	355	83	>10.00	<5	12	<10	143	1728	<2	27	12	<2	187
28764	1328384	3.131	25	1.47	92	389	<2	6	0.22	16	10	43	270	2.80	<0.01	11	0.15	124	11	59	251	996	>10.00	11	<5	10	90	1292	<2	40	62	<2	6520
28765	1328385	0.774	5	1.89	69	524	<2	16	0.35	<4	7	44	31	1.85	<0.01	17	0.19	145	10	47	348	96	>10.00	6	11	<10	101	1718	<2	43	12	<2	423
28766	1328386	0.836	8	1.57	46	445	2	<1	0.76	<4	5	38	52	1.28	<0.01	17	0.35	487	6	43	330	228	8.99	7	<5	<10	130	1668	<2	41	10	<2	314

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28767D	1328386	0.761	8	2.70	42	456	<2	7	0.85	<4	6	37	56	1.33	<0.01	18	0.44	511	8	51	359	247	9.12	9	<5	10	135	1746	<2	45	10	<2	332
28768	1328387	1.284	6	2.57	50	554	<2	3	0.71	<4	7	55	13	1.30	<0.01	17	0.25	252	12	61	330	130	>10.00	7	17	10	128	1749	<2	48	<10	<2	166
28769	1328388	0.048	5	1.51	34	583	<2	14	1.95	<4	8	42	16	1.34	<0.01	19	0.60	673	5	37	351	65	>10.00	<5	9	11	187	1688	27	38	13	<2	60
28770	1328389	0.268	3	2.98	57	689	<2	38	1.69	<4	8	34	14	1.87	<0.01	18	0.55	550	6	40	555	35	9.56	6	<5	<10	180	2379	<2	51	<10	<2	22
28771	1328390	0.007	<1	<0.01	23	<1	<2	3	<0.01	<4	10	15	22	2.37	<0.01	<1	0.74	405	<1	22	519	10	0.11	<5	<5	11	39	1364	<2	58	26	8	38
28772	1328391	0.196	3	3.08	59	757	<2	11	1.66	<4	7	34	17	1.71	<0.01	23	0.52	556	5	31	571	44	>10.00	<5	5	<10	159	2494	<2	53	<10	<2	49
28773	1328392	0.463	4	3.16	48	701	2	13	2.05	<4	6	35	20	1.64	<0.01	23	0.65	623	6	39	552	50	>10.00	8	7	12	158	2160	<2	50	<10	<2	113
28774	1328393	0.062	4	1.75	59	741	<2	1	1.82	<4	8	33	14	2.33	<0.01	24	0.48	491	5	24	522	43	>10.00	<5	13	<10	144	2300	<2	47	10	<2	32
28775	1328394	0.080	6	1.97	81	991	2	11	2.41	<4	9	62	15	1.99	<0.01	25	0.51	589	10	44	506	99	>10.00	<5	11	<10	193	2105	<2	37	11	<2	351
28776	1328395	0.032	3	2.89	63	754	<2	<1	2.15	<4	9	31	12	2.08	<0.01	22	0.80	744	4	40	537	101	9.69	5	8	<10	169	2130	4	40	15	<2	99
28777	1328396	0.027	3	2.59	59	772	2	6	2.17	<4	8	28	10	2.02	<0.01	23	0.79	746	3	32	552	240	9.86	9	5	<10	169	2250	<2	41	11	<2	123
28778R	1328396	0.022	3	4.08	52	686	2	14	2.17	<4	8	28	10	1.99	<0.01	21	0.90	722	4	35	532	192	8.81	7	<5	<10	165	2126	14	39	12	<2	111
28779	1328397	0.047	3	3.76	49	599	2	10	2.82	<4	9	20	59	2.36	<0.01	19	1.23	1144	3	22	508	43	8.69	<5	<5	15	159	2022	2	37	<10	<2	60
28780	1328398	0.027	3	1.88	44	836	2	2	2.29	<4	9	34	41	2.04	<0.01	20	1.06	1085	5	53	514	65	8.74	<5	<5	<10	153	2103	40	39	<10	<2	41
28781	1328399	0.026	3	1.65	50	667	2	9	2.60	<4	9	28	19	1.89	<0.01	30	1.40	926	4	28	496	77	>10.00	<5	<5	<10	119	2043	12	35	13	<2	323
28782	1328400	1.983	3	2.34	25	667	2	4	2.56	<4	18	70	33	3.74	0.03	17	0.76	741	5	32	613	30	>10.00	<5	12	<10	326	3292	<2	125	37	5	60
28783	1328401	0.021	<1	<0.01	36	<1	<2	<1	0.54	<4	7	<1	15	1.74	<0.01	<1	1.69	846	<1	20	507	74	0.49	<5	<5	<10	13	1065	4	23	<10	3	38
28784	1328402	0.040	3	2.81	61	619	<2	6	3.78	<4	8	31	46	2.23	0.10	22	1.50	1443	3	35	499	172	9.69	<5	6	<10	171	2035	<2	39	<10	2	171
28785	1328403	0.086	5	3.28	57	582	2	10	2.30	<4	20	165	61	3.67	0.06	22	1.06	970	6	92	521	477	9.64	8	<5	<10	144	2528	<2	77	25	5	134
28786	1328404	0.060	4	2.64	47	543	<2	13	2.52	<4	19	159	35	3.53	<0.01	23	1.29	1056	5	77	495	56	>10.00	<5	10	<10	175	2573	<2	76	<10	4	84

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28787	1328405	0.070	7	3.12	46	1382	<2	12	2.55	<4	6	66	19	1.22	<0.01	31	0.49	567	9	39	369	64	>10.00	5	12	<10	209	1840	<2	27	<10	<2	134
28788	1328406	0.027	3	2.18	41	703	<2	<1	1.49	<4	6	24	18	1.14	<0.01	19	0.58	384	2	25	287	25	9.18	<5	<5	<10	156	1596	<2	25	<10	<2	37
28789D	1328406	0.027	3	2.36	46	794	<2	2	1.63	<4	6	25	19	1.25	<0.01	21	0.66	422	3	25	324	34	8.92	<5	6	<10	166	1764	<2	27	<10	<2	41
28790	1328407	0.035	3	2.92	43	748	<2	<1	1.35	<4	5	27	10	1.27	0.02	18	0.79	475	5	40	314	31	8.09	6	5	<10	186	1756	<2	27	<10	<2	16
28791	1328408	0.029	3	2.66	49	776	<2	8	1.76	<4	7	33	14	1.32	<0.01	27	0.69	567	3	25	338	28	9.80	5	<5	<10	115	1821	<2	29	<10	<2	39
28792	1328409	0.056	4	1.91	62	859	2	9	2.56	<4	9	36	20	2.13	<0.01	24	0.94	877	3	28	428	247	>10.00	5	<5	<10	170	1971	<2	37	17	<2	854
28793	1328410	<0.005	4	1.83	28	637	2	9	2.44	<4	17	67	23	3.18	<0.01	16	0.70	671	2	31	562	21	9.97	<5	14	<10	327	3112	10	112	36	4	61
28794	1328411	0.045	4	6.92	60	536	2	27	5.24	<4	8	29	14	2.55	0.10	19	2.56	1561	2	22	383	1381	>10.00	7	15	<10	221	1751	2	35	16	2	813
28795	1328412	0.199	<1	<0.01	35	<1	<2	4	0.04	<4	4	3	12	1.26	<0.01	<1	0.96	440	<1	29	285	26	0.54	6	<5	<10	38	483	<2	9	<10	2	45
28796	1328413	0.294	4	2.79	58	709	2	17	1.35	<4	8	46	36	1.77	0.08	22	0.47	367	7	42	371	195	>10.00	6	10	<10	129	1815	20	32	18	<2	807
28797	1328414	0.057	4	2.56	55	938	2	<1	1.00	<4	8	63	17	1.46	0.03	26	0.23	214	8	45	466	80	>10.00	<5	8	10	130	2168	<2	39	13	<2	557
28798	1328415	0.219	4	2.23	44	868	<2	13	2.01	<4	9	53	13	1.61	0.07	25	0.66	671	7	50	462	44	>10.00	<5	<5	<10	165	2170	<2	41	13	<2	168
28799	1328416	0.030	2	8.99	26	677	2	14	2.54	<4	7	60	12	1.50	1.17	54	0.84	630	11	59	604	44	3.90	5	13	<10	149	2032	<2	40	10	4	184
28800D	1328416	0.027	2	8.56	28	649	2	17	2.41	<4	7	57	11	1.45	1.25	54	0.67	610	11	59	510	46	4.52	<5	11	<10	149	2054	28	40	<10	3	172
28801	1328417	0.033	3	2.09	42	740	<2	15	1.99	<4	7	45	15	1.48	0.14	18	0.75	723	5	42	317	45	8.90	<5	10	<10	157	1717	19	32	10	<2	255
28802	1328418	0.201	3	2.81	30	680	<2	16	2.06	<4	7	39	34	1.86	0.07	16	0.99	718	3	39	345	454	7.84	<5	<5	<10	148	1725	<2	30	11	<2	849
28803	1328419	0.017	3	2.96	36	905	<2	11	2.08	<4	6	44	15	1.59	<0.01	20	0.77	649	4	44	334	52	8.42	<5	5	11	166	1799	20	33	13	<2	155
28804	1328420	4.840	70	1.66	64	710	<2	25	1.64	20	15	53	53	3.13	<0.01	14	0.45	517	6	36	522	600	>10.00	72	8	239	282	2229	<2	92	69	3	1885
28805	1328421	0.131	3	1.08	33	547	<2	3	1.66	<4	15	153	67	3.09	0.01	21	1.33	813	8	90	494	72	8.97	6	7	<10	125	1977	8	70	10	3	102
28806	1328422	0.085	5	1.25	29	754	2	7	1.13	<4	23	188	47	3.75	<0.01	33	1.09	587	6	91	530	57	>10.00	<5	5	<10	134	2283	2	113	<10	<2	83

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Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/15/2013
 Date Completed: 03/04/2013
 Job #: 201340350
 Reference: TL 13-314
 Sample #: 198

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
28807	1328423	0.076	4	3.91	41	647	3	16	1.32	<4	21	167	47	3.93	0.03	36	1.61	665	4	93	554	69	>10.00	6	<5	<10	140	2510	<2	104	<10	3	82
28808	1328424	0.083	3	4.91	47	504	2	<1	1.38	<4	21	154	42	3.92	0.19	37	2.32	688	5	84	523	81	9.54	<5	<5	<10	135	2236	<2	99	12	4	150
28809	1328425	0.156	4	3.04	31	557	2	23	1.01	<4	20	176	69	3.66	0.17	38	1.80	604	5	99	541	91	>10.00	6	7	<10	122	1706	6	103	10	2	115
28810	1328426	0.185	3	>10.00	52	406	2	31	0.78	<4	13	174	223	3.02	1.18	47	1.38	235	10	101	908	187	3.58	<5	<5	<10	81	1294	41	90	12	9	378
28811D	1328426	0.182	2	>10.00	57	402	2	17	0.86	<4	14	161	210	3.03	1.21	50	1.33	239	8	83	859	182	3.94	<5	<5	<10	93	1246	31	86	<10	8	348
28812	1328427	1.652	11	3.20	117	490	2	19	0.73	10	18	158	689	4.14	<0.01	22	0.58	179	7	90	393	1487	>10.00	10	8	11	123	1135	34	89	35	<2	2915
28813	1328428	0.312	5	5.86	90	338	<2	12	1.40	4	15	148	105	4.46	0.04	31	2.76	561	7	92	580	455	>10.00	<5	19	16	130	1227	<2	75	14	3	807
28814	1328429	0.480	5	2.54	82	543	2	22	1.19	5	16	163	114	3.71	<0.01	30	1.40	498	8	93	467	171	>10.00	6	<5	<10	139	992	9	82	18	<2	1170
28815	1328430	0.010	5	2.34	29	702	<2	6	2.53	<4	16	73	24	3.02	<0.01	19	0.65	631	3	40	531	22	>10.00	<5	6	<10	324	3008	6	106	31	4	52
28816	1328431	0.148	4	2.34	64	528	<2	14	1.06	<4	16	157	41	3.26	<0.01	28	1.39	564	6	83	469	91	>10.00	<5	8	<10	125	967	<2	81	<10	2	105
28817	1328432	0.264	5	1.80	62	686	2	20	1.22	<4	19	178	56	3.52	<0.01	30	1.29	616	8	94	503	94	>10.00	<5	<5	<10	134	1194	17	94	10	<2	135
28818	1328433	0.446	5	1.28	52	584	<2	12	1.23	<4	18	161	47	3.40	<0.01	31	1.61	572	11	86	501	113	>10.00	5	<5	14	120	1066	23	86	11	<2	253
28819	1328434	0.324	6	2.45	31	783	2	18	1.95	<4	8	86	43	1.54	<0.01	23	0.92	460	6	48	526	517	>10.00	8	9	<10	150	1355	<2	35	11	<2	56
28820	1328435	0.040	5	1.88	36	769	2	12	1.33	<4	6	79	19	1.30	<0.01	24	0.57	301	8	54	400	100	>10.00	<5	10	<10	132	1252	<2	30	11	<2	109
28821	1328436	0.057	4	2.41	28	719	2	9	1.18	<4	6	93	22	1.41	<0.01	23	0.60	306	10	88	410	106	>10.00	<5	8	<10	125	1287	<2	34	14	<2	120
28822D	1328436	0.056	5	2.31	34	583	<2	34	1.44	<4	6	98	21	1.25	0.02	21	0.46	278	11	80	412	110	>10.00	6	9	14	143	1303	<2	31	10	<2	116
28823	1328437	1.107	14	2.99	59	766	<2	11	1.04	30	6	82	61	1.83	<0.01	21	0.23	159	9	56	382	1772	>10.00	10	20	10	130	1125	4	26	98	<2	11176
28824	1328438	0.194	6	3.98	42	708	<2	<1	0.80	<4	8	80	25	1.28	<0.01	23	0.31	124	7	49	406	367	>10.00	8	<5	13	115	1228	10	38	18	<2	648
28825	1328439	0.386	4	3.93	51	504	2	15	1.15	<4	10	113	27	2.06	0.14	17	0.44	170	12	95	436	164	9.89	5	23	<10	109	959	<2	45	14	2	731
28826	1328440	0.388	5	3.79	59	563	<2	28	1.60	5	13	50	2187	4.97	<0.01	35	0.48	1095	18	27	642	104	>10.00	5	<5	<10	237	1165	<2	60	21	2	576

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28827	1328441	0.095	4	4.18	25	488	<2	7	1.65	<4	18	163	43	3.27	0.15	32	1.67	681	7	87	516	105	>10.00	7	18	13	129	2029	3	81	<10	3	91
28828	1328442	0.083	3	4.75	30	469	<2	18	1.33	<4	21	168	34	3.55	0.12	32	1.74	576	4	78	510	71	9.88	<5	<5	<10	121	1551	4	89	11	3	71
28829	1328443	0.169	4	4.12	48	500	2	16	0.85	<4	19	173	30	3.70	0.19	33	1.64	554	6	102	545	83	>10.00	<5	9	<10	107	1381	5	92	11	3	102
28830	1328444	0.228	5	2.97	51	456	2	14	1.15	<4	17	160	103	3.82	0.12	28	1.64	633	6	89	492	195	>10.00	6	<5	<10	115	1480	2	82	13	2	861
28831	1328445	1.395	9	3.08	74	468	2	4	0.69	<4	17	166	62	3.34	<0.01	23	0.77	325	9	104	427	449	9.97	12	<5	11	103	1514	<2	89	18	3	911
28832	1328446	0.078	5	2.63	61	493	<2	17	1.42	<4	17	154	34	3.38	<0.01	24	1.07	557	6	94	456	133	>10.00	5	15	<10	121	1636	2	76	<10	2	148
28833D	1328446	0.066	5	2.10	58	497	<2	17	1.39	<4	18	159	35	3.47	0.04	25	1.02	576	6	86	466	139	>10.00	5	7	<10	120	1702	<2	79	13	2	147
28834	1328447	0.474	5	2.79	40	596	2	22	1.43	6	20	174	41	3.80	<0.01	33	1.34	582	10	100	483	225	>10.00	<5	<5	<10	128	1644	6	103	20	2	1537
28835	1328448	0.101	5	5.03	46	553	2	18	1.97	<4	21	174	41	4.21	0.10	44	2.21	606	12	114	568	93	>10.00	8	<5	<10	156	2062	45	110	11	3	176
28836	1328449	0.142	6	4.70	89	800	3	<1	2.48	<4	21	170	50	3.33	<0.01	31	0.67	828	11	96	565	103	>10.00	6	10	<10	171	2098	26	107	11	2	114
28837	1328450	<0.005	4	5.51	32	707	<2	17	2.99	<4	15	70	24	3.19	0.03	22	0.86	662	4	29	570	28	>10.00	9	11	10	347	3128	<2	110	35	6	55
28838	1328451	1.211	17	5.38	29	800	2	<1	2.61	<4	17	184	63	3.10	<0.01	30	0.87	801	15	116	535	509	>10.00	7	19	<10	171	1972	4	94	10	3	375
28839	1328452	0.278	5	4.92	94	693	2	17	1.81	<4	17	148	39	2.56	<0.01	24	0.67	487	10	74	486	103	>10.00	6	10	13	147	1470	<2	77	11	3	123
28840	1328453	0.443	4	4.80	75	578	2	8	0.77	<4	16	167	66	2.48	<0.01	20	0.45	242	11	89	492	171	>10.00	5	20	<10	127	1643	<2	108	<10	2	137
28841	1328454	0.166	5	4.00	32	543	<2	22	1.68	<4	17	163	45	3.06	0.02	24	0.79	553	7	96	442	104	>10.00	<5	<5	<10	182	1878	<2	92	<10	2	81
28842	1328455	0.069	4	4.22	44	546	2	20	1.74	<4	18	138	50	3.16	<0.01	27	0.84	453	7	87	570	78	>10.00	<5	18	<10	176	2122	<2	89	<10	2	83
28843	1328456	0.054	5	2.76	41	640	2	29	1.75	<4	15	155	48	2.91	<0.01	27	0.63	410	14	110	501	91	>10.00	<5	8	<10	179	1941	3	90	<10	<2	75
28844R	1328456	0.046	5	2.81	39	492	<2	17	1.58	<4	18	149	52	3.29	0.03	25	0.77	471	10	103	491	85	>10.00	<5	7	<10	171	2158	5	97	<10	2	76
28845	1328457	0.651	4	2.27	31	596	2	4	1.55	<4	25	187	73	4.36	<0.01	30	0.83	761	8	116	519	78	>10.00	<5	12	<10	149	3275	35	121	<10	2	148
28846	1328458	0.368	6	3.16	72	727	2	19	1.76	<4	15	98	94	2.37	<0.01	26	0.56	642	7	66	495	315	>10.00	7	7	<10	150	2340	<2	81	17	<2	568

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28847	1328459	0.060	4	3.27	42	779	2	9	1.98	<4	9	56	23	1.39	0.01	26	0.62	607	9	49	507	61	>10.00	<5	18	<10	152	2199	<2	57	13	<2	103
28848	1328460	2.006	5	4.17	37	802	<2	6	2.96	<4	19	80	34	3.56	<0.01	22	0.76	694	5	40	610	34	>10.00	7	<5	<10	335	3180	6	119	32	4	65
28849	1328461	0.031	4	4.48	62	821	2	18	3.12	<4	9	46	46	1.85	<0.01	31	0.98	774	7	53	528	81	>10.00	7	16	<10	167	2306	<2	57	11	<2	100
28850	1328462	0.165	4	5.06	108	747	2	12	2.19	<4	10	45	37	2.71	<0.01	31	0.67	577	7	45	473	59	>10.00	6	19	<10	156	2036	<2	50	10	<2	72
28851	1328463	1.102	9	4.74	91	740	<2	<1	1.87	6	9	65	160	2.19	<0.01	29	0.48	379	11	54	408	377	>10.00	8	<5	10	148	1748	<2	50	36	<2	2074
28852	1328464	0.034	4	5.87	43	773	2	23	2.81	<4	10	45	16	1.93	<0.01	32	0.91	493	6	42	502	84	>10.00	<5	9	<10	222	2194	<2	51	12	<2	148
28853	1328465	0.116	3	3.85	29	566	2	<1	1.82	<4	24	169	47	3.90	0.30	38	1.02	625	4	96	539	55	9.43	<5	7	<10	198	3309	<2	110	<10	5	100
28854	1328466	0.405	4	4.95	77	654	2	12	1.98	<4	22	160	53	3.67	0.06	34	0.75	783	5	89	498	285	>10.00	5	12	<10	194	2981	5	103	11	5	501
28855D	1328466	0.416	5	3.18	81	740	2	24	1.96	<4	22	164	54	3.67	<0.01	35	0.60	794	7	82	502	295	>10.00	5	<5	<10	193	3034	<2	105	13	3	512
28856	1328467	4.045	11	1.67	131	568	3	15	1.62	16	18	154	207	4.22	<0.01	27	0.41	738	11	107	431	1996	>10.00	7	5	<10	172	2371	<2	90	45	2	4384
28857	1328468	1.396	6	2.40	147	574	2	16	1.46	7	19	139	157	4.16	0.11	24	0.43	531	10	85	431	471	>10.00	7	13	<10	165	2395	<2	81	33	2	2255
28858	1328469	0.948	5	1.95	88	723	2	9	1.27	<4	24	174	73	3.63	<0.01	31	0.50	717	8	113	503	131	>10.00	6	<5	<10	171	3191	<2	112	11	3	148
28859	1328470	<0.005	5	2.50	29	689	<2	<1	2.44	<4	15	72	25	3.01	<0.01	18	0.62	633	3	36	544	35	>10.00	<5	5	12	317	2978	<2	106	29	4	57
28860	1328471	0.264	4	2.68	73	727	2	13	1.76	<4	19	147	59	3.14	<0.01	30	0.68	781	7	73	465	100	>10.00	6	<5	<10	196	2718	<2	89	<10	3	208
28861	1328472	0.501	6	2.51	92	739	<2	29	1.89	6	17	144	36	3.36	<0.01	27	0.53	539	8	71	411	704	>10.00	7	7	<10	208	2251	<2	72	24	2	1658
28862	1328473	0.151	4	3.35	61	699	2	25	2.16	<4	19	157	47	3.33	0.09	28	0.69	649	8	90	479	65	>10.00	<5	<5	<10	228	2557	<2	90	<10	4	402
28863	1328474	0.022	4	5.32	26	668	<2	12	2.84	<4	17	126	38	2.91	0.02	32	0.94	689	22	76	498	49	>10.00	<5	<5	<10	246	2537	<2	82	10	5	87

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Friday, December 11, 2015


Final Certificate

 Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/22/2013
Date Completed: 04/15/2013
Job #: 201340661
Reference: TL13-315
Sample #: 50

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51942	1356344	1	3.80	31	393	<2	9	1.75	<4	8	9	19	1.65	<0.01	11	1.51	881	<1	16	440	93	0.67	<5	10	<10	77	1513	<2	29	<10	5	277
51943	1356345	4	2.57	30	288	<2	21	1.03	<4	7	11	42	1.46	<0.01	9	0.98	616	2	17	410	308	0.92	<5	9	<10	54	1292	<2	26	13	5	595
51944	1356346	1	2.09	30	267	<2	20	1.16	<4	5	11	51	1.36	<0.01	8	1.10	743	<1	14	381	72	0.73	<5	8	<10	60	1204	<2	24	<10	4	114
51945	1356347	<1	2.19	25	257	<2	9	1.44	<4	5	8	18	1.41	<0.01	8	1.19	865	<1	14	396	42	0.69	<5	8	<10	64	1203	<2	25	<10	4	76
51946	1356348	4	1.78	52	247	<2	10	0.73	<4	7	10	72	1.78	<0.01	8	0.75	492	2	19	372	393	1.39	<5	7	<10	52	1138	<2	24	10	4	410
51947	1356349	<1	2.28	49	285	<2	18	1.17	<4	6	9	14	1.60	<0.01	10	1.03	643	<1	16	351	53	0.98	<5	12	<10	64	1231	<2	25	<10	4	145
51948	1356350	<1	1.16	13	252	<2	12	1.67	<4	15	49	23	3.45	<0.01	11	1.32	677	1	31	589	7	0.06	<5	<5	<10	165	2351	<2	110	14	15	57
51949	1356351	<1	4.36	34	444	<2	13	2.08	<4	6	29	8	1.77	<0.01	13	1.69	968	3	47	435	34	0.56	<5	17	<10	90	1438	<2	31	<10	6	67
51950	1356352	<1	3.03	41	361	<2	12	1.40	<4	7	27	10	1.64	<0.01	10	1.32	778	3	46	383	19	0.56	<5	6	<10	71	1381	<2	28	<10	4	50
51951	1356353	<1	8.72	35	280	<2	13	1.32	<4	6	72	175	1.38	<0.01	10	1.24	783	1	36	352	28	0.47	<5	25	<10	67	1247	<2	32	<10	4	90
51952D	1356353	<1	3.76	33	375	<2	<1	1.79	<4	7	19	10	1.68	<0.01	14	1.48	910	1	28	441	30	0.58	<5	7	<10	88	1570	4	31	<10	5	57
51953	1356354	<1	3.68	43	344	<2	10	1.13	<4	8	25	8	1.47	<0.01	12	1.12	680	3	43	435	46	0.62	<5	9	<10	65	1577	<2	32	<10	5	71
51954	1356355	1	2.92	60	296	<2	5	0.58	7	7	22	38	1.73	<0.01	13	0.91	564	3	41	359	128	1.21	<5	12	<10	54	1393	<2	27	40	5	2537
51955	1356356	<1	3.30	64	327	<2	15	0.59	<4	9	31	17	1.84	<0.01	14	0.87	525	4	57	418	114	1.18	<5	13	<10	57	1513	<2	29	19	5	814
51956	1356357	1	1.96	38	268	<2	10	0.59	<4	5	38	60	1.32	<0.01	10	0.94	570	5	57	310	161	0.69	<5	16	<10	47	1108	<2	24	14	4	589
51957	1356358	<1	2.54	33	284	<2	<1	0.98	<4	7	21	18	1.29	<0.01	11	0.97	617	3	41	383	104	0.61	<5	<5	<10	64	1286	<2	26	<10	5	131
51958	1356359	1	4.33	46	390	<2	12	0.88	<4	8	40	112	1.81	<0.01	19	1.19	615	4	57	479	218	0.98	<5	11	<10	68	1690	<2	33	<10	6	307
51959	1356360	66	0.93	33	312	<2	5	0.78	18	12	26	49	2.82	<0.01	8	0.75	455	3	21	458	577	0.31	24	13	202	159	1539	<2	77	47	11	1732
51960	1356361	3	3.55	46	343	<2	18	0.42	<4	7	24	111	1.36	<0.01	15	0.75	366	3	37	413	509	0.78	<5	12	<10	48	1596	<2	30	<10	5	243
51961	1356362	<1	2.91	36	365	<2	13	<0.01	<4	7	22	30	1.19	<0.01	12	0.49	217	2	35	369	165	0.75	<5	11	<10	31	1514	<2	29	11	4	343

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Job #: 201340661
 Reference: TL13-315
 Sample #: 50

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51962	1356363	<1	3.79	36	381	<2	9	0.46	<4	7	19	47	1.28	<0.01	22	0.83	407	3	32	430	89	0.74	<5	10	<10	49	1665	<2	31	12	5	662
51963D	1356363	1	4.92	39	455	<2	14	0.66	<4	8	22	57	1.53	<0.01	26	0.98	487	3	35	525	110	0.90	<5	13	<10	55	1969	<2	37	17	6	807
51964	1356364	<1	2.41	33	348	<2	7	0.14	<4	7	13	66	1.23	<0.01	15	0.58	284	2	27	373	68	0.81	<5	7	<10	33	1461	<2	28	<10	4	167
51965	1356365	<1	2.95	39	297	<2	5	0.60	<4	7	12	17	1.24	<0.01	16	0.80	395	2	22	474	57	0.74	<5	8	<10	59	1436	<2	27	<10	5	176
51966	1356366	<1	1.54	35	259	<2	16	<0.01	<4	6	9	11	0.95	<0.01	7	0.34	120	2	16	335	49	0.69	<5	15	<10	28	1133	<2	22	10	4	420
51967	1356367	<1	2.48	29	285	<2	6	0.16	<4	6	12	18	0.88	<0.01	10	0.59	221	1	21	425	101	0.47	<5	11	<10	45	1312	<2	25	<10	5	238
51968	1356368	<1	2.72	38	226	<2	<1	0.89	<4	7	11	14	1.19	<0.01	13	0.99	441	<1	20	442	82	0.57	<5	19	<10	72	1360	<2	25	<10	5	157
51969	1356369	<1	1.66	29	285	<2	7	<0.01	<4	5	12	30	0.86	<0.01	8	0.29	102	2	22	401	41	0.56	<5	9	<10	26	1196	<2	23	<10	4	342
51970	1356370	<1	1.43	9	255	<2	10	1.52	<4	13	43	21	3.05	<0.01	10	1.18	601	1	26	530	8	0.05	<5	5	<10	177	2184	<2	99	16	14	47
51971	1356371	<1	2.89	46	286	<2	30	1.17	<4	7	15	37	1.47	<0.01	13	1.01	563	<1	21	452	40	0.76	<5	9	<10	66	1354	<2	27	<10	5	51
51972	1356372	<1	4.20	35	468	<2	22	2.30	<4	6	12	6	1.54	<0.01	15	1.57	935	<1	17	442	23	0.49	<5	6	<10	90	1306	11	30	<10	5	40
51973	1356373	<1	2.69	61	276	<2	16	1.03	<4	8	15	8	1.87	0.03	11	0.94	518	<1	23	413	26	1.24	<5	<5	<10	61	1406	<2	28	<10	4	28
51974D	1356373	<1	1.94	56	253	<2	4	0.89	<4	7	14	7	1.77	<0.01	9	0.87	486	<1	21	388	28	1.17	<5	5	<10	55	1302	<2	27	<10	4	27
51975	1356374	<1	2.00	63	254	<2	2	0.39	<4	6	10	25	1.52	<0.01	10	0.62	322	1	19	397	22	1.11	<5	7	<10	44	1207	<2	23	11	5	411
51976	1356375	14	0.96	128	188	<2	5	0.04	9	5	14	503	3.57	<0.01	7	0.39	217	12	24	250	1341	3.33	14	<5	<10	36	875	<2	21	41	4	2680
51977	1356376	14	1.55	140	199	<2	4	0.31	19	5	18	439	3.70	<0.01	9	0.54	351	16	28	233	1629	3.52	13	11	<10	46	868	<2	21	85	5	6105
51978	1356377	<1	3.88	79	314	<2	13	0.98	<4	8	14	54	2.20	<0.01	14	0.84	496	2	23	368	55	1.63	5	6	<10	71	1364	<2	27	<10	6	105
51979	1356378	<1	5.11	31	433	<2	11	1.68	<4	7	13	14	1.47	0.09	18	1.31	738	<1	19	431	22	0.39	<5	9	<10	91	1511	<2	29	<10	6	64
51980	1356379	<1	5.93	33	392	<2	3	1.38	<4	10	35	16	1.64	0.27	21	1.29	621	<1	30	445	16	0.54	<5	11	<10	92	1757	<2	39	<10	8	71
51981	1356380	2	4.30	41	254	<2	4	0.77	4	13	27	2284	5.08	<0.01	30	0.84	1072	16	19	667	77	2.70	<5	6	<10	163	867	<2	55	13	9	581

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015

Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/22/2013
Date Completed: 04/15/2013
Job #: 201340661
Reference: TL13-315
Sample #: 50

Table with columns: Acc #, Client ID, Ag ppm, Al %, As ppm, Ba ppm, Be ppm, Bi ppm, Ca %, Cd ppm, Co ppm, Cr ppm, Cu ppm, Fe %, K %, Li ppm, Mg %, Mn ppm, Mo ppm, Ni ppm, P ppm, Pb ppm, S %, Sb ppm, Se ppm, Sn ppm, Sr ppm, Ti ppm, Tl ppm, V ppm, W ppm, Y ppm, Zn ppm. Rows include sample IDs like 51982, 51983, etc.

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: [Signature] Susan Schmitz, Customer Services Manager

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Friday, April 26, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 04/16/2013
 Date Completed: 04/26/2013
 Job #: 201340890
 Reference: TL 13-315
 Sample #: 2

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
68214	1356375	6.550	6.576	75.964	7.748	1.71%	13.03
68215	1356376	6.514	6.188	89.081	9.982	4.39%	37.74

PROCEDURE CODES: ALPM1

 Certified By: 
 Dr. David Brown, VP Quality

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Thursday, May 23, 2013

Final Certificate

 Treasury Metals Inc
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
51780	197001	74	0.002	0.074
51781	197002	59	0.002	0.059
51782	197003	177	0.005	0.177
51783	197004	35	0.001	0.035
51784	197005	58	0.002	0.058
51785	197006	54	0.002	0.054
51786	197007	41	0.001	0.041
51787	197008	64	0.002	0.064
51788	197009	19	<0.001	0.019
51789	197010	<5	<0.001	<0.005
51790 Dup	197010	Insufficient Sample		
51791	197011	50	0.001	0.050
51792	197012	98	0.003	0.098
51793	197013	239	0.007	0.239
51794	197014	176	0.005	0.176
51795	197015	320	0.009	0.320
51796	197016	373	0.011	0.373
51797	197017	95	0.003	0.095
51798	197018	12	<0.001	0.012
51799	197019	40	0.001	0.040
51800	197020	2233	0.065	2.233
51801 Dup	197020	Insufficient Sample		
51802	197021	<5	<0.001	<0.005
51803	197022	<5	<0.001	<0.005
51804	197023	<5	<0.001	<0.005
51805	197024	<5	<0.001	<0.005
51806	197025	<5	<0.001	<0.005
51807	197026	<5	<0.001	<0.005
51808	197027	<5	<0.001	<0.005
51809	197028	<5	<0.001	<0.005

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1


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 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
51810	197029	<5	<0.001	<0.005
51811	197030	<5	<0.001	<0.005
51812 Dup	197030	Insufficient Sample		
51813	197031	8	<0.001	0.008
51814	197032	<5	<0.001	<0.005
51815	197033	<5	<0.001	<0.005
51816	197034	<5	<0.001	<0.005
51817	197035	<5	<0.001	<0.005
51818	197036	<5	<0.001	<0.005
51819	197037	16	<0.001	0.016
51820	197038	14	<0.001	0.014
51821	197039	9	<0.001	0.009
51822	197040	2591	0.076	2.591
51823 Dup	197040	Insufficient Sample		
51824	197041	<5	<0.001	<0.005
51825	197042	<5	<0.001	<0.005
51826	197043	<5	<0.001	<0.005
51827	197044	13	<0.001	0.013
51828	197045	33	<0.001	0.033
51829	197046	8	<0.001	0.008
51830	197047	30	<0.001	0.030
51831	197048	92	0.003	0.092
51832	197049	159	0.005	0.159
51833	197050	<5	<0.001	<0.005
51834 Dup	197050	Insufficient Sample		
51835	197051	33	<0.001	0.033
51836	197052	19	<0.001	0.019
51837	197053	71	0.002	0.071
51838	197054	134	0.004	0.134
51839	197055	<5	<0.001	<0.005

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1


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 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
51840	197056	5	<0.001	0.005
51841	197057	28	<0.001	0.028
51842	197058	26	<0.001	0.026
51843	197059	<5	<0.001	<0.005
51844	197060	389	0.011	0.389
51845 Rep	197060	Insufficient Sample		
51846	197061	23	<0.001	0.023
51847	197062	57	0.002	0.057
51848	197063	586	0.017	0.586
51849	197064	56	0.002	0.056
51850	197065	12	<0.001	0.012
51851	197066	25	<0.001	0.025
51852	197067	159	0.005	0.159
51853	197068	175	0.005	0.175
51854	197069	104	0.003	0.104
51855	197070	<5	<0.001	<0.005
51856 Dup	197070	Insufficient Sample		
51857	197071	27	<0.001	0.027
51858	197072	193	0.006	0.193
51859	197073	383	0.011	0.383
51860	197074	2243	0.065	2.243
51861	197075	7845	0.229	7.845
51862	197076	11464	0.334	11.464
51863	197077	400	0.012	0.400
51864	197078	498	0.015	0.498
51865	197079	4949	0.144	4.949
51866	197080	Insufficient Sample		
51867 Dup	197080	Insufficient Sample		
51868	197081	420	0.012	0.420
51869	197082	458	0.013	0.458

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1


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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
51870	197083	652	0.019	0.652
51871	197084	4160	0.121	4.160
51872	197085	103	0.003	0.103
51873	197086	35	0.001	0.035
51874	197087	72	0.002	0.072
51875	197088	50	0.001	0.050
51876	197089	25	<0.001	0.025
51877	197090	Insufficient Sample		
51878 Dup	197090	Insufficient Sample		
51879	197091	48	0.001	0.048
51880	197092	170	0.005	0.170
51881	197093	239	0.007	0.239
51882	197094	406	0.012	0.406
51883	197095	41	0.001	0.041
51884	197096	116	0.003	0.116
51885	197097	177	0.005	0.177
51886	197098	24	<0.001	0.024
51887	197099	15	<0.001	0.015
51888	197100	4821	0.141	4.821
51889 Dup	197100	Insufficient Sample		
51890	197101	11	<0.001	0.011
51891	197102	9	<0.001	0.009
51892	197103	10	<0.001	0.010
51893	197104	20	<0.001	0.020
51894	197105	134	0.004	0.134
51895	197106	1748	0.051	1.748
51896	197107	14	<0.001	0.014
51897	197108	15	<0.001	0.015
51898	197109	13	<0.001	0.013
51899	197110	8	<0.001	0.008

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1


 Certified By: Dr. David Brown, VP Quality

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Thursday, May 23, 2013

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
51900 Dup	197110	Insufficient Sample		
51901	197111	9	<0.001	0.009
51902	197112	10	<0.001	0.010
51903	197113	10	<0.001	0.010
51904	197114	8	<0.001	0.008
51905	197115	7	<0.001	0.007
51906	197116	8	<0.001	0.008
51907	197117	11	<0.001	0.011
51908	197118	8	<0.001	0.008
51909	197119	16	<0.001	0.016
51910	197120	424	0.012	0.424
51911 Rep	197120	Insufficient Sample		
51912	197121	9	<0.001	0.009
51913	197122	411	0.012	0.411
51914	197123	493	0.014	0.493
51915	197124	3544	0.103	3.544
51916	197125	924	0.027	0.924
51917	197126	89	0.003	0.089
51918	197127	27	<0.001	0.027
51919	197128	63	0.002	0.063
51920	197129	322	0.009	0.322
51921	197130	<5	<0.001	<0.005
51922 Dup	197130	Insufficient Sample		
51923	197131	42	0.001	0.042
51924	197132	64	0.002	0.064
51925	197133	251	0.007	0.251
51926	197134	366	0.011	0.366
51927	197135	91	0.003	0.091
51928	197136	121	0.004	0.121
51929	197137	1076	0.031	1.076

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1


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Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
51930	197138	151	0.004	0.151
51931	197139	239	0.007	0.239
51932	197140	2081	0.061	2.081
51933 Dup	197140	Insufficient Sample		
51934	197141	92	0.003	0.092
51935	197142	219	0.006	0.219
51936	197143	12	<0.001	0.012
51937	197144	55	0.002	0.055
51938	197145	303	0.009	0.303
51939	197146	1209	0.035	1.209
51940	197147	321	0.009	0.321
51941	197148	80	0.002	0.080

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 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	
51780	197001	<1	1.89	30	449	<2	13	0.16	4	10	14	26	2.56	<0.01	15	0.65	458	1	20	710	528	1.88	<5	6	<10	99	2025	<2	44	20	6	1200	
51781	197002	<1	2.32	55	504	<2	2	0.50	9	10	16	50	2.63	<0.01	13	0.79	554	2	19	630	999	1.99	<5	9	<10	131	1787	<2	43	36	5	2337	
51782	197003	2	2.39	66	583	<2	10	<0.01	12	10	17	28	2.71	0.19	9	0.28	149	4	21	549	1955	2.64	<5	12	<10	99	1561	<2	39	47	5	3398	
51783	197004	<1	4.30	83	733	<2	8	0.16	<4	11	22	8	2.86	0.03	14	0.46	255	3	27	783	189	2.50	<5	<5	<10	138	2040	<2	49	14	6	773	
51784	197005	<1	3.13	42	594	<2	7	0.35	<4	11	21	5	2.27	<0.01	16	0.64	435	2	22	636	252	1.47	<5	<5	<10	119	2046	<2	45	<10	6	252	
51785	197006	<1	4.12	33	631	<2	8	0.88	<4	15	33	9	3.12	<0.01	25	1.29	1005	2	29	769	43	1.00	<5	10	<10	145	2878	<2	60	<10	8	111	
51786	197007	<1	2.23	31	400	<2	8	0.61	<4	9	20	9	2.09	<0.01	16	0.89	664	1	20	526	63	0.72	<5	<5	<10	111	1902	<2	39	<10	6	452	
51787	197008	<1	2.53	32	426	<2	16	0.87	<4	12	25	11	2.52	<0.01	18	1.17	961	1	24	606	57	0.71	<5	12	<10	128	2121	<2	42	<10	6	125	
51788	197009	<1	2.80	9	404	<2	8	0.42	<4	10	14	19	2.01	<0.01	18	0.89	648	1	17	572	28	0.36	<5	<5	<10	96	2037	<2	37	<10	6	109	
51789	197010	<1	1.79	12	254	<2	11	1.70	<4	15	49	23	3.39	<0.01	13	1.32	657	2	30	603	6	0.06	5	<5	<10	181	2340	<2	108	18	15	54	
51790D	197010																IS																
51791	197011	<1	2.68	15	349	<2	<1	0.91	<4	11	20	19	2.28	<0.01	16	1.04	869	1	21	605	28	0.62	<5	10	<10	123	2088	2	41	<10	6	96	
51792	197012	<1	3.43	29	361	<2	<1	1.05	<4	10	17	9	2.24	0.11	16	1.00	787	<1	21	583	40	0.97	<5	<5	<10	143	1957	<2	36	<10	6	76	
51793	197013	1	4.57	42	386	<2	<1	1.40	<4	11	21	15	2.29	<0.01	20	1.01	793	2	24	646	134	1.34	<5	5	<10	152	2041	<2	39	<10	7	334	
51794	197014	4	4.05	31	411	<2	20	1.37	<4	11	29	150	2.55	<0.01	17	1.01	863	2	32	563	199	1.55	<5	15	<10	147	1964	<2	42	10	7	478	
51795	197015	3	3.22	22	481	<2	22	0.51	<4	9	20	82	1.70	<0.01	14	0.58	439	2	26	536	212	0.96	<5	7	<10	105	1971	<2	37	17	6	1031	
51796	197016	2	3.97	29	555	<2	5	0.68	<4	12	26	98	2.13	<0.01	17	0.68	536	2	32	622	119	1.22	<5	<5	<10	122	2327	<2	43	18	7	1126	
51797	197017	<1	2.51	20	285	<2	13	0.88	<4	12	55	22	2.47	<0.01	15	0.94	631	3	41	444	24	0.93	<5	<5	<10	123	1794	<2	42	<10	8	82	
51798	197018	<1	3.41	8	315	<2	4	0.73	<4	22	124	54	3.40	<0.01	21	1.34	749	4	84	464	28	1.02	<5	6	<10	97	2281	<2	69	<10	14	98	
51799	197019	<1	0.98	10	341	<2	<1	<0.01	<4	7	21	4	0.61	<0.01	7	0.45	147	2	24	152	40	0.27	<5	5	<10	43	1097	<2	22	<10	3	77	

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015


Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/22/2013
Date Completed: 04/15/2013
Revised Date: 05/23/2013
Job #: 201340660
Reference: TL13-317
Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51800	197020	<1	1.42	7	253	<2	<1	1.61	<4	16	48	32	3.68	<0.01	13	1.37	691	1	31	609	8	0.06	<5	<5	<10	162	2345	<2	112	18	15	59
51801D	197020																IS															
51802	197021	<1	2.38	13	333	<2	5	0.02	<4	8	22	11	0.57	0.02	12	0.50	125	3	26	260	14	0.34	<5	9	<10	73	1270	<2	24	<10	4	29
51803	197022	<1	2.71	8	339	<2	9	0.68	<4	6	21	2	0.53	<0.01	13	0.61	186	3	23	230	13	0.28	<5	10	<10	95	1170	<2	22	<10	4	8
51804	197023	<1	3.19	15	324	<2	9	1.80	<4	8	17	7	0.63	<0.01	13	0.46	176	2	19	127	6	0.45	<5	9	<10	139	1229	<2	23	<10	4	3
51805	197024	<1	2.82	14	378	<2	<1	0.03	<4	6	18	3	0.60	<0.01	15	0.46	125	2	23	168	6	0.35	<5	9	<10	75	1355	<2	23	<10	3	8
51806	197025	<1	2.75	16	313	<2	3	0.29	<4	6	21	5	0.75	<0.01	15	0.60	189	1	17	171	7	0.49	<5	8	<10	94	1358	<2	25	<10	4	11
51807	197026	<1	2.55	10	264	<2	8	0.41	<4	5	12	5	0.54	<0.01	14	0.57	175	1	13	206	5	0.32	<5	13	<10	86	1181	<2	21	<10	3	10
51808	197027	<1	2.87	10	305	<2	1	0.88	<4	5	13	3	0.60	<0.01	15	0.77	306	2	13	191	10	0.34	<5	9	<10	117	1194	4	22	<10	3	16
51809	197028	<1	2.50	10	368	<2	30	0.52	<4	5	18	1	0.66	<0.01	15	0.65	275	2	15	240	13	0.37	<5	12	<10	109	1234	<2	23	<10	3	18
51810	197029	<1	0.06	13	162	<2	<1	<0.01	<4	5	16	2	0.51	<0.01	9	0.42	173	1	17	165	14	0.26	<5	11	<10	57	1110	<2	20	<10	2	18
51811	197030	<1	1.93	6	294	<2	7	1.63	<4	13	41	21	3.10	<0.01	10	1.20	605	1	27	520	7	0.06	<5	<5	<10	209	2187	3	102	18	14	47
51812D	197030																IS															
51813	197031	<1	1.98	13	277	<2	7	0.73	<4	6	11	5	0.39	1.13	9	0.36	168	1	14	346	19	0.17	<5	8	<10	151	1045	<2	20	<10	4	20
51814	197032	<1	1.41	16	233	<2	10	0.96	<4	6	12	11	0.52	0.13	8	0.40	262	<1	13	367	20	0.29	<5	6	<10	136	1034	<2	20	<10	3	57
51815	197033	<1	1.22	11	239	<2	6	0.36	<4	5	11	12	0.31	<0.01	8	0.24	120	2	15	323	39	0.16	<5	12	<10	116	904	<2	17	<10	3	37
51816	197034	<1	1.34	19	249	<2	5	0.18	<4	6	12	8	0.39	0.08	11	0.29	158	<1	19	357	92	0.22	<5	11	<10	98	1201	<2	20	<10	3	255
51817	197035	<1	1.39	9	238	<2	2	0.36	<4	6	18	5	0.36	<0.01	9	0.24	137	1	13	375	50	0.18	<5	14	<10	103	1247	<2	22	<10	3	114
51818	197036	<1	0.79	14	207	<2	1	0.32	<4	5	16	6	0.31	<0.01	6	0.20	122	1	12	286	46	0.17	<5	7	<10	107	928	<2	18	<10	3	142
51819	197037	<1	2.13	25	358	<2	19	0.90	<4	9	33	40	1.20	<0.01	14	0.69	379	1	22	404	60	0.76	<5	7	<10	150	1410	<2	30	<10	5	138

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
Susan Schmitz, Customer Services Manager

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 Treasury Metals Inc
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 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
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 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51820	197038	<1	1.63	16	324	<2	19	0.39	<4	7	16	13	0.48	<0.01	11	0.38	197	1	13	345	20	0.23	<5	11	<10	123	1151	<2	22	<10	4	30
51821	197039	<1	1.22	7	332	<2	<1	0.28	<4	7	15	6	0.48	<0.01	10	0.29	144	<1	11	351	18	0.20	<5	5	<10	121	1201	<2	22	<10	4	36
51822	197040	73	1.46	41	356	<2	15	0.94	19	14	29	52	3.04	<0.01	10	0.83	496	3	24	505	618	0.37	37	9	231	179	1661	<2	84	54	12	1903
51823D	197040																IS															
51824	197041	<1	0.72	7	249	<2	19	0.72	<4	7	11	10	1.47	<0.01	11	0.54	277	<1	12	408	12	0.29	<5	<5	<10	127	1534	<2	25	<10	5	46
51825	197042	<1	0.74	3	257	<2	9	0.74	<4	7	12	5	1.50	<0.01	12	0.59	363	<1	12	410	11	0.21	<5	13	<10	130	1637	<2	26	<10	5	40
51826	197043	<1	0.84	5	246	<2	<1	0.76	<4	5	6	5	1.29	<0.01	10	0.58	399	<1	8	337	10	0.16	<5	8	<10	148	1315	<2	22	<10	4	38
51827	197044	<1	1.58	6	357	<2	25	0.58	<4	9	10	46	1.68	<0.01	15	0.70	531	<1	13	530	50	0.51	<5	9	<10	138	1726	<2	30	<10	6	243
51828	197045	<1	1.57	9	361	<2	26	0.51	<4	7	13	21	1.69	<0.01	17	0.65	431	1	18	470	28	0.39	<5	10	<10	119	1685	<2	29	<10	5	153
51829	197046	<1	2.92	11	432	<2	10	1.15	<4	10	20	14	2.12	<0.01	19	0.74	579	2	30	538	21	0.52	<5	12	<10	166	1897	<2	37	<10	6	47
51830	197047	<1	4.55	20	404	<2	12	1.31	<4	9	22	18	1.94	<0.01	15	0.76	614	3	28	470	34	0.92	<5	18	<10	179	1770	<2	30	<10	6	81
51831	197048	1	3.91	38	419	<2	8	0.92	<4	9	22	78	1.86	0.06	13	0.67	517	2	26	496	83	1.09	<5	12	<10	149	1706	2	30	14	6	824
51832	197049	3	3.46	24	432	<2	14	0.94	<4	7	27	71	1.75	<0.01	14	0.71	551	3	35	456	504	0.87	<5	14	<10	136	1678	<2	29	12	5	618
51833	197050	<1	2.92	24	412	<2	6	0.16	<4	10	35	9	1.37	<0.01	12	0.41	227	6	44	463	52	0.98	<5	6	<10	96	1610	<2	30	14	5	730
51834D	197050																IS															
51835	197051	<1	2.61	23	213	<2	2	0.90	<4	9	54	16	1.35	<0.01	11	0.33	199	5	55	379	31	1.00	<5	12	<10	113	1337	<2	26	<10	6	87
51836	197052	3	2.38	14	244	<2	20	0.60	<4	7	37	50	1.70	<0.01	13	0.58	404	4	51	332	822	1.00	<5	7	<10	89	1363	<2	29	10	5	602
51837	197053	<1	2.61	9	222	<2	6	0.93	<4	7	29	15	1.44	<0.01	14	0.68	359	2	27	506	40	0.56	<5	<5	<10	112	1497	<2	30	<10	6	50
51838	197054	<1	1.93	5	232	<2	8	1.06	<4	5	25	12	1.31	<0.01	10	0.62	335	2	33	580	17	0.43	<5	12	<10	114	1360	<2	28	<10	5	21
51839	197055	<1	2.60	22	308	<2	4	1.07	<4	6	26	14	1.39	<0.01	11	0.64	304	3	32	583	23	0.66	<5	11	<10	117	1465	<2	28	154	6	39

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51840	197056	<1	2.08	10	197	<2	11	1.27	<4	6	26	13	1.43	<0.01	11	0.67	367	3	33	625	17	0.48	<5	5	<10	112	1463	<2	31	<10	5	20
51841	197057	<1	2.37	25	301	<2	16	0.76	<4	8	24	6	1.47	<0.01	17	0.93	447	3	33	696	24	0.77	<5	8	<10	95	1809	<2	34	<10	5	45
51842	197058	1	3.21	22	357	<2	8	1.33	<4	5	27	11	1.59	<0.01	16	0.90	564	3	36	633	18	0.55	<5	7	<10	97	1671	<2	33	<10	6	35
51843	197059	<1	2.52	25	358	<2	11	0.45	<4	5	39	6	1.34	<0.01	13	0.60	395	6	53	500	42	0.81	<5	7	<10	81	1478	<2	27	<10	5	44
51844	197060	2	3.00	49	210	<2	18	0.60	<4	12	24	2092	4.70	0.10	25	0.76	991	15	18	606	77	2.89	<5	10	<10	142	766	<2	50	14	8	511
51845R	197060	IS																														
51846	197061	1	2.42	26	366	<2	3	0.35	<4	5	32	14	1.43	<0.01	13	0.58	479	4	50	532	46	1.07	<5	10	<10	83	1425	<2	25	<10	5	174
51847	197062	6	1.48	27	305	<2	2	<0.01	<4	4	41	20	1.36	<0.01	9	0.40	262	7	69	481	124	1.08	<5	<5	<10	49	1270	<2	23	<10	4	194
51848	197063	3	2.93	23	398	<2	18	0.52	<4	5	40	46	1.57	<0.01	19	0.96	823	6	58	497	124	0.90	<5	8	<10	82	1638	<2	28	<10	5	140
51849	197064	<1	1.99	15	249	<2	14	0.11	<4	8	46	18	1.16	<0.01	20	0.98	712	6	63	528	83	0.37	<5	13	<10	57	1524	2	29	<10	4	97
51850	197065	<1	2.32	21	303	<2	11	<0.01	<4	6	37	7	0.75	<0.01	17	0.70	420	6	50	353	97	0.38	<5	9	<10	55	1356	<2	24	<10	4	186
51851	197066	2	0.83	24	206	<2	15	<0.01	<4	4	68	21	0.83	0.03	8	0.33	166	11	81	180	245	0.50	<5	9	<10	52	817	<2	16	13	3	698
51852	197067	2	<0.01	12	140	<2	18	<0.01	<4	2	51	16	0.63	<0.01	5	0.26	127	9	61	146	196	0.38	<5	6	<10	39	618	<2	12	<10	2	553
51853	197068	<1	1.52	20	238	<2	4	<0.01	<4	7	53	7	0.89	<0.01	14	0.72	429	8	71	299	72	0.54	<5	5	<10	56	1090	<2	20	<10	3	85
51854	197069	1	1.15	23	219	<2	<1	<0.01	<4	6	44	7	0.87	<0.01	7	0.34	191	8	64	295	152	0.64	<5	12	<10	36	933	<2	17	<10	3	195
51855	197070	<1	0.90	7	197	<2	14	1.55	<4	15	49	24	3.37	<0.01	12	1.30	651	2	30	594	7	0.07	<5	5	<10	146	2318	<2	105	18	14	65
51856D	197070	IS																														
51857	197071	1	1.90	38	253	<2	12	<0.01	<4	11	49	10	1.30	0.12	10	0.34	162	8	72	320	139	1.12	<5	8	<10	36	1013	<2	19	<10	3	466
51858	197072	1	1.33	26	211	<2	14	<0.01	<4	9	17	81	0.95	<0.01	10	0.56	247	2	26	321	157	0.86	<5	9	<10	43	883	<2	15	<10	3	187
51859	197073	14	1.89	50	206	<2	<1	<0.01	<4	7	25	93	1.55	<0.01	8	0.27	<100	6	30	243	3125	1.66	13	9	<10	35	827	<2	14	<10	3	386

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015


Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/22/2013
Date Completed: 04/15/2013
Revised Date: 05/23/2013
Job #: 201340660
Reference: TL13-317
Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51860	197074	2	2.49	30	247	<2	6	<0.01	<4	6	36	23	1.08	<0.01	9	0.32	<100	6	46	310	426	0.98	<5	15	<10	40	943	<2	13	<10	4	468
51861	197075	2	1.95	33	241	<2	14	<0.01	<4	6	28	17	0.92	<0.01	9	0.33	<100	4	43	283	429	0.84	<5	6	<10	35	910	<2	16	12	3	703
51862	197076	2	2.13	22	251	<2	10	<0.01	<4	5	24	12	0.71	<0.01	7	0.26	<100	4	36	284	377	0.62	<5	14	<10	31	935	<2	17	10	3	659
51863	197077	13	2.15	36	238	<2	13	<0.01	21	6	36	156	1.22	<0.01	10	0.34	129	5	50	284	2882	1.45	10	6	<10	41	960	<2	18	90	4	6779
51864	197078	<1	2.55	23	234	<2	<1	0.28	<4	9	22	7	0.65	<0.01	12	0.70	375	3	34	402	74	0.44	<5	9	<10	60	1167	<2	21	<10	4	97
51865	197079	<1	2.77	22	272	<2	10	0.27	<4	10	25	5	0.68	<0.01	14	0.58	316	3	42	454	59	0.47	<5	10	<10	53	1392	<2	26	<10	4	93
51866	197080																IS															
51867D	197080																IS															
51868	197081	<1	0.38	16	141	<2	14	<0.01	<4	5	17	8	0.61	<0.01	10	0.54	307	2	24	367	88	0.45	<5	9	<10	30	945	<2	16	<10	3	137
51869	197082	<1	1.27	24	169	<2	12	0.09	<4	4	19	7	0.73	<0.01	13	0.58	375	3	27	368	44	0.56	<5	13	<10	40	1165	<2	20	<10	3	146
51870	197083	<1	1.67	17	184	<2	5	0.11	<4	4	26	4	0.70	<0.01	15	0.62	439	4	36	371	38	0.50	<5	5	<10	44	1242	<2	21	<10	3	56
51871	197084	<1	1.60	16	224	<2	4	0.05	<4	4	26	7	0.69	<0.01	13	0.59	423	3	31	352	42	0.49	<5	9	<10	42	1153	<2	21	<10	3	57
51872	197085	<1	1.76	14	177	<2	<1	<0.01	<4	3	23	6	0.60	<0.01	15	0.57	367	3	29	340	37	0.39	<5	10	<10	39	1189	<2	21	<10	3	64
51873	197086	3	1.50	22	141	<2	3	<0.01	<4	3	28	15	0.99	<0.01	18	0.87	681	3	35	397	286	0.73	<5	12	<10	37	1308	<2	23	<10	4	491
51874	197087	1	2.15	16	219	<2	8	0.10	<4	4	28	20	1.35	<0.01	15	0.75	473	3	29	378	156	1.15	<5	11	<10	59	1230	<2	23	<10	4	225
51875	197088	<1	2.32	15	249	<2	9	0.24	<4	3	32	7	0.79	<0.01	18	0.79	468	4	31	431	27	0.41	<5	7	<10	56	1219	<2	22	<10	4	28
51876	197089	2	1.28	38	236	<2	11	<0.01	<4	16	36	44	0.99	0.03	12	0.85	534	6	65	352	141	0.72	<5	10	<10	48	1101	<2	20	<10	3	152
51877	197090																IS															
51878D	197090																IS															
51879	197091	3	1.88	47	219	<2	27	<0.01	<4	14	30	26	0.91	<0.01	10	0.49	283	5	50	303	345	0.78	<5	14	<10	59	979	<2	17	11	3	615

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
Susan Schmitz, Customer Services Manager

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Final Certificate

Treasury Metals Inc
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Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/22/2013
Date Completed: 04/15/2013
Revised Date: 05/23/2013
Job #: 201340660
Reference: TL13-317
Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	
51880	197092	69	0.23	125	150	<2	15	<0.01	10	12	33	102	1.85	0.05	4	0.19	<100	4	54	267	4392	2.13	57	5	<10	23	676	<2	15	54	3	4147	
51881	197093	4	1.11	34	220	<2	16	<0.01	<4	9	28	15	0.88	<0.01	7	0.34	129	4	45	295	371	0.79	<5	7	<10	26	849	<2	15	<10	3	394	
51882	197094	52	1.43	79	231	<2	5	<0.01	15	10	42	50	1.13	<0.01	8	0.35	181	10	50	257	1747	1.27	23	11	<10	29	879	<2	18	74	3	5456	
51883	197095	>100	1.23	59	219	<2	8	<0.01	17	10	35	165	1.33	<0.01	8	0.37	202	11	53	246	13977	1.66	85	10	<10	34	853	<2	18	80	3	6118	
51884	197096	<1	2.86	8	236	<2	10	0.42	<4	3	26	9	0.79	<0.01	21	0.87	491	3	32	383	53	0.38	<5	10	<10	76	1245	<2	21	<10	4	39	
51885	197097	<1	3.11	64	271	<2	<1	0.09	<4	4	18	29	0.75	<0.01	13	0.37	178	2	21	357	75	0.45	<5	13	<10	58	1308	<2	21	125	4	389	
51886	197098	<1	3.62	21	297	<2	13	0.63	<4	6	22	10	2.02	<0.01	17	0.57	241	4	29	404	31	1.91	<5	6	<10	124	1527	<2	32	<10	5	68	
51887	197099	<1	3.43	13	288	<2	6	0.98	<4	8	27	17	1.98	<0.01	21	0.98	310	2	26	431	37	1.80	<5	10	<10	163	1503	<2	34	<10	6	72	
51888	197100	71	1.49	41	349	<2	16	0.92	19	14	28	52	2.93	<0.01	10	0.82	489	4	22	506	613	0.37	39	8	220	174	1650	<2	81	52	12	1867	
51889D	197100																IS																
51890	197101	<1	2.71	11	253	<2	<1	0.74	<4	7	23	7	1.48	0.07	14	0.81	194	3	33	385	16	1.28	<5	5	<10	134	1235	<2	32	<10	5	46	
51891	197102	<1	3.02	10	248	<2	10	1.00	<4	5	26	11	1.26	<0.01	17	0.91	245	3	32	440	10	1.00	<5	6	<10	169	1167	6	31	<10	4	25	
51892	197103	<1	3.72	8	285	<2	18	0.80	<4	7	32	4	1.63	<0.01	22	0.98	234	5	43	466	11	1.24	<5	12	<10	185	1398	3	32	<10	5	30	
51893	197104	<1	5.10	9	298	<2	2	3.18	<4	7	35	15	2.25	<0.01	20	1.76	371	3	39	442	11	0.52	<5	18	<10	314	1470	3	35	<10	6	74	
51894	197105	<1	4.26	9	291	<2	7	2.07	<4	7	24	12	2.28	<0.01	22	1.19	235	2	33	429	6	0.35	<5	7	<10	269	1366	<2	32	<10	6	49	
51895	197106	<1	5.59	5	360	<2	15	2.43	<4	6	25	3	2.70	<0.01	30	1.35	340	3	30	471	6	0.18	<5	8	<10	317	1808	<2	38	<10	6	52	
51896	197107	<1	3.60	6	412	<2	<1	1.53	<4	8	22	17	1.97	<0.01	19	1.00	247	3	34	478	16	0.75	<5	6	<10	246	1445	<2	30	<10	5	43	
51897	197108	<1	1.95	6	178	<2	10	1.59	<4	6	23	8	1.27	<0.01	13	1.19	208	3	31	482	16	0.72	<5	5	<10	212	1192	<2	22	<10	5	36	
51898	197109	<1	3.37	9	295	<2	6	1.61	<4	8	40	19	2.89	<0.01	23	1.73	250	7	69	579	28	2.12	<5	<5	<10	243	1496	5	37	22	7	66	
51899	197110	1	1.60	10	271	<2	7	1.85	<4	16	54	27	3.82	<0.01	13	1.46	735	2	33	664	9	0.07	<5	<5	<10	172	2520	3	120	18	17	61	

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51900D	197110																IS															
51901	197111	<1	1.44	6	208	<2	11	1.18	<4	5	25	6	1.11	<0.01	11	1.02	167	4	37	461	16	0.74	<5	6	<10	177	1259	<2	30	<10	4	42
51902	197112	<1	3.25	12	367	<2	7	0.99	<4	13	26	9	1.98	<0.01	18	1.08	183	4	41	572	10	1.81	<5	11	<10	210	1494	<2	40	<10	5	85
51903	197113	<1	1.63	4	302	<2	<1	0.73	<4	6	27	15	1.85	<0.01	16	0.70	171	3	37	473	8	1.68	<5	9	<10	142	1304	2	29	<10	5	43
51904	197114	<1	<0.01	11	159	<2	11	<0.01	<4	7	17	3	1.41	<0.01	6	0.23	<100	2	26	338	8	1.37	<5	<5	<10	58	825	<2	17	<10	3	47
51905	197115	<1	2.16	15	335	<2	<1	0.21	<4	7	32	8	1.38	<0.01	17	0.56	143	4	45	387	7	1.18	<5	7	<10	122	1291	<2	26	<10	4	66
51906	197116	<1	2.19	16	381	<2	<1	0.14	<4	8	18	8	1.60	<0.01	19	0.62	151	1	26	392	8	1.49	<5	9	<10	108	1404	<2	27	<10	4	71
51907	197117	<1	2.42	17	435	<2	8	1.09	<4	7	26	4	1.77	0.09	16	1.05	404	3	29	413	12	1.57	<5	9	<10	154	1487	<2	28	<10	5	42
51908	197118	<1	0.05	34	359	<2	3	<0.01	<4	6	17	3	1.30	<0.01	9	0.30	185	<1	19	368	6	1.22	<5	<5	<10	62	1091	<2	24	<10	4	23
51909	197119	<1	1.79	45	375	<2	7	0.60	<4	9	28	13	2.13	<0.01	15	0.52	374	2	24	435	8	1.95	<5	13	<10	162	1413	<2	34	<10	6	30
51910	197120	2	2.89	48	214	<2	14	0.66	4	13	28	2390	5.36	0.04	27	0.82	1107	16	21	699	79	3.12	<5	13	<10	139	811	<2	54	13	8	737
51911R	197120																IS															
51912	197121	<1	3.16	27	495	<2	<1	1.10	<4	9	36	12	2.09	<0.01	24	0.96	570	6	59	652	11	1.08	<5	<5	<10	223	1575	<2	39	<10	6	205
51913	197122	<1	4.39	18	335	<2	8	1.12	<4	24	149	73	4.25	<0.01	15	1.41	683	5	103	478	89	1.49	<5	8	<10	64	1582	2	85	<10	10	207
51914	197123	2	4.39	151	415	2	13	<0.01	<4	22	143	104	4.26	<0.01	10	0.38	105	6	116	457	466	3.92	<5	<5	<10	50	1151	<2	94	15	8	768
51915	197124	14	2.93	280	376	<2	14	<0.01	9	5	27	412	2.12	<0.01	7	0.22	<100	4	37	374	1165	2.12	74	<5	<10	48	838	<2	27	46	4	3272
51916	197125	2	1.44	110	347	<2	11	<0.01	<4	6	27	35	1.97	<0.01	3	0.17	<100	4	36	329	211	1.86	9	5	<10	39	685	<2	22	11	3	591
51917	197126	<1	3.02	43	534	<2	13	0.07	<4	7	30	15	1.18	<0.01	7	0.43	132	4	41	398	45	0.77	<5	6	<10	61	976	<2	28	<10	5	316
51918	197127	<1	4.79	39	639	<2	3	0.49	<4	10	29	9	1.36	<0.01	11	0.67	275	3	43	571	42	0.68	<5	15	<10	77	1462	<2	35	<10	6	72
51919	197128	<1	3.19	36	444	<2	7	<0.01	<4	7	21	18	1.06	0.02	7	0.32	<100	3	30	504	45	0.74	<5	10	<10	54	1112	<2	29	<10	5	60

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Final Certificate

 Treasury Metals Inc
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 M5X 1B1
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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51920	197129	1	2.27	41	332	<2	7	<0.01	<4	6	21	24	1.00	0.04	5	0.36	102	2	26	427	77	0.70	<5	10	<10	56	939	<2	25	<10	4	251
51921	197130	<1	1.83	6	271	<2	<1	1.61	<4	14	45	22	3.14	<0.01	11	1.24	613	1	27	547	7	0.06	<5	7	<10	187	2175	<2	101	16	14	51
51922D	197130	IS																														
51923	197131	<1	3.87	44	400	<2	6	0.21	<4	7	28	14	1.14	0.10	9	0.50	187	4	36	454	54	0.61	<5	13	<10	65	1269	<2	31	<10	6	80
51924	197132	<1	2.50	58	256	<2	<1	0.60	<4	13	87	37	2.04	<0.01	7	0.67	295	4	68	358	40	1.23	<5	6	<10	67	1113	<2	46	<10	7	71
51925	197133	<1	2.86	68	260	<2	<1	<0.01	<4	9	34	53	1.59	<0.01	7	0.30	<100	2	38	392	33	1.30	<5	8	<10	44	1091	<2	34	<10	5	369
51926	197134	1	3.41	53	276	2	15	0.04	<4	24	141	61	2.97	<0.01	9	0.72	270	4	98	531	50	1.70	<5	<5	<10	57	1203	<2	76	<10	9	69
51927	197135	<1	4.45	54	374	2	6	0.52	<4	18	116	39	3.03	<0.01	11	0.91	414	4	86	469	57	1.85	<5	13	<10	78	1434	<2	75	<10	9	197
51928	197136	<1	4.28	57	368	<2	12	0.61	<4	19	118	41	3.24	<0.01	10	0.97	462	4	84	481	67	2.02	<5	6	<10	82	1427	<2	75	<10	9	223
51929	197137	4	2.70	145	320	<2	<1	0.23	<4	8	30	105	1.64	<0.01	6	0.52	242	3	34	375	365	1.31	24	<5	<10	71	1106	<2	30	13	5	795
51930	197138	<1	2.83	82	272	<2	15	0.75	<4	14	66	96	2.47	<0.01	8	0.80	447	4	56	426	94	1.77	<5	10	<10	91	1191	<2	44	<10	8	161
51931	197139	<1	2.28	36	300	<2	1	0.52	<4	12	49	36	1.95	<0.01	8	0.70	398	3	48	428	70	1.26	<5	5	<10	70	1267	<2	40	<10	8	189
51932	197140	<1	2.05	11	296	<2	12	1.71	<4	16	49	32	3.74	<0.01	13	1.40	701	2	34	603	5	0.07	<5	<5	<10	179	2350	3	114	19	15	66
51933D	197140	IS																														
51934	197141	1	2.95	42	345	<2	11	0.81	<4	8	22	37	1.67	<0.01	9	0.82	460	3	39	452	93	1.08	<5	10	<10	101	1341	4	29	<10	5	171
51935	197142	1	2.71	61	385	<2	11	0.32	<4	8	22	51	2.03	<0.01	9	0.54	244	3	37	473	98	1.56	<5	8	<10	73	1422	<2	28	<10	5	84
51936	197143	<1	3.30	27	316	<2	<1	1.99	<4	6	20	19	1.74	<0.01	11	1.35	659	2	31	469	45	0.73	<5	8	<10	114	1243	<2	30	<10	5	84
51937	197144	<1	3.25	45	351	2	8	1.39	<4	8	18	16	2.18	<0.01	11	1.08	518	1	27	471	99	1.19	<5	<5	<10	109	1482	<2	30	<10	5	134
51938	197145	3	2.38	86	260	<2	7	<0.01	<4	15	82	71	2.51	<0.01	7	0.35	102	3	60	413	407	1.95	<5	<5	<10	48	1430	<2	55	<10	8	371
51939	197146	4	2.56	139	242	<2	9	<0.01	4	13	66	198	2.78	<0.01	8	0.37	151	3	52	399	287	2.51	<5	7	<10	48	1461	<2	44	22	8	1284

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/22/2013
 Date Completed: 04/15/2013
 Revised Date: 05/23/2013
 Job #: 201340660
 Reference: TL13-317
 Sample #: 148

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
51940	197147	<1	2.50	42	204	<2	<1	0.60	<4	7	24	42	1.62	0.09	9	0.65	342	3	34	377	40	1.08	<5	5	<10	65	1321	<2	29	<10	5	132
51941	197148	<1	3.65	45	244	<2	4	1.01	<4	9	20	7	1.76	<0.01	14	0.84	438	2	35	482	24	1.00	<5	15	<10	79	1625	<2	31	<10	6	61

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
Susan Schmitz, Customer Services Manager

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Monday, May 27, 2013

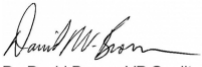
Final Certificate

 Treasury Metals Inc
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 05/23/2013
 Date Completed: 05/27/2013
 Job #: 201341143
 Reference: TL13-317
 Sample #: 5

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
83714	197073	0.389	0.375	0.396	0.383	3.84%	13.47
83715	197074	2.126	2.100	8.370	2.453	5.43%	8.13
83716	197075	8.088	7.571	40.823	8.648	2.48%	7.35
83717	197076	9.096	8.423	38.204	10.016	4.27%	13.42
83718	197077	0.383	0.374	0.351	0.377	4.48%	13.56

PROCEDURE CODES: ALM1, ALPM1


 Certified By: Dr. David Brown, VP Quality

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Wednesday, December 16, 2015

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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 04/16/2013
 Date Completed: 05/23/2013
 Job #: 201340891
 Reference: TL 13-317
 Sample #: 3

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metals Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
68216	197094	0.599	0.237	0.157	0.406	4.42%	44.15
68217	197095	0.060	0.058	0.041	0.058	2.98%	29.77
68218	197096	0.058	0.057	0.375	0.066	2.55%	25.48

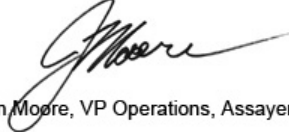
APPLIED SCOPES: ALPM1

Validated By:



Derek Demianiuk, VP Quality

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



Derek Demianiuk, VP Quality

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Monday, March 11, 2013


Final Certificate

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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/28/2013
 Date Completed: 03/05/2013
 Job #: 201340478
 Reference: TL13-320
 Sample #: 83

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
37268	1328781	0.048	3	8.03	3	603	<2	42	2.09	<4	6	41	90	1.49	1.49	23	0.96	502	5	29	384	497	0.83	<5	12	12	156	1425	35	25	15	2	674
37269	1328782	0.043	6	5.88	<2	699	<2	51	8.58	11	3	23	145	2.57	1.01	14	4.50	3765	3	22	261	1014	1.05	<5	11	15	159	810	43	24	281	3	3166
37270	1328783	0.190	1	6.88	11	3107	<2	26	3.54	<4	6	53	32	1.70	1.72	19	1.98	1314	3	41	421	175	0.83	<5	19	14	276	1287	42	24	25	3	229
37271	1328784	0.089	2	8.26	<2	975	<2	23	2.45	4	6	32	50	1.44	1.22	23	1.41	912	4	28	352	441	0.72	5	14	<10	147	1401	23	23	25	2	1346
37272	1328785	0.207	1	8.41	9	809	<2	27	1.98	<4	6	28	23	1.26	1.28	27	1.12	676	2	23	326	364	0.41	<5	12	12	122	1615	41	25	10	2	187
37273	1328786	0.285	1	8.14	13	761	<2	12	1.89	<4	6	28	33	1.16	1.24	27	1.03	652	3	22	297	89	0.49	<5	11	<10	116	1417	32	22	<10	2	173
37274	1328787	0.076	<1	7.41	10	794	<2	29	2.24	<4	5	29	31	1.23	1.18	23	1.51	948	3	26	282	134	0.41	<5	11	15	123	1338	66	22	<10	2	116
37275	1328788	0.314	<1	6.96	11	652	<2	13	1.63	<4	5	28	17	1.09	1.04	23	1.16	606	2	25	263	58	0.36	<5	<5	<10	101	1363	9	21	<10	2	105
37276	1328789	0.100	1	9.55	15	862	<2	19	2.47	<4	7	31	32	1.43	1.31	28	1.29	735	3	27	349	82	0.60	<5	7	16	141	1554	46	26	<10	2	196
37277	1328790	0.009	<1	7.30	6	538	<2	36	2.81	<4	15	60	21	3.11	1.00	17	1.20	622	2	34	546	<1	0.07	<5	<5	10	267	2414	23	105	24	13	36
37278D	1328790	IS																															
37279	1328791	0.082	2	8.26	12	724	<2	4	1.94	<4	6	35	195	1.20	1.22	26	1.18	577	4	29	283	161	0.48	<5	5	13	133	1392	43	22	<10	2	255
37280	1328792	0.014	<1	6.25	8	641	<2	32	1.22	<4	6	25	24	1.15	1.11	24	1.16	457	2	21	294	17	0.32	<5	7	10	80	1379	14	21	<10	2	104
37281	1328793	0.007	<1	7.01	13	599	<2	15	2.24	<4	5	33	24	1.27	1.26	21	1.60	867	3	25	282	23	0.47	<5	15	<10	103	1270	14	21	<10	2	74
37282	1328794	0.027	5	6.61	13	581	<2	50	2.18	4	5	26	19	1.32	1.01	28	1.61	842	3	21	285	1431	0.50	<5	5	14	95	1318	56	21	20	2	1314
37283	1328795	0.020	<1	7.00	9	577	<2	30	2.12	<4	5	28	18	1.19	1.21	23	1.38	740	3	21	273	45	0.40	<5	10	<10	101	1300	32	21	<10	2	89
37284	1328796	0.016	<1	7.60	<2	576	<2	2	2.44	<4	6	29	20	1.32	1.14	25	1.64	884	2	24	284	59	0.41	<5	13	16	110	1373	25	22	<10	2	142
37285	1328797	0.313	<1	6.54	7	550	<2	<1	1.40	<4	6	26	12	1.33	1.05	25	1.24	628	1	24	360	1	0.36	<5	12	11	79	1533	24	24	<10	2	46
37286	1328798	0.020	<1	8.64	16	620	<2	13	1.98	<4	6	26	25	1.24	1.23	27	1.20	577	2	22	318	9	0.37	<5	9	12	102	1595	23	24	<10	2	36
37287	1328799	0.047	<1	7.82	9	567	<2	<1	2.10	<4	6	26	40	1.27	1.19	24	1.27	598	2	23	288	2	0.33	<5	11	13	100	1439	14	22	<10	2	24

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Monday, March 11, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/28/2013
 Date Completed: 03/05/2013
 Job #: 201340478
 Reference: TL13-320
 Sample #: 83

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
37288	1328800	0.375	2	7.22	49	375	<2	7	1.51	5	13	42	2351	5.34	1.09	33	0.80	1127	18	31	681	69	3.45	<5	9	<10	161	865	18	58	13	7	600
37289D	1328800	IS																															
37290	1328801	0.032	<1	7.83	3	672	<2	11	2.13	<4	6	30	28	1.28	1.20	25	1.20	570	3	26	301	9	0.39	<5	12	10	95	1453	36	22	<10	2	52
37291	1328802	0.047	3	7.24	14	569	<2	29	2.21	8	6	27	67	1.73	1.10	26	1.63	863	2	24	300	1772	0.90	<5	18	17	100	1378	12	22	39	2	3031
37292	1328803	0.018	<1	8.02	8	623	<2	22	1.70	<4	7	27	13	1.31	1.35	33	1.16	450	3	23	333	11	0.28	<5	<5	10	98	1634	12	25	<10	2	49
37293	1328804	0.048	<1	8.07	8	570	<2	22	1.83	<4	6	25	22	1.30	1.48	33	1.21	480	3	22	371	<1	0.42	<5	11	16	114	1678	35	26	<10	2	14
37294	1328805	0.619	<1	7.40	15	614	<2	32	2.32	<4	8	73	36	1.66	1.04	26	1.67	654	3	51	485	8	0.68	<5	12	13	112	1489	<2	25	<10	3	97
37295	1328806	0.108	<1	7.05	11	568	<2	36	1.49	<4	5	30	3	1.63	1.05	27	2.05	816	2	22	288	440	0.70	<5	19	17	92	1319	33	21	18	2	1078
37296	1328807	0.015	1	8.23	<2	696	<2	<1	2.13	<4	6	32	21	1.35	1.21	28	1.50	616	2	25	289	175	0.52	<5	8	12	132	1427	21	24	<10	2	468
37297	1328808	0.011	<1	7.75	<2	612	<2	17	2.14	<4	6	29	10	1.47	1.10	31	1.95	785	3	29	307	38	0.43	<5	<5	<10	114	1496	34	23	<10	2	83
37298	1328809	0.027	<1	8.17	10	708	<2	37	1.82	<4	6	27	20	1.32	1.08	31	1.84	617	3	30	305	13	0.37	<5	11	15	107	1514	30	27	<10	2	206
37299	1328810	0.007	<1	5.52	13	416	<2	6	2.36	<4	14	54	20	2.96	0.85	15	1.19	596	2	34	506	<1	0.08	<5	<5	12	204	2115	17	98	22	12	77
37300D	1328810	IS																															
37301	1328811	0.155	<1	>10.00	20	828	<2	66	1.64	<4	7	36	9	1.76	1.52	42	2.21	722	4	34	421	<1	0.38	5	12	<10	115	1786	58	41	10	3	53
37302	1328812	0.042	<1	8.49	12	634	<2	56	1.69	<4	6	32	10	1.37	1.13	35	2.15	752	2	28	351	8	0.33	<5	9	12	91	1459	24	32	<10	3	86
37303	1328813	0.022	<1	8.56	11	698	<2	58	1.41	<4	6	30	15	1.59	1.20	36	2.21	731	2	31	341	52	0.37	<5	<5	13	80	1491	30	25	10	2	209
37304	1328814	0.017	<1	8.29	14	675	<2	<1	1.36	<4	5	30	2	1.23	1.54	38	1.92	760	3	32	331	2	0.16	<5	8	15	66	1413	43	27	<10	2	35
37305	1328815	0.042	1	8.24	18	697	<2	27	1.37	<4	6	39	13	1.47	1.44	35	1.80	712	6	42	311	103	0.43	<5	8	<10	64	1474	15	24	<10	2	127
37306	1328816	0.051	<1	8.18	18	660	<2	22	1.30	<4	6	33	8	1.47	1.41	35	1.90	679	3	36	309	147	0.42	<5	<5	13	66	1405	17	23	<10	2	109
37307	1328817	0.188	<1	7.72	12	651	<2	9	1.66	<4	6	28	25	1.33	1.46	33	1.61	669	1	28	305	39	0.44	5	<5	11	79	1321	26	22	<10	2	84

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Reference: TL13-320
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37308	1328818	0.103	2	7.87	17	680	<2	46	1.78	<4	5	31	33	1.27	1.30	28	1.51	610	3	31	290	160	0.42	<5	8	<10	80	1397	26	22	<10	2	137
37309	1328819	0.086	2	8.43	15	738	<2	7	1.81	<4	7	33	44	1.33	1.31	28	1.32	591	4	31	329	148	0.52	<5	10	<10	90	1549	31	25	13	2	524
37310	1328820	1.943	<1	8.02	15	590	<2	47	2.99	<4	17	63	30	3.51	1.12	21	1.32	692	3	39	589	<1	0.08	<5	<5	15	270	2610	45	115	26	13	49
37311D	1328820	IS																															
37312	1328821	0.043	2	8.93	18	755	<2	8	2.40	<4	9	40	20	1.55	1.21	25	1.36	600	5	40	346	157	0.53	<5	7	12	124	1578	30	30	12	3	413
37313	1328822	0.050	2	8.27	60	630	<2	30	2.00	<4	7	49	25	1.05	1.17	22	1.02	406	3	39	555	45	0.38	<5	13	11	93	1417	83	25	<10	3	80
37314	1328823	0.082	<1	8.05	17	667	<2	20	1.07	<4	6	40	12	1.16	1.10	19	0.79	359	4	32	344	11	0.74	<5	5	13	65	1440	39	26	<10	2	44
37315	1328824	0.030	<1	8.08	15	679	<2	20	1.87	<4	7	37	17	1.35	0.98	21	1.14	730	3	33	366	22	0.64	<5	7	11	83	1457	21	25	<10	2	48
37316	1328825	0.223	1	8.94	21	680	<2	10	1.69	<4	7	42	35	1.38	1.36	24	0.89	435	10	38	337	97	0.78	<5	<5	10	69	1493	37	25	<10	2	92
37317	1328826	0.134	<1	8.52	20	643	<2	50	0.75	<4	8	52	29	1.23	1.13	19	0.42	157	5	34	355	24	0.94	<5	<5	12	39	1558	13	26	<10	2	33
37318	1328827	0.565	<1	9.04	23	678	<2	<1	1.26	<4	7	37	19	1.18	1.09	25	0.82	521	3	29	378	13	0.66	<5	<5	14	57	1642	37	26	<10	2	41
37319	1328828	0.087	<1	7.33	16	541	<2	24	1.38	<4	6	28	5	1.15	0.86	21	1.07	739	2	24	323	14	0.46	<5	8	11	49	1445	21	23	<10	2	30
37320	1328829	0.053	<1	8.57	20	681	<2	23	1.14	<4	6	27	5	1.04	1.17	24	0.74	325	2	27	320	5	0.57	<5	<5	15	49	1605	28	25	<10	2	15
37321	1328830	<0.005	<1	7.07	6	522	<2	<1	2.77	<4	15	59	21	3.15	0.94	17	1.20	627	3	37	551	<1	0.08	<5	<5	11	263	2395	30	107	25	13	34
37322D	1328830	IS																															
37323	1328831	0.046	<1	6.84	9	548	<2	37	1.13	<4	6	28	7	1.06	1.08	21	0.91	309	2	26	299	7	0.33	<5	14	10	49	1331	31	21	<10	2	27
37324	1328832	0.007	<1	7.98	10	670	<2	21	1.92	<4	6	32	7	1.14	1.22	27	1.25	255	3	32	299	6	0.08	<5	6	10	83	1404	17	22	<10	2	19
37325	1328833	0.006	<1	7.97	11	798	<2	31	1.24	<4	6	25	3	1.32	1.30	34	1.73	329	1	22	332	<1	0.10	<5	5	11	87	1505	48	25	<10	3	35
37326	1328834	0.128	<1	7.42	16	608	<2	13	0.81	<4	5	26	5	1.07	1.16	27	1.03	223	2	24	325	2	0.36	5	9	13	52	1250	17	23	<10	2	48
37327	1328835	0.753	1	8.01	21	618	<2	11	0.94	<4	7	27	12	0.77	1.32	24	0.53	<100	3	25	291	24	0.45	7	15	<10	52	1164	4	23	<10	2	325

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
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Monday, March 11, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/28/2013
 Date Completed: 03/05/2013
 Job #: 201340478
 Reference: TL13-320
 Sample #: 83

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
37328	1328836	0.211	<1	8.26	48	648	<2	15	0.94	<4	8	30	13	0.93	1.26	24	0.60	122	3	28	339	29	0.52	<5	<5	10	52	1298	26	25	10	2	163
37329	1328837	0.697	<1	7.85	35	611	<2	30	0.65	<4	7	32	21	0.91	1.05	18	0.36	<100	4	29	316	25	0.71	<5	<5	<10	46	1195	37	25	10	2	90
37330	1328838	0.240	<1	7.54	40	529	<2	20	0.68	<4	7	26	12	1.09	1.22	19	0.51	126	3	26	328	21	0.87	<5	6	<10	41	1098	28	23	<10	2	66
37331	1328839	1.125	2	7.48	36	465	<2	34	0.60	<4	7	42	33	1.14	1.18	16	0.35	<100	3	32	187	82	1.07	<5	9	13	44	938	26	28	<10	2	17
37332	1328840	5.080	71	6.54	35	613	<2	14	1.99	22	15	46	52	3.05	1.02	16	0.83	529	5	35	519	655	0.43	51	11	245	242	1877	39	89	71	11	2036
37333R	1328840	IS																															
37334	1328841	1.209	21	5.29	120	468	<2	40	0.71	7	6	34	352	1.29	1.06	14	0.12	<100	3	23	125	1502	1.55	62	8	14	48	712	24	27	41	<2	2623
37335	1328842	0.112	2	7.14	36	560	<2	52	0.77	<4	10	30	55	0.78	0.99	16	0.21	<100	3	26	482	98	0.65	<5	12	10	57	1106	35	36	<10	2	176
37336	1328843	0.041	<1	7.80	23	608	<2	35	1.24	<4	10	30	17	1.36	1.12	22	0.48	180	4	30	529	7	0.87	<5	12	12	67	1582	16	38	<10	2	52
37337	1328844	0.017	<1	8.46	8	770	<2	24	3.14	<4	9	30	4	1.67	1.30	28	1.15	358	3	26	474	4	0.34	<5	11	<10	149	1885	31	36	<10	2	53
37338	1328845	0.014	1	8.53	10	643	<2	5	2.79	<4	9	28	4	1.80	1.35	30	1.44	382	3	23	496	7	0.37	<5	14	10	115	1970	39	38	<10	3	56
37339	1328846	0.024	1	7.78	10	585	<2	30	2.64	<4	8	33	9	1.35	1.21	33	1.12	424	2	23	422	20	0.48	<5	7	13	123	1816	24	35	<10	2	76
37340	1328847	0.080	6	8.07	7	601	<2	13	3.19	<4	8	30	23	1.66	1.20	29	1.36	426	2	24	442	192	0.45	<5	7	11	181	1765	41	35	<10	3	196
37341	1328848	0.019	<1	7.88	<2	694	<2	<1	2.41	<4	9	30	11	1.58	1.13	22	0.73	249	1	25	449	1	0.44	<5	9	<10	136	1801	26	32	<10	3	6
37342	1328849	0.017	<1	8.16	3	502	<2	24	2.62	<4	9	29	5	1.68	1.09	26	0.88	311	1	25	457	<1	0.45	<5	7	<10	156	1906	22	34	<10	3	10
37343	1328850	<0.005	<1	9.30	12	668	<2	20	3.56	<4	19	75	27	3.85	1.31	24	1.49	750	5	41	688	<1	0.11	<5	<5	15	316	2798	37	129	30	15	64
37344D	1328850	IS																															
37345	1328851	0.025	<1	9.47	14	578	<2	33	2.93	<4	10	35	6	1.95	1.44	32	1.15	484	2	28	569	<1	0.57	5	21	14	162	1803	10	39	<10	4	49
37346	1328852	0.239	<1	7.60	19	456	<2	9	2.52	<4	7	30	4	1.43	1.20	25	0.97	398	1	29	419	7	0.53	<5	<5	10	117	1506	16	30	<10	3	27
37347	1328853	0.199	1	6.90	42	448	<2	23	1.62	<4	11	38	17	1.11	1.06	28	0.56	292	4	32	395	76	0.77	<5	13	<10	86	1613	18	33	10	2	225

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Monday, March 11, 2013

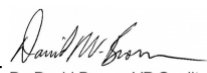
Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 02/28/2013
 Date Completed: 03/05/2013
 Job #: 201340478
 Reference: TL13-320
 Sample #: 83

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
37348	1328854	0.368	1	7.29	26	413	<2	2	1.83	<4	6	37	47	1.17	1.23	31	0.78	478	4	31	424	72	0.70	<5	<5	10	87	1722	36	32	10	2	252
37349	1328855	1.438	4	6.77	103	413	<2	30	1.33	8	8	38	108	2.84	1.39	24	0.53	261	3	32	385	528	3.03	9	<5	10	87	1501	37	32	43	3	2893
37350	1328856	2.026	2	6.57	77	473	<2	5	1.51	7	8	36	84	2.29	1.09	27	0.48	248	4	31	385	278	2.30	11	<5	<10	100	1584	36	33	36	2	2299
37351	1328857	0.017	<1	7.54	14	463	<2	8	2.32	<4	9	30	6	1.81	1.12	26	1.15	347	2	27	521	6	0.33	<5	12	10	153	1853	55	37	<10	4	85
37352	1328858	0.014	<1	7.93	14	516	<2	42	2.80	<4	10	30	11	1.76	0.90	25	1.02	331	2	25	523	<1	0.27	<5	11	<10	229	2078	24	38	<10	4	13
37353	1328859	0.005	<1	6.99	16	581	<2	7	2.63	<4	9	30	10	1.51	0.97	20	0.59	223	2	26	491	<1	0.20	<5	<5	11	226	1996	13	33	<10	4	17
37354	1328860	0.376	3	7.71	47	426	<2	45	1.70	5	13	40	2168	4.94	1.16	33	0.74	1042	17	28	634	67	3.20	<5	11	<10	165	827	21	54	16	6	558
37355D	1328860	IS																															
37356	1328861	0.007	<1	5.98	9	351	<2	18	2.29	<4	9	27	9	1.62	0.98	23	1.03	282	<1	25	466	<1	0.23	<5	<5	12	147	1739	27	28	<10	3	21
37357	1328862	0.011	<1	6.10	2	429	<2	19	2.41	<4	9	28	5	1.68	0.95	24	1.05	348	2	24	469	<1	0.28	<5	8	11	135	1854	20	33	<10	3	15
37358	1328863	0.008	<1	5.73	7	522	<2	<1	2.40	<4	9	41	8	1.70	0.90	22	1.15	318	2	32	474	<1	0.19	7	7	11	135	1917	53	36	<10	4	16

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, December 11, 2015

Final Certificate

 Treasury Metals Inc
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 Date Received: 02/28/2013
 Date Completed: 03/05/2013
 Job #: 201340479
 Reference: TL13-320
 Sample #: 6

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
37359	1328775	44.188	498.367	8708.311	430.494	1.89%	18.89
37360	1328776	1.906	2.067	30.300	2.349	1.28%	12.84
37361	1328777	0.545	0.532	25.319	0.877	1.36%	13.64
37362	1328778	0.163	0.187	3.131	0.216	1.40%	14.05
37363	1328779	0.079	0.080	0.067	0.079	0.84%	8.42
37364	1328780	5.149	5.149		5.149	No Met.	

APPLIED SCOPES: ALPM1

Validated By:


 Derek Demianiuk, VP Quality

Certified By:

Murphy

Authorized By:


 Derek Demianiuk, VP Quality

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Monday, May 13, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Date Received: 03/28/2013
 Date Completed: 04/22/2013
 Job #: 201340712
 Reference: TL13-321
 Sample #: 185

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
54933	197149	<0.005	<1	4.86	9	400	<2	<1	1.40	<4	7	26	11	1.69	0.51	17	0.62	300	2	18	570	4	0.43	<5	11	<10	159	1480	<2	38	<10	7	53
54934	197150	<0.005	<1	5.35	5	399	<2	<1	2.37	<4	15	52	21	3.12	0.31	14	1.25	620	3	26	554	<1	0.07	<5	11	<10	267	2351	5	110	31	16	55
54935	197151	<0.005	<1	5.14	8	412	<2	<1	1.43	<4	6	20	8	1.38	0.18	13	0.31	191	3	18	564	<1	0.63	<5	17	<10	176	1519	<2	35	<10	6	38
54936	197152	0.008	<1	6.80	4	538	<2	<1	1.79	<4	8	23	8	1.49	0.15	19	0.35	220	3	20	719	<1	0.53	<5	13	<10	235	1934	<2	43	<10	7	43
54937	197153	<0.005	<1	6.63	8	517	<2	<1	1.77	<4	8	23	11	1.49	0.09	20	0.37	210	4	19	631	<1	0.64	<5	10	<10	228	1745	<2	41	<10	7	49
54938	197154	<0.005	<1	6.30	<2	459	<2	<1	1.98	<4	6	23	9	1.37	0.08	17	0.37	235	3	18	607	3	0.50	<5	8	<10	236	1762	<2	39	<10	7	44
54939	197155	<0.005	<1	6.95	15	448	<2	<1	2.39	<4	9	30	12	2.06	0.10	19	0.49	342	3	24	685	<1	0.71	<5	13	<10	253	2007	<2	43	<10	8	65
54940	197156	<0.005	<1	6.29	8	434	<2	<1	2.07	<4	9	24	11	1.89	0.13	17	0.44	300	3	23	607	2	0.70	<5	5	<10	231	1881	<2	40	<10	7	55
54941	197157	0.015	<1	5.29	19	337	<2	<1	1.74	<4	13	35	16	2.16	0.22	17	0.38	259	4	30	527	1	1.34	<5	11	<10	201	1697	<2	40	<10	7	57
54942	197158	0.012	<1	6.03	4	377	<2	<1	2.13	<4	10	22	11	2.51	0.18	19	0.48	403	4	24	588	2	0.92	<5	13	<10	219	1942	<2	40	<10	8	63
54943D	197158	0.012	<1	5.79	5	357	<2	<1	2.00	<4	8	24	10	2.24	0.34	18	0.44	363	3	20	528	<1	0.82	<5	10	<10	210	1774	4	36	<10	7	58
54944	197159	0.007	<1	5.60	10	315	<2	<1	1.74	<4	10	23	11	1.89	0.43	17	0.39	264	3	23	651	1	0.86	<5	12	<10	178	1741	<2	35	<10	7	53
54945	197160	5.185	69	5.26	38	460	<2	<1	1.53	19	15	34	48	2.87	0.35	14	0.83	462	6	22	489	581	0.43	62	14	232	238	1729	<2	87	82	14	1841
54946	197161	0.007	1	6.70	11	442	<2	<1	1.92	<4	8	18	12	1.67	0.43	19	0.42	268	3	19	599	6	0.71	<5	9	<10	195	1854	<2	40	<10	7	64
54947	197162	0.010	<1	7.02	15	448	<2	<1	2.25	<4	9	25	18	1.72	0.43	18	0.47	312	4	23	659	2	0.91	<5	12	<10	192	1905	<2	43	<10	7	50
54948	197163	0.005	<1	7.42	13	503	<2	<1	1.85	<4	9	19	8	1.31	0.25	18	0.47	217	3	21	663	5	0.75	<5	13	<10	186	1903	<2	42	<10	7	35
54949	197164	0.007	<1	6.95	9	731	<2	<1	2.02	<4	14	60	27	1.46	0.35	20	0.62	286	4	35	553	9	0.55	<5	10	<10	171	2012	<2	47	<10	9	60
54950	197165	0.007	<1	6.44	2	593	<2	<1	1.20	<4	11	19	8	0.55	0.06	22	0.70	182	3	24	772	1	0.05	<5	16	<10	112	2054	<2	50	<10	6	19
54951	197166	0.006	<1	7.23	7	602	<2	<1	1.92	<4	17	19	15	1.06	0.18	25	1.21	294	3	31	860	2	0.20	<5	12	<10	146	2004	<2	50	<10	7	48
54952	197167	0.008	<1	6.84	12	509	<2	<1	1.79	<4	13	19	6	0.89	0.11	21	1.22	341	2	26	811	7	0.12	<5	10	<10	134	2091	<2	45	<10	7	41

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Monday, May 13, 2013


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54953	197168	0.007	<1	7.08	17	421	<2	<1	1.98	<4	11	14	8	0.94	0.44	20	1.14	336	3	21	709	4	0.17	<5	14	<10	149	1928	<2	40	<10	7	23
54954D	197168	0.007	<1	7.31	10	424	<2	<1	2.02	<4	12	16	8	1.02	0.56	21	1.21	359	3	21	746	1	0.20	<5	19	<10	150	1942	<2	41	<10	7	28
54955	197169	<0.005	<1	6.52	7	427	<2	<1	1.38	<4	16	14	9	0.93	0.45	19	0.94	259	3	26	724	2	0.17	<5	20	<10	126	1848	<2	38	<10	7	30
54956	197170	0.012	<1	3.58	6	285	<2	<1	1.99	<4	14	48	19	2.85	0.52	11	1.14	557	4	25	497	<1	0.06	<5	<5	<10	198	1954	<2	99	20	14	53
54957	197171	0.010	<1	6.50	<2	440	<2	<1	1.51	<4	8	15	17	1.57	0.06	21	1.04	332	3	15	688	2	0.42	<5	8	<10	131	2066	<2	40	<10	7	47
54958	197172	0.009	<1	6.48	<2	497	<2	<1	1.63	<4	7	18	9	1.47	0.11	22	1.11	374	3	16	731	4	0.22	<5	13	<10	129	2067	<2	42	<10	7	35
54959	197173	0.012	<1	6.90	10	298	<2	<1	3.83	<4	11	50	28	2.44	0.13	19	1.71	809	3	32	855	8	0.97	<5	11	<10	175	1885	4	44	<10	12	76
54960	197174	0.011	<1	4.69	2	501	<2	<1	0.98	<4	5	28	8	0.82	<0.01	12	0.57	238	4	21	361	11	0.23	<5	8	<10	99	1128	<2	22	<10	5	33
54961	197175	0.009	<1	5.66	7	522	<2	<1	1.12	<4	6	24	9	1.09	0.12	18	0.91	341	4	20	391	7	0.27	<5	14	<10	115	1486	2	29	<10	5	57
54962	197176	0.008	<1	4.45	<2	447	<2	<1	0.76	<4	6	21	7	0.89	0.28	15	0.73	264	3	16	352	8	0.22	<5	5	<10	90	1354	<2	26	<10	4	47
54963	197177	0.011	<1	4.42	6	506	<2	<1	0.57	<4	7	22	9	0.74	0.23	16	0.61	201	4	19	333	5	0.25	<5	8	<10	84	1290	<2	23	<10	4	41
54964	197178	0.017	<1	4.98	10	548	<2	<1	1.11	<4	6	16	9	0.83	0.14	6	0.77	226	<1	16	350	12	0.35	<5	<5	<10	144	1378	<2	26	<10	5	37
54965D	197178	0.033	<1	5.10	12	553	<2	2	0.87	<4	6	14	9	0.74	0.14	6	0.61	190	<1	18	329	8	0.34	<5	<5	<10	147	1372	<2	24	<10	5	24
54966	197179	0.007	<1	5.24	9	518	<2	<1	0.64	<4	6	18	4	0.71	0.28	18	0.56	198	3	16	356	<1	0.29	<5	15	<10	98	1313	<2	26	<10	5	54
54967	197180	0.348	<1	3.32	4	284	<2	<1	1.94	<4	13	47	20	2.86	0.45	11	1.14	567	3	26	495	1	0.06	<5	14	<10	184	2010	<2	99	23	14	50
54968	197181	<0.005	<1	5.13	4	512	<2	<1	0.65	<4	6	20	5	0.72	0.38	19	0.51	195	3	18	336	<1	0.33	<5	7	<10	102	1325	<2	25	<10	5	44
54969	197182	<0.005	<1	3.51	2	375	<2	<1	0.52	<4	6	26	5	0.77	0.23	12	0.43	222	3	17	291	4	0.29	<5	7	<10	76	1118	<2	24	<10	4	36
54970	197183	<0.005	<1	4.61	5	444	<2	<1	1.03	<4	6	34	7	0.85	0.17	15	0.51	244	2	20	272	8	0.31	<5	12	<10	113	1127	<2	26	<10	4	27
54971	197184	<0.005	<1	5.16	<2	505	<2	<1	0.85	<4	6	19	8	0.75	0.27	14	0.40	187	3	15	330	10	0.30	<5	11	<10	125	1176	<2	24	<10	4	35
54972	197185	<0.005	<1	5.38	10	515	<2	<1	1.33	<4	6	21	8	0.94	0.16	14	0.57	315	4	22	332	10	0.38	<5	<5	<10	122	1215	<2	23	<10	5	48

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 Job #: 201340712
 Reference: TL13-321
 Sample #: 185

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54973	197186	<0.005	<1	6.50	5	621	<2	<1	1.24	<4	6	23	9	0.83	0.44	16	0.45	285	4	21	331	2	0.34	<5	10	<10	133	1306	<2	27	<10	5	42
54974	197187	<0.005	<1	6.76	3	634	<2	<1	1.37	<4	6	25	8	1.05	0.40	22	0.74	411	4	25	357	2	0.33	<5	15	<10	133	1417	<2	27	<10	6	39
54975	197188	<0.005	<1	5.79	9	575	<2	<1	1.14	<4	6	25	7	0.85	0.18	18	0.54	282	4	24	303	10	0.29	<5	8	<10	117	1278	<2	26	<10	5	43
54976D	197188	<0.005	<1	5.10	5	520	<2	<1	0.99	<4	5	22	6	0.80	0.29	16	0.50	265	4	23	288	9	0.25	<5	12	<10	105	1196	<2	24	<10	5	42
54977	197189	<0.005	<1	6.69	6	597	<2	<1	1.34	<4	6	20	9	0.89	0.31	17	0.45	239	4	21	331	11	0.37	<5	13	<10	137	1316	<2	26	<10	5	40
54978	197190	<0.005	<1	5.29	11	387	<2	<1	2.25	<4	14	48	20	2.90	0.27	14	1.18	591	4	26	502	<1	0.06	<5	8	<10	259	2380	<2	102	34	15	51
54979	197191	<0.005	<1	5.52	10	509	<2	<1	1.32	<4	6	23	8	0.98	0.39	15	0.49	300	3	22	376	5	0.40	<5	10	<10	115	1161	<2	28	<10	6	49
54980	197192	0.008	<1	4.90	15	439	<2	<1	1.03	<4	5	20	11	0.90	0.36	13	0.39	260	4	22	319	6	0.58	<5	14	<10	100	1066	<2	24	<10	5	42
54981	197193	<0.005	<1	8.00	14	824	<2	<1	1.30	<4	7	26	7	1.15	0.36	24	0.69	344	4	26	375	26	0.59	<5	18	<10	144	1640	<2	32	18	6	299
54982	197194	<0.005	<1	7.69	13	656	<2	<1	1.66	<4	7	23	13	1.03	0.17	17	0.51	273	4	23	373	27	0.61	<5	16	<10	155	1344	<2	27	<10	5	161
54983	197195	0.013	<1	8.42	10	576	<2	<1	1.80	<4	7	25	48	1.66	0.67	22	0.62	263	6	30	343	9	1.02	5	12	<10	162	1358	<2	29	14	7	280
54984	197196	0.012	<1	7.55	10	554	<2	<1	1.60	<4	7	24	44	1.59	0.24	19	0.57	253	5	27	316	9	1.04	<5	9	<10	152	1316	<2	28	<10	6	215
54985	197197	0.065	2	7.17	19	501	<2	<1	0.90	<4	8	19	10	1.61	0.34	18	0.51	190	4	21	316	602	1.55	<5	13	<10	144	1497	<2	28	19	6	809
54986	197198	0.123	3	7.11	4	447	<2	<1	0.86	6	8	31	259	1.71	0.12	16	0.52	231	4	31	554	382	1.12	<5	10	<10	94	1972	<2	43	40	7	1900
54987D	197198	0.255	3	6.71	8	460	<2	<1	0.83	7	8	34	273	1.84	0.54	13	0.51	244	5	34	608	420	1.21	<5	12	<10	90	2050	<2	45	43	7	2065
54988	197199	0.039	<1	8.18	9	496	2	<1	3.17	<4	11	29	51	2.19	0.37	22	1.22	880	4	31	676	48	0.71	<5	11	<10	165	2134	6	45	10	8	288
54989	197200	1.816	1	6.40	10	478	2	<1	2.78	<4	19	61	35	4.00	0.31	19	1.53	772	4	36	668	1	0.09	<5	<5	<10	299	2757	7	135	34	18	77
54990	197201	0.098	<1	7.44	13	427	<2	<1	2.55	<4	13	29	43	2.08	0.45	19	1.01	683	4	30	606	11	0.91	<5	17	<10	148	2213	3	41	<10	7	333
54991	197202	0.125	<1	7.19	15	423	<2	<1	2.49	<4	13	24	39	2.14	0.47	20	1.02	674	4	28	586	18	0.98	<5	16	<10	146	2171	<2	42	11	8	119
54992	197203	0.383	<1	6.87	16	435	<2	<1	2.46	<4	9	27	17	2.17	0.39	22	1.11	870	3	25	584	37	0.95	<5	17	<10	142	2004	<2	42	10	7	283

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54993	197204	0.064	<1	6.68	16	522	<2	<1	1.58	<4	8	32	14	1.66	0.46	26	0.95	623	4	25	427	86	0.63	<5	15	<10	133	1696	<2	34	<10	6	271
54994	197205	0.015	<1	6.17	6	477	<2	<1	1.23	<4	7	28	9	1.63	0.28	23	1.21	628	3	23	396	25	0.24	<5	7	<10	127	1562	<2	31	<10	6	93
54995	197206	0.032	<1	5.47	9	495	<2	<1	1.16	<4	7	23	3	1.46	0.38	21	1.08	613	2	19	394	25	0.34	<5	14	<10	115	1465	<2	28	<10	5	85
54996	197207	0.022	<1	5.88	9	583	<2	<1	0.99	<4	5	13	3	1.05	0.28	19	0.63	477	3	12	329	40	0.38	<5	<5	<10	108	1395	<2	25	<10	5	75
54997	197208	0.150	<1	6.28	29	704	<2	<1	0.82	<4	7	17	7	1.29	0.17	16	0.49	388	7	15	317	114	0.98	<5	<5	<10	101	1304	<2	24	<10	5	251
54998R	197208	0.215	<1	5.53	34	706	<2	<1	0.59	<4	7	18	18	1.46	0.45	15	0.50	415	10	19	355	127	1.13	6	17	<10	77	1340	<2	24	<10	5	347
54999	197209	0.187	<1	3.99	21	601	<2	<1	0.98	<4	6	19	21	1.09	0.28	11	0.41	441	5	18	304	189	0.67	<5	<5	<10	77	1134	<2	21	<10	2	361
55000	197210	<0.005	<1	5.15	7	534	<2	<1	2.73	<4	15	53	23	3.06	0.13	14	1.14	609	4	28	559	4	0.08	<5	<5	<10	279	2332	<2	109	28	13	62
55001	197211	0.542	<1	5.93	29	808	<2	<1	1.63	<4	6	21	21	1.39	0.33	16	0.46	606	3	19	360	71	0.75	5	13	<10	107	1367	<2	30	<10	2	120
55002	197212	0.157	<1	5.86	13	758	<2	<1	1.51	<4	6	22	14	1.31	0.33	18	0.49	564	4	17	379	36	0.51	<5	17	<10	107	1393	<2	28	<10	2	76
55003	197213	0.294	<1	5.63	19	709	<2	<1	1.78	<4	7	25	15	1.32	0.53	18	0.56	637	3	19	355	66	0.43	<5	<5	<10	115	1368	<2	29	<10	2	114
55004	197214	0.225	1	6.58	22	861	<2	<1	1.83	<4	7	27	15	1.44	0.39	21	0.60	674	4	21	373	81	0.72	<5	11	<10	134	1446	<2	31	<10	3	107
55005	197215	0.140	<1	6.38	32	698	<2	<1	2.97	<4	11	44	33	2.05	0.37	24	1.13	1193	6	39	604	56	0.65	<5	18	<10	136	2122	<2	48	<10	4	134
55006	197216	0.186	<1	5.03	33	572	<2	<1	2.37	<4	10	29	27	1.74	0.45	19	0.89	1030	5	32	532	54	0.64	<5	7	<10	112	1820	<2	39	<10	4	116
55007	197217	0.219	1	6.82	48	683	<2	<1	3.10	<4	11	39	84	2.30	0.52	22	1.11	1220	5	45	716	121	0.95	5	<5	<10	156	2410	<2	53	<10	5	358
55008	197218	0.275	<1	6.01	38	623	<2	<1	2.47	<4	9	43	28	1.76	0.57	17	0.81	979	6	49	569	71	0.76	<5	11	<10	133	1780	<2	41	<10	4	129
55009D	197218	0.170	<1	5.56	30	581	<2	<1	2.31	<4	9	43	26	1.68	0.37	16	0.78	928	7	46	552	71	0.71	<5	<5	<10	125	1730	2	39	<10	4	125
55010	197219	0.124	<1	3.34	30	438	<2	<1	1.07	<4	8	48	11	1.50	0.61	13	0.63	702	8	58	367	37	0.77	<5	11	<10	65	1381	<2	30	<10	3	79
55011	197220	5.521	72	4.34	42	591	<2	<1	1.86	21	15	37	54	3.03	0.21	12	0.76	492	6	25	521	622	0.46	53	5	231	240	1723	<2	92	83	11	2027
55012	197221	0.059	<1	4.17	15	419	<2	<1	1.74	<4	5	39	5	1.46	0.36	14	0.88	849	6	45	359	22	0.58	<5	10	<10	87	1193	<2	29	<10	2	137

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55013	197222	0.582	<1	5.24	25	546	<2	<1	1.62	<4	6	31	15	1.19	0.19	17	0.82	752	5	32	366	34	0.38	<5	7	<10	92	1369	5	30	<10	2	127
55014	197223	0.777	<1	5.74	20	651	<2	<1	1.80	<4	7	42	9	1.45	0.42	18	0.96	972	6	49	390	118	0.71	<5	9	<10	100	1418	3	30	<10	3	131
55015	197224	0.255	<1	4.77	24	634	<2	<1	1.02	<4	7	27	8	1.38	0.30	15	0.53	472	5	35	338	249	1.17	<5	18	<10	74	1258	<2	26	<10	2	361
55016	197225	0.078	<1	6.16	22	715	<2	<1	1.51	<4	7	49	14	1.28	0.57	18	0.60	512	8	62	372	104	0.83	<5	12	<10	98	1391	<2	31	<10	3	160
55017	197226	0.068	<1	4.06	22	563	<2	<1	1.05	<4	7	36	10	1.27	0.76	17	0.72	662	6	43	380	37	0.74	<5	14	<10	64	1339	<2	28	<10	3	89
55018	197227	0.086	<1	6.13	31	716	<2	<1	1.72	<4	7	32	5	1.19	0.51	18	0.61	673	8	39	378	68	0.86	<5	13	<10	109	1349	<2	28	<10	2	88
55019	197228	0.130	<1	3.42	33	455	<2	<1	1.08	<4	6	37	6	1.05	0.60	12	0.39	400	7	47	336	53	0.79	<5	<5	<10	67	1082	<2	24	<10	2	89
55020D	197228	0.170	<1	4.56	39	545	<2	<1	1.38	<4	6	38	7	1.15	0.59	14	0.43	433	7	46	367	56	0.90	<5	9	<10	85	1197	<2	26	<10	3	96
55021	197229	0.145	<1	4.64	23	561	<2	<1	1.29	<4	6	31	5	1.25	0.52	14	0.48	466	5	37	377	32	0.97	<5	11	<10	88	1249	<2	26	<10	3	45
55022	197230	0.014	<1	4.88	9	506	<2	<1	2.78	<4	16	57	23	3.28	0.28	14	1.20	640	4	30	586	4	0.08	<5	<5	<10	264	2337	<2	116	22	14	56
55023	197231	0.061	<1	5.19	23	591	<2	<1	1.25	<4	6	29	7	1.29	0.15	17	0.49	453	6	35	310	52	1.07	<5	<5	<10	94	1272	<2	25	<10	2	105
55024	197232	0.197	1	5.72	27	640	<2	<1	1.22	4	6	26	9	1.30	0.12	17	0.42	449	5	31	315	279	1.30	<5	7	<10	97	1227	<2	25	32	2	1721
55025	197233	0.065	<1	4.56	27	599	<2	<1	1.30	<4	6	30	16	1.28	<0.01	16	0.82	814	5	37	351	160	0.95	<5	6	<10	79	1264	<2	26	<10	3	92
55026	197234	0.159	1	5.73	29	845	<2	<1	0.84	<4	7	29	10	1.52	0.27	16	0.49	365	6	36	391	188	1.56	<5	15	<10	74	1385	<2	29	10	3	304
55027	197235	0.017	<1	5.93	17	750	<2	<1	1.09	<4	6	26	1	1.35	0.40	16	0.53	372	5	35	360	50	1.26	<5	12	<10	98	1422	<2	27	<10	3	118
55028	197236	0.019	<1	5.90	22	794	<2	<1	1.10	<4	6	28	1	1.68	0.74	18	0.57	406	6	37	375	78	1.70	<5	13	<10	92	1433	<2	28	<10	3	134
55029	197237	0.008	<1	4.38	8	590	<2	<1	0.58	<4	5	22	<1	0.77	0.48	12	0.39	250	4	24	353	34	0.57	<5	6	<10	66	1213	<2	25	<10	3	62
55030	197238	0.154	2	5.56	35	616	<2	<1	2.24	<4	16	101	35	2.77	0.31	18	1.10	848	5	58	448	735	1.52	<5	6	<10	134	1783	7	60	<10	9	164
55031D	197238	0.148	2	4.08	36	511	<2	<1	1.80	<4	16	98	35	2.73	0.54	14	1.07	823	5	56	428	734	1.49	<5	9	<10	105	1650	<2	57	<10	9	165
55032	197239	0.047	<1	4.97	16	466	<2	<1	1.55	<4	22	142	58	3.53	0.45	25	1.41	698	6	85	470	41	0.84	<5	8	<10	100	1908	7	79	<10	9	109

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55033	197240	0.397	2	5.37	46	401	<2	<1	1.52	4	13	33	2094	4.57	0.55	26	0.67	963	17	22	618	63	3.38	5	5	<10	175	804	<2	54	17	5	563
55034	197241	0.023	<1	4.41	13	383	<2	<1	0.55	<4	7	37	16	2.28	0.35	21	1.37	714	7	45	415	12	0.45	<5	5	<10	64	1425	6	31	<10	5	79
55035	197242	0.410	<1	4.27	19	421	<2	<1	0.59	<4	7	34	19	1.86	0.63	14	0.90	1058	6	46	324	23	0.69	<5	10	<10	77	1008	<2	24	<10	6	49
55036	197243	0.022	<1	2.96	36	472	<2	<1	0.34	<4	6	31	2	2.09	0.44	12	0.98	609	5	38	398	22	1.66	<5	5	<10	43	1026	<2	26	<10	4	57
55037	197244	0.034	<1	6.84	106	755	2	<1	1.55	<4	15	79	26	3.04	0.75	18	1.22	733	10	79	677	170	2.84	<5	11	<10	106	1521	<2	56	11	10	552
55038	197245	0.092	<1	5.64	137	775	2	<1	0.39	<4	20	114	51	3.29	0.81	15	0.64	332	8	96	584	260	3.49	<5	5	<10	56	1357	<2	69	13	9	490
55039	197246	0.080	<1	5.51	70	1261	<2	<1	0.60	<4	8	47	10	1.69	0.31	12	0.55	270	7	64	656	106	1.64	<5	14	<10	62	1277	<2	40	<10	6	100
55040	197247	0.119	<1	5.80	97	1172	<2	<1	0.80	<4	10	41	17	1.96	0.97	16	0.75	413	6	58	678	105	1.80	<5	<5	<10	64	1422	<2	43	<10	6	128
55041	197248	0.213	<1	6.22	64	872	<2	<1	1.45	<4	10	37	31	1.97	0.80	17	0.98	637	5	41	600	70	1.53	5	13	<10	73	1335	2	44	<10	7	85
55042D	197248	0.228	<1	5.60	64	787	<2	<1	1.37	<4	9	34	30	1.88	0.37	16	0.93	598	5	38	572	67	1.49	<5	9	<10	69	1242	3	39	<10	6	78
55043	197249	0.911	3	5.65	127	787	<2	<1	1.08	<4	9	42	33	1.94	0.92	16	0.89	475	5	51	623	574	1.85	5	6	<10	64	1241	<2	36	11	6	482
55044	197250	<0.005	<1	3.68	9	310	<2	<1	2.16	<4	15	52	22	3.15	0.33	12	1.24	615	3	27	554	<1	0.08	<5	<5	<10	201	2128	5	109	27	15	59
55045	197251	0.302	2	6.21	78	726	2	<1	1.14	<4	14	39	32	2.19	0.18	18	1.10	543	5	59	624	344	1.90	6	17	<10	73	1226	<2	41	<10	7	389
55046	197252	0.141	<1	5.91	55	638	<2	<1	1.27	<4	16	76	12	2.75	0.43	21	2.00	970	7	59	538	143	1.68	<5	7	<10	75	1497	6	50	<10	8	342
55047	197253	0.288	6	6.10	49	766	<2	<1	1.00	10	13	42	15	2.33	0.28	18	1.20	520	11	59	647	1462	2.08	<5	13	<10	91	1182	6	42	61	6	3190
55048	197254	0.091	<1	6.19	43	755	<2	<1	0.61	<4	12	42	12	1.95	0.17	16	0.75	287	6	61	670	167	1.67	<5	6	<10	85	1090	<2	45	<10	5	400
55049	197255	0.482	4	6.61	62	806	<2	<1	0.47	5	18	45	125	2.39	0.29	18	0.93	338	6	75	785	1016	2.07	<5	8	<10	81	1253	<2	54	12	6	601
55050	197256	0.360	2	5.76	56	720	<2	<1	0.38	5	17	46	101	2.18	0.46	16	0.85	320	6	73	675	716	1.86	<5	7	<10	72	1142	<2	48	14	6	601
55051	197257	0.136	<1	6.28	51	750	<2	<1	0.48	<4	17	90	19	2.90	0.38	21	1.02	501	7	72	628	109	2.15	<5	<5	<10	77	1414	<2	74	<10	9	82
55052	197258	0.102	<1	5.71	24	497	<2	<1	0.65	<4	23	139	62	3.69	0.67	28	1.77	1080	6	87	489	52	1.07	<5	6	<10	73	1675	6	90	<10	11	111

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Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/28/2013
 Date Completed: 04/22/2013
 Job #: 201340712
 Reference: TL13-321
 Sample #: 185

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
55053D	197258	0.128	<1	5.52	25	463	<2	<1	0.60	<4	23	137	60	3.66	0.76	28	1.77	986	5	86	481	49	1.10	<5	<5	<10	68	1587	2	87	<10	11	109
55054	197259	0.173	<1	5.26	23	292	<2	<1	1.06	<4	17	111	49	3.07	0.39	26	1.61	1124	5	64	397	75	1.31	<5	6	<10	84	1095	<2	64	<10	11	307
55055	197260	1.885	<1	6.16	14	427	<2	<1	2.37	<4	17	50	28	3.27	0.42	17	1.29	647	4	29	534	1	0.08	<5	8	<10	270	2568	<2	113	33	16	65
55056	197261	0.108	<1	5.76	17	454	<2	<1	1.26	<4	8	30	10	1.63	0.57	23	1.04	680	5	34	447	221	0.92	<5	5	<10	93	1331	<2	34	25	6	1147
55057	197262	0.028	<1	5.24	12	409	<2	<1	1.43	<4	6	28	7	1.59	0.49	26	1.10	754	4	30	465	57	0.62	<5	10	<10	91	1437	3	30	<10	5	92
55058	197263	0.039	<1	5.46	9	414	<2	<1	1.25	<4	8	23	10	1.68	0.29	28	0.96	697	3	25	522	25	0.52	<5	7	<10	91	1803	<2	36	<10	6	132
55059	197264	0.023	<1	6.13	12	465	<2	<1	1.62	<4	7	29	13	1.68	0.33	25	1.03	704	5	34	483	17	0.44	<5	8	<10	108	1792	<2	34	<10	6	265
55060	197265	0.021	<1	4.54	9	374	<2	<1	1.22	<4	6	23	8	1.60	0.37	19	1.09	837	4	26	427	10	0.39	<5	9	<10	75	1527	<2	30	<10	5	110
55061	197266	0.303	21	5.09	6	288	<2	<1	4.84	63	6	18	559	3.08	0.30	16	2.73	2610	3	18	366	16220	2.96	11	22	<10	132	1223	14	26	450	8	23231
55062	197267	<0.005	<1	4.92	6	409	<2	<1	1.74	<4	5	22	24	1.31	0.31	17	1.13	904	5	24	347	278	0.34	<5	11	<10	95	1323	<2	26	13	5	411
55063	197268	<0.005	<1	5.97	9	552	<2	<1	2.55	<4	8	34	9	1.84	0.28	20	1.21	953	7	33	475	35	0.53	<5	12	<10	119	1630	12	33	<10	3	172
55064R	197268	<0.005	<1	6.08	7	571	<2	<1	2.60	<4	8	36	6	1.86	0.31	20	1.21	958	7	42	469	22	0.53	<5	17	<10	122	1636	<2	34	<10	3	97
55065	197269	0.012	<1	5.57	9	486	<2	<1	2.08	<4	6	26	5	1.42	0.25	18	1.02	767	5	31	434	26	0.41	<5	13	<10	100	1402	<2	29	<10	2	98
55066	197270	<0.005	2	5.54	47	405	<2	<1	1.54	4	14	33	2105	4.80	0.33	27	0.71	1008	20	21	627	72	3.74	5	17	<10	182	835	<2	57	17	6	596
55067	197271	0.057	<1	6.62	40	592	<2	<1	2.54	<4	8	29	10	2.10	0.38	21	1.24	1086	5	31	483	148	1.59	<5	13	<10	109	1567	<2	33	<10	3	400
55068	197272	0.141	1	6.25	17	492	<2	<1	3.19	<4	6	35	12	1.75	0.11	17	1.46	1179	7	35	461	352	0.90	<5	9	<10	137	1440	15	31	<10	3	177
55069	197273	0.040	4	5.50	27	557	<2	<1	4.21	22	5	35	21	2.65	0.38	12	1.83	1707	7	42	389	4379	2.53	<5	<5	<10	140	1154	13	28	129	4	8031
55070	197274	0.512	2	6.86	26	555	<2	<1	3.36	7	7	33	76	2.11	0.43	17	1.39	1113	6	36	424	652	1.66	<5	6	<10	138	1377	21	32	41	3	2170
55071	197275	0.211	<1	5.87	19	521	<2	<1	2.62	<4	7	32	20	1.93	0.36	24	1.33	1140	6	35	467	153	1.31	<5	6	<10	106	1480	15	31	16	3	680
55072	197276	0.214	<1	5.55	19	542	<2	<1	2.41	<4	6	30	17	1.67	0.47	21	1.14	960	6	36	418	125	1.11	<5	14	<10	107	1366	<2	29	24	2	1115

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 Date Completed: 04/22/2013
 Job #: 201340712
 Reference: TL13-321
 Sample #: 185

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55073	197277	0.179	<1	5.25	27	606	<2	<1	1.85	<4	8	34	10	1.73	0.47	17	1.03	852	7	44	476	55	0.85	<5	<5	<10	96	1481	<2	34	<10	3	214
55074	197278	0.069	<1	4.69	20	558	<2	<1	1.72	<4	7	43	19	1.62	0.45	15	0.85	758	11	71	430	456	0.72	<5	9	<10	95	1307	2	30	<10	3	527
55075D	197278	0.064	<1	4.23	16	511	<2	<1	1.57	<4	6	36	18	1.47	0.15	15	0.80	705	8	54	395	414	0.68	<5	<5	<10	87	1278	<2	28	<10	2	481
55076	197279	0.051	<1	4.98	15	572	<2	<1	1.76	<4	7	47	22	1.69	0.28	19	0.93	775	10	75	447	140	0.53	<5	8	<10	91	1480	<2	32	<10	3	240
55077	197280	5.105	72	4.38	42	583	<2	<1	1.87	21	15	36	52	3.11	<0.01	11	0.75	485	6	24	525	617	0.44	52	<5	232	237	1674	<2	92	83	11	1988
55078	197281	0.126	1	5.28	11	532	<2	<1	1.93	<4	7	60	80	1.67	0.28	18	0.97	808	12	94	462	700	0.47	<5	11	<10	93	1495	<2	33	21	3	1058
55079	197282	0.118	<1	6.44	19	643	<2	<1	2.05	<4	8	37	36	1.46	0.23	20	0.90	709	8	54	462	423	0.82	<5	10	<10	102	1622	<2	32	<10	2	468
55080	197283	0.072	<1	5.07	21	477	<2	<1	1.86	<4	7	32	9	1.47	0.17	15	0.91	610	7	47	433	50	0.59	<5	7	<10	84	1411	<2	29	<10	3	138
55081	197284	0.040	<1	6.29	18	603	<2	<1	2.26	<4	8	47	8	1.70	0.52	19	1.04	749	9	69	482	23	0.52	<5	8	<10	108	1586	6	34	<10	3	90
55082	197285	0.016	<1	5.44	4	477	<2	<1	2.31	<4	7	31	12	1.41	0.15	17	1.09	833	7	47	447	24	0.40	<5	13	<10	101	1314	8	29	<10	3	86
55083	197286	0.107	5	7.10	6	677	<2	<1	2.90	6	9	51	51	2.19	0.49	19	1.28	1155	12	79	527	1131	0.88	<5	9	<10	136	1606	<2	35	36	3	1721
55084	197287	0.011	<1	6.16	14	599	<2	<1	2.27	<4	8	48	49	1.74	0.49	21	1.05	871	10	72	509	151	0.54	<5	18	<10	115	1627	<2	33	20	3	539
55085	197288	0.017	1	5.86	5	605	<2	<1	1.70	<4	8	45	34	1.75	0.57	21	0.81	592	10	70	487	146	0.66	<5	11	<10	97	1630	<2	34	15	3	282
55086D	197288	0.014	1	6.30	8	643	<2	<1	1.77	<4	9	47	35	1.83	0.54	22	0.83	613	10	71	508	152	0.70	<5	15	<10	102	1735	2	36	12	3	288
55087	197289	<0.005	<1	4.79	8	493	<2	<1	1.64	<4	6	38	17	1.58	0.16	17	0.77	593	9	58	459	28	0.47	<5	8	<10	88	1502	<2	32	<10	3	82
55088	197290	<0.005	<1	3.93	8	443	<2	<1	2.56	<4	16	56	23	3.29	<0.01	11	1.22	647	4	30	579	1	0.08	<5	<5	<10	228	2260	5	114	21	14	59
55089	197291	0.033	<1	5.27	21	475	<2	<1	1.79	<4	8	39	22	1.69	0.23	18	0.90	698	8	58	459	160	1.10	<5	5	<10	91	1524	<2	32	<10	3	176
55090	197292	0.066	3	5.75	18	441	<2	<1	4.59	<4	7	48	65	2.76	0.31	14	2.23	1602	9	73	449	1094	1.59	<5	<5	<10	139	1291	17	30	13	3	442
55091	197293	0.049	<1	4.97	23	396	<2	<1	2.38	<4	5	39	8	1.50	0.29	14	1.13	622	8	57	278	59	0.93	<5	8	<10	82	1116	3	22	<10	2	304
55092	197294	0.024	<1	5.80	15	501	<2	<1	2.27	<4	6	49	7	1.40	0.41	16	1.17	597	10	73	302	42	0.52	<5	12	<10	90	1270	3	25	<10	2	65

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55093	197295	0.074	<1	5.13	17	459	<2	<1	1.89	<4	6	37	16	1.23	0.40	16	1.05	642	7	56	294	106	0.59	<5	14	<10	81	1228	<2	22	<10	2	84
55094	197296	0.077	<1	5.31	14	501	<2	<1	1.96	<4	5	46	15	1.27	0.94	16	1.05	637	9	67	299	89	0.56	<5	9	<10	83	1272	<2	23	<10	2	94
55095	197297	0.047	<1	4.98	23	520	<2	<1	1.48	<4	6	42	11	1.29	1.00	15	0.86	487	8	66	299	64	0.83	<5	13	<10	68	1298	<2	24	<10	2	137
55096	197298	0.184	1	5.41	36	551	<2	<1	1.67	<4	6	38	5	1.54	0.24	17	0.90	534	7	56	306	198	1.26	<5	13	<10	74	1276	<2	23	14	2	685
55097D	197298	0.124	<1	5.62	35	543	<2	<1	1.73	<4	7	39	5	1.65	0.40	18	0.97	572	7	57	331	211	1.33	<5	7	<10	75	1332	3	24	16	2	719
55098	197299	0.048	<1	5.04	23	517	<2	<1	1.50	<4	5	40	5	1.23	0.28	16	0.79	482	8	58	276	96	0.80	<5	16	<10	74	1189	<2	21	<10	<2	109
55099	197300	0.392	2	5.05	47	372	<2	<1	1.41	4	13	33	2211	4.80	0.50	27	0.71	1028	18	23	667	73	3.77	<5	6	<10	166	856	<2	56	15	6	594
55100	197301	0.020	<1	6.30	18	604	<2	<1	1.50	<4	7	64	18	1.52	0.70	23	0.79	480	13	95	355	24	0.71	<5	9	<10	79	1507	<2	28	<10	2	54
55101	197302	0.015	<1	6.21	8	511	<2	<1	2.38	<4	7	54	17	1.58	0.54	22	1.30	760	10	84	326	37	0.57	<5	21	<10	97	1335	4	26	<10	2	71
55102	197303	0.026	1	5.50	21	601	<2	<1	2.51	<4	5	59	90	1.61	0.66	17	1.21	764	15	89	277	197	0.53	<5	10	<10	122	1163	5	22	<10	2	244
55103	197304	0.034	1	6.73	6	647	2	<1	2.57	6	7	64	118	2.33	0.54	24	1.32	927	14	104	464	181	1.14	<5	15	<10	126	1493	2	27	38	2	1778
55104	197305	0.017	<1	6.19	10	480	<2	<1	2.51	<4	6	47	36	1.49	0.48	20	1.23	868	9	68	319	53	0.51	<5	13	<10	126	1282	3	25	<10	2	180
55105	197306	0.039	<1	7.29	10	584	<2	<1	2.69	<4	7	41	47	1.64	0.52	24	1.34	973	7	60	393	28	0.54	5	13	<10	163	1571	<2	28	<10	3	182
55106	197307	0.069	<1	6.00	7	548	<2	<1	2.13	<4	6	38	15	1.32	0.32	22	1.09	779	7	54	326	41	0.59	<5	12	<10	126	1421	<2	24	<10	2	83
55107	197308	0.850	29	5.91	18	748	<2	<1	2.64	13	6	45	3608	2.21	0.72	23	1.28	847	15	57	271	2395	2.01	5	12	<10	187	1185	2	23	81	2	4618
55108D	197308	0.649	32	6.26	20	764	<2	<1	2.82	15	7	52	3908	2.44	0.43	25	1.39	919	16	65	283	2667	2.26	6	12	<10	198	1219	15	24	95	2	5255
55109	197309	0.021	<1	6.82	12	651	<2	<1	2.92	<4	6	47	24	1.43	0.43	24	1.34	865	7	53	303	36	0.72	<5	19	<10	144	1217	6	23	<10	2	69
55110	197310	0.006	<1	4.91	8	514	<2	<1	2.96	<4	17	62	26	3.60	0.34	16	1.34	706	4	32	640	2	0.09	<5	11	<10	264	2474	3	125	31	15	63
55111	197311	0.028	<1	5.79	13	405	<2	<1	3.43	<4	7	30	35	1.69	0.48	19	1.73	1134	4	28	318	56	0.77	<5	11	<10	134	1293	4	27	<10	2	75
55112	197312	0.029	1	5.19	6	356	<2	<1	4.68	<4	6	20	65	1.78	0.37	15	2.20	1509	4	22	285	176	0.66	<5	<5	<10	139	1104	21	21	<10	2	390

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
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Monday, May 13, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/28/2013
 Date Completed: 04/22/2013
 Job #: 201340712
 Reference: TL13-321
 Sample #: 185

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
55113	197313	0.093	1	6.80	15	554	<2	<1	3.79	<4	6	33	28	1.70	0.44	22	1.82	1000	7	40	329	263	0.59	<5	5	<10	113	1410	11	26	<10	2	304
55114	197314	0.247	2	6.96	27	576	<2	<1	2.50	<4	7	45	19	1.57	0.14	26	1.28	555	8	61	346	99	0.66	<5	9	<10	89	1508	7	27	<10	2	263
55115	197315	0.100	<1	6.77	23	561	<2	<1	2.59	<4	7	34	5	1.40	0.20	25	1.25	597	6	41	324	41	0.57	<5	17	<10	86	1524	3	26	<10	2	123
55116	197316	0.059	<1	6.65	17	536	<2	<1	2.53	<4	7	30	5	1.37	0.21	26	1.25	587	5	34	327	39	0.57	<5	6	<10	85	1435	2	25	<10	2	156
55117	197317	0.045	<1	6.90	26	540	<2	<1	2.38	<4	7	33	14	1.35	0.32	27	1.21	603	6	43	341	43	0.50	<5	18	<10	80	1534	<2	27	10	2	121
55118	197318	0.068	<1	5.95	24	623	<2	<1	2.17	<4	6	23	21	1.20	0.67	21	1.05	512	4	25	291	67	0.63	<5	18	<10	83	1231	<2	21	<10	2	151
55119D	197318	0.092	<1	7.97	24	810	<2	<1	2.72	<4	7	26	24	1.41	0.54	28	1.22	597	4	31	350	76	0.73	5	13	<10	106	1456	<2	25	<10	2	166
55120	197319	0.321	3	6.11	25	614	<2	<1	1.58	<4	6	29	54	1.27	0.47	24	0.76	323	5	32	305	145	0.94	<5	13	<10	73	1323	<2	24	12	2	405
55121	197320	1.803	<1	3.83	8	433	<2	<1	2.43	<4	16	53	30	3.35	0.16	14	1.21	632	4	32	572	13	0.09	7	<5	<10	193	2131	<2	110	21	12	67
55122	197321	0.031	<1	3.93	21	429	<2	<1	1.58	<4	5	22	36	1.11	0.42	21	0.98	392	4	29	277	183	0.64	<5	7	<10	65	1122	5	19	<10	2	285
55123	197322	0.196	12	3.46	15	343	<2	<1	1.89	9	5	30	203	1.15	0.30	10	0.65	264	5	35	247	1723	1.02	<5	8	<10	59	984	<2	16	61	2	3178
55124	197323	0.126	1	6.85	14	736	<2	<1	2.49	<4	7	25	69	1.34	0.60	26	1.21	465	4	28	320	168	0.64	<5	12	<10	98	1440	<2	25	<10	2	354
55125	197324	0.041	3	7.27	15	675	<2	<1	2.48	<4	6	20	18	1.23	0.26	26	1.16	503	4	19	338	380	0.59	<5	19	<10	97	1495	<2	25	<10	2	196
55126	197325	0.095	4	4.48	19	443	<2	<1	1.16	<4	5	18	42	1.18	0.10	15	0.66	270	3	22	289	570	1.05	6	12	<10	55	1156	<2	20	22	2	969
55127	197326	0.076	<1	4.86	24	469	<2	<1	1.27	<4	6	21	22	1.11	0.09	18	0.83	335	3	21	338	66	0.72	<5	10	<10	54	1228	<2	21	<10	2	195
55128	197327	0.061	<1	5.98	19	531	<2	<1	1.79	<4	6	18	21	1.32	0.39	20	1.28	435	4	18	326	40	0.59	<5	6	<10	75	1198	<2	21	<10	2	194
55129	197328	0.031	<1	5.11	16	513	<2	<1	1.46	<4	7	20	27	1.24	0.20	16	1.19	340	2	20	311	75	0.43	<5	8	<10	68	1160	<2	20	10	2	342
55130R	197328	0.031	<1	5.93	13	581	<2	<1	1.62	<4	8	20	27	1.20	0.47	19	1.13	323	2	18	306	77	0.42	<5	12	<10	77	1205	<2	21	<10	2	339
55131	197329	<0.005	<1	5.18	4	505	<2	<1	1.87	<4	5	18	11	1.23	0.10	15	1.20	288	3	17	297	42	0.27	<5	9	<10	85	1017	2	21	<10	2	90
55132	197330	<0.005	<1	3.17	10	378	<2	<1	2.34	<4	15	54	22	3.17	0.04	12	1.17	615	4	30	560	7	0.08	<5	<5	<10	190	2104	<2	110	16	13	60

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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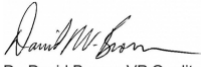
Final Certificate

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 Date Received: 03/28/2013
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 Job #: 201340712
 Reference: TL13-321
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55133	197331	0.015	<1	5.71	11	556	<2	<1	1.76	<4	6	22	20	1.36	0.37	17	1.02	264	3	20	354	61	0.54	<5	6	<10	80	1042	<2	22	<10	2	120
55134	197332	0.726	<1	5.92	8	514	<2	<1	1.46	<4	6	15	21	1.22	0.36	16	1.08	269	5	16	316	34	0.32	<5	19	<10	77	1044	4	22	<10	2	71
55135	197333	0.060	<1	5.43	27	463	<2	<1	1.83	<4	8	36	5	1.26	0.33	15	1.06	287	4	29	315	12	0.11	<5	11	<10	84	1036	<2	27	<10	3	50

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 Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340552
 Reference: TL13-324
 Sample #: 119

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
42986	1259103	0.054	2	1.88	7	383	3	3	1.00	<4	9	24	11	1.66	<0.01	18	0.49	601	<1	30	437	31	1.47	<5	<5	<10	115	2174	<2	37	<10	3	54
42987	1259104	0.023	2	1.12	13	326	3	<1	0.33	<4	11	26	11	1.61	<0.01	18	0.31	339	<1	36	439	19	1.72	<5	<5	<10	107	2249	<2	36	<10	2	53
42988	1259105	0.015	<1	<0.01	8	88	<2	7	0.45	<4	9	28	9	1.70	<0.01	<1	0.52	326	<1	67	458	12	1.04	<5	<5	<10	77	1085	<2	21	11	5	318
42989	1259106	0.042	<1	3.98	10	317	<2	9	1.47	<4	8	23	8	1.86	0.04	12	0.94	630	<1	47	465	41	1.15	<5	<5	<10	115	1403	<2	26	<10	6	63
42990	1259107	0.013	1	2.60	10	479	2	4	1.16	<4	12	32	11	0.94	0.06	20	0.55	352	<1	62	564	23	0.96	<5	<5	<10	153	2029	<2	34	<10	3	17
42991	1259108	0.012	1	3.04	6	508	<2	6	0.98	<4	10	31	6	0.97	<0.01	21	0.59	349	<1	57	613	17	1.06	<5	<5	<10	164	2119	<2	35	<10	3	13
42992	1259109	0.006	1	2.95	5	432	<2	28	1.48	<4	10	29	9	1.12	<0.01	19	0.58	415	<1	52	590	24	1.03	<5	<5	11	164	1952	<2	34	<10	3	21
42993	1259110	1.863	3	1.52	9	264	3	24	1.09	<4	15	44	27	2.79	<0.01	22	0.40	560	<1	23	544	14	1.42	<5	<5	<10	201	3092	<2	93	34	3	55
42994	1259111	0.009	2	1.12	4	103	<2	<1	0.30	<4	6	46	6	0.68	<0.01	14	0.25	240	<1	44	349	21	1.28	<5	<5	<10	105	1602	<2	22	<10	2	22
42995	1259112	0.062	1	>10.00	27	491	2	21	1.98	<4	5	54	11	0.98	1.85	48	0.97	439	36	54	494	28	0.21	5	14	<10	141	1657	5	29	<10	9	33
42996D	1259112	0.031	1	>10.00	19	498	2	18	1.98	<4	5	61	11	1.04	2.11	43	1.04	449	38	63	510	30	0.21	5	17	<10	135	1652	8	29	<10	11	34
42997	1259113	0.012	<1	5.22	3	484	<2	17	1.38	<4	6	33	11	1.20	<0.01	18	1.10	456	<1	56	576	29	0.65	<5	<5	<10	122	1748	<2	29	<10	6	37
42998	1259114	0.026	2	3.40	10	417	2	23	1.04	<4	7	32	33	1.39	<0.01	20	0.68	604	<1	53	527	131	1.10	<5	<5	<10	103	1903	<2	32	10	3	230
42999	1259115	0.075	2	3.50	25	413	<2	14	0.65	<4	6	27	25	1.50	<0.01	19	0.63	534	<1	47	464	138	1.39	<5	<5	<10	86	1741	<2	28	13	4	415
43000	1259116	0.078	4	3.57	21	336	<2	14	0.52	<4	7	35	20	2.10	<0.01	19	0.65	560	<1	59	495	712	1.66	11	<5	<10	82	1757	<2	28	14	3	687
43001	1259117	3.227	96	2.72	63	118	2	12	0.30	50	13	25	3027	4.28	<0.01	15	0.56	571	<1	50	370	28193	6.05	138	7	<10	76	1281	<2	24	344	3	27977
43002	1259118	1.932	11	1.82	52	155	<2	10	<0.01	21	7	33	173	2.39	<0.01	13	0.37	258	<1	55	378	3084	3.21	17	<5	<10	69	1305	<2	23	140	3	11710
43003	1259119	0.474	5	1.88	65	222	<2	30	0.46	7	7	46	59	2.84	<0.01	12	0.48	479	<1	73	306	1214	3.29	7	<5	<10	92	1223	<2	22	46	3	2436
43004	1259120	0.008	<1	3.63	7	288	2	14	1.84	<4	15	44	23	3.00	<0.01	14	1.01	609	<1	27	554	13	0.57	<5	<5	<10	272	2761	<2	98	36	12	58
43005	1259121	0.719	3	2.33	40	427	<2	2	0.24	7	6	26	54	1.72	<0.01	13	0.47	343	<1	42	395	715	2.04	8	<5	<10	87	1570	<2	26	47	3	2448

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340552
 Reference: TL13-324
 Sample #: 119

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43006	1259122	0.048	1	1.81	19	335	2	<1	0.66	<4	5	29	8	1.21	<0.01	13	0.57	609	<1	51	453	76	1.11	<5	<5	<10	91	1684	<2	28	<10	3	67
43007D	1259122	0.056	<1	1.50	18	302	<2	7	0.59	<4	5	25	8	1.15	<0.01	13	0.57	579	<1	46	439	69	1.03	5	<5	<10	85	1557	<2	26	<10	3	62
43008	1259123	0.445	3	1.36	43	383	<2	<1	<0.01	<4	5	35	52	1.76	<0.01	13	0.33	176	<1	57	326	567	2.17	<5	6	<10	70	1147	<2	21	24	3	922
43009	1259124	0.652	4	1.26	30	460	<2	15	<0.01	6	5	30	20	1.38	<0.01	11	0.29	<100	<1	50	332	1206	1.87	5	6	<10	62	1159	<2	20	43	3	2320
43010	1259125	1.142	5	3.08	45	300	<2	14	0.31	<4	5	46	52	1.59	<0.01	13	0.53	328	<1	66	346	762	2.00	8	<5	<10	91	1251	<2	26	23	3	1080
43011	1259126	1.067	7	2.93	46	287	<2	6	0.33	5	5	35	57	1.51	<0.01	14	0.54	335	<1	49	378	1409	1.99	8	<5	<10	91	1255	<2	26	36	3	1737
43012	1259127	3.326	11	2.76	64	247	2	20	<0.01	13	6	32	83	2.98	0.13	16	0.37	162	<1	46	350	1613	3.94	10	<5	<10	76	1345	<2	25	86	3	6880
43013	1259128	0.140	2	2.57	26	236	2	<1	0.62	<4	8	34	4	1.14	<0.01	17	0.58	489	<1	59	542	88	1.33	<5	<5	<10	133	1545	<2	28	<10	3	151
43014	1259129	0.264	4	2.88	35	296	<2	13	0.17	<4	9	27	13	1.14	<0.01	19	0.39	256	<1	55	445	323	1.37	5	<5	<10	126	1705	<2	30	<10	3	389
43015	1259130	5.213	64	2.29	35	343	<2	7	1.01	17	14	28	55	2.82	<0.01	12	0.64	482	<1	22	519	529	0.90	64	<5	215	229	2059	<2	80	93	7	1688
43016	1259131	0.252	2	1.87	26	263	2	9	0.13	<4	10	22	21	0.86	0.04	12	0.39	256	<1	44	429	202	1.07	<5	<5	<10	112	1439	<2	28	16	3	529
43017	1259132	0.819	7	2.32	24	336	<2	17	<0.01	4	7	22	94	0.91	<0.01	18	0.35	165	<1	43	397	739	1.20	5	<5	<10	95	1527	<2	26	29	3	1365
43018D	1259132	0.986	7	1.80	27	334	<2	19	<0.01	4	9	22	95	0.92	<0.01	18	0.32	165	<1	42	396	740	1.23	6	<5	<10	95	1551	<2	26	30	3	1378
43019	1259133	0.634	2	1.67	20	290	2	12	0.30	<4	8	36	46	1.54	<0.01	17	0.46	541	<1	50	391	51	1.37	<5	<5	<10	117	1584	<2	34	10	3	265
43020	1259134	0.290	2	2.14	30	203	<2	10	0.28	<4	9	41	24	1.54	<0.01	15	0.48	553	<1	65	398	31	1.41	<5	<5	<10	117	1368	<2	35	<10	3	78
43021	1259135	0.448	2	>10.00	39	445	<2	13	1.36	<4	8	52	22	1.36	1.80	52	0.66	337	34	56	438	51	0.96	<5	7	<10	168	1588	<2	37	<10	10	71
43022	1259136	3.360	2	3.97	25	269	2	12	0.42	<4	12	33	33	1.61	<0.01	21	0.71	616	<1	38	387	35	1.32	<5	<5	<10	152	1544	<2	34	<10	4	97
43023	1259137	0.068	2	5.19	23	273	<2	23	0.35	<4	12	29	51	1.43	<0.01	21	0.77	489	<1	42	471	61	1.29	<5	<5	<10	147	1445	<2	32	<10	5	217
43024	1259138	0.045	1	4.50	14	268	<2	13	0.50	<4	10	30	20	1.25	<0.01	21	0.62	518	<1	38	448	27	1.12	<5	<5	<10	151	1401	<2	32	<10	4	68
43025	1259139	0.033	1	3.48	17	187	<2	8	0.64	<4	9	36	13	1.33	<0.01	18	0.58	514	<1	50	384	19	1.27	<5	5	<10	151	1331	<2	30	<10	3	44

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 Reference: TL13-324
 Sample #: 119

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43026	1259140	0.010	<1	3.57	6	297	2	13	1.88	<4	15	45	24	3.08	0.07	15	0.98	633	<1	28	569	5	0.62	<5	<5	<10	280	2885	<2	102	36	11	47
43027	1259141	0.053	2	3.53	9	200	<2	4	0.61	<4	11	34	17	1.47	<0.01	20	0.73	652	<1	49	443	20	1.00	<5	<5	<10	142	1626	<2	35	<10	4	48
43028	1259142	0.034	2	3.32	13	145	2	<1	0.68	<4	6	36	12	1.47	<0.01	19	0.79	804	<1	51	378	25	1.09	<5	<5	<10	160	1350	<2	30	<10	4	57
43029D	1259142	0.042	2	5.05	13	133	2	<1	0.69	<4	6	33	12	1.50	<0.01	19	1.04	781	<1	47	393	28	1.00	<5	<5	<10	157	1292	<2	28	<10	5	53
43030	1259143	0.048	2	3.57	9	115	<2	11	0.36	<4	5	25	9	1.20	<0.01	15	0.84	582	<1	39	352	32	0.89	<5	<5	<10	125	1099	<2	23	<10	4	37
43031	1259144	0.061	2	2.27	18	120	<2	10	0.74	<4	4	21	28	1.23	<0.01	18	0.69	788	<1	32	337	57	1.23	<5	<5	<10	126	1251	<2	24	11	3	82
43032	1259145	0.066	2	4.25	13	115	<2	12	0.69	<4	3	21	6	0.87	<0.01	14	0.83	602	<1	32	380	42	0.86	<5	<5	<10	120	1247	<2	23	<10	4	33
43033	1259146	0.060	2	2.04	16	138	<2	4	0.67	<4	4	26	6	0.84	<0.01	16	0.61	579	<1	36	363	51	0.94	<5	<5	<10	129	1380	<2	25	<10	3	34
43034	1259147	3.362	6	3.21	49	214	2	20	0.27	<4	9	38	12	2.70	<0.01	20	0.53	301	<1	53	358	73	3.30	7	<5	<10	100	1662	<2	30	<10	3	187
43035	1259148	0.274	2	4.20	38	216	<2	15	0.65	<4	12	33	15	1.16	<0.01	21	0.78	545	<1	43	416	23	1.31	<5	<5	<10	115	1732	<2	31	<10	4	35
43036	1259149	4.539	10	2.95	35	207	2	14	0.17	<4	7	28	13	1.12	<0.01	17	0.51	311	<1	39	350	55	1.44	5	<5	<10	83	1642	<2	28	14	3	499
43037	1259150	0.390	3	1.20	44	197	2	20	0.61	<4	13	29	2314	4.63	<0.01	24	0.43	1013	5	21	615	73	3.53	<5	<5	<10	172	1169	<2	56	18	3	515
43038	1259151	0.323	2	2.60	23	192	2	13	0.12	<4	8	32	27	0.97	<0.01	17	0.50	294	<1	48	335	24	1.25	<5	<5	<10	84	1575	<2	26	<10	2	35
43039	1259152	0.508	3	3.68	31	182	<2	22	0.38	<4	8	29	17	1.17	<0.01	18	0.65	401	<1	45	344	53	1.39	5	<5	<10	95	1564	<2	26	10	3	138
43040D	1259152	0.510	3	4.00	29	174	<2	14	0.39	<4	6	27	16	1.15	<0.01	19	0.68	390	<1	42	345	48	1.37	5	<5	<10	95	1525	<2	25	<10	3	132
43041	1259153	0.593	2	3.61	33	167	<2	8	0.33	<4	8	31	14	1.04	<0.01	18	0.65	360	<1	45	331	33	1.19	<5	<5	<10	88	1422	<2	26	<10	3	38
43042	1259154	0.090	1	4.28	15	181	<2	6	0.69	<4	4	23	10	0.95	<0.01	20	0.80	525	<1	33	351	16	0.85	<5	7	<10	114	1520	<2	24	<10	4	26
43043	1259155	0.075	1	3.10	12	169	<2	8	0.59	<4	7	33	16	1.18	<0.01	19	0.63	493	<1	42	357	18	0.89	<5	<5	<10	100	1665	<2	28	<10	3	42
43044	1259156	0.068	1	4.09	26	166	2	6	0.83	<4	7	32	15	1.86	<0.01	18	0.96	677	<1	44	393	18	1.12	<5	<5	<10	118	1753	<2	31	<10	5	60
43045	1259157	0.183	3	5.13	15	311	<2	17	2.41	<4	8	25	234	2.31	0.09	23	1.28	805	<1	41	533	624	1.45	<5	<5	<10	113	2094	<2	35	17	6	649

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Monday, April 22, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340552
 Reference: TL13-324
 Sample #: 119

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43046	1259158	0.529	6	3.98	23	276	2	16	2.53	5	8	24	444	2.40	<0.01	21	1.17	840	<1	36	511	628	1.92	7	<5	<10	125	2039	<2	35	31	4	1418
43047	1259159	0.031	1	5.05	11	333	<2	14	2.18	<4	8	25	11	2.14	<0.01	22	1.10	635	<1	40	546	22	1.07	<5	<5	<10	131	1961	<2	34	<10	5	54
43048	1259160	<0.005	1	2.49	6	290	2	16	1.69	<4	16	46	23	2.95	<0.01	14	0.73	620	<1	25	550	7	0.87	<5	<5	<10	265	2968	<2	101	32	7	47
43049	1259161	0.137	1	4.15	<2	323	2	<1	1.70	<4	16	73	24	2.87	<0.01	24	1.02	589	<1	56	555	15	1.16	<5	<5	<10	130	2567	<2	62	<10	6	49
43050	1259162	0.039	3	2.79	25	773	3	8	2.24	<4	22	140	56	3.53	<0.01	21	0.70	648	<1	88	506	91	2.53	<5	<5	<10	172	2641	<2	81	11	3	148
43051R	1259162	0.039	2	1.74	20	290	2	18	1.28	<4	20	117	51	3.31	0.18	16	0.88	666	<1	82	409	78	2.18	<5	<5	<10	123	2227	<2	67	13	7	149
43052	1259163	0.021	1	1.68	4	239	2	19	0.85	<4	17	104	41	2.88	<0.01	13	0.82	513	<1	75	430	23	1.60	<5	<5	<10	92	1993	<2	63	<10	7	62
43053	1259164	0.017	<1	4.09	16	401	<2	<1	1.58	<4	7	26	10	1.29	<0.01	18	1.02	685	<1	37	316	21	1.07	<5	<5	<10	120	1566	<2	24	<10	4	29
43054	1259165	0.028	<1	2.64	19	434	<2	13	0.84	<4	6	26	11	1.16	<0.01	22	0.62	425	<1	39	313	29	1.26	5	5	<10	108	1630	<2	24	10	3	48
43055	1259166	0.033	<1	2.86	24	460	<2	11	0.84	<4	6	27	9	1.13	<0.01	22	0.66	418	<1	35	305	26	1.19	<5	<5	<10	110	1647	<2	24	<10	3	45
43056	1259167	0.030	1	3.27	32	455	<2	7	0.59	<4	7	26	7	1.27	<0.01	20	0.62	331	<1	37	311	35	1.50	7	<5	<10	95	1623	<2	24	<10	3	94
43057	1259168	0.043	2	5.21	27	365	2	4	1.41	4	6	13	16	1.37	<0.01	21	1.16	531	<1	19	332	156	1.36	<5	<5	<10	101	1359	<2	24	24	5	1153
43058	1259169	0.048	<1	7.47	42	515	2	4	1.03	<4	4	27	6	1.17	<0.01	26	0.91	316	2	57	333	30	0.84	<5	39	<10	111	1647	27	26	<10	7	93
43059	1259170	1.968	1	4.39	8	326	2	11	2.04	<4	18	48	36	3.58	<0.01	19	1.13	702	<1	31	621	10	0.62	<5	<5	<10	288	3116	<2	114	33	12	55
43060	1259171	0.021	<1	4.49	15	381	<2	4	1.32	<4	7	14	9	1.26	<0.01	16	1.12	422	<1	22	335	14	0.86	<5	<5	<10	108	1401	<2	20	<10	5	30
43061	1259172	0.118	<1	4.85	13	501	2	17	1.43	<4	7	15	13	1.22	<0.01	19	0.97	444	<1	21	335	11	0.99	<5	<5	<10	117	1573	<2	23	<10	4	28
43062D	1259172	0.068	<1	6.90	17	506	<2	20	1.64	<4	7	16	14	1.29	<0.01	21	1.19	467	<1	23	362	14	1.03	<5	5	<10	122	1553	<2	22	<10	6	34
43063	1259173	0.050	<1	4.53	19	373	2	9	1.42	<4	6	16	16	1.31	0.05	14	1.17	558	<1	21	339	18	1.06	<5	8	<10	102	1293	<2	19	<10	5	86
43064	1259174	0.093	<1	5.19	25	312	<2	7	1.66	<4	8	15	10	1.70	<0.01	17	1.33	774	<1	20	473	46	1.50	<5	<5	<10	101	1474	<2	27	<10	6	86
43065	1259175	0.265	4	5.36	37	347	<2	6	1.34	4	9	15	45	1.90	<0.01	18	1.15	564	<1	23	485	544	1.90	<5	<5	<10	96	1728	<2	30	29	6	1206

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43066	1259176	0.068	1	4.95	24	396	2	10	1.78	<4	8	17	11	1.69	<0.01	25	1.18	698	<1	26	563	109	1.43	<5	<5	<10	122	1985	<2	34	<10	5	138
43067	1259177	0.060	1	6.15	29	284	2	13	2.42	<4	9	27	14	1.99	0.04	22	1.62	757	<1	39	512	41	1.24	<5	7	<10	134	1637	<2	31	10	8	105
43068	1259178	0.075	1	3.83	37	169	2	15	0.67	<4	18	111	29	3.34	0.19	18	2.04	573	<1	80	510	48	1.89	<5	5	<10	75	1621	<2	60	11	9	236
43069	1259179	0.089	1	5.03	28	184	2	22	0.59	<4	23	157	43	4.19	0.15	31	2.42	623	<1	131	549	56	1.65	<5	<5	<10	90	2240	<2	87	<10	11	116
43070	1259180	<0.005	<1	5.34	7	302	2	19	2.08	<4	15	48	26	3.27	<0.01	20	1.36	656	<1	30	610	9	0.53	<5	<5	<10	279	2804	<2	106	39	17	54
43071	1259181	0.176	1	2.87	63	152	2	15	0.23	<4	20	114	33	3.50	<0.01	26	1.83	370	<1	85	476	60	2.19	<5	<5	<10	65	1497	<2	69	12	9	275
43072	1259182	1.854	14	2.74	74	151	3	23	0.59	16	17	101	648	3.80	<0.01	19	1.65	426	<1	74	344	2400	3.30	9	<5	<10	82	1313	<2	60	90	7	6417
43073D	1259182	2.040	14	4.27	81	189	2	15	0.73	16	18	105	651	3.92	0.03	26	1.71	435	<1	72	353	2361	3.47	12	<5	<10	94	1420	<2	65	87	8	4961
43074	1259183	1.638	2	4.73	66	358	3	21	0.23	<4	21	154	65	4.17	0.05	36	1.67	507	<1	114	481	130	2.64	<5	<5	<10	88	2363	<2	94	16	7	316
43075	1259184	1.238	1	5.21	58	148	2	22	1.14	<4	21	124	43	3.80	0.15	31	2.30	557	<1	85	511	68	2.20	5	<5	<10	104	1812	<2	73	<10	10	227
43076	1259185	0.546	2	4.05	57	119	2	22	0.70	<4	18	112	40	3.33	<0.01	21	1.49	539	<1	68	523	132	2.07	<5	<5	<10	79	1661	<2	59	11	10	178
43077	1259186	0.914	2	4.27	50	123	<2	6	0.71	<4	18	118	42	3.21	0.07	22	1.47	535	<1	76	514	178	1.98	<5	<5	<10	79	1692	<2	59	<10	10	163
43078	1259187	0.602	2	2.49	48	82	3	20	0.09	<4	17	112	31	3.07	0.12	15	1.49	472	<1	79	559	86	1.69	<5	<5	<10	51	1474	<2	57	<10	9	243
43079	1259188	0.102	2	5.28	35	146	2	10	0.46	<4	22	137	61	4.11	0.12	33	2.17	653	<1	102	592	46	1.68	<5	<5	<10	69	2109	<2	82	11	10	124
43080	1259189	0.179	2	4.63	45	131	3	21	0.50	<4	21	119	71	3.76	0.03	26	1.71	550	<1	91	538	55	1.97	<5	<5	<10	71	1766	<2	71	<10	9	130
43081	1259190	5.078	66	1.82	37	282	<2	7	0.89	19	15	28	58	2.76	<0.01	10	0.85	480	<1	24	530	584	0.63	38	<5	230	191	1710	<2	76	83	12	1819
43082	1259191	16.974	36	4.22	90	108	3	18	0.57	4	22	129	126	4.27	<0.01	24	1.79	533	<1	115	483	1797	2.68	15	<5	<10	64	1489	<2	74	14	9	612
43083	1259192	0.189	2	5.78	29	140	2	16	0.17	<4	19	129	25	3.60	0.17	55	2.56	508	<1	82	506	70	1.63	<5	<5	<10	73	1652	<2	73	<10	10	71
43084D	1259192	0.187	2	5.20	26	147	2	15	0.19	<4	20	130	25	3.54	0.17	55	2.34	508	<1	81	491	75	1.68	<5	<5	<10	75	1692	<2	73	11	9	71
43085	1259193	1.642	11	5.07	76	169	3	24	0.06	5	16	108	125	3.76	0.10	43	1.85	427	<1	79	400	182	2.81	11	<5	<10	68	1370	<2	62	32	7	1596

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43086	1259194	0.291	4	3.99	47	84	2	9	0.44	<4	17	110	45	3.20	0.05	25	1.78	432	<1	81	438	151	1.87	5	5	<10	62	1333	<2	58	<10	7	240
43087	1259195	0.913	2	5.10	33	116	2	15	0.28	<4	20	108	42	3.93	0.02	31	2.39	603	<1	76	511	71	1.83	<5	<5	<10	58	1844	<2	69	<10	9	160
43088	1259196	2.106	17	4.74	74	191	2	11	0.47	10	13	77	119	2.91	0.12	16	1.16	367	<1	70	508	1845	2.70	13	<5	<10	68	1334	<2	52	63	8	3379
43089	1259197	0.301	2	4.93	22	215	2	23	0.98	<4	16	124	36	2.91	<0.01	23	1.61	493	<1	106	526	149	1.41	<5	<5	<10	82	1746	<2	66	<10	9	327
43090	1259198	0.314	<1	4.88	24	225	2	14	0.83	<4	13	80	31	2.49	<0.01	22	1.54	445	<1	76	494	53	1.28	<5	<5	<10	84	1553	<2	44	<10	8	97
43091	1259199	0.024	<1	5.25	16	259	2	14	1.39	<4	8	36	7	1.65	<0.01	21	1.49	393	<1	47	396	39	0.96	<5	<5	<10	129	1201	<2	26	<10	6	40
43092	1259200	<0.005	<1	2.75	2	216	2	11	1.67	<4	15	43	23	3.05	<0.01	12	1.24	601	<1	28	564	5	0.36	<5	<5	<10	218	2375	<2	97	32	15	48
43093	1259201	0.176	6	3.66	8	113	2	11	0.99	<4	19	99	49	3.36	<0.01	20	1.48	622	<1	76	488	37	0.96	<5	<5	<10	92	1977	<2	61	<10	14	70
43094	1259202	2.260	4	3.83	113	217	2	7	0.29	<4	18	104	108	2.81	<0.01	14	0.73	327	<1	80	434	301	2.69	7	<5	<10	64	1655	<2	72	10	11	318
43095D	1259202	2.834	4	3.48	115	202	2	16	0.26	<4	18	101	105	2.75	<0.01	15	0.70	319	<1	81	431	295	2.64	<5	<5	<10	71	1590	<2	70	14	11	320
43096	1259203	0.295	1	4.30	47	214	2	8	0.99	<4	8	31	28	1.53	<0.01	14	1.04	639	<1	60	511	138	1.04	<5	<5	<10	88	1564	<2	31	<10	7	76
43097	1259204	0.332	<1	4.94	43	238	2	<1	1.15	<4	7	22	23	1.52	0.03	21	1.09	639	<1	43	477	64	1.25	<5	<5	<10	94	1619	<2	30	16	7	82
43098	1259205	0.571	4	4.82	44	390	2	15	1.54	4	7	24	81	2.04	<0.01	20	1.17	684	<1	44	371	490	1.85	<5	5	<10	112	1264	<2	26	35	7	1242
43099	1259206	0.523	4	4.28	40	397	2	31	1.39	<4	7	31	68	2.04	0.06	15	1.17	660	<1	54	374	500	1.75	<5	7	<10	103	1264	<2	27	27	7	962
43100	1259207	0.079	<1	5.36	28	259	<2	19	2.38	<4	8	16	10	1.66	0.24	17	1.66	984	<1	26	456	23	0.92	<5	6	<10	113	1434	<2	28	16	7	30
43101	1259208	0.129	<1	5.31	28	245	2	26	1.71	<4	14	15	43	2.55	0.02	26	1.35	803	<1	23	445	22	1.78	<5	<5	<10	120	1662	<2	31	13	7	34
43102	1259209	0.087	1	5.24	22	232	2	12	2.85	<4	7	22	17	2.01	<0.01	21	2.10	1276	<1	40	478	68	0.95	<5	5	<10	126	1601	<2	31	<10	7	138
43103	1259210	0.371	3	4.62	42	152	2	22	0.76	<4	13	25	2307	4.73	<0.01	27	0.85	995	4	22	651	67	3.31	<5	<5	<10	184	927	<2	52	18	9	516
43104	1259211	0.028	<1	5.12	17	291	<2	7	1.22	<4	8	23	25	1.75	<0.01	23	1.52	697	<1	42	502	14	0.86	<5	<5	<10	113	1811	<2	34	<10	6	37
43105	1259212	0.102	<1	5.33	29	278	<2	23	1.53	<4	8	22	16	1.62	<0.01	27	1.52	826	<1	42	484	21	0.95	<5	<5	<10	131	1647	<2	30	<10	7	103

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Dr. David Brown, VP Quality

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Monday, April 22, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340552
 Reference: TL13-324
 Sample #: 119

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43106D	1259212	0.098	<1	5.32	28	283	<2	10	1.51	<4	8	21	12	1.60	<0.01	26	1.55	831	<1	39	472	21	0.93	<5	<5	<10	129	1714	<2	31	11	7	107
43107	1259213	0.272	<1	4.98	50	287	2	<1	1.66	<4	9	24	15	2.17	0.05	20	1.48	782	<1	48	494	33	1.47	<5	8	<10	111	1675	<2	31	<10	7	83
43108	1259214	0.248	<1	5.11	80	314	2	15	1.28	<4	9	18	16	1.84	<0.01	21	1.20	607	<1	33	472	41	1.31	<5	<5	<10	108	1706	<2	31	13	7	66
43109	1259215	0.163	<1	5.24	20	347	2	18	1.07	<4	7	31	48	1.55	<0.01	27	0.99	493	<1	59	493	36	1.08	<5	<5	<10	108	1804	<2	33	13	7	87
43110	1259216	0.374	1	4.64	25	235	3	6	2.02	<4	7	32	31	1.81	<0.01	26	1.18	609	<1	61	440	35	1.30	<5	<5	<10	106	1523	<2	29	13	7	164
43111	1259217	0.032	<1	5.21	17	359	2	10	2.03	<4	7	27	14	1.69	<0.01	22	1.15	573	<1	49	499	28	0.87	<5	7	<10	127	1612	<2	31	10	6	55
43112	1259218	0.656	2	5.07	17	349	2	<1	1.96	<4	7	24	69	1.82	<0.01	23	1.20	677	<1	46	500	444	1.14	<5	5	<10	124	1676	<2	33	19	6	517
43113	1259219	0.034	<1	5.44	21	338	2	19	1.72	<4	8	23	13	1.68	<0.01	23	1.16	591	<1	44	498	39	1.00	<5	<5	<10	132	1627	<2	30	13	7	58
43114	1259220	<0.005	<1	4.25	7	256	2	18	1.88	<4	14	42	24	3.09	0.04	15	1.25	619	<1	28	582	4	0.44	<5	<5	<10	274	2610	<2	99	34	16	45
43115	1259221	0.142	<1	3.91	28	325	<2	16	1.85	<4	8	28	38	1.91	0.03	24	1.06	825	<1	53	492	61	1.39	<5	<5	<10	140	1720	<2	33	18	6	267

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, December 16, 2015

Final Certificate

 Treasury Metals Inc
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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/28/2013
 Date Completed: 04/26/2013
 Job #: 201340701
 Reference: TL13-324
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
54824	1259191	10.041	10.069	124.588	14.345	3.75%	37.46

APPLIED SCOPES: ALPM1

Validated By:



Derek Demianiuk, VP Quality

Certified By:

Murphy

Authorized By:



Derek Demianiuk, VP Quality

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Monday, April 22, 2013


Final Certificate

Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340551
 Reference: TL13-325
 Sample #: 108

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
42868	1259222	0.257	2	2.43	43	690	2	2	0.68	<4	9	34	25	1.28	<0.01	24	0.50	244	<1	35	352	112	1.79	<5	<5	<10	133	1726	<2	29	16	3	251
42869	1259223	0.151	2	1.99	28	431	<2	<1	0.50	<4	8	14	26	1.02	<0.01	21	0.42	398	<1	18	380	40	1.47	<5	<5	<10	122	1882	<2	29	<10	2	81
42870	1259224	0.091	1	2.81	18	379	<2	<1	0.81	<4	7	16	31	0.98	<0.01	21	0.53	512	<1	19	380	30	1.28	<5	<5	<10	128	1756	<2	27	<10	3	40
42871	1259225	0.126	2	3.24	30	486	<2	28	0.38	<4	7	16	11	1.24	<0.01	26	0.46	346	<1	20	427	100	1.74	<5	<5	10	129	2231	<2	33	13	3	428
42872	1259226	0.164	2	2.90	34	500	<2	3	0.38	<4	7	13	15	1.40	<0.01	25	0.41	360	<1	17	421	78	1.83	<5	<5	<10	128	2243	<2	34	15	2	398
42873	1259227	0.142	3	2.58	20	408	2	18	0.48	<4	7	16	18	1.04	<0.01	23	0.41	378	<1	18	456	286	1.57	<5	<5	<10	134	1989	<2	30	<10	3	343
42874	1259228	0.176	1	2.88	29	357	2	<1	0.58	<4	10	12	9	1.17	<0.01	22	0.46	401	<1	23	459	33	1.57	<5	<5	<10	128	1695	<2	30	<10	3	104
42875	1259229	0.073	2	2.38	29	371	<2	19	0.50	<4	21	23	32	1.29	<0.01	24	0.44	451	<1	58	417	82	1.40	<5	5	<10	140	1742	<2	32	<10	3	168
42876	1259230	1.934	1	2.97	4	326	<2	9	1.83	<4	18	48	34	3.44	<0.01	21	0.83	690	<1	30	580	10	0.86	<5	<5	<10	264	3155	<2	112	38	8	59
42877	1259231	25.070	2	2.56	30	286	<2	<1	0.30	<4	25	19	58	1.34	<0.01	19	0.43	341	<1	54	413	95	1.47	<5	<5	<10	135	1585	<2	29	<10	3	324
42878D	1259231	22.434	3	2.29	27	277	<2	6	0.29	<4	23	19	55	1.28	<0.01	20	0.39	331	<1	51	401	97	1.60	<5	<5	<10	134	1602	<2	28	<10	3	302
42879	1259232	0.232	1	1.53	35	234	<2	11	0.34	<4	27	23	22	1.40	<0.01	19	0.47	508	<1	61	365	47	1.67	<5	6	<10	133	1446	<2	27	<10	2	106
42880	1259233	0.079	2	3.54	28	321	<2	13	0.25	<4	14	24	22	1.09	<0.01	21	0.37	248	<1	48	391	42	1.51	<5	<5	<10	126	1748	<2	30	<10	3	113
42881	1259234	0.079	3	3.51	30	285	<2	6	0.46	<4	16	28	32	1.10	<0.01	23	0.47	414	<1	53	416	65	1.60	<5	<5	<10	138	1734	<2	29	10	3	156
42882	1259235	0.035	2	3.94	20	417	<2	12	0.42	<4	14	26	23	1.25	<0.01	27	0.47	389	<1	43	449	52	1.28	<5	<5	<10	143	2146	<2	37	<10	3	57
42883	1259236	0.028	2	3.39	11	296	<2	17	0.66	<4	10	38	13	1.68	<0.01	28	0.51	666	<1	44	447	20	1.54	<5	<5	<10	159	2288	<2	38	<10	3	49
42884	1259237	0.079	2	3.17	6	311	2	3	0.70	<4	9	36	14	1.69	<0.01	25	0.58	672	<1	44	398	22	1.10	<5	5	<10	152	2150	<2	39	<10	4	59
42885	1259238	<0.005	2	2.37	5	281	2	<1	0.81	<4	8	30	16	1.53	<0.01	23	0.50	497	<1	34	393	12	1.01	<5	<5	<10	161	2053	<2	36	<10	3	35
42886	1259239	0.070	2	2.75	3	332	3	8	0.81	<4	9	41	20	1.79	<0.01	23	0.56	493	<1	43	442	16	1.20	<5	<5	<10	176	2122	<2	39	<10	4	44
42887	1259240	<0.005	1	1.50	3	302	2	10	1.63	<4	16	47	23	2.98	<0.01	18	0.62	630	<1	26	525	13	0.88	<5	<5	<10	259	3011	<2	102	29	6	48

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
 Dr. David Brown, VP Quality

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Monday, April 22, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340551
 Reference: TL13-325
 Sample #: 108

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
42888	1259241	0.029	2	1.32	3	175	<2	10	0.31	<4	5	51	13	0.72	<0.01	20	0.26	165	<1	49	211	20	1.28	<5	<5	<10	134	1185	<2	21	<10	3	20
42889D	1259241	0.020	2	2.20	<2	164	<2	<1	0.35	<4	4	50	13	0.70	<0.01	18	0.32	155	<1	52	197	11	1.08	<5	<5	<10	133	1014	<2	20	<10	3	11
42890	1259242	0.090	2	2.00	10	360	<2	6	0.31	<4	10	33	33	0.86	<0.01	23	0.41	347	<1	42	275	28	1.00	<5	<5	<10	139	1859	<2	47	<10	3	85
42891	1259243	0.432	2	1.34	22	270	<2	9	0.35	<4	10	28	23	1.03	<0.01	22	0.35	425	<1	42	356	63	1.47	<5	<5	<10	143	1649	<2	31	10	2	244
42892	1259244	0.195	2	3.99	25	264	2	13	0.65	<4	9	17	21	1.25	<0.01	24	0.53	656	<1	18	480	37	1.62	<5	<5	<10	166	1728	<2	33	<10	4	66
42893	1259245	0.054	2	5.51	14	386	<2	5	0.78	<4	10	20	26	1.37	<0.01	28	0.57	472	<1	20	449	56	1.45	5	<5	<10	179	1916	<2	39	13	4	54
42894	1259246	0.383	2	4.85	11	330	2	5	0.78	<4	9	25	26	1.26	<0.01	28	0.53	489	<1	24	615	43	1.48	<5	<5	<10	174	1864	<2	36	11	4	65
42895	1259247	0.009	2	3.99	6	292	<2	4	0.77	<4	8	18	15	1.34	<0.01	26	0.57	630	<1	20	433	44	1.37	<5	<5	<10	165	1716	<2	34	<10	3	71
42896	1259248	0.090	2	3.08	13	172	<2	9	0.69	<4	5	18	18	1.62	<0.01	23	0.67	839	<1	24	397	31	1.42	<5	<5	<10	158	1585	<2	30	12	3	64
42897	1259249	0.097	3	3.33	4	165	2	4	0.68	<4	5	18	13	1.38	<0.01	25	0.70	913	<1	16	358	28	1.22	<5	<5	<10	160	1478	<2	27	<10	3	66
42898	1259250	5.177	65	2.74	34	395	2	15	1.12	17	16	34	58	2.96	<0.01	25	0.62	514	<1	24	534	535	1.27	64	<5	216	246	2336	<2	87	90	6	1722
42899	1259251	0.199	3	2.48	9	203	<2	15	0.69	<4	4	15	6	0.90	<0.01	23	0.80	782	<1	15	333	31	1.18	<5	<5	<10	147	1510	<2	26	<10	3	45
42900D	1259251	0.202	3	2.15	9	170	<2	21	0.69	<4	4	14	5	0.86	0.11	20	0.69	732	<1	15	302	29	1.02	<5	6	<10	138	1331	<2	23	<10	3	43
42901	1259252	0.475	7	2.21	35	310	2	5	0.63	<4	8	25	16	2.12	<0.01	24	0.56	516	<1	31	359	130	2.61	6	<5	<10	125	1859	<2	31	<10	3	311
42902	1259253	0.112	3	2.17	27	219	<2	14	0.77	<4	9	23	4	2.01	<0.01	23	0.58	542	<1	26	403	29	2.58	<5	<5	<10	132	1851	<2	32	<10	3	45
42903	1259254	0.143	2	2.88	30	222	<2	14	0.38	<4	13	21	36	1.95	<0.01	29	0.79	529	<1	32	402	294	2.14	7	<5	<10	116	1849	<2	33	13	3	548
42904	1259255	0.124	2	3.02	28	201	2	8	0.55	<4	8	31	7	1.32	<0.01	23	0.51	430	<1	31	366	45	1.96	<5	<5	<10	112	1841	<2	32	<10	3	200
42905	1259256	0.177	2	4.81	23	201	2	17	0.54	<4	8	20	8	1.15	<0.01	25	0.56	321	<1	25	367	57	1.67	<5	<5	<10	119	1750	<2	29	<10	4	133
42906	1259257	0.059	2	3.21	15	232	2	5	0.52	<4	6	19	22	0.74	<0.01	26	0.42	369	<1	17	356	25	1.46	<5	6	<10	120	1888	<2	28	<10	3	29
42907	1259258	0.218	1	0.40	15	158	<2	2	0.30	<4	8	7	7	0.69	<0.01	10	0.37	306	<1	13	270	9	1.20	<5	<5	<10	94	1182	<2	22	<10	2	19

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Dr. David Brown, VP Quality

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Monday, April 22, 2013


Final Certificate

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Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340551
 Reference: TL13-325
 Sample #: 108

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
42908	1259259	0.512	1	>10.00	42	360	2	22	1.95	<4	6	33	16	1.15	1.82	59	1.00	528	38	26	405	24	0.77	<5	20	<10	158	1617	6	28	<10	9	50
42909	1259260	<0.005	<1	6.81	17	355	<2	<1	2.20	<4	13	48	19	2.96	0.05	22	1.22	621	<1	51	544	8	0.07	<5	28	<10	284	2861	10	100	21	14	47
42910	1259261	0.367	2	2.61	20	207	2	16	0.94	<4	5	13	16	1.04	<0.01	23	0.55	528	<1	14	333	13	1.19	<5	6	<10	130	1729	<2	26	<10	3	33
42911D	1259261	0.359	2	7.03	30	250	2	<1	1.26	<4	7	20	19	1.22	<0.01	30	0.89	607	<1	17	441	24	1.62	<5	8	<10	178	2219	<2	31	<10	6	36
42912	1259262	0.007	2	2.49	9	178	2	<1	1.41	<4	5	16	5	1.48	<0.01	18	0.59	682	<1	16	325	16	1.44	<5	<5	<10	123	1631	<2	26	<10	2	22
42913	1259263	<0.005	3	7.48	6	461	3	24	1.87	<4	11	50	23	2.19	<0.01	33	0.96	623	<1	34	537	45	1.94	<5	<5	<10	191	2482	<2	43	16	8	32
42914	1259264	0.010	1	>10.00	40	560	2	14	2.36	<4	9	34	16	2.10	1.84	48	1.17	603	35	25	537	35	1.93	<5	5	<10	173	2000	4	39	<10	11	77
42915	1259265	0.006	1	1.92	16	433	3	8	0.69	<4	9	15	5	1.67	<0.01	20	0.47	486	<1	21	507	41	2.26	<5	<5	<10	119	2236	<2	36	<10	3	142
42916	1259266	<0.005	1	2.76	20	446	<2	15	0.96	<4	8	13	4	1.88	<0.01	22	0.55	549	<1	14	511	36	2.44	<5	<5	<10	127	2202	<2	36	<10	3	105
42917	1259267	0.016	2	6.57	25	502	2	19	1.64	<4	11	20	7	2.04	<0.01	30	1.05	797	<1	24	624	28	2.59	<5	<5	<10	167	2550	<2	42	<10	6	42
42918	1259268	0.141	2	>10.00	59	572	2	23	2.21	<4	6	29	35	2.14	2.01	48	1.15	532	38	25	534	227	2.16	<5	17	<10	131	1809	2	34	18	12	1175
42919	1259269	0.018	1	7.12	47	383	<2	8	2.10	<4	7	19	8	2.05	<0.01	25	1.22	787	<1	53	519	28	1.05	<5	24	<10	129	1993	5	38	<10	8	47
42920	1259270	0.396	3	2.24	40	170	2	19	0.51	<4	11	23	1984	3.74	<0.01	26	0.44	817	4	16	535	57	3.04	<5	5	<10	160	1166	<2	49	15	3	404
42921	1259271	0.023	2	7.63	7	343	2	14	1.30	<4	24	142	56	3.74	<0.01	36	1.58	692	<1	83	587	28	2.15	<5	<5	<10	154	3221	<2	96	<10	13	62
42922D	1259271	0.015	2	2.46	<2	270	2	11	0.80	<4	18	116	50	2.93	<0.01	24	0.83	543	<1	67	470	28	1.80	<5	<5	<10	118	2613	<2	80	<10	4	60
42923	1259272	0.009	1	2.74	12	416	2	13	1.24	<4	8	23	14	1.28	<0.01	22	0.64	470	<1	25	323	20	1.34	<5	<5	<10	127	1867	<2	29	<10	3	26
42924	1259273	0.026	1	2.50	22	410	<2	20	1.30	<4	7	21	8	1.24	<0.01	24	0.88	632	<1	27	314	20	1.51	<5	<5	<10	123	1677	<2	25	<10	3	43
42925	1259274	0.059	1	7.49	29	501	2	<1	1.60	<4	6	32	47	1.23	<0.01	29	1.10	514	2	54	358	49	0.57	<5	30	<10	143	1720	9	29	13	7	498
42926	1259275	0.041	2	0.91	22	407	2	16	0.31	<4	7	22	15	1.11	<0.01	21	0.34	311	<1	22	341	36	1.88	<5	<5	<10	95	1902	<2	28	<10	2	138
42927	1259276	0.034	2	0.65	24	403	<2	<1	0.28	<4	8	19	4	0.96	<0.01	22	0.30	291	<1	21	311	15	1.68	<5	<5	<10	91	1854	<2	25	<10	2	20

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
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Monday, April 22, 2013


Final Certificate

 Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340551
 Reference: TL13-325
 Sample #: 108

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
42928	1259277	0.037	<1	>10.00	43	656	<2	17	2.67	<4	5	26	7	1.21	1.82	43	1.24	483	33	16	338	29	0.66	<5	14	<10	130	1641	2	26	<10	8	40
42929	1259278	0.267	<1	>10.00	42	703	<2	19	2.20	<4	5	27	8	1.15	2.10	39	1.20	437	33	21	329	13	0.66	<5	17	<10	130	1577	7	25	<10	9	26
42930	1259279	0.134	2	3.47	17	545	2	10	1.41	<4	7	20	15	1.32	<0.01	26	0.76	651	<1	22	352	27	1.70	5	5	<10	144	1909	<2	27	<10	3	44
42931	1259280	<0.005	1	2.64	4	306	<2	<1	1.55	<4	17	47	24	2.90	<0.01	20	0.73	615	<1	26	552	12	0.96	<5	<5	<10	257	3157	<2	102	32	7	51
42932	1259281	0.173	3	2.85	30	367	<2	14	1.49	<4	10	42	23	1.66	<0.01	25	0.71	723	<1	29	415	98	1.89	<5	6	<10	112	1934	<2	42	<10	4	188
42933R	1259281	0.166	2	1.08	27	247	2	31	0.84	<4	8	36	18	1.35	<0.01	9	0.56	540	<1	29	357	65	1.55	<5	<5	<10	90	1548	<2	36	<10	3	159
42934	1259282	0.252	4	1.90	50	330	2	3	0.94	5	15	76	49	2.27	<0.01	17	0.68	600	<1	51	472	534	2.74	<5	<5	<10	105	2210	<2	59	31	4	1590
42935	1259283	0.076	1	3.05	11	308	2	7	0.73	<4	8	36	16	1.39	<0.01	19	0.50	394	<1	31	323	41	1.39	<5	8	<10	115	1893	<2	34	<10	3	131
42936	1259284	0.065	<1	7.07	28	476	2	<1	1.64	<4	7	29	11	1.64	<0.01	25	1.25	582	2	58	568	36	0.47	<5	30	<10	131	1785	36	34	<10	8	89
42937	1259285	0.133	2	2.45	27	185	2	10	0.42	<4	27	96	81	2.90	<0.01	18	1.13	430	<1	63	342	59	2.06	<5	<5	<10	86	1586	<2	56	<10	4	142
42938	1259286	0.095	2	1.78	22	205	<2	16	0.48	<4	26	106	74	2.90	<0.01	21	1.03	427	<1	73	367	96	2.19	<5	<5	<10	92	1677	<2	58	<10	4	146
42939	1259287	0.123	2	4.87	242	174	2	12	0.77	6	15	116	406	3.10	0.04	36	1.15	414	5	102	470	238	1.47	<5	29	26	110	1698	26	70	25	8	1638
42940	1259288	0.097	2	1.17	32	167	2	8	0.39	<4	17	107	45	2.78	<0.01	22	1.13	435	<1	71	435	74	1.85	<5	<5	<10	89	2003	<2	69	<10	3	359
42941	1259289	0.276	2	5.14	68	161	<2	31	0.61	5	19	120	42	3.47	0.11	40	1.75	393	<1	77	478	102	2.78	<5	<5	<10	96	1707	<2	66	22	7	973
42942	1259290	2.000	1	3.26	9	307	<2	11	1.82	<4	18	48	34	3.40	<0.01	18	0.93	673	<1	29	579	11	0.84	<5	6	<10	265	3039	<2	108	34	9	81
42943	1259291	0.126	2	1.90	44	140	2	8	0.66	<4	16	107	34	2.92	<0.01	28	1.33	544	<1	66	439	70	2.13	<5	<5	<10	101	1918	<2	70	<10	3	162
42944D	1259291	0.112	1	2.13	45	156	2	24	0.70	<4	17	115	36	3.05	<0.01	34	1.49	566	<1	71	458	70	2.25	<5	<5	<10	99	1919	<2	73	<10	4	163
42945	1259292	0.575	2	3.03	90	208	2	16	0.53	<4	21	128	39	3.74	<0.01	27	1.40	400	<1	85	479	64	3.07	<5	5	<10	92	1902	<2	86	<10	5	151
42946	1259293	4.834	2	1.95	65	221	2	22	0.11	<4	18	125	58	2.99	<0.01	22	0.95	382	<1	73	477	59	2.63	<5	<5	<10	79	2019	<2	83	10	3	224
42947	1259294	1.740	3	1.86	83	239	2	10	0.32	14	16	111	63	2.95	<0.01	19	0.42	226	<1	63	358	143	3.70	<5	<5	<10	92	1327	<2	66	71	3	3806

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Monday, April 22, 2013


Final Certificate

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 Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340551
 Reference: TL13-325
 Sample #: 108

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
42948	1259295	0.698	3	1.81	61	184	2	25	0.67	<4	16	120	46	2.85	<0.01	19	0.71	374	<1	63	473	114	2.81	<5	<5	<10	97	1578	<2	68	<10	3	207
42949	1259296	0.410	2	1.94	34	196	3	28	0.38	<4	20	128	41	2.99	<0.01	26	1.19	534	<1	66	527	58	1.98	<5	<5	<10	86	2278	<2	85	<10	3	131
42950	1259297	0.196	2	2.50	53	228	2	20	0.45	<4	20	136	95	3.54	<0.01	27	1.06	546	<1	78	517	95	2.41	<5	<5	<10	89	2181	<2	96	10	4	149
42951	1259298	0.127	2	<0.01	17	97	<2	6	0.12	<4	14	92	29	2.25	<0.01	14	0.90	319	<1	55	355	54	1.40	<5	<5	<10	56	1295	<2	63	<10	2	301
42952	1259299	0.268	1	2.82	20	120	<2	12	0.06	<4	15	93	26	2.50	<0.01	25	1.51	417	<1	56	371	42	1.21	<5	<5	<10	60	1351	<2	58	<10	6	57
42953	1259300	<0.005	<1	4.45	5	241	<2	6	1.55	<4	13	39	19	2.47	0.06	15	0.94	510	<1	24	468	5	0.78	<5	<5	<10	240	2623	<2	82	31	12	39
42954	1259301	0.170	2	3.87	56	153	2	28	0.19	<4	16	108	33	3.08	<0.01	44	1.73	442	<1	66	449	54	1.98	<5	<5	<10	71	1586	<2	66	<10	6	221
42955D	1259301	0.175	2	1.68	54	145	2	7	0.18	<4	17	103	33	2.73	<0.01	36	1.28	406	<1	63	433	45	2.14	<5	<5	<10	74	1632	<2	65	<10	3	198
42956	1259302	0.414	2	1.87	59	190	2	12	0.18	<4	17	97	45	2.87	<0.01	25	0.91	385	<1	62	353	91	2.46	<5	<5	<10	74	1429	<2	63	13	4	412
42957	1259303	1.530	1	1.13	8	60	<2	20	<0.01	<4	12	75	21	2.14	<0.01	10	1.08	334	<1	51	329	30	1.06	<5	<5	<10	49	1051	<2	50	<10	5	51
42958	1259304	0.144	2	1.50	15	100	<2	3	0.06	<4	13	81	27	2.25	<0.01	15	1.08	333	<1	52	367	40	1.45	<5	<5	<10	56	1351	<2	55	<10	4	170
42959	1259305	5.572	15	1.29	94	166	<2	19	<0.01	13	10	42	68	2.80	<0.01	15	0.36	155	<1	40	377	664	3.73	13	<5	<10	66	1215	<2	39	98	3	8197
42960	1259306	0.354	2	2.44	33	171	<2	27	1.02	<4	17	73	84	2.94	<0.01	22	0.96	615	<1	57	474	109	2.42	6	<5	<10	94	1799	<2	60	10	4	183
42961	1259307	0.272	1	2.93	21	152	<2	<1	0.89	<4	13	64	42	2.21	<0.01	21	1.24	561	<1	46	413	74	1.48	5	5	<10	76	1518	<2	53	<10	6	105
42962	1259308	1.123	10	2.48	46	169	<2	1	0.16	4	6	19	58	1.35	<0.01	9	0.55	177	<1	26	313	1067	1.45	8	<5	<10	58	1135	<2	28	23	3	902
42963	1259309	0.303	3	1.80	54	253	<2	9	0.36	<4	13	83	33	2.28	<0.01	18	0.72	265	<1	59	389	188	2.25	<5	<5	<10	81	1460	<2	52	13	3	213
42964	1259310	5.438	60	1.93	35	336	<2	15	0.95	16	15	30	55	2.73	<0.01	16	0.61	462	<1	24	494	500	1.07	60	<5	198	223	2053	<2	79	82	6	1594
42965	1259311	0.279	3	1.46	28	262	2	7	0.49	<4	17	108	28	2.74	<0.01	25	1.08	460	<1	75	476	60	1.67	5	<5	<10	86	2150	<2	71	<10	3	106
42966D	1259311	0.232	2	1.14	26	262	2	9	0.44	<4	16	108	28	2.69	<0.01	24	1.16	461	<1	75	475	58	1.60	<5	<5	<10	81	2124	<2	71	<10	3	84
42967	1259312	0.059	2	2.67	17	234	2	12	0.70	<4	18	119	39	3.05	<0.01	21	1.05	491	<1	83	530	31	1.16	<5	<5	<10	106	2396	<2	74	<10	6	78

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Monday, April 22, 2013


Final Certificate

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 Date Received: 03/11/2013
 Date Completed: 04/08/2013
 Job #: 201340551
 Reference: TL13-325
 Sample #: 108

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
42968	1259313	0.041	1	5.38	12	211	3	12	1.10	<4	17	118	41	3.30	<0.01	24	1.51	438	<1	87	511	32	1.06	<5	6	<10	125	2031	<2	65	<10	10	75
42969	1259314	0.145	1	<0.01	11	37	<2	7	0.02	<4	9	64	30	1.90	<0.01	<1	0.57	315	<1	54	245	39	1.18	<5	<5	<10	44	838	<2	38	<10	2	53
42970	1259315	0.096	1	<0.01	5	54	<2	14	0.05	<4	12	77	27	2.03	<0.01	6	0.68	390	<1	57	298	25	0.95	<5	<5	<10	47	1031	<2	51	<10	2	46
42971	1259316	0.053	2	1.44	20	247	<2	10	0.78	<4	17	112	38	2.56	<0.01	20	0.77	551	<1	70	468	34	1.51	<5	<5	<10	99	2230	<2	76	<10	4	55
42972	1259317	0.916	3	1.64	98	174	2	11	0.39	<4	17	115	66	3.04	0.05	19	0.61	379	<1	86	519	127	3.02	<5	<5	<10	85	1519	<2	68	23	4	892
42973	1259318	0.324	4	1.21	96	192	2	19	0.17	4	19	134	105	2.99	<0.01	17	0.62	423	<1	102	444	148	2.71	<5	<5	<10	86	1609	<2	81	26	4	1079
42974	1259319	0.432	3	1.83	23	251	2	29	0.45	<4	22	146	84	3.41	<0.01	21	0.71	432	<1	98	479	102	2.22	<5	<5	<10	118	2104	<2	104	13	4	271
42975	1259320	<0.005	1	1.78	2	284	<2	8	1.51	<4	15	46	24	2.87	<0.01	15	0.68	598	<1	27	519	9	0.87	<5	<5	<10	249	2887	<2	97	31	7	50
42976	1259321	0.167	2	0.68	9	199	<2	6	0.44	<4	20	122	45	2.80	<0.01	15	0.73	503	<1	81	393	61	1.20	<5	<5	<10	104	2344	<2	80	<10	3	131
42977D	1259321	0.113	2	4.65	11	187	<2	22	0.63	<4	18	119	43	2.90	<0.01	20	1.11	485	<1	81	400	58	1.10	<5	<5	<10	108	2243	<2	74	<10	10	121
42978	1259322	0.097	2	1.84	9	197	2	14	0.69	<4	17	99	44	2.68	<0.01	16	0.85	499	<1	68	380	116	1.24	<5	<5	<10	101	1886	<2	64	<10	5	74
42979	1259323	1.109	7	0.37	148	443	2	17	<0.01	<4	20	126	83	3.16	<0.01	22	0.27	157	<1	95	364	481	3.88	7	<5	<10	69	1877	<2	79	14	3	480
42980	1259324	2.488	4	7.30	143	477	2	<1	0.65	<4	14	122	122	2.54	0.03	36	0.73	288	7	118	458	287	2.17	<5	31	<10	108	2049	26	81	13	10	525
42981	1259325	0.449	2	2.74	43	352	2	6	0.71	<4	9	32	47	1.49	<0.01	25	0.78	639	<1	51	467	90	1.62	<5	<5	<10	97	1988	<2	37	13	3	120
42982	1259326	0.305	2	2.71	40	338	2	13	0.69	<4	8	26	30	1.53	<0.01	23	0.77	643	<1	45	453	70	1.51	<5	<5	<10	95	1912	<2	36	13	3	137
42983	1259327	0.672	2	3.56	49	278	<2	5	0.93	<4	10	26	65	2.13	0.10	30	0.97	733	<1	43	458	521	2.01	<5	5	<10	121	1925	<2	36	25	4	958
42984	1259328	0.395	2	1.84	64	292	<2	8	0.49	<4	10	22	44	1.78	<0.01	25	0.59	548	<1	36	436	40	1.98	<5	<5	<10	96	2076	<2	36	14	2	81
42985	1259329	0.038	2	1.44	16	226	2	3	0.78	<4	7	24	23	1.19	<0.01	18	0.53	642	<1	23	388	53	1.38	5	<5	<10	113	1936	<2	32	21	2	211

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Friday, April 26, 2013


Final Certificate

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 03/28/2013
 Date Completed: 04/26/2013
 Job #: 201340702
 Reference: TL13-325
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
54825	1259231	5.875	5.791	72.972	9.143	4.93%	49.3

PROCEDURE CODES: ALPM1

Certified By: 
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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
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 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340557
 Reference: TL13-326
 Sample #: 124

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43175	1259330	0.399	2	2.55	58	120	<2	<1	0.55	4	11	26	2011	4.67	0.05	12	0.76	973	11	25	574	73	3.68	<5	30	<10	124	690	18	47	20	7	562
43176	1259331	0.012	<1	3.18	22	278	<2	4	1.23	<4	6	16	23	1.79	0.15	3	1.05	689	<1	30	399	47	0.74	<5	36	<10	94	1390	12	26	13	5	385
43177	1259332	0.016	<1	1.49	18	212	<2	3	0.58	<4	7	16	15	1.56	0.24	<1	0.59	374	<1	30	440	26	0.82	<5	27	<10	50	1261	7	23	<10	4	56
43178	1259333	0.026	<1	2.92	36	194	<2	<1	0.58	<4	8	15	14	1.42	0.15	<1	0.57	356	<1	24	453	11	0.76	<5	30	<10	65	1410	26	25	<10	5	89
43179	1259334	0.042	<1	3.12	34	212	<2	<1	1.00	<4	8	13	7	1.39	0.24	<1	0.61	357	<1	25	439	17	0.75	<5	30	<10	78	1396	14	24	<10	6	218
43180	1259335	0.022	<1	3.45	24	180	<2	12	2.18	<4	6	14	14	1.71	0.12	<1	0.79	536	<1	22	423	50	0.94	<5	31	<10	96	1264	29	25	<10	5	130
43181	1259336	0.008	<1	3.55	23	139	<2	<1	1.44	<4	8	11	4	0.77	0.18	4	0.93	336	<1	29	558	20	0.30	<5	30	10	104	1296	<2	23	<10	5	24
43182	1259337	0.008	<1	2.95	22	274	<2	<1	0.77	<4	7	13	9	0.85	0.14	2	0.78	279	<1	27	599	13	0.25	<5	33	<10	90	1414	23	28	<10	6	18
43183	1259338	0.010	<1	3.43	22	374	<2	4	0.64	<4	7	15	11	1.03	0.30	5	0.82	379	<1	31	587	25	0.40	<5	33	<10	90	1571	7	29	<10	6	34
43184	1259339	0.011	<1	4.30	15	391	<2	<1	0.89	<4	5	12	6	0.97	0.25	7	0.97	348	<1	26	550	24	0.22	<5	38	<10	90	1599	21	27	<10	6	36
43185D	1259339	0.010	<1	5.84	21	476	<2	4	1.19	<4	5	14	7	0.99	0.17	10	1.02	356	<1	31	583	32	0.23	<5	30	<10	111	1733	23	30	12	7	28
43186	1259340	<0.005	<1	5.14	33	315	2	13	2.02	<4	13	46	20	3.04	0.22	7	1.36	616	<1	33	531	8	0.09	<5	34	<10	261	2427	12	103	22	16	46
43187	1259341	0.021	<1	3.04	19	283	<2	7	1.09	<4	5	16	10	0.92	0.21	2	1.15	487	<1	26	509	46	0.31	<5	42	<10	93	1273	15	21	<10	5	157
43188	1259342	0.082	<1	2.95	32	386	<2	<1	0.87	<4	4	15	38	1.00	0.25	2	0.94	494	<1	32	530	113	0.57	<5	25	<10	74	1311	19	22	<10	5	153
43189	1259343	0.082	<1	2.74	27	318	<2	15	1.33	<4	5	11	61	1.80	0.07	<1	0.98	709	<1	24	444	253	1.22	<5	25	<10	74	1267	30	21	11	5	486
43190	1259344	0.085	<1	1.77	39	194	<2	<1	0.15	<4	4	17	18	1.27	0.22	<1	0.61	370	<1	29	398	110	1.05	<5	29	<10	48	1151	15	20	<10	4	167
43191	1259345	0.093	<1	1.31	34	151	<2	<1	0.34	<4	4	23	6	1.43	0.11	<1	0.90	758	<1	35	437	19	0.63	<5	34	<10	51	1325	17	24	<10	4	67
43192	1259346	0.109	<1	1.97	33	155	<2	<1	0.59	<4	4	14	4	1.56	0.08	2	1.05	935	<1	23	453	26	0.63	<5	22	<10	62	1486	20	26	<10	5	63
43193	1259347	0.233	<1	1.61	74	166	<2	<1	<0.01	<4	3	15	94	1.42	0.31	<1	0.41	221	<1	26	394	212	1.55	<5	30	<10	37	1044	18	18	17	4	978
43194	1259348	0.131	1	2.44	39	219	<2	13	0.24	<4	3	12	41	1.19	0.31	<1	0.77	459	<1	25	429	267	1.10	<5	34	<10	54	1257	10	21	15	5	887

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340557
 Reference: TL13-326
 Sample #: 124

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43195	1259349	0.155	<1	2.98	45	224	<2	<1	0.37	<4	3	14	25	1.14	0.26	<1	0.71	397	<1	24	400	106	0.99	<5	32	<10	61	1270	7	22	<10	5	208
43196D	1259349	0.177	<1	2.31	41	191	<2	<1	0.27	<4	2	13	23	1.03	0.16	<1	0.64	361	<1	23	355	92	0.91	<5	35	<10	54	1148	14	20	<10	4	187
43197	1259350	2.154	<1	1.55	18	187	<2	<1	1.46	<4	14	43	27	3.24	0.20	2	1.30	618	<1	34	517	17	0.06	<5	28	<10	148	2028	13	101	15	13	50
43198	1259351	0.551	<1	1.84	88	224	<2	<1	<0.01	<4	5	20	55	2.44	0.26	<1	0.45	219	2	30	372	117	2.91	<5	34	<10	39	1206	14	24	11	5	551
43199	1259352	0.152	<1	3.52	50	245	<2	19	0.43	<4	3	20	10	1.45	0.10	4	0.74	468	<1	28	446	66	1.35	<5	29	<10	71	1535	3	29	<10	5	86
43200	1259353	0.183	<1	2.31	50	154	<2	4	0.22	<4	4	15	32	1.63	0.12	6	0.92	852	<1	25	420	44	1.34	<5	26	11	51	1413	15	27	<10	5	64
43201	1259354	0.371	<1	2.96	48	177	<2	<1	0.42	<4	4	13	14	1.31	0.22	4	1.03	830	<1	23	420	34	0.93	<5	38	<10	68	1464	6	29	<10	5	89
43202	1259355	0.325	2	3.04	67	220	<2	7	0.20	<4	3	20	45	1.51	0.28	<1	0.71	420	<1	34	324	411	1.69	8	32	<10	57	1191	7	23	14	5	597
43203	1259356	0.282	<1	3.33	59	238	<2	<1	<0.01	<4	5	19	24	1.40	0.24	1	0.57	234	<1	30	347	182	1.68	<5	33	<10	47	1109	17	23	20	5	1201
43204	1259357	0.725	2	2.26	48	309	<2	8	0.21	<4	3	21	30	1.18	0.22	<1	0.46	239	<1	26	350	422	1.35	<5	29	<10	51	878	3	20	13	2	556
43205	1259358	3.500	32	1.54	50	183	<2	14	<0.01	27	5	18	234	2.69	0.11	<1	0.25	110	3	28	226	10668	4.20	35	27	<10	45	774	6	18	100	4	10510
43206	1259359	0.412	1	1.90	27	209	<2	<1	<0.01	9	6	28	176	1.32	0.24	1	0.75	568	<1	33	351	354	0.90	6	30	<10	56	1054	22	24	11	5	983
43207D	1259359	0.469	2	2.35	39	218	<2	<1	0.07	9	6	30	178	1.34	0.28	2	0.78	587	<1	38	360	287	0.91	7	29	<10	63	1088	7	24	14	5	925
43208	1259360	0.023	<1	2.29	21	204	<2	<1	1.58	<4	13	43	21	2.96	0.23	2	1.25	588	<1	31	507	19	0.09	<5	24	<10	175	2029	7	97	19	14	67
43209	1259361	0.038	<1	2.14	25	207	<2	<1	0.09	<4	4	26	7	1.14	0.34	3	0.80	689	<1	36	387	40	0.59	<5	32	<10	61	1219	10	30	<10	5	250
43210	1259362	0.900	26	2.27	32	200	<2	8	0.10	<4	5	21	152	1.23	0.38	3	0.82	683	<1	26	392	196	0.82	<5	33	<10	59	1262	12	28	10	5	149
43211	1259363	0.351	2	2.32	26	230	2	7	0.04	<4	5	21	19	1.30	0.17	3	0.76	706	<1	30	371	35	0.73	<5	22	<10	62	1332	10	29	<10	5	148
43212	1259364	0.335	3	2.93	45	261	<2	14	0.10	<4	9	15	32	1.70	0.05	3	0.65	452	<1	29	397	146	1.67	<5	26	<10	81	1277	31	29	10	6	357
43213	1259365	0.041	<1	0.30	35	165	<2	<1	<0.01	<4	6	13	13	1.12	0.18	<1	0.69	558	<1	23	370	48	0.77	<5	26	<10	29	1032	13	25	<10	4	52
43214	1259366	0.049	1	2.91	33	225	<2	<1	0.09	<4	6	16	12	1.10	0.17	3	0.77	602	<1	22	420	55	0.73	<5	34	<10	79	1234	23	29	<10	5	47

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Final Certificate

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 Fax#: (416) 599-4959
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 Date Completed: 04/12/2013
 Job #: 201340557
 Reference: TL13-326
 Sample #: 124

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43215	1259367	0.156	<1	1.08	20	119	<2	<1	<0.01	<4	5	13	29	1.03	0.11	<1	0.62	439	<1	20	369	42	0.69	<5	32	<10	44	895	<2	22	<10	5	66
43216	1259368	0.012	1	2.75	20	177	2	<1	0.12	<4	4	15	31	0.94	0.29	4	0.64	455	<1	20	399	45	0.46	<5	32	<10	79	1053	16	27	<10	5	53
43217	1259369	0.081	<1	<0.01	28	115	<2	<1	<0.01	<4	6	20	10	1.02	0.35	<1	0.57	381	<1	26	385	22	0.72	<5	23	<10	27	1005	17	24	<10	4	24
43218D	1259369	0.090	<1	1.50	22	144	<2	1	<0.01	<4	6	20	9	1.04	0.30	2	0.63	387	<1	24	397	27	0.72	<5	31	<10	49	1136	12	25	<10	5	17
43219	1259370	4.872	65	<0.01	44	180	<2	<1	0.65	19	12	30	48	2.80	<0.01	<1	0.80	466	<1	29	445	590	0.41	17	27	212	102	1423	6	77	45	11	1793
43220	1259371	0.095	3	1.83	41	120	<2	6	0.09	<4	8	24	22	1.56	0.34	3	0.78	610	<1	26	441	34	0.84	<5	31	<10	54	1430	6	29	<10	6	82
43221	1259372	0.093	2	1.91	38	111	<2	<1	0.22	<4	8	29	24	1.94	0.37	3	1.05	880	<1	29	400	29	0.98	<5	27	<10	58	1463	19	32	<10	6	63
43222	1259373	0.913	28	3.91	34	125	<2	22	1.16	<4	7	31	10	2.16	0.21	9	2.06	1400	<1	31	374	647	1.12	5	25	<10	113	1340	25	31	13	6	1210
43223	1259374	1.422	32	2.87	46	114	<2	<1	0.45	7	7	31	34	2.37	0.24	4	1.59	981	<1	33	433	1298	1.97	<5	31	<10	77	1170	7	31	35	6	2835
43224	1259375	1.674	3	1.49	49	101	<2	<1	<0.01	<4	6	26	23	1.90	0.15	<1	1.45	965	<1	30	445	88	0.99	<5	23	<10	35	1228	18	31	10	5	137
43225	1259376	1.625	10	1.91	61	104	<2	5	<0.01	<4	6	29	20	1.83	0.20	<1	0.75	494	<1	32	352	595	1.86	6	29	<10	44	989	9	26	19	6	1165
43226	1259377	1.175	5	2.68	55	117	<2	17	0.47	<4	5	28	51	1.56	0.21	1	0.77	436	<1	30	340	270	1.66	<5	34	<10	55	917	22	23	16	6	631
43227	1259378	1.173	10	1.74	70	99	<2	3	<0.01	<4	6	23	49	1.39	0.23	<1	0.41	102	1	40	334	348	1.57	<5	35	<10	33	800	20	21	15	4	558
43228	1259379	1.934	5	1.07	62	71	<2	<1	<0.01	<4	8	23	43	1.24	0.41	<1	0.38	<100	1	35	268	210	1.40	7	18	<10	28	659	16	18	<10	4	340
43229D	1259379	1.791	7	2.45	81	101	<2	1	<0.01	<4	8	28	45	1.27	0.28	<1	0.45	<100	1	39	300	209	1.41	8	25	<10	37	763	17	20	11	5	338
43230	1259380	<0.005	<1	2.73	19	232	<2	7	1.73	<4	14	47	20	3.15	0.21	3	1.34	614	<1	35	546	10	0.08	<5	34	<10	192	2179	10	102	21	15	46
43231	1259381	0.789	6	3.09	54	157	<2	<1	<0.01	<4	4	26	19	0.98	0.29	<1	0.55	128	3	35	334	93	0.93	<5	34	<10	41	993	24	25	10	5	204
43232	1259382	1.996	17	3.05	73	153	<2	9	0.10	<4	4	20	90	1.75	0.38	<1	0.56	226	<1	35	303	287	2.04	14	36	<10	43	977	14	23	12	5	549
43233	1259383	5.933	53	2.33	60	109	<2	13	0.28	<4	3	18	41	1.35	0.36	<1	0.97	546	<1	27	318	932	1.28	16	29	<10	54	949	19	19	<10	4	286
43234	1259384	1.019	2	4.72	47	182	2	<1	0.73	<4	3	24	38	1.19	0.31	8	1.12	680	1	40	371	164	0.80	6	40	<10	89	1308	29	23	<10	6	200

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43235	1259385	2.119	5	4.99	71	185	2	12	0.63	<4	3	23	58	1.74	0.23	8	0.93	572	2	39	298	446	1.77	7	33	<10	82	1255	15	23	27	6	1578
43236	1259386	1.320	6	4.55	59	168	<2	<1	0.67	<4	4	26	65	1.68	0.20	7	0.95	544	2	46	275	468	1.60	5	33	<10	80	1236	17	23	26	6	1289
43237	1259387	0.439	5	4.85	51	175	<2	13	0.70	<4	4	40	109	1.70	0.14	7	1.07	589	4	60	342	298	1.51	<5	26	<10	90	1358	7	25	15	6	1049
43238	1259388	0.594	6	3.89	61	162	<2	8	0.05	<4	5	21	61	1.62	0.28	<1	0.53	215	<1	28	420	169	1.63	<5	30	<10	58	1331	36	25	<10	6	404
43239	1259389	0.142	1	4.85	29	185	2	11	1.48	<4	7	24	15	1.90	0.21	6	1.32	657	<1	33	499	31	0.63	<5	21	<10	125	1695	26	31	<10	7	52
43240R	1259389	0.104	<1	3.18	29	239	<2	10	1.63	<4	6	19	23	1.74	0.23	<1	1.14	616	<1	28	483	28	0.62	<5	31	<10	119	1465	7	26	12	4	694
43241	1259390	0.354	2	2.20	60	111	<2	8	0.56	4	12	26	2064	4.78	0.19	11	0.80	1020	13	26	570	77	3.51	<5	29	<10	115	733	19	48	17	7	673
43242	1259391	0.028	<1	3.81	36	77	<2	4	1.80	<4	7	30	36	1.82	0.15	2	1.37	867	<1	40	348	22	0.92	<5	35	<10	82	1263	23	28	18	6	63
43243	1259392	0.022	2	4.19	38	173	<2	16	1.52	<4	11	38	44	2.49	0.22	3	1.30	556	<1	48	530	33	2.30	<5	27	<10	106	1518	12	38	10	8	67
43244	1259393	0.058	<1	4.43	64	371	2	5	0.69	<4	7	13	19	1.92	0.32	3	0.72	319	<1	28	462	91	2.19	<5	35	<10	87	1551	39	29	<10	6	287
43245	1259394	0.075	<1	4.11	46	339	2	1	0.70	<4	7	9	5	2.51	0.29	3	0.77	437	<1	22	467	38	3.04	<5	34	<10	78	1434	20	27	11	6	74
43246	1259395	0.021	<1	5.00	30	364	<2	12	1.58	<4	7	12	6	2.10	0.12	5	1.18	675	<1	28	474	47	1.88	<5	30	<10	91	1393	21	28	<10	7	82
43247	1259396	<0.005	1	5.06	18	271	3	21	1.67	<4	5	24	37	1.73	0.30	10	1.20	661	5	30	385	145	0.83	<5	35	<10	94	1380	20	25	12	7	201
43248	1259397	0.020	1	6.67	46	401	2	15	1.98	<4	8	18	25	2.82	0.25	13	1.52	826	<1	36	506	184	2.47	<5	30	<10	109	1713	16	33	15	8	367
43249	1259398	0.015	<1	7.19	36	348	2	14	2.44	<4	8	17	17	2.05	0.33	12	1.78	912	<1	35	515	27	1.41	5	38	<10	98	1693	23	33	12	8	47
43250	1259399	0.008	<1	7.68	22	339	3	<1	2.64	<4	6	18	8	1.77	0.51	17	1.64	729	<1	34	508	50	0.86	<5	42	<10	115	1901	25	36	<10	8	119
43251D	1259399	0.009	<1	7.81	33	350	2	10	2.68	<4	6	20	8	1.78	0.51	17	1.64	729	<1	41	507	59	0.85	5	34	<10	117	1903	22	37	<10	8	121
43252	1259400	<0.005	<1	1.81	17	180	<2	<1	1.55	<4	13	44	20	3.04	0.48	2	1.28	600	<1	32	513	15	0.07	<5	29	<10	158	2117	21	98	19	14	61
43253	1356151	0.018	<1	2.03	30	170	<2	4	1.36	<4	7	12	<1	1.69	0.24	2	0.95	573	<1	20	514	10	0.98	<5	31	<10	76	1851	18	32	<10	5	56
43254	1356152	0.022	<1	1.35	38	107	<2	5	1.19	<4	6	11	<1	1.49	0.21	1	1.19	614	<1	22	487	17	0.94	<5	36	<10	63	1392	16	27	<10	4	49

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340557
 Reference: TL13-326
 Sample #: 124

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43255	1356153	1.255	1	4.17	46	264	3	13	2.08	<4	7	17	37	2.03	0.26	6	1.50	763	<1	30	458	41	1.74	<5	36	<10	102	1483	21	29	15	6	828
43256	1356154	0.029	<1	5.05	26	401	<2	12	2.16	<4	7	15	2	1.94	0.26	7	1.43	703	<1	28	551	27	1.00	<5	31	<10	142	1728	24	32	12	6	65
43257	1356155	0.022	<1	4.46	41	443	2	<1	1.97	<4	9	28	6	2.02	0.41	6	1.29	548	<1	34	558	80	1.24	5	34	<10	131	1581	27	34	<10	6	84
43258	1356156	0.028	<1	3.12	35	395	2	6	1.82	<4	9	34	7	2.07	0.43	2	1.29	571	<1	39	502	82	1.23	<5	31	<10	123	1463	15	32	<10	5	83
43259	1356157	0.202	8	3.01	53	242	2	16	1.18	13	14	100	145	3.14	0.46	6	1.77	637	5	83	404	1203	2.78	<5	29	<10	80	1557	22	55	46	12	3659
43260	1356158	0.259	2	1.77	40	141	3	11	0.70	8	17	101	45	3.27	0.38	8	2.03	686	<1	73	437	245	2.18	<5	34	<10	54	1477	25	59	28	11	2077
43261	1356159	0.223	<1	1.39	26	128	<2	<1	<0.01	<4	19	119	51	3.58	0.39	5	1.81	454	<1	95	493	76	1.66	<5	32	10	29	1408	<2	73	<10	8	136
43262D	1356159	0.329	<1	2.95	27	262	<2	2	0.29	<4	20	126	52	3.69	0.24	9	1.85	469	1	99	512	84	1.74	<5	21	<10	54	1549	24	79	12	7	127
43263	1356160	1.948	<1	<0.01	23	123	<2	3	1.22	<4	15	44	28	3.39	<0.01	<1	1.30	632	<1	35	539	14	0.08	<5	32	<10	101	2087	16	103	17	13	50
43264	1356161	0.239	<1	3.90	73	328	2	10	0.57	<4	18	117	17	3.67	0.29	12	2.11	430	2	97	496	74	2.03	<5	24	<10	65	1306	25	69	<10	5	241
43265	1356162	0.200	<1	2.77	65	253	3	17	0.67	<4	20	110	41	3.90	0.26	6	1.55	488	<1	91	495	84	2.42	<5	30	<10	66	1468	19	69	<10	7	72
43266	1356163	0.091	1	3.76	29	281	2	29	1.33	<4	20	126	51	3.85	0.18	12	1.70	544	<1	101	490	60	1.30	<5	24	<10	107	1865	15	77	<10	7	71
43267	1356164	0.062	<1	3.19	42	289	<2	17	1.03	<4	18	104	31	3.31	0.18	12	1.85	468	<1	82	435	52	1.20	<5	23	<10	93	1668	29	66	<10	6	100
43268	1356165	0.181	1	4.00	45	236	<2	1	1.46	<4	21	121	26	4.02	0.22	14	2.63	628	<1	88	429	85	2.01	<5	25	<10	103	1671	30	76	<10	7	224
43269	1356166	1.851	4	2.75	55	311	2	<1	1.00	4	11	67	119	2.73	0.14	3	1.48	363	<1	61	401	777	2.21	<5	25	<10	73	1123	16	41	17	5	1182
43270	1356167	0.082	<1	3.36	39	296	<2	2	1.87	<4	7	30	10	1.90	0.27	3	1.69	563	<1	41	455	71	0.95	<5	31	<10	104	1205	26	32	<10	5	124
43271	1356168	0.443	<1	3.35	42	342	<2	2	0.94	<4	6	22	33	1.66	0.33	4	1.42	431	<1	37	442	63	0.83	<5	31	<10	78	1366	14	27	10	3	223
43272	1356169	3.372	2	3.24	52	314	<2	<1	0.74	<4	10	60	54	2.42	0.28	4	1.41	408	1	51	426	195	1.60	<5	24	<10	75	1396	29	39	14	4	663
43273D	1356169	3.475	2	1.29	60	165	<2	<1	0.31	<4	11	56	51	2.49	0.29	<1	1.44	414	<1	53	411	204	1.69	<5	32	<10	53	1221	13	34	13	5	673
43274	1356170	<0.005	<1	0.72	18	232	<2	<1	1.57	<4	12	45	20	2.95	<0.01	<1	1.16	568	<1	32	503	13	0.10	<5	22	<10	135	1977	20	94	18	11	51

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, April 17, 2013


Final Certificate

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 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340557
 Reference: TL13-326
 Sample #: 124

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43275	1356171	0.482	2	2.51	58	209	<2	4	0.67	<4	17	106	175	3.33	0.36	2	1.72	533	1	83	381	174	1.98	<5	27	<10	61	1522	22	53	16	7	638
43276	1356172	1.008	3	3.00	88	270	2	5	1.01	<4	12	70	67	2.76	0.31	<1	0.93	414	<1	65	432	438	2.59	<5	21	<10	59	1261	17	45	19	6	777
43277	1356173	0.202	<1	2.17	46	221	<2	<1	1.06	<4	7	20	11	1.47	0.20	<1	0.96	451	<1	38	461	75	0.97	<5	31	<10	49	1119	20	25	<10	3	77
43278	1356174	0.539	<1	0.80	56	171	<2	<1	0.25	<4	6	17	23	1.50	0.13	<1	0.53	249	<1	35	358	64	1.39	<5	32	<10	34	913	32	19	11	3	396
43279	1356175	0.255	<1	2.83	53	266	<2	2	0.75	<4	16	90	26	2.87	0.13	5	1.55	553	<1	69	383	67	1.73	<5	27	<10	55	1657	15	49	<10	8	139
43280	1356176	0.223	<1	1.98	62	219	<2	<1	0.51	<4	15	89	26	2.71	0.15	2	1.37	508	<1	67	384	61	1.74	<5	25	<10	46	1552	15	48	<10	8	134
43281	1356177	2.330	4	2.08	79	247	<2	10	0.55	<4	12	66	86	2.71	<0.01	2	1.24	438	<1	53	323	269	1.95	<5	33	<10	49	1411	26	39	21	5	981
43282	1356178	2.456	2	2.17	65	227	2	<1	0.67	<4	6	20	44	1.55	0.40	<1	0.72	352	<1	33	406	71	1.32	<5	35	<10	52	1121	14	24	16	3	662
43283	1356179	3.829	15	1.57	93	154	<2	11	0.91	26	7	17	158	2.76	0.39	3	1.05	454	<1	32	379	2467	3.05	11	26	<10	56	1058	19	22	81	4	79
43284D	1356179	4.529	18	2.72	85	234	<2	12	1.19	27	7	22	166	2.83	0.37	6	1.07	463	<1	36	386	2641	3.14	13	21	<10	70	1163	28	25	89	4	8115
43285	1356180	5.278	66	0.67	53	328	<2	9	1.04	20	12	30	50	2.90	<0.01	<1	0.79	476	1	29	463	642	0.43	23	25	214	134	1500	8	78	49	10	1934
43286	1356181	0.170	1	2.78	35	226	<2	<1	1.46	<4	6	15	7	1.78	0.31	6	1.34	546	<1	25	432	69	1.21	<5	31	<10	70	1203	10	25	<10	3	139
43287	1356182	0.109	<1	3.91	33	293	<2	<1	1.51	<4	7	18	16	1.90	0.22	11	1.81	533	<1	34	477	36	0.92	6	23	<10	78	1463	16	27	<10	3	100
43288	1356183	0.211	<1	2.24	42	183	2	<1	1.29	<4	8	17	10	2.11	0.16	4	1.73	578	<1	26	430	69	1.37	<5	26	<10	64	1195	20	24	21	4	1164
43289	1356184	0.659	1	2.35	61	265	<2	<1	1.15	<4	6	21	12	1.51	0.22	4	0.82	342	<1	30	417	52	1.13	<5	37	<10	65	1117	26	23	<10	3	161
43290	1356185	0.763	<1	2.95	30	219	2	<1	1.61	<4	17	110	43	3.32	0.19	7	1.89	598	<1	75	495	57	0.71	<5	32	<10	113	1927	16	58	<10	9	197
43291	1356186	0.229	<1	3.10	26	269	3	<1	0.74	<4	17	109	34	3.40	0.17	13	1.95	488	2	87	451	58	1.32	<5	28	<10	76	1288	17	62	<10	6	159
43292	1356187	0.287	1	3.48	51	279	2	18	0.54	<4	19	122	30	3.77	0.28	20	2.31	484	2	98	482	58	1.45	<5	33	<10	65	1367	22	72	10	6	130
43293	1356188	1.977	5	2.76	24	232	<2	<1	0.58	<4	22	120	47	4.20	0.25	9	1.81	583	<1	103	485	52	1.41	<5	20	<10	55	1816	14	81	<10	7	101
43294	1356189	0.093	<1	3.95	54	291	2	3	1.92	<4	14	72	31	2.72	0.25	7	1.58	842	<1	55	485	45	1.28	<5	23	<10	85	1457	12	52	10	6	77

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Dr. David Brown, VP Quality

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Wednesday, April 17, 2013


Final Certificate

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 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340557
 Reference: TL13-326
 Sample #: 124

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43295D	1356189	0.110	<1	3.89	53	287	2	<1	1.90	<4	12	72	30	2.68	0.30	7	1.57	844	<1	57	484	48	1.29	<5	20	<10	85	1447	13	51	<10	6	73
43296	1356190	0.009	<1	0.17	20	186	<2	<1	1.48	<4	12	46	20	3.06	<0.01	<1	1.20	591	<1	33	509	11	0.07	<5	18	<10	119	2041	2	98	13	12	41
43297	1356191	0.354	1	<0.01	73	122	<2	<1	<0.01	<4	8	22	75	1.60	0.34	<1	0.24	108	<1	36	318	74	1.50	<5	23	<10	23	776	6	20	12	3	303
43298	1356192	1.505	7	2.61	101	311	<2	1	0.43	<4	15	62	105	2.69	0.39	<1	0.44	205	3	73	419	460	2.47	7	33	<10	63	997	10	48	10	5	654
43299	1356193	1.549	<1	2.27	26	161	<2	3	0.79	<4	18	108	53	3.51	0.52	3	1.39	469	<1	86	420	76	1.03	<5	29	<10	92	1539	12	64	<10	8	98
43300	1356194	0.073	2	7.66	70	554	2	24	2.26	<4	18	114	38	3.33	0.30	18	1.41	419	3	88	482	48	0.55	<5	36	<10	171	2244	7	75	<10	6	46
43301	1356195	0.427	2	7.84	50	617	2	17	2.43	<4	22	138	49	4.12	0.33	22	1.33	762	2	101	514	71	1.26	<5	31	<10	147	2901	34	93	11	10	92
43302	1356196	0.450	1	5.38	39	423	<2	12	1.73	<4	18	112	39	3.54	0.12	13	1.15	654	<1	82	442	54	1.07	<5	31	<10	114	2209	22	76	11	9	84
43303	1356197	0.279	1	6.17	65	537	2	3	2.14	<4	18	100	59	2.98	0.14	12	1.28	843	<1	75	477	71	1.43	<5	27	<10	110	2303	27	67	11	10	101
43304	1356198	3.393	6	5.70	95	662	2	20	1.59	<4	17	102	88	2.60	0.24	10	0.81	478	3	78	433	218	1.88	<5	29	<10	103	2281	6	74	11	9	191
43305	1356199	2.458	2	5.12	84	484	<2	<1	2.15	<4	12	80	86	2.42	0.13	8	1.12	665	4	56	425	153	1.77	<5	28	<10	137	1737	22	52	15	8	793
43306R	1356199	2.434	2	6.72	81	668	<2	14	2.58	<4	12	89	72	2.33	0.20	14	1.08	660	5	62	447	143	1.67	5	30	<10	157	2022	17	60	18	7	598
43307	1356200	0.356	3	5.90	58	480	<2	13	1.67	4	11	32	2044	4.85	0.14	20	0.77	1039	16	29	616	86	3.53	<5	28	<10	190	966	30	56	16	5	581
43308	1356201	0.561	1	5.77	59	707	2	2	2.37	<4	7	42	60	1.63	0.17	9	0.93	418	5	41	393	88	1.17	<5	25	<10	171	1540	24	40	11	3	451
43309	1356202	0.070	1	7.49	51	954	2	36	2.52	<4	7	23	3	1.78	0.18	14	0.92	317	1	34	463	47	1.39	<5	31	<10	213	1843	25	35	<10	2	65
43310	1356203	0.050	<1	6.66	39	749	2	9	2.86	<4	7	25	4	1.65	0.16	13	1.12	352	<1	27	468	37	0.75	<5	38	<10	188	1731	17	35	<10	2	136

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
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Monday, April 15, 2013


Final Certificate

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 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340558
 Reference: TL13-327
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43311	1377501	0.015	1	6.87	39	723	<2	11	2.33	<4	6	15	7	1.55	0.21	17	0.83	306	<1	25	537	16	0.62	<5	36	<10	303	1880	19	35	<10	3	25
43312	1377502	0.006	<1	6.88	25	745	2	5	1.98	<4	5	15	5	1.70	0.31	18	0.77	366	<1	28	571	14	0.52	<5	23	<10	298	1962	17	36	<10	3	28
43313	1377503	0.008	1	7.31	26	757	2	7	2.15	<4	4	16	6	1.89	0.32	19	0.72	372	<1	31	496	21	0.45	<5	26	<10	340	1938	18	37	10	2	28
43314	1377504	0.015	<1	6.72	31	693	<2	<1	1.54	<4	5	13	7	1.67	0.36	15	0.71	310	<1	28	528	23	0.52	<5	31	14	288	1505	38	34	<10	2	26
43315	1377505	0.012	1	5.95	33	668	<2	25	1.82	<4	6	11	3	1.55	0.35	14	0.98	367	<1	26	508	24	1.03	<5	24	<10	322	1223	13	33	<10	2	24
43316	1377506	0.009	2	6.34	43	794	2	26	2.30	<4	7	16	10	1.60	0.26	21	0.98	352	<1	35	525	26	1.15	<5	30	20	381	1452	47	36	<10	<2	24
43317	1377507	0.011	<1	4.85	49	622	<2	6	1.61	<4	10	11	7	2.18	0.39	18	1.46	498	<1	24	741	20	1.74	<5	30	<10	278	1376	6	37	11	3	29
43318	1377508	0.010	<1	3.73	40	475	<2	<1	1.62	<4	8	17	15	2.00	0.15	11	1.13	446	<1	30	530	25	1.90	<5	32	<10	203	1314	20	32	<10	4	43
43319	1377509	0.008	<1	2.05	26	380	<2	3	1.50	<4	7	24	5	2.03	0.07	8	1.04	430	2	45	500	14	1.28	<5	30	<10	166	1451	16	31	<10	3	53
43320	1377510	0.005	<1	2.83	20	385	<2	<1	2.11	<4	12	44	19	2.97	0.07	2	1.14	587	<1	32	508	13	0.09	<5	23	<10	193	2223	12	96	13	11	38
43321D	1377510	IS																															
43322	1377511	0.008	1	1.90	21	442	<2	<1	0.90	<4	8	19	5	1.72	0.16	9	0.74	364	<1	38	555	8	0.62	<5	28	<10	111	1646	17	32	<10	3	43
43323	1377512	0.016	2	3.56	22	445	<2	<1	2.08	<4	8	26	7	1.81	0.22	9	0.73	410	<1	41	530	25	0.75	<5	29	<10	205	1944	13	36	<10	3	53
43324	1377513	0.005	2	5.93	20	721	<2	<1	2.92	<4	9	41	8	2.35	0.53	17	1.10	536	5	75	666	21	0.93	5	31	<10	281	2623	9	44	12	4	64
43325	1377514	0.005	1	2.47	27	471	2	<1	1.54	<4	6	17	1	1.72	0.22	9	0.98	479	<1	28	527	12	0.74	6	23	<10	149	1917	15	34	<10	3	43
43326	1377515	0.022	<1	1.60	41	410	<2	9	0.80	<4	9	40	12	2.14	0.02	2	0.82	559	<1	52	540	21	1.76	<5	21	<10	115	1450	16	37	<10	5	34
43327	1377516	0.022	<1	2.54	40	443	<2	6	1.13	<4	9	35	13	2.07	0.37	3	0.82	566	<1	42	531	19	1.72	<5	32	<10	142	1420	26	36	10	5	36
43328	1377517	0.012	1	3.76	35	436	<2	11	1.88	<4	7	16	6	1.74	0.19	8	1.06	642	<1	26	510	25	0.90	<5	28	<10	181	1499	19	29	<10	3	44
43329	1377518	0.012	<1	5.91	35	577	<2	19	2.69	<4	8	16	3	2.19	0.22	12	1.38	809	<1	28	610	34	0.94	<5	32	<10	215	1900	12	38	<10	4	64
43330	1377519	0.009	<1	4.38	26	592	3	14	2.82	<4	8	17	3	2.16	0.16	9	1.54	936	<1	27	531	14	0.65	<5	28	<10	218	1737	10	36	<10	4	42

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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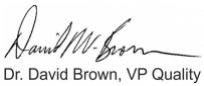
Final Certificate

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 Fax#: (416) 599-4959
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 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340558
 Reference: TL13-327
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43331	1377520	2.016	<1	1.76	22	314	<2	<1	1.92	<4	15	48	29	3.70	<0.01	2	1.33	691	<1	35	568	16	0.08	<5	24	<10	153	2445	5	111	16	12	52
43332D	1377520	IS																															
43333	1377521	0.019	<1	4.62	26	482	<2	10	2.18	<4	14	86	32	2.80	0.12	14	1.26	588	<1	61	479	19	0.45	<5	25	<10	197	2059	21	58	<10	7	48
43334	1377522	0.008	<1	3.68	27	403	<2	12	1.47	<4	20	123	39	3.61	0.19	10	1.37	659	<1	83	455	39	0.76	<5	29	<10	140	1961	9	79	<10	9	71
43335	1377523	0.048	1	5.43	28	457	2	<1	1.96	<4	24	138	50	4.26	0.22	11	1.46	696	<1	96	537	45	1.69	<5	22	<10	154	2195	34	91	13	9	89
43336	1377524	0.040	<1	3.57	54	348	<2	<1	1.15	<4	13	50	23	2.62	0.19	2	0.97	363	<1	49	506	26	1.90	<5	25	<10	94	1360	16	48	<10	5	44
43337	1377525	0.011	<1	4.37	46	377	<2	10	1.90	<4	7	19	10	1.68	0.24	8	1.26	433	<1	24	462	31	0.90	<5	25	<10	109	1161	14	31	<10	3	51
43338	1377526	0.017	<1	2.66	39	357	<2	<1	0.54	<4	6	15	13	1.43	0.35	<1	0.58	226	<1	21	466	17	1.16	<5	36	<10	64	1006	12	28	<10	3	68
43339	1377527	0.029	<1	2.37	37	312	<2	<1	0.59	<4	6	11	8	1.46	0.32	<1	0.53	224	<1	20	422	37	1.30	<5	22	<10	72	791	20	25	<10	3	44
43340	1377528	0.075	1	3.87	51	409	<2	<1	0.79	<4	7	16	29	1.43	0.56	<1	0.48	176	<1	23	539	40	1.38	<5	26	<10	92	889	26	27	<10	3	60
43341	1377529	0.104	<1	1.32	40	266	<2	<1	0.04	<4	6	11	9	1.40	0.45	<1	0.23	<100	<1	20	403	26	1.64	<5	25	<10	57	720	16	22	<10	3	91
43342	1377530	0.016	<1	1.49	15	286	2	<1	1.75	<4	12	43	19	2.97	<0.01	<1	1.12	582	<1	32	505	11	0.09	<5	22	<10	158	2193	9	95	13	11	34
43343D	1377530	IS																															
43344	1377531	0.259	1	2.98	44	425	<2	8	0.35	<4	6	20	17	1.39	0.17	<1	0.22	<100	<1	30	453	31	1.53	<5	25	<10	74	943	19	28	<10	3	47
43345	1377532	0.186	1	1.38	78	331	<2	5	<0.01	<4	14	73	28	2.04	0.24	<1	0.17	<100	<1	65	391	47	2.50	<5	26	<10	43	782	20	48	<10	5	51
43346	1377533	0.262	2	2.34	73	434	<2	<1	0.06	<4	10	52	20	1.79	0.37	<1	0.14	<100	1	49	268	122	2.22	<5	24	<10	55	702	9	36	10	3	788
43347	1377534	0.126	<1	1.29	83	379	<2	8	<0.01	<4	7	8	25	1.67	0.45	<1	0.20	<100	<1	19	471	59	2.02	<5	26	<10	40	688	9	23	<10	3	214
43348	1377535	0.403	<1	2.08	74	451	<2	<1	<0.01	<4	6	13	18	1.32	0.42	<1	0.12	<100	<1	21	357	80	1.52	<5	20	<10	51	756	<2	27	<10	2	139
43349	1377536	0.469	1	3.05	50	511	<2	<1	0.12	<4	6	14	20	1.22	0.46	<1	0.12	<100	<1	21	353	102	1.46	<5	29	<10	65	764	25	27	<10	2	90
43350	1377537	1.117	4	2.55	71	459	<2	<1	0.04	4	5	12	81	1.56	0.51	<1	0.14	<100	<1	18	332	509	1.89	7	29	<10	59	726	18	25	17	2	1242

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Final Certificate

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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340558
 Reference: TL13-327
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43351	1377538	0.144	<1	2.48	55	429	<2	4	0.35	<4	7	22	21	1.35	0.50	<1	0.56	233	<1	29	463	87	1.35	<5	29	<10	60	714	6	32	<10	3	80
43352	1377539	0.553	4	2.25	88	403	<2	<1	<0.01	<4	9	29	24	1.60	0.49	<1	0.19	<100	<1	32	376	263	1.95	<5	23	<10	47	735	13	34	14	2	565
43353	1377540	4.922	64	2.63	43	478	<2	13	1.40	18	12	32	47	2.85	0.21	<1	0.76	468	1	27	479	573	0.45	48	22	215	197	1635	24	81	51	9	1766
43354D	1377540	IS																															
43355	1377541	0.235	<1	3.12	96	435	<2	14	<0.01	4	9	50	20	2.22	0.34	<1	0.19	<100	<1	41	163	76	2.78	<5	29	<10	53	905	12	45	13	2	911
43356	1377542	0.133	3	2.44	50	428	2	5	<0.01	<4	6	19	28	1.15	0.27	<1	0.34	111	<1	31	334	237	1.16	<5	31	<10	48	948	41	29	16	2	938
43357	1377543	0.651	33	1.06	112	262	<2	<1	0.12	10	7	21	122	1.62	0.17	<1	0.40	227	<1	42	361	593	1.86	20	31	<10	43	748	3	21	31	2	2640
43358	1377544	0.183	11	2.73	62	341	<2	<1	0.98	<4	6	25	35	1.52	0.37	<1	0.85	514	<1	45	491	116	1.23	5	27	<10	69	1154	8	28	14	3	327
43359	1377545	0.074	<1	3.50	44	376	<2	<1	1.45	<4	6	22	7	1.49	0.19	2	0.96	629	<1	37	443	47	1.04	<5	26	<10	79	1399	41	28	<10	3	116
43360	1377546	0.587	4	1.60	74	254	<2	<1	0.37	<4	6	24	34	1.64	0.29	<1	0.47	264	<1	44	402	137	1.71	<5	28	<10	55	1053	23	23	15	3	733
43361	1377547	0.293	1	3.63	52	437	<2	<1	1.04	<4	6	15	7	1.33	0.49	<1	0.65	376	<1	39	415	40	1.12	<5	27	<10	84	1285	22	28	<10	3	74
43362	1377548	0.155	<1	4.35	116	333	2	<1	0.79	<4	13	75	27	2.44	2.80	4	0.90	526	4	102	476	45	1.99	<5	21	<10	74	1798	23	58	11	9	76
43363	1377549	0.725	8	1.59	66	248	<2	12	0.49	<4	6	11	102	1.39	0.96	<1	0.56	318	<1	33	396	329	1.19	<5	31	<10	58	1070	21	24	<10	3	149
43364	1377550	0.011	<1	4.36	28	508	<2	11	2.44	<4	14	42	21	3.10	0.48	2	1.19	635	<1	43	533	16	0.09	<5	35	10	276	2725	5	106	21	12	39
43365D	1377550	IS																															
43366	1377551	0.192	2	8.70	77	894	2	10	1.89	<4	7	34	25	1.31	<0.01	17	0.42	182	3	50	479	79	1.10	5	38	<10	144	1978	20	40	15	<2	96
43367	1377552	0.587	2	7.96	95	763	<2	25	1.97	<4	11	91	43	2.28	<0.01	14	0.56	269	4	85	437	116	2.03	<5	22	<10	145	1975	21	57	12	4	437
43368	1377553	0.044	2	8.19	47	915	3	31	3.87	<4	9	45	9	1.98	0.27	21	1.14	525	3	80	525	56	0.76	<5	29	<10	209	2268	17	45	<10	2	69
43369	1377554	0.035	1	7.27	47	759	2	23	3.24	<4	7	40	21	1.85	0.09	17	1.50	660	3	66	472	36	0.65	<5	33	<10	166	1879	12	37	10	2	194
43370	1377555	0.022	2	7.11	44	815	<2	24	3.24	<4	8	38	5	1.70	0.12	19	1.18	591	3	67	459	24	0.44	<5	41	<10	158	1934	26	38	<10	2	36

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Monday, April 15, 2013


Final Certificate

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 Fax#: (416) 599-4959
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Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340558
 Reference: TL13-327
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43371	1377556	0.020	<1	3.55	29	354	<2	<1	2.04	<4	7	29	4	1.74	0.16	3	1.43	626	<1	53	444	15	0.42	<5	30	<10	95	1463	14	30	<10	3	40

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/12/2013
 Date Completed: 03/28/2013
 Job #: 201340559
 Reference: TL13-328
 Sample #: 42

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43372	1356204	0.007	<1	3.75	57	382	<2	<1	0.66	<4	9	18	16	1.27	0.26	5	0.60	181	5	41	575	28	1.02	<5	26	<10	130	1702	16	33	<10	3	82
43373	1356205	0.012	<1	1.31	54	305	<2	<1	0.29	<4	7	26	13	1.53	0.31	2	0.52	217	5	55	570	81	1.35	<5	19	<10	67	1465	24	30	<10	3	272
43374	1356206	<0.005	<1	5.11	42	447	<2	<1	2.75	<4	9	27	8	1.53	0.25	8	1.06	362	1	47	553	21	1.06	<5	42	<10	230	1462	21	33	<10	3	40
43375	1356207	0.063	<1	3.62	47	456	<2	14	1.38	<4	18	115	38	3.61	0.22	6	1.23	726	<1	99	499	36	1.61	<5	26	<10	112	1949	5	71	<10	10	82
43376	1356208	0.011	<1	5.85	47	371	2	<1	2.12	<4	7	26	10	1.77	0.21	9	1.37	422	<1	41	472	21	0.61	<5	29	<10	133	1739	15	35	<10	6	35
43377	1356209	0.016	<1	5.78	40	349	<2	24	1.98	<4	7	27	9	2.00	0.27	10	1.38	543	<1	44	451	23	1.07	<5	32	<10	116	1625	29	34	<10	6	41
43378	1356210	0.006	<1	6.79	29	381	<2	12	2.26	<4	14	50	19	3.26	0.51	11	1.49	668	<1	41	535	8	0.07	<5	29	<10	287	2945	23	110	27	17	35
43379	1356211	0.191	3	5.26	42	471	2	9	<0.01	<4	7	31	27	1.79	0.23	3	0.33	<100	<1	56	445	35	1.68	<5	31	<10	77	1873	11	41	<10	5	266
43380	1356212	0.071	2	6.26	59	571	2	1	0.97	<4	6	37	22	1.91	0.35	11	0.79	306	2	60	409	78	1.54	<5	37	<10	141	1631	14	38	11	7	180
43381	1356213	0.140	2	5.33	62	736	3	<1	0.40	<4	12	75	32	2.39	0.58	12	0.51	150	3	87	376	74	2.35	5	29	<10	121	1778	26	56	<10	7	134
43382D	1356213	0.142	3	4.45	56	747	2	<1	0.41	<4	12	79	32	2.33	0.06	20	0.47	152	5	102	392	75	2.32	<5	30	<10	125	1948	18	58	<10	6	137
43383	1356214	0.260	2	4.09	25	304	<2	<1	1.28	<4	18	126	43	3.47	0.24	10	1.43	715	<1	97	423	120	0.78	<5	33	<10	121	2204	19	72	<10	14	162
43384	1356215	0.865	<1	3.34	21	260	2	<1	1.47	<4	20	118	47	3.75	0.12	8	1.49	684	<1	92	450	39	0.78	<5	28	<10	127	2171	17	69	<10	13	128
43385	1356216	0.029	<1	4.00	22	273	2	3	1.80	<4	19	133	46	3.94	0.15	10	1.61	782	1	105	484	41	0.78	<5	26	<10	145	2295	20	73	<10	14	97
43386	1356217	0.023	<1	3.46	38	272	<2	<1	1.48	<4	10	50	43	2.14	0.26	3	1.08	487	<1	44	491	24	1.18	<5	26	<10	112	1779	8	40	<10	7	37
43387	1356218	0.027	<1	4.21	40	359	<2	<1	1.25	<4	6	26	7	1.85	0.19	3	1.07	516	<1	50	519	37	1.32	<5	29	<10	112	1592	11	30	<10	6	40
43388	1356219	0.179	<1	1.65	48	282	<2	4	0.41	<4	5	17	8	1.58	0.26	<1	0.77	407	<1	36	476	33	1.29	<5	30	<10	61	1139	18	24	13	4	165
43389	1356220	1.854	<1	0.22	26	154	<2	12	1.30	<4	15	44	128	3.42	<0.01	<1	1.32	642	<1	292	519	13	0.07	<5	20	<10	110	2066	<2	104	19	13	51
43390	1356221	0.121	<1	3.11	63	369	<2	24	0.01	<4	6	21	7	1.51	0.50	<1	0.42	138	<1	46	492	37	1.33	<5	26	<10	45	1170	13	28	11	5	59
43391	1356222	0.421	1	1.65	86	298	<2	<1	<0.01	<4	7	18	24	1.56	0.25	<1	0.21	<100	<1	33	397	76	1.61	<5	28	<10	34	798	12	24	<10	3	369

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 Date Received: 03/12/2013
 Date Completed: 03/28/2013
 Job #: 201340559
 Reference: TL13-328
 Sample #: 42

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43392	1356223	19.367	31	1.48	544	249	<2	<1	<0.01	14	6	26	387	2.55	0.35	<1	0.28	<100	1	55	366	1026	2.91	120	26	<10	34	677	11	25	46	3	3698
43393D	1356223	14.901	30	1.52	559	250	<2	<1	<0.01	13	6	26	383	2.54	0.35	<1	0.29	<100	<1	57	369	1035	2.91	121	28	<10	34	680	21	25	44	3	3673
43394	1356224	0.257	<1	1.27	113	220	<2	<1	<0.01	<4	11	55	31	2.02	0.25	<1	0.22	<100	<1	58	308	69	2.15	<5	29	<10	30	635	<2	38	12	4	575
43395	1356225	0.355	<1	4.33	106	371	2	<1	<0.01	<4	14	82	32	2.34	0.26	<1	0.42	<100	3	92	427	127	2.40	<5	31	<10	51	1079	21	59	12	7	279
43396	1356226	0.064	<1	3.74	57	364	2	4	1.14	<4	7	19	15	1.63	0.26	<1	1.11	653	<1	36	444	48	1.12	<5	24	<10	67	1272	20	30	<10	5	92
43397	1356227	0.080	<1	3.78	49	430	2	10	1.05	<4	7	35	18	1.87	0.24	1	1.04	645	3	71	435	49	1.18	<5	36	<10	66	1458	24	31	16	5	108
43398	1356228	0.125	<1	4.08	64	417	2	4	0.81	<4	7	57	24	2.11	0.25	<1	0.89	502	7	111	453	92	1.52	<5	28	<10	73	1427	14	35	10	6	177
43399	1356229	0.453	3	4.84	203	538	3	13	<0.01	<4	27	190	82	4.94	0.54	2	0.45	164	18	236	577	181	4.85	5	33	<10	45	1776	18	105	13	13	94
43400	1356230	0.007	<1	0.51	14	144	<2	<1	1.25	<4	12	41	17	2.85	0.11	<1	1.16	545	<1	33	467	8	0.09	<5	25	<10	122	1929	5	91	13	13	37
43401	1356231	0.535	2	3.82	85	352	<2	6	0.37	<4	10	75	40	2.14	0.38	<1	0.67	296	8	116	394	89	1.74	<5	28	<10	58	1520	16	47	10	7	150
43402	1356232	0.106	<1	4.02	60	330	<2	1	1.21	<4	8	39	8	1.91	0.32	3	1.09	600	4	76	424	31	1.20	<5	34	<10	75	1553	17	31	<10	5	40
43403	1356233	0.162	<1	3.32	61	292	<2	2	0.65	<4	7	39	9	1.88	0.41	<1	0.77	435	5	81	416	27	1.49	<5	28	<10	62	1484	9	29	10	5	32
43404D	1356233	0.112	<1	2.36	51	269	<2	<1	0.54	<4	8	43	10	1.92	0.17	<1	0.72	429	5	91	403	31	1.54	<5	32	<10	55	1380	23	28	<10	5	33
43405	1356234	0.239	<1	2.54	65	269	2	14	0.40	<4	6	21	18	1.77	0.34	<1	0.65	361	<1	44	360	48	1.64	<5	31	<10	56	1297	13	26	10	4	116
43406	1356235	0.352	2	2.70	50	283	<2	<1	0.75	<4	7	29	27	1.75	0.41	<1	0.76	452	3	61	344	205	1.40	<5	30	<10	65	1335	13	26	18	4	904
43407	1356236	0.326	1	4.01	58	301	<2	5	0.94	<4	5	19	34	1.62	0.26	3	0.88	492	<1	41	413	116	1.23	<5	27	<10	73	1452	27	27	14	6	664
43408	1356237	0.130	<1	1.93	87	231	<2	<1	0.34	<4	13	57	31	2.19	0.36	<1	0.60	326	<1	62	339	52	2.13	<5	27	<10	49	1533	21	41	<10	7	227
43409	1356238	0.075	<1	2.58	67	265	<2	<1	0.70	<4	8	29	30	1.79	0.23	<1	0.74	373	<1	35	415	29	1.36	<5	27	<10	59	1469	16	31	<10	6	68
43410	1356239	0.227	2	4.22	62	335	<2	<1	0.51	<4	7	18	42	1.69	0.27	4	0.72	336	<1	32	389	144	1.47	<5	25	<10	67	1579	22	31	14	6	167
43411	1356240	4.893	64	0.94	54	258	<2	52	0.82	19	12	31	49	2.98	0.35	<1	0.86	485	<1	31	468	600	0.43	20	25	220	132	1577	12	81	49	11	1832

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Dr. David Brown, VP Quality

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Monday, April 15, 2013

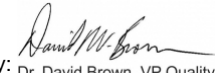
Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Ph#: (416) 599-4133
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/12/2013
 Date Completed: 03/28/2013
 Job #: 201340559
 Reference: TL13-328
 Sample #: 42

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43412	1356241	0.427	1	4.39	64	312	<2	5	0.20	<4	5	15	27	1.34	0.26	3	0.59	206	<1	26	381	44	1.17	<5	29	<10	57	1499	19	29	11	6	104
43413	1356242	0.109	<1	4.71	64	278	<2	4	0.70	<4	13	70	44	2.79	0.33	9	1.82	654	<1	58	428	32	1.32	<5	30	<10	72	1974	21	55	<10	11	148
43414	1356243	0.314	<1	4.63	99	315	<2	<1	0.66	<4	14	51	30	2.36	0.36	6	0.99	412	<1	46	428	33	1.93	<5	33	<10	68	1783	26	46	10	8	175
43415D	1356243	0.233	<1	2.89	95	298	<2	13	0.52	<4	15	55	31	2.42	0.44	<1	0.91	414	<1	50	420	33	2.00	<5	26	<10	56	1706	17	44	<10	7	183
43416	1356244	0.091	<1	3.60	56	305	2	<1	1.16	<4	13	50	41	2.72	0.54	4	1.43	627	<1	50	435	47	1.71	<5	32	<10	75	1914	16	50	11	8	382
43417	1356245	0.046	<1	4.44	41	430	2	24	2.09	<4	11	40	36	2.59	0.36	3	1.50	770	<1	41	564	40	1.44	<5	23	<10	99	1744	24	42	<10	8	87

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Friday, May 10, 2013


Final Certificate

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Date Received: 04/01/2013
 Date Completed: 05/10/2013
 Job #: 201340710
 Reference: TL13-328
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
54931	1356223	8.688	8.695	374.738	17.213	2.33%	23.28

PROCEDURE CODES: ALPM1

Certified By: 
 Dr. David Brown, VP Quality

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Tuesday, April 16, 2013


Final Certificate

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Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340560
 Reference: TL13-329
 Sample #: 48

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43418	1377557	<0.005	<1	5.15	35	352	<2	7	1.40	<4	7	12	6	1.91	0.37	11	1.02	401	<1	23	482	11	1.32	<5	36	<10	201	1608	16	31	<10	6	40
43419	1377558	0.006	<1	1.40	30	271	<2	2	0.89	<4	5	13	10	1.56	0.33	2	0.64	388	<1	21	459	10	1.17	<5	31	<10	133	1174	7	27	<10	5	22
43420	1377559	0.005	<1	2.60	30	346	<2	3	0.34	<4	6	8	7	1.46	0.31	7	0.66	338	<1	19	503	12	1.03	<5	30	<10	109	1394	32	29	<10	5	26
43421	1377560	0.376	2	2.25	58	125	<2	22	0.54	4	13	29	2088	5.11	0.42	13	0.81	1028	13	26	618	73	3.56	<5	32	<10	114	736	24	50	12	7	556
43422	1377561	<0.005	<1	2.84	20	358	<2	15	0.85	<4	9	15	16	2.04	0.42	8	0.93	452	<1	25	491	15	1.50	<5	25	<10	185	1583	20	34	<10	6	34
43423	1377562	0.010	<1	1.28	31	261	<2	5	0.51	<4	10	30	6	2.20	0.44	8	0.90	469	<1	32	544	7	1.57	<5	29	<10	106	1624	10	43	<10	6	48
43424	1377563	0.199	<1	1.77	70	314	<2	<1	0.21	<4	12	40	36	2.52	0.14	<1	0.67	398	<1	48	449	55	2.33	<5	21	<10	63	1480	17	42	<10	6	237
43425	1377564	0.066	1	4.51	42	376	<2	10	1.42	<4	14	69	38	2.60	0.32	6	1.03	587	<1	58	478	103	1.60	<5	27	<10	118	2052	12	57	<10	10	340
43426	1377565	0.011	<1	1.65	34	314	<2	<1	0.32	<4	8	14	12	1.58	0.15	<1	0.72	294	<1	23	424	19	0.81	<5	25	<10	61	1625	9	30	<10	4	47
43427	1377566	0.064	2	3.00	44	322	<2	<1	1.03	<4	7	15	17	1.78	0.42	2	0.97	356	<1	27	436	36	1.06	<5	18	<10	97	1552	5	30	<10	5	112
43428D	1377566	0.066	2	1.62	28	278	<2	7	0.75	<4	7	16	17	1.73	0.51	<1	0.92	344	<1	25	424	30	1.01	<5	31	<10	76	1423	14	28	10	4	120
43429	1377567	1.430	35	1.34	47	274	<2	<1	0.37	<4	6	20	46	1.51	0.47	<1	0.61	219	<1	39	462	428	1.28	5	28	<10	62	1180	22	24	10	5	355
43430	1377568	0.074	1	2.69	29	332	<2	<1	1.49	<4	8	40	18	2.30	0.39	2	1.16	656	<1	52	549	42	0.94	<5	36	<10	158	1538	8	37	<10	6	94
43431	1377569	0.027	<1	5.61	29	439	2	<1	1.74	<4	7	25	8	1.92	0.38	9	1.15	562	<1	51	505	37	0.70	<5	35	<10	159	1697	18	30	<10	7	55
43432	1377570	0.006	<1	1.55	20	176	<2	<1	1.45	<4	13	42	18	2.96	0.47	<1	1.24	582	<1	31	491	11	0.06	<5	21	<10	147	2086	17	96	17	13	37
43433	1377571	0.136	1	4.19	41	432	<2	15	0.72	<4	8	37	64	1.80	0.49	3	0.71	324	4	62	490	43	1.11	<5	33	<10	100	1647	8	32	<10	6	116
43434	1377572	0.188	1	4.32	52	409	<2	<1	1.25	<4	8	44	17	2.04	0.37	4	0.98	458	2	68	457	73	1.36	<5	24	<10	100	1637	14	34	<10	7	208
43435	1377573	0.152	<1	4.38	81	339	<2	6	0.56	<4	12	84	28	2.31	0.43	3	0.75	309	3	83	437	46	2.28	<5	28	<10	73	1610	<2	52	11	10	134
43436	1377574	0.122	<1	4.70	71	251	2	4	0.62	<4	9	43	23	1.85	0.46	4	0.76	248	3	55	421	28	1.46	<5	30	<10	74	1628	18	37	<10	7	50
43437	1377575	0.029	<1	5.68	44	268	<2	31	1.86	<4	8	53	12	2.05	0.44	7	1.35	581	3	74	496	29	0.96	<5	31	<10	101	1768	17	36	<10	6	34

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
 Dr. David Brown, VP Quality

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Tuesday, April 16, 2013


Final Certificate

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 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340560
 Reference: TL13-329
 Sample #: 48

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43438	1377576	0.035	<1	6.35	47	298	<2	16	1.93	<4	9	47	10	2.09	0.49	9	1.37	586	4	82	501	30	0.91	<5	25	<10	106	1838	28	37	<10	7	34
43439D	1377576	0.035	<1	7.83	41	346	<2	4	2.00	<4	8	43	9	2.00	0.63	14	1.39	562	5	78	472	20	0.90	<5	23	<10	116	2023	27	39	<10	8	30
43440	1377577	0.069	<1	8.02	65	292	<2	<1	1.97	<4	11	48	20	2.70	0.84	15	1.64	612	<1	66	466	51	1.74	<5	37	<10	114	1771	27	47	<10	9	44
43441	1377578	0.151	<1	6.38	98	257	<2	4	0.09	<4	20	146	26	2.93	0.72	6	0.76	183	5	123	466	59	2.51	<5	28	<10	61	1515	19	83	<10	10	43
43442	1377579	0.951	2	7.22	100	310	<2	11	0.04	<4	12	100	61	2.92	0.62	8	0.56	110	7	96	496	256	2.96	<5	32	<10	66	1359	12	57	17	8	881
43443	1377580	1.647	1	6.02	14	374	2	11	2.18	<4	15	51	30	3.68	0.58	10	1.55	717	<1	39	569	10	0.08	<5	33	<10	263	2846	16	119	20	17	53
43444	1377581	0.160	<1	9.09	79	410	2	8	0.26	<4	6	52	10	1.45	0.57	14	0.58	<100	5	72	396	61	1.26	<5	37	<10	87	1400	4	39	14	8	181
43445	1377582	1.004	7	8.60	131	403	2	7	0.25	<4	6	50	82	1.68	0.30	15	0.55	<100	7	81	375	418	1.62	56	45	<10	86	1307	19	36	13	7	479
43446	1377583	0.080	2	8.66	71	485	2	8	0.74	<4	5	55	19	1.84	0.42	17	0.84	301	8	104	417	153	1.55	11	32	<10	92	1464	22	40	11	7	135
43447	1377584	0.059	<1	6.49	71	402	<2	24	0.53	<4	9	52	31	1.67	0.21	17	0.70	221	3	77	362	52	1.50	<5	29	<10	85	1444	22	48	<10	6	180
43448	1377585	0.771	4	1.10	375	167	<2	3	<0.01	17	8	55	517	2.64	0.46	<1	0.25	<100	7	62	317	448	2.99	18	28	29	25	740	15	30	64	6	3742
43449	1377586	0.709	4	0.98	134	159	<2	<1	<0.01	6	4	37	107	1.49	0.68	<1	0.22	<100	<1	49	238	367	1.49	24	21	<10	24	634	10	16	19	5	1723
43450D	1377586	0.674	4	1.50	113	185	<2	<1	<0.01	5	3	41	69	1.50	0.86	<1	0.25	<100	2	53	247	345	1.51	20	32	<10	26	683	14	17	20	5	1501
43451	1377587	0.174	2	1.86	54	275	<2	3	0.19	<4	9	63	26	1.81	0.87	<1	0.78	317	3	71	453	211	1.30	<5	28	<10	40	1157	14	36	11	8	388
43452	1377588	0.138	<1	2.41	57	262	2	21	0.77	<4	16	108	33	3.07	0.82	<1	1.23	569	8	103	452	35	1.70	<5	21	<10	56	1754	5	54	<10	10	78
43453	1377589	0.124	1	4.77	75	327	<2	11	0.87	<4	15	110	35	2.49	0.69	8	1.15	560	4	94	472	48	1.67	<5	24	<10	64	2172	8	62	<10	11	130
43454	1377590	<0.005	<1	1.33	17	176	<2	3	1.29	<4	10	37	15	2.61	0.35	<1	1.09	513	<1	27	420	7	0.06	<5	21	<10	155	1869	17	85	14	12	34
43455	1377591	0.332	7	4.85	55	305	<2	1	0.96	<4	6	27	184	1.38	0.51	7	0.90	321	1	44	394	1177	0.80	<5	30	<10	58	1625	21	31	<10	6	199
43456	1377592	0.274	3	4.95	99	349	<2	9	0.37	4	10	58	30	2.53	0.37	6	0.82	321	2	66	411	456	2.38	<5	32	<10	56	1769	25	49	21	7	1201
43457	1377593	1.146	1	4.59	123	248	<2	<1	0.25	<4	16	113	49	3.34	0.37	4	0.75	267	4	100	392	82	3.29	<5	25	<10	62	1602	24	69	10	10	136

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Dr. David Brown, VP Quality

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Tuesday, April 16, 2013

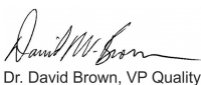
Final Certificate

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 Date Received: 03/12/2013
 Date Completed: 04/12/2013
 Job #: 201340560
 Reference: TL13-329
 Sample #: 48

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
43458	1377594	0.258	<1	5.32	97	250	<2	11	0.57	<4	14	109	36	2.58	0.33	6	0.86	324	1	80	360	70	2.25	<5	33	<10	71	1534	28	60	<10	11	135
43459	1377595	0.286	<1	6.63	98	325	2	<1	0.52	<4	15	138	31	2.67	0.41	14	1.01	319	8	121	391	36	1.95	<5	18	10	65	2058	39	74	<10	14	42
43460	1377596	0.266	<1	4.21	102	292	<2	7	0.27	<4	16	123	31	2.55	0.37	6	0.87	288	5	108	380	33	1.93	<5	27	<10	46	1869	13	68	<10	13	49
43461D	1377596	0.251	1	6.99	102	365	2	15	0.47	<4	15	129	29	2.49	0.45	15	0.97	291	6	107	379	35	1.84	7	37	<10	64	2160	29	77	<10	14	50
43462	1377597	0.163	1	1.97	71	107	<2	21	0.58	<4	14	112	86	2.94	0.48	<1	1.13	410	6	109	283	297	2.02	<5	27	<10	50	1235	20	47	16	10	812
43463	1377598	0.178	<1	4.01	61	190	<2	9	0.60	<4	18	130	49	3.69	0.59	5	1.71	558	2	97	424	77	2.01	<5	24	<10	71	2034	11	68	<10	11	144
43464	1377599	0.055	<1	2.80	44	274	<2	4	1.51	<4	8	16	23	1.90	0.67	3	1.07	488	<1	21	446	40	0.80	<5	30	<10	83	1620	19	32	<10	5	90
43465	1377600	4.921	64	2.00	53	300	<2	<1	0.93	18	12	31	45	2.92	0.54	<1	0.87	480	<1	27	466	583	0.41	41	26	218	169	1632	11	81	49	12	1739
43466	1377601	0.043	<1	3.54	35	382	<2	<1	1.71	<4	5	15	17	1.63	0.38	6	1.17	480	<1	20	433	43	0.60	<5	27	<10	88	1533	16	31	21	5	166
43467	1377602	0.037	3	2.72	23	214	2	31	2.54	6	6	15	311	3.02	0.37	<1	1.58	709	<1	22	358	436	1.70	<5	26	<10	117	1385	12	29	28	6	2262
43468	1377603	0.006	<1	1.27	31	112	<2	4	1.36	<4	4	29	42	1.19	0.26	<1	1.08	579	<1	25	247	41	0.32	<5	24	<10	84	935	13	21	22	4	414
43469	1377604	0.007	<1	2.76	20	190	<2	<1	0.85	<4	5	33	18	1.22	0.15	2	0.82	319	<1	35	336	16	0.28	<5	24	<10	90	1208	18	24	<10	5	44

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Dr. David Brown, VP Quality

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 Date Completed: 04/01/2013
 Job #: 201340595
 Reference: TL13-330
 Sample #: 98

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46497	1356246	<1	2.63	12	282	2	9	0.85	<4	5	15	16	1.51	0.36	9	0.78	673	<1	14	467	36	0.78	<5	<5	<10	79	1266	<2	28	10	5	115
46498	1356247	<1	2.23	8	282	<2	12	0.46	<4	3	12	7	1.02	0.45	6	0.46	287	<1	14	422	16	0.67	<5	9	<10	63	1186	<2	22	<10	4	36
46499	1356248	<1	2.60	6	327	<2	28	0.75	<4	7	19	16	1.13	0.49	8	0.53	432	3	22	406	14	0.44	<5	<5	<10	71	1284	<2	24	<10	4	45
46500	1356249	3	3.14	14	349	<2	14	0.91	<4	5	17	25	1.28	0.49	9	0.54	507	3	14	376	101	0.60	<5	<5	<10	86	1343	2	25	<10	4	233
46501	1356250	<1	3.27	4	355	<2	22	1.93	<4	12	48	19	2.84	0.17	8	1.09	565	2	23	489	9	0.06	<5	<5	<10	218	2289	5	98	26	14	44
46502	1356251	<1	2.58	4	335	2	9	1.00	<4	4	20	37	1.29	0.38	8	0.62	518	3	19	379	22	0.38	<5	5	<10	78	1221	<2	25	<10	4	50
46503	1356252	<1	3.22	14	341	<2	26	1.12	<4	5	20	11	1.36	0.29	8	0.68	629	2	20	417	28	0.54	<5	<5	<10	80	1356	<2	26	<10	4	93
46504	1356253	45	2.05	50	286	2	23	0.18	18	5	23	260	2.55	0.28	4	0.24	176	5	22	216	2776	2.89	52	<5	<10	39	1107	<2	23	78	3	4938
46505	1356254	<1	2.36	18	273	<2	4	0.77	<4	6	22	19	1.09	0.29	7	0.72	592	3	26	407	57	0.47	<5	<5	<10	66	1321	<2	24	<10	4	102
46506	1356255	<1	2.79	12	302	<2	12	0.52	<4	5	19	26	1.22	0.33	9	0.46	408	2	20	468	26	0.56	<5	<5	<10	48	1449	<2	26	<10	4	62
46507D	1356255	<1	4.25	14	411	<2	24	0.79	<4	7	22	27	1.35	0.40	13	0.50	479	3	21	500	28	0.60	<5	6	<10	70	1864	<2	34	<10	4	58
46508	1356256	<1	3.60	13	353	<2	16	0.61	<4	7	16	24	1.28	0.47	10	0.46	415	2	17	425	22	0.62	<5	<5	<10	55	1603	<2	29	<10	4	56
46509	1356257	<1	2.63	36	271	<2	9	0.60	<4	5	22	43	1.22	0.40	7	0.55	616	2	17	367	41	0.74	<5	<5	<10	52	1426	<2	26	12	4	574
46510	1356258	1	2.71	29	272	<2	19	0.55	<4	6	20	27	1.30	0.43	8	0.54	538	<1	18	383	34	0.88	<5	<5	<10	56	1450	<2	27	<10	4	191
46511	1356259	2	3.01	27	354	<2	25	0.68	<4	7	29	38	1.57	0.36	9	0.52	454	2	20	474	74	1.06	<5	8	<10	72	1521	<2	29	<10	4	135
46512	1356260	2	3.13	45	267	<2	18	0.92	5	12	34	2043	4.59	0.41	22	0.63	980	16	17	575	76	2.91	<5	<5	<10	140	848	<2	54	18	6	550
46513	1356261	1	3.18	26	318	<2	51	0.90	<4	5	38	32	1.40	0.51	11	0.52	579	4	24	273	38	0.74	<5	5	<10	91	1342	<2	29	<10	3	111
46514	1356262	<1	2.74	9	274	<2	41	0.74	<4	6	29	14	1.21	0.44	10	0.63	614	2	27	340	31	0.54	<5	<5	<10	75	1382	<2	28	<10	4	79
46515	1356263	2	3.10	18	310	2	15	0.80	<4	6	24	13	1.36	0.21	11	0.66	645	1	16	372	24	0.71	<5	<5	<10	82	1523	2	32	<10	4	56
46516	1356264	2	2.21	8	274	<2	7	0.41	<4	9	17	10	0.89	0.25	8	0.70	473	<1	18	369	31	0.28	<5	<5	<10	54	1245	<2	27	<10	3	135

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46517	1356265	5	2.95	12	268	<2	<1	0.48	<4	5	18	19	1.21	0.42	11	1.08	548	<1	14	390	31	0.50	<5	<5	<10	70	1332	2	29	<10	4	131
46518D	1356265	5	3.11	9	295	<2	20	0.60	<4	5	19	19	1.22	0.31	12	1.04	545	1	13	391	32	0.52	<5	11	<10	82	1410	<2	32	<10	3	129
46519	1356266	2	2.66	16	263	<2	26	0.81	<4	5	28	15	1.24	0.38	7	0.51	387	2	16	296	19	0.75	<5	11	<10	85	1085	3	28	<10	4	45
46520	1356267	2	3.62	4	335	2	19	0.87	<4	7	25	18	1.51	0.36	13	0.70	415	2	18	410	18	0.42	<5	12	<10	100	1428	<2	35	<10	4	42
46521	1356268	<1	3.27	8	391	<2	21	0.58	<4	13	14	13	1.68	0.32	17	0.79	432	<1	16	420	9	0.44	<5	9	<10	70	1641	3	37	<10	5	105
46522	1356269	<1	4.52	11	502	<2	<1	1.01	<4	6	17	11	1.22	0.29	22	0.66	395	<1	9	465	19	0.32	<5	10	<10	128	2140	<2	42	<10	4	57
46523	1356270	<1	4.07	5	390	2	22	2.05	<4	13	50	20	2.85	0.13	9	1.07	578	3	21	486	7	0.06	<5	<5	<10	239	2413	<2	100	22	14	44
46524	1356271	1	4.24	25	367	2	25	1.45	<4	7	18	13	1.91	0.30	18	0.79	617	2	14	409	30	1.19	<5	17	<10	123	2007	<2	39	<10	5	77
46525	1356272	6	3.83	11	254	<2	29	1.51	<4	5	21	19	1.38	0.35	13	0.73	543	2	18	355	69	1.10	<5	<5	<10	103	1513	<2	30	<10	4	280
46526	1356273	96	1.98	26	287	<2	16	<0.01	<4	8	18	25	1.57	0.46	9	0.15	<100	4	17	248	337	1.78	24	9	<10	32	1326	<2	28	11	2	551
46527	1356274	38	3.41	15	333	<2	23	1.12	<4	7	18	15	0.97	0.38	14	0.66	191	2	20	328	82	0.84	8	6	<10	138	1518	<2	33	<10	3	50
46528	1356275	2	2.81	8	244	2	50	0.86	<4	4	18	9	0.73	0.40	11	0.51	181	2	12	299	18	0.61	<5	11	<10	93	1108	<2	22	<10	3	26
46529D	1356275	2	3.22	9	278	<2	8	1.22	<4	4	15	9	0.74	0.49	11	0.51	189	2	12	305	21	0.62	<5	<5	<10	131	1230	<2	25	<10	3	23
46530	1356276	1	3.07	11	267	<2	8	1.15	<4	3	12	6	0.69	0.44	10	0.50	180	2	11	297	21	0.57	<5	8	<10	126	1174	<2	24	<10	3	33
46531	1356277	11	3.56	13	182	2	5	1.56	<4	3	16	5	1.66	0.36	9	0.66	334	2	14	301	36	1.61	<5	6	<10	128	1001	2	19	<10	5	120
46532	1356278	<1	5.18	9	324	<2	<1	1.90	<4	3	15	1	1.33	0.49	17	0.96	444	3	14	332	13	0.93	<5	6	<10	173	1306	4	24	<10	4	17
46533	1356279	<1	5.31	8	290	2	13	2.47	<4	3	14	6	1.48	0.42	16	1.28	506	2	14	298	17	0.71	<5	8	<10	190	1268	<2	26	<10	5	25
46534	1356280	<1	3.12	6	356	2	23	1.99	<4	14	51	28	3.28	0.13	9	1.21	636	2	26	527	11	0.06	<5	<5	<10	203	2308	8	107	23	14	54
46535	1356281	2	4.27	16	237	<2	39	2.01	<4	19	118	41	3.26	0.47	21	1.23	553	6	61	407	22	0.87	<5	<5	<10	180	2097	2	68	12	11	76
46536	1356282	1	5.24	20	409	2	19	2.45	<4	12	52	30	2.00	0.37	21	0.63	410	5	38	590	18	1.16	5	13	<10	231	1974	<2	53	<10	6	31

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46537	1356283	<1	4.65	22	285	<2	20	2.53	<4	6	15	12	1.31	0.52	14	0.93	444	2	18	564	9	0.85	<5	6	<10	162	1519	<2	31	<10	6	17
46538	1356284	<1	4.11	19	348	<2	20	1.87	<4	9	12	6	1.25	0.57	15	0.68	269	2	15	511	10	0.83	<5	11	<10	157	1539	<2	31	<10	5	17
46539	1356285	<1	3.83	9	342	2	16	1.93	<4	7	12	8	1.09	0.50	15	0.80	318	1	14	505	11	0.47	<5	8	<10	165	1429	<2	30	<10	4	14
46540D	1356285	<1	3.47	13	307	<2	15	1.81	<4	8	11	9	1.08	0.53	14	0.80	311	1	14	495	10	0.48	<5	14	<10	153	1359	2	27	<10	4	13
46541	1356286	<1	3.83	13	313	<2	26	1.73	<4	7	17	11	0.77	0.40	13	0.86	272	2	22	519	14	0.19	<5	11	<10	158	1352	<2	27	<10	5	8
46542	1356287	<1	3.78	19	359	<2	31	1.40	<4	7	13	8	1.16	0.44	15	0.73	275	2	14	490	14	0.64	<5	11	<10	192	1556	3	30	<10	4	18
46543	1356288	<1	3.71	14	397	<2	14	1.70	<4	6	15	5	1.74	0.37	12	0.73	391	2	15	482	13	0.67	<5	<5	<10	258	1444	3	27	<10	5	30
46544	1356289	<1	4.19	9	371	<2	25	1.60	<4	6	16	7	1.93	0.28	14	0.62	407	3	19	526	11	0.74	<5	7	<10	221	1388	<2	29	<10	6	32
46545	1356290	<1	2.78	9	338	<2	<1	1.94	<4	13	49	19	2.91	0.08	7	1.09	573	1	23	495	10	0.06	<5	7	<10	214	2240	<2	100	23	14	48
46546	1356291	<1	2.33	22	403	<2	31	0.43	<4	7	13	8	2.11	0.34	12	0.41	269	<1	15	554	12	1.78	<5	<5	<10	105	1127	<2	30	<10	5	35
46547	1356292	<1	3.13	18	396	<2	<1	0.83	<4	6	14	7	1.61	0.33	12	0.57	358	2	16	477	14	1.24	<5	5	<10	167	1002	<2	31	<10	5	36
46548	1356293	<1	2.68	14	428	<2	21	0.43	<4	5	12	5	1.48	0.42	11	0.34	210	<1	15	574	11	1.30	<5	<5	<10	119	1111	<2	28	<10	5	33
46549	1356294	<1	3.44	16	382	<2	21	0.97	<4	6	11	3	1.85	0.46	13	0.45	314	<1	10	486	17	1.65	<5	7	<10	150	1215	<2	32	<10	5	44
46550	1356295	<1	2.83	8	31	<2	14	0.29	<4	<1	7	<1	0.05	1.34	<1	0.15	<100	1	2	<100	<1	0.18	6	<5	<10	27	<100	15	<2	<10	2	2
46551D	1356295	<1	1.12	<2	528	<2	19	0.08	<4	<1	<1	<1	<0.01	0.23	2	<0.01	<100	2	<1	<100	3	<0.01	<5	<5	<10	<3	<100	<2	<2	<10	<2	<1
46552	1356296	<1	1.85	13	314	<2	<1	0.96	<4	6	16	6	1.96	0.25	19	0.80	532	<1	11	498	11	1.37	<5	6	<10	125	1299	<2	32	<10	5	48
46553	1356297	<1	3.56	24	396	2	13	1.41	<4	12	53	42	2.18	0.38	11	0.78	486	<1	35	454	39	1.04	<5	8	<10	97	1578	<2	43	<10	8	104
46554	1356298	<1	4.26	13	458	<2	4	1.78	<4	7	15	10	1.50	0.28	11	0.76	349	<1	13	434	20	0.35	<5	10	<10	113	1593	2	33	<10	5	66
46555	1356299	2	3.09	27	448	<2	14	0.64	<4	7	16	9	1.49	0.21	5	0.47	240	<1	14	421	54	1.03	<5	<5	<10	73	1384	<2	30	<10	5	92
46556	1356300	68	2.31	34	408	<2	14	1.22	20	13	34	48	2.62	0.20	6	0.72	455	4	20	451	567	0.34	53	6	223	183	1618	<2	78	70	11	1781

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46557	1356301	6	4.04	39	583	<2	28	0.88	<4	9	30	47	1.98	0.30	8	0.59	337	1	22	442	109	1.64	<5	6	<10	95	1502	<2	36	10	6	277
46558	1356302	1	3.68	16	494	<2	12	1.63	<4	7	16	31	1.70	0.40	10	0.84	571	<1	13	493	90	0.57	<5	8	<10	115	1504	3	35	10	5	308
46559	1356303	<1	3.28	16	379	2	16	1.54	<4	20	102	50	3.43	0.40	10	0.99	564	3	60	405	37	1.38	<5	5	<10	108	1888	2	63	<10	12	151
46560	1356304	12	2.30	65	936	<2	8	<0.01	6	5	21	74	1.55	0.35	3	0.13	<100	7	18	304	664	1.53	5	<5	<10	45	1210	<2	28	34	3	1895
46561	1356305	2	2.40	70	905	2	14	<0.01	<4	5	17	48	1.53	0.34	2	0.12	<100	4	16	336	45	1.49	<5	7	<10	42	1142	<2	25	14	3	476
46562R	1356305	2	2.19	69	878	<2	17	<0.01	<4	5	15	45	1.54	0.39	2	0.12	<100	3	16	320	35	1.52	<5	5	<10	41	1130	<2	24	10	3	399
46563	1356306	<1	2.89	30	431	<2	16	0.61	<4	6	11	18	1.12	0.39	7	0.45	206	2	12	419	19	0.74	<5	<5	<10	61	1479	<2	30	<10	3	62
46564	1356307	<1	3.74	47	319	2	18	1.12	<4	7	12	9	1.70	0.33	9	0.62	304	1	13	461	18	1.18	<5	11	<10	82	1510	<2	28	<10	5	46
46565	1356308	<1	4.40	30	300	<2	30	2.30	<4	7	15	8	1.77	0.47	8	1.11	540	4	16	476	14	0.76	<5	<5	<10	97	1359	2	27	<10	5	40
46566	1356309	<1	3.90	29	250	2	13	1.26	<4	14	80	35	2.55	0.47	9	1.10	468	3	52	417	27	1.12	<5	10	<10	58	1522	<2	54	<10	8	80
46567	1356310	<1	3.07	7	356	<2	20	1.93	<4	12	47	19	2.84	0.16	7	1.07	562	2	22	476	8	0.06	<5	<5	<10	221	2225	<2	98	25	13	42
46568	1356311	<1	2.73	79	333	2	14	<0.01	<4	12	62	50	1.96	0.65	2	0.17	<100	<1	38	358	61	1.83	<5	<5	<10	29	1196	<2	52	<10	4	212
46569	1356312	2	2.76	53	399	<2	11	0.05	<4	6	18	43	1.24	0.53	3	0.26	<100	1	16	352	213	1.07	<5	<5	<10	32	989	<2	30	11	3	309
46570	1356313	1	2.25	98	370	<2	10	0.02	<4	5	19	24	1.22	0.33	<1	0.17	<100	<1	18	395	227	1.11	<5	<5	<10	23	887	<2	24	14	4	283
46571	1356314	2	2.74	53	457	<2	42	0.02	<4	6	21	52	1.26	0.46	3	0.21	<100	4	18	255	262	1.12	<5	5	<10	25	1174	<2	29	22	3	920
46572	1356315	<1	3.10	50	356	<2	27	0.24	<4	6	26	11	1.21	0.44	5	0.45	202	3	26	348	75	0.93	<5	<5	<10	31	1160	2	28	<10	4	127
46573D	1356315	<1	2.80	48	389	2	32	0.23	<4	5	27	11	1.20	0.42	6	0.41	208	3	26	338	80	0.92	<5	7	<10	32	1252	<2	31	11	3	132
46574	1356316	<1	3.48	53	396	<2	25	0.23	<4	6	23	11	1.28	0.34	5	0.44	197	2	23	373	73	1.04	<5	7	<10	32	1246	<2	31	<10	4	211
46575	1356317	5	4.43	76	345	2	10	0.52	8	6	27	48	1.91	0.37	9	0.70	276	1	26	361	613	1.80	8	11	<10	54	1278	<2	30	51	5	2721
46576	1356318	<1	3.75	86	338	<2	17	0.16	5	9	52	52	2.26	0.37	5	0.39	150	4	35	352	95	2.15	<5	<5	<10	27	1300	<2	38	23	6	1077

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/14/2013
 Date Completed: 04/01/2013
 Job #: 201340595
 Reference: TL13-330
 Sample #: 98

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46577	1356319	<1	4.51	61	368	2	17	0.92	4	9	78	31	2.14	0.29	9	0.98	477	6	53	491	66	1.27	<5	9	<10	49	1496	<2	44	22	10	1076
46578	1356320	2	3.56	40	257	<2	10	0.89	6	11	31	1954	4.41	0.40	20	0.66	936	14	16	538	72	2.68	<5	9	<10	139	822	<2	52	22	7	860
46579	1356321	<1	4.61	71	283	2	3	1.47	<4	17	134	55	2.87	0.43	10	1.19	612	4	67	495	66	1.58	<5	10	<10	57	1964	<2	68	10	13	329
46580	1356322	5	3.95	77	330	<2	23	0.42	<4	13	95	66	2.27	0.54	7	0.46	248	4	51	433	486	1.84	5	9	<10	32	1844	<2	58	18	9	757
46581	1356323	20	3.67	47	390	<2	22	0.43	4	6	32	91	1.40	0.68	6	0.45	224	6	31	421	609	1.11	12	5	<10	45	1524	<2	33	24	6	1133
46582	1356324	<1	4.33	40	396	<2	6	1.45	<4	6	27	18	1.49	0.64	10	0.86	597	4	26	441	60	0.84	<5	8	<10	81	1468	3	30	<10	6	85
46583	1356325	1	2.48	63	293	<2	14	0.71	<4	11	84	39	1.91	0.52	6	0.59	363	3	46	328	81	1.58	<5	6	<10	45	1399	<2	46	<10	8	106
46584D	1356325	1	3.27	62	337	<2	12	0.76	<4	11	89	39	1.88	0.70	8	0.60	370	4	44	322	77	1.52	<5	13	<10	47	1533	<2	50	<10	9	105
46585	1356326	<1	2.95	97	204	2	28	1.48	<4	16	113	29	3.11	0.65	7	0.96	560	7	53	385	62	2.63	<5	<5	<10	65	1235	2	46	<10	10	329
46586	1356327	<1	4.26	62	333	<2	16	1.42	<4	16	121	46	2.78	0.27	11	1.19	614	3	59	417	50	1.58	<5	6	<10	61	1836	3	67	<10	12	190
46587	1356328	<1	3.90	82	319	<2	40	0.78	<4	20	124	37	3.20	0.21	10	1.19	486	3	68	439	36	1.93	<5	6	<10	48	1929	3	73	<10	11	110
46588	1356329	<1	4.42	55	297	<2	16	1.31	4	19	109	50	3.33	0.15	12	1.42	549	2	60	433	36	1.71	<5	<5	<10	78	2034	6	65	<10	12	358
46589	1356330	<1	3.00	5	353	<2	10	1.97	<4	12	51	21	2.94	0.08	7	1.10	579	2	23	490	8	0.06	<5	6	<10	223	2250	<2	101	23	14	89
46590	1356331	<1	3.96	44	397	<2	18	0.83	<4	7	30	18	1.50	0.41	10	0.64	328	2	24	388	46	1.05	<5	<5	<10	51	1661	<2	37	<10	5	224
46591	1356332	<1	4.30	24	415	<2	15	1.90	<4	6	27	5	1.46	0.44	9	1.01	484	2	22	406	27	0.40	<5	11	<10	80	1559	4	31	<10	5	58
46592	1356333	<1	4.12	9	348	<2	3	2.23	<4	7	22	5	1.63	0.35	17	1.09	474	1	18	442	28	0.29	<5	10	<10	102	1455	<2	29	<10	5	74
46593	1356334	<1	4.42	25	431	2	2	1.99	<4	9	31	67	1.86	0.46	17	0.98	429	2	25	408	42	0.77	<5	<5	<10	107	1621	<2	36	14	6	389
46594	1356335	<1	3.94	23	360	<2	9	1.68	<4	6	22	32	1.47	0.44	14	0.93	467	2	17	382	43	0.65	<5	11	<10	80	1406	<2	30	<10	5	198
46595D	1356335	<1	4.48	24	401	2	23	1.77	<4	6	24	32	1.52	0.44	16	0.96	482	2	18	414	47	0.66	<5	13	<10	85	1502	4	32	11	6	174
46596	1356336	<1	3.71	19	340	2	31	1.71	<4	6	28	24	1.39	0.33	13	0.90	456	2	21	420	46	0.59	<5	7	<10	81	1335	<2	28	11	5	355

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Susan Schmitz, Customer Services Manager

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Friday, December 11, 2015

Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/14/2013
 Date Completed: 04/01/2013
 Job #: 201340595
 Reference: TL13-330
 Sample #: 98

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46597	1356337	1	2.92	42	307	<2	25	1.50	<4	7	19	33	1.79	0.24	9	0.74	369	<1	15	412	553	1.21	<5	7	<10	95	1166	<2	23	17	5	814
46598	1356338	<1	4.62	20	462	<2	26	1.64	<4	6	18	20	1.43	0.50	14	0.82	461	1	16	401	78	0.62	<5	11	<10	83	1606	<2	31	10	5	166
46599	1356339	<1	4.58	12	532	<2	40	2.03	<4	8	21	64	1.64	0.59	13	1.03	496	<1	17	423	40	0.56	<5	6	<10	89	1748	<2	35	11	5	237
46600	1356340	<1	4.14	8	385	<2	27	2.08	<4	14	51	26	3.23	0.47	13	1.26	620	<1	25	487	10	0.06	<5	<5	<10	242	2484	7	106	27	14	53
46601	1356341	7	1.88	3	87	4	23	7.21	19	5	15	725	3.85	0.12	<1	2.88	1820	14	13	267	560	1.92	<5	<5	<10	157	1046	5	25	99	8	5939
46602	1356342	<1	4.27	5	357	<2	2	1.77	<4	6	19	19	1.58	0.58	11	1.12	503	1	14	402	23	0.43	<5	11	<10	125	1554	10	32	<10	5	167
46603	1356343	<1	3.36	14	290	<2	8	1.62	<4	7	18	15	1.67	0.61	12	0.99	461	1	15	424	14	0.47	<5	7	<10	110	1470	2	31	<10	5	126

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By: 
Susan Schmitz, Customer Services Manager

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Friday, April 26, 2013


Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
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Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 04/02/2013
Date Completed: 04/26/2013
Job #: 201340731
Reference: TL 13-330
Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
56662	1356322	1.501	1.485	31.708	2.897	4.65%	46.48

PROCEDURE CODES: ALPM1

Certified By: 
Dr. David Brown, VP Quality

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
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 Date Received: 03/14/2013
 Date Completed: 04/02/2013
 Job #: 201340596
 Reference: TL13-331
 Sample #: 82

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46604	1377605	0.108	<1	2.40	3	392	<2	<1	0.84	<4	8	29	24	1.70	0.65	6	0.37	299	3	32	403	13	0.58	<5	5	<10	128	1457	<2	31	<10	5	75
46605	1377606	0.043	<1	3.04	7	409	<2	8	0.93	<4	6	24	33	1.51	0.61	8	0.61	428	2	24	384	28	0.50	<5	<5	<10	105	1441	<2	27	<10	5	90
46606	1377607	0.250	<1	2.59	7	414	<2	11	1.17	<4	7	29	19	1.69	0.48	8	0.64	498	2	33	401	23	0.40	<5	5	<10	111	1510	2	30	<10	5	67
46607	1377608	0.022	<1	1.97	6	386	<2	22	0.72	<4	8	36	23	1.76	0.34	7	0.44	375	5	45	426	8	0.47	<5	<5	<10	83	1526	<2	31	<10	5	58
46608	1377609	0.018	<1	2.76	4	443	<2	20	0.93	<4	7	28	19	1.44	0.44	10	0.62	415	3	37	497	12	0.41	<5	<5	<10	116	1587	<2	34	<10	5	316
46609	1377610	0.009	<1	1.46	5	248	<2	14	1.67	<4	12	48	23	2.75	<0.01	6	1.04	532	<1	23	460	11	0.06	<5	<5	<10	149	1924	<2	92	20	12	199
46610	1377611	0.026	<1	3.18	10	588	<2	31	0.77	<4	12	36	10	0.93	0.44	9	0.51	234	5	56	579	27	0.42	<5	6	<10	118	1746	<2	35	<10	4	161
46611	1377612	0.019	<1	3.77	12	371	2	30	1.67	<4	8	46	15	1.21	0.34	8	0.68	483	6	61	469	36	0.40	<5	<5	<10	131	1503	<2	28	<10	4	109
46612	1377613	0.031	<1	4.08	25	363	<2	18	1.50	<4	6	31	8	1.52	0.49	9	0.70	484	3	33	493	18	0.70	<5	8	<10	99	1591	<2	31	<10	5	61
46613	1377614	0.053	<1	8.58	24	481	<2	46	1.61	<4	5	54	21	1.62	0.62	27	0.89	395	8	72	463	20	0.53	<5	14	<10	136	1826	<2	34	11	9	68
46614D	1377614	0.064	<1	>10.00	25	854	<2	16	2.81	<4	5	87	23	1.50	2.07	48	0.62	374	16	50	460	26	0.81	<5	8	<10	67	1439	2	27	<10	4	114
46615	1377615	0.110	<1	4.17	25	368	<2	18	0.42	<4	5	36	10	1.15	0.66	12	0.74	456	8	44	413	38	0.55	<5	5	<10	46	1572	<2	28	<10	5	121
46616	1377616	0.106	1	3.90	19	355	2	17	0.38	<4	5	34	9	1.07	0.51	11	0.71	406	7	43	412	49	0.50	<5	8	<10	42	1494	<2	27	<10	4	126
46617	1377617	0.199	3	3.95	29	366	<2	24	0.71	<4	12	41	27	1.18	0.57	8	0.67	432	7	58	413	118	0.73	<5	6	<10	56	1446	<2	27	<10	4	110
46618	1377618	0.411	7	2.97	29	326	<2	9	0.33	<4	24	30	78	0.83	0.60	7	0.55	309	3	55	392	161	0.54	<5	6	<10	54	1360	<2	23	10	4	468
46619	1377619	0.146	4	2.84	29	301	<2	11	0.54	<4	32	27	83	0.96	0.63	8	0.70	553	3	56	384	73	0.48	<5	11	<10	60	1425	<2	25	<10	4	337
46620	1377620	0.343	2	2.71	45	221	2	42	0.84	5	11	32	2031	4.57	0.46	19	0.66	935	14	18	558	71	2.83	<5	<5	<10	124	706	<2	47	18	7	526
46621	1377621	0.573	3	1.96	22	281	<2	<1	0.28	<4	12	29	36	0.76	0.69	7	0.53	398	4	46	372	49	0.35	<5	<5	<10	46	1234	<2	20	<10	3	160
46622	1377622	0.081	1	4.08	16	399	<2	31	0.89	<4	9	31	27	0.99	0.55	10	0.65	618	4	42	407	54	0.43	<5	7	<10	98	1575	2	28	<10	4	56
46623	1377623	4.219	27	4.21	25	475	<2	13	0.42	5	5	24	76	1.12	0.69	10	0.44	351	2	24	361	466	0.86	7	<5	<10	78	1592	<2	26	36	4	2046

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
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 Fax#: (416) 599-4959
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 Date Received: 03/14/2013
 Date Completed: 04/02/2013
 Job #: 201340596
 Reference: TL13-331
 Sample #: 82

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46624	1377624	5.626	41	1.99	40	319	<2	21	0.19	15	6	33	610	2.11	0.46	5	0.36	353	5	36	271	2814	2.30	14	<5	<10	41	1069	<2	20	97	3	7422
46625D	1377624	4.584	42	2.63	41	347	<2	19	0.30	15	5	38	616	2.16	0.50	6	0.38	366	5	40	272	2813	2.33	20	<5	<10	53	1149	<2	22	96	3	7432
46626	1377625	1.069	7	2.06	19	315	<2	33	0.23	4	5	22	58	1.24	0.41	6	0.39	338	2	25	336	583	1.04	5	<5	<10	48	1203	<2	23	22	3	1365
46627	1377626	0.090	1	3.48	11	356	<2	28	1.00	<4	3	28	12	1.28	0.30	10	0.82	875	4	31	426	43	0.53	<5	<5	<10	96	1286	<2	31	<10	5	80
46628	1377627	0.437	5	2.80	16	290	<2	50	0.87	<4	4	33	10	1.32	0.22	7	0.69	726	4	38	406	43	0.64	<5	<5	<10	93	1172	<2	27	<10	4	121
46629	1377628	1.841	10	1.85	15	275	<2	24	0.49	<4	4	26	22	1.26	0.36	7	0.61	679	3	31	373	99	0.60	<5	<5	<10	66	1307	<2	26	<10	4	368
46630	1377629	0.449	9	2.47	8	330	<2	31	0.48	<4	8	34	60	1.46	0.35	7	0.57	572	4	44	383	113	0.58	<5	7	<10	62	1416	3	27	<10	4	200
46631	1377630	0.006	<1	1.40	5	266	<2	19	1.71	<4	12	49	20	2.82	<0.01	5	1.06	553	<1	24	476	7	0.06	<5	<5	<10	164	2046	3	95	21	13	72
46632	1377631	0.284	6	1.42	19	293	<2	31	0.33	<4	6	33	43	1.79	0.76	6	0.57	578	3	38	388	126	1.02	<5	<5	<10	41	1316	<2	25	<10	4	222
46633	1377632	0.131	<1	1.66	20	306	<2	16	0.44	<4	4	30	16	1.35	0.69	5	0.49	462	4	34	378	22	0.66	<5	<5	<10	40	1232	<2	24	<10	4	49
46634	1377633	0.317	1	3.72	19	416	<2	8	0.55	<4	5	25	42	1.44	0.31	9	0.49	410	4	29	556	184	0.67	<5	<5	<10	57	1857	<2	33	<10	5	83
46635	1377634	0.133	2	3.85	31	359	<2	14	0.42	<4	5	32	43	1.09	0.33	6	0.40	320	4	34	352	181	0.72	<5	<5	<10	51	1549	<2	28	<10	4	134
46636D	1377634	0.188	2	3.68	27	367	<2	<1	0.41	<4	4	29	44	1.09	0.34	6	0.41	327	3	32	355	180	0.69	<5	13	<10	52	1569	<2	29	<10	4	133
46637	1377635	0.299	2	4.03	38	339	<2	42	0.84	<4	11	45	17	1.34	0.40	8	0.61	733	6	52	317	66	0.79	<5	10	<10	66	1476	<2	28	<10	5	83
46638	1377636	0.288	3	2.83	40	291	<2	54	0.71	<4	10	49	16	1.37	0.43	6	0.61	718	6	58	325	110	0.80	<5	8	<10	57	1329	<2	26	<10	5	71
46639	1377637	0.325	2	1.36	20	217	<2	17	0.22	<4	8	52	22	1.69	0.39	7	0.53	631	5	55	378	29	0.64	<5	<5	<10	30	1388	<2	28	<10	5	93
46640	1377638	0.115	<1	2.31	20	250	<2	25	0.69	<4	5	33	12	1.47	0.20	7	0.57	559	1	19	346	17	0.49	<5	<5	<10	75	1420	<2	28	<10	4	142
46641	1377639	0.024	<1	2.25	17	284	<2	10	0.56	<4	6	27	7	1.37	0.49	8	0.49	367	<1	16	378	15	0.59	<5	<5	<10	72	1507	<2	31	<10	5	62
46642	1377640	2.101	<1	1.82	6	276	<2	11	1.78	<4	14	52	29	3.28	<0.01	8	1.19	616	1	25	528	13	0.05	<5	5	<10	151	2074	<2	103	20	13	60
46643	1377641	0.046	<1	2.48	12	317	<2	13	0.79	<4	7	35	11	1.69	0.27	8	0.54	377	<1	21	409	13	0.60	<5	<5	<10	84	1512	<2	33	<10	6	91

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 Date Received: 03/14/2013
 Date Completed: 04/02/2013
 Job #: 201340596
 Reference: TL13-331
 Sample #: 82

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46644	1377642	0.023	<1	1.16	3	269	<2	18	1.18	<4	7	32	13	1.67	0.31	8	0.71	321	<1	20	403	13	0.36	<5	<5	<10	74	1692	<2	30	<10	5	66
46645	1377643	0.015	<1	1.46	6	277	<2	<1	1.38	<4	7	33	10	1.43	0.41	7	0.86	267	<1	17	390	11	0.29	<5	<5	<10	77	1783	<2	33	<10	5	29
46646	1377644	0.016	<1	2.07	6	230	<2	26	2.20	<4	7	28	10	1.67	0.47	5	1.22	440	<1	16	352	22	0.27	<5	<5	<10	101	1714	<2	32	<10	5	55
46647D	1377644	0.016	<1	1.52	6	186	<2	8	1.98	<4	7	27	10	1.60	0.37	5	1.17	420	<1	15	340	20	0.26	<5	9	<10	87	1664	<2	30	<10	5	54
46648	1377645	0.026	<1	3.39	12	293	<2	2	1.69	<4	6	27	7	1.34	0.44	10	1.12	722	<1	16	382	17	0.31	<5	6	<10	115	1509	5	29	<10	5	55
46649	1377646	0.016	2	2.55	14	193	<2	6	1.10	<4	4	26	16	1.13	0.53	10	1.10	737	<1	17	363	18	0.45	<5	12	<10	85	1032	<2	20	<10	5	43
46650	1377647	0.014	2	2.55	11	230	<2	13	0.60	<4	3	15	3	0.58	0.52	10	0.69	397	<1	10	336	18	0.20	<5	5	<10	64	1149	2	20	<10	3	19
46651	1377648	0.078	7	2.76	19	293	<2	9	0.50	<4	5	13	8	1.33	0.54	8	0.74	434	<1	10	334	25	0.96	<5	<5	<10	63	1344	<2	26	<10	4	61
46652	1377649	0.008	2	3.47	38	234	<2	8	1.05	<4	5	15	13	2.90	0.43	11	1.10	757	<1	13	367	16	1.75	<5	<5	<10	87	1487	<2	30	<10	5	70
46653	1377650	<0.005	<1	1.75	5	273	<2	<1	1.71	<4	11	48	18	2.75	<0.01	6	1.03	538	<1	21	460	9	0.05	<5	<5	<10	168	1978	7	92	14	13	45
46654	1377651	0.012	2	2.31	11	238	<2	27	0.44	<4	7	22	19	3.02	0.46	14	1.02	727	<1	15	420	13	1.05	<5	<5	<10	51	1592	<2	33	<10	6	81
46655	1377652	0.034	2	2.23	13	251	<2	<1	0.86	<4	8	27	17	4.32	0.42	16	1.04	814	<1	16	346	17	1.62	<5	9	<10	71	1518	<2	34	<10	9	131
46656	1377653	<0.005	<1	2.42	5	373	<2	27	0.50	<4	4	13	10	1.29	0.68	12	0.69	386	<1	8	414	12	0.28	<5	7	<10	62	1500	<2	32	<10	5	56
46657	1377654	0.137	8	1.62	17	193	<2	17	0.13	<4	3	17	16	1.03	0.79	3	0.33	180	<1	11	313	81	0.86	<5	<5	<10	37	870	<2	18	<10	3	192
46658D	1377654	0.214	7	2.53	18	229	<2	14	0.21	<4	4	17	15	1.04	0.61	5	0.35	189	<1	11	325	78	0.84	<5	8	<10	47	1001	<2	21	<10	4	210
46659	1377655	0.064	11	3.04	9	238	<2	1	0.70	<4	4	25	7	0.94	0.58	8	0.62	286	2	23	366	74	0.69	<5	<5	<10	71	1182	<2	26	<10	4	39
46660	1377656	0.063	8	1.28	11	166	<2	50	0.52	<4	3	18	5	0.86	0.49	5	0.59	279	<1	16	361	47	0.66	<5	<5	<10	53	911	<2	19	<10	3	29
46661	1377657	0.009	<1	0.36	6	91	<2	<1	0.59	<4	2	7	3	0.74	<0.01	<1	0.35	114	<1	7	240	13	0.47	<5	<5	<10	79	583	<2	12	<10	2	41
46662	1377658	0.235	18	1.56	9	163	<2	58	0.76	<4	3	15	8	0.91	0.49	5	0.49	197	<1	13	362	31	0.54	<5	6	<10	99	868	<2	17	<10	3	77
46663	1377659	0.030	<1	2.22	6	240	<2	8	0.75	<4	3	15	3	0.89	0.29	9	0.70	216	<1	10	333	14	0.52	<5	7	<10	84	1125	<2	21	<10	3	17

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 Date Completed: 04/02/2013
 Job #: 201340596
 Reference: TL13-331
 Sample #: 82

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46664	1377660	3.591	64	1.11	35	324	<2	13	1.11	20	12	36	48	2.84	<0.01	5	0.72	455	2	19	455	563	0.24	28	<5	202	147	1545	<2	80	60	11	1791
46665	1377661	0.006	<1	2.55	6	188	<2	26	1.36	<4	3	15	3	1.09	0.19	10	0.95	254	<1	9	290	10	0.43	<5	<5	<10	126	1011	<2	19	<10	3	21
46666	1377662	0.081	<1	4.90	32	288	2	15	1.42	<4	12	65	52	2.47	0.22	12	1.10	377	2	43	488	19	0.85	<5	10	<10	63	1540	5	54	<10	7	315
46667	1377663	0.101	<1	4.15	10	218	<2	25	0.86	<4	22	125	75	4.06	0.35	13	1.53	630	3	84	471	34	1.11	<5	<5	<10	48	1675	<2	75	<10	9	222
46668	1377664	0.744	4	3.75	79	224	2	16	0.15	5	15	128	55	2.23	0.34	3	0.28	<100	3	48	464	202	1.51	<5	7	<10	30	950	6	64	29	7	1390
46669R	1377664	0.972	1	3.67	82	219	<2	5	0.16	5	15	126	56	2.21	0.48	3	0.29	<100	3	49	453	186	1.49	5	6	<10	30	957	<2	64	27	7	1271
46670	1377665	0.405	<1	3.78	64	268	2	14	0.35	<4	15	127	39	2.52	0.42	5	0.57	185	5	78	404	56	1.52	<5	<5	<10	32	1170	<2	69	12	7	274
46671	1377666	0.104	<1	3.40	25	236	2	25	0.89	<4	16	100	50	2.95	0.61	7	1.08	505	5	71	444	33	1.10	<5	5	<10	38	1398	<2	54	<10	9	109
46672	1377667	0.302	2	4.03	37	285	<2	19	1.08	<4	6	27	31	1.44	0.56	12	0.82	408	<1	27	478	179	0.79	<5	<5	<10	61	1108	<2	25	11	7	381
46673	1377668	0.207	1	4.35	46	309	2	18	0.94	<4	8	48	28	1.59	0.75	12	0.75	366	3	37	464	138	0.89	5	7	<10	60	1359	3	35	12	7	247
46674	1377669	0.204	<1	4.85	69	294	<2	19	0.72	<4	15	126	45	2.54	0.87	15	0.95	348	3	69	511	64	1.40	<5	6	<10	57	1810	<2	66	11	13	177
46675	1377670	<0.005	<1	3.09	4	318	<2	35	2.01	<4	13	52	19	2.92	0.35	10	1.19	581	<1	24	513	12	0.04	<5	<5	<10	222	2254	11	98	23	14	49
46676	1377671	0.241	2	4.66	67	335	2	38	1.16	11	16	126	113	3.34	0.65	17	1.18	511	3	64	457	247	1.88	<5	<5	<10	71	1992	<2	75	54	12	2722
46677	1377672	0.056	<1	4.44	45	371	<2	25	1.50	<4	7	36	12	1.66	0.48	17	0.99	500	<1	24	470	32	0.74	<5	15	<10	83	1588	2	37	<10	7	77
46678	1377673	0.047	<1	5.95	28	415	<2	18	2.25	<4	7	26	6	1.70	0.85	19	1.21	478	<1	17	478	32	0.47	<5	8	<10	129	1571	4	33	<10	7	57
46679	1377674	0.046	<1	5.47	30	456	<2	30	2.45	<4	6	22	32	1.65	1.04	17	1.33	735	<1	18	441	23	0.45	<5	12	<10	117	1329	12	30	<10	7	54
46680D	1377674	0.040	<1	5.01	29	457	2	20	2.42	<4	6	22	32	1.67	0.65	15	1.34	743	<1	18	440	24	0.46	<5	9	<10	114	1336	16	29	<10	6	54
46681	1377675	0.787	1	4.27	47	392	2	32	1.17	<4	6	22	83	1.62	0.75	14	0.81	418	<1	21	416	170	0.91	<5	7	<10	71	1416	<2	29	19	6	715
46682	1377676	0.508	1	2.93	44	323	<2	25	1.07	<4	5	20	66	1.63	0.47	10	0.78	424	<1	16	392	205	0.96	<5	5	<10	62	1181	<2	24	12	5	510
46683	1377677	0.047	<1	3.50	33	364	<2	18	1.63	<4	6	21	7	1.47	0.55	10	1.15	545	<1	18	437	40	0.42	<5	9	<10	71	1326	2	26	<10	5	95

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46684	1377678	0.825	5	3.29	50	339	2	33	0.99	11	6	26	201	2.00	0.51	10	0.72	381	2	28	416	688	1.36	<5	<5	<10	62	1245	<2	26	55	6	2973
46685	1377679	0.079	<1	4.02	44	330	2	23	2.00	<4	11	69	30	2.27	0.49	11	1.32	797	2	55	469	54	0.91	<5	<5	<10	85	1436	5	41	10	9	132
46686	1377680	0.379	2	2.43	44	165	<2	17	0.89	5	10	33	2075	4.64	0.51	22	0.73	927	13	16	584	72	2.16	<5	11	<10	121	605	<2	44	15	8	551
46687	1377681	0.073	<1	2.13	65	225	<2	11	0.96	<4	17	97	50	3.21	0.34	6	1.01	461	1	75	427	46	1.59	<5	<5	<10	56	1496	5	53	10	12	142
46688	1377682	0.215	8	2.15	12	240	<2	34	1.26	<4	8	46	64	2.05	0.43	6	0.93	462	<1	39	405	586	0.75	<5	<5	<10	58	1162	<2	31	15	6	520
46689	1377683	0.134	<1	2.90	25	261	<2	13	1.26	<4	6	26	21	1.38	0.39	9	0.83	402	1	29	418	41	0.46	<5	8	<10	67	1232	5	25	<10	5	103
46690	1377684	0.029	<1	3.31	24	258	<2	15	1.37	<4	6	24	8	1.31	0.46	11	0.92	388	<1	26	435	25	0.44	<5	14	<10	72	1308	<2	26	<10	6	47
46691D	1377684	0.028	<1	2.82	23	274	<2	10	1.34	<4	6	26	8	1.33	0.47	9	0.91	395	<1	28	448	27	0.43	<5	<5	<10	68	1303	<2	26	10	5	48
46692	1377685	0.247	1	3.32	59	311	2	19	1.32	4	6	26	62	2.22	0.58	14	0.89	450	<1	26	386	115	1.29	<5	5	<10	61	1351	3	27	24	5	1152
46693	1377686	0.173	<1	3.56	44	304	<2	7	1.84	<4	6	22	64	1.69	0.64	11	1.18	563	<1	19	412	32	0.75	<5	<5	<10	69	1238	9	25	<10	6	205

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 Date Received: 04/12/2013
 Date Completed: 04/29/2013
 Job #: 201340859
 Reference: TL13-331,33,34,36
 Sample #: 76

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
65850	1377651	21	<0.001	0.021
65851	1377652	43	0.001	0.043
65852	1377653	<5	<0.001	<0.005
65853	1377654	162	0.005	0.162
65854	1377655	135	0.004	0.135
65855	1377656	98	0.003	0.098
65856	1377657	11	<0.001	0.011
65857	1377658	259	0.008	0.259
65858	1377659	<5	<0.001	<0.005
65859	1377660	4355	0.127	4.355
65860 Dup	1377660	Insufficient Sample		
65861	1377661	<5	<0.001	<0.005
65862	1377662	67	0.002	0.067
65863	1377663	167	0.005	0.167
65864	1377664	1174	0.034	1.174
65865	1377665	618	0.018	0.618
65866	1377666	293	0.009	0.293
65867	1377667	466	0.014	0.466
65868	1377668	398	0.012	0.398
65869	1377669	302	0.009	0.302
65870	1377691	20	<0.001	0.020
65871 Dup	1377691	23	<0.001	0.023
65872	1377692	12	<0.001	0.012
65873	1377693	19	<0.001	0.019
65874	1377694	231	0.007	0.231
65875	1377695	744	0.022	0.744
65876	1377696	84	0.002	0.084
65877	1377697	33	<0.001	0.033
65878	1377698	220	0.006	0.220
65879	1377699	318	0.009	0.318

PROCEDURE CODES: ALM1, ALFA1


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 Sample #: 76

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
65880	1377700	216	0.006	0.216
65881	1377701	552	0.016	0.552
65882 Dup	1377701	422	0.012	0.422
65883	1377702	119	0.003	0.119
65884	1377703	82	0.002	0.082
65885	1377704	105	0.003	0.105
65886	1377705	146	0.004	0.146
65887	1377706	141	0.004	0.141
65888	1377707	660	0.019	0.660
65889	1377708	212	0.006	0.212
65890	1377709	339	0.010	0.339
65891	1377811	8	<0.001	0.008
65892	1377812	<5	<0.001	<0.005
65893 Dup	1377812	9	<0.001	0.009
65894	1377813	8	<0.001	0.008
65895	1377814	18	<0.001	0.018
65896	1377815	41	0.001	0.041
65897	1377816	39	0.001	0.039
65898	1377817	5	<0.001	0.005
65899	1377818	<5	<0.001	<0.005
65900	1377819	<5	<0.001	<0.005
65901	1377820	1277	0.037	1.277
65902	1377821	7	<0.001	0.007
65903	1377822	7	<0.001	0.007
65904 Dup	1377822	<5	<0.001	<0.005
65905	1377823	<5	<0.001	<0.005
65906	1377824	103	0.003	0.103
65907	1377825	31	<0.001	0.031
65908	1377826	35	0.001	0.035
65909	1377827	101	0.003	0.101

PROCEDURE CODES: ALM1, ALFA1

 Certified By: 
 Dr. David Brown, VP Quality

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Monday, April 29, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 04/12/2013
 Date Completed: 04/29/2013
 Job #: 201340859
 Reference: TL13-331,33,34,36
 Sample #: 76

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
65910	1377828	56	0.002	0.056
65911	1377829	38	0.001	0.038
65912	1377901	86	0.003	0.086
65913	1377902	75	0.002	0.075
65914	1377903	109	0.003	0.109
65915 Rep	1377903	81	0.002	0.081
65916	1377904	92	0.003	0.092
65917	1377905	75	0.002	0.075
65918	1377906	299	0.009	0.299
65919	1377907	204	0.006	0.204
65920	1377908	76	0.002	0.076
65921	1377909	252	0.007	0.252
65922	1377910	<5	<0.001	<0.005
65923	1377911	110	0.003	0.110
65924	1377912	384	0.011	0.384
65925	1377913	1091	0.032	1.091
65926 Dup	1377913	1045	0.030	1.045
65927	1377914	72	0.002	0.072
65928	1377915	27	<0.001	0.027
65929	1377916	37	0.001	0.037
65930	1377917	37	0.001	0.037
65931	1377918	25	<0.001	0.025
65932	1377919	37	0.001	0.037

PROCEDURE CODES: ALM1, ALFA1


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Wednesday, April 17, 2013


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 Date Received: 03/15/2013
 Date Completed: 04/05/2013
 Job #: 201340605
 Reference: TL13-332
 Sample #: 87

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46909	1377720	5.227	67	4.32	42	446	<2	<1	1.40	21	17	35	50	2.90	0.49	21	0.83	466	2	19	546	559	9.56	68	<5	240	237	1783	<2	85	47	14	1796
46910	1377721	0.021	<1	6.17	4	399	<2	<1	1.44	<4	9	24	8	1.84	0.52	18	0.88	425	3	19	493	<1	6.34	<5	<5	<10	235	1892	<2	39	<10	6	40
46911	1377722	0.009	<1	7.33	2	455	<2	4	1.71	<4	10	33	19	1.88	0.42	28	0.79	517	10	27	544	<1	>10.00	<5	<5	<10	232	1751	2	35	<10	8	40
46912	1377723	0.022	1	7.25	<2	586	<2	<1	1.28	<4	12	30	17	1.80	0.35	26	0.64	385	2	26	531	6	>10.00	<5	<5	<10	183	1903	7	37	<10	8	87
46913	1377724	0.023	<1	6.74	17	559	<2	<1	1.26	<4	12	25	17	1.66	0.31	24	0.70	456	<1	20	490	3	>10.00	<5	<5	<10	163	1821	<2	35	<10	8	51
46914	1377725	0.044	<1	6.00	25	598	<2	<1	1.25	<4	19	22	13	1.27	0.25	25	0.69	341	<1	28	596	8	>10.00	<5	<5	<10	156	1858	<2	35	<10	7	54
46915	1377726	0.037	<1	6.65	16	547	<2	<1	2.15	<4	14	23	12	1.31	0.08	26	0.99	523	<1	22	678	11	>10.00	<5	<5	<10	162	1904	<2	35	<10	7	76
46916	1377727	0.042	1	6.52	21	445	<2	<1	1.77	<4	9	34	7	1.24	0.38	27	1.12	681	3	39	544	10	>10.00	<5	<5	<10	142	1687	<2	30	<10	7	64
46917	1377728	0.026	<1	6.50	18	458	<2	<1	1.73	<4	9	28	14	1.20	0.38	25	1.01	508	2	28	541	2	>10.00	<5	<5	<10	135	1599	<2	29	<10	7	38
46918	1377729	0.013	<1	6.05	14	367	<2	<1	1.38	<4	9	24	9	1.17	0.47	26	1.06	572	<1	22	546	9	>10.00	<5	<5	<10	125	1625	3	28	<10	7	48
46919D	1377729	0.012	<1	6.86	14	427	<2	<1	1.56	<4	8	25	9	1.20	0.46	28	1.08	585	1	21	548	13	>10.00	<5	<5	<10	138	1805	5	31	<10	7	51
46920	1377730	<0.005	<1	5.58	3	417	<2	<1	2.43	<4	17	54	23	3.18	0.41	22	1.31	645	<1	26	616	<1	3.94	<5	<5	<10	293	2702	<2	110	13	17	52
46921	1377731	0.299	2	5.51	16	362	<2	<1	1.00	5	10	24	60	1.29	0.41	25	0.84	469	1	32	463	77	>10.00	<5	<5	<10	114	1599	<2	29	15	6	1842
46922	1377732	0.069	1	7.08	20	397	<2	<1	1.20	<4	14	19	13	1.19	0.40	29	0.90	521	<1	30	522	5	>10.00	<5	<5	<10	130	1749	<2	31	<10	7	82
46923	1377733	0.218	1	6.72	40	418	<2	<1	0.91	<4	22	17	18	1.27	0.31	29	0.72	449	<1	33	532	21	>10.00	<5	<5	<10	132	1756	6	32	<10	6	63
46924	1377734	0.033	2	7.43	21	419	<2	7	1.14	<4	17	20	14	1.21	0.21	31	0.84	527	2	33	600	19	>10.00	<5	<5	<10	154	1617	3	31	<10	7	62
46925	1377735	0.302	3	7.32	23	503	<2	<1	1.12	<4	13	15	95	1.36	0.16	29	0.75	474	<1	20	526	169	>10.00	<5	<5	<10	147	1622	3	29	<10	7	489
46926	1377736	0.201	3	6.88	20	495	<2	<1	1.02	<4	12	14	82	1.21	0.54	27	0.74	532	<1	20	517	181	>10.00	<5	<5	<10	137	1607	2	28	<10	7	194
46927	1377737	0.154	1	5.92	14	457	<2	<1	1.18	<4	8	12	15	1.47	0.55	23	0.75	458	<1	10	474	19	>10.00	<5	<5	<10	133	1499	<2	27	<10	6	55
46928	1377738	0.086	1	6.69	11	491	<2	<1	1.21	<4	9	13	12	1.32	0.50	23	0.66	398	<1	12	505	7	>10.00	<5	<5	<10	147	1595	<2	29	<10	7	58

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Final Certificate

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 M5X 1B1
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/15/2013
 Date Completed: 04/05/2013
 Job #: 201340605
 Reference: TL13-332
 Sample #: 87

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46929	1377739	0.118	<1	7.24	21	493	<2	<1	1.14	<4	12	15	9	1.36	0.66	29	0.71	427	<1	13	546	5	>10.00	<5	<5	<10	158	1719	<2	32	<10	7	39
46930D	1377739	0.098	1	6.84	20	458	<2	<1	1.03	<4	10	14	9	1.32	0.42	27	0.70	413	<1	13	546	3	>10.00	<5	<5	<10	143	1649	<2	30	<10	7	33
46931	1377740	0.397	3	6.35	48	299	<2	2	1.20	6	15	34	2233	4.83	0.41	41	0.88	1028	15	16	717	66	>10.00	<5	<5	<10	192	943	4	58	<10	10	563
46932	1377741	0.037	2	5.83	7	381	<2	6	1.63	<4	9	15	46	1.70	0.20	25	0.89	807	<1	15	548	<1	>10.00	<5	<5	<10	162	1500	6	30	<10	7	62
46933	1377742	0.202	2	5.23	15	325	<2	1	1.79	<4	8	19	11	1.83	0.45	22	1.10	1136	<1	12	485	11	>10.00	<5	<5	<10	154	1613	4	30	<10	6	76
46934	1377743	0.574	8	6.13	30	469	<2	<1	1.10	<4	11	23	96	1.77	0.30	22	0.73	691	<1	18	462	166	>10.00	<5	<5	<10	122	1800	<2	34	<10	7	309
46935	1377744	0.354	6	6.61	24	493	<2	<1	1.12	<4	10	24	71	1.97	0.26	22	0.69	607	<1	19	478	292	>10.00	<5	<5	<10	118	1787	<2	35	<10	7	477
46936	1377745	2.954	16	3.04	33	249	<2	<1	<0.01	<4	7	14	118	1.03	0.11	6	0.24	<100	3	15	300	637	>10.00	9	<5	<10	49	1027	<2	22	<10	5	767
46937	1377746	15.408	3	4.58	50	286	<2	<1	0.13	<4	10	25	30	1.08	0.39	19	0.42	152	<1	21	326	38	>10.00	<5	<5	<10	61	1201	2	27	<10	6	66
46938	1377747	7.658	9	5.32	44	355	<2	<1	0.27	<4	11	31	38	1.35	0.49	19	0.50	262	<1	26	384	184	>10.00	<5	<5	<10	63	1423	<2	30	<10	7	502
46939	1377748	0.831	6	6.25	67	427	<2	<1	0.89	<4	29	26	25	1.48	0.52	23	0.76	620	10	78	458	68	>10.00	<5	<5	<10	105	1619	5	30	<10	7	795
46940	1377749	0.054	2	5.54	32	423	<2	11	1.19	<4	9	20	15	1.58	0.48	24	0.71	718	<1	18	451	6	>10.00	<5	<5	<10	119	1626	7	31	<10	6	97
46941D	1377749	0.047	2	6.39	31	452	<2	<1	1.33	<4	10	21	15	1.62	0.45	28	0.74	753	<1	16	475	9	>10.00	<5	<5	<10	131	1709	<2	33	<10	7	82
46942	1377750	<0.005	<1	5.69	2	387	<2	<1	2.31	<4	17	50	21	2.98	0.43	26	1.25	606	<1	23	592	<1	4.44	<5	<5	<10	275	2558	<2	103	10	17	48
46943	1377751	0.025	1	3.87	4	320	<2	<1	0.94	<4	9	17	13	1.75	0.31	19	0.53	661	<1	13	477	6	>10.00	<5	<5	<10	109	1521	<2	30	<10	6	58
46944	1377752	0.067	1	4.78	18	366	<2	<1	1.02	<4	9	25	13	1.63	0.26	22	0.55	712	<1	13	428	3	>10.00	<5	<5	<10	131	1520	<2	33	<10	6	94
46945	1377753	0.021	1	4.77	14	376	<2	<1	1.75	<4	10	28	15	1.72	0.12	26	0.89	922	<1	16	432	<1	>10.00	<5	<5	<10	154	1692	<2	34	<10	7	57
46946	1377754	0.011	1	5.49	12	378	<2	<1	1.93	<4	11	25	17	1.64	0.51	23	0.99	806	<1	12	451	3	>10.00	<5	<5	<10	163	1706	<2	37	<10	7	46
46947	1377755	0.024	1	5.85	19	428	<2	<1	1.35	<4	11	27	11	1.46	0.49	26	0.82	379	<1	16	426	<1	>10.00	<5	<5	<10	147	1717	<2	35	<10	7	49
46948	1377756	0.028	1	5.94	17	435	<2	<1	1.31	<4	11	30	11	1.46	0.41	28	0.79	351	<1	20	457	<1	>10.00	<5	<5	<10	145	1761	<2	35	<10	7	52

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Date Completed: 04/05/2013
 Job #: 201340605
 Reference: TL13-332
 Sample #: 87

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46949	1377757	0.032	1	5.62	31	420	<2	29	1.31	<4	11	20	8	1.40	0.46	24	0.86	605	<1	15	465	15	>10.00	<5	<5	<10	140	1619	6	33	<10	6	134
46950	1377758	0.022	2	5.16	21	336	<2	19	0.88	<4	11	20	15	1.60	0.41	26	0.72	575	<1	17	572	13	>10.00	<5	<5	<10	122	1625	<2	33	<10	7	103
46951	1377759	0.010	1	5.57	18	342	<2	<1	0.96	<4	7	15	10	1.45	0.39	29	0.74	593	<1	12	431	2	>10.00	<5	<5	<10	132	1415	4	28	<10	6	85
46952D	1377759	0.008	1	5.69	19	346	<2	<1	0.98	<4	8	16	10	1.41	0.47	30	0.74	597	<1	12	443	2	>10.00	<5	<5	<10	134	1412	7	28	<10	6	72
46953	1377760	1.935	<1	4.86	7	379	<2	5	2.24	<4	19	52	31	3.42	0.29	25	1.36	663	<1	25	626	<1	4.19	<5	<5	<10	249	2561	<2	111	11	16	60
46954	1377761	0.005	1	4.05	11	264	<2	<1	0.66	<4	7	14	8	0.78	0.27	21	0.53	331	<1	9	400	<1	9.30	<5	<5	<10	90	1195	<2	26	<10	5	24
46955	1377762	<0.005	1	3.62	7	279	<2	<1	0.85	<4	7	17	8	0.71	0.07	20	0.43	222	<1	13	357	<1	7.77	<5	<5	<10	93	1109	<2	24	<10	4	17
46956	1377763	0.040	2	4.89	11	246	<2	<1	3.17	<4	9	32	17	1.42	0.45	23	1.72	1307	<1	18	347	11	>10.00	<5	<5	<10	159	1176	<2	31	<10	6	73
46957	1377764	0.011	1	5.70	12	264	<2	<1	1.37	<4	8	15	5	0.69	0.48	27	0.87	491	<1	10	371	<1	7.74	<5	<5	<10	130	1322	13	25	<10	5	12
46958	1377765	0.020	2	6.61	10	417	<2	<1	1.01	<4	10	16	5	0.86	0.52	32	0.79	365	<1	10	451	<1	>10.00	<5	<5	<10	132	1856	6	34	<10	6	25
46959	1377766	0.037	2	6.58	12	433	<2	<1	0.94	<4	10	18	11	1.37	0.40	26	0.72	396	<1	16	522	9	>10.00	<5	<5	<10	145	2008	<2	39	<10	6	67
46960	1377767	0.006	2	6.33	12	325	<2	<1	2.48	<4	13	14	12	2.22	0.47	30	1.43	867	<1	13	432	6	>10.00	<5	<5	<10	199	1870	<2	38	<10	6	74
46961	1377768	0.013	2	6.35	8	353	<2	<1	1.63	<4	7	13	10	1.34	0.48	29	0.89	362	<1	12	527	3	>10.00	<5	<5	<10	170	1845	<2	34	<10	6	62
46962	1377769	0.111	11	5.25	21	309	<2	4	1.11	<4	7	13	14	1.18	0.38	24	0.40	184	<1	16	393	31	>10.00	<5	<5	<10	177	1380	<2	25	<10	5	147
46963D	1377769	0.107	12	5.39	16	305	<2	<1	1.11	<4	7	12	15	1.19	0.29	26	0.40	180	3	11	385	34	>10.00	<5	<5	<10	178	1368	<2	25	<10	5	225
46964	1377770	<0.005	<1	4.38	7	366	<2	<1	2.15	<4	17	49	23	2.96	0.27	27	1.20	586	<1	23	555	<1	3.95	<5	<5	<10	259	2465	<2	102	16	15	249
46965	1377771	0.213	15	4.78	19	307	<2	<1	1.10	<4	9	14	13	0.93	0.18	28	0.68	297	<1	14	394	16	>10.00	<5	<5	<10	126	1431	<2	29	<10	5	88
46966	1377772	0.019	2	6.43	7	327	<2	<1	1.85	<4	9	16	9	1.00	0.45	38	1.21	301	<1	13	497	<1	>10.00	<5	<5	<10	162	1735	10	33	<10	6	32
46967	1377773	<0.005	1	6.97	11	332	<2	<1	1.68	<4	9	13	9	1.19	0.48	36	1.02	187	<1	11	447	<1	>10.00	<5	<5	<10	194	1730	<2	35	<10	5	58
46968	1377774	0.007	2	6.19	15	273	<2	<1	1.45	<4	7	12	7	1.13	0.43	31	0.81	324	<1	10	384	3	>10.00	<5	<5	<10	169	1425	7	26	<10	5	25

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46969	1377775	0.448	13	4.96	16	230	<2	<1	0.74	<4	9	28	18	1.29	0.44	28	0.59	300	1	16	345	10	>10.00	<5	<5	<10	99	1344	5	32	<10	6	72
46970	1377776	0.107	6	4.24	16	209	<2	<1	0.75	<4	11	47	23	1.30	0.38	26	0.58	322	4	43	360	5	>10.00	<5	<5	<10	93	1254	2	33	<10	6	78
46971	1377777	0.011	3	5.26	6	265	<2	<1	2.94	<4	11	40	20	1.71	0.45	32	1.56	1055	<1	26	427	16	>10.00	<5	<5	<10	152	1508	<2	40	<10	7	69
46972	1377778	<0.005	<1	5.55	53	401	<2	<1	1.69	<4	8	13	65	0.85	0.34	38	0.86	372	<1	14	573	32	5.33	<5	<5	<10	150	1783	<2	36	<10	5	355
46973	1377779	<0.005	<1	7.07	20	448	<2	<1	2.31	<4	10	12	27	0.84	0.41	37	0.86	321	<1	11	586	<1	7.30	<5	<5	<10	191	1810	13	35	<10	6	62
46974R	1377779	0.008	<1	7.04	10	478	<2	<1	2.25	<4	10	14	12	0.85	0.38	36	0.84	317	<1	15	602	<1	6.74	<5	<5	<10	190	1869	5	37	<10	6	21
46975	1377780	5.306	64	3.82	38	444	<2	<1	1.38	21	16	34	52	2.88	0.25	27	0.83	470	2	20	538	563	9.57	67	<5	243	231	1814	<2	85	47	13	1844
46976	1377781	0.006	2	6.05	14	441	<2	<1	2.27	<4	12	13	11	1.31	0.42	33	0.94	439	<1	14	545	6	9.53	<5	<5	<10	203	1755	<2	35	<10	6	50
46977	1377782	<0.005	<1	6.23	16	386	<2	<1	2.16	<4	10	13	14	1.41	0.44	33	0.81	393	<1	15	599	<1	>10.00	<5	<5	<10	206	1796	10	36	<10	6	24
46978	1377783	0.006	<1	6.05	26	459	<2	<1	1.77	<4	12	10	7	1.14	0.27	36	0.83	333	<1	14	576	<1	>10.00	<5	<5	<10	201	1824	<2	34	<10	6	25
46979	1377784	0.008	<1	6.39	40	475	<2	<1	2.11	<4	12	13	3	1.57	0.37	39	1.27	390	<1	11	608	<1	>10.00	<5	<5	<10	235	1806	<2	35	<10	6	35
46980	1377785	0.103	14	6.14	35	489	<2	7	2.08	<4	18	92	26	2.59	0.41	41	1.11	608	2	42	518	9	>10.00	<5	<5	<10	195	2107	<2	62	<10	11	181
46981	1377786	0.041	4	5.58	25	358	<2	6	2.71	<4	21	127	43	3.30	0.37	37	1.29	730	<1	66	519	22	>10.00	<5	<5	<10	218	2297	<2	73	<10	15	105
46982	1377787	0.144	1	4.81	57	283	<2	<1	0.39	<4	18	100	19	2.55	0.34	33	1.30	360	2	58	492	60	>10.00	<5	<5	<10	60	1400	<2	63	<10	10	204
46983	1377788	0.201	1	4.87	66	300	<2	6	1.12	<4	22	122	47	3.46	0.23	33	1.47	523	<1	68	517	93	>10.00	<5	<5	<10	82	1735	12	71	<10	10	554
46984	1377789	0.225	1	4.88	104	310	<2	<1	0.44	<4	22	118	26	3.39	0.37	35	1.62	505	<1	66	504	56	>10.00	<5	<5	<10	58	2093	3	74	<10	11	149
46985D	1377789	0.235	1	5.31	108	331	<2	<1	0.45	<4	22	123	26	3.41	0.29	36	1.64	509	<1	65	499	57	>10.00	<5	<5	<10	61	2179	<2	78	<10	12	144
46986	1377790	0.011	<1	3.85	4	373	<2	<1	2.15	<4	18	52	23	3.08	0.01	28	1.23	609	<1	25	573	<1	3.25	<5	<5	<10	257	2456	<2	104	10	15	53
46987	1377791	0.187	1	6.42	58	383	<2	<1	1.68	<4	16	84	43	2.40	0.26	36	1.32	582	<1	49	498	74	>10.00	<5	<5	<10	104	1766	7	69	<10	10	161
46988	1377792	0.908	4	5.18	72	394	<2	<1	0.68	6	11	33	158	2.22	0.19	33	0.70	291	3	28	432	360	>10.00	<5	<5	<10	61	1577	<2	37	15	7	1730

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/15/2013
 Date Completed: 04/05/2013
 Job #: 201340605
 Reference: TL13-332
 Sample #: 87

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46989	1377793	0.815	16	5.01	50	403	<2	<1	0.44	5	10	18	50	1.56	0.21	32	0.57	263	<1	19	404	1069	>10.00	8	<5	<10	47	1620	<2	32	13	6	1407
46990	1377794	0.088	2	5.83	32	446	<2	<1	1.69	<4	10	21	21	1.49	0.14	35	1.13	737	<1	20	516	64	>10.00	<5	<5	<10	79	1700	3	34	<10	6	199
46991	1377795	0.383	2	4.32	88	377	<2	<1	1.14	<4	14	50	53	2.07	0.22	32	0.82	414	3	35	410	166	>10.00	<5	<5	<10	62	1600	3	44	<10	7	340
46992	1377796	0.396	2	4.58	105	392	<2	<1	1.09	<4	15	60	57	2.22	0.29	32	0.79	391	2	41	431	206	>10.00	<5	<5	<10	63	1705	<2	50	<10	8	274
46993	1377797	0.247	3	5.74	54	433	<2	<1	1.22	<4	9	24	96	1.80	0.23	35	0.91	379	<1	22	470	369	>10.00	<5	<5	<10	77	1668	<2	34	<10	7	888
46994	1377798	0.184	5	4.12	60	294	<2	<1	1.28	<4	12	36	39	1.68	0.22	28	0.93	459	<1	32	431	136	>10.00	<5	<5	<10	69	1312	<2	30	<10	6	340
46995	1377799	0.296	15	5.37	52	440	<2	<1	0.90	<4	10	18	37	1.47	0.17	32	0.75	381	<1	17	462	165	>10.00	<5	<5	<10	61	1655	3	33	<10	6	527
46996D	1377799	0.315	17	5.50	55	437	<2	<1	0.91	<4	10	19	38	1.49	0.05	34	0.76	384	<1	17	477	170	>10.00	<5	<5	<10	59	1683	4	34	<10	6	538
46997	1377800	0.276	93	4.04	241	486	<2	8	1.17	25	15	49	6405	5.12	0.19	32	1.10	1518	18	23	483	10374	>10.00	301	<5	<10	186	1658	5	75	39	13	4508
46998	1377801	0.706	15	5.63	95	458	<2	6	0.94	7	11	20	214	2.48	0.12	35	0.79	377	<1	19	475	1713	>10.00	10	<5	<10	63	1677	2	35	17	6	2238
46999	1377802	0.148	1	5.64	66	518	<2	<1	1.53	<4	11	18	26	1.74	0.18	35	1.02	505	<1	17	491	92	>10.00	<5	<5	<10	70	1821	<2	37	<10	6	235
47000	1377803	1.075	10	5.60	64	428	<2	<1	0.74	7	10	19	39	1.72	0.30	36	0.71	281	<1	17	440	1056	>10.00	10	<5	<10	58	1715	<2	34	20	6	2202
47001	1377804	0.061	1	6.00	32	432	<2	3	2.66	<4	10	16	19	1.70	0.23	36	1.44	707	<1	14	458	59	>10.00	<5	<5	<10	95	1676	<2	33	<10	6	170
47002	1377805	0.034	1	5.66	33	414	<2	3	2.25	<4	10	17	23	1.64	0.09	36	1.25	533	<1	14	469	27	>10.00	<5	<5	<10	89	1650	11	33	<10	6	378
47003	1377806	0.027	<1	5.99	26	433	<2	<1	2.36	<4	10	18	14	1.49	0.02	35	1.30	529	<1	14	432	19	>10.00	<5	<5	<10	116	1451	2	31	<10	6	123

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Thursday, May 2, 2013

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46909	1377720	5.227	67	4.32	42	446	<2	<1	1.40	21	17	35	50	2.90	0.49	21	0.83	466	2	19	546	559	9.56	68	<5	240	237	1783	<2	85	47	14	1796
46910	1377721	0.021	<1	6.17	4	399	<2	<1	1.44	<4	9	24	8	1.84	0.52	18	0.88	425	3	19	493	<1	6.34	<5	<5	<10	235	1892	<2	39	<10	6	40
46911	1377722	0.009	<1	7.33	2	455	<2	4	1.71	<4	10	33	19	1.88	0.42	28	0.79	517	10	27	544	<1	>10.00	<5	<5	<10	232	1751	2	35	<10	8	40
46912	1377723	0.022	1	7.25	<2	586	<2	<1	1.28	<4	12	30	17	1.80	0.35	26	0.64	385	2	26	531	6	>10.00	<5	<5	<10	183	1903	7	37	<10	8	87
46913	1377724	0.023	<1	6.74	17	559	<2	<1	1.26	<4	12	25	17	1.66	0.31	24	0.70	456	<1	20	490	3	>10.00	<5	<5	<10	163	1821	<2	35	<10	8	51
46914	1377725	0.044	<1	6.00	25	598	<2	<1	1.25	<4	19	22	13	1.27	0.25	25	0.69	341	<1	28	596	8	>10.00	<5	<5	<10	156	1858	<2	35	<10	7	54
46915	1377726	0.037	<1	6.65	16	547	<2	<1	2.15	<4	14	23	12	1.31	0.08	26	0.99	523	<1	22	678	11	>10.00	<5	<5	<10	162	1904	<2	35	<10	7	76
46916	1377727	0.042	1	6.52	21	445	<2	<1	1.77	<4	9	34	7	1.24	0.38	27	1.12	681	3	39	544	10	>10.00	<5	<5	<10	142	1687	<2	30	<10	7	64
46917	1377728	0.026	<1	6.50	18	458	<2	<1	1.73	<4	9	28	14	1.20	0.38	25	1.01	508	2	28	541	2	>10.00	<5	<5	<10	135	1599	<2	29	<10	7	38
46918	1377729	0.013	<1	6.05	14	367	<2	<1	1.38	<4	9	24	9	1.17	0.47	26	1.06	572	<1	22	546	9	>10.00	<5	<5	<10	125	1625	3	28	<10	7	48
46919D	1377729	0.012	<1	6.86	14	427	<2	<1	1.56	<4	8	25	9	1.20	0.46	28	1.08	585	1	21	548	13	>10.00	<5	<5	<10	138	1805	5	31	<10	7	51
46920	1377730	<0.005	<1	5.58	3	417	<2	<1	2.43	<4	17	54	23	3.18	0.41	22	1.31	645	<1	26	616	<1	3.94	<5	<5	<10	293	2702	<2	110	13	17	52
46921	1377731	0.299	2	5.51	16	362	<2	<1	1.00	5	10	24	60	1.29	0.41	25	0.84	469	1	32	463	77	>10.00	<5	<5	<10	114	1599	<2	29	15	6	1842
46922	1377732	0.069	1	7.08	20	397	<2	<1	1.20	<4	14	19	13	1.19	0.40	29	0.90	521	<1	30	522	5	>10.00	<5	<5	<10	130	1749	<2	31	<10	7	82
46923	1377733	0.218	1	6.72	40	418	<2	<1	0.91	<4	22	17	18	1.27	0.31	29	0.72	449	<1	33	532	21	>10.00	<5	<5	<10	132	1756	6	32	<10	6	63
46924	1377734	0.033	2	7.43	21	419	<2	7	1.14	<4	17	20	14	1.21	0.21	31	0.84	527	2	33	600	19	>10.00	<5	<5	<10	154	1617	3	31	<10	7	62
46925	1377735	0.302	3	7.32	23	503	<2	<1	1.12	<4	13	15	95	1.36	0.16	29	0.75	474	<1	20	526	169	>10.00	<5	<5	<10	147	1622	3	29	<10	7	489
46926	1377736	0.201	3	6.88	20	495	<2	<1	1.02	<4	12	14	82	1.21	0.54	27	0.74	532	<1	20	517	181	>10.00	<5	<5	<10	137	1607	2	28	<10	7	194
46927	1377737	0.154	1	5.92	14	457	<2	<1	1.18	<4	8	12	15	1.47	0.55	23	0.75	458	<1	10	474	19	>10.00	<5	<5	<10	133	1499	<2	27	<10	6	55
46928	1377738	0.086	1	6.69	11	491	<2	<1	1.21	<4	9	13	12	1.32	0.50	23	0.66	398	<1	12	505	7	>10.00	<5	<5	<10	147	1595	<2	29	<10	7	58

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46929	1377739	0.118	<1	7.24	21	493	<2	<1	1.14	<4	12	15	9	1.36	0.66	29	0.71	427	<1	13	546	5	>10.00	<5	<5	<10	158	1719	<2	32	<10	7	39
46930D	1377739	0.098	1	6.84	20	458	<2	<1	1.03	<4	10	14	9	1.32	0.42	27	0.70	413	<1	13	546	3	>10.00	<5	<5	<10	143	1649	<2	30	<10	7	33
46931	1377740	0.397	3	6.35	48	299	<2	2	1.20	6	15	34	2233	4.83	0.41	41	0.88	1028	15	16	717	66	>10.00	<5	<5	<10	192	943	4	58	<10	10	563
46932	1377741	0.037	2	5.83	7	381	<2	6	1.63	<4	9	15	46	1.70	0.20	25	0.89	807	<1	15	548	<1	>10.00	<5	<5	<10	162	1500	6	30	<10	7	62
46933	1377742	0.202	2	5.23	15	325	<2	1	1.79	<4	8	19	11	1.83	0.45	22	1.10	1136	<1	12	485	11	>10.00	<5	<5	<10	154	1613	4	30	<10	6	76
46934	1377743	0.574	8	6.13	30	469	<2	<1	1.10	<4	11	23	96	1.77	0.30	22	0.73	691	<1	18	462	166	>10.00	<5	<5	<10	122	1800	<2	34	<10	7	309
46935	1377744	0.354	6	6.61	24	493	<2	<1	1.12	<4	10	24	71	1.97	0.26	22	0.69	607	<1	19	478	292	>10.00	<5	<5	<10	118	1787	<2	35	<10	7	477
46936	1377745	2.954	16	3.04	33	249	<2	<1	<0.01	<4	7	14	118	1.03	0.11	6	0.24	<100	3	15	300	637	>10.00	9	<5	<10	49	1027	<2	22	<10	5	767
46937	1377746	15.408	3	4.58	50	286	<2	<1	0.13	<4	10	25	30	1.08	0.39	19	0.42	152	<1	21	326	38	>10.00	<5	<5	<10	61	1201	2	27	<10	6	66
46938	1377747	7.658	9	5.32	44	355	<2	<1	0.27	<4	11	31	38	1.35	0.49	19	0.50	262	<1	26	384	184	>10.00	<5	<5	<10	63	1423	<2	30	<10	7	502
46939	1377748	0.831	6	6.25	67	427	<2	<1	0.89	<4	29	26	25	1.48	0.52	23	0.76	620	10	78	458	68	>10.00	<5	<5	<10	105	1619	5	30	<10	7	795
46940	1377749	0.054	2	5.54	32	423	<2	11	1.19	<4	9	20	15	1.58	0.48	24	0.71	718	<1	18	451	6	>10.00	<5	<5	<10	119	1626	7	31	<10	6	97
46941D	1377749	0.047	2	6.39	31	452	<2	<1	1.33	<4	10	21	15	1.62	0.45	28	0.74	753	<1	16	475	9	>10.00	<5	<5	<10	131	1709	<2	33	<10	7	82
46942	1377750	<0.005	<1	5.69	2	387	<2	<1	2.31	<4	17	50	21	2.98	0.43	26	1.25	606	<1	23	592	<1	4.44	<5	<5	<10	275	2558	<2	103	10	17	48
46943	1377751	0.025	1	3.87	4	320	<2	<1	0.94	<4	9	17	13	1.75	0.31	19	0.53	661	<1	13	477	6	>10.00	<5	<5	<10	109	1521	<2	30	<10	6	58
46944	1377752	0.067	1	4.78	18	366	<2	<1	1.02	<4	9	25	13	1.63	0.26	22	0.55	712	<1	13	428	3	>10.00	<5	<5	<10	131	1520	<2	33	<10	6	94
46945	1377753	0.021	1	4.77	14	376	<2	<1	1.75	<4	10	28	15	1.72	0.12	26	0.89	922	<1	16	432	<1	>10.00	<5	<5	<10	154	1692	<2	34	<10	7	57
46946	1377754	0.011	1	5.49	12	378	<2	<1	1.93	<4	11	25	17	1.64	0.51	23	0.99	806	<1	12	451	3	>10.00	<5	<5	<10	163	1706	<2	37	<10	7	46
46947	1377755	0.024	1	5.85	19	428	<2	<1	1.35	<4	11	27	11	1.46	0.49	26	0.82	379	<1	16	426	<1	>10.00	<5	<5	<10	147	1717	<2	35	<10	7	49
46948	1377756	0.028	1	5.94	17	435	<2	<1	1.31	<4	11	30	11	1.46	0.41	28	0.79	351	<1	20	457	<1	>10.00	<5	<5	<10	145	1761	<2	35	<10	7	52

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

Certified By:

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Thursday, May 2, 2013

Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 03/15/2013
 Date Completed: 04/05/2013
 Job #: 201340605
 Reference: TL13-332
 Sample #: 87

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46949	1377757	0.032	1	5.62	31	420	<2	29	1.31	<4	11	20	8	1.40	0.46	24	0.86	605	<1	15	465	15	>10.00	<5	<5	<10	140	1619	6	33	<10	6	134
46950	1377758	0.022	2	5.16	21	336	<2	19	0.88	<4	11	20	15	1.60	0.41	26	0.72	575	<1	17	572	13	>10.00	<5	<5	<10	122	1625	<2	33	<10	7	103
46951	1377759	0.010	1	5.57	18	342	<2	<1	0.96	<4	7	15	10	1.45	0.39	29	0.74	593	<1	12	431	2	>10.00	<5	<5	<10	132	1415	4	28	<10	6	85
46952D	1377759	0.008	1	5.69	19	346	<2	<1	0.98	<4	8	16	10	1.41	0.47	30	0.74	597	<1	12	443	2	>10.00	<5	<5	<10	134	1412	7	28	<10	6	72
46953	1377760	1.935	<1	4.86	7	379	<2	5	2.24	<4	19	52	31	3.42	0.29	25	1.36	663	<1	25	626	<1	4.19	<5	<5	<10	249	2561	<2	111	11	16	60
46954	1377761	0.005	1	4.05	11	264	<2	<1	0.66	<4	7	14	8	0.78	0.27	21	0.53	331	<1	9	400	<1	9.30	<5	<5	<10	90	1195	<2	26	<10	5	24
46955	1377762	<0.005	1	3.62	7	279	<2	<1	0.85	<4	7	17	8	0.71	0.07	20	0.43	222	<1	13	357	<1	7.77	<5	<5	<10	93	1109	<2	24	<10	4	17
46956	1377763	0.040	2	4.89	11	246	<2	<1	3.17	<4	9	32	17	1.42	0.45	23	1.72	1307	<1	18	347	11	>10.00	<5	<5	<10	159	1176	<2	31	<10	6	73
46957	1377764	0.011	1	5.70	12	264	<2	<1	1.37	<4	8	15	5	0.69	0.48	27	0.87	491	<1	10	371	<1	7.74	<5	<5	<10	130	1322	13	25	<10	5	12
46958	1377765	0.020	2	6.61	10	417	<2	<1	1.01	<4	10	16	5	0.86	0.52	32	0.79	365	<1	10	451	<1	>10.00	<5	<5	<10	132	1856	6	34	<10	6	25
46959	1377766	0.037	2	6.58	12	433	<2	<1	0.94	<4	10	18	11	1.37	0.40	26	0.72	396	<1	16	522	9	>10.00	<5	<5	<10	145	2008	<2	39	<10	6	67
46960	1377767	0.006	2	6.33	12	325	<2	<1	2.48	<4	13	14	12	2.22	0.47	30	1.43	867	<1	13	432	6	>10.00	<5	<5	<10	199	1870	<2	38	<10	6	74
46961	1377768	0.013	2	6.35	8	353	<2	<1	1.63	<4	7	13	10	1.34	0.48	29	0.89	362	<1	12	527	3	>10.00	<5	<5	<10	170	1845	<2	34	<10	6	62
46962	1377769	0.111	11	5.25	21	309	<2	4	1.11	<4	7	13	14	1.18	0.38	24	0.40	184	<1	16	393	31	>10.00	<5	<5	<10	177	1380	<2	25	<10	5	147
46963D	1377769	0.107	12	5.39	16	305	<2	<1	1.11	<4	7	12	15	1.19	0.29	26	0.40	180	3	11	385	34	>10.00	<5	<5	<10	178	1368	<2	25	<10	5	225
46964	1377770	<0.005	<1	4.38	7	366	<2	<1	2.15	<4	17	49	23	2.96	0.27	27	1.20	586	<1	23	555	<1	3.95	<5	<5	<10	259	2465	<2	102	16	15	249
46965	1377771	0.213	15	4.78	19	307	<2	<1	1.10	<4	9	14	13	0.93	0.18	28	0.68	297	<1	14	394	16	>10.00	<5	<5	<10	126	1431	<2	29	<10	5	88
46966	1377772	0.019	2	6.43	7	327	<2	<1	1.85	<4	9	16	9	1.00	0.45	38	1.21	301	<1	13	497	<1	>10.00	<5	<5	<10	162	1735	10	33	<10	6	32
46967	1377773	<0.005	1	6.97	11	332	<2	<1	1.68	<4	9	13	9	1.19	0.48	36	1.02	187	<1	11	447	<1	>10.00	<5	<5	<10	194	1730	<2	35	<10	5	58
46968	1377774	0.007	2	6.19	15	273	<2	<1	1.45	<4	7	12	7	1.13	0.43	31	0.81	324	<1	10	384	3	>10.00	<5	<5	<10	169	1425	7	26	<10	5	25

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Thursday, May 2, 2013

Final Certificate

 Treasury Metals Inc
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 Toronto, On, CAN
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/15/2013
 Date Completed: 04/05/2013
 Job #: 201340605
 Reference: TL13-332
 Sample #: 87

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46969	1377775	0.448	13	4.96	16	230	<2	<1	0.74	<4	9	28	18	1.29	0.44	28	0.59	300	1	16	345	10	>10.00	<5	<5	<10	99	1344	5	32	<10	6	72
46970	1377776	0.107	6	4.24	16	209	<2	<1	0.75	<4	11	47	23	1.30	0.38	26	0.58	322	4	43	360	5	>10.00	<5	<5	<10	93	1254	2	33	<10	6	78
46971	1377777	0.011	3	5.26	6	265	<2	<1	2.94	<4	11	40	20	1.71	0.45	32	1.56	1055	<1	26	427	16	>10.00	<5	<5	<10	152	1508	<2	40	<10	7	69
46972	1377778	<0.005	<1	5.55	53	401	<2	<1	1.69	<4	8	13	65	0.85	0.34	38	0.86	372	<1	14	573	32	5.33	<5	<5	<10	150	1783	<2	36	<10	5	355
46973	1377779	<0.005	<1	7.07	20	448	<2	<1	2.31	<4	10	12	27	0.84	0.41	37	0.86	321	<1	11	586	<1	7.30	<5	<5	<10	191	1810	13	35	<10	6	62
46974R	1377779	0.008	<1	7.04	10	478	<2	<1	2.25	<4	10	14	12	0.85	0.38	36	0.84	317	<1	15	602	<1	6.74	<5	<5	<10	190	1869	5	37	<10	6	21
46975	1377780	5.306	64	3.82	38	444	<2	<1	1.38	21	16	34	52	2.88	0.25	27	0.83	470	2	20	538	563	9.57	67	<5	243	231	1814	<2	85	47	13	1844
46976	1377781	0.006	2	6.05	14	441	<2	<1	2.27	<4	12	13	11	1.31	0.42	33	0.94	439	<1	14	545	6	9.53	<5	<5	<10	203	1755	<2	35	<10	6	50
46977	1377782	<0.005	<1	6.23	16	386	<2	<1	2.16	<4	10	13	14	1.41	0.44	33	0.81	393	<1	15	599	<1	>10.00	<5	<5	<10	206	1796	10	36	<10	6	24
46978	1377783	0.006	<1	6.05	26	459	<2	<1	1.77	<4	12	10	7	1.14	0.27	36	0.83	333	<1	14	576	<1	>10.00	<5	<5	<10	201	1824	<2	34	<10	6	25
46979	1377784	0.008	<1	6.39	40	475	<2	<1	2.11	<4	12	13	3	1.57	0.37	39	1.27	390	<1	11	608	<1	>10.00	<5	<5	<10	235	1806	<2	35	<10	6	35
46980	1377785	0.103	14	6.14	35	489	<2	7	2.08	<4	18	92	26	2.59	0.41	41	1.11	608	2	42	518	9	>10.00	<5	<5	<10	195	2107	<2	62	<10	11	181
46981	1377786	0.041	4	5.58	25	358	<2	6	2.71	<4	21	127	43	3.30	0.37	37	1.29	730	<1	66	519	22	>10.00	<5	<5	<10	218	2297	<2	73	<10	15	105
46982	1377787	0.144	1	4.81	57	283	<2	<1	0.39	<4	18	100	19	2.55	0.34	33	1.30	360	2	58	492	60	>10.00	<5	<5	<10	60	1400	<2	63	<10	10	204
46983	1377788	0.201	1	4.87	66	300	<2	6	1.12	<4	22	122	47	3.46	0.23	33	1.47	523	<1	68	517	93	>10.00	<5	<5	<10	82	1735	12	71	<10	10	554
46984	1377789	0.225	1	4.88	104	310	<2	<1	0.44	<4	22	118	26	3.39	0.37	35	1.62	505	<1	66	504	56	>10.00	<5	<5	<10	58	2093	3	74	<10	11	149
46985D	1377789	0.235	1	5.31	108	331	<2	<1	0.45	<4	22	123	26	3.41	0.29	36	1.64	509	<1	65	499	57	>10.00	<5	<5	<10	61	2179	<2	78	<10	12	144
46986	1377790	0.011	<1	3.85	4	373	<2	<1	2.15	<4	18	52	23	3.08	0.01	28	1.23	609	<1	25	573	<1	3.25	<5	<5	<10	257	2456	<2	104	10	15	53
46987	1377791	0.187	1	6.42	58	383	<2	<1	1.68	<4	16	84	43	2.40	0.26	36	1.32	582	<1	49	498	74	>10.00	<5	<5	<10	104	1766	7	69	<10	10	161
46988	1377792	0.908	4	5.18	72	394	<2	<1	0.68	6	11	33	158	2.22	0.19	33	0.70	291	3	28	432	360	>10.00	<5	<5	<10	61	1577	<2	37	15	7	1730

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Thursday, May 2, 2013

Final Certificate

 Treasury Metals Inc
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 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/15/2013
 Date Completed: 04/05/2013
 Job #: 201340605
 Reference: TL13-332
 Sample #: 87

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46989	1377793	0.815	16	5.01	50	403	<2	<1	0.44	5	10	18	50	1.56	0.21	32	0.57	263	<1	19	404	1069	>10.00	8	<5	<10	47	1620	<2	32	13	6	1407
46990	1377794	0.088	2	5.83	32	446	<2	<1	1.69	<4	10	21	21	1.49	0.14	35	1.13	737	<1	20	516	64	>10.00	<5	<5	<10	79	1700	3	34	<10	6	199
46991	1377795	0.383	2	4.32	88	377	<2	<1	1.14	<4	14	50	53	2.07	0.22	32	0.82	414	3	35	410	166	>10.00	<5	<5	<10	62	1600	3	44	<10	7	340
46992	1377796	0.396	2	4.58	105	392	<2	<1	1.09	<4	15	60	57	2.22	0.29	32	0.79	391	2	41	431	206	>10.00	<5	<5	<10	63	1705	<2	50	<10	8	274
46993	1377797	0.247	3	5.74	54	433	<2	<1	1.22	<4	9	24	96	1.80	0.23	35	0.91	379	<1	22	470	369	>10.00	<5	<5	<10	77	1668	<2	34	<10	7	888
46994	1377798	0.184	5	4.12	60	294	<2	<1	1.28	<4	12	36	39	1.68	0.22	28	0.93	459	<1	32	431	136	>10.00	<5	<5	<10	69	1312	<2	30	<10	6	340
46995	1377799	0.296	15	5.37	52	440	<2	<1	0.90	<4	10	18	37	1.47	0.17	32	0.75	381	<1	17	462	165	>10.00	<5	<5	<10	61	1655	3	33	<10	6	527
46996D	1377799	0.315	17	5.50	55	437	<2	<1	0.91	<4	10	19	38	1.49	0.05	34	0.76	384	<1	17	477	170	>10.00	<5	<5	<10	59	1683	4	34	<10	6	538
46997	1377800	0.276	93	4.04	241	486	<2	8	1.17	25	15	49	6405	5.12	0.19	32	1.10	1518	18	23	483	10374	>10.00	301	<5	<10	186	1658	5	75	39	13	4508
46998	1377801	0.706	15	5.63	95	458	<2	6	0.94	7	11	20	214	2.48	0.12	35	0.79	377	<1	19	475	1713	>10.00	10	<5	<10	63	1677	2	35	17	6	2238
46999	1377802	0.148	1	5.64	66	518	<2	<1	1.53	<4	11	18	26	1.74	0.18	35	1.02	505	<1	17	491	92	>10.00	<5	<5	<10	70	1821	<2	37	<10	6	235
47000	1377803	1.075	10	5.60	64	428	<2	<1	0.74	7	10	19	39	1.72	0.30	36	0.71	281	<1	17	440	1056	>10.00	10	<5	<10	58	1715	<2	34	20	6	2202
47001	1377804	0.061	1	6.00	32	432	<2	3	2.66	<4	10	16	19	1.70	0.23	36	1.44	707	<1	14	458	59	>10.00	<5	<5	<10	95	1676	<2	33	<10	6	170
47002	1377805	0.034	1	5.66	33	414	<2	3	2.25	<4	10	17	23	1.64	0.09	36	1.25	533	<1	14	469	27	>10.00	<5	<5	<10	89	1650	11	33	<10	6	378
47003	1377806	0.027	<1	5.99	26	433	<2	<1	2.36	<4	10	18	14	1.49	0.02	35	1.30	529	<1	14	432	19	>10.00	<5	<5	<10	116	1451	2	31	<10	6	123

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Friday, April 26, 2013


Final Certificate

Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 04/08/2013
 Date Completed: 04/26/2013
 Job #: 201340789
 Reference: TL13-332
 Sample #: 2

Acc #	Client ID	#1 Pulp Assay ppb	#2 Pulp Assay ppb	Metallics Assay ppb	Total ppb	% Met. in Pulp	Pulp Met. Weight(g) ppb
60796	1377746	4636	5143	211458	14374	4.59%	45.87
60797	1377747	3896	4072	93406	6369	2.67%	26.67

PROCEDURE CODES: ALPM1

Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/14/2013
 Date Completed: 04/01/2013
 Job #: 201340597
 Reference: TL13-333
 Sample #: 33

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46694	1377687	0.031	<1	3.40	53	404	<2	36	2.02	<4	13	81	19	2.57	0.63	10	1.14	588	<1	46	465	44	1.24	<5	12	<10	118	1465	<2	48	<10	11	83
46695	1377688	0.062	<1	2.85	39	377	<2	24	1.34	<4	12	76	17	2.65	0.61	7	0.77	449	1	46	514	123	1.36	<5	6	<10	83	1499	<2	44	<10	9	174
46696	1377689	0.190	<1	1.16	76	209	2	23	0.42	<4	13	57	23	2.68	0.49	3	0.40	171	1	45	430	51	1.99	<5	<5	<10	53	884	<2	31	<10	8	39
46697	1377690	<0.005	<1	0.04	4	154	<2	5	1.37	<4	11	42	17	2.52	0.04	5	1.00	479	<1	21	440	9	0.03	<5	<5	<10	108	1697	<2	82	15	11	41
46698	1377691	0.019	<1	3.11	19	276	<2	23	2.04	<4	5	19	2	1.57	0.57	11	1.29	566	<1	18	468	19	0.65	<5	<5	<10	93	1100	5	21	<10	5	40
46699	1377692	0.016	<1	3.57	31	364	<2	<1	1.97	<4	6	22	<1	1.71	0.58	11	1.10	512	<1	23	519	37	0.65	<5	6	<10	99	1269	<2	25	<10	5	50
46700	1377693	0.022	<1	4.20	29	233	2	26	2.25	<4	9	50	12	1.88	0.68	14	1.28	513	<1	33	463	27	0.57	<5	5	<10	105	1421	7	38	<10	8	56
46701	1377694	0.213	<1	2.96	43	188	2	25	0.64	<4	20	121	72	4.00	0.17	11	1.32	515	4	101	522	30	1.46	<5	<5	<10	48	1531	<2	70	<10	10	120
46702	1377695	0.131	<1	4.18	23	183	<2	15	1.08	<4	17	121	50	3.12	0.42	15	1.35	518	1	76	452	23	0.97	<5	<5	<10	63	1487	<2	62	11	10	344
46703	1377696	0.098	<1	4.32	24	188	<2	20	1.09	<4	16	120	44	2.98	0.36	15	1.33	498	1	66	424	28	0.87	<5	11	<10	64	1517	3	62	<10	9	209
46704D	1377696	0.108	<1	3.96	26	200	2	32	1.06	<4	17	129	46	3.11	0.28	13	1.37	516	1	75	440	26	0.87	<5	7	<10	60	1617	<2	66	<10	9	235
46705	1377697	0.043	<1	4.46	7	196	2	10	1.06	<4	17	135	40	3.51	0.43	18	1.55	609	3	80	437	29	0.73	<5	<5	<10	60	1667	<2	70	<10	11	102
46706	1377698	0.254	2	3.15	55	194	2	4	0.28	<4	17	117	32	2.63	0.31	7	0.68	231	1	75	461	179	1.23	<5	6	<10	39	1040	<2	64	<10	8	115
46707	1377699	0.816	1	4.57	59	249	2	22	0.34	<4	16	128	63	2.80	0.37	10	0.69	227	2	68	508	162	1.49	<5	5	<10	48	1164	<2	76	15	8	492
46708	1377700	2.459	<1	4.08	8	366	<2	26	2.18	<4	14	53	28	3.34	0.48	14	1.32	641	<1	26	541	15	0.04	<5	6	<10	242	2386	3	110	27	16	57
46709	1377701	0.558	<1	3.99	9	190	2	38	0.61	<4	15	103	36	3.30	0.48	14	1.74	565	<1	66	413	47	1.00	<5	<5	<10	46	1248	<2	59	<10	8	81
46710	1377702	0.141	<1	3.37	29	197	<2	15	0.91	<4	16	115	43	3.13	0.43	10	1.38	489	3	81	477	77	1.17	<5	<5	<10	56	1178	<2	57	<10	9	171
46711	1377703	0.145	<1	4.25	59	212	2	14	1.36	<4	15	132	31	3.37	0.35	17	1.59	644	2	72	517	45	1.33	<5	<5	<10	82	1711	<2	63	<10	13	92
46712	1377704	0.115	<1	4.66	26	298	3	9	1.45	10	16	102	44	3.42	0.36	21	1.52	598	<1	62	453	52	0.96	<5	8	<10	100	1962	<2	64	48	13	2364
46713	1377705	0.086	<1	4.39	35	327	<2	18	1.94	<4	6	26	31	1.53	0.39	15	1.05	484	<1	26	428	58	0.41	<5	8	<10	109	1340	<2	28	<10	6	121

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
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 Toronto, On, CAN
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 Fax#: (416) 599-4959
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 Date Received: 03/14/2013
 Date Completed: 04/01/2013
 Job #: 201340597
 Reference: TL13-333
 Sample #: 33

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46714	1377706	0.143	<1	4.19	30	341	<2	18	1.58	<4	5	22	33	1.34	0.45	15	1.05	545	<1	21	443	44	0.41	<5	14	<10	89	1364	<2	27	<10	6	122
46715D	1377706	0.136	<1	3.31	33	308	<2	16	1.51	<4	5	22	35	1.30	0.54	12	1.00	534	<1	20	441	43	0.40	<5	7	<10	84	1235	<2	24	<10	5	108
46716	1377707	0.571	2	1.92	86	252	<2	13	0.35	<4	12	81	69	2.17	0.42	6	0.46	189	3	51	377	253	1.39	<5	5	<10	38	1343	<2	40	16	8	534
46717	1377708	0.183	<1	3.27	43	351	<2	27	1.56	<4	8	31	31	1.80	0.37	12	1.02	684	<1	30	437	100	0.81	5	7	<10	67	1303	<2	29	<10	6	221
46718	1377709	0.469	2	4.43	65	411	2	27	1.17	<4	9	55	73	2.13	0.28	13	0.84	395	1	41	454	163	1.07	<5	5	<10	77	1471	<2	40	16	8	469
46719	1377710	0.005	<1	1.64	5	254	<2	12	1.74	<4	11	49	18	2.78	0.29	7	1.11	540	<1	21	476	10	0.03	<5	<5	<10	173	1940	3	93	18	13	47
46720	1377711	0.104	<1	3.76	37	224	2	29	1.52	<4	18	127	36	3.57	0.41	15	1.87	627	2	75	457	50	1.08	<5	11	<10	88	1798	5	68	<10	12	220
46721	1377712	0.474	2	3.18	29	225	2	19	0.12	<4	23	124	45	4.50	0.41	17	1.76	542	<1	89	465	236	1.35	<5	<5	<10	39	1969	2	79	16	11	551
46722	1377713	0.146	<1	3.37	74	216	2	11	0.82	<4	16	111	55	3.35	0.36	12	1.43	461	<1	68	463	100	1.27	<5	5	<10	64	1516	2	60	<10	9	207
46723	1377714	0.124	<1	3.31	33	208	<2	29	1.21	<4	17	123	38	3.25	0.37	11	1.49	526	2	76	431	44	0.96	<5	7	<10	77	1629	2	65	<10	11	127
46724	1377715	0.027	<1	1.37	83	210	2	<1	0.53	<4	11	54	22	2.27	0.15	6	0.74	315	<1	43	387	47	1.19	<5	<5	<10	36	1153	<2	37	16	7	664
46725	1377716	0.189	<1	1.26	71	197	<2	7	0.44	<4	12	59	26	2.35	0.54	6	0.76	308	<1	46	379	44	1.18	<5	5	<10	32	1129	<2	39	15	7	512
46726D	1377716	0.165	<1	2.11	75	222	<2	<1	0.52	<4	12	62	26	2.39	0.24	9	0.80	315	1	45	395	43	1.22	<5	<5	<10	40	1241	<2	41	16	8	528
46727	1377717	0.029	<1	2.97	34	296	2	14	1.61	<4	6	20	6	1.42	0.50	8	0.96	397	<1	19	418	31	0.42	<5	7	<10	72	1212	3	24	<10	5	39
46728	1377718	0.423	2	3.60	57	373	<2	13	0.84	7	6	24	101	2.02	0.37	12	0.67	268	2	21	371	210	1.21	<5	7	<10	55	1414	<2	29	43	5	2118
46729	1377719	0.080	<1	3.45	45	340	<2	14	1.44	<4	6	23	20	1.57	0.44	12	0.97	600	<1	20	396	64	0.67	<5	7	<10	62	1278	4	26	11	5	248

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 Toronto, On, CAN
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/15/2013
 Date Completed: 04/04/2013
 Job #: 201340604
 Reference: TL13-334
 Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46843	1377807	<0.005	<1	5.50	25	408	2	4	1.96	<4	8	12	31	0.83	0.05	12	0.84	344	<1	15	<100	20	0.54	<5	<5	<10	175	1766	<2	37	<10	6	156
46844	1377808	<0.005	<1	7.13	48	461	2	29	2.34	<4	9	17	61	1.11	0.18	15	0.97	443	1	21	1230	38	0.92	<5	6	<10	210	1866	10	38	<10	8	243
46845	1377809	0.008	<1	6.08	30	409	2	6	1.73	<4	8	14	25	1.40	0.13	15	0.76	355	<1	17	1241	12	1.09	<5	<5	<10	183	1888	<2	36	<10	7	73
46846	1377810	<0.005	<1	5.13	7	421	<2	16	2.29	<4	15	51	23	3.01	0.19	9	1.24	614	<1	25	<100	5	0.64	<5	<5	<10	281	2668	<2	105	23	16	71
46847	1377811	0.008	<1	5.83	23	406	<2	5	1.89	<4	9	13	14	1.72	0.08	16	0.86	445	<1	16	<100	10	1.39	<5	<5	<10	195	1894	5	37	<10	7	53
46848	1377812	0.009	<1	6.27	47	442	2	18	2.30	<4	11	13	9	1.44	0.07	14	1.29	444	<1	19	<100	19	1.70	<5	8	<10	224	1620	<2	34	<10	6	56
46849	1377813	0.007	<1	7.29	31	535	2	29	2.32	<4	9	11	14	1.64	0.15	17	1.37	390	<1	14	1312	14	2.12	<5	6	<10	232	1601	4	37	<10	7	192
46850	1377814	0.023	2	6.12	31	535	2	13	1.57	<4	12	32	15	1.62	0.16	17	1.01	358	<1	20	2103	23	1.95	<5	8	<10	172	1955	<2	46	<10	8	266
46851	1377815	0.049	3	5.94	39	544	2	12	1.75	<4	24	133	53	3.55	0.16	16	0.99	560	2	64	323	36	3.77	<5	<5	<10	145	2340	<2	79	<10	16	284
46852	1377816	0.043	4	5.78	41	566	2	18	1.61	<4	23	137	53	3.43	0.11	16	0.93	513	<1	67	1496	43	3.63	<5	<5	<10	147	2323	<2	82	<10	16	200
46853D	1377816	0.050	4	4.03	43	483	2	17	1.41	<4	22	125	51	3.28	0.25	8	0.84	487	<1	60	1253	38	3.28	<5	<5	<10	128	2090	<2	74	<10	15	166
46854	1377817	0.008	1	5.35	13	436	2	7	2.13	<4	13	46	23	2.15	0.26	11	1.09	438	4	32	<100	21	1.80	<5	<5	<10	161	1536	6	38	<10	8	70
46855	1377818	0.006	<1	5.81	4	470	2	14	2.58	<4	11	15	6	1.85	0.28	11	1.21	461	<1	22	905	8	0.86	<5	<5	<10	183	1711	<2	35	<10	6	143
46856	1377819	0.006	<1	5.83	8	607	2	12	2.10	<4	9	15	12	1.82	0.36	17	1.09	445	<1	21	1051	11	0.89	<5	5	<10	193	1828	5	35	<10	7	94
46857	1377820	2.294	<1	4.01	10	390	<2	20	2.14	<4	17	51	30	3.33	0.35	7	1.28	646	1	27	<100	14	0.40	<5	<5	<10	251	2554	<2	111	24	15	80
46858	1377821	0.008	<1	5.73	12	589	2	15	2.19	<4	10	24	14	1.99	0.33	15	1.06	412	<1	27	439	14	1.13	<5	6	<10	181	1758	4	40	<10	7	53
46859	1377822	0.008	1	6.12	11	600	2	31	2.45	<4	9	15	16	1.77	0.25	11	1.01	323	<1	18	189	21	1.23	<5	8	<10	191	1578	<2	35	<10	7	53
46860	1377823	0.008	<1	5.95	4	556	2	8	2.60	<4	9	16	17	1.89	0.19	15	1.17	397	1	22	<100	46	1.34	<5	<5	<10	237	1708	2	38	14	7	63
46861	1377824	0.122	3	5.27	43	573	3	17	1.47	<4	19	101	57	2.49	0.26	12	0.86	338	2	58	392	119	2.45	6	<5	<10	165	2086	2	73	10	13	117
46862	1377825	0.037	<1	5.31	22	784	2	15	1.00	<4	9	22	11	1.64	0.19	9	0.71	255	<1	24	<100	35	1.51	<5	<5	<10	132	1890	<2	40	<10	6	95

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
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 Toronto, On, CAN
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/15/2013
 Date Completed: 04/04/2013
 Job #: 201340604
 Reference: TL13-334
 Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46863	1377826	0.064	2	5.76	29	715	2	22	1.29	<4	10	16	7	1.86	0.45	14	0.87	343	1	25	770	100	1.68	<5	11	<10	125	1924	4	37	<10	6	120
46864D	1377826	0.045	1	5.94	30	728	2	15	1.31	<4	10	15	6	1.85	0.43	15	0.88	343	<1	23	<100	100	1.68	<5	<5	<10	126	1975	<2	38	<10	6	119
46865	1377827	0.163	1	5.09	39	582	2	13	1.62	<4	19	105	37	2.66	0.45	13	1.03	510	3	66	<100	40	2.54	<5	<5	<10	121	1926	5	69	<10	13	133
46866	1377828	0.084	2	5.62	26	506	2	14	1.83	<4	23	133	41	3.15	0.37	15	1.16	631	4	83	682	37	2.48	<5	13	<10	145	2204	6	83	<10	15	98
46867	1377829	0.039	<1	4.93	16	376	2	22	1.82	<4	20	129	37	2.88	0.53	13	1.02	565	2	69	632	24	1.94	<5	10	<10	161	2187	4	72	<10	13	84
46868	1377830	0.005	<1	4.03	6	388	2	9	2.20	<4	16	54	22	3.10	0.52	8	1.24	627	<1	26	1270	2	0.43	<5	<5	<10	265	2538	<2	108	21	15	55
46869	1377831	0.065	1	5.43	19	393	2	7	2.22	<4	22	132	44	3.42	0.43	15	1.28	668	2	76	690	24	2.16	<5	<5	<10	168	2215	2	80	<10	15	76
46870	1377832	0.108	<1	6.38	29	599	2	29	1.48	<4	11	35	13	2.28	0.32	15	0.91	473	1	30	1665	40	2.33	6	<5	<10	137	2012	13	46	10	8	455
46871	1377833	0.322	<1	5.78	28	457	2	43	1.91	<4	9	19	4	1.95	0.44	14	0.88	551	1	23	582	18	1.40	<5	10	<10	130	1824	2	38	<10	7	104
46872	1377834	0.110	<1	5.37	33	473	2	17	2.13	<4	11	19	16	2.22	0.23	16	1.08	664	<1	25	1042	61	1.71	<5	<5	<10	131	1747	15	36	<10	6	275
46873	1377835	0.050	<1	7.31	22	486	2	17	3.37	<4	10	20	6	2.10	0.44	17	1.29	828	<1	22	<100	21	1.56	<5	14	<10	162	1736	9	37	<10	8	66
46874	1377836	0.044	<1	7.27	30	487	3	42	3.45	<4	9	21	5	2.25	0.47	19	1.34	864	<1	28	781	20	1.67	<5	<5	<10	160	1669	7	37	<10	8	69
46875D	1377836	0.051	<1	6.83	33	473	2	34	3.35	<4	9	23	7	2.19	0.48	15	1.31	851	<1	30	103	18	1.59	<5	15	<10	154	1576	2	35	<10	8	78
46876	1377837	0.069	1	5.87	25	384	2	9	2.91	<4	10	30	12	1.91	0.53	10	0.96	690	1	32	1620	36	1.37	<5	<5	<10	140	1621	6	37	<10	8	105
46877	1377838	0.429	2	4.88	72	382	2	19	1.24	<4	19	106	54	3.39	0.38	7	0.91	558	3	67	<100	52	3.30	<5	<5	<10	81	2028	<2	73	11	12	557
46878	1377839	0.548	2	4.97	72	457	<2	5	0.32	4	8	30	56	2.11	0.37	9	0.45	150	2	33	341	87	2.62	<5	<5	<10	64	1526	6	34	17	7	1149
46879	1377840	5.285	68	4.67	34	470	2	18	1.48	20	15	38	51	3.07	0.38	16	0.88	492	2	22	<100	582	0.95	78	7	235	243	1913	<2	90	60	15	1845
46880	1377841	0.227	2	5.30	56	592	2	20	1.33	5	8	37	22	1.98	0.23	13	0.87	357	5	51	<100	47	1.84	<5	<5	<10	108	1745	<2	35	24	6	1325
46881	1377842	0.173	2	7.06	73	454	3	25	2.23	<4	21	105	147	3.37	0.34	23	1.38	637	3	71	3067	30	2.96	6	8	<10	135	2140	12	79	10	13	267
46882	1377843	0.134	1	5.82	57	280	2	22	1.40	<4	21	150	58	3.48	0.17	17	1.45	593	4	88	<100	27	2.41	<5	<5	<10	88	1947	<2	86	<10	12	199

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Date Received: 03/15/2013
 Date Completed: 04/04/2013
 Job #: 201340604
 Reference: TL13-334
 Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46883	1377844	0.161	1	6.12	95	266	2	26	1.58	<4	20	152	39	3.39	0.50	13	1.40	611	5	87	240	28	2.84	<5	<5	<10	89	1640	<2	76	<10	13	112
46884	1377845	0.491	1	6.22	112	294	3	26	0.64	<4	20	149	27	3.44	0.42	14	0.87	285	4	86	808	41	3.58	<5	<5	<10	70	1669	<2	87	<10	12	245
46885	1377846	0.156	1	6.58	71	319	2	9	1.53	<4	21	163	34	3.20	0.65	14	1.18	456	5	88	1464	39	3.18	<5	8	<10	92	1595	7	86	<10	13	65
46886D	1377846	0.170	1	6.63	79	323	2	19	1.56	<4	20	164	34	3.23	0.56	15	1.19	460	5	88	1839	41	3.16	<5	<5	<10	94	1601	4	86	<10	14	90
46887	1377847	0.233	1	4.85	29	332	2	33	0.39	<4	17	123	84	3.37	0.41	9	0.92	305	5	87	1070	147	2.30	<5	<5	<10	51	1384	<2	76	11	12	479
46888	1377848	0.241	<1	4.99	76	309	2	8	1.03	<4	17	108	33	3.00	0.34	10	1.15	409	4	63	434	63	2.63	<5	6	<10	89	1319	3	61	<10	11	164
46889	1377849	0.193	<1	5.25	66	244	2	18	0.64	<4	19	126	22	3.54	0.32	16	1.88	549	2	63	<100	73	2.19	<5	<5	<10	70	1902	<2	69	<10	10	114
46890	1377850	0.009	<1	5.23	5	415	<2	31	2.37	<4	16	56	22	3.18	0.35	12	1.30	645	1	25	871	11	0.54	<5	<5	<10	288	2719	<2	111	23	17	56
46891	1377851	1.571	8	5.55	105	334	2	22	1.02	5	19	139	162	3.81	0.29	19	1.21	394	5	82	449	1741	3.52	6	<5	<10	83	1595	5	83	17	12	1043
46892	1377852	0.322	1	5.43	74	315	2	16	1.02	<4	19	121	48	3.38	0.19	17	1.47	565	3	63	<100	82	2.47	<5	<5	<10	83	1803	5	69	<10	12	436
46893	1377853	1.831	8	5.58	90	399	2	14	0.62	4	17	110	137	3.20	0.52	15	0.71	258	4	57	287	1081	3.61	9	<5	<10	64	1697	<2	63	14	11	1005
46894	1377854	0.114	<1	6.34	42	479	2	13	1.53	<4	9	33	21	2.19	0.45	15	1.04	386	2	30	<100	68	1.94	<5	<5	<10	97	1768	<2	40	<10	8	163
46895	1377855	0.230	2	5.41	44	416	2	49	1.05	<4	9	34	30	1.73	0.44	11	0.81	414	2	31	<100	144	1.62	<5	<5	<10	71	1648	<2	37	<10	7	430
46896	1377856	0.294	3	5.36	42	375	2	17	1.06	<4	8	36	66	1.67	0.68	11	0.82	417	2	37	2024	245	1.65	<5	<5	<10	73	1551	<2	35	14	7	499
46897D	1377856	0.174	3	5.37	44	379	2	12	1.07	<4	8	37	67	1.70	0.60	11	0.83	425	2	34	375	251	1.68	<5	<5	<10	73	1570	2	35	12	7	506
46898	1377857	0.292	4	6.07	49	475	2	8	1.15	<4	8	28	36	1.38	0.55	13	0.88	518	2	28	617	114	1.17	<5	<5	<10	78	1864	4	38	13	7	340
46899	1377858	3.234	3	5.68	59	394	2	3	1.10	<4	17	82	26	2.46	0.49	13	1.11	529	3	61	<100	66	1.80	<5	6	<10	72	2066	<2	64	10	10	179
46900	1377859	0.251	2	6.56	48	412	2	21	0.66	4	21	145	55	3.15	0.49	13	1.13	432	5	88	<100	151	2.01	<5	<5	<10	67	2403	<2	98	12	14	693
46901	1377860	0.441	2	5.58	50	298	2	27	1.14	5	14	36	2179	4.90	0.32	27	0.87	1046	15	23	<100	80	3.56	<5	<5	<10	185	951	2	60	19	10	595
46902	1377861	0.279	2	6.99	84	316	2	21	1.63	<4	15	110	84	3.00	0.13	19	1.26	494	5	66	1619	87	2.77	6	<5	<10	80	1725	<2	68	<10	13	281

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
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Wednesday, April 17, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 03/15/2013
 Date Completed: 04/04/2013
 Job #: 201340604
 Reference: TL13-334
 Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
46903	1377862	1.836	24	6.43	146	354	2	15	1.19	6	17	108	290	3.49	0.57	12	1.31	581	6	80	<100	950	3.14	20	<5	<10	75	1848	11	72	23	14	1674
46904	1377863	0.110	2	7.46	39	504	2	11	1.93	<4	8	34	40	1.70	0.64	15	1.18	713	2	35	968	68	1.28	6	<5	<10	95	1828	<2	40	<10	9	124
46905	1377864	0.212	2	6.14	51	515	<2	21	1.11	<4	8	31	40	1.52	0.42	14	0.87	394	3	36	<100	99	1.36	<5	<5	<10	68	1758	4	37	10	7	224
46906	1377865	0.115	1	6.60	52	523	<2	8	1.46	<4	8	30	26	1.69	0.55	17	1.09	564	2	31	<100	114	1.49	<5	<5	<10	86	1865	<2	38	12	8	537
46907	1377866	0.062	<1	6.45	61	471	2	9	1.71	<4	8	34	70	1.53	0.43	12	1.13	595	4	38	<100	62	1.31	<5	<5	<10	87	1742	<2	35	<10	8	498
46908R	1377866	0.058	<1	6.35	46	470	2	3	1.73	<4	8	35	29	1.61	0.38	12	1.16	614	3	38	617	44	1.35	<5	8	<10	86	1752	<2	36	<10	8	273

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 Date Received: 03/18/2013
 Date Completed: 04/04/2013
 Job #: 201340613
 Reference: TL13-335
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
47978	1377924	0.100	1	4.06	5	205	2	18	0.41	4	21	134	35	3.91	<0.01	33	3.04	539	6	109	467	34	1.78	<5	<5	<10	48	1711	6	69	<10	11	428
47979	1377925	0.242	4	4.46	85	322	2	2	0.71	55	19	155	85	4.02	<0.01	23	0.82	328	15	129	393	678	4.35	6	<5	<10	70	1522	<2	71	146	10	15168
47980	1377926	0.437	6	5.42	31	354	2	30	1.80	15	14	62	486	4.02	<0.01	28	1.27	599	5	66	493	449	3.09	5	<5	<10	87	1724	<2	43	43	9	3931
47981	1377927	0.307	4	4.67	47	382	<2	<1	0.54	6	9	46	80	1.97	<0.01	25	0.62	245	4	59	380	404	1.66	<5	<5	<10	52	1567	10	35	26	6	2020
47982	1377928	0.159	2	5.45	44	474	2	7	1.24	<4	10	37	30	1.85	<0.01	29	1.01	495	2	48	441	111	1.25	8	6	<10	84	1779	6	36	<10	6	138
47983	1377929	0.194	3	5.76	52	494	2	22	1.21	<4	10	51	33	2.01	<0.01	31	1.06	496	5	67	467	288	1.33	<5	<5	<10	100	1783	<2	37	<10	7	353
47984	1377930	<0.005	<1	4.49	7	386	2	10	2.22	<4	15	52	22	3.09	<0.01	23	1.25	620	<1	26	564	8	0.18	<5	6	<10	262	2498	<2	106	25	16	59
47985	1377931	0.043	1	5.64	44	395	2	23	2.18	<4	9	44	16	1.96	<0.01	27	1.36	617	3	62	480	27	0.79	<5	9	<10	112	1650	<2	36	<10	8	73
47986	1377932	1.772	2	5.35	42	455	2	11	1.66	<4	8	31	8	1.59	<0.01	24	1.09	516	<1	41	457	55	0.72	<5	<5	<10	102	1761	3	35	<10	6	109
47987	1377933	0.143	1	4.39	29	354	2	7	1.46	<4	8	27	11	1.71	<0.01	17	1.02	461	<1	32	453	100	1.21	<5	5	<10	87	1505	<2	29	10	6	712
47988D	1377933	0.134	1	5.30	28	447	2	7	1.55	<4	8	30	12	1.76	<0.01	20	1.06	481	<1	36	455	103	1.24	6	<5	<10	99	1710	5	33	11	7	727
47989	1377934	0.047	1	5.52	30	418	2	<1	1.87	<4	10	38	9	1.76	<0.01	19	1.17	481	<1	49	461	34	0.89	<5	<5	<10	104	1615	<2	32	<10	7	70
47990	1377935	0.130	2	5.10	35	407	2	<1	1.92	<4	9	29	15	1.86	<0.01	27	1.05	472	<1	35	454	37	1.29	<5	<5	<10	83	1744	<2	34	11	7	493
47991	1377936	0.155	2	5.69	31	393	2	19	2.00	<4	9	27	19	1.88	<0.01	26	1.12	506	<1	34	459	33	1.31	<5	9	<10	84	1736	<2	33	17	7	717
47992	1377937	0.034	2	6.58	30	465	2	12	2.73	<4	9	28	8	1.78	<0.01	24	1.44	677	<1	33	478	18	0.76	<5	<5	<10	113	1822	<2	36	<10	8	52
47993	1377938	0.097	1	6.20	38	456	2	10	2.39	<4	8	32	27	1.81	<0.01	16	1.40	872	<1	41	431	89	0.78	<5	<5	<10	108	1537	4	31	<10	7	329
47994	1377939	0.429	5	5.04	58	367	<2	29	0.61	14	8	48	90	2.23	<0.01	18	0.65	320	4	69	408	403	1.99	<5	<5	<10	56	1590	<2	33	46	7	3688
47995	1377940	2.131	<1	5.10	13	424	2	9	2.37	<4	17	57	33	3.62	<0.01	17	1.41	698	<1	30	609	10	0.19	<5	5	<10	274	2707	<2	119	19	17	110
47996	1377941	0.302	1	5.12	35	377	2	<1	1.30	<4	8	36	37	1.62	<0.01	17	1.04	587	<1	45	437	50	0.95	<5	6	<10	78	1670	<2	35	<10	7	125
47997	1377942	0.108	1	5.14	50	364	<2	34	1.42	<4	9	34	18	1.78	<0.01	19	1.05	554	<1	40	432	61	1.23	<5	6	<10	78	1643	<2	34	<10	6	175

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Final Certificate

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 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/18/2013
 Date Completed: 04/04/2013
 Job #: 201340613
 Reference: TL13-335
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
47998	1377943	0.938	2	4.89	42	326	2	17	1.36	10	9	32	28	1.93	<0.01	15	1.03	417	<1	39	448	157	1.47	<5	<5	<10	67	1564	<2	31	30	7	2309
47999D	1377943	0.904	3	3.79	46	290	<2	8	1.19	10	7	32	30	1.86	<0.01	11	0.94	387	1	39	418	161	1.39	<5	5	<10	58	1439	2	29	25	6	2236
48000	1377944	0.040	<1	5.05	21	353	2	<1	1.93	<4	7	28	6	1.53	<0.01	20	1.29	565	<1	34	456	15	0.56	<5	<5	<10	81	1683	4	32	<10	7	78
48001	1377945	0.027	<1	5.78	15	409	2	9	2.14	<4	8	37	9	1.67	<0.01	19	1.43	521	<1	45	470	21	0.57	<5	7	<10	102	1635	<2	33	<10	7	61
48002	1377946	0.026	<1	5.96	19	398	2	13	2.57	<4	9	31	4	1.75	<0.01	19	1.48	563	<1	41	503	15	0.58	<5	8	<10	108	1647	4	34	<10	7	42
48003	1377947	0.030	<1	6.82	20	392	2	17	3.00	<4	9	28	3	1.88	<0.01	27	1.85	830	<1	32	500	10	0.64	<5	9	<10	109	1788	<2	36	<10	7	48
48004	1377948	1.136	1	6.18	30	337	2	21	2.63	<4	8	26	42	1.99	<0.01	18	1.66	788	<1	30	456	29	1.03	<5	<5	<10	97	1449	<2	33	<10	7	98
48005	1377949	0.023	<1	7.26	15	369	2	5	2.60	<4	8	30	6	1.79	<0.01	25	1.50	478	<1	38	503	9	0.55	<5	8	<10	107	1763	<2	36	<10	8	36
48006	1377950	<0.005	<1	5.09	7	412	<2	22	2.33	<4	16	52	22	3.14	<0.01	15	1.28	637	<1	28	562	3	0.17	<5	<5	<10	283	2663	<2	109	21	16	53
48007	1377951	0.236	1	6.48	16	321	2	8	2.29	<4	12	50	10	2.37	<0.01	21	1.73	651	<1	43	481	23	1.02	<5	<5	<10	112	1813	<2	51	<10	8	48
48008	1377952	0.159	<1	4.73	23	183	2	23	0.90	<4	20	122	29	4.24	<0.01	21	2.83	772	<1	73	475	36	1.81	<5	<5	<10	73	1731	6	72	<10	10	201
48009	1377953	0.118	3	6.27	10	257	2	9	1.93	8	23	142	96	4.48	<0.01	20	1.79	669	15	88	548	129	1.69	<5	<5	<10	133	2020	<2	92	27	14	2329
48010D	1377953	0.141	2	5.62	8	237	2	21	1.86	9	22	139	99	4.53	<0.01	17	1.76	664	14	84	561	135	1.69	<5	<5	<10	126	1949	2	88	26	14	2374
48011	1377954	0.025	1	5.25	3	258	2	23	1.71	<4	21	140	45	3.50	<0.01	21	1.47	615	<1	67	497	34	0.59	<5	<5	<10	115	2572	<2	79	<10	14	149
48012	1377955	0.101	1	4.24	4	223	2	23	1.22	<4	21	112	58	3.26	<0.01	17	1.37	501	<1	69	483	22	0.96	<5	<5	<10	101	2011	<2	63	<10	14	108
48013	1377956	0.050	1	4.79	7	222	2	8	1.30	<4	20	112	49	3.34	<0.01	16	1.37	493	<1	65	491	21	1.02	<5	<5	<10	99	2100	<2	64	<10	15	74
48014	1377957	0.142	1	5.98	9	307	2	22	1.74	<4	22	129	50	3.31	<0.01	17	1.36	548	<1	74	463	25	1.03	<5	<5	<10	121	2564	<2	83	<10	15	60
48015	1377958	0.146	1	5.67	35	373	2	13	1.53	<4	16	86	54	2.60	<0.01	15	1.12	621	<1	55	479	70	1.36	<5	6	<10	101	2133	8	59	<10	12	119
48016	1377959	0.164	1	5.41	36	434	2	7	1.43	<4	10	28	47	1.75	<0.01	12	1.06	628	<1	35	462	79	0.94	<5	<5	<10	82	1844	<2	37	<10	6	397
48017	1377960	5.020	65	3.35	38	447	<2	10	1.31	20	15	33	52	2.86	<0.01	5	0.83	477	<1	22	500	570	0.46	68	<5	215	230	1823	<2	84	58	13	1793

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 Job #: 201340613
 Reference: TL13-335
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
48018	1377961	0.039	<1	5.28	22	313	2	13	2.13	<4	9	24	8	1.69	<0.01	15	1.31	625	<1	29	468	33	0.58	<5	<5	<10	88	1444	<2	29	<10	7	61
48019	1377962	0.712	3	4.98	56	329	2	8	1.39	<4	12	53	83	2.22	<0.01	14	1.01	678	<1	49	447	454	1.57	<5	8	<10	76	1672	<2	41	12	8	845
48020	1377963	1.664	6	4.16	69	495	2	14	0.50	6	13	67	116	2.29	<0.01	11	0.60	364	<1	47	391	469	2.12	<5	8	<10	49	1792	<2	52	23	8	1695
48021D	1377963	1.700	6	3.55	69	479	2	<1	0.44	6	13	67	117	2.30	<0.01	8	0.56	352	<1	48	397	468	2.14	5	<5	<10	44	1720	<2	50	19	8	1734
48022	1377964	0.105	<1	4.73	45	341	2	24	1.67	<4	10	40	26	1.89	<0.01	15	1.13	798	<1	42	464	65	1.09	<5	<5	<10	74	1521	<2	35	<10	7	128
48023	1377965	0.964	6	3.27	98	265	2	7	0.28	8	8	67	134	2.77	<0.01	2	0.45	229	16	83	279	815	2.72	<5	<5	<10	48	1170	3	28	24	5	2162
48024	1377966	0.349	2	3.86	50	338	<2	10	0.38	4	8	40	68	1.75	<0.01	10	0.58	297	2	52	407	245	1.35	<5	7	<10	46	1575	<2	33	14	6	1060
48025	1377967	0.157	<1	4.36	46	345	2	6	0.70	<4	9	33	30	1.71	<0.01	13	0.72	364	<1	39	439	81	1.31	<5	<5	<10	61	1544	<2	32	<10	6	243
48026	1377968	0.030	<1	5.50	25	359	2	3	2.42	<4	7	29	7	1.63	<0.01	14	1.42	751	<1	34	467	38	0.63	<5	<5	<10	91	1315	<2	30	<10	7	65
48027	1377969	0.121	1	3.69	25	238	2	17	2.28	10	7	32	30	2.41	<0.01	5	1.49	1098	<1	38	321	29	1.61	<5	<5	<10	92	1136	<2	26	25	5	2619
48028	1377970	<0.005	<1	4.53	7	408	<2	11	2.26	<4	16	51	22	3.11	0.07	8	1.25	644	<1	27	547	4	0.18	<5	5	<10	283	2682	<2	107	22	16	90
48029	1377971	0.041	2	4.19	5	383	2	25	1.48	6	5	37	30	1.75	<0.01	9	1.09	826	<1	42	373	242	0.91	<5	<5	<10	91	1394	<2	33	21	6	1657
48030	1377972	0.012	1	4.81	4	345	2	<1	2.23	<4	7	30	18	1.78	<0.01	10	1.34	901	<1	32	434	75	0.68	<5	8	<10	105	1411	3	31	24	7	402
48031	1377973	0.053	1	4.89	7	380	2	28	1.91	<4	20	145	48	3.73	<0.01	25	1.44	931	2	83	489	58	0.95	<5	<5	<10	177	2512	<2	83	<10	14	107
48032D	1377973	0.054	<1	4.37	3	366	2	9	1.78	<4	21	146	46	3.76	<0.01	21	1.41	924	2	86	485	49	0.95	<5	<5	<10	169	2461	2	82	<10	14	100
48033	1377974	0.299	2	4.90	30	462	2	17	1.68	4	20	133	55	3.52	<0.01	14	1.15	752	<1	73	474	149	1.97	<5	<5	<10	173	2175	<2	77	<10	14	462
48034	1377975	0.018	<1	4.83	4	321	2	23	1.61	<4	22	137	44	3.50	<0.01	28	1.29	557	<1	71	500	25	0.54	<5	<5	<10	165	2498	<2	81	<10	11	82
48035	1377976	0.023	<1	3.85	5	288	2	14	1.29	<4	22	145	48	3.65	<0.01	27	1.35	553	1	81	512	23	0.55	<5	<5	<10	134	2203	<2	79	<10	12	72
48036	1377977	0.180	<1	5.41	5	283	2	27	1.37	<4	23	166	45	3.99	<0.01	27	1.46	523	11	105	544	20	0.52	<5	<5	<10	147	2609	6	87	<10	14	70
48037	1377978	2.527	6	4.30	96	370	2	20	0.92	26	20	138	249	4.55	<0.01	20	0.90	494	5	97	414	1871	4.14	6	<5	<10	129	2117	2	78	85	12	9026

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/18/2013
 Date Completed: 04/04/2013
 Job #: 201340613
 Reference: TL13-335
 Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
48038	1377979	0.114	3	4.92	22	432	2	22	1.41	5	19	141	59	3.49	<0.01	21	1.22	809	4	85	501	190	1.59	5	<5	<10	168	2341	<2	79	13	15	774
48039	1377980	0.398	3	4.75	70	289	<2	14	1.03	7	14	33	2195	4.82	<0.01	23	0.84	1020	13	21	644	103	3.06	<5	<5	<10	178	939	<2	58	11	9	776
48040	1377981	0.057	1	5.17	37	369	2	12	1.52	<4	21	135	96	3.40	<0.01	18	1.11	731	2	72	469	59	1.62	<5	6	<10	155	2445	<2	81	<10	15	261
48041	1377982	0.051	2	4.36	37	404	<2	13	1.30	<4	18	125	55	2.78	<0.01	8	1.00	733	<1	61	440	36	1.16	<5	7	<10	155	2315	4	71	<10	14	127
48042	1377983	0.083	1	4.78	32	362	2	26	1.31	<4	13	70	49	2.31	<0.01	12	0.82	513	<1	40	383	109	1.04	<5	6	<10	147	1919	<2	54	11	10	523
48043R	1377983	0.091	2	5.82	79	394	2	8	1.47	4	14	80	119	2.47	<0.01	13	0.84	523	<1	51	389	152	1.22	<5	<5	<10	163	2013	<2	58	12	11	854
48044	1377984	0.047	<1	5.03	33	363	<2	28	1.10	<4	7	22	27	1.32	<0.01	4	0.56	371	<1	21	334	119	0.72	<5	<5	<10	133	1327	<2	28	<10	5	216
48045	1377985	0.042	<1	5.68	37	421	<2	18	0.38	<4	8	17	15	1.56	<0.01	6	0.38	160	<1	18	319	30	1.35	<5	<5	<10	101	1471	2	30	<10	6	90
48046	1377986	0.048	1	5.82	24	395	<2	15	2.37	<4	18	127	36	3.02	<0.01	16	1.28	652	4	59	536	45	1.11	<5	<5	<10	206	2393	<2	70	<10	14	120

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Date Received: 03/18/2013
 Date Completed: 04/09/2013
 Job #: 201340614
 Reference: TL13-336
 Sample #: 57

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
48047	1377867	0.045	2	6.08	34	328	2	12	0.89	<4	20	139	30	3.49	<0.01	16	1.97	492	1	82	448	22	1.61	<5	<5	<10	86	1801	4	83	<10	11	230
48048	1377868	0.717	9	4.82	46	268	2	12	0.62	8	17	120	145	3.74	<0.01	4	1.02	280	4	81	418	2122	2.98	<5	<5	<10	71	1140	3	66	21	12	1611
48049	1377869	0.321	1	5.87	38	325	2	10	0.92	<4	22	167	44	3.74	<0.01	14	1.60	528	4	103	496	88	1.63	<5	<5	<10	82	2308	<2	92	<10	13	136
48050	1377870	<0.005	<1	5.15	3	411	<2	15	2.29	<4	15	52	24	3.12	<0.01	5	1.26	622	<1	26	548	2	0.19	<5	<5	<10	289	2684	<2	108	20	17	81
48051	1377871	0.071	1	5.85	14	297	2	5	1.72	<4	19	138	37	3.23	<0.01	16	1.65	544	2	87	533	78	1.17	<5	<5	<10	104	2360	5	78	<10	14	147
48052	1377872	0.197	<1	5.37	41	416	2	21	1.40	<4	9	34	22	2.17	<0.01	9	1.04	492	<1	41	433	44	1.54	<5	<5	<10	84	1792	<2	38	<10	7	290
48053	1377873	0.101	4	5.62	35	397	2	3	1.38	<4	9	75	30	1.99	<0.01	5	1.01	500	10	116	448	542	1.13	<5	5	<10	83	1802	<2	39	<10	7	549
48054	1377874	0.210	<1	5.62	47	417	<2	<1	1.90	<4	8	41	15	2.13	<0.01	10	1.20	619	3	54	452	56	1.50	<5	<5	<10	105	1739	<2	35	<10	7	141
48055	1377875	0.077	<1	4.25	39	333	<2	<1	1.16	<4	9	34	19	1.63	<0.01	6	0.98	450	1	44	415	60	1.04	<5	<5	<10	74	1650	<2	32	<10	6	191
48056	1377876	0.093	2	>10.00	46	480	2	1	1.87	<4	8	49	24	1.44	1.88	33	0.64	403	10	62	468	72	1.34	<5	9	13	149	2142	12	36	10	6	114
48057D	1377876	0.111	3	>10.00	55	504	2	9	2.01	<4	8	53	22	1.54	2.06	55	0.88	442	11	74	478	87	1.36	<5	10	14	145	2112	8	38	13	6	120
48058	1377877	0.067	<1	3.99	40	370	<2	9	0.66	<4	9	32	14	1.62	<0.01	8	0.98	371	<1	43	437	37	1.06	<5	<5	<10	52	1721	<2	34	<10	5	41
48059	1377878	0.105	2	4.84	28	371	<2	9	1.52	<4	8	38	17	1.82	<0.01	10	1.13	446	<1	46	441	202	1.22	<5	<5	<10	82	1735	<2	35	<10	6	633
48060	1377879	0.034	<1	5.62	30	354	<2	10	1.94	<4	9	58	6	1.95	<0.01	10	1.36	572	4	74	464	47	1.13	<5	<5	<10	103	1724	<2	37	<10	6	93
48061	1377880	1.985	<1	3.80	11	396	<2	9	2.17	<4	17	53	31	3.47	0.04	3	1.33	669	<1	30	563	6	0.15	<5	6	<10	257	2554	<2	115	19	15	67
48062	1377881	0.044	1	4.99	25	328	2	6	1.87	<4	8	36	8	1.86	<0.01	6	1.32	660	<1	40	469	42	1.07	<5	<5	<10	94	1716	6	37	<10	7	58
48063	1377882	0.021	1	5.88	25	382	2	6	1.71	<4	9	28	6	1.66	<0.01	11	1.20	563	<1	32	462	36	0.90	<5	<5	<10	100	1859	<2	37	<10	7	89
48064	1377883	0.118	2	5.71	25	353	2	11	0.93	<4	9	30	42	2.01	<0.01	12	0.94	408	<1	35	412	99	1.47	<5	5	<10	74	1750	<2	35	10	7	595
48065	1377884	<0.005	<1	1.27	2	73	<2	<1	0.27	<4	2	98	5	0.69	0.35	<1	0.32	105	12	112	<100	8	0.25	<5	<5	<10	46	429	<2	11	<10	4	27
48066	1377885	0.016	1	6.84	4	450	<2	<1	2.49	<4	9	39	11	1.91	<0.01	8	1.33	587	<1	42	480	48	0.68	<5	<5	<10	140	1773	<2	36	<10	7	67

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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Wednesday, April 17, 2013


Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/18/2013
 Date Completed: 04/09/2013
 Job #: 201340614
 Reference: TL13-336
 Sample #: 57

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
48067	1377886	0.626	2	4.43	38	394	2	12	1.14	4	9	31	29	2.11	<0.01	8	1.06	620	<1	38	446	276	1.43	<5	<5	<10	79	1709	<2	35	18	6	1201
48068D	1377886	0.517	2	4.75	36	379	<2	4	1.13	5	9	34	28	2.12	<0.01	8	1.05	609	<1	44	437	283	1.43	<5	<5	<10	81	1707	6	35	17	6	1196
48069	1377887	0.071	<1	4.68	27	362	2	17	1.75	<4	9	35	17	1.89	<0.01	6	1.26	746	<1	40	468	44	1.03	<5	5	<10	81	1682	5	36	<10	6	93
48070	1377888	0.386	4	5.21	21	435	2	8	2.26	<4	8	38	243	1.80	<0.01	6	1.35	730	<1	42	420	197	0.89	5	<5	<10	96	1606	<2	35	12	7	409
48071	1377889	0.042	<1	4.82	36	377	<2	4	1.77	<4	13	62	15	1.68	<0.01	4	1.36	557	<1	54	429	13	0.50	<5	6	<10	86	1716	<2	38	<10	6	45
48072	1377890	0.007	<1	4.08	3	382	<2	15	2.16	<4	16	50	23	3.05	<0.01	5	1.23	608	<1	24	536	3	0.15	<5	<5	<10	265	2466	<2	105	19	16	59
48073	1377891	0.012	<1	4.96	12	337	<2	3	1.61	<4	9	25	10	1.66	<0.01	7	1.57	544	<1	27	464	4	0.36	<5	<5	<10	103	1730	10	34	<10	6	41
48074	1377892	0.055	<1	5.49	19	330	2	13	2.13	<4	9	27	16	1.74	<0.01	9	1.65	681	<1	29	453	14	0.50	<5	6	<10	95	1615	<2	33	<10	6	28
48075	1377893	0.065	1	5.90	14	291	2	18	1.77	<4	13	70	20	2.44	<0.01	11	1.77	711	<1	51	449	32	0.78	<5	<5	<10	87	1729	<2	55	<10	9	87
48076	1377894	0.116	1	3.75	34	216	2	25	0.53	<4	22	129	15	4.04	<0.01	17	2.59	542	<1	77	460	36	1.42	<5	<5	<10	56	1805	9	81	<10	9	69
48077	1377895	0.087	1	4.65	16	297	2	12	0.57	<4	19	133	31	3.60	<0.01	21	2.31	550	2	87	501	67	1.02	<5	<5	<10	72	1927	8	74	<10	11	87
48078	1377896	0.138	1	4.60	16	281	2	11	0.57	<4	19	134	32	3.61	<0.01	20	2.30	547	2	94	509	68	0.99	<5	<5	<10	73	1864	3	72	<10	11	92
48079D	1377896	0.098	1	4.54	18	302	2	18	0.55	<4	19	142	34	3.69	<0.01	19	2.32	555	4	99	523	71	0.99	<5	<5	<10	72	1968	15	78	<10	11	95
48080	1377897	0.398	2	5.29	45	326	2	16	0.43	<4	20	134	40	3.20	<0.01	12	1.48	385	1	78	434	71	1.83	<5	<5	<10	65	1567	<2	83	<10	11	90
48081	1377898	1.426	2	5.54	10	403	2	12	1.75	<4	23	140	47	3.87	<0.01	17	1.65	581	<1	92	1089	49	1.60	<5	<5	<10	135	2206	<2	85	<10	17	108
48082	1377899	0.163	2	5.19	24	288	2	11	1.76	<4	20	148	75	3.43	<0.01	12	1.49	663	<1	64	516	65	1.06	<5	<5	<10	124	2332	<2	76	<10	14	120
48083	1377900	5.250	64	2.57	34	425	<2	7	1.21	19	14	34	51	2.84	<0.01	1	0.80	467	<1	22	492	555	0.43	60	<5	214	217	1739	6	83	50	12	1730
48084	1377901	0.116	2	5.41	6	346	2	9	0.92	<4	22	149	55	3.63	<0.01	18	1.41	524	<1	87	517	54	1.08	5	<5	<10	94	2533	<2	96	<10	13	116
48085	1377902	0.214	2	5.42	7	288	2	20	1.90	<4	22	144	48	3.79	<0.01	20	1.52	659	<1	90	500	37	1.04	<5	5	<10	120	2342	<2	78	<10	15	73
48086	1377903	0.134	1	5.25	38	332	<2	40	1.66	<4	17	64	70	2.95	<0.01	10	1.01	632	2	71	404	79	1.40	<5	<5	<10	86	1766	3	44	<10	10	119

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 03/18/2013
 Date Completed: 04/09/2013
 Job #: 201340614
 Reference: TL13-336
 Sample #: 57

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
48087	1377904	0.109	1	4.71	74	415	2	7	1.63	<4	15	77	43	2.50	<0.01	11	1.02	804	<1	63	437	172	1.49	<5	<5	<10	87	1892	<2	52	<10	10	258
48088	1377905	0.086	<1	4.72	38	407	<2	2	0.88	<4	12	59	27	1.77	<0.01	10	0.80	483	3	58	459	89	1.09	<5	<5	<10	68	1873	<2	49	<10	8	126
48089	1377906	0.280	3	4.66	55	355	<2	5	0.75	<4	9	51	28	1.90	<0.01	9	0.68	404	1	48	396	608	1.48	<5	5	<10	64	1678	<2	41	11	7	671
48090D	1377906	0.268	3	4.20	47	338	<2	9	0.71	<4	9	60	29	1.91	<0.01	5	0.65	399	2	63	393	627	1.44	5	<5	<10	61	1629	<2	40	<10	7	694
48091	1377907	0.142	1	5.27	32	375	2	12	1.55	<4	19	129	63	2.86	<0.01	18	1.12	733	2	88	470	77	1.04	<5	<5	<10	80	2364	<2	75	<10	13	110
48092	1377908	0.066	1	5.10	11	289	2	22	1.48	<4	22	136	94	3.34	<0.01	19	1.39	792	1	77	550	92	0.72	<5	<5	<10	85	2621	<2	81	<10	14	168
48093	1377909	0.267	1	3.98	60	240	<2	11	1.29	<4	17	112	68	2.73	<0.01	7	1.05	573	2	85	390	204	1.42	<5	<5	<10	77	1951	<2	58	<10	11	621
48094	1377910	0.032	<1	3.76	7	379	<2	5	2.10	<4	15	50	22	3.02	<0.01	7	1.19	602	<1	28	529	6	0.16	<5	<5	<10	264	2490	3	104	17	15	57
48095	1377911	0.098	<1	6.27	33	334	2	<1	1.96	<4	19	107	74	2.97	<0.01	21	1.49	765	2	71	469	65	0.98	<5	<5	<10	104	2419	9	73	<10	13	147
48096	1377912	0.380	3	4.58	98	265	2	7	0.67	10	16	115	183	2.96	<0.01	13	0.96	400	2	65	413	287	2.56	6	<5	<10	70	1839	<2	65	29	12	2770
48097	1377913	1.207	3	2.36	143	246	<2	13	0.14	10	16	109	99	3.81	<0.01	3	0.42	208	4	65	318	221	4.08	7	<5	<10	53	1645	5	59	28	8	2509
48098	1377914	0.061	3	3.24	11	387	2	16	3.01	5	12	98	96	3.45	<0.01	<1	1.67	1270	6	76	325	241	1.89	5	<5	<10	137	1391	<2	50	12	9	963
48099	1377915	0.033	<1	5.34	12	478	<2	11	2.75	<4	8	34	16	1.81	<0.01	10	1.56	781	5	39	437	26	0.66	<5	<5	<10	175	1446	<2	34	<10	7	120
48100	1377916	0.043	<1	4.97	17	463	2	1	2.58	<4	7	23	14	1.67	<0.01	10	1.47	717	<1	22	452	22	0.61	<5	5	<10	175	1418	<2	33	<10	6	107
48101D	1377916	0.048	<1	6.21	17	520	2	7	2.75	<4	7	26	13	1.72	<0.01	16	1.53	733	1	28	468	22	0.65	<5	<5	<10	192	1505	<2	34	<10	7	107
48102	1377917	0.045	1	5.48	11	531	2	11	2.65	7	16	79	42	2.60	<0.01	19	1.58	634	6	53	475	309	0.80	<5	<5	<10	183	1852	<2	55	12	10	1105
48103	1377918	0.041	1	5.51	3	395	2	4	1.54	<4	22	142	50	3.60	<0.01	25	1.38	635	<1	70	517	52	0.73	<5	<5	<10	156	2690	<2	86	<10	13	115
48104	1377919	0.050	<1	5.89	7	389	2	10	1.53	<4	24	140	47	3.71	<0.01	31	1.45	617	<1	74	506	35	0.86	<5	<5	<10	154	2805	<2	91	<10	15	71
48105	1377920	0.433	3	4.97	50	290	2	37	1.04	6	13	33	2176	4.80	<0.01	22	0.85	1020	13	20	638	74	3.01	<5	<5	<10	180	976	<2	59	<10	9	535
48106	1377921	0.073	1	6.08	25	402	2	4	1.88	<4	21	130	42	3.29	<0.01	17	1.24	597	<1	64	476	20	1.13	<5	<5	<10	162	2512	<2	82	<10	15	61

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALSu1

 Certified By: 
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Wednesday, April 17, 2013

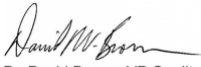
Final Certificate

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 Date Received: 03/18/2013
 Date Completed: 04/09/2013
 Job #: 201340614
 Reference: TL13-336
 Sample #: 57

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
48107	1377922	0.842	2	5.73	82	486	2	18	1.03	19	21	138	40	3.71	<0.01	20	0.93	488	<1	73	450	329	2.89	<5	<5	<10	121	2406	<2	85	48	14	4548
48108	1377923	0.037	3	>10.00	24	496	2	12	2.26	5	19	140	41	3.07	1.80	82	0.92	574	8	100	529	45	1.46	<5	10	15	200	2813	5	82	<10	9	120

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Friday, March 1, 2013


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 Date Received: 01/29/2013
 Date Completed: 02/12/2013
 Job #: 201340224
 Reference: TL0827-13RE
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17907	1368113	0.435	2	3.56	76	293	2	16	0.57	<4	11	114	79	2.85	0.11	8	0.82	338	10	121	458	240	2.45	6	<5	<10	59	1362	<2	46	22	8	545
17908	1368114	0.102	<1	6.63	35	502	3	34	1.90	<4	10	128	25	2.62	0.12	17	1.44	709	15	174	520	77	1.28	5	6	<10	95	1825	<2	51	<10	9	119
17909	1368115	0.040	<1	5.47	20	424	<2	53	1.61	<4	8	70	10	1.90	0.06	13	1.27	544	7	106	513	50	0.83	9	<5	<10	86	1701	<2	34	14	6	140
17910	1368116	0.057	<1	5.56	37	471	2	2	1.71	<4	7	74	11	2.01	0.07	15	1.23	625	10	111	493	133	1.30	5	<5	<10	96	1632	<2	35	15	7	320
17911	1368117	0.062	<1	5.04	42	404	<2	20	1.03	<4	7	58	11	1.83	0.23	12	0.87	471	8	90	502	26	1.32	<5	<5	<10	67	1707	<2	34	10	6	62
17912	1368118	0.050	<1	5.12	32	438	2	29	1.81	<4	6	73	13	1.86	0.14	12	1.27	844	11	120	479	37	1.11	6	<5	<10	80	1522	<2	32	10	6	58
17913	1368119	0.109	<1	5.40	38	387	2	6	1.56	<4	7	78	23	1.96	0.06	13	1.16	722	11	123	479	42	1.20	8	<5	<10	74	1503	<2	32	<10	7	131
17914	1368120	<0.005	<1	2.70	5	312	2	19	1.86	<4	13	53	21	3.09	0.09	6	1.24	620	<1	29	536	8	0.33	<5	<5	<10	202	2295	<2	98	30	14	51
17915	1368121	0.049	<1	5.53	34	431	2	12	1.62	<4	7	50	28	1.89	0.08	14	1.20	655	5	67	467	39	1.36	8	8	<10	80	1490	<2	33	<10	7	81
17916	1368122	0.085	<1	5.62	38	458	2	30	1.42	<4	7	76	19	1.72	0.08	13	1.00	533	11	113	460	51	1.12	6	<5	<10	77	1567	<2	34	13	7	89
17917D	1368122	0.068	<1	4.84	35	421	<2	27	1.31	<4	6	78	18	1.71	0.05	11	0.94	517	11	121	447	45	1.03	8	<5	<10	71	1511	<2	32	<10	6	90
17918	1368123	0.024	<1	5.71	70	440	2	<1	2.23	<4	7	66	79	1.92	0.16	12	1.31	554	10	96	543	65	0.84	7	<5	<10	90	1510	<2	32	17	7	315
17919	1368124	1.044	2	4.32	22	346	2	<1	1.12	<4	5	36	91	1.95	0.09	10	0.93	445	1	48	423	356	1.39	8	<5	<10	65	1468	<2	29	20	6	674
17920	1368125	0.153	<1	4.24	41	416	<2	16	0.42	<4	6	58	38	1.75	0.07	8	0.59	265	8	90	432	93	1.39	5	<5	<10	51	1557	<2	31	14	6	327
17921	1368126	0.129	1	4.81	50	435	2	16	0.48	<4	7	32	25	1.71	1.07	10	0.64	270	4	47	454	79	1.47	8	<5	<10	55	1652	<2	42	16	6	180
17922	1368127	0.152	<1	4.78	40	440	2	5	0.96	<4	6	27	47	1.61	0.63	11	0.82	443	2	33	433	68	1.42	6	<5	<10	63	1657	<2	39	29	6	919
17923	1368128	0.063	<1	4.82	34	435	2	37	2.03	<4	5	38	31	1.75	0.38	12	1.35	648	4	47	444	58	1.06	10	<5	<10	86	1364	<2	41	<10	6	93
17924	1368129	0.097	1	3.51	38	264	<2	19	1.47	11	6	31	28	1.64	<0.01	8	1.03	496	<1	41	427	193	1.40	8	<5	<10	64	1221	<2	32	80	5	4068
17925	1368130	5.756	65	2.99	37	420	<2	11	1.21	18	12	35	51	2.92	0.19	6	0.86	493	1	26	515	586	0.68	66	<5	210	202	1729	<2	79	96	12	1819
17926	1368131	0.029	<1	5.15	36	436	2	27	2.13	<4	7	38	9	1.92	0.28	11	1.42	594	4	49	478	44	1.17	<5	<5	<10	91	1438	<2	41	<10	6	110

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, March 1, 2013


Final Certificate

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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/29/2013
 Date Completed: 02/12/2013
 Job #: 201340224
 Reference: TL0827-13RE
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17927	1368132	0.019	<1	5.83	21	386	2	16	2.87	<4	7	41	7	1.97	0.20	13	1.64	766	5	50	498	34	1.05	9	<5	<10	106	1481	<2	43	16	7	65
17928D	1368132	0.019	<1	6.17	24	385	2	25	2.87	<4	7	42	7	1.96	0.15	14	1.64	763	4	53	490	30	1.12	14	<5	<10	109	1503	<2	42	15	7	63
17929	1368133	0.016	<1	5.13	24	362	2	5	2.43	<4	6	39	7	1.89	0.08	12	1.53	853	4	52	476	23	1.16	9	<5	<10	88	1420	<2	41	25	7	39
17930	1368134	0.031	<1	4.54	24	305	2	64	1.83	<4	10	61	12	2.61	0.03	17	2.28	873	<1	52	471	18	1.31	6	<5	<10	82	1693	<2	51	<10	7	138
17931	1368135	0.046	<1	5.27	35	331	<2	33	2.42	<4	14	88	26	3.12	<0.01	14	2.18	952	3	64	497	41	1.51	10	<5	<10	122	1903	<2	61	<10	10	110
17932	1368136	0.047	<1	4.52	16	240	2	34	1.73	<4	15	99	28	3.06	<0.01	14	1.94	680	2	64	485	28	1.44	7	<5	<10	108	1825	<2	60	<10	11	95
17933	1368137	0.066	<1	4.17	28	287	3	21	1.22	<4	18	140	32	3.55	<0.01	14	1.55	566	5	97	499	32	1.71	9	<5	<10	85	2073	<2	76	<10	13	68
17934	1368138	0.164	<1	5.08	47	373	3	15	1.80	<4	23	160	51	4.23	0.20	14	1.51	737	4	103	602	41	2.02	<5	<5	<10	105	2705	<2	85	<10	16	82
17935	1368139	0.083	<1	5.17	32	346	<2	24	2.47	<4	19	151	51	3.41	0.14	12	1.48	684	3	92	554	25	1.76	8	<5	<10	115	2121	<2	82	<10	16	219
17936	1368140	<0.005	<1	3.00	3	335	2	20	1.91	<4	12	53	21	3.10	0.11	6	1.24	623	<1	27	547	10	0.34	9	<5	<10	218	2372	<2	99	34	14	51
17937	1368141	0.066	<1	3.80	35	211	<2	30	2.23	<4	18	132	43	3.30	0.08	8	1.52	618	4	83	511	34	1.86	9	<5	<10	108	1871	<2	75	<10	12	82
17938	1368142	0.041	<1	4.37	3	231	2	<1	1.58	<4	19	136	43	3.62	0.10	17	1.70	679	3	87	523	31	1.01	11	<5	<10	101	2226	<2	77	<10	13	79
17939D	1368142	0.574	<1	4.12	2	216	<2	18	1.50	<4	20	127	41	3.45	0.16	16	1.64	650	3	78	492	28	0.96	13	<5	<10	97	2169	<2	71	<10	13	74
17940	1368143	0.053	<1	3.82	4	254	<2	10	1.51	<4	17	122	38	3.47	0.08	12	1.32	600	3	77	612	41	1.56	9	<5	<10	104	2009	<2	68	<10	13	168
17941	1368144	0.038	<1	4.75	2	556	<2	<1	2.35	<4	7	42	48	1.98	<0.01	10	1.32	562	1	42	484	30	0.76	8	<5	<10	123	1383	<2	41	<10	7	68
17942	1368145	0.016	<1	4.69	6	469	2	<1	2.11	<4	7	37	30	2.02	<0.01	11	1.31	669	2	43	485	69	1.16	6	<5	<10	109	1470	<2	40	22	6	531
17943	1368146	0.025	<1	4.83	2	497	2	22	2.11	<4	6	37	29	1.90	<0.01	11	1.31	669	3	36	472	80	1.09	9	<5	<10	112	1478	<2	37	15	6	248
17944	1368147	0.035	<1	3.57	15	358	<2	9	1.07	<4	6	32	14	1.61	0.05	9	0.82	395	2	44	451	70	1.15	6	<5	<10	75	1425	<2	36	15	5	315
17945	1368148	0.070	<1	3.31	14	374	<2	19	0.75	<4	6	29	28	1.42	0.10	7	0.62	278	2	37	445	213	1.02	6	<5	<10	67	1397	<2	33	<10	5	227
17946	1368149	0.023	<1	4.71	13	446	2	20	1.74	<4	7	31	6	1.73	0.08	13	1.07	381	4	41	474	23	1.08	9	<5	<10	114	1447	<2	37	<10	6	52

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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Friday, March 1, 2013


Final Certificate

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 Date Received: 01/29/2013
 Date Completed: 02/12/2013
 Job #: 201340224
 Reference: TL0827-13RE
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17947	1368150	0.236	<1	<0.01	432	>5000	2	23	0.83	<4	6	23	31	3.03	0.15	2	0.20	<100	11	14	<100	21	0.78	32	<5	<10	103	637	<2	15	89	7	20
17948	1368151	0.048	<1	4.73	22	443	2	11	2.03	<4	7	34	3	1.81	0.13	13	1.14	396	3	43	508	28	1.14	15	6	<10	130	1458	<2	36	<10	6	44
17949	1368152	0.298	<1	5.06	34	457	<2	43	1.62	<4	8	28	14	1.88	0.14	14	1.03	432	2	33	482	34	1.47	11	<5	<10	110	1508	<2	34	<10	6	114
17950D	1368152	0.257	<1	4.36	33	444	2	25	1.56	<4	7	30	12	1.85	0.09	11	0.97	419	3	38	468	30	1.37	8	<5	<10	105	1406	<2	34	10	6	111
17951	1368153	0.053	<1	4.30	24	466	2	25	1.70	<4	8	31	14	1.69	0.04	11	0.98	373	<1	38	470	27	1.07	<5	<5	<10	112	1405	<2	34	<10	6	83
17952	1368154	0.161	<1	3.85	35	432	<2	37	1.65	<4	6	34	9	2.04	0.02	9	1.02	391	2	43	458	43	1.32	9	<5	<10	109	1344	<2	35	12	5	426
17953	1368155	0.109	<1	4.39	25	402	2	20	1.75	<4	7	28	4	2.02	<0.01	12	1.13	383	<1	29	441	22	1.42	<5	<5	<10	113	1449	<2	34	<10	5	44
17954	1368156	0.048	3	5.04	2	460	2	47	2.91	<4	6	34	31	1.97	0.04	11	1.75	905	2	36	452	193	0.89	7	<5	<10	135	1402	3	39	25	6	213
17955	1368157	0.105	2	6.08	<2	438	2	13	2.18	4	8	36	80	2.10	0.04	17	1.26	655	2	42	509	1105	1.08	8	<5	<10	123	1740	<2	43	50	7	1759
17956	1368158	1.457	2	5.24	3	385	2	3	1.93	15	7	33	122	2.41	0.03	15	1.20	689	3	38	469	591	1.61	<5	<5	<10	107	1581	<2	40	96	7	4880
17957	1368159	0.152	<1	5.44	9	453	2	13	2.34	<4	6	33	26	2.11	0.10	15	1.33	728	2	37	480	98	1.01	8	<5	<10	119	1459	<2	37	18	6	403
17958	1368160	0.005	<1	3.62	2	350	<2	31	2.01	<4	13	53	21	3.13	0.12	8	1.28	636	<1	30	552	6	0.38	8	<5	<10	233	2464	<2	101	32	14	54
17959	1368161	0.131	<1	4.38	8	350	2	27	2.13	<4	6	30	22	1.65	0.11	12	1.24	655	1	37	422	39	0.84	7	<5	<10	99	1264	<2	34	<10	6	60
17960	1368162	0.091	<1	5.09	3	354	2	<1	2.03	<4	13	89	55	2.81	0.10	17	1.26	630	2	63	486	127	0.86	6	6	<10	109	1992	2	61	10	10	326
17961D	1368162	0.096	<1	5.38	<2	363	2	44	2.11	<4	13	90	55	2.82	0.11	17	1.30	640	3	61	487	126	0.87	8	<5	<10	114	2006	<2	60	15	11	320
17962	1368163	0.219	<1	5.23	11	269	2	23	1.89	<4	16	106	45	3.41	0.06	18	1.53	709	1	59	480	39	1.36	8	<5	<10	130	2073	<2	69	<10	13	312
17963	1368164	0.196	<1	4.26	23	366	<2	39	2.43	<4	9	36	106	2.58	0.07	9	1.64	921	4	44	432	101	1.58	6	<5	<10	152	1444	<2	39	10	7	422
17964	1368165	0.171	1	4.17	23	470	2	7	1.39	<4	18	142	57	3.55	0.10	21	1.27	686	7	88	542	96	1.47	5	<5	<10	100	2067	<2	80	11	9	328
17965	1368166	0.225	1	4.77	25	522	<2	<1	1.46	<4	18	129	57	3.20	0.11	21	1.16	609	6	73	524	96	1.40	5	5	<10	110	2105	<2	76	13	9	322
17966	1368167	0.267	<1	4.20	8	441	2	23	1.45	<4	18	141	40	3.43	0.21	28	1.26	421	3	85	509	33	0.59	5	<5	<10	101	2227	<2	86	<10	7	52

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/29/2013
 Date Completed: 02/12/2013
 Job #: 201340224
 Reference: TL0827-13RE
 Sample #: 56

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
17967	1368168	0.086	<1	3.85	17	400	<2	38	1.70	<4	18	151	44	3.62	0.57	23	1.24	605	4	88	488	38	1.12	10	<5	<10	114	2186	<2	88	<10	8	139

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Tuesday, February 5, 2013

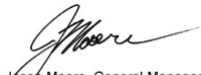
Final Certificate

Treasury Metals Inc
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 01/21/2013
 Date Completed: 01/31/2013
 Job #: 201340154
 Reference: TL 1095-13RE
 Sample #: 13

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
11751	1327190	1.687	2	5.93	36	468	<2	7	2.37	<4	15	<1	28	2.92	0.33	<1	0.98	562	<1	25	500	13	0.33	<5	12	<10	256	2548	<2	98	27	13	48
11752	1327191	0.014	<1	3.25	31	261	<2	13	1.20	<4	8	<1	17	1.71	0.21	<1	0.85	522	<1	59	429	35	0.86	<5	<5	<10	82	1229	<2	33	<10	5	61
11753	1327192	0.384	2	5.40	61	443	<2	4	0.56	<4	8	<1	30	1.70	0.43	<1	0.27	107	<1	55	384	67	1.62	<5	9	<10	77	1164	<2	34	<10	5	213
11754	1327193	0.230	1	4.36	45	326	<2	14	0.16	<4	7	<1	31	1.24	0.16	<1	0.17	<100	<1	26	382	22	1.29	<5	10	<10	57	929	<2	25	<10	4	244
11755	1327194	0.241	2	4.97	63	326	<2	7	0.24	6	11	<1	56	1.72	0.22	<1	0.18	<100	<1	54	290	32	1.81	<5	10	<10	65	905	<2	42	20	5	1326
11756	1327195	0.305	2	4.57	126	305	2	9	0.21	11	14	<1	84	3.10	0.20	<1	0.19	<100	<1	87	264	55	3.32	<5	8	<10	64	916	<2	55	35	5	2765
11757	1327196	0.300	2	4.36	70	282	2	10	0.09	16	6	<1	43	1.71	0.13	<1	0.19	<100	<1	71	382	49	1.78	<5	11	<10	57	995	<2	31	45	4	4113
11758	1327197	0.198	2	5.41	38	350	<2	16	0.57	<4	19	<1	56	2.68	0.12	<1	0.75	332	<1	93	465	80	1.45	<5	8	<10	73	1485	<2	78	<10	9	405
11759	1327198	0.034	1	5.36	39	486	<2	6	1.12	<4	8	<1	14	1.31	0.15	<1	0.66	337	<1	50	413	26	0.83	<5	6	<10	78	1371	<2	33	<10	5	71
11760	1327199	0.069	1	4.91	37	486	2	11	1.02	<4	7	<1	13	1.18	0.17	<1	0.59	341	<1	41	399	30	0.80	<5	15	<10	76	1485	<2	30	<10	4	90
11761D	1327199	0.094	2	6.54	31	673	<2	3	1.49	<4	7	<1	13	1.06	0.23	<1	0.53	319	<1	37	364	30	0.84	<5	7	<10	100	1532	<2	31	<10	5	98
11762	1327200	<0.005	<1	3.00	19	231	<2	22	1.54	<4	11	<1	19	2.45	0.17	<1	0.92	482	<1	23	452	<1	0.17	<5	<5	<10	203	1824	<2	84	10	12	130
11763	1327201	0.500	1	5.33	60	450	<2	7	1.19	<4	8	<1	31	1.56	0.30	<1	0.67	373	<1	35	377	23	1.40	<5	12	<10	81	1325	<2	27	11	5	446
11764	1327202	<0.005	1	6.35	31	525	<2	16	2.02	<4	6	<1	15	1.44	0.19	<1	1.45	675	<1	32	423	16	0.78	<5	5	<10	101	1595	<2	32	12	5	250

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Jason Moore, General Manager

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Friday, March 1, 2013


Final Certificate

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 Fax#: (416) 599-4959
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 Date Received: 01/28/2013
 Date Completed: 02/12/2013
 Job #: 201340205
 Reference: TL 10-107-13RE
 Sample #: 53

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
15766	1368060	<0.005	<1	3.70	3	356	<2	3	1.98	<4	13	53	23	3.05	<0.01	7	1.25	620	<1	31	537	12	0.38	9	<5	<10	236	2462	<2	99	38	14	62
15767	1368061	0.007	1	6.20	21	284	<2	<1	1.84	<4	5	23	31	1.57	<0.01	13	1.22	699	2	23	441	25	1.08	<5	<5	<10	135	1546	<2	35	<10	7	134
15768	1368062	2.075	43	4.68	24	232	2	31	0.13	<4	4	25	42	1.30	<0.01	8	0.47	136	2	29	291	585	1.55	44	5	<10	60	1225	<2	25	23	5	793
15769	1368063	0.057	5	4.42	16	195	<2	30	<0.01	<4	4	30	29	0.95	<0.01	7	0.42	<100	2	40	310	90	1.05	16	<5	<10	52	1023	<2	24	10	5	294
15770	1368064	0.059	11	5.27	20	214	2	25	0.06	<4	3	23	43	0.90	<0.01	10	0.57	215	1	31	338	70	1.06	13	5	<10	59	1060	<2	23	17	5	479
15771	1368065	0.158	11	5.40	22	257	<2	29	0.23	<4	4	23	18	0.97	<0.01	9	0.55	194	2	31	357	59	1.09	9	<5	<10	65	1375	<2	27	10	5	111
15772	1368066	0.142	14	5.28	20	260	2	<1	0.31	<4	3	28	19	1.03	<0.01	9	0.60	242	3	39	382	71	1.11	17	<5	<10	69	1391	<2	27	16	5	149
15773	1368067	0.006	1	5.09	10	250	2	21	2.12	<4	4	29	9	1.19	<0.01	10	1.33	715	2	38	377	24	0.99	8	<5	<10	122	1244	<2	23	10	6	99
15774	1368068	<0.005	<1	5.52	13	458	<2	29	1.20	<4	6	26	4	2.06	<0.01	17	0.61	385	3	41	563	9	1.91	10	6	<10	210	1669	<2	34	12	7	170
15775	1368069	<0.005	<1	5.04	11	433	<2	59	1.33	<4	6	27	8	2.19	<0.01	16	0.59	484	2	42	608	11	1.62	12	5	<10	191	1740	<2	34	<10	7	63
15776D	1368069	<0.005	<1	2.64	8	343	<2	3	0.90	<4	6	29	8	2.16	<0.01	10	0.53	466	2	48	593	11	1.48	<5	<5	<10	137	1600	<2	31	<10	5	67
15777	1368070	5.276	68	3.25	36	437	<2	40	1.26	19	13	37	50	2.98	<0.01	6	0.88	507	3	25	519	591	0.68	77	<5	224	213	1825	<2	82	108	12	1868
15778	1368071	0.006	1	2.90	9	351	<2	10	0.85	<4	10	26	9	2.48	<0.01	13	0.61	635	2	44	601	8	1.51	9	<5	<10	132	1755	<2	34	<10	6	60
15779	1368072	0.013	1	4.20	14	460	<2	33	0.92	<4	11	24	7	2.32	<0.01	15	0.62	558	1	38	580	15	1.94	10	<5	<10	153	1801	<2	35	15	6	57
15780	1368073	0.046	4	5.45	27	543	<2	18	2.00	<4	18	117	60	3.54	<0.01	18	1.16	790	3	81	586	29	2.45	15	<5	<10	215	2300	<2	71	<10	14	111
15781	1368074	0.501	5	3.58	68	436	3	16	0.56	<4	17	132	174	3.40	<0.01	5	0.61	313	3	90	448	144	3.45	11	<5	<10	88	1689	<2	69	14	10	550
15782	1368075	0.073	1	4.38	23	684	<2	12	0.88	<4	7	39	26	1.89	<0.01	9	0.83	340	4	64	552	24	1.73	7	<5	<10	112	1626	<2	34	<10	6	70
15783	1368076	0.014	<1	4.15	20	592	<2	12	1.59	<4	6	20	3	1.72	<0.01	11	1.11	386	<1	35	527	13	1.05	7	<5	<10	123	1529	<2	31	<10	6	55
15784	1368077	<0.005	<1	5.16	22	581	2	25	1.56	<4	7	48	7	1.89	<0.01	14	1.03	419	7	85	556	19	0.99	7	<5	<10	132	1864	2	35	<10	6	75
15785	1368078	0.141	1	4.88	48	459	<2	17	2.07	<4	18	134	51	3.56	<0.01	13	1.20	674	5	98	511	32	2.37	12	<5	<10	139	1988	<2	64	<10	14	123

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Friday, March 1, 2013


Final Certificate

Treasury Metals Inc
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Date Received: 01/28/2013
 Date Completed: 02/12/2013
 Job #: 201340205
 Reference: TL 10-107-13RE
 Sample #: 53

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
15786	1368079	1.270	4	3.99	48	459	<2	<1	0.13	<4	5	76	31	1.90	0.15	4	0.39	102	17	128	413	281	1.82	17	<5	<10	98	1205	<2	31	26	5	682
15787D	1368079	1.293	3	2.91	35	397	<2	20	0.04	<4	5	71	27	1.70	<0.01	<1	0.33	<100	16	120	364	254	1.58	11	<5	<10	83	1034	<2	28	17	5	539
15788	1368080	0.012	<1	3.19	4	347	2	37	1.92	<4	13	53	21	3.13	<0.01	6	1.26	617	<1	31	553	10	0.37	8	<5	<10	225	2371	<2	100	39	14	58
15789	1368081	0.464	3	3.15	51	383	2	26	0.22	<4	7	73	26	2.14	0.05	3	0.41	170	8	81	328	182	2.16	12	<5	<10	73	1129	<2	35	20	6	463
15790	1368082	0.305	2	4.44	44	392	2	27	0.04	<4	9	92	19	2.39	<0.01	4	0.34	<100	8	101	424	114	2.32	11	<5	<10	73	1717	<2	48	13	7	275
15791	1368083	0.140	<1	4.91	62	395	2	25	1.91	<4	15	119	67	3.04	<0.01	11	1.19	650	8	112	560	33	2.20	11	<5	<10	120	1949	<2	59	16	12	104
15792	1368084	0.044	<1	5.35	52	449	2	6	1.85	<4	8	50	19	2.07	<0.01	12	1.14	523	6	85	519	23	1.25	6	<5	<10	132	1641	<2	32	<10	6	67
15793	1368085	0.041	<1	4.63	20	347	2	26	1.92	<4	6	35	18	1.69	<0.01	10	1.16	491	2	49	487	17	0.95	13	<5	<10	122	1368	<2	27	10	6	98
15794	1368086	0.029	<1	5.31	19	436	<2	<1	2.03	<4	6	42	15	1.76	<0.01	11	1.17	503	5	71	507	27	0.92	10	9	<10	132	1461	<2	29	14	6	90
15795	1368087	0.013	<1	5.61	23	372	2	26	2.01	<4	8	36	7	1.93	<0.01	12	1.11	460	3	59	515	26	1.11	12	<5	<10	120	1561	<2	29	20	6	60
15796	1368088	0.017	<1	5.90	20	346	3	41	2.09	<4	7	36	16	1.86	<0.01	12	1.26	515	4	60	527	17	1.04	9	7	<10	110	1596	<2	30	12	6	73
15797	1368089	0.054	1	5.59	29	303	2	28	1.38	<4	18	128	71	3.60	0.05	10	1.32	523	9	131	531	34	2.21	7	<5	<10	90	1816	<2	68	23	11	265
15798D	1368089	0.056	1	5.80	30	294	2	30	1.42	<4	19	129	70	3.67	<0.01	11	1.34	531	9	133	538	26	2.27	11	5	<10	92	1824	<2	68	24	11	203
15799	1368090	0.229	<1	<0.01	385	>5000	<2	21	0.67	<4	5	20	28	2.73	<0.01	<1	0.16	<100	13	10	<100	20	0.60	26	<5	<10	72	404	6	13	79	6	20
15800	1368091	0.587	2	2.84	20	211	2	20	0.87	<4	13	134	40	2.24	<0.01	<1	0.67	298	7	109	414	122	1.55	5	<5	<10	56	1301	<2	55	18	10	481
15801	1368092	0.119	<1	1.48	28	182	<2	19	0.66	<4	6	51	10	1.56	<0.01	<1	0.72	367	6	86	403	39	1.11	8	6	<10	50	956	<2	22	<10	4	86
15802	1368093	0.149	<1	4.40	40	293	<2	10	1.52	<4	7	46	12	1.81	<0.01	8	1.11	532	6	74	455	74	1.28	11	7	<10	69	1367	<2	29	15	6	90
15803	1368094	0.190	<1	4.94	46	370	2	27	1.29	<4	7	58	13	1.87	<0.01	10	0.97	586	6	92	490	27	1.33	9	<5	<10	63	1701	<2	33	15	6	120
15804	1368095	0.197	<1	3.96	35	282	<2	12	1.42	<4	6	44	23	1.80	<0.01	8	1.04	696	5	71	458	47	1.34	9	5	<10	63	1461	<2	29	<10	6	161
15805	1368096	0.168	<1	4.62	36	394	<2	9	1.04	<4	7	53	23	1.68	<0.01	9	0.86	604	5	82	489	34	1.28	12	<5	<10	64	1677	4	32	21	6	71

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Dr. David Brown, VP Quality

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Final Certificate

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 Date Received: 01/28/2013
 Date Completed: 02/12/2013
 Job #: 201340205
 Reference: TL 10-107-13RE
 Sample #: 53

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
15806	1368097	0.161	2	5.11	41	487	2	33	1.59	<4	7	34	48	1.81	0.03	10	1.09	795	2	51	491	35	1.35	6	<5	<10	75	1655	<2	32	18	6	121
15807	1368098	0.045	<1	5.27	27	552	2	<1	2.21	<4	6	35	15	1.71	0.04	10	1.37	772	3	52	491	27	1.01	6	<5	<10	89	1467	<2	30	<10	6	272
15808	1368099	0.302	5	4.78	37	503	2	16	1.72	12	7	63	25	2.03	<0.01	10	1.14	809	10	106	460	451	1.51	13	<5	<10	73	1417	3	31	63	6	2540
15809D	1368099	0.259	5	4.58	36	537	2	45	1.68	12	7	73	27	2.09	0.01	9	1.12	813	11	127	463	454	1.47	12	<5	<10	72	1484	<2	32	67	6	2593
15810	1368100	<0.005	<1	3.75	7	365	2	31	2.11	<4	14	56	23	3.26	0.04	8	1.34	660	<1	30	575	7	0.37	<5	<5	<10	242	2546	<2	106	37	15	140
15811	1368101	0.137	<1	4.96	25	517	2	8	1.80	<4	7	70	14	1.95	<0.01	10	1.21	813	10	114	493	77	1.03	10	<5	<10	84	1530	<2	32	21	6	436
15812	1368102	<0.005	<1	5.15	12	597	2	11	2.35	<4	8	48	3	1.96	<0.01	8	1.29	558	4	69	498	23	0.58	13	<5	<10	136	1669	<2	34	12	6	67
15813	1368103	0.006	<1	5.13	16	548	2	38	2.37	<4	7	41	3	1.88	<0.01	9	1.34	569	4	64	498	18	0.72	7	8	<10	128	1578	<2	31	13	6	58
15814	1368104	0.285	<1	4.17	40	366	<2	47	1.51	<4	7	59	29	1.86	<0.01	10	1.13	715	8	91	440	51	1.26	7	6	<10	79	1348	<2	30	14	6	143
15815	1368105	0.602	1	4.91	40	457	<2	14	1.66	<4	6	69	56	2.11	<0.01	12	1.14	776	11	106	425	50	1.49	11	<5	<10	87	1472	<2	33	18	7	149
15816	1368106	0.667	<1	4.27	36	386	<2	4	1.66	<4	6	53	61	1.95	<0.01	10	1.17	791	7	80	439	51	1.36	10	6	<10	82	1326	<2	30	10	6	215
15817	1368107	0.388	1	4.92	41	380	3	31	1.03	<4	16	85	35	3.25	<0.01	15	1.50	682	<1	72	500	45	1.93	9	<5	<10	68	1981	<2	69	10	10	91
15818	1368108	0.287	2	4.32	66	322	<2	12	0.81	5	17	81	77	3.13	0.10	11	1.12	502	4	72	614	211	2.36	<5	<5	<10	72	1820	<2	61	35	11	1327
15819	1368109	0.630	13	3.65	49	382	2	10	0.78	<4	7	31	116	1.73	0.02	6	0.78	436	2	39	442	589	1.55	16	<5	<10	60	1357	<2	34	25	6	826
15820D	1368109	0.577	12	3.88	51	382	<2	14	0.84	<4	7	37	121	1.79	0.02	7	0.80	446	3	48	459	620	1.64	14	<5	<10	64	1338	<2	36	19	6	855
15821	1368110	1.837	<1	3.40	8	359	<2	17	2.07	<4	15	58	31	3.66	0.03	9	1.42	709	<1	34	611	10	0.37	13	<5	<10	215	2524	<2	112	32	15	70
15822	1368111	0.159	3	5.10	45	462	2	21	1.56	<4	8	29	13	2.05	<0.01	11	1.13	647	2	39	509	81	1.62	11	7	<10	88	1569	<2	37	16	6	141
15823	1368112	0.032	<1	5.51	15	546	2	31	2.43	<4	6	32	34	1.68	<0.01	10	1.47	884	2	39	436	26	0.90	<5	6	<10	112	1356	<2	38	14	6	130

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 Reference: TL 10-113-13RE
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19720	1368460	<0.005	<1	4.03	25	346	<2	34	1.99	<4	13	49	19	2.92	<0.01	8	1.24	595	<1	24	568	8	1.54	<5	12	<10	240	2365	5	98	19	15	47
19721	1368461	0.433	<1	5.73	54	435	<2	21	1.47	<4	8	31	17	2.24	<0.01	13	1.17	721	<1	46	613	62	3.09	<5	11	<10	99	1685	<2	31	<10	8	158
19722	1368462	0.982	3	5.45	54	429	<2	48	1.27	<4	6	37	22	2.20	<0.01	13	1.03	550	<1	49	481	466	3.16	<5	11	<10	85	1534	9	31	13	7	695
19723	1368463	0.044	<1	6.29	43	426	2	33	2.03	<4	8	22	13	1.90	0.23	15	1.48	770	<1	31	563	116	2.76	<5	15	<10	104	1701	17	31	<10	8	356
19724	1368464	0.080	1	6.30	57	456	2	37	2.18	<4	8	32	33	1.89	<0.01	16	1.53	754	<1	46	644	55	2.59	<5	<5	<10	102	1700	6	30	<10	8	121
19725	1368465	0.020	<1	5.62	46	286	2	29	2.05	<4	7	23	7	1.76	<0.01	16	1.53	777	<1	25	545	20	2.35	<5	12	<10	97	1559	<2	27	<10	8	41
19726	1368466	0.021	<1	5.95	45	334	<2	36	2.30	<4	7	30	6	1.89	<0.01	17	1.61	838	<1	44	676	21	2.48	<5	7	<10	105	1612	8	29	<10	8	49
19727	1368467	0.067	1	6.10	61	286	2	28	2.11	<4	15	78	41	2.93	0.16	19	1.70	782	<1	54	522	28	2.86	<5	7	<10	110	1904	22	48	<10	11	164
19728	1368468	0.157	1	5.35	27	215	2	22	1.07	<4	20	142	48	3.51	<0.01	20	1.85	717	<1	81	459	33	2.40	<5	9	<10	93	2043	<2	65	<10	13	103
19729	1368469	0.069	<1	5.67	26	254	2	30	1.35	<4	19	147	46	3.51	<0.01	18	1.80	758	<1	82	489	30	2.53	<5	11	<10	102	2088	<2	70	<10	13	61
19730D	1368469	0.064	<1	5.45	17	257	2	27	1.35	<4	20	150	48	3.59	<0.01	16	1.82	783	<1	86	448	36	2.31	<5	7	<10	99	2200	32	73	<10	12	65
19731	1368470	2.162	<1	4.15	35	377	2	21	2.02	<4	15	54	30	3.45	0.12	9	1.33	668	<1	29	493	19	1.33	<5	<5	<10	248	2609	28	109	25	15	64
19732	1368471	0.343	3	5.29	47	273	2	44	1.91	5	17	134	275	3.32	<0.01	15	1.51	766	<1	75	355	786	3.18	<5	5	<10	112	1929	2	67	18	14	1340
19733	1368472	0.228	<1	5.68	22	281	<2	26	1.28	<4	21	151	50	3.59	<0.01	17	1.65	750	<1	90	540	29	2.01	<5	10	11	120	2523	5	90	<10	14	80
19734	1368473	0.060	<1	4.85	36	244	<2	35	1.24	<4	18	134	48	3.12	<0.01	13	1.29	498	<1	89	482	39	2.58	<5	<5	<10	102	1869	2	70	<10	13	149
19735	1368474	0.057	1	5.91	29	343	2	31	1.67	<4	21	162	61	3.85	<0.01	18	1.68	905	<1	110	577	49	3.15	<5	11	<10	117	2469	<2	81	<10	17	281
19736	1368475	0.029	<1	6.50	25	473	2	33	1.99	<4	20	144	49	3.61	<0.01	20	1.82	837	<1	79	385	36	2.68	<5	8	<10	125	2527	4	84	<10	17	124
19737	1368476	0.077	<1	4.17	56	384	3	25	0.95	<4	24	156	70	4.08	1.85	17	1.33	636	<1	127	387	61	3.08	<5	7	<10	84	2474	29	85	<10	12	165
19738	1368477	0.043	<1	6.04	37	488	2	29	0.94	<4	10	59	12	2.05	0.19	18	1.00	340	<1	47	555	92	2.70	<5	21	<10	84	2081	<2	49	<10	9	170
19739	1368478	0.031	<1	6.39	34	402	2	23	1.68	<4	7	23	5	1.76	<0.01	15	1.20	466	<1	30	511	23	3.10	<5	15	<10	102	1596	<2	29	10	8	164

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19740	1368479	0.036	2	5.52	41	548	2	35	1.57	5	6	32	15	1.70	<0.01	15	1.16	542	<1	36	515	867	2.87	<5	14	<10	96	1463	<2	29	26	7	1634
19741D	1368479	0.036	2	6.41	52	690	<2	43	1.79	6	7	39	17	1.89	<0.01	17	1.29	613	<1	42	557	959	3.04	<5	18	11	106	1680	15	34	22	8	1792
19742	1368480	<0.005	<1	4.77	22	385	3	32	2.16	<4	14	51	21	2.99	<0.01	10	1.28	626	<1	25	621	14	1.61	<5	5	<10	271	2669	<2	102	14	16	52
19743	1368481	0.073	<1	5.81	50	536	2	26	1.22	<4	8	29	5	1.95	<0.01	12	0.99	487	<1	43	578	91	2.71	<5	16	<10	97	1860	3	35	<10	7	77
19744	1368482	0.088	<1	6.40	21	267	3	46	1.22	<4	19	149	33	3.46	<0.01	25	2.02	623	<1	89	457	32	2.32	<5	18	<10	113	2165	<2	80	<10	13	106
19745	1368483	0.980	7	4.62	41	250	2	36	0.41	4	16	127	215	3.45	0.18	14	1.80	422	<1	76	415	625	2.84	5	5	<10	80	1250	2	67	18	10	1069
19746	1368484	0.125	<1	4.45	35	340	2	32	0.30	<4	5	66	52	1.36	0.04	11	1.12	255	<1	62	292	98	1.95	<5	<5	<10	64	1005	<2	29	<10	8	291
19747	1368485	0.411	<1	5.24	34	477	2	34	0.86	<4	10	86	34	2.00	0.09	21	1.20	376	2	73	532	41	2.14	<5	16	<10	74	1568	37	47	11	10	503
19748	1368486	0.054	<1	5.42	40	487	2	21	0.97	<4	9	68	17	1.54	0.26	18	1.12	323	<1	45	486	38	1.98	<5	7	<10	82	1493	<2	43	<10	10	88
19749	1368487	0.030	1	6.88	32	458	3	31	1.97	<4	13	90	17	2.25	0.07	25	1.88	662	<1	64	508	52	2.46	<5	12	<10	128	1993	4	51	<10	11	115
19750	1368488	1.055	3	5.25	39	344	2	29	0.63	<4	13	102	65	2.54	0.06	20	1.72	529	<1	64	498	305	2.47	<5	9	<10	70	1931	<2	54	<10	10	432
19751	1368489	2.373	2	6.08	25	270	2	20	0.56	<4	17	136	63	3.36	0.11	25	2.26	619	<1	76	337	262	2.78	10	19	11	70	2200	<2	70	17	11	418
19752D	1368489	2.454	2	5.89	34	271	3	34	0.53	<4	17	135	62	3.36	0.04	24	2.24	615	<1	74	555	270	2.71	6	23	<10	68	2223	<2	71	<10	11	424
19753	1368490	5.203	70	3.98	53	466	<2	25	1.40	20	14	40	54	3.35	<0.01	9	0.93	529	<1	23	700	629	1.89	65	14	247	242	1999	26	92	71	14	1827
19754	1368491	0.446	4	5.62	81	290	2	30	0.71	<4	15	127	69	2.87	<0.01	20	1.24	449	<1	74	458	353	3.05	<5	19	<10	65	1909	<2	70	11	11	490
19755	1368492	0.850	3	4.88	95	223	2	47	0.88	<4	8	82	62	2.81	<0.01	16	1.06	377	3	79	510	483	3.60	<5	18	<10	72	1269	<2	38	16	8	623
19756	1368493	5.852	8	3.74	141	156	3	38	0.31	24	9	52	166	4.95	0.24	15	0.53	208	<1	62	378	992	6.05	5	<5	10	48	975	<2	27	92	7	8577
19757	1368494	0.364	1	6.60	57	321	3	28	1.41	<4	7	41	29	1.63	0.10	26	1.31	570	<1	52	527	139	2.57	7	25	<10	68	1809	<2	38	14	7	367
19758	1368495	0.557	1	6.13	55	312	2	30	0.91	<4	8	34	22	1.58	<0.01	15	1.00	406	<1	42	503	86	2.54	<5	16	<10	68	1716	12	36	11	7	279
19759	1368496	1.659	4	4.30	91	250	2	53	0.05	4	8	29	74	2.60	0.36	14	0.47	127	<1	47	486	202	3.53	<5	15	12	40	1489	<2	31	18	6	932

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19760	1368497	0.429	2	5.41	55	248	2	19	0.88	<4	7	42	28	1.71	<0.01	15	1.18	334	<1	48	488	191	2.54	5	20	<10	66	1559	16	34	13	7	443
19761	1368498	0.786	<1	7.08	32	281	5	32	1.70	<4	10	34	15	2.24	0.10	28	2.15	590	<1	36	625	60	2.44	<5	18	<10	92	1919	5	41	<10	8	62
19762	1368499	0.193	<1	6.94	52	325	3	46	1.19	<4	8	47	9	1.90	<0.01	20	1.23	374	<1	65	509	119	2.64	5	8	10	79	1735	31	39	13	8	333
19763D	1368499	0.201	<1	6.85	51	331	2	24	1.16	<4	8	44	9	1.87	0.21	20	1.22	371	<1	59	472	116	2.77	5	13	<10	77	1769	<2	39	15	8	326
19764	1368500	<0.005	<1	4.91	26	388	3	34	2.22	<4	14	52	26	3.07	0.01	11	1.31	640	<1	27	620	19	1.73	<5	6	<10	275	2737	31	105	19	15	284
19765	1342151	0.147	<1	7.03	53	272	2	35	1.55	<4	7	32	6	1.95	<0.01	24	1.41	502	<1	40	587	76	3.14	5	15	11	92	1499	38	32	<10	7	84
19766	1342152	18.089	25	5.37	121	194	2	20	0.76	27	6	59	321	2.47	0.27	22	0.82	326	13	77	522	2504	4.11	21	8	<10	60	1216	4	29	104	7	9722
19767	1342153	1.963	5	6.10	100	254	3	27	0.85	<4	9	48	44	2.98	<0.01	24	1.02	297	1	65	568	435	3.82	9	15	<10	72	1321	<2	35	16	7	632
19768	1342154	0.789	4	5.39	83	272	2	34	0.51	<4	10	60	27	1.89	0.07	13	0.70	168	<1	57	515	203	2.92	7	16	<10	65	1294	<2	48	11	7	232
19769	1342155	0.256	1	6.54	52	314	3	45	0.58	<4	18	156	45	3.55	<0.01	25	2.16	612	<1	92	616	71	2.86	<5	18	<10	69	2050	19	84	<10	10	126
19770	1342156	0.267	1	6.86	53	360	2	20	0.55	<4	19	175	45	3.60	<0.01	26	2.12	604	<1	104	623	73	2.83	<5	14	<10	69	2226	<2	94	10	10	115
19771	1342157	0.069	<1	6.80	35	426	3	52	1.30	<4	7	42	3	1.85	<0.01	16	1.28	414	<1	46	497	61	2.64	<5	16	<10	107	1467	16	31	<10	7	99
19772	1342158	0.022	<1	7.25	40	494	4	24	1.67	<4	12	85	14	2.25	<0.01	21	1.58	494	<1	54	576	104	2.75	9	21	11	137	1784	28	53	<10	8	145
19773	1342159	0.095	1	6.91	52	319	3	30	1.30	<4	14	126	42	2.81	0.32	25	1.42	588	1	88	531	59	3.24	<5	7	<10	97	1776	<2	68	<10	10	112
19774D	1342159	0.109	1	6.10	67	309	3	32	1.21	<4	15	112	40	2.75	0.70	21	1.39	579	<1	73	593	60	2.90	<5	15	<10	90	1715	<2	65	<10	9	112
19775	1342160	0.245	<1	1.14	401	>5000	2	35	0.91	<4	5	21	29	2.80	0.26	8	0.25	<100	6	11	116	28	2.59	28	5	<10	116	1003	<2	15	63	9	22
19776	1342161	0.037	<1	6.35	49	312	2	28	2.81	<4	10	40	33	2.26	0.35	26	1.78	978	<1	41	449	34	2.13	5	20	<10	119	1833	57	40	<10	7	82
19777	1342162	0.462	2	6.68	26	360	3	44	0.74	<4	19	156	47	3.47	0.46	25	1.80	641	4	103	679	81	2.52	<5	18	<10	72	2563	15	82	<10	11	262
19778	1342163	0.236	2	4.71	89	198	2	36	1.26	<4	16	126	44	3.23	0.24	13	1.25	586	<1	81	418	109	3.13	<5	14	<10	100	1277	<2	61	<10	11	148
19779	1342164	0.107	1	6.41	44	327	3	46	0.94	<4	19	151	85	3.51	0.23	17	1.21	432	<1	100	570	112	2.90	<5	<5	10	129	1510	<2	81	12	11	260

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19780	1342165	0.168	5	6.19	37	354	4	34	0.54	8	23	151	231	3.41	<0.01	18	0.91	270	<1	95	632	432	3.12	5	19	<10	104	1649	<2	83	23	12	1980
19781	1342166	0.116	1	5.99	35	304	3	22	1.22	<4	20	154	67	3.65	0.62	21	1.46	777	<1	82	639	78	2.81	<5	14	<10	98	2257	<2	90	<10	15	118
19782	1342167	0.254	<1	5.89	78	430	3	31	0.90	<4	12	77	37	2.31	0.05	24	1.08	492	<1	67	422	59	2.92	<5	<5	14	85	1815	<2	53	13	9	81
19783	1342168	0.030	<1	5.94	28	564	4	38	1.25	<4	8	38	19	1.55	0.01	30	1.26	589	<1	42	531	38	2.07	<5	19	<10	88	1861	6	39	11	7	92
19784	1342169	0.083	<1	5.41	65	531	<2	30	1.54	<4	10	68	17	2.13	0.06	28	1.34	507	<1	59	515	60	2.91	<5	8	<10	96	1732	38	46	<10	9	190
19785R	1342169	0.189	1	4.86	63	480	2	33	1.52	<4	10	64	16	2.19	<0.01	25	1.32	515	<1	57	532	62	2.82	<5	12	<10	96	1661	15	42	<10	8	175
19786	1342170	<0.005	<1	4.56	19	388	<2	38	2.19	<4	13	52	20	3.05	<0.01	10	1.28	635	<1	25	664	10	1.65	<5	9	<10	276	2691	16	104	15	16	53
19787	1342171	0.013	<1	5.50	33	510	2	36	1.83	<4	7	29	2	1.82	<0.01	31	1.70	477	<1	38	484	28	2.16	5	8	<10	132	1704	<2	34	<10	7	42
19788	1342172	0.024	<1	6.17	32	547	3	38	1.86	<4	7	58	4	1.74	<0.01	23	1.30	382	3	90	546	43	2.22	<5	12	<10	176	1869	<2	36	<10	7	167
19789	1342173	0.010	<1	5.30	26	348	2	23	1.89	<4	7	32	3	1.56	<0.01	20	1.26	329	<1	36	560	18	2.21	<5	11	<10	152	1536	35	28	<10	7	38
19790	1342174	0.006	<1	6.22	23	452	4	30	2.10	<4	8	29	2	1.69	0.14	19	1.21	306	<1	39	492	19	1.91	5	<5	<10	168	1818	8	36	<10	7	48
19791	1342175	0.008	<1	6.03	20	461	2	31	2.28	<4	9	56	3	1.97	<0.01	16	1.08	319	2	84	490	18	1.85	<5	13	<10	151	1787	27	37	<10	7	48
19792	1342176	0.010	<1	6.10	19	457	2	31	2.36	<4	8	46	3	2.00	0.03	18	1.17	342	<1	65	475	19	1.87	<5	12	<10	151	1828	16	37	<10	7	48
19793	1342177	0.010	<1	5.37	27	441	4	26	2.19	<4	8	53	3	1.85	<0.01	15	1.01	341	3	86	467	16	1.59	<5	22	<10	138	1750	4	37	<10	6	45
19794	1342178	0.006	<1	6.50	26	418	2	30	3.41	<4	9	47	4	2.25	0.05	21	1.74	609	<1	66	579	15	1.91	<5	15	<10	171	1765	7	36	<10	8	60
19795	1342179	0.014	<1	5.56	23	393	2	40	2.23	<4	7	45	3	1.72	<0.01	18	1.27	362	<1	66	547	18	1.90	<5	7	<10	138	1498	<2	30	<10	7	48
19796D	1342179	0.005	<1	6.27	29	440	2	19	2.46	<4	8	43	3	1.79	<0.01	20	1.33	377	<1	61	600	19	1.89	<5	15	<10	152	1791	39	35	<10	7	48
19797	1342180	1.898	<1	3.89	25	372	<2	33	2.04	<4	15	53	28	3.46	<0.01	9	1.36	668	<1	30	708	14	1.75	<5	10	14	253	2711	10	110	21	16	64
19798	1342181	0.157	<1	5.52	24	332	3	57	1.92	<4	8	47	2	1.86	<0.01	31	1.52	393	<1	68	561	16	2.06	<5	26	<10	105	1702	<2	32	<10	7	38
19799	1342182	<0.005	<1	5.83	21	346	3	22	2.57	<4	8	46	5	1.83	<0.01	17	1.36	415	<1	69	641	17	1.89	<5	8	<10	129	1571	<2	34	<10	7	53

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Dr. David Brown, VP Quality

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Thursday, February 28, 2013


Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
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Date Received: 02/04/2013
 Date Completed: 02/15/2013
 Job #: 201340244
 Reference: TL 10-113-13RE
 Sample #: 79

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19800	1342183	0.134	<1	3.80	29	242	3	35	2.28	<4	6	46	15	1.66	<0.01	11	1.27	572	<1	66	378	32	1.34	<5	9	<10	101	1161	3	24	<10	5	55
19801	1342184	0.035	<1	6.60	34	439	3	25	2.24	<4	7	54	11	1.82	<0.01	20	1.28	488	2	84	519	26	2.74	<5	24	<10	121	1683	<2	33	<10	8	40
19802	1342185	0.016	<1	7.00	27	454	4	31	2.61	<4	7	58	5	1.95	<0.01	22	1.48	559	3	92	514	23	2.54	<5	11	<10	122	1527	2	33	<10	8	37
19803	1342186	0.013	<1	5.85	22	343	<2	18	3.00	<4	7	51	14	2.08	0.15	16	1.87	853	<1	69	580	41	2.17	<5	11	<10	131	1486	14	34	<10	8	100
19804	1342187	1.038	1	5.60	18	336	3	31	1.85	<4	16	141	50	3.26	0.13	26	1.74	922	3	105	520	66	2.85	<5	10	<10	117	2175	<2	71	<10	14	224
19805	1342188	0.159	2	6.17	31	405	4	38	2.40	<4	18	150	116	3.65	0.23	22	1.58	857	<1	90	405	228	2.94	<5	<5	<10	141	2378	2	84	11	17	579

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Dr. David Brown, VP Quality

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Wednesday, December 16, 2015

Final Certificate


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 Date Received: 02/19/2013
 Date Completed: 02/28/2013
 Job #: 201340380
 Reference: TL10-113-13RE
 Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metalics Assay ppm	Pulp Met Total ppm	% Met. in pulp ppm	Pulp Met Weight (g). ppm
30272	1342152	10.858	10.901	96.228	14.161	3.84%	36.45

APPLIED SCOPES: ALPM1

Validated By:


 Derek Demianiuk, VP Quality

Certified By:

Murphy

Authorized By:


 Derek Demianiuk, VP Quality

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Tuesday, February 5, 2013

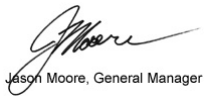
Final Certificate

 Treasury Metals Inc
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 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/17/2013
 Date Completed: 02/01/2013
 Job #: 201340128
 Reference: TL 176-13RE
 Sample #: 32

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
10153	1327090	5.073	53	4.72	44	448	<2	8	1.45	17	12	<1	50	2.51	0.37	<1	0.63	411	<1	22	459	481	0.51	49	10	199	220	1624	<2	74	49	11	1476
10154	1327091	<0.005	1	5.34	22	358	<2	10	1.14	<4	5	<1	6	1.24	0.35	1	0.45	105	<1	32	381	6	1.14	<5	18	<10	181	1440	<2	40	<10	4	18
10155	1327092	<0.005	2	5.68	29	374	<2	4	2.13	<4	6	<1	7	1.25	0.17	1	0.58	205	<1	27	351	4	1.19	<5	12	<10	185	1416	<2	35	<10	4	19
10156	1327093	0.010	1	5.38	21	337	<2	9	1.35	<4	5	<1	6	0.89	0.10	<1	0.51	<100	<1	35	336	2	0.84	<5	8	<10	221	1486	<2	42	<10	3	12
10157	1327094	<0.005	1	5.56	14	297	<2	12	1.70	<4	5	<1	8	1.14	0.74	<1	0.43	<100	<1	40	381	8	1.19	<5	11	<10	232	1291	<2	43	<10	4	24
10158	1327095	<0.005	1	4.98	29	299	<2	10	1.45	<4	4	<1	6	0.90	0.17	<1	0.58	<100	<1	32	352	8	0.89	<5	10	<10	197	1303	<2	38	<10	3	10
10159	1327096	0.005	2	6.12	22	418	<2	14	2.03	<4	11	<1	11	0.85	0.50	4	1.09	291	<1	35	381	9	0.67	<5	18	<10	219	1343	<2	36	<10	4	36
10160	1327097	0.100	7	4.85	48	331	<2	7	0.87	8	10	<1	36	1.79	0.26	<1	0.51	269	<1	43	367	1306	1.53	<5	15	<10	121	1414	<2	47	30	6	2509
10161	1327098	0.011	1	5.60	37	383	2	10	1.30	<4	6	<1	8	1.06	0.15	<1	0.67	266	<1	30	418	37	0.58	<5	12	<10	103	1384	<2	37	<10	5	47
10162	1327099	0.013	1	4.58	33	267	<2	11	1.80	<4	6	<1	13	1.32	0.14	<1	1.07	407	<1	28	386	22	0.62	<5	15	<10	94	1102	<2	33	<10	5	40
10163D	1327099	0.010	1	5.50	39	336	<2	8	2.13	<4	6	<1	14	1.40	0.23	<1	1.13	432	<1	33	410	24	0.67	<5	10	<10	108	1202	<2	38	<10	5	41
10164	1327100	0.007	1	4.13	22	320	<2	10	1.80	<4	13	<1	25	2.51	0.16	<1	0.93	506	<1	23	458	6	0.21	<5	12	<10	231	2067	<2	87	16	12	34
10165	1327101	0.277	5	4.73	56	333	<2	14	0.21	<4	9	<1	24	1.40	0.23	<1	0.18	<100	<1	29	371	107	1.45	<5	9	<10	69	1077	<2	39	<10	4	464
10166	1327102	0.589	10	4.81	50	330	2	8	0.26	<4	6	<1	23	1.30	0.31	<1	0.12	<100	<1	40	390	55	1.35	<5	15	<10	92	861	<2	40	<10	4	132
10167	1327103	0.701	2	4.97	54	379	2	13	0.29	<4	7	<1	15	1.60	0.36	<1	0.17	<100	<1	34	408	47	1.67	<5	8	<10	90	896	<2	40	<10	4	103
10168	1327104	0.680	2	4.63	47	394	2	9	0.18	<4	6	<1	11	1.38	0.48	<1	0.11	<100	<1	35	401	57	1.46	<5	11	<10	86	923	<2	40	<10	4	75
10169	1327105	0.226	2	4.51	48	481	2	3	0.33	<4	8	<1	16	1.28	0.41	<1	0.15	<100	<1	42	408	45	1.31	<5	17	<10	90	1016	<2	43	<10	3	33
10170	1327106	0.216	1	4.82	38	451	2	20	0.30	<4	8	<1	13	1.21	0.26	<1	0.18	<100	<1	31	408	45	1.23	<5	5	11	88	1003	<2	38	<10	3	38
10171	1327107	0.118	<1	4.82	34	446	2	19	0.30	<4	8	<1	12	1.20	0.25	<1	0.18	<100	<1	29	408	43	<0.01	<5	5	10	86	960	<2	34	<10	3	38
10172	1327108	0.030	1	5.15	25	515	2	11	1.31	<4	5	<1	11	1.17	0.26	<1	0.80	322	<1	33	455	39	0.67	<5	11	<10	87	978	<2	34	<10	5	51

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Jason Moore, General Manager

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Tuesday, February 5, 2013

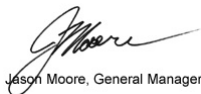
Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/17/2013
 Date Completed: 02/01/2013
 Job #: 201340128
 Reference: TL 176-13RE
 Sample #: 32

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
10173	1327109	1.583	5	5.38	80	493	2	11	0.73	<4	6	<1	58	1.55	0.21	<1	0.46	162	<1	43	445	180	1.40	<5	6	<10	81	987	<2	39	<10	4	472
10174D	1327109	1.697	5	4.87	89	483	<2	7	0.65	<4	6	<1	57	1.53	0.44	<1	0.44	160	<1	44	423	183	1.38	<5	11	<10	78	977	<2	40	<10	4	468
10175	1327110	0.271	1	0.77	339	>5000	<2	8	0.88	<4	7	<1	27	2.32	0.29	<1	0.05	<100	<1	11	<100	15	0.46	10	10	<10	94	577	<2	13	39	5	8
10176	1327111	0.566	3	4.84	74	499	2	11	0.21	<4	8	<1	42	1.18	0.31	<1	0.17	<100	<1	37	436	103	1.20	5	7	<10	69	985	<2	42	<10	4	100
10177	1327112	0.409	3	4.48	138	369	2	6	0.16	<4	12	<1	75	2.25	0.36	<1	0.16	<100	<1	69	203	292	2.37	17	11	<10	64	838	<2	60	<10	4	628
10178	1327113	0.193	1	4.45	94	323	<2	9	0.18	<4	13	<1	34	1.82	0.54	<1	0.12	<100	<1	63	271	53	1.98	<5	13	<10	66	793	<2	60	<10	4	495
10179	1327114	0.235	1	5.43	84	437	2	8	0.21	<4	19	<1	42	2.09	0.35	<1	0.20	<100	<1	78	372	51	2.14	<5	7	<10	72	974	<2	91	<10	5	211
10180	1327115	0.328	2	4.68	115	388	<2	9	0.42	<4	14	<1	63	1.76	0.70	<1	0.26	<100	<1	77	250	154	1.71	9	6	<10	73	773	<2	66	10	5	371
10181	1327116	0.783	2	4.18	365	437	<2	13	0.32	5	10	<1	161	1.89	0.53	<1	0.11	<100	<1	52	245	134	2.15	5	10	<10	68	682	<2	48	24	4	1476
10182	1327117	0.188	1	3.64	39	512	<2	5	0.15	<4	5	<1	36	1.03	0.70	<1	0.12	<100	<1	35	319	36	1.12	<5	23	<10	66	759	<2	35	<10	3	153
10183	1327118	0.141	2	5.38	52	535	2	11	0.31	<4	6	<1	44	1.12	0.31	<1	0.18	<100	<1	39	374	63	1.18	<5	8	<10	73	999	<2	40	12	4	722
10184	1327119	0.063	2	5.08	41	556	<2	10	0.36	<4	6	<1	26	1.00	0.37	<1	0.26	<100	<1	32	384	44	0.99	<5	9	<10	70	1337	<2	39	11	4	136
10185D	1327119	0.059	2	5.15	41	581	<2	6	0.50	<4	6	<1	24	0.95	0.38	<1	0.24	<100	<1	27	369	42	1.01	<5	10	<10	75	1307	<2	36	<10	4	130
10186	1327120	<0.005	<1	4.57	23	339	<2	4	1.91	<4	11	<1	19	2.46	0.17	<1	0.92	493	<1	23	465	<1	0.23	<5	5	<10	237	2033	<2	86	19	12	31
10187	1327121	0.085	2	4.98	44	484	<2	12	1.34	<4	6	<1	24	1.22	0.13	<1	0.60	410	<1	45	387	34	0.99	<5	11	<10	102	1214	<2	39	<10	4	80

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1


 Certified By: Jason Moore, General Manager

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Tuesday, February 5, 2013


Final Certificate

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Date Received: 01/18/2013
Date Completed: 02/01/2013
Job #: 201340143
Reference: TL 180-13RE
Sample #: 68

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
10564	1327122	<0.005	1	5.97	24	476	<2	<1	1.84	<4	8	<1	9	1.58	0.33	9	0.91	309	<1	11	492	12	1.06	<5	6	<10	268	1506	<2	34	<10	6	48
10565	1327123	<0.005	1	4.64	30	447	2	12	0.82	<4	8	<1	9	1.54	0.24	<1	0.53	242	<1	22	454	4	1.40	<5	5	<10	188	1179	<2	29	<10	5	31
10566	1327124	<0.005	1	3.44	34	260	<2	14	0.43	<4	3	<1	5	0.99	0.35	<1	0.19	104	<1	52	351	10	0.92	<5	15	<10	150	616	<2	22	<10	4	2
10567	1327125	<0.005	<1	4.85	28	387	<2	7	0.62	<4	6	<1	5	1.32	0.27	<1	0.39	213	<1	31	484	12	1.27	<5	6	<10	177	808	<2	29	<10	4	13
10568	1327126	<0.005	<1	4.26	28	378	<2	8	0.47	<4	4	<1	5	1.28	0.28	<1	0.37	202	<1	36	485	3	1.22	<5	10	<10	150	770	<2	28	<10	4	12
10569	1327127	<0.005	1	5.26	28	435	<2	14	0.75	<4	6	<1	6	1.57	0.40	<1	0.45	225	<1	49	503	9	1.46	<5	7	12	192	1014	<2	33	<10	5	77
10570	1327128	<0.005	2	5.61	24	497	<2	7	1.65	<4	8	<1	8	1.64	0.27	2	0.85	494	<1	40	464	8	1.19	5	6	<10	210	1274	<2	29	<10	5	43
10571	1327129	0.289	2	5.34	38	353	<2	4	1.71	<4	7	<1	38	1.59	0.18	1	0.78	350	<1	40	405	44	0.87	<5	17	<10	148	1301	<2	33	<10	6	267
10572	1327130	1.851	1	4.40	20	336	<2	9	1.89	<4	12	<1	26	2.80	0.38	<1	1.02	541	<1	25	492	9	0.23	<5	6	<10	220	2025	<2	92	19	12	36
10573	1327131	<0.005	1	5.60	21	333	<2	11	2.03	<4	8	<1	6	1.42	0.31	<1	0.88	295	<1	45	419	14	0.64	<5	9	<10	129	1407	<2	29	<10	5	41
10574D	1327131	<0.005	1	5.49	29	333	2	9	1.98	<4	7	<1	8	1.38	0.34	<1	0.88	291	<1	38	412	12	0.64	<5	15	<10	125	1420	<2	30	<10	5	41
10575	1327132	<0.005	2	4.43	18	295	<2	10	1.05	<4	6	<1	8	1.30	0.18	<1	0.54	230	<1	32	365	23	0.92	<5	<5	<10	99	1124	<2	26	<10	4	17
10576	1327133	0.051	2	4.50	24	331	<2	8	0.82	<4	8	<1	13	1.37	0.27	<1	0.39	196	<1	36	451	51	0.98	<5	6	<10	99	1159	<2	27	<10	5	59
10577	1327134	0.151	2	2.66	55	187	<2	11	0.22	<4	7	<1	16	1.38	0.30	<1	0.31	133	<1	29	401	25	1.23	<5	8	<10	64	928	<2	22	<10	4	111
10578	1327135	0.031	1	4.57	42	342	<2	16	0.77	<4	7	<1	8	1.34	0.15	<1	0.41	203	<1	54	406	21	0.99	<5	<5	<10	80	1251	<2	27	<10	4	29
10579	1327136	<0.005	2	5.00	57	300	<2	10	1.61	<4	15	<1	38	2.56	0.25	<1	0.86	594	<1	64	365	61	1.49	<5	13	<10	93	1672	<2	52	<10	11	139
10580	1327137	0.029	<1	3.31	30	242	2	10	1.10	<4	9	<1	32	1.79	0.15	<1	0.81	419	<1	54	368	27	0.82	<5	5	<10	69	1368	<2	36	<10	7	57
10581	1327138	0.008	2	5.62	39	540	2	13	2.16	<4	7	<1	9	1.48	0.29	<1	0.88	405	<1	30	467	32	0.80	<5	13	<10	114	1553	<2	30	<10	5	28
10582	1327139	0.089	1	5.08	40	497	2	9	0.43	<4	7	<1	8	1.30	0.12	<1	0.27	102	<1	33	427	22	1.23	<5	9	<10	66	1430	<2	27	<10	5	42
10583	1327140	<0.005	<1	4.36	27	328	<2	8	1.88	<4	13	<1	19	2.55	0.32	<1	0.95	511	<1	24	473	5	0.21	<5	5	<10	238	2064	<2	88	17	12	33

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
Jason Moore, General Manager

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Tuesday, February 5, 2013


Final Certificate

 Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/18/2013
 Date Completed: 02/01/2013
 Job #: 201340143
 Reference: TL 180-13RE
 Sample #: 68

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
10584	1327141	0.031	1	5.01	37	494	<2	10	0.75	<4	7	<1	9	1.18	0.19	<1	0.38	163	<1	29	442	24	1.08	<5	13	<10	82	1309	<2	27	<10	5	21
10585D	1327141	0.030	1	4.80	27	484	<2	10	0.72	<4	6	<1	9	1.16	0.20	<1	0.37	162	<1	28	437	24	1.06	<5	6	<10	80	1286	<2	27	<10	5	23
10586	1327142	0.023	1	4.82	37	434	<2	10	1.13	<4	7	<1	13	1.26	0.32	<1	0.60	298	<1	27	435	28	0.99	<5	10	<10	88	1120	<2	26	<10	5	35
10587	1327143	0.080	1	3.95	56	529	<2	13	0.26	<4	12	<1	29	1.68	0.24	<1	0.25	<100	<1	47	415	41	1.64	<5	6	<10	66	1172	<2	52	<10	5	57
10588	1327144	0.113	3	4.45	52	578	<2	6	0.10	<4	7	<1	23	1.22	0.20	<1	0.16	<100	<1	50	407	203	1.18	<5	12	<10	65	928	<2	35	<10	4	358
10589	1327145	0.436	2	1.69	110	813	<2	13	<0.01	<4	10	<1	52	1.55	0.09	<1	0.15	<100	<1	49	330	147	1.69	<5	<5	<10	47	528	<2	31	<10	4	136
10590	1327146	0.454	2	3.89	107	1236	2	7	0.14	<4	10	<1	34	1.72	0.15	<1	0.20	<100	<1	78	335	166	1.76	13	<5	<10	72	827	<2	48	<10	4	255
10591	1327147	1.213	4	1.70	174	230	<2	10	0.03	5	8	<1	110	2.28	0.09	<1	0.21	<100	<1	65	228	386	2.49	35	10	<10	62	508	<2	27	14	3	1183
10592	1327148	0.282	2	3.59	118	709	2	7	<0.01	5	8	<1	98	1.35	0.12	<1	0.12	<100	<1	46	271	248	1.47	15	10	<10	60	748	<2	32	20	4	1359
10593	1327149	0.219	2	4.85	79	501	2	9	0.06	4	18	<1	101	1.66	0.30	<1	0.36	<100	<1	73	423	188	1.51	<5	18	<10	65	947	<2	73	12	6	937
10594	1327150	4.587	51	1.47	43	221	<2	11	0.75	17	12	<1	43	2.28	0.26	<1	0.61	387	<1	21	412	482	0.38	20	8	182	140	1245	<2	65	41	9	1484
10595	1327151	0.484	2	4.13	50	424	2	12	0.07	<4	9	<1	127	1.43	0.21	<1	0.16	<100	<1	69	373	56	1.39	<5	6	<10	61	891	<2	42	<10	4	542
10596D	1327151	0.472	2	4.03	53	414	<2	7	0.07	<4	11	<1	128	1.44	0.27	<1	0.15	<100	<1	74	367	47	1.39	<5	9	<10	60	872	<2	41	<10	4	542
10597	1327152	0.038	<1	2.13	32	285	<2	6	<0.01	<4	5	<1	14	0.76	0.26	<1	0.11	<100	<1	31	398	27	0.73	<5	6	<10	38	697	<2	20	<10	3	34
10598	1327153	0.029	1	4.28	35	457	<2	6	0.47	<4	6	<1	21	1.01	0.22	<1	0.33	142	<1	47	417	27	0.77	<5	10	<10	70	1034	<2	27	<10	4	43
10599	1327154	0.021	1	4.48	28	357	<2	6	1.60	<4	8	<1	20	1.26	0.19	<1	0.85	514	<1	40	393	25	0.69	<5	16	<10	95	1051	<2	24	26	4	88
10600	1327155	0.027	<1	4.31	40	336	<2	7	1.40	<4	6	<1	10	1.32	0.08	<1	1.06	563	<1	24	367	15	0.65	<5	12	<10	85	1313	<2	27	<10	4	48
10601	1327156	0.032	<1	4.05	32	346	<2	8	1.43	<4	6	<1	18	1.62	0.05	<1	1.11	509	<1	99	372	17	0.59	<5	<5	<10	94	1263	<2	28	<10	4	42
10602	1327157	0.022	<1	4.93	36	412	<2	9	1.61	<4	10	2154	34	3.56	0.20	<1	1.19	567	<1	176	398	12	0.61	<5	14	<10	146	1354	<2	50	103	4	117
10603	1327158	0.022	<1	4.81	24	453	<2	14	1.76	<4	7	<1	15	1.71	0.13	<1	1.22	499	<1	90	401	12	0.70	<5	10	<10	152	1411	<2	32	<10	5	43

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By: 
 Jason Moore, General Manager

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Final Certificate

 Treasury Metals Inc
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 Email: rory@treasurymetals.com, dennis@treasurymetals.com

 Date Received: 01/18/2013
 Date Completed: 02/01/2013
 Job #: 201340143
 Reference: TL 180-13RE
 Sample #: 68

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
10604	1327159	<0.005	<1	5.24	21	408	<2	9	1.51	<4	7	<1	4	1.72	0.26	<1	1.57	531	<1	88	455	16	0.48	<5	7	<10	133	1466	<2	33	<10	5	38
10605	1327160	<0.005	<1	1.86	13	167	<2	13	1.32	<4	13	<1	19	2.48	0.21	<1	0.92	482	<1	25	444	<1	0.14	<5	7	<10	155	1702	<2	82	15	11	29
10606	1327161	0.020	1	5.44	35	432	<2	4	1.66	<4	7	<1	17	1.75	0.19	<1	1.32	538	<1	96	420	21	0.77	<5	<5	<10	122	1345	<2	31	<10	5	43
10607D	1327161	0.028	1	5.64	25	448	<2	12	1.73	<4	7	<1	18	1.81	0.30	<1	1.36	560	<1	102	430	22	0.79	<5	19	<10	125	1427	<2	33	<10	5	47
10608	1327162	0.026	1	4.54	24	352	<2	7	1.12	<4	5	<1	26	1.42	0.44	<1	0.99	421	<1	46	379	15	0.79	<5	<5	<10	93	1272	<2	28	<10	4	150
10609	1327163	0.027	<1	4.92	21	335	2	3	1.51	<4	8	<1	10	1.55	0.33	<1	1.29	527	<1	55	397	9	0.63	<5	13	<10	107	1347	<2	29	<10	4	48
10610	1327164	0.031	1	4.61	33	290	2	4	1.23	<4	12	<1	14	2.19	0.49	<1	1.33	537	<1	56	413	26	0.97	<5	7	<10	87	1647	<2	45	<10	7	79
10611	1327165	0.101	1	2.89	41	206	<2	9	0.69	12	13	<1	51	2.62	0.37	<1	0.79	388	<1	98	406	73	1.68	<5	6	<10	60	1558	<2	53	28	9	2391
10612	1327166	0.093	2	4.33	46	264	2	15	1.06	15	16	<1	57	2.94	0.22	<1	0.86	424	<1	123	460	44	1.92	<5	9	<10	73	1703	<2	58	36	10	2933
10613	1327167	0.047	<1	3.76	48	291	2	7	0.99	<4	12	<1	25	1.90	0.28	<1	1.00	507	<1	53	422	28	1.16	<5	<5	<10	71	1516	<2	41	<10	7	89
10614	1327168	0.369	1	4.57	31	448	2	7	1.77	<4	6	<1	17	1.83	0.29	<1	0.99	436	<1	132	382	27	0.57	<5	6	<10	115	1151	<2	31	<10	4	100
10615	1327169	0.041	<1	3.99	29	397	<2	6	1.57	<4	6	<1	13	1.48	0.18	<1	1.03	490	<1	44	399	14	0.47	<5	5	<10	101	1283	<2	29	<10	4	97
10616	1327170	0.214	<1	<0.01	330	>5000	<2	13	0.69	<4	6	<1	27	2.41	0.09	<1	0.04	<100	<1	10	<100	13	0.38	12	5	<10	80	525	<2	12	38	5	7
10617	1327171	0.221	1	4.85	31	414	<2	7	1.46	<4	7	<1	39	1.73	0.30	<1	1.09	436	<1	90	393	16	0.64	<5	6	<10	102	1425	<2	30	<10	4	395
10618D	1327171	0.221	<1	4.09	36	359	2	11	1.26	<4	7	<1	40	1.78	0.14	<1	1.10	441	<1	100	389	10	0.60	<5	<5	<10	94	1347	<2	29	<10	4	449
10619	1327172	0.163	1	4.42	30	384	<2	3	1.27	<4	8	<1	26	1.71	0.17	1	1.02	440	<1	69	395	55	0.77	<5	7	<10	100	1425	<2	30	<10	4	757
10620	1327173	0.019	<1	3.93	23	349	<2	5	1.08	<4	9	<1	11	1.72	0.39	<1	1.04	467	<1	96	404	41	0.48	<5	7	<10	88	1434	<2	33	14	4	139
10621	1327174	0.045	<1	3.79	26	355	<2	15	0.94	<4	7	<1	20	1.79	0.23	<1	1.02	439	<1	80	431	28	0.55	<5	10	<10	88	1431	<2	32	<10	4	266
10622	1327175	0.259	<1	4.25	39	382	<2	8	0.74	<4	8	<1	20	1.64	0.28	<1	0.93	409	<1	72	428	98	0.60	<5	13	<10	84	1464	<2	32	<10	4	502
10623	1327176	0.052	<1	4.05	26	363	<2	12	1.01	<4	7	<1	13	1.72	0.50	<1	1.00	457	<1	99	430	51	0.41	<5	<5	<10	89	1424	<2	33	<10	5	166

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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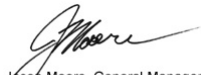
Final Certificate

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 Date Received: 01/18/2013
 Date Completed: 02/01/2013
 Job #: 201340143
 Reference: TL 180-13RE
 Sample #: 68

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
10624	1327177	0.373	2	4.37	33	356	<2	11	1.15	<4	7	<1	65	1.85	0.49	<1	1.06	417	<1	95	398	691	0.79	<5	14	<10	94	1309	<2	31	14	4	863
10625	1327178	0.426	2	4.18	23	302	<2	12	0.86	5	6	<1	25	1.79	0.34	<1	1.23	382	<1	98	380	659	0.72	<5	13	<10	95	1232	<2	30	19	4	1670
10626	1327179	0.076	<1	4.67	31	305	<2	12	1.21	<4	7	<1	9	1.67	0.49	<1	1.16	394	<1	85	395	25	0.52	<5	11	<10	115	1301	<2	31	<10	4	422
10627	1327180	<0.005	<1	3.87	24	290	<2	4	1.77	<4	11	<1	21	2.49	0.32	<1	0.94	501	<1	23	459	9	0.19	<5	7	<10	227	2029	<2	87	12	12	105
10628	1327181	0.076	1	4.74	17	308	2	3	2.04	<4	6	<1	50	1.83	0.24	<1	1.42	633	<1	53	356	97	0.72	<5	8	<10	144	1298	<2	29	35	5	565
10629R	1327181	0.034	2	4.61	22	340	<2	12	1.87	<4	3	<1	45	1.77	0.18	2	1.24	569	<1	83	310	89	0.74	<5	18	<10	138	1206	<2	27	29	4	515
10630	1327182	0.015	<1	4.91	17	319	2	10	2.64	<4	6	<1	38	1.94	0.11	<1	1.77	767	<1	67	395	29	0.58	<5	12	<10	187	1351	<2	29	<10	5	749
10631	1327183	0.029	<1	4.65	18	288	3	6	2.51	<4	7	<1	29	1.87	0.02	<1	1.30	608	<1	93	378	26	0.51	<5	13	<10	180	1204	<2	29	<10	5	229
10632	1327184	0.021	<1	3.99	16	339	<2	8	1.12	<4	7	<1	12	1.74	0.20	<1	1.17	519	<1	63	395	19	0.66	<5	8	<10	117	1400	<2	30	<10	4	61
10633	1327185	0.080	1	3.67	17	319	<2	11	0.81	<4	8	<1	32	1.61	0.11	<1	1.00	400	<1	56	433	238	0.42	<5	6	<10	90	1529	<2	33	<10	5	369
10634	1327186	0.012	2	4.02	31	320	<2	5	0.92	<4	6	<1	34	1.73	0.19	<1	0.97	393	<1	78	409	440	0.51	<5	9	<10	100	1473	<2	32	<10	4	467
10635	1327187	0.006	<1	3.99	26	370	<2	16	0.99	<4	6	<1	17	1.82	0.31	<1	0.94	421	<1	114	407	104	0.40	<5	11	<10	92	1517	<2	34	<10	5	148
10636	1327188	0.134	2	4.44	27	359	2	8	1.49	<4	8	<1	69	1.95	0.40	<1	1.01	543	<1	118	379	379	0.79	<5	16	<10	107	1292	<2	32	11	4	689
10637	1327189	0.057	1	6.14	28	391	2	14	1.04	<4	18	<1	57	3.49	0.30	10	1.24	452	<1	113	621	45	0.91	<5	10	<10	101	2205	<2	93	<10	10	80

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

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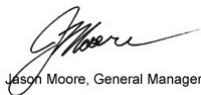
Final Certificate

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 Date Received: 01/16/2013
 Date Completed: 02/01/2013
 Job #: 201340110
 Reference: TL223-13RE
 Sample #: 34

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
9086	1327056	0.073	1	3.04	24	233	<2	1	0.78	<4	5	<1	23	1.36	0.21	<1	0.57	278	<1	35	447	36	1.09	<5	11	<10	81	935	<2	22	<10	3	298
9087	1327057	0.023	<1	3.63	31	242	<2	<1	1.11	<4	13	<1	37	2.41	0.25	<1	0.87	458	<1	89	434	41	1.53	<5	12	<10	94	1214	<2	40	<10	7	169
9088	1327058	1.169	<1	3.52	18	292	<2	3	0.78	<4	7	<1	15	1.42	0.14	<1	0.57	263	<1	51	499	36	1.05	5	9	<10	92	1093	<2	23	<10	3	113
9089	1327059	0.009	<1	3.85	19	338	<2	<1	0.91	<4	6	<1	11	1.48	0.24	<1	0.60	328	<1	53	536	37	1.17	<5	13	<10	84	1115	<2	25	<10	3	38
9090	1327060	<0.005	<1	2.52	<2	235	<2	<1	1.59	<4	12	<1	19	2.61	0.08	<1	0.98	517	<1	27	496	11	0.18	11	<5	<10	175	1835	<2	86	21	10	43
9091	1327061	0.068	<1	4.11	34	384	<2	<1	0.51	<4	7	<1	15	1.48	0.22	<1	0.47	225	<1	37	491	65	1.41	10	7	<10	73	1122	<2	26	<10	3	288
9092	1327062	0.870	<1	3.97	31	377	<2	<1	<0.01	<4	4	<1	14	1.49	0.19	<1	0.18	<100	<1	49	477	38	1.50	5	13	<10	53	980	<2	27	<10	2	148
9093	1327063	0.283	2	3.94	44	352	<2	2	0.12	<4	6	<1	24	1.51	0.25	<1	0.29	<100	<1	36	432	126	1.58	12	10	<10	58	749	<2	25	12	2	722
9094	1327064	0.467	<1	3.28	106	296	<2	<1	<0.01	4	7	<1	28	1.86	0.17	<1	0.16	<100	<1	44	311	84	2.04	8	6	<10	49	651	<2	28	16	<2	970
9095	1327065	0.578	4	3.71	145	311	<2	<1	0.61	4	12	<1	68	2.40	0.31	<1	0.14	158	<1	70	282	186	2.68	24	9	<10	56	685	<2	41	13	3	907
9096D	1327065	0.572	3	3.04	126	271	<2	2	0.46	4	12	<1	63	2.25	0.05	<1	0.13	146	<1	63	265	176	2.50	24	<5	<10	50	628	<2	38	13	2	839
9097	1327066	0.383	<1	3.23	168	264	<2	<1	0.38	6	12	<1	47	2.78	0.17	<1	0.14	117	<1	80	225	100	3.10	26	<5	<10	52	638	<2	42	21	2	1536
9098	1327067	0.441	2	3.92	53	359	<2	<1	0.86	<4	6	<1	42	1.46	0.17	<1	0.56	299	<1	50	399	252	1.32	23	11	<10	50	1031	<2	26	12	2	519
9099	1327068	0.884	3	3.89	93	400	<2	<1	0.31	9	8	<1	106	2.40	0.18	<1	0.49	260	<1	59	369	590	2.47	28	7	<10	50	1133	<2	27	31	2	2476
9100	1327069	2.338	9	4.18	88	542	<2	<1	0.11	4	8	<1	90	1.49	0.17	<1	0.29	123	<1	40	373	411	1.55	43	8	<10	48	1301	<2	28	21	2	1074
9101	1327070	1.008	<1	3.78	5	339	<2	<1	1.99	<4	16	<1	29	3.22	0.08	<1	1.16	617	<1	32	571	12	0.23	<5	9	<10	203	2213	<2	102	19	11	55
9102	1327071	0.501	<1	4.30	44	475	<2	1	0.32	<4	8	<1	28	1.41	0.66	<1	0.34	159	<1	69	420	56	1.27	12	9	<10	49	1337	<2	29	12	2	205
9103	1327072	0.267	1	5.18	53	451	<2	<1	0.99	<4	9	<1	23	1.50	0.19	<1	0.62	349	<1	51	434	66	1.32	8	<5	<10	90	1368	<2	31	<10	2	76
9104	1327073	2.123	4	4.09	50	353	<2	<1	0.70	<4	7	<1	52	1.50	0.13	<1	0.55	337	<1	45	386	75	1.31	<5	9	<10	68	1327	<2	28	<10	2	266
9105	1327074	2.988	2	3.81	44	286	<2	<1	0.95	<4	6	<1	21	1.45	0.10	<1	0.65	456	<1	49	436	113	1.14	<5	7	<10	73	1282	<2	25	<10	3	429

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

 Certified By:  Jason Moore, General Manager

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Tuesday, February 5, 2013

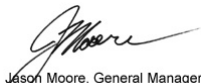
Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: rory@treasurymetals.com, dennis@treasurymetals.com

Date Received: 01/16/2013
 Date Completed: 02/01/2013
 Job #: 201340110
 Reference: TL223-13RE
 Sample #: 34

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
9106	1327075	0.569	2	3.75	70	322	<2	<1	0.37	<4	7	<1	27	1.48	0.22	<1	0.35	184	<1	52	418	126	1.38	<5	9	<10	63	1234	<2	26	10	3	207
9107D	1327075	0.499	1	3.53	80	302	<2	<1	0.30	<4	6	<1	26	1.41	0.28	<1	0.36	181	<1	37	425	125	1.34	12	9	<10	60	1234	<2	26	<10	3	208
9108	1327076	0.071	1	4.38	23	319	<2	<1	1.61	<4	7	<1	5	1.60	0.17	<1	0.84	434	<1	45	487	29	0.98	5	10	<10	146	1433	<2	27	<10	3	38
9109	1327077	0.035	<1	3.43	17	252	<2	1	1.19	<4	7	<1	10	1.40	0.10	<1	0.67	354	<1	59	454	36	0.82	5	<5	<10	129	1267	<2	24	<10	3	144
9110	1327078	0.018	<1	4.33	26	294	<2	<1	1.40	<4	5	<1	9	1.51	0.18	<1	0.76	366	<1	58	460	29	0.91	7	16	<10	113	1378	<2	27	<10	3	37
9111	1327079	2.175	2	3.50	58	333	<2	1	0.51	12	7	<1	99	1.82	0.12	<1	0.43	224	<1	39	363	395	1.71	<5	8	<10	65	1250	<2	27	38	2	2671
9112	1327080	<0.005	<1	2.20	<2	213	<2	<1	1.58	<4	13	<1	20	2.78	0.03	<1	1.03	547	<1	30	512	12	0.16	5	8	<10	168	1987	<2	91	17	10	61
9113	1327081	0.148	<1	4.86	51	377	<2	<1	1.67	<4	9	<1	23	2.01	0.32	<1	1.16	602	<1	63	438	40	1.29	7	11	12	100	1364	<2	31	12	3	343
9114	1327082	0.090	<1	3.44	30	229	<2	1	1.00	<4	7	<1	26	1.56	0.08	<1	0.97	496	<1	52	444	20	0.92	<5	11	<10	74	1264	<2	25	<10	3	56
9115	1327083	0.013	<1	4.28	6	272	<2	<1	1.09	<4	13	<1	29	2.43	0.05	<1	1.46	580	<1	72	438	21	0.82	9	9	<10	88	1624	<2	46	<10	7	96
9116	1327084	0.025	1	5.12	5	365	<2	<1	2.30	<4	7	<1	15	1.71	0.12	<1	1.21	466	<1	38	464	14	0.47	<5	8	<10	136	1475	<2	31	<10	3	89
9117	1327085	0.038	1	4.79	7	434	<2	<1	1.81	<4	4	<1	9	1.38	0.12	<1	0.93	361	<1	31	439	15	0.45	<5	5	<10	117	1365	<2	28	<10	2	348
9118D	1327085	0.047	<1	4.28	9	387	<2	1	1.70	<4	6	<1	9	1.40	0.14	<1	0.95	366	<1	31	448	18	0.44	<5	9	<10	112	1340	<2	28	<10	3	363
9119	1327086	0.091	<1	4.42	8	386	<2	<1	1.80	<4	7	<1	9	1.41	0.06	<1	0.95	365	<1	31	423	13	0.47	<5	7	<10	117	1348	<2	27	11	2	539
9120	1327087	1.297	8	2.79	46	293	<2	<1	0.72	35	6	<1	809	2.46	0.25	<1	0.50	259	<1	40	320	193	2.51	<5	7	<10	78	1112	<2	24	112	2	14063
9121	1327088	0.057	<1	4.03	11	384	<2	<1	1.77	<4	6	<1	26	1.58	0.17	<1	0.73	364	<1	46	468	14	0.54	10	12	<10	91	1393	<2	29	<10	3	222
9122	1327089	0.028	<1	4.29	19	445	<2	<1	1.35	<4	8	<1	18	1.63	0.12	<1	0.83	365	<1	26	478	42	0.67	7	20	<10	86	1603	<2	38	<10	3	96

PROCEDURE CODES: ALP1, ALFA1, ALMA1, AISu1

Certified By: 
 Jason Moore, General Manager

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2013

ALS MINERALS CERTIFICATES



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TREASURY METALS INC**
130 KING STREET WEST
PO BOX 99, SUITE 3680
TORONTO ON M5X 1B1

Page: 1
 Finalized Date: 14-MAR-2013
 Account: TREMET

CERTIFICATE TB13044215

Project: Goliath
 P.O. No.: TL13-316
 This report is for 140 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-MAR-2013.
 The following have access to data associated with this certificate:
 RORY KROCKER ADAM LARSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **TREASURY METALS INC**
ATTN: ADAM LARSEN
130 KING STREET WEST
PO BOX 99, SUITE 3680
TORONTO ON M5X 1B1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
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To: TREASURY METALS INC
 130 KING STREET WEST
 PO BOX 99, SUITE 3680
 TORONTO ON M5X 1B1

Page: 2 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
1328475		1.18	0.01	<0.5	6.17	13	700	0.9	<2	2.34	<0.5	8	15	20	1.35	20
1328476		1.33	0.01	<0.5	7.08	<5	710	0.9	<2	2.30	<0.5	7	15	20	1.28	20
1328477		3.47	0.04	<0.5	7.05	15	860	0.9	<2	2.25	1.7	7	13	54	1.62	20
1328478		3.76	0.03	<0.5	7.14	29	780	1.2	<2	2.16	<0.5	12	18	35	1.69	20
1328479		2.38	0.37	1.8	5.99	57	470	1.0	<2	0.25	0.9	5	8	27	1.54	20
1328480		0.04	4.55	73.9	5.16	45	540	0.7	<2	1.67	20.6	13	35	55	3.58	10
1328481		3.87	0.18	0.9	6.95	40	460	1.2	<2	0.19	0.6	6	4	21	1.11	20
1328482		4.12	0.12	<0.5	6.93	27	490	1.3	<2	0.38	<0.5	5	4	11	0.75	20
1328483		3.87	0.16	0.8	6.20	30	460	1.2	<2	0.23	<0.5	3	6	11	0.71	20
1328484		3.77	0.67	0.9	6.54	29	460	1.3	<2	0.16	<0.5	5	5	13	0.71	20
1328485		4.02	0.09	0.5	7.04	30	480	1.1	<2	0.28	<0.5	5	5	5	0.79	20
1328486		3.66	0.01	<0.5	7.80	20	600	1.1	<2	0.35	<0.5	9	4	20	1.03	20
1328487		3.86	0.05	<0.5	7.41	7	680	1.0	<2	2.68	<0.5	4	8	9	1.70	20
1328488		4.17	0.01	<0.5	7.67	15	770	1.1	<2	2.16	<0.5	6	50	13	1.95	20
1328489		3.77	0.01	<0.5	7.54	<5	780	1.1	<2	1.67	<0.5	3	5	17	1.66	20
1328490		0.06	<0.01	<0.5	6.27	<5	490	0.7	<2	2.74	<0.5	11	53	23	3.46	10
1328491		4.20	0.01	<0.5	5.81	7	480	1.0	<2	1.39	<0.5	2	10	11	1.20	20
1328492		2.39	0.21	5.1	5.77	19	620	0.8	<2	0.48	5.7	3	10	189	1.88	20
1328493		3.93	0.07	2.9	6.60	22	730	0.9	<2	1.20	4.0	5	7	123	1.78	20
1328494		3.89	0.04	<0.5	7.48	17	550	1.1	<2	1.94	<0.5	7	7	6	1.62	20
1328495		1.77	0.04	<0.5	7.67	13	560	1.0	<2	1.73	0.6	16	7	10	1.40	20
1328496		1.88	0.02	<0.5	7.07	13	420	0.9	<2	1.74	<0.5	11	7	8	1.29	20
1328497		3.77	0.01	<0.5	5.10	12	320	0.5	<2	1.62	<0.5	6	12	7	1.34	10
1328498		2.60	0.01	0.7	7.83	<5	700	0.8	<2	1.42	<0.5	12	13	34	1.67	20
1328499		3.13	0.01	<0.5	6.82	5	400	0.8	<2	2.10	<0.5	4	9	17	1.40	20
1328500		0.04	0.35	2.3	7.30	53	350	0.9	<2	1.37	2.9	12	31	2440	5.48	20
1328501		3.90	0.01	<0.5	7.47	<5	640	1.0	<2	1.33	<0.5	7	10	20	1.21	20
1328502		4.02	0.01	<0.5	8.03	21	600	1.1	<2	0.89	<0.5	7	6	27	1.28	20
1328503		3.72	0.10	<0.5	7.10	19	500	0.8	<2	0.76	<0.5	4	5	7	1.15	20
1328504		2.54	0.02	<0.5	7.15	16	550	0.9	<2	0.85	0.8	3	5	8	1.32	20
1328505		2.59	0.01	<0.5	6.18	10	560	0.9	<2	0.79	<0.5	3	8	12	1.23	20
1328506		3.90	0.05	0.6	7.36	14	420	0.9	<2	0.97	<0.5	6	14	23	1.92	20
1328507		3.75	0.02	<0.5	6.69	8	260	0.8	<2	1.65	<0.5	1	7	2	1.29	20
1328508		3.92	<0.01	<0.5	6.76	14	280	0.8	<2	1.06	<0.5	<1	7	2	0.75	20
1328509		3.98	<0.01	<0.5	7.10	16	320	0.8	<2	1.06	<0.5	1	6	5	0.65	20
1328510		0.06	<0.01	<0.5	6.13	11	470	0.7	<2	2.66	<0.5	12	57	22	3.38	10
1328511		1.80	<0.01	<0.5	7.40	15	290	0.9	<2	1.07	<0.5	1	6	4	0.78	20
1328512		2.10	<0.01	<0.5	6.84	8	280	0.8	<2	0.86	<0.5	1	7	6	0.74	20
1328513		2.74	<0.01	<0.5	7.51	5	380	0.8	<2	0.79	<0.5	2	7	2	0.67	20
1328514		3.80	<0.01	<0.5	7.14	6	330	0.9	<2	0.77	<0.5	1	7	4	0.67	20



ALS Canada Ltd.
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Page: 2 - B
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1328475		2.51	10	0.46	352	<1	1.40	13	490	15	0.47	<5	4	159	<20	0.21
1328476		2.55	10	0.50	354	<1	1.42	12	500	21	0.37	<5	5	165	<20	0.21
1328477		3.03	20	0.99	620	<1	0.84	13	530	34	0.61	<5	4	147	<20	0.20
1328478		2.74	20	0.91	674	<1	0.72	18	530	50	0.69	<5	5	121	<20	0.20
1328479		3.12	10	0.30	103	<1	0.11	9	560	78	1.43	<5	3	29	<20	0.18
1328480		1.00	10	0.83	504	3	1.94	23	600	636	0.39	97	10	236	<20	0.26
1328481		3.66	20	0.35	91	<1	0.15	13	660	60	0.88	<5	3	36	<20	0.19
1328482		3.63	20	0.57	275	<1	0.22	7	630	54	0.49	<5	3	39	<20	0.20
1328483		3.66	20	0.44	150	<1	0.17	5	640	63	0.52	<5	3	26	<20	0.19
1328484		3.92	10	0.29	76	<1	0.17	8	640	73	0.50	<5	3	27	<20	0.20
1328485		3.76	20	0.39	153	<1	0.21	8	660	95	0.49	<5	3	27	<20	0.21
1328486		4.25	20	0.41	148	<1	0.23	11	710	41	0.41	<5	3	35	<20	0.24
1328487		3.05	20	0.93	553	<1	0.88	4	750	27	0.48	<5	3	120	<20	0.22
1328488		3.29	30	1.33	651	<1	0.81	28	790	53	0.71	<5	5	106	<20	0.26
1328489		3.10	20	1.06	707	<1	1.24	5	650	49	0.61	<5	3	122	<20	0.22
1328490		0.87	10	1.33	686	1	2.30	27	620	2	0.05	<5	15	286	<20	0.35
1328491		1.96	20	0.85	509	<1	0.82	4	530	56	0.32	<5	2	90	<20	0.16
1328492		2.77	20	0.48	261	<1	0.30	4	510	1010	1.41	7	3	38	<20	0.17
1328493		2.87	20	1.13	725	<1	0.76	6	540	432	1.05	<5	3	87	<20	0.19
1328494		2.81	20	1.59	1085	<1	1.56	10	640	31	0.64	<5	3	151	<20	0.21
1328495		2.43	20	0.98	732	<1	2.52	17	680	32	0.76	<5	3	159	<20	0.19
1328496		2.14	20	1.16	964	<1	2.30	11	660	29	0.55	<5	3	146	<20	0.17
1328497		1.08	10	0.90	818	<1	1.94	8	410	18	0.75	<5	2	120	<20	0.11
1328498		2.35	20	0.70	541	<1	2.94	17	410	41	0.92	<5	3	156	<20	0.19
1328499		1.26	10	1.18	1065	<1	2.87	6	440	33	0.43	<5	2	160	<20	0.14
1328500		2.41	10	0.84	1140	18	0.66	21	750	83	3.49	<5	8	170	<20	0.18
1328501		2.01	20	0.87	653	<1	2.60	9	460	56	0.46	<5	3	164	<20	0.18
1328502		2.66	20	0.60	432	<1	2.72	7	540	60	0.83	<5	3	161	<20	0.20
1328503		1.81	10	0.44	311	<1	3.29	3	450	39	0.87	<5	2	115	<20	0.15
1328504		1.72	10	0.46	308	<1	3.50	4	450	16	0.97	<5	3	117	<20	0.15
1328505		2.01	10	0.50	388	<1	3.20	4	450	29	0.72	<5	2	126	<20	0.16
1328506		2.17	20	1.08	1095	<1	2.66	8	540	167	0.79	<5	4	144	<20	0.18
1328507		1.69	10	1.71	954	<1	2.69	3	390	26	0.69	<5	3	157	<20	0.13
1328508		1.75	10	0.72	350	<1	3.15	1	380	10	0.37	<5	2	129	<20	0.15
1328509		1.83	10	0.66	289	<1	3.29	2	420	11	0.24	<5	2	127	<20	0.15
1328510		0.85	10	1.30	667	1	2.25	27	620	3	0.04	<5	14	280	<20	0.34
1328511		1.70	10	0.81	311	<1	3.46	1	430	14	0.30	<5	2	137	<20	0.16
1328512		1.91	10	0.73	324	<1	3.20	2	420	7	0.35	<5	2	120	<20	0.15
1328513		2.24	10	0.51	207	<1	3.33	3	430	8	0.38	<5	2	119	<20	0.17
1328514		2.04	10	0.50	209	<1	3.25	2	400	12	0.38	<5	2	116	<20	0.16



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Page: 2 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328475		<10	<10	48	<10	35
1328476		<10	<10	47	<10	36
1328477		<10	<10	42	<10	486
1328478		<10	<10	41	<10	91
1328479		<10	<10	32	<10	305
1328480		<10	<10	94	40	2030
1328481		<10	<10	32	<10	239
1328482		<10	<10	33	<10	124
1328483		<10	<10	32	<10	96
1328484		<10	<10	33	<10	110
1328485		<10	<10	33	<10	81
1328486		<10	<10	37	<10	72
1328487		<10	<10	37	<10	48
1328488		<10	<10	45	10	106
1328489		<10	<10	34	<10	155
1328490		<10	<10	113	20	57
1328491		<10	<10	24	<10	84
1328492		<10	<10	26	<10	1570
1328493		10	<10	31	10	1410
1328494		<10	<10	34	<10	141
1328495		<10	<10	31	<10	82
1328496		<10	<10	30	<10	69
1328497		<10	<10	20	<10	47
1328498		<10	<10	33	<10	46
1328499		<10	<10	27	<10	70
1328500		<10	<10	71	<10	663
1328501		<10	<10	32	<10	77
1328502		<10	<10	35	<10	94
1328503		<10	<10	28	<10	36
1328504		<10	<10	29	<10	407
1328505		<10	<10	34	<10	57
1328506		<10	<10	38	<10	126
1328507		<10	<10	28	<10	40
1328508		<10	<10	26	<10	16
1328509		<10	<10	25	<10	16
1328510		<10	<10	110	20	56
1328511		<10	<10	25	<10	12
1328512		<10	<10	26	<10	18
1328513		<10	<10	25	<10	10
1328514		<10	<10	26	<10	12



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Page: 3 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328515		1.26	<0.01	<0.5	7.15	20	320	0.9	<2	0.83	<0.5	1	6	8	0.66	20
1328516		1.23	<0.01	<0.5	7.06	14	310	0.9	<2	0.81	<0.5	1	6	8	0.66	20
1328517		3.75	<0.01	<0.5	7.16	9	330	0.8	2	1.25	<0.5	2	8	9	0.73	20
1328518		3.62	<0.01	<0.5	7.51	16	330	0.8	<2	1.49	<0.5	3	7	6	0.87	20
1328519		3.89	0.01	<0.5	7.51	18	400	0.8	<2	1.26	<0.5	4	8	4	0.74	20
1328520		0.04	1.84	<0.5	6.42	12	490	0.7	3	2.63	<0.5	15	55	33	3.90	10
1328521		3.86	0.15	0.8	6.71	25	300	0.8	<2	1.57	<0.5	9	30	19	1.60	20
1328522		2.35	0.22	0.6	6.64	32	310	0.9	<2	1.62	<0.5	9	38	34	2.16	20
1328523		2.65	0.18	0.7	6.84	30	280	0.9	2	1.91	<0.5	7	13	14	1.79	20
1328524		3.03	0.18	0.6	7.03	22	310	0.9	<2	1.43	<0.5	6	17	25	1.67	20
1328525		3.92	0.05	0.5	7.38	20	420	0.9	3	1.55	<0.5	4	7	20	1.39	20
1328526		2.28	0.10	2.0	7.12	23	430	1.0	4	0.82	1.1	4	7	41	0.98	20
1328527		3.90	0.07	0.8	6.91	12	360	0.9	2	1.49	<0.5	4	9	18	1.36	20
1328528		3.78	0.02	<0.5	7.83	22	360	1.0	<2	1.57	<0.5	4	9	12	1.28	20
1328529		3.70	0.02	<0.5	7.22	25	330	1.0	<2	1.96	<0.5	7	10	13	1.54	20
1328530		0.06	<0.01	<0.5	6.36	6	480	0.7	<2	2.61	<0.5	13	53	25	3.38	20
1328531		3.93	0.03	0.6	7.18	20	320	0.9	3	2.05	<0.5	4	8	23	1.38	20
1328532		3.96	0.04	<0.5	7.66	29	330	1.0	3	1.71	<0.5	4	7	14	1.38	20
1328533		3.77	0.20	1.2	7.17	31	310	0.9	<2	1.49	<0.5	4	7	6	1.33	20
1328534		3.70	0.09	1.4	7.14	39	390	0.9	2	1.83	<0.5	5	7	10	1.41	20
1328535		1.70	0.07	0.7	7.13	33	400	0.9	<2	1.82	<0.5	4	6	12	1.40	20
1328536		1.86	0.04	0.8	7.00	32	430	0.9	<2	1.70	<0.5	3	6	13	1.37	20
1328537		3.85	0.02	<0.5	7.07	24	400	0.9	<2	1.28	<0.5	5	6	4	1.17	20
1328538		3.41	0.03	0.5	7.22	32	440	0.9	2	1.61	<0.5	4	7	6	1.17	20
1328539		3.56	0.02	0.6	7.48	18	530	0.9	<2	1.66	<0.5	5	7	5	1.15	20
1328540		0.04	5.18	71.8	5.39	49	540	0.7	<2	1.63	20.8	13	36	54	3.54	20
1328541		3.57	0.01	0.6	7.20	21	410	0.8	<2	1.83	<0.5	7	8	5	1.33	20
1328542		3.53	0.01	<0.5	7.22	21	390	0.9	<2	1.81	<0.5	4	7	4	1.59	20
1328543		3.68	0.01	<0.5	7.30	13	450	0.8	<2	1.83	<0.5	4	6	4	1.41	20
1328544		3.71	0.01	<0.5	7.29	19	460	1.2	<2	1.81	<0.5	3	7	6	1.34	20
1328545		3.80	0.02	0.9	7.04	15	430	1.1	3	2.79	0.7	3	6	25	1.87	20
1328546		3.62	0.01	0.5	7.25	12	540	1.2	<2	1.80	<0.5	4	6	5	1.56	20
1328547		3.72	0.03	<0.5	7.13	21	810	1.2	<2	1.13	0.7	3	6	22	1.51	20
1328548		3.76	0.13	1.6	8.03	35	840	1.1	<2	2.74	1.0	18	107	62	3.46	20
1328549		3.35	0.02	0.5	7.46	45	750	1.1	2	1.48	<0.5	7	9	15	1.41	20
1328550		0.06	<0.01	<0.5	6.27	6	480	0.7	<2	2.61	<0.5	12	52	23	3.33	10
1328551		3.93	0.19	<0.5	7.25	32	580	1.1	2	1.14	<0.5	4	6	5	1.85	20
1328552		3.19	25.5	10.6	7.13	26	570	1.0	2	0.95	<0.5	7	7	31	2.48	20
1328553		3.54	0.04	0.5	7.88	30	560	1.0	2	1.30	<0.5	6	7	10	2.14	20
1328554		3.48	0.09	<0.5	8.16	24	740	0.9	<2	1.84	<0.5	7	7	11	2.24	20



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Page: 3 - B
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1328515		2.01	10	0.50	230	<1	3.22	2	410	16	0.31	<5	3	119	<20	0.16
1328516		2.00	10	0.50	230	<1	3.23	2	420	11	0.35	<5	3	117	<20	0.16
1328517		2.02	10	0.72	422	<1	2.87	<1	390	14	0.21	<5	3	122	<20	0.16
1328518		2.18	10	0.86	531	<1	2.78	1	380	19	0.28	<5	3	121	<20	0.16
1328519		2.62	10	0.80	459	<1	1.99	1	360	24	0.22	<5	3	107	<20	0.18
1328520		0.86	10	1.40	708	2	2.19	30	620	5	0.04	<5	15	274	<20	0.35
1328521		1.92	20	0.85	618	<1	1.84	14	370	17	0.72	<5	4	115	<20	0.17
1328522		2.08	20	1.02	736	<1	1.85	15	450	13	1.03	<5	6	112	<20	0.20
1328523		1.77	10	0.91	758	<1	2.51	8	360	13	0.91	<5	4	131	<20	0.14
1328524		2.16	10	0.79	577	<1	2.18	8	380	14	1.05	<5	4	114	<20	0.16
1328525		2.44	10	0.91	655	<1	1.79	4	370	26	0.70	<5	3	119	<20	0.16
1328526		3.27	10	0.70	307	<1	0.49	3	380	155	0.60	<5	3	71	<20	0.18
1328527		2.54	10	0.99	443	<1	1.20	4	380	24	0.51	<5	3	116	<20	0.17
1328528		2.99	20	1.13	473	<1	1.36	1	450	25	0.46	<5	3	128	<20	0.20
1328529		2.75	10	1.09	617	<1	1.08	7	430	40	1.01	<5	3	136	<20	0.18
1328530		0.84	10	1.29	668	<1	2.27	28	590	4	0.04	<5	14	283	<20	0.35
1328531		3.02	10	1.14	713	<1	0.66	1	380	13	0.58	<5	3	111	<20	0.17
1328532		3.29	10	1.07	716	<1	0.49	2	380	24	0.71	<5	3	81	<20	0.18
1328533		3.01	10	1.05	722	<1	0.48	2	360	47	0.79	<5	2	65	<20	0.16
1328534		3.23	10	1.04	737	<1	0.48	3	370	90	0.75	<5	3	77	<20	0.17
1328535		2.97	10	0.95	622	<1	0.57	2	370	13	0.72	<5	2	89	<20	0.16
1328536		2.97	10	0.89	572	<1	0.54	2	350	20	0.75	<5	2	87	<20	0.16
1328537		2.94	10	0.69	388	<1	1.10	2	380	7	0.72	<5	3	73	<20	0.17
1328538		2.67	10	0.84	541	<1	1.15	3	370	11	0.63	<5	3	84	<20	0.17
1328539		3.10	10	0.72	472	<1	1.24	4	370	13	0.53	<5	3	103	<20	0.17
1328540		0.98	10	0.82	502	4	1.95	25	570	660	0.38	94	11	239	<20	0.26
1328541		2.23	10	0.72	378	<1	1.96	5	380	7	0.51	<5	3	115	<20	0.16
1328542		2.10	10	0.78	406	<1	2.23	4	380	10	0.79	<5	3	132	<20	0.17
1328543		2.12	10	0.66	377	<1	2.28	2	390	7	0.49	<5	3	132	<20	0.16
1328544		3.48	10	1.20	721	<1	0.40	1	370	25	0.38	<5	3	75	<20	0.17
1328545		3.25	10	1.92	1365	<1	0.43	3	360	151	0.83	<5	3	106	<20	0.15
1328546		3.15	10	1.39	695	<1	0.44	1	370	77	0.30	<5	3	62	<20	0.17
1328547		3.58	10	1.07	538	<1	0.52	2	390	54	0.79	<5	3	80	<20	0.17
1328548		3.07	30	1.43	842	<1	0.24	53	500	90	1.75	<5	12	85	<20	0.28
1328549		3.37	20	1.17	577	<1	0.37	12	580	37	0.48	<5	4	80	<20	0.22
1328550		0.84	10	1.28	668	1	2.24	27	590	3	0.04	<5	14	281	<20	0.35
1328551		3.30	20	0.85	562	<1	0.47	4	550	12	1.37	<5	3	73	<20	0.21
1328552		3.24	10	0.99	493	<1	0.54	6	550	210	2.01	<5	3	51	<20	0.22
1328553		3.36	20	1.29	492	<1	0.83	5	600	5	1.44	<5	4	50	<20	0.24
1328554		4.13	20	1.68	700	<1	1.12	6	620	4	1.02	<5	4	68	<20	0.24



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Page: 3 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328515		10	<10	26	<10	15
1328516		<10	<10	26	<10	15
1328517		<10	<10	27	10	27
1328518		<10	<10	29	<10	31
1328519		<10	<10	28	<10	22
1328520		<10	<10	120	20	66
1328521		<10	<10	35	<10	42
1328522		<10	<10	47	<10	63
1328523		<10	<10	28	<10	41
1328524		<10	<10	31	<10	43
1328525		<10	<10	26	10	46
1328526		<10	<10	27	10	490
1328527		<10	<10	28	10	73
1328528		10	<10	31	<10	57
1328529		<10	<10	30	<10	210
1328530		<10	<10	110	20	60
1328531		<10	<10	27	<10	103
1328532		<10	<10	28	10	52
1328533		<10	<10	24	<10	88
1328534		10	<10	25	<10	68
1328535		<10	<10	25	<10	46
1328536		10	<10	23	<10	43
1328537		<10	<10	26	10	23
1328538		<10	<10	27	10	30
1328539		<10	<10	27	10	24
1328540		<10	<10	94	40	2060
1328541		<10	<10	27	<10	315
1328542		<10	<10	28	<10	65
1328543		<10	<10	26	<10	31
1328544		<10	<10	26	<10	43
1328545		<10	<10	25	<10	306
1328546		<10	<10	27	<10	110
1328547		<10	<10	28	10	314
1328548		<10	<10	86	10	512
1328549		<10	<10	53	10	105
1328550		<10	<10	109	20	57
1328551		<10	<10	34	<10	48
1328552		<10	<10	35	<10	188
1328553		<10	<10	38	<10	18
1328554		<10	<10	41	<10	13



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Page: 4 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328555		1.74	0.02	<0.5	7.51	22	620	0.7	<2	3.98	<0.5	6	5	15	1.68	20
1328556		1.69	0.04	<0.5	7.37	23	660	0.7	<2	3.50	<0.5	5	5	14	1.67	20
1328557		3.80	0.02	<0.5	6.81	14	470	0.9	<2	6.25	<0.5	5	5	13	1.26	20
1328558		3.64	0.02	<0.5	7.37	7	730	1.0	<2	1.77	<0.5	5	5	26	1.45	20
1328559		4.31	0.04	<0.5	7.45	9	630	0.9	2	1.41	<0.5	4	6	11	1.43	20
1328560		0.04	0.25	0.8	0.55	470	3280	<0.5	<2	1.05	0.5	7	20	33	3.01	<10
1328561		2.40	0.29	2.7	6.90	16	590	0.7	<2	1.66	4.0	3	5	107	1.61	20
1328562		4.16	0.03	<0.5	7.37	19	560	0.9	2	1.78	<0.5	5	6	22	1.42	20
1328563		3.93	0.07	1.8	7.18	23	560	1.0	2	1.66	0.6	4	6	48	1.38	20
1328564		3.51	0.26	1.1	6.82	45	590	0.8	<2	1.31	0.6	4	5	27	1.82	20
1328565		4.33	0.32	<0.5	7.23	86	600	0.8	2	1.22	1.4	4	6	28	1.43	20
1328566		2.58	0.07	<0.5	7.47	25	600	1.0	<2	1.75	<0.5	5	6	13	1.40	20
1328567		2.27	6.82	7.4	6.70	82	510	0.9	<2	0.75	5.8	4	7	165	1.79	20
1328568		3.95	0.24	11.6	7.18	89	600	0.9	3	0.38	4.8	4	5	67	1.22	20
1328569		2.43	0.11	0.6	7.86	25	670	1.0	<2	0.29	<0.5	5	7	10	1.03	20
1328570		0.05	<0.01	<0.5	6.47	7	490	0.7	<2	2.63	<0.5	13	51	23	3.38	10
1328571		3.32	0.18	0.8	6.65	37	520	0.7	<2	0.67	0.6	4	7	52	0.99	20
1328572		3.78	0.08	0.7	7.42	46	360	1.1	<2	1.46	0.6	19	106	33	3.99	20
1328573		3.80	0.15	1.5	6.93	65	330	1.0	2	0.95	<0.5	16	104	37	4.12	20
1328574		2.96	0.24	3.2	7.16	44	510	1.5	2	1.30	0.6	18	106	53	3.77	20
1328575		1.25	17.95	49.5	6.52	87	490	1.2	<2	0.68	4.9	17	99	253	3.34	20
1328576		1.85	0.08	2.0	6.99	36	360	1.3	2	0.76	<0.5	16	106	36	3.38	20
1328577		1.77	0.07	1.3	6.93	40	330	1.3	<2	0.78	1.1	17	102	37	3.56	20
1328578		2.48	0.23	1.3	7.08	40	320	0.9	<2	1.09	<0.5	18	110	56	4.51	20
1328579		2.42	0.29	1.4	7.50	60	400	0.9	4	0.47	0.9	11	46	28	2.17	20
1328580		0.04	1.81	<0.5	6.97	15	530	0.7	2	2.81	<0.5	15	56	36	4.22	20
1328581		2.18	0.43	2.2	7.73	28	440	1.2	<2	1.06	5.8	8	19	49	1.69	20
1328582		2.57	0.17	1.1	7.66	35	390	1.1	3	1.94	0.8	13	66	104	3.06	20
1328583		2.52	0.21	9.1	7.40	51	460	0.8	<2	1.00	8.3	14	62	76	2.94	20
1328584		2.95	0.20	<0.5	7.89	41	580	0.6	<2	1.27	0.7	7	14	5	1.81	20
1328585		2.70	0.04	<0.5	7.32	31	530	0.8	2	0.97	<0.5	5	7	9	1.25	20
1328586		2.51	0.30	1.0	7.89	21	630	<0.5	<2	0.37	2.4	5	5	12	0.97	20
1328587		2.80	0.15	0.7	7.78	22	640	<0.5	<2	1.19	<0.5	5	5	5	1.34	20
1328588		2.70	0.02	<0.5	7.66	31	650	0.9	<2	1.27	<0.5	4	5	16	1.38	20
1328589		2.59	0.01	<0.5	7.14	23	530	0.9	<2	0.81	<0.5	4	5	12	1.38	20
1328590		0.06	<0.01	<0.5	6.60	10	500	0.7	<2	2.68	<0.5	12	54	24	3.49	10
1328591		2.51	0.01	<0.5	7.00	47	430	1.0	<2	0.68	<0.5	4	5	14	1.49	20
1328592		2.62	0.01	<0.5	7.00	28	590	0.6	2	1.09	<0.5	4	5	6	1.31	20
1328593		2.61	0.25	6.5	7.35	85	570	0.9	<2	1.59	1.4	4	6	26	1.45	20
1328594		2.88	0.04	1.0	7.50	33	610	1.0	<2	1.88	<0.5	5	6	15	1.41	20



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Page: 4 - B
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1328555		3.30	20	1.19	629	<1	0.69	5	540	9	0.68	<5	3	65	<20	0.21
1328556		3.42	20	1.23	627	<1	0.69	3	550	12	0.62	<5	3	68	<20	0.21
1328557		1.87	10	1.07	690	<1	0.47	2	270	11	0.53	<5	2	44	<20	0.14
1328558		2.61	10	1.73	629	<1	0.93	2	340	34	0.34	<5	2	101	<20	0.18
1328559		2.74	10	1.80	490	<1	1.30	4	390	21	0.31	<5	3	94	<20	0.18
1328560		0.15	<10	0.05	45	17	0.03	9	70	14	0.23	59	2	124	<20	0.26
1328561		2.18	10	1.79	659	<1	1.34	3	320	1290	0.78	<5	2	101	<20	0.14
1328562		2.06	10	1.70	533	<1	1.72	4	340	35	0.50	<5	2	109	<20	0.17
1328563		2.79	10	1.84	630	<1	0.35	3	340	123	0.39	<5	2	84	<20	0.16
1328564		3.03	10	1.68	613	<1	0.28	4	350	266	1.21	<5	2	35	<20	0.16
1328565		3.22	10	1.17	418	<1	0.28	3	340	18	0.99	<5	3	22	<20	0.17
1328566		2.79	10	1.32	622	<1	0.55	4	350	52	0.87	<5	3	64	<20	0.17
1328567		3.01	10	0.68	231	<1	0.20	4	400	768	1.77	37	2	36	<20	0.15
1328568		3.42	10	0.47	121	<1	0.21	4	510	326	1.11	26	3	33	<20	0.16
1328569		3.73	10	0.39	80	<1	0.25	5	610	65	0.74	<5	3	38	<20	0.17
1328570		0.84	10	1.29	673	2	2.28	27	600	3	0.04	<5	15	287	<20	0.35
1328571		2.87	10	0.59	140	<1	0.26	4	490	84	0.57	<5	2	44	<20	0.12
1328572		2.71	30	2.18	521	<1	0.32	60	590	100	2.36	<5	12	64	<20	0.18
1328573		2.75	30	1.81	506	<1	0.31	55	490	193	2.64	<5	11	46	<20	0.17
1328574		2.82	30	1.86	599	<1	0.33	55	500	248	1.91	<5	10	49	<20	0.19
1328575		2.62	30	1.16	263	1	0.26	54	530	1810	2.43	19	9	34	<20	0.15
1328576		2.45	20	2.94	505	<1	0.19	55	500	99	0.74	<5	11	31	<20	0.19
1328577		2.36	20	3.13	534	<1	0.18	56	480	103	0.74	<5	11	30	<20	0.20
1328578		2.61	20	3.24	513	<1	0.17	60	600	106	1.55	<5	12	28	<20	0.18
1328579		3.41	20	0.43	80	<1	0.27	22	500	162	1.89	<5	6	31	<20	0.16
1328580		0.93	10	1.51	754	2	2.36	30	660	5	0.05	<5	16	298	<20	0.38
1328581		3.27	10	0.81	235	<1	0.33	13	530	299	1.17	<5	5	41	<20	0.16
1328582		2.68	30	1.86	533	<1	0.33	36	520	203	1.27	<5	8	45	<20	0.20
1328583		3.24	20	1.80	344	<1	0.29	36	590	1070	1.60	6	8	39	<20	0.18
1328584		3.29	20	1.17	302	<1	0.34	8	610	105	1.35	<5	4	49	<20	0.16
1328585		3.12	20	0.98	267	<1	0.30	6	510	74	0.74	<5	3	40	<20	0.15
1328586		3.55	20	0.50	106	<1	0.30	3	380	121	0.71	<5	3	35	<20	0.15
1328587		3.21	10	1.13	245	<1	0.32	3	390	92	0.97	<5	3	52	<20	0.15
1328588		3.25	10	1.69	295	<1	0.26	3	350	47	0.74	<5	3	50	<20	0.16
1328589		2.67	10	2.44	278	<1	0.22	3	350	25	0.54	<5	3	42	<20	0.14
1328590		0.86	10	1.33	683	1	2.34	29	610	<2	0.04	<5	15	293	<20	0.35
1328591		2.60	10	2.95	288	<1	0.19	3	370	17	0.55	<5	2	32	<20	0.14
1328592		3.20	10	1.65	266	<1	0.21	2	340	34	0.74	<5	2	44	<20	0.16
1328593		2.86	10	1.13	367	<1	0.32	3	330	193	1.15	21	2	53	<20	0.16
1328594		2.83	10	1.31	430	<1	0.51	3	350	37	0.92	<5	3	66	<20	0.18



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Page: 4 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328555		<10	<10	34	10	12
1328556		<10	<10	35	10	12
1328557		<10	<10	22	<10	41
1328558		<10	<10	25	10	69
1328559		<10	<10	25	<10	59
1328560		10	10	18	60	20
1328561		<10	<10	22	<10	1640
1328562		<10	<10	23	10	45
1328563		<10	<10	23	<10	297
1328564		<10	<10	23	<10	224
1328565		<10	<10	24	<10	491
1328566		<10	<10	25	10	95
1328567		<10	<10	22	<10	1770
1328568		<10	<10	24	<10	1630
1328569		<10	<10	27	<10	109
1328570		<10	<10	113	20	58
1328571		<10	<10	24	10	208
1328572		<10	<10	83	10	232
1328573		<10	<10	75	10	293
1328574		<10	<10	75	<10	200
1328575		<10	<10	66	10	1000
1328576		<10	<10	82	<10	167
1328577		<10	<10	81	<10	247
1328578		<10	<10	86	<10	174
1328579		<10	<10	51	<10	314
1328580		<10	<10	131	30	71
1328581		<10	<10	43	10	2040
1328582		<10	<10	61	<10	346
1328583		<10	<10	65	<10	2260
1328584		<10	<10	42	<10	377
1328585		<10	<10	31	<10	59
1328586		10	<10	27	<10	694
1328587		<10	<10	26	<10	87
1328588		<10	<10	27	<10	55
1328589		<10	<10	25	<10	50
1328590		<10	<10	113	20	58
1328591		<10	<10	24	10	54
1328592		<10	<10	25	<10	58
1328593		<10	<10	24	<10	619
1328594		<10	<10	26	10	116



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Page: 5 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328595		1.14	0.12	1.1	7.74	31	660	0.8	<2	0.92	<0.5	4	4	7	1.17	20
1328596		1.30	0.11	0.9	7.91	26	700	0.8	2	0.69	<0.5	4	4	5	1.20	20
1328597		2.54	0.04	<0.5	7.59	28	740	0.9	3	1.30	<0.5	4	5	17	1.30	20
1328598		2.69	0.01	<0.5	7.54	28	770	1.1	<2	1.89	<0.5	4	6	11	1.47	20
1328599		2.65	0.30	1.7	7.18	56	660	1.1	<2	1.00	<0.5	5	6	11	1.48	20
1328600		0.03	4.74	72.0	5.61	48	560	0.7	3	1.71	21.3	14	37	58	3.68	20
1328601		2.78	0.20	1.0	7.70	99	530	1.4	<2	0.24	<0.5	17	110	41	2.50	20
1328602		2.92	0.35	0.7	8.37	15	450	1.9	2	2.04	<0.5	21	128	59	4.03	20
1328603		2.78	0.10	0.5	7.74	66	420	1.6	<2	1.87	<0.5	12	54	38	2.95	20
1328604		2.59	1.03	7.4	7.43	62	510	1.2	2	1.14	2.2	8	12	131	1.97	20
1328605		2.81	0.45	18.5	6.67	48	450	1.2	3	1.64	1.0	5	10	89	1.36	20
1328606		2.39	0.11	0.6	7.08	30	540	1.2	<2	1.53	<0.5	6	9	9	1.38	20
1328607		2.44	0.73	1.7	6.68	43	630	1.1	<2	0.95	2.5	6	10	38	1.52	20
1328608		2.18	0.35	2.4	7.08	41	690	1.2	<2	0.55	1.9	6	12	74	1.23	20
1328609		2.31	0.07	<0.5	8.21	36	630	1.3	<2	2.19	<0.5	7	11	13	1.99	20
1328610		0.06	<0.01	<0.5	6.75	6	510	0.7	2	2.79	<0.5	13	55	25	3.59	20
1328611		2.20	0.16	0.7	7.62	39	590	1.3	<2	2.25	1.0	6	10	14	1.79	20
1328612		2.21	0.49	1.3	7.78	38	620	1.2	<2	2.18	0.7	6	11	12	1.83	20
1328613		2.95	0.17	1.9	7.78	64	640	1.1	<2	2.02	2.6	8	11	28	2.33	20
1328614		3.51	0.02	<0.5	7.74	23	670	1.2	<2	2.44	<0.5	6	11	5	1.75	20



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Page: 5 - B
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
1328595		3.52	10	0.67	196	<1	0.25	3	350	18	0.87	<5	3	37	<20	0.18
1328596		3.74	10	0.59	167	<1	0.24	3	370	19	0.91	<5	3	32	<20	0.18
1328597		3.18	10	0.94	326	<1	0.46	2	360	20	0.94	<5	3	57	<20	0.19
1328598		2.79	10	1.20	498	<1	0.61	3	350	24	1.04	<5	3	68	<20	0.18
1328599		3.10	10	0.71	277	<1	0.32	3	540	117	1.28	10	3	55	<20	0.17
1328600		1.01	10	0.85	526	4	2.02	24	570	684	0.39	92	11	249	<20	0.28
1328601		3.86	30	0.36	43	<1	0.16	58	990	67	2.32	5	13	25	<20	0.24
1328602		3.08	30	1.71	702	<1	0.30	66	550	59	1.17	<5	15	59	<20	0.31
1328603		2.90	20	1.31	635	<1	0.51	33	470	81	1.85	7	8	67	<20	0.23
1328604		3.25	10	0.85	393	1	0.31	10	510	386	1.55	8	4	36	<20	0.20
1328605		2.51	10	0.96	475	<1	0.31	6	400	1940	0.69	17	3	52	<20	0.17
1328606		2.75	10	0.96	439	1	0.46	6	470	44	0.79	<5	4	62	<20	0.19
1328607		2.92	10	0.66	313	1	0.29	7	480	247	1.22	18	3	52	<20	0.18
1328608		3.43	10	0.47	174	<1	0.19	6	460	233	0.87	5	4	40	<20	0.20
1328609		3.24	20	1.53	546	<1	0.42	8	600	117	0.73	<5	4	78	<20	0.24
1328610		0.89	10	1.38	713	2	2.40	29	640	2	0.04	<5	15	303	<20	0.37
1328611		3.19	20	1.37	555	<1	0.38	6	580	187	0.73	<5	4	79	<20	0.21
1328612		3.24	20	1.45	586	<1	0.54	6	530	98	0.64	<5	4	59	<20	0.23
1328613		3.29	10	1.25	528	<1	0.40	10	510	154	1.38	<5	4	81	<20	0.22
1328614		3.31	20	1.29	518	<1	0.42	6	540	42	0.49	<5	4	85	<20	0.22



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Page: 5 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 14-MAR-2013
 Account: TREMET

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CERTIFICATE OF ANALYSIS TB13044215

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328595		<10	<10	25	<10	32
1328596		<10	<10	26	<10	28
1328597		<10	<10	26	10	66
1328598		<10	<10	25	10	53
1328599		<10	<10	24	<10	93
1328600		10	<10	98	40	2160
1328601		<10	<10	90	10	87
1328602		<10	<10	104	10	97
1328603		<10	<10	59	10	78
1328604		<10	<10	40	10	868
1328605		<10	<10	33	10	244
1328606		<10	<10	39	10	99
1328607		<10	<10	35	10	820
1328608		<10	<10	36	10	625
1328609		<10	<10	42	10	189
1328610		<10	<10	118	20	60
1328611		<10	<10	37	10	359
1328612		<10	<10	38	<10	281
1328613		<10	<10	39	10	1010
1328614		<10	<10	38	10	77



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To: **TREASURY METALS INC**
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Page: 1
 Finalized Date: 15-MAR-2013
 Account: TREMET

CERTIFICATE TB13044213

Project: Goliath
 P.O. No.: TL13-318
 This report is for 71 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-MAR-2013.
 The following have access to data associated with this certificate:
 RORY KROCKER ADAM LARSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **TREASURY METALS INC**
ATTN: ADAM LARSEN
130 KING STREET WEST
PO BOX 99, SUITE 3680
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 3 (A - C)
 Finalized Date: 15-MAR-2013
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Project: Goliath

CERTIFICATE OF ANALYSIS TB13044213

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328615		1.15	0.02	0.9	7.18	32	670	1.6	<2	1.93	<0.5	9	8	12	1.42	20
1328616		1.25	0.02	0.7	7.39	35	770	1.6	<2	1.99	<0.5	10	8	11	1.47	20
1328617		2.53	0.01	1.9	8.33	30	570	1.5	<2	1.73	<0.5	23	8	22	1.00	20
1328618		3.90	0.04	<0.5	7.07	13	480	1.2	<2	2.37	<0.5	20	126	53	3.83	20
1328619		3.88	0.19	<0.5	7.36	15	550	1.3	<2	3.92	<0.5	15	63	58	3.29	20
1328620		0.04	0.24	0.7	0.53	467	5470	<0.5	<2	1.03	<0.5	6	21	34	2.99	<10
1328621		3.76	0.16	3.6	6.60	17	1080	1.1	2	2.82	1.9	4	8	110	1.73	20
1328622		3.69	0.15	<0.5	6.81	10	820	0.9	<2	1.83	<0.5	3	7	24	1.28	20
1328623		3.78	0.24	<0.5	6.88	13	550	0.8	<2	1.50	<0.5	4	7	23	1.42	20
1328624		4.16	0.03	<0.5	6.69	13	580	0.9	<2	2.05	<0.5	4	6	11	1.44	20
1328625		3.76	0.04	0.6	6.60	21	630	0.9	<2	1.60	1.1	4	7	34	1.42	20
1328626		3.85	0.02	<0.5	7.16	11	730	1.0	<2	2.26	<0.5	5	12	45	1.55	20
1328627		3.81	0.01	<0.5	6.85	9	710	0.9	<2	2.74	3.0	4	7	31	1.47	20
1328628		3.63	0.02	<0.5	6.59	10	580	0.8	<2	1.82	<0.5	4	8	16	1.33	20
1328629		3.29	0.08	<0.5	6.72	15	660	0.9	<2	1.76	<0.5	5	9	12	1.27	20
1328630		0.05	0.01	<0.5	6.11	9	470	0.7	2	2.59	<0.5	13	52	22	3.30	10
1328631		3.49	<0.01	<0.5	4.66	<5	440	0.6	<2	1.36	<0.5	3	11	9	0.99	10
1328632		3.30	0.01	0.8	6.41	8	540	0.9	<2	3.35	2.2	4	10	43	1.88	20
1328633		3.69	0.03	<0.5	6.83	14	640	0.9	2	1.50	0.5	5	11	9	1.41	20
1328634		3.43	0.01	<0.5	7.04	13	670	1.0	2	2.34	<0.5	4	7	13	1.34	20
1328635		1.33	0.02	<0.5	7.17	12	630	1.0	<2	2.10	<0.5	4	6	11	1.40	20
1328636		1.71	0.01	<0.5	7.21	6	630	1.0	<2	2.05	<0.5	4	9	9	1.38	20
1328637		3.56	0.05	<0.5	6.90	7	590	0.9	<2	1.69	<0.5	5	8	3	1.39	20
1328638		3.48	0.07	<0.5	6.37	18	490	0.9	<2	1.44	<0.5	4	7	8	1.62	20
1328639		3.56	0.24	<0.5	6.30	21	460	0.9	<2	2.36	3.2	5	7	20	1.96	20
1328640		0.04	2.22	<0.5	6.25	16	480	0.7	<2	2.65	<0.5	15	55	33	3.82	10
1328641		3.44	0.15	<0.5	6.42	22	650	0.8	<2	2.11	<0.5	4	7	26	1.37	20
1328642		3.44	0.04	<0.5	6.86	11	720	1.0	<2	1.95	1.4	4	7	15	1.39	20
1328643		3.56	0.11	<0.5	6.91	6	670	1.2	<2	0.99	0.9	4	8	17	1.52	20
1328644		3.80	0.02	<0.5	6.60	19	590	1.1	2	1.43	0.6	4	7	25	1.34	20
1328645		4.05	0.46	2.8	6.60	54	570	0.9	<2	0.85	3.3	4	8	64	1.99	20
1328646		2.60	1.32	16.3	6.77	65	510	1.0	<2	1.03	5.0	4	8	51	1.54	20
1328647		2.74	0.25	1.6	6.77	41	470	1.1	<2	1.05	<0.5	9	50	22	2.31	20
1328648		2.64	1.82	2.3	7.16	65	400	1.4	<2	1.19	3.7	18	98	93	3.45	20
1328649		3.22	0.55	1.7	6.19	67	300	0.8	<2	0.53	4.0	12	82	56	2.49	20
1328650		0.05	<0.01	<0.5	6.29	<5	490	0.7	<2	2.71	<0.5	12	56	23	3.50	10
1328651		3.86	0.17	3.0	7.48	42	330	1.0	4	0.82	<0.5	19	127	52	3.98	20
1328652		2.70	0.19	0.9	7.27	55	360	1.1	<2	0.40	0.5	23	117	25	4.07	20
1328653		3.84	0.12	0.7	6.66	42	330	0.9	<2	0.75	<0.5	16	112	45	3.40	20
1328654		3.82	0.23	3.3	6.96	65	380	1.0	<2	1.09	<0.5	13	69	52	3.40	20



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Page: 2 - B
 Total # Pages: 3 (A - C)
 Finalized Date: 15-MAR-2013
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Project: Goliath

CERTIFICATE OF ANALYSIS TB13044213

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1328615		2.62	20	0.64	362	3	1.11	8	560	49	0.92	<5	3	232	<20	0.20
1328616		2.74	20	0.60	353	3	1.13	7	570	51	0.99	<5	3	235	<20	0.20
1328617		2.81	20	0.51	289	5	2.52	20	660	37	0.53	<5	3	244	<20	0.24
1328618		2.22	20	1.20	584	2	1.45	58	590	20	1.24	<5	12	159	<20	0.30
1328619		2.45	10	1.78	982	2	0.97	38	470	32	1.00	<5	9	194	<20	0.25
1328620		0.15	<10	0.05	47	20	0.03	12	80	16	0.28	68	2	126	<20	0.26
1328621		3.13	10	1.79	1125	3	0.50	5	330	1025	0.86	<5	2	124	<20	0.15
1328622		2.72	10	1.30	609	1	0.94	4	340	90	0.39	<5	2	111	<20	0.17
1328623		2.66	10	1.75	634	1	0.96	5	330	81	0.40	<5	2	107	<20	0.17
1328624		2.28	10	1.52	685	1	1.03	5	320	228	0.53	<5	2	106	<20	0.16
1328625		2.56	10	1.37	537	1	1.02	5	320	247	0.72	<5	2	103	<20	0.16
1328626		2.62	10	1.28	568	1	1.09	6	330	38	0.47	<5	3	107	<20	0.17
1328627		2.71	10	1.54	708	<1	0.92	6	330	93	0.49	<5	2	116	<20	0.16
1328628		2.28	10	1.02	485	<1	1.74	6	330	19	0.36	<5	2	93	<20	0.17
1328629		2.61	10	1.09	526	1	1.17	5	320	56	0.45	<5	2	106	<20	0.17
1328630		0.80	10	1.24	661	4	2.14	28	590	4	0.04	<5	14	281	<20	0.34
1328631		1.79	10	0.92	470	2	0.47	4	200	64	0.24	<5	2	68	<20	0.11
1328632		1.83	10	2.03	1085	3	0.57	7	470	308	0.62	<5	2	137	<20	0.15
1328633		2.95	10	1.22	522	1	0.57	5	330	30	0.69	<5	2	87	<20	0.17
1328634		2.92	10	1.37	536	1	0.57	5	340	33	0.45	<5	2	109	<20	0.16
1328635		2.93	10	1.42	520	1	0.56	5	340	28	0.51	<5	2	104	<20	0.17
1328636		2.88	10	1.46	521	1	0.54	5	350	26	0.46	<5	2	100	<20	0.17
1328637		2.76	10	1.56	506	1	0.50	5	340	15	0.57	<5	2	78	<20	0.17
1328638		2.66	10	2.29	691	1	0.42	5	310	30	0.48	<5	2	79	<20	0.15
1328639		2.45	10	3.03	1060	1	0.28	5	290	132	0.72	<5	2	70	<20	0.15
1328640		0.85	10	1.34	718	4	2.09	32	630	7	0.04	<5	15	272	<20	0.35
1328641		2.65	10	1.71	580	2	0.50	5	300	34	0.48	<5	2	98	<20	0.15
1328642		2.70	10	1.50	486	1	0.62	5	310	99	0.42	<5	2	132	<20	0.16
1328643		3.30	10	1.95	494	<1	0.34	7	290	112	0.26	<5	2	80	<20	0.16
1328644		2.47	10	1.26	518	<1	0.36	4	350	75	0.55	<5	2	83	<20	0.14
1328645		3.14	10	0.98	423	1	0.26	4	340	464	1.80	7	3	31	<20	0.15
1328646		2.94	10	0.90	356	<1	0.43	4	340	416	1.34	30	2	29	<20	0.16
1328647		2.98	20	1.22	426	1	0.27	22	410	114	1.76	<5	6	46	<20	0.16
1328648		2.98	30	1.49	392	1	0.19	61	660	448	2.40	14	12	29	<20	0.20
1328649		2.67	30	0.84	171	<1	0.23	38	910	430	1.92	7	8	35	<20	0.13
1328650		0.86	10	1.28	680	2	2.27	27	610	6	0.04	<5	15	293	<20	0.35
1328651		3.14	30	1.96	449	1	0.28	64	570	324	1.75	5	14	46	<20	0.20
1328652		3.22	30	1.46	502	<1	0.30	65	530	159	2.09	<5	13	39	<20	0.19
1328653		2.73	30	1.93	481	1	0.39	49	490	129	1.21	<5	10	44	<20	0.19
1328654		2.99	20	2.93	435	1	0.34	38	560	420	1.89	5	8	49	<20	0.18



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Page: 2 - C
 Total # Pages: 3 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044213

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ti	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328615		<10	<10	36	<10	58
1328616		<10	<10	35	<10	49
1328617		<10	10	42	<10	51
1328618		<10	<10	93	<10	85
1328619		<10	<10	67	<10	138
1328620		10	<10	18	60	19
1328621		<10	<10	24	<10	695
1328622		<10	<10	24	<10	178
1328623		<10	<10	24	<10	201
1328624		<10	<10	23	<10	95
1328625		<10	<10	23	<10	559
1328626		<10	<10	26	<10	168
1328627		<10	<10	24	<10	988
1328628		<10	<10	24	<10	121
1328629		<10	<10	24	<10	78
1328630		<10	<10	108	20	57
1328631		<10	<10	15	<10	104
1328632		<10	<10	20	<10	878
1328633		<10	<10	23	<10	227
1328634		<10	<10	24	<10	59
1328635		<10	<10	24	<10	88
1328636		<10	<10	24	<10	76
1328637		<10	<10	24	<10	49
1328638		<10	<10	22	<10	98
1328639		<10	<10	21	120	1220
1328640		<10	10	121	20	67
1328641		<10	<10	22	<10	99
1328642		<10	<10	23	<10	595
1328643		<10	<10	23	<10	412
1328644		<10	<10	21	<10	260
1328645		<10	<10	24	<10	1165
1328646		<10	<10	23	<10	1845
1328647		<10	<10	45	<10	179
1328648		<10	<10	86	<10	1345
1328649		<10	<10	57	<10	1295
1328650		<10	<10	116	20	60
1328651		<10	<10	96	<10	273
1328652		<10	<10	90	<10	104
1328653		<10	<10	74	<10	130
1328654		<10	<10	65	<10	306



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Page: 3 - A
 Total # Pages: 3 (A - C)
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CERTIFICATE OF ANALYSIS TB13044213

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
1328655		1.67	0.07	<0.5	7.21	33	430	1.4	<2	0.79	<0.5	7	14	8	2.12	20
1328656		1.79	0.09	0.5	7.28	39	440	0.5	<2	0.75	<0.5	7	13	9	2.25	20
1328657		3.66	0.16	<0.5	7.07	38	470	0.6	<2	0.83	<0.5	6	11	15	1.89	20
1328658		3.26	0.40	1.1	7.33	25	480	1.4	3	1.42	<0.5	7	11	13	1.90	20
1328659		3.15	0.09	<0.5	7.09	25	610	0.7	2	0.38	<0.5	6	10	6	1.00	20
1328660		0.04	4.71	75.3	5.30	45	550	0.7	2	1.68	21.2	11	38	55	3.62	10
1328661		2.19	0.10	1.3	7.36	34	570	0.8	<2	0.56	6.0	5	11	36	1.07	20
1328662		2.34	0.09	<0.5	6.47	53	460	0.7	<2	1.08	0.5	5	9	17	1.59	20
1328663		3.30	0.05	<0.5	7.15	28	490	1.0	<2	1.17	<0.5	4	6	5	1.52	20
1328664		3.54	0.03	<0.5	7.23	35	590	0.9	<2	1.68	<0.5	2	7	10	1.31	20
1328665		3.27	0.03	<0.5	7.77	29	650	0.8	<2	1.50	<0.5	3	7	7	1.40	20
1328666		3.17	0.07	0.5	7.60	24	590	1.0	<2	1.86	<0.5	4	7	7	1.39	20
1328667		3.42	2.66	11.6	6.90	53	550	0.9	<2	0.50	0.9	4	7	19	1.29	20
1328668		3.64	1.34	3.2	6.79	45	590	0.9	<2	0.25	2.4	5	7	13	1.58	20
1328669		3.37	0.35	1.4	6.75	48	480	1.2	<2	0.50	<0.5	7	39	21	1.87	20
1328670		0.06	<0.01	<0.5	6.24	8	480	0.7	<2	2.65	<0.5	11	54	22	3.43	10
1328671		3.49	0.37	2.3	7.69	101	490	1.8	<2	0.68	<0.5	21	123	91	3.71	20
1328672		3.64	0.26	1.7	6.95	43	410	1.7	<2	3.05	<0.5	23	263	109	3.51	20
1328673		3.98	0.11	0.8	7.72	67	420	1.9	<2	1.62	<0.5	22	125	60	3.69	20
1328674		3.86	0.18	0.7	7.17	44	490	1.6	<2	1.83	<0.5	13	78	37	3.09	20
1328675		1.05	9.91	13.9	5.05	110	360	0.9	<2	0.31	18.7	5	12	340	3.85	10
1328676		1.14	5.37	5.1	5.46	100	400	1.0	<2	0.39	11.4	5	11	183	2.79	20
1328677		3.73	0.21	0.7	6.96	32	460	1.1	3	1.93	<0.5	4	12	17	1.87	20
1328678		3.87	0.06	0.7	7.33	21	530	1.1	2	2.61	1.2	5	10	37	1.93	20
1328679		3.49	0.03	<0.5	6.73	5	540	1.2	<2	2.45	<0.5	4	11	17	1.63	20
1328680		0.03	0.23	0.7	0.54	479	4900	<0.5	<2	1.08	0.5	5	22	33	3.04	<10
1328681		3.37	0.02	<0.5	6.81	6	610	1.3	<2	2.07	<0.5	6	11	21	1.71	20
1328682		3.25	0.02	<0.5	7.49	7	810	1.5	<2	2.61	<0.5	6	12	22	1.95	20
1328683		3.24	0.06	<0.5	6.98	7	810	1.2	<2	3.14	1.1	7	22	10	2.17	20
1328684		3.49	0.06	<0.5	7.05	24	670	1.2	<2	2.99	0.5	6	12	8	1.89	20
1328685		3.86	0.02	<0.5	7.34	5	670	1.1	<2	2.94	<0.5	6	11	3	1.90	20



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Page: 3 - B
 Total # Pages: 3 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044213

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
1328655		2.95	10	2.17	342	<1	0.37	9	550	91	1.04	<5	4	52	<20	0.16
1328656		2.97	10	2.15	340	<1	0.38	9	570	105	1.17	<5	4	54	<20	0.16
1328657		2.95	10	2.19	354	<1	0.38	7	520	69	0.65	<5	4	55	<20	0.16
1328658		2.93	10	1.74	422	<1	0.30	7	550	112	0.81	<5	4	46	<20	0.17
1328659		3.50	10	0.37	93	<1	0.28	8	630	89	0.64	<5	4	28	<20	0.17
1328660		0.99	10	0.80	507	4	1.92	23	570	666	0.38	96	11	241	<20	0.27
1328661		3.47	10	0.53	138	<1	0.25	7	560	282	0.73	<5	4	31	<20	0.17
1328662		2.73	20	0.72	182	<1	0.20	7	440	152	1.24	<5	3	23	<20	0.15
1328663		2.93	10	1.96	270	<1	0.15	4	340	68	0.86	<5	3	27	<20	0.15
1328664		2.74	10	1.12	291	<1	0.47	4	340	35	0.81	<5	3	69	<20	0.16
1328665		3.27	10	1.19	310	<1	0.40	3	350	21	0.81	<5	3	69	<20	0.17
1328666		3.05	10	1.22	469	<1	0.45	3	350	25	0.90	<5	3	73	<20	0.17
1328667		3.43	10	0.68	214	<1	0.30	4	340	116	1.02	18	3	33	<20	0.16
1328668		3.48	10	0.40	113	1	0.20	4	400	124	1.47	6	3	27	<20	0.16
1328669		3.28	20	0.55	196	<1	0.25	18	520	213	1.55	7	5	36	<20	0.18
1328670		0.84	10	1.26	664	2	2.21	28	600	6	0.04	<5	15	290	<20	0.34
1328671		3.75	30	0.66	284	1	0.31	70	500	151	3.21	<5	15	52	<20	0.25
1328672		2.53	50	2.49	687	2	0.32	147	1610	94	1.54	<5	14	156	<20	0.27
1328673		3.21	30	1.12	478	5	0.26	65	520	86	1.91	<5	15	79	<20	0.28
1328674		3.15	20	1.29	624	1	0.46	41	470	83	1.51	<5	10	79	<20	0.24
1328675		2.48	10	0.36	161	6	0.15	10	360	5730	4.29	142	3	25	<20	0.13
1328676		2.70	10	0.41	180	4	0.17	8	390	1455	2.91	98	3	28	<20	0.14
1328677		2.80	10	1.67	606	<1	0.50	5	470	194	0.78	5	4	72	<20	0.18
1328678		3.02	10	1.98	899	<1	0.55	8	500	183	0.61	<5	4	70	<20	0.20
1328679		3.13	10	1.22	596	<1	0.55	7	490	61	0.33	<5	3	70	<20	0.19
1328680		0.15	<10	0.05	46	16	0.02	11	80	18	0.26	62	2	127	<20	0.26
1328681		3.18	10	1.14	576	<1	0.62	8	500	86	0.41	<5	3	81	<20	0.19
1328682		2.94	10	1.16	555	<1	0.60	8	490	46	0.41	<5	4	134	<20	0.20
1328683		2.88	10	1.07	490	<1	0.73	15	580	63	0.66	<5	4	166	<20	0.19
1328684		2.89	10	0.90	521	<1	0.84	6	510	103	0.50	<5	4	138	<20	0.20
1328685		2.73	10	0.80	422	<1	1.71	8	550	15	0.29	<5	4	136	<20	0.21



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Page: 3 - C
 Total # Pages: 3 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044213

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328655		<10	<10	39	<10	116
1328656		<10	<10	38	<10	123
1328657		<10	<10	37	<10	192
1328658		<10	<10	37	<10	196
1328659		<10	<10	38	<10	105
1328660		<10	<10	98	40	2080
1328661		<10	<10	38	<10	2370
1328662		<10	<10	29	<10	246
1328663		<10	<10	24	<10	101
1328664		<10	<10	23	<10	76
1328665		<10	<10	25	<10	63
1328666		<10	<10	25	<10	54
1328667		<10	<10	24	<10	344
1328668		<10	<10	24	<10	1050
1328669		<10	<10	40	<10	169
1328670		<10	<10	113	20	57
1328671		<10	<10	103	<10	189
1328672		<10	<10	101	320	220
1328673		<10	<10	101	<10	115
1328674		<10	<10	71	<10	176
1328675		<10	<10	28	<10	6380
1328676		<10	<10	29	<10	4010
1328677		<10	<10	34	<10	147
1328678		<10	<10	36	<10	563
1328679		<10	<10	36	<10	152
1328680		10	<10	18	60	19
1328681		<10	<10	37	<10	112
1328682		<10	<10	37	30	89
1328683		<10	<10	38	<10	309
1328684		<10	<10	37	<10	161
1328685		<10	<10	39	<10	53



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Page: 1
 Finalized Date: 13-MAR-2013
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CERTIFICATE TB13044211

Project: Goliath
 P.O. No.: TL13-319
 This report is for 82 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-MAR-2013.
 The following have access to data associated with this certificate:
 RORY KROCKER ADAM LARSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **TREASURY METALS INC**
ATTN: ADAM LARSEN
130 KING STREET WEST
PO BOX 99, SUITE 3680
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328686		1.97	0.02	<0.5	6.84	19	330	1.0	<2	0.81	<0.5	4	9	15	1.06	20
1328687		3.31	0.02	<0.5	5.85	12	290	0.9	2	1.00	<0.5	3	11	5	0.98	20
1328688		3.89	0.02	<0.5	7.37	21	500	0.9	<2	0.90	<0.5	4	9	5	1.51	20
1328689		3.52	0.01	<0.5	7.37	27	450	1.0	<2	1.75	<0.5	4	7	5	1.30	20
1328690		0.05	<0.01	<0.5	6.19	7	460	0.7	<2	2.63	<0.5	11	51	24	3.37	10
1328691		3.80	0.01	<0.5	6.89	20	430	0.9	3	2.00	<0.5	3	8	6	1.28	20
1328692		3.76	0.01	0.6	7.47	15	490	0.9	2	1.57	<0.5	4	8	6	1.18	20
1328693		3.37	0.01	0.5	7.42	6	460	0.8	2	1.88	<0.5	4	8	7	1.47	20
1328694		2.30	0.10	<0.5	7.29	8	560	0.8	2	1.54	<0.5	2	7	11	1.71	20
1328695		1.70	0.02	<0.5	7.37	11	560	0.8	<2	1.57	0.6	2	7	8	1.39	20
1328696		1.60	0.03	<0.5	7.52	16	560	0.8	<2	1.60	<0.5	3	8	7	1.44	20
1328697		3.75	0.01	<0.5	7.53	<5	510	0.8	<2	1.96	<0.5	2	8	5	1.19	20
1328698		3.72	0.05	<0.5	7.57	<5	560	0.8	2	2.07	<0.5	1	7	3	1.71	20
1328699		3.80	0.01	<0.5	7.71	6	670	1.0	<2	2.03	<0.5	3	8	7	1.64	20
1328700		0.04	1.98	<0.5	6.51	13	490	0.7	4	2.71	<0.5	14	53	35	4.06	10
1328701		3.50	0.02	<0.5	7.49	7	580	1.1	<2	1.91	<0.5	3	10	10	1.53	20
1328702		3.69	0.01	<0.5	7.42	5	600	1.2	2	2.40	<0.5	3	9	4	1.33	20
1328703		3.39	0.02	<0.5	7.68	<5	990	1.3	<2	1.95	<0.5	3	6	7	1.51	20
1328704		3.63	0.01	<0.5	6.91	9	2340	1.3	<2	2.27	<0.5	1	6	11	1.43	20
1328705		2.65	0.02	<0.5	6.71	9	1550	1.6	2	6.69	<0.5	<1	4	12	1.74	20
1328706		2.54	0.03	<0.5	7.34	14	990	1.3	2	1.47	2.1	3	7	29	1.75	20
1328707		2.33	0.01	<0.5	7.35	10	680	1.2	<2	1.48	<0.5	2	6	3	1.51	20
1328708		2.34	0.15	<0.5	7.37	15	830	1.2	4	1.70	<0.5	1	6	3	1.30	20
1328709		2.42	0.53	8.4	5.31	44	590	1.0	4	1.78	21.0	3	17	158	3.50	10
1328710		0.06	0.01	<0.5	6.13	7	460	0.7	2	2.61	<0.5	11	50	26	3.36	10
1328711		3.71	0.37	2.2	6.47	54	730	1.2	4	2.16	3.6	8	39	73	2.58	20
1328712		2.28	0.18	1.0	6.85	52	870	1.1	<2	2.27	4.2	5	14	36	2.14	20
1328713		3.86	0.31	<0.5	6.85	35	850	1.0	<2	1.44	<0.5	4	6	22	1.70	20
1328714		2.45	2.62	2.3	6.17	38	660	1.0	2	2.12	2.6	3	9	12	2.18	20
1328715		1.99	2.93	2.7	6.68	34	540	1.0	2	4.01	<0.5	4	11	106	1.84	20
1328716		1.85	2.69	1.5	6.67	29	590	1.0	<2	3.15	<0.5	4	6	57	1.75	20
1328717		3.56	0.07	<0.5	7.42	15	770	1.1	2	1.92	<0.5	3	6	30	1.40	20
1328718		2.55	0.04	<0.5	7.36	10	630	0.9	2	3.28	<0.5	2	4	41	1.51	20
1328719		2.45	0.08	0.8	6.96	10	1140	0.9	3	2.62	2.8	3	6	52	1.62	20
1328720		0.04	4.75	70.5	5.14	36	510	0.7	4	1.63	20.4	12	35	55	3.49	10
1328721		2.35	0.07	<0.5	7.06	24	750	1.0	2	1.74	<0.5	3	7	8	1.33	20
1328722		2.76	0.06	0.7	7.61	12	830	0.9	<2	1.91	0.6	5	7	55	1.51	20
1328723		3.15	0.07	<0.5	7.48	8	820	1.0	<2	2.12	<0.5	5	8	13	1.42	20
1328724		3.80	0.11	<0.5	7.66	<5	1070	1.0	<2	2.13	<0.5	4	8	15	1.34	20
1328725		3.51	0.05	<0.5	7.43	5	860	0.8	<2	2.19	<0.5	5	7	39	1.52	20



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Page: 2 - B
 Total # Pages: 4 (A - C)
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Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1328686	2.26	10	0.84	357	<1	1.84	7	340	30	0.88	<5	2	115	<20	0.14
1328687	2.14	10	0.81	441	<1	1.11	6	320	21	0.77	<5	2	106	<20	0.13
1328688	3.60	10	1.04	515	<1	1.07	3	390	17	1.24	<5	3	113	<20	0.17
1328689	2.97	10	1.06	618	<1	1.26	5	390	26	0.69	<5	2	146	<20	0.16
1328690	0.84	10	1.24	670	2	2.20	29	600	4	0.04	<5	14	287	<20	0.35
1328691	2.35	10	1.06	616	<1	1.52	5	380	22	0.71	<5	3	141	<20	0.15
1328692	2.72	10	0.72	442	<1	1.98	5	390	68	0.68	<5	3	156	<20	0.16
1328693	2.04	10	0.63	444	<1	2.60	6	390	17	0.50	<5	3	164	<20	0.16
1328694	2.34	10	0.70	412	<1	2.11	2	400	17	0.83	<5	3	164	<20	0.16
1328695	2.65	10	0.48	313	<1	1.92	4	380	16	0.65	<5	3	143	<20	0.16
1328696	2.67	10	0.48	313	<1	1.99	4	390	13	0.64	<5	3	146	<20	0.17
1328697	2.34	10	0.46	588	<1	2.50	4	390	8	0.37	<5	2	153	<20	0.16
1328698	2.42	10	0.65	352	<1	1.96	3	380	8	0.24	<5	3	145	<20	0.17
1328699	2.99	10	0.90	421	<1	1.06	4	400	10	0.29	<5	3	134	<20	0.18
1328700	0.90	10	1.39	734	3	2.21	33	650	8	0.04	<5	16	286	<20	0.36
1328701	3.32	10	1.21	609	<1	0.61	5	400	22	0.33	<5	3	105	<20	0.17
1328702	3.45	10	1.87	1065	<1	0.38	4	380	32	0.12	<5	3	95	<20	0.17
1328703	3.93	10	1.54	844	<1	0.41	5	390	25	0.47	<5	3	68	<20	0.17
1328704	3.63	10	1.70	908	<1	0.37	2	360	68	0.46	<5	3	95	<20	0.15
1328705	2.42	10	2.29	1305	<1	0.29	2	300	47	0.72	<5	2	109	<20	0.13
1328706	3.77	10	1.55	782	<1	0.37	3	380	183	0.68	<5	3	75	<20	0.17
1328707	3.66	10	1.53	677	<1	0.45	2	380	23	0.35	<5	3	76	<20	0.17
1328708	3.74	10	1.21	718	<1	0.40	3	380	35	0.48	<5	3	67	<20	0.16
1328709	2.73	10	1.28	933	<1	0.30	11	290	5160	3.64	10	3	66	<20	0.12
1328710	0.84	10	1.23	667	2	2.19	29	590	7	0.04	<5	14	282	<20	0.34
1328711	2.87	10	1.15	714	1	0.44	24	440	710	2.25	6	6	41	<20	0.18
1328712	3.17	20	1.20	786	<1	0.50	9	510	541	1.71	<5	4	37	<20	0.19
1328713	3.15	10	1.01	580	<1	0.73	6	520	63	1.17	<5	3	78	<20	0.19
1328714	2.83	20	1.11	601	<1	0.46	6	460	207	1.81	<5	3	50	<20	0.17
1328715	2.06	10	1.10	619	<1	0.92	5	520	39	1.15	<5	3	51	<20	0.19
1328716	2.23	20	1.09	584	<1	0.99	5	520	47	1.04	<5	3	53	<20	0.19
1328717	2.84	10	1.26	575	<1	1.12	5	430	40	0.55	<5	3	140	<20	0.19
1328718	2.24	10	1.85	1055	<1	0.91	5	280	66	0.50	<5	2	200	<20	0.18
1328719	3.15	10	1.76	937	<1	0.51	5	310	191	0.78	<5	2	144	<20	0.15
1328720	0.97	10	0.77	502	5	1.87	25	560	656	0.38	96	10	235	<20	0.26
1328721	2.55	10	1.00	554	<1	1.46	3	310	75	0.62	<5	2	144	<20	0.16
1328722	2.80	10	1.56	687	1	1.00	6	340	152	0.74	<5	3	144	<20	0.16
1328723	2.68	10	1.61	628	1	0.72	5	340	23	0.43	<5	2	111	<20	0.17
1328724	3.12	10	1.55	571	1	0.58	4	340	41	0.39	<5	3	120	<20	0.17
1328725	2.95	10	1.84	918	1	0.81	4	340	81	0.49	<5	2	120	<20	0.16



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Page: 2 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328686		<10	<10	26	<10	199
1328687		<10	<10	21	<10	85
1328688		<10	<10	27	<10	19
1328689		<10	<10	26	<10	48
1328690		<10	<10	110	20	59
1328691		<10	<10	26	<10	51
1328692		<10	<10	27	<10	176
1328693		<10	<10	26	<10	47
1328694		<10	<10	26	<10	51
1328695		<10	<10	28	<10	338
1328696		<10	<10	27	<10	239
1328697		<10	<10	27	<10	26
1328698		<10	<10	28	<10	44
1328699		<10	<10	28	<10	47
1328700		<10	<10	125	30	69
1328701		<10	<10	29	<10	60
1328702		<10	<10	27	<10	56
1328703		10	<10	27	10	33
1328704		<10	<10	25	<10	78
1328705		<10	<10	24	40	97
1328706		<10	<10	26	<10	827
1328707		<10	<10	27	<10	51
1328708		<10	<10	26	<10	47
1328709		<10	<10	27	<10	7590
1328710		<10	<10	110	20	59
1328711		<10	<10	45	<10	1430
1328712		<10	<10	35	<10	1675
1328713		<10	<10	32	<10	127
1328714		<10	<10	30	<10	1100
1328715		<10	<10	32	<10	26
1328716		<10	<10	33	<10	18
1328717		<10	<10	30	10	107
1328718		<10	<10	21	<10	118
1328719		<10	<10	23	<10	1020
1328720		<10	<10	93	40	2070
1328721		<10	<10	22	<10	59
1328722		<10	<10	24	<10	251
1328723		<10	<10	24	<10	61
1328724		<10	<10	25	<10	89
1328725		<10	<10	24	<10	118



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Page: 3 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328726		3.54	0.13	0.6	7.71	<5	750	0.9	<2	2.09	1.6	4	7	31	1.49	20
1328727		3.85	0.02	<0.5	7.56	7	710	1.0	<2	1.94	<0.5	5	8	12	1.45	20
1328728		3.61	0.01	<0.5	7.34	<5	650	0.9	<2	1.45	<0.5	4	7	11	1.32	20
1328729		3.70	0.03	<0.5	7.70	<5	620	0.9	<2	1.46	<0.5	6	6	22	1.39	20
1328730		0.06	<0.01	<0.5	6.65	<5	500	0.7	<2	2.62	<0.5	13	56	24	3.34	10
1328731		3.77	0.05	<0.5	7.99	<5	710	0.9	<2	1.86	<0.5	5	8	18	1.46	20
1328732		3.53	0.07	<0.5	7.84	6	700	1.0	<2	2.05	0.7	5	7	31	1.37	20
1328733		3.84	0.19	<0.5	7.93	13	680	1.0	<2	1.59	<0.5	5	7	16	1.34	20
1328734		3.82	0.38	<0.5	7.98	8	700	0.9	<2	1.66	<0.5	6	10	18	1.39	20
1328735		1.49	0.14	<0.5	7.73	8	650	0.9	<2	1.63	0.9	5	10	20	1.43	20
1328736		1.52	0.15	<0.5	7.75	16	650	0.9	<2	1.66	<0.5	5	9	16	1.41	20
1328737		3.68	0.02	<0.5	7.82	6	660	0.9	<2	2.27	<0.5	5	8	12	1.44	20
1328738		3.71	0.08	<0.5	8.13	5	690	1.0	<2	2.12	<0.5	5	7	8	1.45	20
1328739		3.50	0.02	<0.5	7.61	<5	720	1.1	<2	2.24	0.9	5	8	15	1.59	20
1328740		0.04	0.37	2.7	7.65	50	360	0.9	<2	1.27	3.1	13	32	2430	5.26	20
1328741		3.85	0.02	<0.5	6.64	5	600	0.8	<2	1.20	<0.5	4	13	16	1.41	20
1328742		3.93	0.09	<0.5	6.96	9	770	0.9	<2	1.24	<0.5	4	16	35	1.59	20
1328743		3.91	0.10	<0.5	6.99	19	710	0.9	<2	0.97	0.5	5	7	23	1.68	20
1328744		2.48	0.38	1.4	7.34	24	650	1.0	<2	1.42	1.2	5	8	63	2.04	20
1328745		3.87	0.10	2.4	7.79	23	690	1.1	<2	1.63	<0.5	5	7	33	1.38	20
1328746		2.52	0.15	1.7	7.68	21	750	0.8	<2	0.40	<0.5	5	7	18	1.14	20
1328747		2.54	0.19	0.8	7.66	13	730	0.8	<2	0.09	0.7	5	10	9	1.17	20
1328748		2.30	0.06	<0.5	7.57	12	800	0.9	<2	0.37	<0.5	7	12	26	1.44	20
1328749		2.48	0.53	3.2	7.13	21	910	0.9	<2	0.51	4.4	6	11	52	1.73	20
1328750		0.06	<0.01	<0.5	6.68	<5	500	0.7	<2	2.64	<0.5	13	55	23	3.36	10
1328751		2.41	0.03	<0.5	7.77	11	1040	1.0	<2	0.58	<0.5	6	11	27	1.27	20
1328752		3.77	0.03	<0.5	7.67	11	920	0.9	<2	0.23	<0.5	6	10	26	1.22	20
1328753		3.82	0.06	<0.5	7.67	13	970	0.8	<2	0.60	<0.5	5	10	25	1.20	20
1328754		3.80	0.05	<0.5	7.38	6	850	0.7	<2	0.63	<0.5	6	8	15	1.23	20
1328755		1.42	0.03	<0.5	7.56	6	740	1.3	<2	0.59	<0.5	5	7	11	1.13	20
1328756		1.82	0.03	<0.5	7.44	7	740	0.8	<2	0.49	<0.5	5	6	8	1.04	20
1328757		3.76	0.12	1.4	7.28	21	760	0.8	<2	0.92	2.0	6	19	163	1.79	20
1328758		3.78	0.04	<0.5	7.59	9	690	0.8	<2	2.07	<0.5	10	80	20	1.74	20
1328759		3.44	0.04	<0.5	6.75	6	650	0.8	<2	1.05	<0.5	5	7	8	1.22	20
1328760		0.04	1.83	<0.5	6.83	11	510	0.7	<2	2.65	<0.5	16	56	34	3.90	10
1328761		3.62	0.23	<0.5	7.15	<5	640	0.7	<2	0.50	<0.5	5	6	10	1.32	20
1328762		3.48	0.13	<0.5	7.03	13	610	0.8	<2	1.03	<0.5	5	7	18	1.61	20
1328763		3.13	0.17	<0.5	7.34	5	600	0.7	<2	0.85	<0.5	6	6	6	1.73	20
1328764		3.49	0.03	<0.5	7.69	7	750	0.8	<2	0.86	<0.5	5	6	11	1.59	20
1328765		3.60	0.02	<0.5	7.11	10	680	0.9	<2	0.86	<0.5	5	8	12	1.30	20



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Page: 3 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
1328726		2.80	10	1.86	798	<1	0.72	5	370	271	0.39	<5	3	99	<20	0.17
1328727		2.62	10	1.59	678	1	1.20	5	350	36	0.33	<5	3	101	<20	0.17
1328728		2.37	10	1.21	477	<1	1.83	4	350	7	0.25	<5	2	89	<20	0.17
1328729		2.33	10	1.26	478	2	1.98	5	360	14	0.25	<5	3	93	<20	0.17
1328730		0.85	10	1.27	674	3	2.24	31	610	<2	0.04	<5	15	297	<20	0.35
1328731		2.74	10	1.33	523	1	1.66	6	370	11	0.31	<5	3	116	<20	0.18
1328732		2.91	10	1.24	508	1	1.19	5	360	11	0.31	<5	3	106	<20	0.18
1328733		2.84	10	1.23	493	1	1.34	4	370	26	0.35	<5	3	98	<20	0.18
1328734		2.61	10	1.23	472	<1	1.86	6	380	22	0.27	<5	3	102	<20	0.19
1328735		2.49	10	1.21	442	1	1.61	5	370	57	0.45	<5	3	102	<20	0.18
1328736		2.53	10	1.20	438	<1	1.56	4	350	53	0.38	<5	3	97	<20	0.18
1328737		2.70	10	1.37	430	<1	1.15	7	370	12	0.24	<5	3	113	<20	0.18
1328738		2.94	10	1.71	549	1	0.68	6	350	13	0.32	<5	3	115	<20	0.18
1328739		2.80	10	1.87	699	1	0.53	3	320	81	0.38	<5	2	136	<20	0.17
1328740		2.35	10	0.79	1115	18	0.62	21	730	83	3.35	<5	8	176	<20	0.17
1328741		2.64	10	1.78	551	<1	0.29	4	520	22	0.30	<5	2	83	<20	0.15
1328742		3.00	10	2.07	717	1	0.23	6	310	26	0.41	<5	3	73	<20	0.16
1328743		3.22	10	1.86	533	1	0.23	6	320	57	0.69	<5	2	59	<20	0.16
1328744		3.08	10	1.13	559	1	0.36	6	340	235	1.73	<5	3	68	<20	0.16
1328745		2.78	10	1.21	580	1	0.62	4	350	377	0.80	<5	3	82	<20	0.17
1328746		3.71	10	0.48	143	1	0.20	5	430	155	0.85	<5	3	34	<20	0.18
1328747		3.60	20	0.22	49	1	0.19	8	370	30	1.12	<5	3	38	<20	0.15
1328748		3.46	20	0.45	183	1	0.19	11	510	35	1.36	<5	3	37	<20	0.15
1328749		3.23	10	0.60	412	1	0.20	8	570	443	1.79	<5	3	39	<20	0.14
1328750		0.86	10	1.29	676	4	2.25	32	620	2	0.05	<5	15	300	<20	0.35
1328751		3.51	10	0.66	487	1	0.23	8	410	42	1.02	<5	3	39	<20	0.16
1328752		3.66	10	0.40	182	<1	0.22	7	480	44	1.05	<5	3	33	<20	0.17
1328753		3.34	10	0.74	469	1	0.25	7	410	49	0.87	<5	3	45	<20	0.16
1328754		3.25	10	0.53	263	1	0.27	6	380	39	1.02	<5	3	34	<20	0.15
1328755		3.39	10	0.84	322	1	0.26	5	400	50	0.66	<5	3	39	<20	0.15
1328756		3.39	10	0.72	267	1	0.25	3	400	48	0.63	<5	3	39	<20	0.14
1328757		2.97	20	0.94	333	1	0.26	16	480	250	1.16	<5	3	55	<20	0.14
1328758		2.55	30	2.04	762	1	0.46	57	890	53	0.49	<5	5	106	<20	0.19
1328759		2.94	10	1.38	394	<1	0.27	6	380	13	0.44	<5	2	50	<20	0.16
1328760		0.90	10	1.39	725	4	2.20	31	650	6	0.05	<5	16	291	<20	0.35
1328761		3.33	10	1.63	454	<1	0.19	5	350	28	0.64	<5	3	46	<20	0.15
1328762		2.75	10	1.94	407	1	0.23	20	500	21	0.78	<5	3	49	<20	0.14
1328763		2.52	10	2.68	415	<1	0.19	5	360	11	0.56	<5	3	31	<20	0.13
1328764		2.89	10	2.54	367	1	0.21	4	350	17	0.37	<5	3	47	<20	0.14
1328765		3.01	10	1.69	299	<1	0.29	6	350	31	0.42	<5	3	62	<20	0.16



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Page: 3 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328726		<10	<10	25	<10	533
1328727		<10	<10	26	<10	142
1328728		<10	<10	25	<10	43
1328729		<10	<10	25	<10	46
1328730		10	<10	114	20	59
1328731		<10	<10	27	<10	56
1328732		<10	<10	26	<10	261
1328733		<10	<10	26	<10	68
1328734		<10	<10	27	<10	54
1328735		<10	<10	26	<10	371
1328736		<10	<10	26	<10	204
1328737		<10	<10	26	<10	54
1328738		<10	<10	26	<10	57
1328739		<10	<10	25	<10	387
1328740		<10	<10	71	<10	660
1328741		<10	<10	21	<10	165
1328742		<10	<10	23	10	182
1328743		<10	<10	23	<10	223
1328744		<10	<10	26	<10	377
1328745		<10	<10	25	<10	105
1328746		<10	<10	26	<10	152
1328747		<10	<10	28	<10	357
1328748		<10	<10	30	<10	164
1328749		<10	<10	28	<10	1935
1328750		<10	<10	116	20	61
1328751		<10	<10	31	<10	77
1328752		<10	<10	30	<10	147
1328753		<10	<10	30	<10	94
1328754		<10	<10	26	<10	93
1328755		<10	<10	27	<10	64
1328756		<10	<10	26	<10	64
1328757		<10	<10	29	<10	799
1328758		<10	<10	39	<10	86
1328759		<10	<10	25	<10	42
1328760		<10	<10	126	20	68
1328761		<10	<10	25	<10	71
1328762		<10	<10	27	<10	71
1328763		<10	<10	26	<10	46
1328764		<10	<10	28	<10	54
1328765		<10	<10	25	<10	49



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Page: 4 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
1328773		3.33	0.32	<0.5	7.47	23	550	1.1	<2	2.64	<0.5	6	11	9	1.50	20
1328774		3.34	0.02	<0.5	8.09	7	660	1.3	<2	2.30	<0.5	9	22	11	2.00	20



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Page: 4 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
1328773		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
1328774		2.76	20	0.77	315	1	0.71	7	520	16	0.37	<5	4	76	<20	0.21
		3.32	20	1.26	497	1	0.51	17	580	28	0.50	<5	4	122	<20	0.22



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Page: 4 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044211

Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
1328773		<10	<10	37	<10	44
1328774		<10	<10	41	10	103



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Page: 1
 Finalized Date: 13-MAR-2013
 Account: TREMET

CERTIFICATE TB13044216

Project: Goliath
 P.O. No.: TL13-319
 This report is for 7 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-MAR-2013.
 The following have access to data associated with this certificate:
 RORY KROCKER ADAM LARSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
SCR-21	Screen to -100 to 106 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-SCR21	Au Screen Fire Assay - 100 to 106 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: TREASURY METALS INC
 ATTN: ADAM LARSEN
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044216

Sample Description	Method Analyte Units LOR	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Recvd Wt. kg	Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm
		0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01	0.5	0.01	5	10	0.5	2
1328766		3.59	0.31	0.62	0.29	0.044	71.36	883.0	0.28	0.30	1.3	7.79	12	500	1.2	<2
1328767		3.33	0.64	0.45	0.65	0.025	55.69	941.0	0.56	0.74	5.0	7.06	80	700	1.5	3
1328768		2.52	3.45	8.61	3.22	0.368	42.74	941.1	3.19	3.24	16.8	6.54	211	680	1.2	<2
1328769		3.29	0.13	0.23	0.13	0.014	60.85	937.5	0.12	0.13	0.8	6.67	33	620	1.2	<2
1328770		0.06							<0.01	<0.01	<0.5	6.42	10	500	0.7	3
1328771		3.30	0.39	0.44	0.39	0.035	79.17	917.9	0.39	0.38	1.0	7.28	33	620	1.2	<2
1328772		3.55	3.37	16.05	2.46	1.068	66.62	921.6	2.83	2.08	1.4	7.19	42	610	1.2	<2



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Page: 2 - B
 Total # Pages: 2 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044216

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm
		0.01	0.5	1	1	1	0.01	10	0.01	10	0.01	5	1	0.01	1	10
1328766		1.05	<0.5	18	109	46	3.38	20	3.26	30	1.44	417	<1	0.36	57	580
1328767		0.76	5.1	19	118	126	3.84	20	2.96	30	1.08	256	1	0.31	70	450
1328768		0.16	16.5	6	53	411	1.72	20	3.14	20	0.24	23	3	0.21	21	570
1328769		0.45	<0.5	4	11	28	1.08	20	3.34	10	0.38	102	<1	0.23	6	910
1328770		2.71	<0.5	11	54	23	3.51	10	0.86	10	1.29	682	2	2.28	28	620
1328771		0.87	0.7	5	14	20	1.39	20	3.38	10	0.67	285	<1	0.35	8	630
1328772		0.98	<0.5	5	11	28	1.25	20	3.14	10	0.67	236	<1	0.38	8	600



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Page: 2 - C
 Total # Pages: 2 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044216

Sample Description	Method Analyte Units LOR	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %	ME-ICP61 Tl ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm
1328766		85	1.36	<5	13	46	<20	0.21	<10	<10	91	<10	145
1328767		368	2.32	23	14	43	<20	0.20	<10	<10	96	<10	1445
1328768		1125	1.85	85	8	34	<20	0.14	<10	<10	56	<10	4400
1328769		72	0.70	<5	4	31	<20	0.16	<10	<10	36	10	55
1328770		5	0.04	<5	15	295	<20	0.35	<10	<10	115	20	59
1328771		107	0.73	<5	4	46	<20	0.20	<10	<10	39	<10	322
1328772		76	0.70	5	4	48	<20	0.19	<10	<10	37	<10	168



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Page: 1
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CERTIFICATE TB13044212

Project: Goliath
 P.O. No.: TL13-322
 This report is for 103 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-MAR-2013.
 The following have access to data associated with this certificate:
 RORY KROCKER ADAM LARSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **TREASURY METALS INC**
ATTN: ADAM LARSEN
130 KING STREET WEST
PO BOX 99, SUITE 3680
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
1328864		2.29	0.03	<0.5	7.84	8	430	1.3	<2	1.62	<0.5	3	8	8	1.19	20
1328865		2.67	0.04	<0.5	7.41	11	420	1.3	<2	1.39	0.6	3	8	7	1.08	20
1328866		2.64	0.03	<0.5	7.99	15	440	1.3	<2	1.66	<0.5	4	9	5	1.32	20
1328867		4.04	0.01	<0.5	7.73	8	430	1.3	<2	2.40	<0.5	3	8	3	1.53	20
1328868		3.83	0.02	0.5	7.64	13	330	1.1	<2	2.09	<0.5	3	8	3	1.63	20
1328869		2.72	0.01	1.5	7.42	9	340	1.2	<2	1.44	<0.5	3	10	20	1.71	20
1328870		0.05	<0.01	<0.5	6.40	<5	480	0.7	<2	2.60	<0.5	13	51	23	3.26	10
1328871		2.52	0.05	<0.5	7.60	28	350	1.3	<2	0.74	<0.5	4	7	3	1.42	20
1328872		2.64	<0.01	1.3	8.07	8	270	1.2	<2	2.46	<0.5	3	8	3	1.78	20
1328873		3.63	0.01	0.9	8.36	22	540	1.0	<2	2.63	<0.5	6	8	95	1.93	20
1328874		3.20	0.02	0.8	7.93	26	630	1.1	<2	1.62	<0.5	6	9	29	2.28	20
1328875		1.45	0.02	1.1	7.58	39	810	1.4	<2	2.21	1.3	9	7	21	3.03	20
1328876		1.46	0.02	0.9	7.47	41	790	1.2	<2	2.15	0.8	9	8	18	2.96	20
1328877		2.60	0.01	1.0	7.43	28	690	1.3	<2	1.31	1.1	8	8	10	2.27	20
1328878		2.56	0.02	1.6	6.04	32	440	1.0	<2	1.41	<0.5	7	13	42	1.87	20
1328879		3.54	0.01	<0.5	8.06	16	680	1.2	<2	2.30	<0.5	7	8	40	1.87	20
1328880		0.04	2.11	<0.5	6.81	11	510	0.7	<2	2.71	<0.5	15	56	34	3.93	10
1328881		2.55	<0.01	<0.5	7.87	11	660	1.0	<2	3.06	<0.5	8	10	14	2.33	20
1328882		2.41	<0.01	<0.5	7.84	<5	630	1.0	<2	2.96	<0.5	6	8	7	1.93	20
1328883		3.66	0.01	<0.5	7.55	18	530	1.0	<2	3.50	<0.5	9	11	15	2.42	20
1328884		3.63	0.04	<0.5	7.29	31	480	1.2	<2	2.44	0.8	15	75	29	2.97	20
1328885		3.50	0.01	<0.5	7.93	<5	370	1.2	<2	1.45	<0.5	22	128	48	3.71	20
1328886		3.51	0.04	0.5	7.51	14	410	1.6	<2	2.22	<0.5	15	90	35	3.09	20
1328887		4.02	0.09	0.9	8.03	42	500	1.5	<2	1.86	1.2	18	96	46	3.48	20
1328888		4.11	0.08	0.5	8.07	48	560	1.6	<2	1.86	<0.5	24	126	54	4.42	20
1328889		3.85	0.03	0.5	8.02	22	700	1.6	<2	2.83	<0.5	11	39	22	2.51	20
1328890		0.06	0.01	<0.5	6.66	6	500	0.7	<2	2.64	<0.5	13	53	24	3.35	10
1328891		3.92	0.12	<0.5	7.47	19	710	1.2	<2	2.44	<0.5	7	9	2	1.78	20
1328892		3.56	0.07	<0.5	7.60	23	800	1.3	<2	2.45	<0.5	6	8	1	1.94	20
1328893		3.73	0.46	8.6	5.11	37	850	1.1	4	0.86	6.2	5	18	80	2.10	10
1328894		3.84	0.02	<0.5	7.45	10	900	1.5	<2	3.34	<0.5	6	9	6	1.89	20
1328895		1.66	0.04	0.5	7.25	10	670	1.7	<2	3.52	<0.5	8	9	6	2.13	20
1328896		1.90	0.01	<0.5	7.53	8	690	1.8	<2	3.70	<0.5	7	8	5	2.18	20
1328897		2.75	0.05	0.5	8.27	16	650	1.5	<2	2.75	<0.5	17	90	45	3.49	20
1328898		2.67	0.04	0.8	7.88	16	520	1.3	<2	2.66	<0.5	17	84	39	3.25	20
1328899		2.57	0.33	11.6	7.39	32	380	1.3	<2	2.09	19.8	18	97	434	3.93	20
1328900		0.04	4.77	69.7	5.36	41	540	0.7	<2	1.62	20.4	13	36	55	3.40	10
1328901		3.86	0.05	<0.5	7.63	13	390	1.4	<2	1.52	0.7	18	93	45	3.66	20
1328902		3.62	0.11	5.0	6.91	25	360	1.3	<2	1.12	2.0	17	102	65	3.84	20
1328903		3.82	0.13	0.5	6.84	45	370	1.1	<2	1.50	2.5	19	111	63	3.97	20



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Page: 2 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1328864		3.30	10	0.93	550	<1	0.46	5	390	12	0.34	<5	3	109	<20	0.17
1328865		3.17	10	0.88	639	1	0.43	4	390	16	0.36	<5	3	90	<20	0.17
1328866		3.26	10	0.88	528	1	0.45	5	400	20	0.45	<5	3	93	<20	0.18
1328867		3.15	10	1.09	562	<1	0.51	4	400	14	0.21	<5	3	115	<20	0.17
1328868		3.09	10	1.19	1040	1	0.46	3	390	20	0.54	<5	3	82	<20	0.16
1328869		3.13	10	0.91	606	1	0.42	3	360	17	0.55	<5	3	69	<20	0.16
1328870		0.83	10	1.24	666	3	2.17	28	600	<2	0.04	<5	15	288	<20	0.34
1328871		3.58	10	0.56	370	1	0.32	5	400	6	0.97	<5	3	45	<20	0.17
1328872		3.16	10	1.48	920	<1	0.50	5	400	8	0.32	<5	3	67	<20	0.18
1328873		3.70	20	1.34	552	1	0.58	7	640	13	0.95	<5	4	119	<20	0.23
1328874		3.40	20	0.96	478	1	0.55	6	580	64	1.76	<5	4	99	<20	0.21
1328875		3.11	20	1.33	763	1	0.56	10	600	80	2.69	<5	3	98	<20	0.20
1328876		3.05	20	1.27	720	1	0.53	9	570	82	2.61	<5	3	91	<20	0.19
1328877		3.26	20	0.82	496	2	0.51	9	540	200	2.23	<5	3	76	<20	0.20
1328878		2.21	20	0.81	384	2	0.39	5	500	277	1.53	<5	3	71	<20	0.15
1328879		3.16	20	1.14	483	2	0.57	6	600	43	1.05	<5	4	94	<20	0.22
1328880		0.90	10	1.40	743	3	2.21	34	650	3	0.05	<5	16	294	<20	0.36
1328881		3.14	20	1.42	594	1	0.57	7	600	12	1.01	<5	4	105	<20	0.22
1328882		3.18	20	1.21	438	1	0.59	7	600	7	0.44	<5	3	110	<20	0.22
1328883		2.98	20	1.51	673	1	0.51	11	600	9	0.99	<5	3	123	<20	0.21
1328884		2.76	20	1.25	684	2	0.67	38	530	48	1.82	<5	8	122	<20	0.23
1328885		2.46	30	1.26	684	2	1.78	63	570	28	0.83	<5	13	107	<20	0.31
1328886		2.61	30	1.34	684	3	0.81	45	450	68	1.06	<5	10	127	<20	0.24
1328887		3.33	30	1.34	637	3	0.39	55	550	178	2.14	<5	12	88	<20	0.28
1328888		3.27	30	1.55	868	2	0.49	73	570	36	2.54	<5	15	93	<20	0.31
1328889		3.01	20	1.29	819	1	0.89	25	610	49	1.38	<5	6	130	<20	0.23
1328890		0.85	10	1.28	678	3	2.25	29	620	2	0.04	<5	15	300	<20	0.35
1328891		3.04	10	1.16	627	1	0.80	8	590	26	1.21	<5	3	108	<20	0.20
1328892		3.42	20	1.38	788	1	0.58	8	590	23	1.35	<5	3	103	<20	0.20
1328893		2.25	10	0.54	239	1	0.26	10	370	2110	1.83	5	3	63	<20	0.13
1328894		3.16	20	1.56	748	<1	0.56	7	590	38	0.77	<5	3	127	<20	0.19
1328895		2.90	20	1.73	802	1	0.50	8	580	44	0.89	<5	3	124	<20	0.19
1328896		2.93	20	1.77	840	1	0.51	8	580	43	0.90	<5	3	129	<20	0.19
1328897		3.43	30	1.78	963	3	0.49	50	590	23	1.70	<5	11	123	<20	0.25
1328898		3.21	30	1.64	940	2	0.44	49	560	29	1.50	<5	10	132	<20	0.25
1328899		2.48	30	1.69	836	2	0.54	56	540	2370	2.85	7	12	85	<20	0.23
1328900		0.97	10	0.78	501	5	1.86	23	570	651	0.38	94	11	240	<20	0.25
1328901		2.84	30	2.08	709	2	0.42	54	540	21	1.29	<5	11	79	<20	0.23
1328902		2.79	20	2.17	546	1	0.44	59	480	52	1.95	<5	11	59	<20	0.20
1328903		2.63	30	2.20	588	2	0.42	58	500	70	2.23	<5	11	59	<20	0.20



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Page: 2 - C
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CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328864		<10	<10	28	<10	37
1328865		<10	<10	27	<10	252
1328866		<10	<10	30	<10	37
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1328868		<10	<10	27	<10	44
1328869		<10	<10	28	<10	47
1328870		<10	<10	114	20	58
1328871		<10	<10	27	<10	31
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1328873		<10	<10	41	<10	37
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1328875		<10	<10	36	<10	524
1328876		<10	<10	35	<10	370
1328877		<10	<10	36	<10	323
1328878		<10	<10	28	<10	167
1328879		<10	<10	38	<10	89
1328880		<10	<10	129	20	69
1328881		<10	<10	38	<10	63
1328882		<10	<10	38	<10	56
1328883		<10	<10	37	<10	61
1328884		<10	<10	66	<10	290
1328885		<10	<10	96	<10	167
1328886		<10	<10	70	<10	75
1328887		<10	<10	84	<10	384
1328888		<10	<10	107	<10	82
1328889		<10	<10	55	<10	75
1328890		<10	<10	115	20	59
1328891		<10	<10	37	<10	51
1328892		<10	<10	37	<10	59
1328893		<10	<10	27	10	2100
1328894		<10	<10	36	<10	79
1328895		<10	<10	36	680	81
1328896		<10	<10	37	150	82
1328897		<10	<10	82	<10	78
1328898		<10	<10	73	<10	126
1328899		<10	<10	81	20	7660
1328900		<10	<10	97	40	2080
1328901		<10	<10	77	10	203
1328902		<10	<10	80	<10	643
1328903		<10	<10	79	<10	952



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Page: 3 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
1328904		4.17	0.20	0.8	7.21	18	390	1.3	<2	1.16	1.8	22	125	72	4.27	20
1328905		3.77	0.17	0.6	7.62	62	430	1.6	<2	0.80	0.5	21	121	42	4.09	20
1328906		3.66	0.27	<0.5	7.82	28	500	1.5	<2	0.60	<0.5	19	113	38	3.75	20
1328907		2.43	0.77	2.2	6.62	48	510	1.0	<2	1.04	2.5	7	14	110	2.13	20
1328908		2.42	2.06	7.7	6.19	81	420	0.8	<2	0.57	18.6	6	11	165	2.00	20
1328909		2.23	0.04	<0.5	7.22	28	500	1.2	<2	1.79	<0.5	7	11	17	1.80	20
1328910		0.06	<0.01	<0.5	6.19	5	460	0.7	<2	2.50	<0.5	12	50	23	3.13	10
1328911		3.69	0.05	<0.5	7.69	33	550	1.2	<2	1.95	0.9	6	12	9	1.76	20
1328912		3.75	0.11	1.7	7.59	31	540	1.2	<2	1.67	0.8	7	13	15	1.89	20
1328913		3.67	0.11	<0.5	7.51	34	510	1.2	<2	1.45	0.7	7	11	14	1.99	20
1328914		3.68	0.18	0.7	7.66	37	490	1.1	<2	1.70	1.0	8	12	24	1.89	20
1328915		1.55	0.09	<0.5	7.48	31	510	1.2	<2	2.62	<0.5	6	10	5	1.87	20
1328916		1.41	0.04	<0.5	7.47	34	490	1.2	<2	2.40	<0.5	6	11	7	1.80	20
1328917		2.24	0.21	0.9	7.20	45	500	1.0	<2	1.54	0.8	7	12	25	1.96	20
1328918		2.36	0.07	<0.5	7.53	39	490	1.0	<2	1.68	<0.5	6	11	11	2.01	20
1328919		2.42	1.08	2.5	6.57	47	460	1.0	<2	1.68	<0.5	6	11	74	2.24	20
1328920		0.04	0.38	2.4	7.24	54	330	0.8	<2	1.21	2.8	12	30	2260	4.95	20
1328921		3.02	3.21	10.7	4.75	109	270	0.7	<2	0.38	23.2	7	11	259	4.04	10
1328922		2.37	0.16	<0.5	6.75	42	430	0.9	<2	1.23	<0.5	6	11	11	1.55	20
1328923		2.47	0.06	<0.5	6.86	39	410	1.0	<2	1.84	<0.5	6	9	7	1.50	20
1328924		2.59	0.55	1.8	6.92	42	420	1.1	<2	1.61	4.0	7	11	27	2.45	20
1328925		3.17	0.04	<0.5	7.95	10	510	1.5	<2	2.67	<0.5	8	13	28	1.94	20
1328926		2.40	0.04	<0.5	7.63	22	420	1.2	<2	2.56	<0.5	7	14	15	1.96	20
1328927		2.20	0.04	<0.5	7.11	25	450	1.0	<2	2.46	<0.5	7	16	14	1.88	20
1328928		2.27	0.01	<0.5	7.51	12	560	1.1	<2	2.73	<0.5	7	20	2	1.96	20
1328929		2.18	0.24	<0.5	7.25	17	440	1.5	<2	1.52	<0.5	16	90	18	3.16	20
1328930		0.06	<0.01	<0.5	6.22	10	470	0.7	<2	2.64	<0.5	13	53	23	3.36	10
1328931		2.78	0.56	1.3	6.17	66	350	1.3	<2	0.55	<0.5	20	108	51	3.15	20
1328932		2.40	1.75	0.8	6.99	28	370	1.3	<2	0.56	<0.5	21	121	44	3.74	20
1328933		2.49	1.13	3.1	6.38	44	330	1.3	2	0.71	14.8	19	101	64	4.38	20
1328934		2.29	0.30	<0.5	4.62	40	250	0.9	<2	0.82	<0.5	16	80	52	3.39	10
1328935		1.34	7.12	0.6	7.78	14	410	1.6	<2	1.93	<0.5	20	131	61	4.11	20
1328936		1.65	0.15	0.8	7.32	5	350	1.3	<2	2.30	<0.5	21	115	52	3.78	20
1328937		1.77	0.08	<0.5	7.49	13	340	1.4	<2	2.42	<0.5	19	118	49	3.87	20
1328938		2.53	0.05	1.0	7.21	45	310	1.4	<2	2.68	<0.5	18	102	71	3.50	20
1328939		2.50	0.04	<0.5	7.11	34	480	1.1	<2	2.37	<0.5	6	12	32	1.92	20
1328940		0.04	2.07	<0.5	6.57	9	500	0.7	<2	2.75	<0.5	15	57	34	3.96	10
1328941		2.63	1.61	3.8	6.72	64	520	1.3	<2	1.44	2.6	6	11	213	1.66	20
1328942		2.98	0.17	0.7	6.94	57	490	1.2	<2	1.50	<0.5	9	40	40	1.78	20
1328943		3.90	0.22	0.5	8.17	27	420	1.5	<2	1.42	<0.5	23	139	65	3.96	20



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Page: 3 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1328904		2.68	30	2.03	612	2	0.46	65	520	290	1.71	<5	12	69	<20	0.23
1328905		3.41	30	1.52	457	2	0.35	68	500	69	2.43	<5	14	58	<20	0.22
1328906		3.89	30	1.86	491	2	0.27	63	480	46	1.77	<5	13	44	<20	0.26
1328907		2.79	10	0.84	307	3	0.31	11	440	239	1.79	<5	3	53	<20	0.18
1328908		2.83	10	0.55	233	1	0.27	8	420	1255	2.16	12	3	31	<20	0.17
1328909		3.05	10	1.16	441	1	0.43	9	490	56	1.19	<5	4	71	<20	0.20
1328910		0.82	10	1.18	642	3	2.10	27	580	4	0.04	<5	14	279	<20	0.33
1328911		3.44	10	1.23	489	1	0.49	8	520	68	1.05	<5	4	70	<20	0.21
1328912		3.40	10	1.12	472	1	0.56	10	520	274	1.21	<5	4	65	<20	0.21
1328913		3.40	20	1.07	513	1	0.53	9	530	69	1.46	<5	4	70	<20	0.22
1328914		3.31	20	1.12	531	<1	0.49	10	520	97	1.30	<5	4	61	<20	0.21
1328915		3.14	10	1.47	720	<1	0.51	9	520	41	1.07	<5	4	79	<20	0.20
1328916		3.15	10	1.36	663	1	0.52	8	500	39	1.04	<5	4	77	<20	0.21
1328917		3.16	10	1.03	497	1	0.43	9	480	82	1.44	<5	4	55	<20	0.19
1328918		3.34	20	1.23	552	1	0.43	9	490	22	1.42	<5	4	71	<20	0.20
1328919		2.76	10	1.01	652	1	0.39	7	430	101	1.88	<5	3	53	<20	0.16
1328920		2.26	10	0.74	1065	17	0.58	23	680	77	3.18	<5	7	166	<20	0.16
1328921		2.22	10	0.34	191	1	0.16	9	360	767	4.64	39	2	17	<20	0.13
1328922		3.06	10	0.90	430	1	0.38	8	480	25	1.11	<5	3	42	<20	0.19
1328923		3.01	10	1.12	524	1	0.39	9	480	20	0.92	<5	3	52	<20	0.19
1328924		2.86	10	1.15	554	1	0.40	11	480	297	2.10	<5	4	56	<20	0.18
1328925		3.45	10	1.55	766	3	0.60	15	610	38	0.48	<5	4	85	<20	0.26
1328926		3.18	10	1.48	583	1	0.52	11	540	20	0.49	<5	4	77	<20	0.22
1328927		3.23	10	1.25	508	1	0.41	9	500	31	0.79	<5	4	92	<20	0.21
1328928		2.77	10	1.24	375	1	0.48	12	520	14	0.29	<5	4	150	<20	0.22
1328929		3.16	20	2.08	528	3	0.25	49	500	24	0.91	<5	12	73	<20	0.26
1328930		0.81	10	1.26	674	4	2.18	29	600	4	0.04	<5	14	285	<20	0.35
1328931		2.85	20	1.00	261	4	0.24	63	450	146	2.20	<5	12	41	<20	0.17
1328932		2.87	30	1.57	376	3	0.26	67	450	96	1.84	<5	15	43	<20	0.20
1328933		2.56	20	1.82	359	2	0.53	56	560	993	2.68	<5	11	57	<20	0.17
1328934		1.67	20	1.12	314	2	0.43	58	640	66	1.43	<5	10	47	<20	0.12
1328935		2.73	30	1.62	667	3	0.80	62	590	60	1.16	<5	12	100	<20	0.24
1328936		2.73	30	1.59	675	3	0.77	59	550	31	0.54	<5	12	140	<20	0.28
1328937		2.52	30	1.66	737	5	0.87	58	550	32	0.51	<5	12	140	<20	0.30
1328938		2.38	30	1.83	915	2	0.40	53	520	89	0.83	<5	12	120	<20	0.27
1328939		3.09	10	1.33	705	1	0.39	10	490	28	0.56	<5	4	101	<20	0.20
1328940		0.88	10	1.40	744	4	2.19	34	660	8	0.04	<5	16	287	<20	0.36
1328941		2.96	10	0.95	599	2	0.43	9	460	350	1.13	<5	3	63	<20	0.19
1328942		2.96	20	0.91	519	2	0.45	20	470	94	0.96	<5	6	65	<20	0.22
1328943		3.67	30	1.42	660	2	0.37	76	560	59	1.34	<5	16	70	<20	0.33



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Page: 3 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328904		<10	<10	89	<10	785
1328905		10	<10	96	<10	256
1328906		<10	<10	94	<10	109
1328907		<10	<10	37	10	684
1328908		<10	<10	32	20	5990
1328909		<10	<10	36	<10	106
1328910		<10	<10	107	20	59
1328911		<10	<10	39	10	339
1328912		<10	<10	39	10	326
1328913		<10	<10	40	<10	234
1328914		<10	<10	39	10	348
1328915		<10	<10	38	<10	68
1328916		<10	<10	37	<10	66
1328917		<10	<10	35	<10	315
1328918		<10	<10	38	<10	131
1328919		<10	<10	30	<10	118
1328920		<10	<10	66	<10	623
1328921		<10	<10	25	20	7160
1328922		<10	<10	35	<10	68
1328923		<10	<10	36	<10	107
1328924		<10	<10	35	10	1080
1328925		<10	<10	49	<10	171
1328926		<10	<10	39	<10	99
1328927		<10	<10	38	<10	94
1328928		<10	<10	41	<10	58
1328929		<10	<10	84	<10	76
1328930		<10	10	111	20	58
1328931		<10	<10	84	<10	129
1328932		<10	<10	100	<10	113
1328933		<10	<10	77	10	4300
1328934		<10	<10	59	<10	168
1328935		<10	<10	90	<10	139
1328936		<10	<10	83	<10	107
1328937		<10	<10	87	<10	86
1328938		<10	<10	83	<10	191
1328939		<10	<10	36	<10	64
1328940		<10	10	126	20	69
1328941		<10	<10	34	10	1135
1328942		<10	<10	54	<10	210
1328943		<10	<10	109	<10	114



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Page: 4 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

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CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328944		3.09	0.12	0.9	7.69	47	390	1.7	2	1.82	<0.5	18	106	81	3.43	20
1328945		3.85	0.21	0.9	7.40	45	410	1.4	<2	1.64	<0.5	16	96	93	3.27	20
1328946		4.07	0.17	<0.5	8.02	16	430	1.5	<2	2.26	<0.5	20	109	76	3.88	20
1328947		2.64	0.05	<0.5	7.45	18	450	1.5	<2	2.17	<0.5	17	97	68	3.33	20
1328948		2.40	0.46	2.5	6.73	65	470	1.5	<2	1.26	0.6	15	88	122	2.79	20
1328949		2.69	1.12	2.8	6.54	89	650	1.3	<2	1.34	2.3	10	56	143	2.89	20
1328950		0.06	<0.01	<0.5	6.05	8	470	0.7	<2	2.59	<0.5	12	53	22	3.28	10
1328951		2.60	0.55	10.6	3.96	162	870	2.7	<2	3.99	21.4	10	46	508	4.62	10
1328952		2.49	0.08	<0.5	5.79	45	710	1.1	<2	1.61	0.6	6	12	5	1.51	20
1328953		2.36	0.03	<0.5	7.13	20	780	1.2	<2	2.33	<0.5	6	11	5	1.74	20
1328954		3.32	0.01	<0.5	6.77	18	550	1.0	<2	2.43	<0.5	7	12	6	1.85	20
1328955		1.44	0.05	<0.5	6.81	24	530	0.9	<2	2.44	<0.5	6	11	8	1.88	20
1328956		1.69	0.03	<0.5	6.88	27	540	1.0	<2	2.37	<0.5	7	13	8	1.89	20
1328957		3.50	0.03	<0.5	6.86	15	380	1.2	<2	2.16	<0.5	17	114	46	3.62	20
1328958		2.52	0.39	1.0	7.18	45	470	1.6	<2	2.21	3.3	21	111	77	4.35	20
1328959		2.47	0.16	0.5	7.02	58	500	1.2	<2	1.85	5.8	18	102	68	3.98	20
1328960		0.04	4.90	71.3	5.16	47	530	0.7	<2	1.64	20.2	13	37	55	3.49	10
1328961		2.63	0.13	<0.5	7.27	43	440	1.7	<2	2.09	<0.5	21	115	52	4.27	20
1328962		3.92	0.19	<0.5	7.47	19	650	1.5	<2	1.62	<0.5	19	119	85	3.79	20
1328963		2.50	0.93	2.8	7.09	64	730	1.6	<2	0.71	7.5	20	114	111	4.33	20
1328964		2.51	0.24	0.5	6.67	60	460	1.3	2	1.47	1.0	17	104	81	3.30	20
1328965		2.59	2.03	11.5	6.10	115	470	1.2	<2	1.06	13.0	16	91	468	4.29	20
1328966		3.60	0.15	0.6	6.84	30	430	1.4	2	1.63	<0.5	19	111	62	3.59	20



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Page: 4 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
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Project: Goliath

CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
1328944		3.05	30	1.20	578	3	0.52	54	430	117	1.36	<5	12	78	<20	0.28
1328945		3.06	20	1.15	624	3	0.55	49	520	108	1.27	<5	11	60	<20	0.29
1328946		3.21	30	1.60	777	4	0.54	62	560	52	0.44	<5	13	91	<20	0.31
1328947		2.97	20	1.43	767	4	0.59	50	520	58	0.49	<5	10	87	<20	0.29
1328948		2.83	20	0.77	406	3	0.43	47	470	458	1.94	6	10	61	<20	0.25
1328949		2.67	20	0.78	495	5	0.41	29	490	233	2.57	30	7	77	<20	0.21
1328950		0.79	10	1.22	662	4	2.11	28	580	4	0.04	<5	14	278	<20	0.34
1328951		1.18	10	2.07	2020	5	0.22	26	310	1555	3.19	112	5	301	<20	0.13
1328952		2.33	10	0.88	455	3	0.42	6	390	24	0.93	<5	3	172	<20	0.16
1328953		2.77	10	1.00	382	1	0.94	7	500	40	0.71	<5	4	199	<20	0.21
1328954		2.23	10	0.80	315	1	1.67	7	490	23	0.69	<5	4	151	<20	0.18
1328955		2.21	10	0.82	338	1	1.87	9	500	32	0.87	<5	4	144	<20	0.19
1328956		2.25	10	0.81	334	1	1.90	8	520	33	0.89	<5	4	143	<20	0.19
1328957		2.17	20	1.27	644	2	1.54	56	530	33	0.93	<5	11	124	<20	0.29
1328958		2.58	30	1.26	731	3	0.98	67	530	234	2.46	<5	13	138	<20	0.29
1328959		2.51	30	1.24	832	4	1.10	52	550	104	1.94	<5	12	125	<20	0.31
1328960		0.95	10	0.78	506	6	1.86	24	570	642	0.38	92	10	234	<20	0.26
1328961		2.41	20	1.52	756	2	1.17	67	590	54	1.82	<5	13	157	<20	0.29
1328962		2.77	30	1.45	656	2	1.31	63	540	101	0.82	<5	13	127	<20	0.30
1328963		3.36	20	1.03	454	5	0.54	66	490	1255	2.96	7	14	113	<20	0.27
1328964		2.55	20	1.13	739	3	1.10	51	500	139	1.77	<5	10	109	<20	0.26
1328965		2.61	20	0.90	665	3	0.46	50	460	1780	4.10	6	9	82	<20	0.24
1328966		2.30	20	1.34	595	2	1.40	57	500	69	1.35	<5	11	133	<20	0.26



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To: TREASURY METALS INC
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Page: 4 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 15-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044212

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1328944		<10	<10	86	<10	182
1328945		<10	<10	80	<10	252
1328946		<10	<10	93	<10	125
1328947		<10	<10	77	<10	124
1328948		<10	<10	71	<10	337
1328949		<10	<10	54	<10	1020
1328950		<10	<10	110	20	58
1328951		<10	<10	38	10	8090
1328952		<10	<10	31	<10	225
1328953		<10	<10	36	<10	63
1328954		<10	<10	36	<10	58
1328955		<10	<10	36	10	116
1328956		<10	<10	37	<10	116
1328957		<10	<10	82	<10	80
1328958		<10	<10	89	<10	1180
1328959		<10	<10	87	<10	1590
1328960		<10	<10	94	40	2090
1328961		<10	<10	94	<10	182
1328962		<10	<10	92	<10	164
1328963		<10	<10	96	<10	2590
1328964		<10	<10	74	<10	359
1328965		<10	<10	70	10	4740
1328966		<10	<10	78	<10	200



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Page: 1
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CERTIFICATE TB13044214

Project: Goliath
 P.O. No.: TL13-323
 This report is for 86 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-MAR-2013.
 The following have access to data associated with this certificate:
 RORY KROCKER ADAM LARSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **TREASURY METALS INC**
ATTN: ADAM LARSEN
130 KING STREET WEST
PO BOX 99, SUITE 3680
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
1259051		4.02	0.27	2.7	7.44	47	460	1.2	<2	1.87	<0.5	6	10	23	2.21	20
1259052		4.00	0.12	0.5	7.58	41	530	1.0	<2	2.43	<0.5	6	11	13	2.04	20
1259053		2.59	0.33	0.6	7.45	85	530	1.0	<2	1.70	3.7	6	11	19	2.92	20
1259054		2.48	0.09	<0.5	7.51	56	530	1.1	<2	2.20	0.5	5	11	10	2.11	20
1259055		2.39	0.66	3.0	7.15	52	450	1.1	<2	1.86	3.2	6	10	54	2.21	20
1259056		2.60	0.29	72.4	7.05	37	470	1.1	<2	1.64	<0.5	4	9	27	1.86	20
1259057		3.30	0.05	<0.5	7.50	37	490	1.2	<2	2.35	<0.5	5	10	15	2.08	20
1259058		2.44	0.14	2.0	6.64	37	430	1.0	2	2.36	10.5	6	11	61	2.77	20
1259059		3.16	0.08	<0.5	7.44	29	470	1.1	<2	2.85	<0.5	5	10	27	1.94	20
1259060		0.06	<0.01	<0.5	6.46	8	510	0.7	<2	2.74	<0.5	11	56	23	3.53	10
1259061		3.61	0.02	<0.5	7.41	18	470	1.1	2	2.99	<0.5	5	11	3	1.92	20
1259062		3.52	0.05	<0.5	7.80	8	430	1.2	2	2.20	0.8	9	51	23	2.57	20
1259063		3.72	0.09	0.5	7.58	8	380	1.4	2	0.65	<0.5	19	124	27	4.22	20
1259064		2.44	0.15	<0.5	7.55	5	410	1.5	<2	1.18	<0.5	18	126	29	3.99	20
1259065		1.63	0.18	0.5	7.05	57	490	1.4	<2	0.70	<0.5	18	120	41	3.30	20
1259066		1.61	0.40	0.5	6.92	59	500	1.3	<2	0.75	<0.5	20	113	44	3.57	20
1259067		3.80	0.10	0.6	7.45	11	420	1.2	<2	1.66	<0.5	18	127	125	3.93	20
1259068		3.83	0.12	<0.5	7.26	21	340	1.2	<2	1.85	<0.5	16	112	49	3.71	20
1259069		4.03	0.09	0.5	7.59	15	430	1.3	<2	1.40	<0.5	21	127	59	4.01	20
1259070		0.04	4.88	75.0	5.35	46	590	0.7	<2	1.69	21.4	12	39	56	3.70	10
1259071		2.43	0.14	0.6	7.85	18	420	1.4	4	1.97	<0.5	18	124	54	3.98	20
1259072		2.74	0.24	1.2	7.36	65	500	1.2	<2	1.50	2.4	12	57	98	2.62	20
1259073		2.37	0.05	<0.5	7.50	21	450	1.2	<2	3.40	<0.5	5	9	36	2.05	20
1259074		2.46	0.20	0.9	7.41	56	540	1.3	<2	2.20	5.5	9	24	75	2.54	20
1259075		2.40	0.17	1.7	6.76	60	580	1.1	<2	1.30	4.1	6	9	23	1.96	20
1259076		2.37	0.19	0.5	6.39	62	540	1.0	<2	0.91	1.2	5	8	7	1.67	20
1259077		2.67	0.08	<0.5	6.88	55	620	1.1	<2	0.71	<0.5	7	10	3	1.86	20
1259078		2.47	0.06	<0.5	7.89	33	670	1.2	<2	2.24	<0.5	6	10	5	2.04	20
1259079		3.90	0.71	<0.5	7.57	31	500	1.4	<2	2.22	<0.5	18	88	58	3.41	20
1259080		0.06	<0.01	<0.5	6.25	<5	500	0.7	<2	2.72	<0.5	12	52	22	3.46	10
1259081		3.94	0.29	1.1	7.02	93	420	1.5	<2	1.02	1.4	18	111	68	2.91	20
1259082		2.77	0.32	0.7	6.30	84	350	1.3	<2	1.09	0.7	16	90	78	2.86	20
1259083		2.50	0.30	2.1	5.74	68	360	1.2	<2	0.71	1.7	11	87	115	1.93	20
1259084		2.64	0.19	1.1	6.02	86	570	1.4	<2	1.16	0.8	14	86	110	2.47	20
1259085		1.20	0.03	0.8	5.25	11	440	2.7	<2	3.38	0.6	10	55	56	3.06	10
1259086		1.20	0.04	1.7	5.31	7	430	2.6	<2	3.74	0.7	10	60	61	3.26	20
1259087		3.94	0.02	<0.5	6.94	7	660	2.5	<2	3.39	<0.5	5	8	12	2.49	20
1259088		3.86	0.05	<0.5	7.55	16	660	1.2	<2	3.35	0.8	6	9	12	2.38	20
1259089		3.86	0.18	<0.5	7.64	16	540	1.6	<2	2.42	1.3	17	85	42	3.56	20
1259090		0.04	0.37	2.5	7.32	43	360	0.9	<2	1.35	3.0	13	32	2450	5.52	20



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Page: 2 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
1259051		3.37	10	1.17	600	<1	0.52	7	520	96	1.62	<5	4	73	<20	0.21
1259052		3.43	10	1.23	534	<1	0.50	7	530	46	1.16	<5	4	94	<20	0.21
1259053		3.34	20	1.05	525	<1	0.47	9	520	41	2.41	<5	4	71	<20	0.20
1259054		3.26	10	1.39	769	<1	0.60	7	520	56	1.17	<5	4	94	<20	0.21
1259055		3.04	10	1.17	752	<1	0.46	7	480	382	1.54	<5	4	59	<20	0.19
1259056		3.19	10	1.05	688	<1	0.44	6	480	329	1.19	6	4	53	<20	0.19
1259057		3.20	10	1.34	658	<1	0.53	6	520	33	1.17	<5	4	73	<20	0.19
1259058		2.83	10	1.48	782	<1	0.43	6	500	214	1.82	<5	3	65	<20	0.17
1259059		3.34	10	1.61	727	<1	0.54	8	540	25	0.73	<5	4	85	<20	0.20
1259060		0.86	10	1.30	686	2	2.29	28	620	6	0.04	<5	15	299	<20	0.35
1259061		3.51	10	1.74	684	<1	0.53	8	530	16	0.45	<5	4	83	<20	0.21
1259062		3.05	20	1.77	700	<1	0.64	27	540	19	0.53	<5	7	73	<20	0.23
1259063		3.22	30	2.68	552	1	0.30	61	540	30	1.01	<5	13	42	<20	0.22
1259064		2.91	30	2.75	698	1	0.44	56	570	47	0.95	<5	12	65	<20	0.21
1259065		2.99	30	0.80	252	4	0.43	58	470	73	2.25	<5	14	53	<20	0.16
1259066		2.89	30	0.82	264	4	0.44	60	450	74	2.49	<5	13	53	<20	0.16
1259067		2.66	30	1.61	595	<1	0.89	59	560	66	1.01	<5	12	86	<20	0.25
1259068		2.31	30	1.44	584	<1	1.21	51	530	52	1.07	<5	11	91	<20	0.24
1259069		3.32	30	1.43	558	1	0.54	67	570	70	1.03	<5	13	87	<20	0.28
1259070		1.00	10	0.81	514	5	1.93	24	590	672	0.39	93	11	244	<20	0.27
1259071		3.19	30	1.46	656	<1	0.47	57	610	53	0.98	<5	13	90	<20	0.31
1259072		3.63	20	0.86	527	<1	0.37	38	510	154	1.81	<5	8	51	<20	0.25
1259073		3.19	20	1.58	1050	<1	0.50	8	540	178	0.30	<5	4	89	<20	0.20
1259074		3.34	20	1.16	757	<1	0.43	19	530	336	1.41	<5	5	65	<20	0.23
1259075		3.28	10	0.89	801	<1	0.51	8	490	546	1.47	7	4	52	<20	0.21
1259076		3.12	10	0.67	534	<1	0.36	9	450	225	1.28	<5	3	39	<20	0.19
1259077		3.40	10	0.58	370	<1	0.31	8	480	169	1.51	<5	4	44	<20	0.20
1259078		3.43	20	1.21	736	<1	0.51	7	540	30	0.98	<5	4	92	<20	0.22
1259079		3.22	30	1.51	822	<1	0.33	51	760	25	0.90	<5	11	98	<20	0.31
1259080		0.87	10	1.32	681	<1	2.29	29	620	6	0.04	<5	15	287	<20	0.35
1259081		3.33	30	0.80	404	1	0.35	56	520	178	1.94	<5	12	50	<20	0.28
1259082		2.83	30	1.18	482	3	0.37	43	480	110	1.90	<5	10	54	<20	0.23
1259083		2.75	20	0.60	279	6	0.27	35	460	285	1.62	<5	9	51	<20	0.21
1259084		2.74	20	0.89	530	3	0.36	45	450	78	2.16	<5	9	75	<20	0.22
1259085		2.33	20	1.90	1325	1	0.28	29	410	89	1.41	<5	7	114	<20	0.17
1259086		2.29	20	2.13	1560	2	0.28	33	440	148	1.54	<5	7	112	<20	0.17
1259087		2.61	20	1.70	766	<1	1.00	7	500	21	0.83	<5	4	170	<20	0.18
1259088		3.15	20	1.69	797	<1	0.84	8	520	23	0.87	<5	4	169	<20	0.21
1259089		2.93	30	1.55	698	5	1.12	48	540	98	0.75	<5	11	151	<20	0.28
1259090		2.41	10	0.84	1135	18	0.66	23	730	84	3.47	<5	8	172	<20	0.17



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Page: 2 - C
 Total # Pages: 4 (A - C)
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 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1259051		<10	<10	38	<10	212
1259052		<10	<10	38	10	67
1259053		<10	<10	37	<10	1505
1259054		<10	<10	38	<10	209
1259055		<10	<10	35	<10	1345
1259056		<10	<10	35	<10	148
1259057		<10	<10	37	<10	161
1259058		<10	<10	34	<10	3260
1259059		<10	<10	39	<10	157
1259060		<10	<10	117	20	60
1259061		<10	<10	38	<10	36
1259062		<10	<10	58	<10	110
1259063		<10	<10	92	<10	85
1259064		<10	<10	84	<10	86
1259065		<10	<10	98	<10	167
1259066		<10	<10	94	<10	123
1259067		<10	<10	90	<10	161
1259068		<10	<10	78	<10	93
1259069		<10	<10	100	<10	108
1259070		<10	<10	99	40	2110
1259071		<10	<10	96	<10	125
1259072		<10	<10	66	<10	763
1259073		<10	<10	38	<10	148
1259074		<10	<10	48	<10	1660
1259075		<10	<10	37	<10	1165
1259076		10	<10	33	<10	427
1259077		<10	<10	35	<10	140
1259078		<10	<10	40	<10	75
1259079		<10	<10	80	<10	118
1259080		<10	<10	114	20	57
1259081		<10	<10	87	<10	609
1259082		10	<10	71	<10	330
1259083		<10	<10	66	<10	614
1259084		<10	<10	72	<10	276
1259085		<10	<10	48	<10	226
1259086		<10	<10	52	10	301
1259087		<10	<10	34	10	159
1259088		<10	<10	38	<10	442
1259089		<10	<10	81	<10	672
1259090		<10	<10	70	10	659



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To: TREASURY METALS INC
 130 KING STREET WEST
 PO BOX 99, SUITE 3680
 TORONTO ON M5X 1B1

Page: 3 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1259091		3.84	0.02	<0.5	7.37	6	460	1.3	<2	2.25	<0.5	19	121	53	4.11	20
1259092		3.72	0.05	1.0	7.89	6	470	1.6	<2	1.64	0.7	19	125	56	4.46	20
1259093		2.39	0.04	<0.5	7.18	10	510	1.3	<2	2.27	<0.5	18	108	46	3.65	20
1259094		2.73	0.72	1.6	6.80	110	500	1.3	<2	1.74	7.4	21	109	77	4.88	20
1259095		2.71	0.13	<0.5	7.21	24	480	1.5	<2	1.94	<0.5	17	111	50	3.97	20
1259096		2.65	0.38	1.3	7.43	65	670	1.6	<2	1.55	0.6	20	120	95	4.31	20
1259097		2.75	0.11	<0.5	6.97	18	620	1.4	<2	1.64	0.5	15	106	147	3.37	20
1259098		2.37	0.06	<0.5	7.05	16	490	1.3	<2	2.14	<0.5	16	111	61	3.74	20
1259099		2.35	0.28	1.0	7.05	55	520	1.3	<2	1.37	2.0	10	50	61	2.81	20
1259100		0.06	<0.01	<0.5	6.41	8	500	0.7	<2	2.79	<0.5	11	53	23	3.53	10
1259101		2.64	0.05	<0.5	7.14	7	420	1.5	<2	1.80	<0.5	16	105	42	3.52	20
1259102		3.66	0.04	<0.5	7.24	<5	360	1.5	<2	1.52	<0.5	18	116	46	3.72	20
1328967		3.86	0.48	1.0	7.18	6	470	1.6	<2	1.88	<0.5	23	133	45	4.39	20
1328968		4.14	0.06	1.0	7.20	23	370	1.3	<2	2.92	0.6	17	106	65	3.95	20
1328969		3.72	0.15	1.3	7.11	80	440	1.4	<2	1.42	<0.5	19	115	48	3.77	20
1328970		0.05	<0.01	<0.5	6.07	6	470	0.7	<2	2.64	<0.5	11	50	21	3.33	10
1328971		3.76	0.20	<0.5	7.46	61	430	1.6	<2	1.83	1.1	21	123	63	4.84	20
1328972		3.73	0.04	<0.5	7.23	26	590	1.3	<2	2.31	0.5	12	57	52	2.83	20
1328973		4.13	0.03	<0.5	6.99	23	580	1.1	<2	2.59	<0.5	7	35	2	2.30	20
1328974		3.78	0.03	0.6	7.10	29	670	1.1	<2	2.32	0.9	6	23	4	2.21	20
1328975		1.82	0.06	<0.5	6.90	30	710	1.0	<2	2.12	0.7	5	5	2	1.95	20
1328976		1.60	0.02	<0.5	6.36	20	680	1.0	<2	2.34	<0.5	4	6	2	1.80	20
1328977		3.73	0.02	<0.5	6.94	10	700	1.0	<2	3.17	0.5	4	6	7	2.05	20
1328978		3.78	0.02	0.5	7.06	6	590	0.9	<2	2.46	0.5	5	6	13	1.79	20
1328979		3.76	0.04	0.5	7.28	<5	390	1.0	<2	1.81	<0.5	14	89	43	3.43	20
1328980		0.04	0.36	2.2	6.92	43	330	0.8	<2	1.29	2.8	12	29	2270	5.13	20
1328981		4.22	0.06	0.5	7.43	<5	470	1.1	<2	1.02	<0.5	20	127	51	3.95	20
1328982		2.64	0.20	2.3	7.30	25	510	1.6	<2	1.19	7.4	22	116	162	4.63	20
1328983		2.60	0.33	0.8	7.25	15	540	1.5	<2	1.22	<0.5	23	119	70	4.31	20
1328984		2.74	0.09	0.7	7.55	49	490	1.5	<2	1.44	1.4	20	125	51	4.38	20
1328985		3.54	0.06	<0.5	7.37	13	410	1.4	<2	0.77	<0.5	22	129	49	4.13	20
1328986		3.74	0.07	<0.5	6.72	32	340	1.1	<2	1.26	4.1	18	121	83	4.01	10
1328987		2.53	0.45	1.3	6.31	71	320	1.2	<2	1.17	1.2	15	104	52	3.50	20
1328988		2.49	0.08	0.6	7.03	13	350	1.4	<2	1.18	<0.5	17	117	48	2.98	20
1328989		2.41	0.73	2.2	6.67	14	310	1.6	<2	1.22	1.4	22	106	167	4.05	20
1328990		0.05	<0.01	<0.5	6.12	<5	480	0.7	<2	2.65	<0.5	11	50	21	3.38	10
1328991		3.53	0.20	<0.5	7.21	23	360	1.6	<2	1.29	<0.5	19	123	56	4.06	20
1328992		3.44	0.04	<0.5	6.73	33	500	1.2	<2	2.09	<0.5	6	12	6	1.87	20
1328993		3.38	0.04	<0.5	7.65	33	580	1.1	<2	2.34	<0.5	5	10	2	2.03	20
1328994		3.56	0.05	<0.5	7.11	31	480	0.9	<2	2.12	<0.5	6	9	11	1.91	20



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Page: 3 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
1259091		2.45	30	1.48	716	<1	1.63	60	580	33	0.72	<5	12	152	<20	0.31
1259092		2.98	30	1.61	615	<1	1.21	65	640	381	0.81	<5	14	128	<20	0.32
1259093		2.66	30	1.38	679	<1	1.27	55	560	33	0.76	<5	12	144	<20	0.30
1259094		2.91	30	1.07	621	<1	0.89	64	530	506	3.84	<5	12	129	<20	0.27
1259095		2.75	30	1.43	784	<1	1.33	61	540	44	1.00	<5	13	134	<20	0.30
1259096		3.25	30	1.31	570	<1	0.74	68	560	289	2.20	<5	14	124	<20	0.31
1259097		2.82	30	1.19	778	<1	0.84	51	510	88	1.43	<5	11	120	<20	0.27
1259098		2.81	30	1.48	864	<1	0.69	52	550	52	1.07	<5	12	130	<20	0.28
1259099		3.06	20	0.86	568	<1	0.85	30	440	414	1.69	<5	7	108	<20	0.21
1259100		0.89	10	1.35	695	1	2.35	28	630	5	0.05	<5	15	293	<20	0.36
1259101		2.46	30	1.44	510	<1	1.62	53	490	26	0.48	<5	11	123	<20	0.27
1259102		2.18	30	1.41	538	<1	1.82	59	510	22	0.49	<5	12	106	<20	0.28
1328967		2.61	30	1.42	622	<1	1.23	76	550	28	1.40	<5	15	129	<20	0.29
1328968		2.43	30	1.36	635	<1	0.74	59	490	24	2.08	<5	13	97	<20	0.24
1328969		3.09	30	1.15	604	<1	0.50	63	570	57	2.87	<5	13	81	<20	0.24
1328970		0.84	10	1.27	657	<1	2.22	27	590	3	0.05	<5	14	276	<20	0.34
1328971		3.01	30	1.66	896	<1	0.53	76	550	37	2.79	<5	15	98	<20	0.27
1328972		3.03	20	1.44	795	<1	0.63	30	560	51	1.51	<5	8	105	<20	0.24
1328973		2.84	20	1.21	582	<1	1.16	22	550	11	1.31	<5	6	103	<20	0.22
1328974		3.32	20	1.25	632	<1	0.77	13	540	64	1.14	<5	5	110	<20	0.21
1328975		3.72	20	1.14	623	<1	0.78	6	570	16	1.08	<5	3	100	<20	0.20
1328976		3.60	20	1.10	653	<1	0.79	4	560	21	0.91	<5	3	95	<20	0.20
1328977		2.89	20	1.09	744	<1	1.56	5	590	72	0.94	<5	3	119	<20	0.18
1328978		2.26	10	0.79	709	<1	1.99	5	590	94	0.66	<5	3	109	<20	0.19
1328979		2.68	30	1.54	868	<1	0.95	49	570	56	1.28	<5	11	98	<20	0.25
1328980		2.27	10	0.78	1060	16	0.61	20	700	78	3.22	<5	7	161	<20	0.16
1328981		3.36	30	1.55	746	<1	0.67	67	550	40	1.27	<5	14	73	<20	0.26
1328982		3.23	30	1.59	705	<1	0.48	74	550	228	2.38	<5	15	63	<20	0.24
1328983		2.89	30	1.44	551	<1	0.33	78	560	46	2.25	<5	15	53	<20	0.22
1328984		3.22	30	1.65	557	<1	0.42	68	510	61	2.83	<5	13	70	<20	0.23
1328985		3.26	30	2.15	558	<1	0.31	70	530	22	1.33	<5	14	50	<20	0.25
1328986		2.86	30	2.55	572	<1	0.38	59	520	49	1.89	<5	12	62	<20	0.22
1328987		2.63	30	1.52	394	<1	0.44	54	470	252	2.25	<5	11	57	<20	0.19
1328988		3.08	30	1.51	458	<1	0.45	55	530	46	0.88	<5	12	60	<20	0.25
1328989		2.99	30	1.51	476	<1	0.33	72	480	164	1.51	<5	12	55	<20	0.26
1328990		0.85	10	1.30	660	<1	2.24	26	610	2	0.05	<5	14	280	<20	0.34
1328991		3.36	30	1.84	535	<1	0.32	66	500	56	1.62	<5	14	64	<20	0.28
1328992		2.51	20	1.22	580	<1	0.57	10	460	50	1.06	<5	4	85	<20	0.19
1328993		3.50	20	1.40	653	<1	0.48	9	580	52	1.14	<5	4	83	<20	0.23
1328994		3.22	20	1.23	582	<1	0.47	7	510	58	1.15	<5	4	75	<20	0.20



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 PO BOX 99, SUITE 3680
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Page: 3 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
 Account: TREMET

Project: Goliath

CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
1259091		<10	<10	88	<10	135
1259092		<10	<10	97	<10	259
1259093		<10	<10	86	<10	70
1259094		<10	<10	84	<10	2340
1259095		<10	<10	90	<10	95
1259096		<10	<10	102	<10	329
1259097		<10	<10	82	<10	236
1259098		<10	<10	87	<10	156
1259099		<10	<10	55	<10	698
1259100		<10	<10	116	20	59
1259101		<10	<10	80	<10	100
1259102		<10	<10	87	<10	109
1328967		<10	<10	112	<10	107
1328968		<10	<10	91	<10	219
1328969		<10	<10	92	<10	128
1328970		<10	<10	108	20	55
1328971		<10	<10	104	<10	403
1328972		<10	<10	60	<10	153
1328973		<10	<10	57	<10	40
1328974		<10	<10	44	<10	249
1328975		<10	<10	34	<10	235
1328976		<10	<10	35	<10	137
1328977		<10	<10	36	<10	171
1328978		<10	<10	37	<10	154
1328979		<10	<10	79	<10	144
1328980		<10	<10	66	10	615
1328981		10	<10	103	<10	113
1328982		<10	<10	106	<10	2700
1328983		10	<10	98	<10	81
1328984		<10	<10	95	<10	401
1328985		<10	<10	102	<10	76
1328986		<10	<10	83	<10	1080
1328987		<10	<10	77	<10	451
1328988		<10	<10	87	<10	71
1328989		<10	<10	86	10	610
1328990		<10	<10	111	20	56
1328991		10	<10	94	<10	102
1328992		<10	<10	38	<10	92
1328993		<10	<10	40	<10	103
1328994		<10	<10	36	<10	156



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Page: 4 - A
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
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CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1328995		1.66	0.03	<0.5	7.01	31	520	1.0	<2	2.22	<0.5	6	10	2	1.90	20
1328996		1.78	0.06	<0.5	6.80	37	520	0.9	<2	2.09	<0.5	6	10	2	1.86	20
1328997		4.19	0.17	3.6	6.98	34	560	1.0	<2	1.70	0.9	7	10	12	2.21	20
1328998		3.86	0.08	<0.5	6.49	31	420	1.0	<2	1.74	<0.5	5	10	8	1.92	20
1328999		4.12	0.10	5.6	6.94	35	430	1.1	<2	1.71	0.5	5	9	9	1.94	20
1329000		0.04	1.79	<0.5	6.23	5	480	0.7	<2	2.71	<0.5	13	54	32	3.94	10



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Page: 4 - B
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
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CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
1328995		3.15	20	1.22	514	<1	0.49	8	500	73	1.09	<5	4	82	<20	0.20
1328996		3.14	10	1.19	500	<1	0.47	7	480	96	1.11	<5	4	78	<20	0.20
1328997		3.32	20	1.11	446	<1	0.49	9	500	357	1.70	<5	4	68	<20	0.20
1328998		2.91	10	1.12	504	<1	0.44	7	430	43	1.21	<5	3	68	<20	0.18
1328999		3.23	10	1.14	583	<1	0.49	7	500	52	1.30	<5	4	74	<20	0.20
1329000		0.88	10	1.41	711	1	2.17	29	650	2	0.04	<5	15	271	<20	0.35



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Page: 4 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 13-MAR-2013
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CERTIFICATE OF ANALYSIS TB13044214

Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
1328995		<10	<10	35	<10	76
1328996		<10	<10	35	<10	72
1328997		<10	<10	36	<10	327
1328998		<10	<10	34	<10	211
1328999		<10	<10	36	<10	269
1329000		<10	<10	121	20	65

**2015 INFILL SAMPLING PROGRAM
ACCURASSAY CERTIFICATES**

Order Number	Hole Number
15-022	TL13314
15-023	TL13325
15-066	TL13326
15-095	TL13331
15-100	TL13-303
15-103	TL13-305
15-106	TL13-301
15-109	TL13-296
15-114	TL13-333

Tuesday, April 7, 2015

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/31/2015
 Date Completed: 04/07/2015
 Job #: 201541045
 Reference: TL15-022
 Sample #: 32

Acc #	Client ID	Au g/t (ppm)
90336	367812	0.010
90337	367813	0.018
90338	367814	0.009
90339	367815	0.008
90340	367816	<0.005
90341	367817	<0.005
90342	367818	<0.005
90343	367819	0.181
90344	367820	<0.005
90345	367821	0.081
90346	367821 Dup	0.071
90347	367822	0.017
90348	367823	<0.005
90349	367824	<0.005
90350	367825	<0.005
90351	367826	<0.005
90352	367827	<0.005
90353	367828	<0.005
90354	367829	<0.005
90355	367830	5.084
90356	367831	<0.005
90357	367831 Dup	<0.005
90358	367832	<0.005
90359	367833	<0.005
90360	367834	<0.005

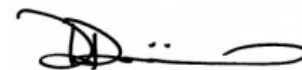
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:

 Jesse Deschutter
 Assistant Manager - Thunder Bay

Certified By:

 Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:

 Derek Demianiuk, VP Quality

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Tuesday, April 7, 2015

Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/31/2015
 Date Completed: 04/07/2015
 Job #: 201541045
 Reference: TL15-022
 Sample #: 32

Acc #	Client ID	Au g/t (ppm)
90361	367835	<0.005
90362	367836	<0.005
90363	367837	<0.005
90364	367838	0.030
90365	367839	0.079
90366	367840	<0.005
90367	367841	0.022
90368	367841 Dup	0.027
90369	367842	0.136
90370	367843	0.205


APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:


Jesse Deschutter
 Assistant Manager - Thunder Bay

Certified By:


Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:


Derek Demianiuk, VP Quality

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Final Certificate

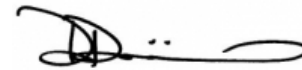
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Date Received: 03/31/2015
Date Completed: 04/07/2015
Job #: 201541045
Reference: TL15-022
Sample #: 32

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
KL01	0.398	0.394	0.011
AR02	1.518	1.575	0.088

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay**Certified By:**
Andrew Oleski
Lab Manager - Thunder Bay**Authorized By:**
Derek Demianiuk, VP Quality

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Monday, April 13, 2015

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 Date Received: 03/31/2015
 Date Completed: 04/07/2015
 Job #: 201541045
 Reference: TL15-022
 Sample #: 32

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
90336	367812	<1	4.88	11	271	<2	4	1.87	<4	8	32	13	1.44	0.74	9	1.05	655	4	49	369	23	0.05	<5	<5	<10	148	1757	<2	40	<10	5	38
90337	367813	<1	5.97	13	269	<2	5	2.34	<4	9	31	16	1.72	0.41	8	1.38	806	2	38	386	18	0.09	<5	<5	<10	145	1929	2	43	<10	6	31
90338	367814	<1	5.10	5	303	<2	4	2.14	<4	8	39	9	1.82	0.60	10	1.10	626	6	70	359	13	0.03	<5	<5	<10	148	1936	<2	47	<10	5	34
90339	367815	<1	6.57	7	370	<2	4	2.06	<4	8	52	11	1.71	0.37	13	1.23	746	7	77	410	15	0.04	<5	<5	<10	134	2177	<2	55	<10	6	31
90340	367816	<1	7.43	4	355	<2	4	2.21	<4	5	27	4	1.73	0.57	13	1.35	650	3	41	399	17	0.05	<5	5	<10	140	2109	10	43	11	6	30
90341	367817	<1	7.92	6	346	<2	4	2.15	<4	6	30	7	1.59	0.86	13	1.33	539	3	37	434	18	0.07	<5	<5	<10	145	2166	<2	42	11	6	27
90342	367818	<1	7.73	12	350	2	5	2.25	<4	6	21	7	1.55	0.49	13	1.39	653	2	33	418	18	0.06	<5	<5	<10	140	2109	<2	40	<10	6	30
90343	367819	1	6.47	8	281	<2	4	1.79	<4	6	54	17	1.94	0.88	11	1.26	691	14	105	423	21	0.05	<5	<5	<10	113	1919	3	58	<10	6	215
90344	367820	<1	6.93	3	505	<2	5	4.23	4	16	7	67	3.98	0.64	2	1.56	986	3	9	599	3	0.02	<5	<5	<10	476	2921	9	140	<10	21	55
90345	367821	2	5.37	12	189	<2	4	1.71	<4	4	40	16	1.82	0.84	10	1.39	768	8	66	322	26	0.05	<5	<5	<10	105	1426	4	40	12	6	137
90346D	367821	2	5.59	12	191	<2	3	1.70	<4	4	43	17	1.83	0.77	11	1.40	760	9	72	328	25	0.06	<5	<5	<10	103	1423	<2	42	12	6	136
90347	367822	2	5.97	9	154	<2	6	2.04	<4	6	22	26	2.12	0.79	12	2.38	1238	7	34	395	15	0.07	<5	<5	<10	102	1503	<2	32	11	7	105
90348	367823	<1	6.13	3	288	<2	6	1.65	<4	8	31	7	1.96	0.77	16	1.74	835	9	59	417	14	0.06	<5	<5	<10	114	2072	<2	47	14	5	63
90349	367824	<1	7.53	10	368	<2	4	1.40	<4	5	45	6	1.80	1.10	18	1.65	721	11	79	412	14	0.05	<5	<5	10	108	2246	<2	54	<10	5	43
90350	367825	<1	5.23	9	217	<2	6	0.87	<4	5	26	4	1.48	0.48	11	1.74	586	5	50	354	12	0.03	<5	<5	<10	80	1799	<2	40	<10	5	36
90351	367826	<1	5.32	5	215	<2	6	1.01	<4	6	21	4	1.51	0.35	12	1.83	637	3	36	352	8	0.03	<5	<5	<10	86	1818	8	36	16	5	40
90352	367827	<1	5.39	6	246	<2	3	1.23	<4	8	20	8	1.67	0.49	10	1.88	751	3	34	360	9	0.05	<5	<5	<10	89	1781	<2	35	<10	5	57
90353	367828	<1	4.52	8	206	2	5	1.23	<4	6	16	4	1.55	1.18	10	1.62	563	2	31	332	6	0.03	<5	<5	<10	89	1757	<2	35	<10	5	26
90354	367829	<1	5.88	8	275	<2	4	1.19	<4	6	19	4	1.43	0.77	9	1.48	445	3	39	362	9	0.03	<5	<5	<10	86	1823	4	39	<10	5	21
90355	367830	150	5.87	23	401	<2	6	3.12	8	15	33	105	5.12	0.71	4	1.36	942	9	26	542	17312	0.07	106	<5	<10	292	2933	3	136	10	17	311

PROCEDURE CODES: ALP1, ALFA2, ALMA1, ALSu1, ALAgMA2, ALPbMA2

 Certified By:  Jason Moore, VP Operations, Assayer

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Monday, April 13, 2015

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 03/31/2015
 Date Completed: 04/07/2015
 Job #: 201541045
 Reference: TL15-022
 Sample #: 32

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
90356	367831	<1	6.28	7	290	<2	2	1.42	<4	6	28	5	1.67	0.63	11	1.50	497	6	54	378	96	0.04	<5	<5	<10	93	1945	<2	44	<10	5	30
90357D	367831	<1	7.40	8	334	<2	5	1.67	<4	6	23	4	1.79	0.62	13	1.66	557	5	40	425	8	0.05	<5	<5	<10	103	2141	4	43	<10	6	34
90358	367832	<1	6.04	6	302	<2	5	1.60	<4	7	27	4	1.81	0.63	12	1.52	578	4	48	401	4	0.05	<5	<5	<10	100	2041	3	44	<10	5	37
90359	367833	<1	5.47	7	278	<2	4	1.73	<4	6	29	4	1.81	0.43	13	1.52	668	6	52	410	10	0.06	5	<5	<10	101	1944	<2	44	<10	5	40
90360	367834	<1	4.99	6	284	<2	4	1.44	<4	6	25	3	1.58	0.53	16	1.18	594	4	41	383	5	0.04	<5	<5	<10	95	2027	7	42	<10	4	39
90361	367835	<1	5.81	11	303	<2	5	2.43	<4	5	38	8	2.02	0.98	18	1.62	1013	9	62	373	5	0.10	<5	<5	<10	127	1907	<2	46	<10	5	23
90362	367836	<1	6.52	7	325	<2	3	1.94	<4	5	44	5	1.94	0.93	24	1.64	848	11	78	404	12	0.05	<5	<5	<10	142	2088	<2	52	<10	5	20
90363	367837	<1	7.23	9	417	<2	5	2.17	<4	5	34	7	1.99	0.84	21	1.57	791	8	64	420	14	0.05	<5	<5	<10	147	2187	7	50	<10	6	43
90364	367838	<1	4.31	10	334	<2	3	1.62	<4	4	63	19	1.69	0.81	5	0.88	429	11	92	321	15	0.05	<5	<5	<10	129	1384	2	44	<10	6	30
90365	367839	<1	7.45	25	501	<2	4	2.11	<4	6	20	12	2.02	0.73	15	1.26	612	3	34	583	28	0.22	<5	<5	<10	182	2493	7	48	10	7	44
90366	367840	<1	6.82	6	502	<2	4	4.21	4	17	6	74	3.88	0.71	3	1.54	957	2	9	586	4	0.02	<5	<5	<10	475	2910	<2	136	10	21	50
90367	367841	<1	7.16	16	512	<2	5	2.12	<4	5	19	7	1.83	0.79	14	1.21	675	3	33	569	8	0.19	<5	<5	<10	172	2469	2	47	<10	6	34
90368D	367841	<1	6.46	23	526	<2	6	2.20	<4	7	18	7	1.94	1.07	13	1.15	711	3	32	591	11	0.22	<5	<5	<10	178	2551	<2	48	<10	6	37
90369	367842	<1	6.57	20	567	<2	5	2.39	<4	6	33	9	2.03	0.90	14	1.25	764	6	58	607	12	0.14	<5	<5	<10	198	2641	<2	57	11	5	49
90370	367843	<1	6.15	27	502	<2	5	1.91	<4	7	31	12	2.12	0.84	15	1.13	653	6	57	570	15	0.24	<5	<5	<10	183	2515	<2	54	<10	5	46

PROCEDURE CODES: ALP1, ALFA2, ALMA1, ALSu1, ALAgMA2, ALPbMA2

 Certified By:  Jason Moore, VP Operations, Assayer

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Wednesday, April 8, 2015

Final Certificate

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 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 03/31/2015
 Date Completed: 04/08/2015
 Job #: 201541046
 Reference: TL15-023
 Sample #: 31

Acc #	Client ID	Au g/t (ppm)
90371	367844	0.050
90372	367845	0.031
90373	367846	0.025
90374	367847	0.042
90375	367848	0.012
90376	367849	0.015
90377	367850	0.242
90378	367851	0.070
90379	367852	0.033
90380	367853	0.008
90381	367853 Dup	<0.005
90382	367854	0.011
90383	367855	0.033
90384	367856	0.009
90385	367857	0.015
90386	367858	0.007
90387	367859	0.018
90388	367860	<0.005
90389	367861	0.054
90390	367862	0.021
90391	367863	0.052
90392	367863 Dup	0.055
90393	367864	0.033
90394	367865	0.010
90395	367866	0.010

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:



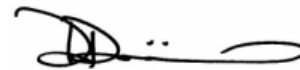
Karl Magbanua,
 Assistant Manager - Thunder Bay

Certified By:



Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:



Derek Demianiuk, VP Quality

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Wednesday, April 8, 2015


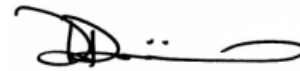
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Date Received: 03/31/2015
Date Completed: 04/08/2015
Job #: 201541046
Reference: TL15-023
Sample #: 31

Acc #	Client ID	Au g/t (ppm)
90396	367867	0.018
90397	367868	0.008
90398	367869	<0.005
90399	367870	1.395
90400	367871	<0.005
90401	367872	0.188
90402	367873	0.011
90403	367873 Dup	0.007
90404	367874	0.011

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:Karl Magbanua,
Assistant Manager - Thunder Bay**Certified By:**Andrew Oleski
Lab Manager - Thunder Bay**Authorized By:**

Derek Demianiuk, VP Quality

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Wednesday, April 8, 2015

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 Date Completed: 04/08/2015
 Job #: 201541046
 Reference: TL15-023
 Sample #: 31

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AR02	1.652	1.575	0.088
AR02	1.859	1.575	0.088
AR02	1.539	1.575	0.088
AR02	1.508	1.575	0.088

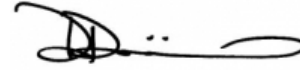
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:

 Karl Magbanua,
 Assistant Manager - Thunder Bay

Certified By:

 Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:

 Derek Demianiuk, VP Quality

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Thursday, April 9, 2015

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 Date Received: 03/31/2015
 Date Completed: 04/08/2015
 Job #: 201541046
 Reference: TL15-023
 Sample #: 31

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
90371	367844	<1	>10.00	17	501	<2	2	2.44	<4	6	31	18	1.33	2.31	31	1.04	652	9	50	399	22	0.17	5	<5	28	155	1672	<2	41	<10	5	42
90372	367845	<1	8.34	19	562	<2	3	2.13	<4	8	22	19	1.72	0.10	17	1.01	515	<1	58	502	23	0.11	<5	<5	31	155	1989	<2	50	10	6	58
90373	367846	<1	6.81	12	495	<2	9	1.75	<4	7	43	22	1.69	<0.01	12	0.88	464	4	112	454	17	0.09	<5	<5	33	132	1798	<2	60	<10	6	51
90374	367847	<1	6.17	19	407	<2	4	1.69	<4	7	25	13	1.66	<0.01	13	0.84	498	<1	58	447	11	0.13	<5	<5	30	132	1874	<2	48	<10	6	36
90375	367848	<1	6.43	8	413	<2	4	1.82	<4	6	16	10	1.53	<0.01	12	0.86	533	<1	52	418	8	0.06	<5	<5	31	133	1773	<2	43	<10	5	29
90376	367849	<1	6.72	17	411	<2	8	1.98	<4	6	12	9	1.63	<0.01	13	0.97	560	<1	45	415	11	0.14	<5	<5	31	135	1805	<2	42	<10	5	30
90377	367850	<1	5.71	59	322	<2	4	1.18	7	15	20	2700	5.24	<0.01	25	0.89	1099	8	24	739	88	1.85	<5	<5	<10	191	1106	<2	63	12	9	607
90378	367851	<1	5.86	15	312	<2	4	1.62	<4	5	20	59	1.50	<0.01	10	0.89	520	<1	58	387	47	0.17	<5	<5	<10	126	1668	4	43	<10	5	159
90379	367852	<1	6.28	19	329	<2	<1	1.80	<4	6	4	14	1.50	<0.01	10	1.01	649	<1	28	380	16	0.27	<5	<5	<10	135	1663	<2	35	<10	5	47
90380	367853	<1	6.51	8	335	<2	<1	2.34	<4	6	16	10	1.56	0.09	11	1.22	778	<1	48	399	15	0.10	<5	<5	<10	148	1757	2	42	<10	6	46
90381D	367853	<1	5.25	10	336	<2	3	2.27	<4	6	31	10	1.63	0.02	10	1.10	786	1	75	389	14	0.09	<5	<5	<10	142	1763	<2	49	<10	5	47
90382	367854	<1	7.07	6	380	<2	13	1.59	<4	7	32	19	1.64	0.17	12	1.02	582	<1	74	433	27	0.13	<5	<5	<10	122	1893	<2	53	<10	6	36
90383	367855	<1	6.04	14	320	<2	2	1.99	<4	6	34	18	1.79	0.48	12	1.22	774	3	82	401	194	0.13	<5	<5	<10	131	1747	<2	53	12	6	104
90384	367856	<1	6.48	13	333	<2	5	1.92	<4	7	31	32	1.63	<0.01	12	1.12	448	<1	81	413	23	0.09	<5	<5	<10	158	1799	<2	52	<10	6	28
90385	367857	<1	5.84	8	339	<2	4	1.74	<4	6	24	57	1.62	0.59	11	1.05	433	<1	56	391	23	0.10	<5	<5	<10	149	1803	<2	46	<10	5	24
90386	367858	<1	6.94	6	347	<2	5	1.48	<4	5	29	9	1.54	0.12	14	1.29	535	<1	68	406	13	0.05	<5	<5	<10	122	1870	2	50	<10	6	37
90387	367859	<1	6.34	13	271	<2	<1	1.40	<4	5	24	11	1.52	0.26	12	1.41	586	<1	60	395	20	0.12	<5	<5	<10	106	1681	<2	45	<10	6	58
90388	367860	<1	6.59	5	550	<2	2	4.38	4	18	<1	78	4.05	<0.01	1	1.46	925	<1	9	641	7	0.02	<5	<5	<10	511	2768	5	146	<10	21	55
90389	367861	<1	7.35	12	259	2	2	2.22	<4	9	24	8	1.54	0.63	15	1.88	934	<1	63	424	32	0.11	<5	<5	<10	129	1652	4	47	<10	6	63
90390	367862	<1	6.73	5	222	2	2	1.91	<4	8	22	9	1.78	0.29	12	2.07	1014	<1	64	379	24	0.07	5	<5	<10	119	1595	<2	44	<10	6	74

PROCEDURE CODES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By:  Jason Moore, VP Operations, Assayer

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Thursday, April 9, 2015

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
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 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
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 Date Received: 03/31/2015
 Date Completed: 04/08/2015
 Job #: 201541046
 Reference: TL15-023
 Sample #: 31

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
90391	367863	<1	6.57	4	224	2	9	1.17	<4	6	11	7	1.72	0.13	13	2.00	845	<1	39	398	23	0.07	<5	<5	<10	91	1663	5	38	<10	6	78
90392D	367863	<1	6.74	8	233	2	1	1.20	<4	6	13	7	1.76	0.20	14	2.03	862	<1	41	405	26	0.08	<5	<5	<10	93	1692	<2	39	<10	6	80
90393	367864	<1	5.81	11	253	<2	2	0.99	<4	5	23	8	1.48	<0.01	8	1.43	637	<1	65	371	22	0.15	<5	<5	<10	84	1479	4	45	<10	5	68
90394	367865	<1	6.13	7	246	<2	4	1.36	<4	5	20	6	1.69	0.03	10	1.68	764	<1	58	380	21	0.06	5	<5	<10	92	1628	<2	44	<10	5	47
90395	367866	<1	6.01	8	255	2	4	1.36	<4	6	27	6	1.71	<0.01	10	1.63	746	<1	69	377	18	0.06	<5	<5	<10	91	1636	<2	47	13	5	45
90396	367867	<1	5.84	7	265	<2	8	0.76	<4	6	12	6	1.54	<0.01	10	1.57	565	<1	41	374	17	0.09	<5	<5	<10	78	1627	3	39	<10	5	35
90397	367868	<1	5.36	12	262	<2	<1	0.92	<4	5	15	8	1.46	0.19	9	1.36	536	<1	49	387	9	0.08	<5	<5	<10	82	1628	<2	41	<10	5	29
90398	367869	<1	5.63	9	240	<2	10	1.34	<4	5	10	3	1.50	<0.01	10	1.54	606	<1	38	372	9	0.09	<5	<5	<10	89	1626	<2	38	<10	5	25
90399	367870	<1	3.93	22	493	<2	<1	2.09	<4	14	36	219	3.65	0.03	6	1.07	647	1	40	561	2	0.06	7	5	<10	264	2478	<2	101	<10	14	55
90400	367871	<1	5.62	11	276	<2	3	1.59	<4	4	20	6	1.43	0.42	9	1.22	761	<1	54	386	8	0.10	<5	<5	<10	84	1650	<2	44	<10	5	21
90401	367872	<1	5.24	22	274	<2	<1	0.97	<4	4	22	15	1.13	0.06	8	0.77	472	<1	58	345	4	0.21	<5	<5	<10	66	1482	<2	42	<10	5	12
90402	367873	<1	6.34	15	223	2	<1	2.04	<4	6	16	16	1.81	<0.01	13	1.36	956	<1	48	404	10	0.22	<5	<5	<10	83	1778	3	45	<10	6	29
90403D	367873	<1	5.84	14	225	2	3	1.96	<4	6	24	16	1.86	<0.01	12	0.97	983	<1	60	354	10	0.21	<5	<5	<10	81	1828	<2	50	<10	4	30
90404	367874	<1	6.29	17	235	2	7	1.52	<4	12	69	9	1.76	<0.01	13	1.20	912	<1	62	406	9	0.19	<5	<5	<10	79	2281	<2	67	10	8	25

PROCEDURE CODES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By:  Jason Moore, VP Operations, Assayer

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Monday, April 20, 2015

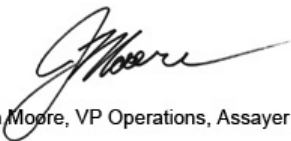
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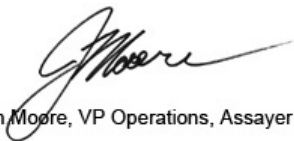
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 Fax#: (416) 599-4959
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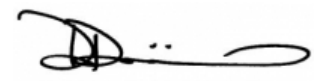
 Date Received: 04/09/2015
 Date Completed: 04/20/2015
 Job #: 201541253
 Reference: 15-066
 Sample #: 20

Acc #	Client ID	Au g/t (ppm)
104222	368828	0.242
104223	368829	0.195
104224	368830	1.422
104225	368831	0.070
104226	368832	0.096
104227	368833	0.007
104228	368834	<-0.005
104229	368835	<-0.005
104230	368836	<-0.005
104231	368837	0.007
104232	368837 Dup	0.005
104233	368838	<-0.005
104234	368839	<-0.005
104235	368840	<-0.005
104236	368841	<-0.005
104237	368842	0.010
104238	368843	0.005
104239	368844	0.012
104240	368845	<-0.005
104241	368846	<-0.005
104242	368847	<-0.005
104243	368847 Dup	<-0.005

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:
Certified By:
Authorized By:

 Jason Moore, VP Operations, Assayer


 Jason Moore, VP Operations, Assayer


 Derek Demianiuk, VP Quality

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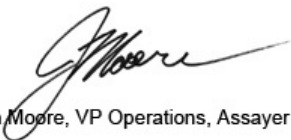
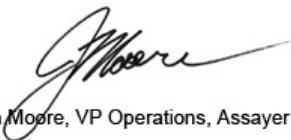
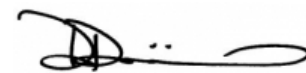
Treasury Metals Inc
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Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 04/09/2015
Date Completed: 04/20/2015
Job #: 201541253
Reference: 15-066
Sample #: 20

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AR02	1.608	1.575	0.088

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:**Certified By:****Authorized By:**
Jason Moore, VP Operations, Assayer
Jason Moore, VP Operations, Assayer
Derek Demianiuk, VP Quality

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Thursday, April 23, 2015

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 Date Received: 04/09/2015
 Date Completed: 04/20/2015
 Job #: 201541253
 Reference: 15-066
 Sample #: 20

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
104222	368828	<1	4.86	6	281	2	18	1.93	<4	5	4	7	1.67	0.46	16	1.22	636	<1	5	340	1	0.10	6	11	<10	98	1962	<2	30	10	5	41
104223	368829	<1	5.30	12	233	2	9	1.62	<4	5	<1	5	1.42	0.40	14	1.20	670	<1	5	361	<1	0.15	<5	15	<10	87	1762	<2	27	<10	6	29
104224	368830	<1	4.02	17	463	<2	27	2.09	<4	15	35	205	3.84	0.42	11	1.18	707	10	38	587	<1	0.09	7	11	10	277	2793	<2	104	20	15	57
104225	368831	52	5.18	35	216	2	20	1.33	<4	5	4	14	1.62	0.29	15	0.98	806	<1	6	388	72	0.41	<5	19	<10	89	1728	<2	28	<10	6	135
104226	368832	<1	5.05	16	294	<2	13	1.88	<4	6	<1	7	1.56	0.39	15	1.15	930	<1	4	378	16	0.16	<5	15	<10	102	1814	<2	29	12	5	44
104227	368833	<1	4.54	7	185	<2	12	1.78	<4	6	<1	4	1.54	0.28	16	1.16	880	<1	5	366	<1	0.09	<5	<5	<10	93	1794	<2	27	<10	5	24
104228	368834	<1	5.43	11	193	<2	18	1.63	<4	6	6	5	1.63	0.15	18	1.26	826	<1	6	390	<1	0.13	<5	12	11	95	1818	<2	31	<10	6	26
104229	368835	<1	4.05	8	181	<2	3	2.00	<4	5	3	3	1.50	<0.01	13	1.29	1026	<1	5	340	<1	0.22	<5	11	<10	100	1600	<2	27	<10	5	19
104230	368836	<1	4.05	4	191	<2	15	2.53	<4	6	3	5	1.65	0.19	13	1.42	1174	<1	6	370	<1	0.10	<5	19	12	111	1758	<2	28	13	5	23
104231	368837	<1	2.96	16	191	2	16	3.16	<4	5	3	4	1.83	<0.01	9	1.46	1460	<1	4	333	<1	0.20	7	13	<10	114	1560	<2	25	<10	5	19
104232D	368837	<1	4.42	13	192	<2	13	3.21	<4	5	2	4	1.85	0.02	10	1.66	1455	<1	5	346	1	0.23	6	9	<10	117	1537	<2	25	11	6	22
104233	368838	<1	4.83	5	449	2	22	2.50	<4	8	4	<1	1.77	0.33	18	0.95	301	<1	9	496	<1	0.08	8	13	<10	178	1979	<2	39	<10	6	45
104234	368839	<1	4.65	<2	528	<2	18	2.68	<4	9	2	<1	1.84	0.23	18	0.94	300	<1	8	490	<1	0.05	<5	18	<10	182	1918	<2	38	<10	6	48
104235	368840	<1	5.04	2	428	<2	29	3.59	<4	16	<1	62	3.60	0.27	2	1.34	854	<1	10	580	<1	0.06	6	<5	11	447	2591	<2	127	10	20	51
104236	368841	<1	5.93	2	496	<2	14	2.71	<4	10	9	4	1.93	0.19	17	0.92	301	<1	9	522	<1	0.08	<5	22	<10	178	2006	<2	40	16	7	48
104237	368842	<1	5.94	<2	421	<2	20	2.77	<4	9	4	3	1.92	0.26	19	1.08	354	<1	10	515	<1	0.12	<5	12	<10	163	1990	<2	38	10	7	40
104238	368843	<1	4.92	<2	477	<2	13	2.62	<4	8	1	2	1.73	0.41	19	1.06	371	<1	9	486	<1	0.07	<5	17	10	159	1992	<2	37	<10	6	37
104239	368844	<1	5.77	3	411	<2	7	2.71	<4	10	1	2	1.97	0.31	21	1.11	364	<1	9	524	<1	0.08	<5	15	<10	143	2073	<2	39	12	7	49
104240	368845	<1	6.01	3	460	2	26	2.58	<4	8	2	2	1.78	0.15	20	1.08	348	<1	10	534	<1	0.07	6	6	11	141	2108	<2	39	<10	7	59
104241	368846	<1	5.93	4	450	<2	6	2.55	<4	9	2	3	1.90	0.24	20	1.07	348	<1	10	518	<1	0.09	<5	15	<10	139	2092	<2	38	<10	7	57

PROCEDURE CODES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By:  Jason Moore, VP Operations, Assayer

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Thursday, April 23, 2015

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 Treasury Metals Inc
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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 04/09/2015
 Date Completed: 04/20/2015
 Job #: 201541253
 Reference: 15-066
 Sample #: 20

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
104242	368847	<1	5.68	6	435	<2	18	2.57	<4	8	1	1	1.77	0.18	19	1.10	338	<1	9	524	<1	0.07	5	11	<10	133	2067	<2	38	<10	7	48
104243D	368847	<1	6.04	<2	442	<2	28	2.64	<4	8	2	1	1.79	0.27	20	1.13	345	<1	8	522	<1	0.07	<5	20	<10	134	2140	<2	38	<10	7	45

PROCEDURE CODES: ALP1, ALFA2, ALMA1, ALSu1

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 Jason Moore, VP Operations, Assayer

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Tuesday, April 28, 2015

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 Ph#: (416) 599-4133
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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 04/14/2015
 Date Completed: 04/28/2015
 Job #: 201541313
 Reference: 15-095
 Sample #: 29

Acc #	Client ID	Au g/t (ppm)
106407	303400	<0.005
106408	303401	<0.005
106409	303402	0.010
106410	303403	0.025
106411	303404	0.065
106412	303405	0.025
106413	303406	0.044
106414	303407	0.065
106415	303408	0.071
106416	303409	0.065
106417	303409 Dup	0.070
106418	303410	0.288
106419	303411	0.066
106420	303412	0.110
106421	303413	0.007
106422	303414	0.021
106423	303415	0.011
106424	303416	0.014
106425	303417	<0.005
106426	303418	0.034
106427	303419	0.121
106428	303419 Dup	0.116
106429	303420	0.005
106430	303421	0.036
106431	303422	0.020

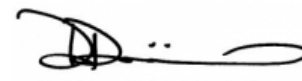
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:

 Jesse Deschutter
 Assistant Manager - Thunder Bay

Certified By:

 Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:

 Derek Demianiuk, VP Quality

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 Date Received: 04/14/2015
 Date Completed: 04/28/2015
 Job #: 201541313
 Reference: 15-095
 Sample #: 29

Acc #	Client ID	Au g/t (ppm)
106432	303423	0.027
106433	303424	0.081
106434	303425	0.055
106435	303426	0.052
106436	303427	0.033
106437	303428	0.016

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:

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Certified By:

 Andrew Oleski
 Lab Manager - Thunder Bay

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Date Received: 04/14/2015
 Date Completed: 04/28/2015
 Job #: 201541313
 Reference: 15-095
 Sample #: 29

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AR02	1.476	1.575	0.088


APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:


Jesse Deschutter
 Assistant Manager - Thunder Bay

Certified By:


Andrew Oleski
 Lab Manager - Thunder Bay

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Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
106407	303400	<1	4.39	<2	451	<2	16	3.67	<4	17	<1	61	3.61	0.17	2	1.37	857	<1	8	574	11	0.06	6	<5	<10	459	2632	<2	131	<10	20	53
106408	303401	<1	4.62	9	498	2	2	2.54	<4	9	3	8	2.01	0.10	17	1.07	540	<1	7	563	24	0.27	6	20	10	187	1767	<2	37	<10	7	56
106409	303402	<1	5.01	26	561	<2	31	1.97	<4	10	8	10	1.94	0.11	20	1.07	642	<1	8	576	45	0.47	5	16	11	177	1929	<2	37	<10	7	94
106410	303403	<1	4.66	30	560	<2	14	1.63	<4	16	62	21	2.58	0.03	23	1.07	625	<1	29	545	28	0.61	<5	20	12	176	2213	<2	67	<10	8	93
106411	303404	<1	5.54	18	489	2	27	0.76	<4	27	142	46	4.59	<0.01	24	1.39	621	<1	75	520	34	1.12	5	16	<10	159	2464	<2	117	<10	11	103
106412	303405	<1	4.85	14	451	2	22	1.78	<4	21	130	35	3.77	<0.01	18	1.24	770	<1	63	551	35	0.87	5	11	12	223	1845	<2	101	<10	11	85
106413	303406	<1	5.52	10	469	2	25	1.94	<4	23	130	36	3.85	0.02	21	1.42	880	<1	64	575	37	0.79	<5	14	<10	233	2027	<2	103	<10	12	100
106414	303407	<1	4.65	3	527	2	9	1.28	<4	24	133	47	4.03	0.45	23	1.41	988	<1	63	517	27	0.42	<5	<5	11	176	2162	<2	102	<10	11	98
106415	303408	<1	4.71	9	510	2	21	1.44	<4	22	123	41	3.42	0.39	22	1.29	848	<1	52	508	37	0.51	<5	7	10	186	2372	<2	89	<10	10	77
106416	303409	1	4.32	14	587	2	15	1.51	<4	14	69	26	2.26	0.63	18	1.13	894	<1	34	390	91	0.29	5	11	11	175	1882	<2	53	<10	12	178
106417D	303409	<1	4.38	10	587	3	20	1.52	<4	13	68	26	2.26	0.50	18	1.12	873	<1	33	384	90	0.34	6	5	14	177	1869	<2	52	<10	12	184
106418	303410	<1	4.22	45	258	2	20	1.01	5	15	17	2191	4.70	0.37	24	0.85	1038	9	19	669	80	1.43	<5	<5	10	176	1144	<2	58	11	10	561
106419	303411	<1	4.58	17	510	2	26	1.86	<4	22	108	66	3.19	0.25	16	1.25	910	<1	48	448	66	0.70	5	6	11	183	2533	<2	79	<10	13	101
106420	303412	<1	4.91	40	560	2	28	1.23	<4	21	108	52	3.23	0.23	19	1.06	597	<1	53	498	91	0.99	7	15	12	142	2541	<2	80	10	14	177
106421	303413	<1	3.63	17	529	<2	6	1.68	<4	9	3	10	1.64	0.14	13	0.83	259	<1	7	524	7	0.38	<5	12	<10	173	1740	<2	34	<10	6	43
106422	303414	<1	3.35	19	496	<2	15	1.71	<4	8	2	5	1.71	0.20	14	0.68	265	<1	7	528	11	0.31	<5	16	<10	165	1675	<2	35	<10	5	43
106423	303415	<1	4.08	23	558	<2	16	1.95	<4	9	<1	3	1.95	0.03	16	0.85	325	<1	8	542	14	0.42	<5	13	10	164	1780	<2	35	<10	6	51
106424	303416	<1	3.89	38	471	<2	21	1.81	<4	9	14	4	1.77	<0.01	11	0.95	363	<1	9	525	17	0.49	<5	16	<10	146	1581	<2	34	<10	6	72
106425	303417	<1	4.79	31	558	<2	21	1.93	<4	8	1	4	1.78	0.07	15	1.04	404	<1	8	564	16	0.48	<5	13	13	163	1894	<2	36	<10	7	40
106426	303418	<1	4.18	43	765	2	16	1.94	<4	11	17	13	2.21	0.46	16	1.07	604	<1	13	543	38	0.80	<5	13	<10	163	2061	<2	42	<10	7	207

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By:  Jason Moore, VP Operations, Assayer

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Tuesday, April 28, 2015

Final Certificate

 Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 04/14/2015
 Date Completed: 04/28/2015
 Job #: 201541313
 Reference: 15-095
 Sample #: 29

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
106427	303419	<1	4.67	86	662	2	19	1.62	<4	20	91	48	3.01	0.55	13	0.90	524	<1	42	507	36	1.06	5	18	<10	143	2460	2	77	<10	11	124
106428D	303419	<1	4.56	90	658	2	3	1.64	<4	20	95	48	3.03	0.56	13	0.90	528	<1	44	509	35	1.11	6	7	<10	143	2464	<2	78	<10	11	125
106429	303420	<1	4.61	7	461	<2	19	3.69	<4	16	<1	61	3.61	0.47	2	1.39	856	<1	9	574	10	0.08	6	13	<10	458	2630	<2	130	12	21	54
106430	303421	<1	4.12	43	483	2	14	2.49	<4	13	34	17	2.37	0.52	14	1.27	581	<1	24	508	26	0.65	5	<5	<10	153	2096	<2	50	<10	9	40
106431	303422	<1	4.25	21	584	2	27	2.76	<4	9	5	2	1.90	0.43	16	1.36	567	<1	8	526	18	0.48	<5	25	<10	156	1994	<2	36	<10	6	52
106432	303423	<1	3.98	29	495	2	28	2.03	<4	9	4	3	1.78	0.39	16	1.16	481	<1	7	508	28	0.51	6	10	<10	129	1917	<2	34	<10	6	56
106433	303424	<1	4.10	34	528	2	16	2.02	<4	16	50	31	2.19	0.29	17	1.07	520	<1	31	524	18	0.63	<5	9	<10	146	2360	<2	61	<10	8	71
106434	303425	<1	3.84	41	387	2	17	1.68	<4	10	5	13	1.69	0.16	14	0.88	373	<1	8	503	11	0.44	<5	13	<10	134	2027	<2	36	<10	6	52
106435	303426	<1	4.36	41	391	2	15	1.73	<4	9	4	11	1.69	<0.01	15	0.92	378	<1	8	525	5	0.44	<5	26	<10	137	2029	<2	35	<10	6	52
106436	303427	<1	4.22	49	407	2	23	1.58	<4	9	16	9	1.52	0.14	14	0.95	404	<1	7	509	10	0.37	<5	20	<10	112	1974	<2	33	<10	6	52
106437	303428	<1	4.61	38	368	2	14	2.16	<4	10	4	6	1.86	0.06	16	1.24	472	<1	8	536	9	0.45	6	20	10	110	1988	<2	35	<10	6	37

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By: 
 Jason Moore, VP Operations, Assayer

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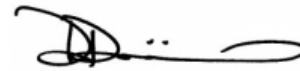
Final Certificate

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Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541370
Reference: 15-100
Sample #: 8

Acc #	Client ID	Au g/t (ppm)
112752	303464	0.034
112753	303465	0.015
112754	303466	0.013
112755	303467	0.069
112756	303468	0.013
112757	303469	0.034
112758	303470	1.491
112760	303471	0.055
112761	303471 Dup	0.048

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:Andrew Oleski
Lab Manager - Thunder Bay**Certified By:**Andrew Oleski
Lab Manager - Thunder Bay**Authorized By:**

Derek Demianiuk, VP Quality

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Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541370
Reference: 15-100
Sample #: 8

Control Standards**QC Type****QC Performance (ppm)****Mean (ppm)****Std Dev (ppm)**

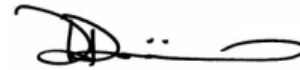
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:**Certified By:****Authorized By:**

Andrew Oleski
Lab Manager - Thunder Bay



Andrew Oleski
Lab Manager - Thunder Bay



Derek Demianiuk, VP Quality

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Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541370
Reference: 15-100
Sample #: 8

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
112752	303464	<1	5.04	27	788	2	3	1.99	<4	16	71	17	2.28	0.25	14	0.89	496	<1	31	570	20	0.47	<5	<5	<10	246	2196	6	77	<10	10	71
112753	303465	<1	4.99	17	687	2	3	2.43	<4	11	11	7	1.88	0.25	15	1.10	679	<1	9	610	18	0.34	<5	<5	<10	279	1855	9	45	<10	6	53
112754	303466	<1	5.02	14	678	2	5	2.53	<4	10	7	5	1.86	0.51	15	1.14	715	<1	8	600	24	0.33	<5	<5	<10	284	1794	9	44	<10	7	51
112755	303467	<1	3.78	17	618	2	<1	1.90	<4	11	39	11	2.10	0.34	12	1.19	604	<1	23	487	29	0.27	<5	<5	<10	247	1461	<2	46	<10	9	59
112756	303468	<1	4.06	10	682	2	7	1.42	<4	9	40	12	1.80	0.27	13	1.31	635	<1	22	405	51	0.08	<5	<5	<10	209	1315	7	39	<10	9	77
112757	303469	<1	3.57	21	572	2	4	1.54	<4	16	92	33	2.47	<0.01	11	1.12	808	<1	40	461	53	0.37	<5	<5	<10	184	1876	<2	70	<10	10	85
112758	303470	<1	2.13	24	495	<2	4	2.13	<4	15	37	195	3.58	0.13	3	1.04	642	5	36	567	13	0.08	<5	<5	<10	272	2398	<2	107	11	13	63
112760	303471	<1	3.36	33	328	2	4	2.33	<4	19	122	36	3.41	0.17	12	1.20	940	1	46	403	46	0.53	<5	<5	<10	195	2012	<2	75	<10	11	97
112761D	303471	<1	3.65	31	358	2	2	2.53	4	20	133	39	3.65	0.12	14	1.22	1006	3	50	426	40	0.60	<5	<5	<10	210	2149	6	80	<10	11	103

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Certified By: 
Jason Moore, VP Operations, Assayer

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Monday, April 27, 2015

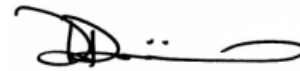
Final Certificate

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Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541373
Reference: 15-103
Sample #: 8

Acc #	Client ID	Au g/t (ppm)
112783	303492	0.019
112784	303493	0.010
112785	303494	0.010
112786	303495	0.009
112787	303496	0.029
112788	303497	0.047
112789	303498	0.056
112790	303499	0.017
112791	303499	Insufficient Sample

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:Andrew Oleski
Lab Manager - Thunder Bay**Certified By:**Andrew Oleski
Lab Manager - Thunder Bay**Authorized By:**

Derek Demianiuk, VP Quality

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Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541373
Reference: 15-103
Sample #: 8

Control Standards

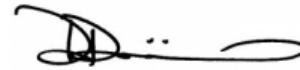
QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1			

Validated By:

Andrew Oleski
Lab Manager - Thunder Bay

Certified By:

Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:

Derek Demianiuk, VP Quality

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Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541373
Reference: 15-103
Sample #: 8

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	
112783	303492	<1	2.86	32	459	<2	3	2.31	<4	8	25	8	1.89	0.30	16	1.34	803	<1	47	504	23	0.26	<5	<5	<10	98	2003	9	56	<10	6	69	
112784	303493	<1	2.90	25	481	2	4	2.76	<4	9	20	5	1.83	0.44	14	1.20	662	<1	43	488	12	0.17	<5	5	<10	99	2054	6	54	<10	5	64	
112785	303494	<1	2.20	39	466	2	1	2.74	<4	9	21	4	1.79	0.42	10	1.09	661	<1	45	454	15	0.21	<5	<5	<10	93	1883	3	52	<10	5	55	
112786	303495	<1	2.06	25	478	2	4	2.79	<4	11	19	4	1.76	0.44	11	1.03	502	<1	41	465	10	0.15	<5	<5	<10	97	1939	6	51	11	5	56	
112787	303496	<1	2.90	20	484	2	4	2.85	<4	9	18	7	1.79	0.38	12	1.15	611	<1	34	456	12	0.22	<5	<5	<10	106	1842	<2	49	<10	5	48	
112788	303497	<1	3.22	28	511	2	3	2.94	<4	10	37	24	2.04	0.43	13	1.28	823	3	78	501	16	0.20	<5	5	<10	115	2002	11	64	<10	5	84	
112789	303498	<1	2.45	35	364	<2	2	2.62	<4	8	17	7	1.75	0.55	13	1.18	676	<1	32	440	12	0.30	<5	<5	<10	109	1673	9	47	10	5	112	
112790	303499	<1	4.12	17	501	<2	6	4.12	4	18	2	70	3.64	0.35	<1	1.26	831	<1	13	590	16	0.02	<5	<5	<10	486	2409	9	139	<10	19	61	
112791D	303499																																IS

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Certified By: 
Jason Moore, VP Operations, Assayer

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 Email: paul@treasurymetals.com, marc@treasurymetals.com

 Date Received: 04/16/2015
 Date Completed: 04/27/2015
 Job #: 201541376
 Reference: 15-106
 Sample #: 17

Acc #	Client ID	Au g/t (ppm)
112861	303565	0.313
112862	303566	0.410
112863	303567	0.080
112864	303568	0.063
112865	303569	0.071
112866	303570	0.374
112867	303571	0.032
112868	303572	0.010
112869	303573	0.009
112870	303574	0.008
112871	303574 Dup	0.009
112872	303575	0.008
112873	303576	0.047
112874	303577	7.151
112875	303578	0.083
112876	303579	0.099
112877	303580	<-0.005
112878	303581	0.162

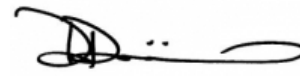
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:


 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:


 Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:


Derek Demianiuk, VP Quality

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Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541376
Reference: 15-106
Sample #: 17

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AR02	1.579	1.575	0.088

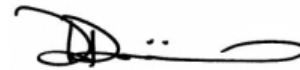
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:

Andrew Oleski
Lab Manager - Thunder Bay

Certified By:

Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:

Derek Demianiuk, VP Quality

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 Date Received: 04/16/2015
 Date Completed: 04/27/2015
 Job #: 201541376
 Reference: 15-106
 Sample #: 17

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
112861	303565	<1	3.02	37	415	2	5	1.60	9	23	121	33	3.82	0.65	16	1.27	632	<1	55	508	12	0.39	<5	<5	<10	105	2331	2	91	27	9	1547
112862	303566	<1	2.94	54	394	2	3	1.59	10	23	150	33	3.81	0.17	14	1.32	623	3	54	490	18	0.42	<5	<5	<10	100	2252	5	89	33	10	2076
112863	303567	<1	5.29	14	360	3	3	1.91	5	27	150	48	4.60	0.39	27	1.66	646	3	70	561	11	0.16	<5	<5	<10	142	2857	<2	116	<10	10	122
112864	303568	<1	4.69	23	410	3	2	2.19	5	35	133	43	4.48	0.43	19	1.49	713	2	68	537	20	0.28	<5	<5	<10	138	2120	<2	105	<10	10	100
112865	303569	<1	5.13	13	519	3	2	1.75	4	31	158	78	4.50	0.61	27	1.43	621	2	74	573	21	0.19	<5	<5	<10	136	3010	6	130	10	10	168
112866	303570	<1	4.54	74	322	2	<1	1.21	8	15	22	2512	5.15	0.21	22	0.89	1081	12	22	730	78	1.60	5	8	<10	200	1100	2	67	19	10	647
112867	303571	<1	3.99	12	418	2	5	2.14	<4	16	65	36	2.71	0.30	17	1.13	444	<1	31	536	8	0.10	<5	<5	<10	130	2284	10	66	<10	8	69
112868	303572	<1	5.00	18	491	2	5	2.68	<4	11	18	7	1.96	0.20	14	0.99	342	<1	11	555	5	0.10	<5	<5	<10	155	2001	6	47	<10	6	60
112869	303573	<1	4.64	17	580	2	2	2.62	<4	10	15	10	1.83	0.15	14	0.98	335	<1	10	531	8	0.11	<5	7	<10	150	1801	7	44	<10	6	55
112870	303574	<1	4.32	12	649	2	3	2.30	<4	8	15	6	1.75	0.33	16	0.87	311	<1	9	525	7	0.08	<5	<5	<10	157	1873	9	43	<10	6	49
112871D	303574	<1	4.49	19	651	2	2	2.30	<4	10	15	6	1.76	0.37	16	0.88	313	<1	10	531	7	0.08	<5	6	<10	158	1897	3	44	<10	6	50
112872	303575	<1	4.07	18	567	2	3	2.17	<4	9	13	7	1.68	<0.01	15	0.89	348	<1	11	497	7	0.09	<5	<5	<10	175	1826	5	41	<10	5	54
112873	303576	<1	4.34	32	682	2	5	2.81	<4	11	18	11	2.02	0.37	15	1.12	512	<1	12	540	14	0.22	<5	<5	<10	171	1949	5	44	17	6	463
112874	303577	<1	5.03	29	717	2	3	2.72	<4	10	17	12	1.99	0.04	15	1.14	546	<1	11	557	15	0.30	<5	5	<10	161	2132	9	45	<10	6	128
112875	303578	<1	5.86	37	721	2	6	2.54	<4	10	23	62	2.09	<0.01	17	1.26	580	<1	11	548	19	0.31	<5	<5	<10	153	2047	3	45	<10	7	169
112876	303579	<1	5.21	33	680	2	2	2.58	<4	11	24	49	2.02	0.28	23	1.32	595	<1	10	558	16	0.30	<5	<5	<10	151	2197	6	46	10	6	138
112877	303580	<1	4.84	8	540	<2	2	4.38	4	17	<1	68	3.84	0.39	<1	1.31	862	<1	9	600	7	0.03	<5	<5	<10	521	2528	<2	145	<10	19	59
112878	303581	<1	5.68	50	697	2	4	2.35	<4	11	22	98	1.96	0.48	20	1.13	432	<1	10	534	38	0.26	<5	<5	10	139	2076	<2	46	10	7	186

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By: 
 Jason Moore, VP Operations, Assayer

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Monday, April 27, 2015

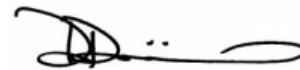
Final Certificate

Treasury Metals Inc
Exchange Tower 130 King St Suite 3680
Toronto, On, CAN
M5X 1B1
Ph#: (416) 599-4133
Fax#: (416) 599-4959
Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 04/16/2015
Date Completed: 04/27/2015
Job #: 201541379
Reference: 15-109
Sample #: 11

Acc #	Client ID	Au g/t (ppm)
112917	303617	0.021
112918	303618	0.097
112919	303619	0.083
112920	303620	0.005
112921	303621	0.083
112922	303622	0.023
112923	303623	0.061
112924	303624	0.053
112925	303625	0.160
112926	303626	0.098
112927	303626 Dup	0.126
112928	303627	0.019

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:Andrew Oleski
Lab Manager - Thunder Bay**Certified By:**Andrew Oleski
Lab Manager - Thunder Bay**Authorized By:**

Derek Demianiuk, VP Quality

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Date Completed: 04/27/2015
Job #: 201541379
Reference: 15-109
Sample #: 11

Control Standards**QC Type****QC Performance (ppm)****Mean (ppm)****Std Dev (ppm)**

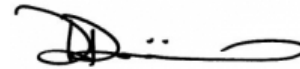
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:**Certified By:****Authorized By:**

Andrew Oleski
Lab Manager - Thunder Bay



Andrew Oleski
Lab Manager - Thunder Bay



Derek Demianiuk, VP Quality

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Tuesday, April 28, 2015

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 Date Received: 04/16/2015
 Date Completed: 04/27/2015
 Job #: 201541379
 Reference: 15-109
 Sample #: 11

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
112917	303617	<1	6.28	3	722	2	3	1.61	<4	6	55	9	2.01	0.07	15	1.49	719	4	21	421	65	0.17	<5	<5	10	215	1499	<2	35	<10	9	61
112918	303618	<1	5.42	12	461	<2	5	1.46	<4	17	136	61	3.59	<0.01	17	1.45	894	<1	57	555	67	0.64	<5	<5	<10	172	2157	8	91	<10	9	151
112919	303619	<1	6.40	22	565	2	3	1.73	<4	18	145	51	3.75	<0.01	17	1.42	923	<1	55	559	44	0.93	<5	<5	<10	161	2644	4	95	<10	13	95
112920	303620	<1	6.60	6	524	<2	3	4.12	<4	14	4	67	3.98	0.12	1	1.53	929	<1	10	613	6	0.03	<5	<5	<10	500	2793	<2	145	<10	22	51
112921	303621	8	8.31	34	756	2	1	2.11	5	26	159	95	5.14	<0.01	19	1.39	961	<1	84	711	1822	1.89	15	<5	<10	191	3480	11	138	<10	16	266
112922	303622	<1	6.55	19	644	<2	3	2.36	<4	11	38	38	2.62	0.05	14	1.28	752	<1	24	617	54	0.74	<5	<5	<10	169	2422	4	55	<10	8	70
112923	303623	<1	6.24	32	587	<2	2	1.96	<4	15	74	46	2.94	0.13	13	1.14	596	<1	39	568	39	1.03	<5	<5	<10	145	2510	<2	70	<10	10	77
112924	303624	<1	5.68	51	599	<2	1	2.71	<4	24	189	80	4.05	0.03	13	1.42	898	<1	64	587	52	1.42	<5	5	<10	148	2854	5	98	<10	15	117
112925	303625	<1	6.91	102	807	2	5	1.66	4	21	175	88	4.33	<0.01	14	0.99	590	1	77	653	88	3.13	<5	<5	10	168	2845	2	119	<10	15	312
112926	303626	<1	6.84	99	765	2	4	1.68	4	20	166	84	4.14	0.10	14	1.03	633	<1	78	638	93	2.69	<5	<5	11	169	2775	12	116	11	14	320
112927D	303626	<1	7.37	101	817	2	4	1.78	4	20	185	89	4.35	<0.01	15	1.07	674	3	79	670	99	2.69	<5	<5	<10	178	2917	5	123	<10	15	335
112928	303627	<1	6.03	28	823	<2	3	2.46	<4	10	45	17	2.31	0.02	12	1.19	663	<1	24	548	43	1.00	<5	<5	<10	190	2119	5	57	<10	8	104

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By: 
 Jason Moore, VP Operations, Assayer

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Friday, May 1, 2015

Final Certificate

Treasury Metals Inc
 Exchange Tower 130 King St Suite 3680
 Toronto, On, CAN
 M5X 1B1
 Ph#: (416) 599-4133
 Fax#: (416) 599-4959
 Email: paul@treasurymetals.com, marc@treasurymetals.com

Date Received: 04/20/2015
 Date Completed: 05/01/2015
 Job #: 201541429
 Reference: 15-114
 Sample #: 21

Acc #	Client ID	Au g/t (ppm)
117169	303759	0.021
117170	303760	0.009
117171	303761	0.033
117172	303762	0.013
117173	303763	0.024
117174	303764	0.016
117175	303765	0.020
117176	303766	0.020
117177	303767	0.013
117178	303768	0.023
117179	303768 Dup	0.015
117180	303769	0.045
117181	303770	1.589
117182	303771	0.030
117183	303772	0.114
117184	303773	0.151
117185	303774	0.037
117186	303775	0.088
117187	303776	0.051
117188	303777	0.019
117189	303778	0.017
117190	303778 Dup	0.017
117191	303779	0.037

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:



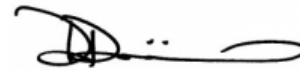
Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:



Derek Demianiuk, VP Quality

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Date Received: 04/20/2015
Date Completed: 05/01/2015
Job #: 201541429
Reference: 15-114
Sample #: 21

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AR02	1.543	1.575	0.088

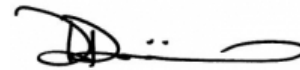
APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Validated By:

Andrew Oleski
Lab Manager - Thunder Bay

Certified By:

Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:

Derek Demianiuk, VP Quality

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 Job #: 201541429
 Reference: 15-114
 Sample #: 21

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
117169	303759	<1	6.14	44	635	<2	<1	2.16	<4	21	138	24	3.64	0.20	22	1.09	568	<1	54	558	<1	0.80	<5	8	<10	231	2892	<2	101	<10	15	47
117170	303760	<1	5.21	24	533	<2	<1	4.20	<4	18	2	75	4.15	<0.01	3	1.47	982	<1	8	633	<1	0.06	<5	14	11	512	2968	<2	147	<10	22	61
117171	303761	<1	5.13	42	662	<2	<1	2.23	<4	23	148	23	3.79	0.43	23	1.03	591	<1	57	531	3	0.86	<5	9	12	235	2979	<2	106	<10	13	53
117172	303762	1	5.60	<2	754	2	<1	1.91	<4	17	93	20	3.37	0.35	25	1.00	595	<1	42	578	<1	0.52	<5	6	10	218	2894	<2	89	<10	10	85
117173	303763	<1	4.54	26	660	<2	<1	2.13	<4	10	11	4	2.23	0.52	20	1.01	578	<1	8	555	10	0.70	8	5	<10	188	2168	<2	41	<10	6	75
117174	303764	<1	4.56	27	694	<2	<1	2.52	<4	9	10	5	2.14	0.42	21	1.08	622	<1	8	542	6	0.63	<5	14	<10	189	1899	<2	39	<10	6	48
117175	303765	<1	3.79	14	713	<2	<1	2.47	<4	9	13	5	2.11	0.58	21	1.13	756	<1	7	523	<1	0.58	<5	16	13	186	1890	<2	39	<10	5	45
117176	303766	<1	3.40	31	602	<2	<1	2.20	<4	7	28	11	2.11	0.31	16	1.01	727	1	8	496	<1	0.49	<5	8	10	196	1747	<2	35	<10	6	34
117177	303767	<1	3.70	15	599	<2	<1	1.83	<4	9	6	7	1.76	0.48	17	0.87	521	<1	8	542	<1	0.43	<5	15	<10	198	2038	<2	38	<10	5	59
117178	303768	<1	3.44	14	613	<2	<1	1.88	<4	11	18	7	2.16	0.36	19	0.90	591	<1	13	556	2	0.47	<5	13	13	205	2234	<2	46	<10	5	45
117179D	303768	<1	3.37	31	595	<2	<1	1.81	<4	11	20	7	2.11	0.24	18	0.89	578	<1	12	572	<1	0.46	<5	<5	11	199	2196	<2	45	<10	5	49
117180	303769	1	2.98	13	411	<2	<1	1.89	<4	20	143	61	3.46	<0.01	20	1.15	795	<1	59	526	16	0.55	<5	6	11	204	2701	<2	97	<10	9	85
117181	303770	<1	3.78	24	499	<2	<1	2.19	<4	16	44	207	3.95	0.26	9	1.23	725	7	39	600	<1	0.11	<5	7	12	281	2760	<2	108	11	15	63
117182	303771	<1	4.24	5	509	<2	<1	1.22	<4	26	161	57	4.54	0.48	27	1.47	1074	<1	71	517	19	0.35	<5	9	12	170	3525	<2	123	<10	9	108
117183	303772	<1	4.09	8	632	<2	<1	1.27	<4	24	149	67	3.94	0.37	24	1.21	970	<1	62	517	51	0.57	<5	18	13	182	2663	<2	108	<10	8	140
117184	303773	<1	3.96	32	680	2	<1	1.83	<4	24	155	60	3.97	0.46	23	1.20	1131	<1	63	496	36	0.70	5	6	<10	208	2966	<2	102	<10	11	106
117185	303774	<1	3.87	3	556	2	<1	1.84	<4	13	78	18	2.33	0.73	18	1.09	807	1	33	390	15	0.24	<5	7	<10	152	1986	<2	52	<10	10	60
117186	303775	<1	4.28	38	598	2	<1	1.74	<4	23	139	42	3.55	0.62	19	1.09	739	<1	59	479	8	0.74	<5	13	13	142	2976	<2	92	<10	12	60
117187	303776	<1	4.03	33	779	<2	<1	1.88	<4	28	97	53	3.53	0.50	18	0.95	543	<1	48	392	6	1.06	<5	<5	14	165	2499	<2	84	<10	9	53
117188	303777	<1	3.97	31	547	<2	<1	1.82	<4	11	6	11	2.06	0.36	14	0.81	312	<1	8	549	<1	0.60	<5	14	12	181	1762	<2	40	<10	6	50

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

 Certified By: 
 Jason Moore, VP Operations, Assayer

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Friday, May 1, 2015

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 Job #: 201541429
 Reference: 15-114
 Sample #: 21

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
117189	303778	<1	3.75	34	528	<2	<1	2.31	<4	10	22	15	2.32	0.42	15	1.04	499	<1	14	572	<1	0.70	<5	12	12	184	1854	<2	46	<10	7	70
117190D	303778	<1	4.31	39	524	<2	<1	2.32	<4	10	24	14	2.32	0.18	15	1.08	498	<1	13	583	<1	0.67	<5	11	10	185	1838	<2	46	<10	7	69
117191	303779	<1	5.44	67	780	<2	<1	1.78	<4	12	27	13	2.20	0.06	18	1.07	511	<1	17	589	16	0.86	<5	14	13	170	2236	<2	48	<10	8	91

APPLIED SCOPES: ALP1, ALFA2, ALMA1, ALSu1

Certified By:  Jason Moore, VP Operations, Assayer

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**2015 CYANIDE BOTTLE ROLL PROGRAM
ACCURASSAY CERTIFICATES**

Order Number	Hole Number
15-060CN	TL13298, TL13305, TL13313
15-122CN	TL13300
15-123CN	TL13299
15-127CN	TL13298
15-128CN	TL13296
15-133CN	TL13297
15-134CN	TL13324
15-135CN	TL13325
15-136CN	TL13328
15-137CN	TL13327
15-138CN	TL13326
15-139CN	TL13330
15-140CN	TL13331
15-141CN	TL13332
15-150CN	TL13333
15-152CN	TL13334
15-162CN	TL13312
15-165CN	TL13316
15-168CN	TL13322
15-170CN	TL13318
15-171CN	TL13319
15-172CN	TL13323

Treasury Metals Inc
Date Created: 15-03-18 09:41:43 AM
Job Number: 201540702
Date Received: 02/28/2015
Number of Samples: 69
Type of Sample: Reject's
Date Completed: 03/24/2015

Final Certificate

Project ID:	CN- Solution	Residue	Sample	CN- Solution	Au Content	Au Content	Au Content	Calculated	Original (ALFA1)	CN- Extraction	
TL15-003CN	(ALFA2)	Mass	Volume	Solution	Solid	Total	Head Grade	Head Grade	Head Grade	Percentage	
Reading	Client ID	mg/L	ppm (g/t)	g	ml	mg	mg	mg	ppm (g/t)	ppm (g/t)	%
59024	363172	0.399	0.022	916.08	1500	0.599	0.020	0.619	0.675	0.542	96.7%
59025	363173	1.211	0.177	797.09	1500	1.817	0.141	1.958	2.456	1.542	92.8%
59026	363174	0.580	0.126	1039.21	1500	0.869	0.131	1.001	0.963	0.359	86.9%
59029	363283	0.310	0.059	940.5	1500	0.465	0.056	0.520	0.553	0.307	89.3%
59030	363284	0.479	0.064	845.22	1500	0.718	0.054	0.772	0.913	1.210	93.0%
59031	363285	0.602	0.089	1196.4	1500	0.902	0.107	1.009	0.844	0.667	89.4%
59032	363362	0.518	0.076	709.19	1500	0.776	0.054	0.831	1.171	1.104	93.5%
59033	363363	0.257	0.030	1049.2	1500	0.386	0.031	0.417	0.397	0.241	92.5%
59034	363364	1.456	0.160	830.27	1500	2.184	0.133	2.317	2.790	3.411	94.3%
124252	363364	1.0307	0.228	878.63	1550	1.546	0.200	1.746	1.988	3.411	88.5%
	Dup										
59035	363538	0.359	0.056	894.95	1500	0.539	0.050	0.589	0.658	0.575	91.5%
59036	363539	1.207	0.078	790.39	1500	1.811	0.062	1.873	2.369	1.986	96.7%
59037	363549	0.636	0.068	833.58	1500	0.954	0.057	1.011	1.213	0.890	94.4%
59038	363551	0.435	0.070	900.14	1500	0.653	0.063	0.716	0.795	0.532	91.3%
59039	363552	0.685	0.459	849.25	1500	1.027	0.390	1.418	1.669	1.374	72.5%
59042	363718	0.348	0.089	874.8	1500	0.522	0.078	0.600	0.686	0.519	87.1%
59043	363719	0.188	0.145	918.21	1500	0.282	0.133	0.415	0.452	0.162	68.0%
59044	363721	0.339	0.106	1006.21	1500	0.508	0.106	0.615	0.611	0.428	82.7%
59045	363722	1.059	1.164	869.91	1500	1.589	1.012	2.601	2.990	1.500	61.1%
59046	363723	0.441	0.079	828.25	1500	0.661	0.066	0.727	0.878	0.525	91.0%
59047	363827	0.527	0.179	997.91	1500	0.791	0.178	0.970	0.972	0.638	81.6%
124253	363827	0.34	0.271	1002.28	1550	0.510	0.272	0.782	0.780	0.638	65.2%
	Dup										
59050	364117	0.420	0.099	817.58	1500	0.630	0.081	0.711	0.870	0.699	88.6%
59051	364118	1.089	0.278	830.94	1500	1.633	0.231	1.864	2.243	2.319	87.6%
59052	364119	0.375	0.094	924.67	1500	0.562	0.086	0.649	0.702	0.552	86.7%
59053	364121	0.076	0.016	771.13	1500	0.114	0.012	0.127	0.164	0.058	90.2%
59054	364122	1.002	0.176	872.59	1500	1.503	0.154	1.657	1.899	1.607	90.7%
59055	364123	0.718	0.123	1072.54	1500	1.077	0.132	1.209	1.127	0.722	89.1%
59056	364124	0.262	0.053	892.31	1500	0.393	0.047	0.440	0.493	0.402	89.3%
59057	364137	0.249	0.108	862.45	1500	0.374	0.094	0.468	0.542	0.555	80.0%
59058	364138	0.501	0.082	839.1	1500	0.752	0.069	0.821	0.978	0.795	91.6%
59059	364139	0.167	0.034	973.71	1500	0.251	0.034	0.284	0.292	0.189	88.2%
59060	364141	0.489	0.152	848.26	1500	0.733	0.129	0.862	1.017	0.903	85.0%
59061	364142	0.178	0.039	892.12	1500	0.267	0.035	0.302	0.339	0.169	88.4%
59062	364143	1.782	0.475	883.87	1500	2.673	0.420	3.093	3.499	4.705	86.4%
59063	364148	0.352	0.129	859.55	1500	0.528	0.111	0.639	0.743	0.521	82.6%
59064	364149	0.316	0.089	1132.06	1500	0.473	0.101	0.574	0.507	0.382	82.4%
59065	364151	0.133	0.034	797.6	1500	0.199	0.027	0.226	0.284	0.161	87.9%
59066	364152	0.699	0.108	953.05	1500	1.049	0.103	1.152	1.208	1.239	91.1%
124254	364152	0.3992	0.215	842.83	1550	0.599	0.181	0.780	0.925	1.239	76.8%
	Dup										
59067	364153	1.563	0.180	968.74	1500	2.345	0.174	2.519	2.600	2.473	93.1%
59068	364154	2.088	0.249	971.84	1500	3.132	0.242	3.374	3.471	2.95	92.8%
59069	364155	0.188	0.022	818.33	1500	0.282	0.018	0.300	0.367	0.367	94.0%
59070	364156	0.113	0.026	936.32	1500	0.170	0.025	0.194	0.208	0.158	87.2%
59071	364157	0.472	0.084	984.34	1500	0.708	0.082	0.791	0.803	1.568	89.6%
59072	364158	0.124	0.031	1029.67	1500	0.186	0.032	0.218	0.212	0.218	85.3%
59073	364159	0.334	0.103	1099.47	1500	0.501	0.114	0.615	0.559	0.684	81.5%
59074	364161	0.002	0.018	1015.91	1500	0.003	0.018	0.021	0.021	0.043	14.1%
59075	364162	0.484	0.140	780.68	1500	0.726	0.109	0.835	1.070	1.303	86.9%
59076	364163	0.002	0.023	742.69	1500	0.003	0.017	0.020	0.027	0.03	14.9%
59077	364302	0.352	0.284	1131.23	1500	0.528	0.321	0.849	0.751	0.652	62.2%
59078	364303	0.213	0.081	1366.82	1500	0.320	0.111	0.430	0.315	0.249	74.3%
59079	364304	1.864	0.406	1047.28	1500	2.796	0.425	3.221	3.075	2.624	86.8%
59081	364306	0.288	0.136	571.47	1500	0.432	0.078	0.510	0.892	0.504	84.7%
59082	364307	0.254	0.084	772.96	1500	0.381	0.065	0.446	0.577	0.747	85.4%
59083	364308	1.065	0.449	867.39	1500	1.598	0.389	1.987	2.290	1.938	80.4%

Certified By:  Jason Moore VP Operations



Treasury Metals Inc
 Date Created: 15-03-18 09:41:43 AM
 Job Number: 201540702
 Date Received: 02/28/2015
 Number of Samples: 69
 Type of Sample: Reject's
 Date Completed: 03/24/2015

Final Certificate

Project ID:	CN- Solution	Residue	Sample	CN- Solution	Au Content	Au Content	Au Content	Calculated	Original (ALFA1)	CN- Extraction	
TL15-003CN									(ALFA1)	Percentage	
Reading	(ALFA2)	Mass	Volume	Solution	Solid	Total	Head Grade	Head Grade	Head Grade	%	
Acc #	Client ID	mg/L	ppm (g/t)	g	ml	mg	mg	mg	ppm (g/t)	ppm (g/t)	
59084	364309	1.282	0.294	965.86	1500	1.923	0.284	2.207	2.285	2.292	87.1%
59085	364311	0.304	0.095	1159.96	1500	0.456	0.110	0.566	0.488	0.51	80.6%
124255	364311	0.3226	0.097	1165.45	1550	0.484	0.113	0.597	0.512	0.51	81.1%
	Dup										
59087	364313	0.299	0.201	935.3	1500	0.449	0.188	0.636	0.680	0.789	70.5%
59088	364489	0.204	0.467	932.1	1500	0.306	0.435	0.741	0.795	0.658	41.3%
59089	364491	0.196	0.139	1566.33	1500	0.294	0.217	0.511	0.326	0.417	57.5%
59090	364492	0.125	0.026	1115.52	1500	0.188	0.029	0.217	0.194	0.174	86.5%
59091	364493	0.356	0.031	783.25	1500	0.534	0.024	0.558	0.712	1.001	95.7%
59092	364494	0.439	0.190	809.77	1500	0.659	0.154	0.813	1.003	1.085	81.0%
59093	364495	0.137	0.038	761.7	1500	0.206	0.029	0.235	0.308	0.627	87.6%
124256	364495	0.2815	0.145	1255.93	1550	0.422	0.182	0.604	0.481	0.627	69.9%
	Dup										
BLANK	0.001	0.001	1003.91	1500	0.002	0.001	0.003	0.003	0.002	0.002	59.9%
ARO1	1.074	0.275	1001.28	1500	1.611	0.275	1.886	1.884	1.729	1.729	85.4%

Certified By:  Jason Moore VP Operations

Treasury Metals Inc
Date Created: 15-04-26 06:27:32 PM
Job Number: 201541080
Date Received: 04/01/2015
Number of Samples: 97
Type of Sample: Reject's
Date Completed: 04/26/2015

Final Certificate

Project ID:	CN- Solution	Residue	Sample	CN- Solution	Au Content	Au Content	Au Content	Calculated	Original (ALFA1)	CN- Extraction	
15-042CN	(ALFA2)	Mass	Volume	Solution	Solid	Total	Head Grade	Head Grade	Head Grade	Percentage	
Reading	Client ID	mg/L	ppm (g/t)	g	ml	mg	mg	mg	ppm (g/t)	ppm (g/t)	%
93209	365416	0.5095	0.144	765.26	1550	0.764	0.110	0.874	1.143	2.054	87.4%
93210	365417	0.0086	0.019	515.4	1550	0.013	0.010	0.023	0.044	0.055	56.8%
93211	365418	0.0029	0.015	918.41	1550	0.004	0.014	0.018	0.020	0.039	24.0%
93212	365419	0.8788	0.201	1035.86	1550	1.318	0.208	1.526	1.474	1.920	86.4%
93213				365420				Insufficient Sample			
93214	365421	0.4007	0.188	804.6	1550	0.601	0.151	0.752	0.935	0.864	79.9%
93215	365422	0.2733	0.059	862.15	1550	0.410	0.051	0.461	0.534	0.748	89.0%
93216	365423	0.1011	0.069	915.75	1550	0.152	0.063	0.215	0.235	0.226	70.6%
93217	365424	-0.0334	0.005	823.77	1550	-0.050	0.004	-0.046	<0.005	0.027	109.0%
93218	365425	-0.014	0.02	727.17	1550	-0.021	0.015	-0.006	<0.005	0.126	325.2%
93220	365427	0.0409	0.028	850.87	1550	0.061	0.024	0.085	0.100	0.212	72.0%
93221	365428	0.0157	0.009	871.67	1550	0.024	0.008	0.031	0.036	0.059	75.0%
93222	365429	0.0688	0.028	825.53	1550	0.103	0.023	0.126	0.153	0.146	81.7%
93223				365430				Insufficient Sample			
93224	365431	0.0829	0.035	1024.97	1550	0.124	0.036	0.160	0.156	0.234	77.6%
93225	365525	0.0575	0.071	312.89	1550	0.086	0.022	0.108	0.347	0.795	79.5%
93226	365527	0.4032	0.082	773.24	1550	0.605	0.063	0.668	0.864	0.819	90.5%
93227	365528	0.0548	0.043	1012.01	1550	0.082	0.044	0.126	0.124	0.241	65.4%
120433	365528 dup	0.0139	0.023		933.88	1550	0.021	0.021	0.042	0.045	49.3%
93228	365529	0.1332	0.043	893.03	1550	0.200	0.038	0.238	0.267	0.243	83.9%
93229				365530				Insufficient Sample			
93231	365531	0.1658	0.04	1028	1550	0.249	0.041	0.290	0.282	0.162	85.8%
93232	365532	0.0398	0.03	967.2	1550	0.060	0.029	0.089	0.092	0.157	67.3%
93233	365533	0.3423	0.05	1017.45	1550	0.513	0.051	0.564	0.555	0.526	91.0%
93234	365534	2.476	0.451	889.18	1550	3.714	0.401	4.115	4.628	3.855	90.3%
93235	365535	0.255	0.092	959.06	1550	0.383	0.088	0.471	0.491	0.411	81.3%
93236	365536	0.1594	0.054	976.12	1550	0.239	0.053	0.292	0.299	0.286	81.9%
93237	365537	0.3687	0.105	825.22	1550	0.553	0.087	0.640	0.775	0.702	86.5%
93238	365538	0.0347	0.037	880.89	1550	0.052	0.033	0.085	0.096	0.117	61.5%
93239	365539	0.0425	0.031	844.95	1550	0.064	0.026	0.090	0.106	0.143	70.9%
93240				365540				Insufficient Sample			
93242	365541	0.0676	0.044	892.75	1550	0.101	0.039	0.141	0.158	0.165	72.1%
93243	365542	-0.0015	0.041	920.07	1550	-0.002	0.038	0.035	0.039	0.094	-6.3%
93244	365543	-0.0126	0.038	784.52	1550	-0.019	0.030	0.011	0.014	0.055	-173.2%
93245	365544	0.7695	0.183	826.34	1550	1.154	0.151	1.305	1.580	0.861	88.4%
93246	365545	1.0765	0.284	919.93	1550	1.615	0.261	1.876	2.039	1.714	86.1%
120434	365545 dup	0.7884	0.514		1028.68	1550	1.183	0.529	1.711	1.664	69.1%
93247	365546	-0.0088	0.087	884.85	1550	-0.013	0.077	0.064	0.072	0.151	-20.7%
93248	365547	0.0012	0.037	948.77	1550	0.002	0.035	0.037	0.039	0.089	4.9%
93249	365548	0.1102	0.048	935.52	1550	0.165	0.045	0.210	0.225	0.235	78.6%
93250	365549	0.728	0.208	814.11	1550	1.092	0.169	1.261	1.549	1.270	86.6%
93251	365583	-0.0397	0.005	767.52	1550	-0.060	0.004	-0.056	<0.005	0.014	106.9%
93253	365584	-0.0233	0.014	822.87	1550	-0.035	0.012	-0.023	<0.005	0.078	149.2%
93254	365585	0.8298	0.142	508.77	1550	1.245	0.072	1.317	2.588	2.513	94.5%
93255	365587	0.1077	0.057	885.94	1550	0.162	0.050	0.212	0.239	0.314	76.2%
93256	365588	0.2164	0.071	1136.25	1550	0.325	0.081	0.405	0.357	0.419	80.1%
93257	365589	-0.0398	0.014	1106.24	1550	-0.060	0.015	-0.044	<0.005	0.036	135.0%
93258				365590				Insufficient Sample			
93259	365591	-0.0331	0.007	164.04	1550	-0.050	0.001	-0.049	<0.005	0.009	102.4%
93260	365592	0.0312	0.005	868.82	1550	0.047	0.004	0.051	0.059	0.876	91.5%
93261	365593	0.0558	0.034	791.57	1550	0.084	0.027	0.111	0.140	0.289	75.7%
93262	365594	0.1823	0.049	742.68	1550	0.273	0.036	0.310	0.417	0.367	88.3%
93264	365595	-0.0482	0.005	952.86	1550	-0.072	0.005	-0.068	<0.005	0.026	107.1%
120435	365595 dup	-0.036	0.013		1108.89	1550	-0.054	0.014	-0.040	<0.005	136.4%
93265	365596	0.0037	0.017	906.75	1550	0.006	0.015	0.021	0.023	0.068	26.5%
93266	365597	-0.0192	0.028	843.91	1550	-0.029	0.024	-0.005	<0.005	0.054	557.0%

Certified By: 

Jason Moore VP Operations

Treasury Metals Inc
Date Created: 15-04-26 06:27:32 PM
Job Number: 201541080
Date Received: 04/01/2015
Number of Samples: 97
Type of Sample: Reject's
Date Completed: 04/26/2015

Final Certificate

Project ID:	CN- Solution	Residue	Sample	CN- Solution	Au Content	Au Content	Au Content	Calculated	Original (ALFA1)	CN- Extraction	
15-042CN	(ALFA2)	Mass	Volume	Solution	Solid	Total	Head Grade	Head Grade	Head Grade	Percentage	
Reading	Client ID	mg/L	ppm (g/t)	g	ml	mg	mg	mg	ppm (g/t)	ppm (g/t)	%
93267	365598	0.1313	0.059	861.02	1550	0.197	0.051	0.248	0.288	0.284	79.5%
93268	365599	0.1323	0.075	785.74	1550	0.198	0.059	0.257	0.328	0.301	77.1%
93269				365600				Insufficient Sample			
93270	365601	-0.0233	0.017	772.42	1550	-0.035	0.013	-0.022	<0.005	0.051	160.2%
93271	365602	-0.0317	0.005	802.62	1550	-0.048	0.004	-0.044	<0.005	0.021	109.2%
93272	365603	-0.0392	0.011	908.34	1550	-0.059	0.010	-0.049	<0.005	0.038	120.5%
93273	365604	-0.0131	0.019	713.8	1550	-0.020	0.014	-0.006	<0.005	0.021	322.8%
93275	365605	0.1203	0.082	995.93	1550	0.180	0.082	0.262	0.263	0.918	68.8%
93276	365607	0.1823	0.127	895.6	1550	0.273	0.114	0.387	0.432	0.348	70.6%
93277	365608	0.136	0.097	898.57	1550	0.204	0.087	0.291	0.324	0.231	70.1%
93278	365609	0.0924	0.041	935.53	1550	0.139	0.038	0.177	0.189	0.409	78.3%
93279	365674	0.052	0.039	838.51	1550	0.078	0.033	0.111	0.132	0.120	70.5%
93280	365675	0.1194	0.08	944.07	1550	0.179	0.076	0.255	0.270	0.229	70.3%
93281	365676	0.0799	0.093	914.7	1550	0.120	0.085	0.205	0.224	0.273	58.5%
93282	365677	0.0392	0.035	1098.69	1550	0.059	0.038	0.097	0.089	0.108	60.5%
93283	365678	0.2183	0.101	831.35	1550	0.327	0.084	0.411	0.495	0.341	79.6%
93284	365679	-0.002	0.035	1060.16	1550	-0.003	0.037	0.034	0.032	0.066	-8.8%
93286				365680				Insufficient Sample			
93287	365681	0.4376	0.159	1118.9	1550	0.656	0.178	0.834	0.746	0.745	78.7%
120436	365681 dup	0.3299	0.103	1178.56	1550	0.495	0.121	0.616	0.523	0.523	80.3%
93288	365682	-0.0362	0.017	1051.64	1550	-0.054	0.018	-0.036	<0.005	0.040	149.1%
93289	365683	-0.0276	0.015	859.49	1550	-0.041	0.013	-0.029	<0.005	0.027	145.2%
93290	365684	0.0592	0.033	944.12	1550	0.089	0.031	0.120	0.127	0.165	74.0%
93291	365685	0.1019	0.052	544.8	1550	0.153	0.028	0.181	0.333	0.356	84.4%
93292	365687	0.0637	0.05	803.23	1550	0.096	0.040	0.136	0.169	0.409	70.4%
93293	365688	0.606	0.228	857.88	1550	0.909	0.196	1.105	1.288	0.658	82.3%
93294	365772	1.5977	0.314	1087.49	1550	2.397	0.341	2.738	2.518	0.435	87.5%
93295	365773	0.5674	0.15	975.91	1550	0.851	0.146	0.997	1.022	2.248	85.3%
93297	365774	1.3743	0.273	1093.19	1550	2.061	0.298	2.360	2.159	3.671	87.4%
93298	365775	0.1742	0.136	1086.26	1550	0.261	0.148	0.409	0.377	0.274	63.9%
93299	365776	0.0828	0.067	1000.62	1550	0.124	0.067	0.191	0.191	0.121	64.9%
93300	365777	0.2424	0.089	1059.78	1550	0.364	0.094	0.458	0.432	0.299	79.4%
93301	365778	0.2767	0.121	1017.45	1550	0.415	0.123	0.538	0.529	0.437	77.1%
93302	365781	0.0368	0.058	939.2	1550	0.055	0.054	0.110	0.117	0.158	50.3%
93303	365782	0.0031	0.03	1078.24	1550	0.005	0.032	0.037	0.034	0.060	12.6%
120437	365782 dup	-0.0258	0.028	1141.08	1550	-0.039	0.032	0.032	-0.007	<0.005	573.4%
93304	365783	0.0058	0.021	1068.05	1550	0.009	0.022	0.031	0.029	0.055	27.9%
93305	365784	0.7245	0.154	918.78	1550	1.087	0.141	1.228	1.337	1.182	88.5%
93306	365786	0.1209	0.045	895.84	1550	0.181	0.040	0.222	0.247	0.233	81.8%
93308	365787	-0.056	0.006	795.18	1550	-0.084	0.005	-0.079	<0.005	0.054	106.0%
93309	365788	0.2091	0.073	839.18	1550	0.314	0.061	0.375	0.447	0.402	83.7%
95708	AR03	0.978	0.118	889.02	1550	1.467	0.105	1.572	1.768	1.729	93.3%

Certified By:  Jason Moore VP Operations



Treasury Metals Inc
 Date Created: 15-05-01 09:01:38 PM
 Job Number: 201541106
 Date Received: 04/02/2015
 Number of Samples: 60
 Type of Sample: Reject's
 Date Completed: 05/01/2015

Final Certificate

Project ID:	CN- Solution	Residue	Sample	CN- Solution	Au Content	Au Content	Au Content	Calculated	Original (ALFA1)	CN- Extraction	
15-042CN											
Reading	(ALFA2)	Mass	Volume	Solution	Solid	Total	Head Grade	Head Grade	Head Grade	Percentage	
Acc #	Client ID	mg/L	ppm (g/t)	g	ml	mg	mg	mg	ppm (g/t)	ppm (g/t)	%
94536	202291	0.0723	0.026	910.76	1550	0.108	0.024	0.132	0.145	0.155	82.1%
94537	202292	0.2599	0.05	924.24	1550	0.390	0.046	0.436	0.472	0.350	89.4%
94538	202294	0.073	0.021	967.66	1550	0.110	0.020	0.130	0.134	0.227	84.3%
94539	202295	0.8077	0.121	797.61	1550	1.212	0.097	1.308	1.640	0.986	92.6%
94540	202296	0.0871	0.026	828.72	1550	0.131	0.022	0.152	0.184	0.132	85.8%
94541	202297	0.2623	0.036	963.56	1550	0.393	0.035	0.428	0.444	0.367	91.9%
94542	202298	0.2182	0.039	762.79	1550	0.327	0.030	0.357	0.468	0.295	91.7%
94543	202299	0.1187	0.049	791.99	1550	0.178	0.039	0.217	0.274	0.307	82.1%
94544				202300				Insufficient Sample			
94545	202301	0.1739	0.054	977.09	1550	0.261	0.053	0.314	0.321	0.319	83.2%
94547	202302	0.1383	0.06	1053.28	1550	0.207	0.063	0.271	0.257	0.270	76.6%
94548	202303	0.056	0.025	746.67	1550	0.084	0.019	0.103	0.137	0.101	81.8%
94549	202304	0.0384	0.01	781.98	1550	0.058	0.008	0.065	0.084	0.093	88.0%
94550	202306	0.1467	0.055	409.26	1550	0.220	0.023	0.243	0.593	0.624	90.7%
94551	202307	0.0874	0.03	882.54	1550	0.131	0.026	0.158	0.179	0.118	83.2%
94552	202315	0.0748	0.037	741.54	1550	0.112	0.027	0.140	0.188	0.108	80.4%
120438	202315dup	0.0634	0.034	1005.32	1550	0.095	0.034	0.129	0.129	0.108	73.6%
94553	202316	0.3746	0.097	901.6	1550	0.562	0.087	0.649	0.720	0.693	86.5%
94554	202317	0.1448	0.049	986.97	1550	0.217	0.048	0.266	0.269	0.395	81.8%
94555	202318	0.0468	0.032	867.82	1550	0.070	0.028	0.098	0.113	0.103	71.7%
94556	202319	0.5002	0.143	863.24	1550	0.750	0.123	0.874	1.012	1.181	85.9%
94558				202320				Insufficient Sample			
94559	202321	0.1631	0.055	798.34	1550	0.245	0.044	0.289	0.361	0.502	84.8%
94560	202322	0.1253	0.051	831.93	1550	0.188	0.042	0.230	0.277	0.263	81.6%
94561	202323	0.1077	0.04	857.12	1550	0.162	0.034	0.196	0.228	0.149	82.5%
94562	202324	0.2913	0.091	944.47	1550	0.437	0.086	0.523	0.554	0.370	83.6%
94563	202325	0.1019	0.076	568.3	1550	0.153	0.043	0.196	0.345	0.258	78.0%
94564	202327	0.2052	0.115	900.34	1550	0.308	0.104	0.411	0.457	0.427	74.8%
94565	202328	0.1994	0.093	862.11	1550	0.299	0.080	0.379	0.440	0.363	78.9%
94566	202329	0.2446	0.083	877.92	1550	0.367	0.073	0.440	0.501	0.595	83.4%
94567				202330				Insufficient Sample			
94569	202331	0.3962	0.126	909.24	1550	0.594	0.115	0.709	0.780	0.600	83.8%
94570	202333	0.1866	0.048	942.07	1550	0.280	0.045	0.325	0.345	0.361	86.1%
94571	202334	0.0912	0.025	939.52	1550	0.137	0.023	0.160	0.171	0.121	85.3%
94572	202335	0.0986	0.039	1012.72	1550	0.148	0.039	0.187	0.185	0.092	78.9%
120439	202335dup	0.0945	0.019	943.35	1550	0.142	0.018	0.160	0.169	0.092	88.8%
94573	202336	0.0613	0.029	972.12	1550	0.092	0.028	0.120	0.124	0.128	76.5%
94574	202337	0.0471	0.015	1017.92	1550	0.071	0.015	0.086	0.084	0.300	82.2%
94575	202338	2.0843	0.335	1082.95	1550	3.126	0.363	3.489	3.222	2.533	89.6%
94576	202339	0.0657	0.039	828.96	1550	0.099	0.032	0.131	0.158	0.113	75.3%
94577				202340				Insufficient Sample			
94578	202341	0.0454	0.031	779.61	1550	0.068	0.024	0.092	0.118	0.127	73.8%
94580	202342	0.0976	0.029	924.99	1550	0.146	0.027	0.173	0.187	0.139	84.5%
94581	202343	0.0402	0.018	709.89	1550	0.060	0.013	0.073	0.103	0.044	82.5%
94582	202344	0.0227	0.023	797.09	1550	0.034	0.018	0.052	0.066	0.031	65.0%
94583	202346	0.1084	0.049	487.77	1550	0.163	0.024	0.187	0.382	0.579	87.2%
94584	202347	0.1492	0.053	934.8	1550	0.224	0.050	0.273	0.292	0.179	81.9%
94585	202348	1.2613	0.346	840.82	1550	1.892	0.291	2.183	2.596	2.082	86.7%
94586	202349	1.9618	0.397	989.06	1550	2.943	0.393	3.335	3.372	2.717	88.2%
94587	202401	3.0792	0.806	752.52	1550	4.619	0.607	5.225	6.944	3.684	88.4%
94588	202402	1.1705	0.317	792.7	1550	1.756	0.251	2.007	2.532	1.555	87.5%
94589				202403				Insufficient Sample			
94590				202406				Insufficient Sample			
94591	202407	0.0792	0.027	712.11	1550	0.119	0.019	0.138	0.194	0.146	86.1%
120440	202407dup	0.0891	0.028	824.57	1550	0.134	0.023	0.157	0.190	0.146	85.3%
94592	202408	0.1961	0.063	818.26	1550	0.294	0.052	0.346	0.422	0.544	85.1%

Certified By:

Jason Moore VP Operations



Treasury Metals Inc
 Date Created: 15-05-01 09:01:38 PM
 Job Number: 201541106
 Date Received: 04/02/2015
 Number of Samples: 60
 Type of Sample: Reject's
 Date Completed: 05/01/2015

Final Certificate

Project ID:	CN- Solution	Residue	Sample	CN- Solution	Au Content	Au Content	Au Content	Calculated	Original (ALFA1)	CN- Extraction	
15-042CN	(ALFA2)	Mass	Volume	Solution	Solid	Total	Head Grade	Head Grade	Head Grade	Percentage	
Acc #	Client ID	mg/L	ppm (g/t)	g	ml	mg	mg	mg	ppm (g/t)	ppm (g/t)	%
94593	202409	0.3182	0.054	987.6	1550	0.477	0.053	0.531	0.537	0.321	89.9%
94594				202410				Insufficient Sample			
94595	202411	0.2285	0.071	828.3	1550	0.343	0.059	0.402	0.485	0.366	85.4%
94596	202412	0.2802	0.091	720.13	1550	0.420	0.066	0.486	0.675	0.496	86.5%
95710	AR03	0.5977	0.172	570.37	1550	0.897	0.098	0.995	1.744	1.729	90.1%

Certified By:  Jason Moore VP Operations

2015 CYANIDE BOTTLE ROLL PROGRAM
ACTLABS CERTIFICATES

Order Number	Hole Number
15-060CN	TL13298, TL13305, TL13313
15-122CN	TL13300
15-123CN	TL13299
15-127CN	TL13298
15-128CN	TL13296
15-133CN	TL13297
15-134CN	TL13324
15-135CN	TL13325
15-136CN	TL13328
15-137CN	TL13327
15-138CN	TL13326
15-139CN	TL13330
15-140CN	TL13331
15-141CN	TL13332
15-150CN	TL13333
15-152CN	TL13334
15-162CN	TL13312
15-165CN	TL13316
15-168CN	TL13322
15-170CN	TL13318
15-171CN	TL13319
15-172CN	TL13323

Quality Analysis ...



Innovative Technologies

Date Submitted: 22-Apr-15
Invoice No.: A15-02751 (i)
Invoice Date: 29-May-15
Your Reference: 15-042CN

Treasury Metals Inc.
Exchange Tower, 130 King Street East, Suite 3680
Toronto Ontario Canada

ATTN: Paul Dunbar

CERTIFICATE OF ANALYSIS

76 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code Metallurgy Metallurgy

REPORT A15-02751 (i)

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with a horizontal line underneath.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1201 Walsh Street West, Thunder Bay Ontario, Canada, P7E 4X6
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Results

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
363684	0.030
363685	0.013
363687	0.030
363688	0.038
363694	0.020
363695	0.075
363696	0.039
363697	0.011
363698	0.011
363699	0.009
363701	0.037
363702	0.027
363703	0.032
363704	0.011
363704 DUP	0.013
363711	0.059
363712	0.018
363713	0.017
363714	0.027
363715	0.022
Blank	< 0.005
363716	0.030
363717	0.029
363724	0.020
363725	0.015
363727	0.093
363734	0.035
363735	0.018
363735 DUP	0.014
363736	0.024
363737	0.010
363738	0.014
363739	0.025
363742	0.030
363743	0.024
363744	0.027
363745	0.016
364042	0.032
Blank	< 0.005
364043	0.032
364044	0.041
364047	0.070
364047 Dup	0.073
364048	0.059
364049	0.013
364051	0.018
364052	0.019
364814	0.087
STANDARD	1.10

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
364815	0.016
364914	0.014
364915	0.022
364916	0.036
364917	0.221
364918	0.190
364919	0.359
364921	0.104
Blank	< 0.005
364922	0.121
364923	0.067
364929	0.029
364929 DUP	0.035
364931	0.031
364932	0.014
364933	0.045
364934	0.028
364935	0.021
364936	0.027
364937	0.018
364938	0.072
364939	0.148
364941	0.478
364941 Dup	0.441
364942	0.072
364943	0.041
364944	0.018

QC

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OxD108 Meas	0.416
OxD108 Cert	0.414
OxD108 Meas	0.419
OxD108 Cert	0.414
OxD108 Meas	0.419
OxD108 Cert	0.414
SE68 Meas	0.604
SE68 Cert	0.599
SE68 Meas	0.618
SE68 Cert	0.599
SE68 Meas	0.614
SE68 Cert	0.599
363699 Orig	0.009
363699 Dup	0.009
363715 Orig	0.021
363715 Dup	0.023
363736 Orig	0.024
363736 Dup	0.024
364049 Orig	0.015
364049 Dup	0.011
364918 Orig	0.192
364918 Dup	0.189
364933 Orig	0.046
364933 Dup	0.044
364941 Orig	0.493
364941 Dup	0.462
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

Actlabs ID	Client ID	Solution Analysis (ppm)	Leach Residue Assay (ppm)	Calculated head grade (ppm)	Extraction (%)
A15-02751-1	363684	0.164	0.03	0.194	84.51%
A15-02751-2	363685	0.094	0.013	0.107	87.79%
A15-02751-3	363687	0.430	0.03	0.458	93.45%
A15-02751-4	363688	0.354	0.038	0.392	90.31%
A15-02751-5	363694	0.035	0.02	0.055	63.95%
A15-02751-6	363695	0.396	0.075	0.471	84.07%
A15-02751-7	363696	0.733	0.039	0.772	94.95%
A15-02751-8	363697	0.026	0.011	0.037	70.35%
A15-02751-9	363698	0.015	0.011	0.026	58.11%
A15-02751-10	363699	0.001	0.009	0.010	6.29%
A15-02751-11	363701	0.200	0.037	0.237	84.36%
A15-02751-12	363702	0.283	0.027	0.313	91.36%
A15-02751-13	363703	0.200	0.032	0.232	86.21%
A15-02751-14	363704	0.021	0.011	0.031	64.99%
A15-02751-15	363704 DUP	0.012	0.013	0.025	48.09%
A15-02751-16	363711	0.259	0.059	0.316	81.34%
A15-02751-17	363712	0.122	0.018	0.142	87.36%
A15-02751-18	363713	0.077	0.017	0.094	81.88%
A15-02751-19	363714	0.134	0.027	0.160	83.16%
A15-02751-20	363715	0.081	0.022	0.103	78.66%
A15-02751-22	363716	0.057	0.03	0.088	65.78%
A15-02751-23	363717	0.126	0.029	0.129	77.58%
A15-02751-24	363724	0.080	0.02	0.100	79.94%
A15-02751-25	363725	0.081	0.015	0.097	84.49%
A15-02751-26	363727	1.321	0.093	1.414	93.42%
A15-02751-27	363734	0.475	0.035	0.509	93.13%
A15-02751-28	363735	0.227	0.018	0.247	92.71%
A15-02751-29	363735 DUP	0.267	0.014	0.280	95.01%
A15-02751-30	363736	0.202	0.024	0.225	89.34%
A15-02751-31	363737	0.017	0.01	0.027	62.47%
A15-02751-32	363738	0.053	0.014	0.067	79.11%
A15-02751-33	363739	0.169	0.025	0.193	87.08%
A15-02751-34	363742	0.061	0.03	0.091	66.96%
A15-02751-35	363743	0.066	0.024	0.090	73.34%
A15-02751-36	363744	0.125	0.027	0.154	82.47%
A15-02751-37	363745	0.115	0.016	0.132	87.86%
A15-02751-38	364042	0.244	0.032	0.276	88.41%
A15-02751-40	364043	0.088	0.032	0.120	73.40%
A15-02751-41	364044	0.288	0.041	0.330	87.57%
A15-02751-42	364047	0.510	0.07	0.577	87.87%
A15-02751-43	364047 Dup	0.482	0.073	0.559	86.95%
A15-02751-44	364048	0.529	0.059	0.585	89.92%
A15-02751-45	364049	0.152	0.013	0.165	92.12%
A15-02751-46	364051	0.213	0.018	0.229	92.15%
A15-02751-47	364052	0.157	0.019	0.176	89.20%
A15-02751-48	364814	0.311	0.087	0.398	78.12%
A15-02751-50	364815	0.055	0.016	0.071	77.41%
A15-02751-51	364914	0.058	0.014	0.072	80.47%
A15-02751-52	364915	0.028	0.022	0.050	55.61%
A15-02751-53	364916	0.079	0.036	0.115	68.82%

A15-02751-54	364917	0.732	0.221	0.953	76.81%
A15-02751-55	364918	0.947	0.19	1.139	83.31%
A15-02751-56	364919	3.192	0.359	3.566	89.93%
A15-02751-57	364921	0.241	0.104	0.345	69.85%
A15-02751-59	364922	0.831	0.121	0.952	87.29%
A15-02751-60	364923	0.251	0.067	0.319	78.97%
A15-02751-61	364929	0.363	0.029	0.391	92.59%
A15-02751-62	364929 DUP	0.344	0.035	0.379	90.76%
A15-02751-63	364931	0.203	0.031	0.233	86.70%
A15-02751-64	364932	0.101	0.014	0.213	93.44%
A15-02751-65	364933	0.273	0.045	0.318	85.84%
A15-02751-66	364934	0.117	0.028	0.145	80.70%
A15-02751-67	364935	0.050	0.021	0.071	70.31%
A15-02751-68	364936	0.144	0.027	0.171	84.22%
A15-02751-69	364937	0.039	0.018	0.057	68.53%
A15-02751-70	364938	0.328	0.072	0.399	81.95%
A15-02751-71	364939	0.584	0.148	0.733	79.82%
A15-02751-72	364941	2.166	0.478	2.671	82.10%
A15-02751-73	364941 Dup	2.201	0.441	2.661	83.43%
A15-02751-74	364942	0.242	0.072	0.315	77.18%
A15-02751-75	364943	0.186	0.041	0.227	81.94%
A15-02751-76	364944	0.022	0.018	0.040	55.28%

Standard		Calc Head	Cert value
A15-02751-49	STANDARD	5.033	5.032

Blanks

A15-02751-21	Blank	<0.005
A15-02751-39	Blank	<0.005
A15-02751-58	Blank	<0.005

Leach Duplicates

A15-02751-14	363704	0.053
A15-02751-15	363704 DUP	0.025
A15-02751-28	363735	0.247
A15-02751-29	363735 DUP	0.280
A15-02751-42	364047	0.577
A15-02751-43	364047 Dup	0.559
A15-02751-61	364929	0.391
A15-02751-62	364929 DUP	0.379
A15-02751-72	364941	2.671
A15-02751-73	364941 Dup	2.661

Solution Duplicates

A15-02751-15	363704 DUP	0.025
A15-02751-15-2	363704 DUP-2	0.024
A15-02751-30	363736	0.225
A15-02751-30-2	363736-2	0.230
A15-02751-45	364049	0.165
A15-02751-45-2	364049-2	0.169
A15-02751-60	364923	0.319
A15-02751-60-2	364923-2	0.322
A15-02751-75	364943	0.227
A15-02751-75-2	364943-2	0.225



Date Submitted: 24-Apr-15
Invoice No.: A15-02901 (i)
Invoice Date: 29-May-15
Your Reference:

Treasury Metals Inc.
Exchange Tower, 130 King Street East
Suite 3680
Toronto Ontario
Canada

ATTN: Paul Dunbar

CERTIFICATE OF ANALYSIS

66 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code Metallurgy Metallurgy

REPORT A15-02901 (i)

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Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1 888 228 5227 FAX +1 905 648 9813
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Results

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
201878	0.018
201879	0.040
Blank	< 0.005
201881	0.033
201882	0.058
201883	0.047
201884	0.008
201886	0.018
201888	0.050
201889	0.087
201891	0.154
201891 DUP	0.295
201892	0.016
201893	0.036
201894	0.021
201895	0.060
201896	0.024
201897	0.029
201898	0.008
201899	0.010
201901	0.018
Blank	< 0.005
Standard	0.808
201902	0.009
201903	0.031
201904	0.057
201909 DUP	0.013
201905	0.050
201908	0.015
201909	0.015
201911	0.007
201912	0.032
201913	0.011
201915	0.043
201916	0.025
201917	0.025
201918	0.020
201919	0.035
201921	0.054
201922	0.044
202179	0.070
202181 DUP	0.026
202181	0.026
202182	0.024
Blank	< 0.005
202183	0.017
202184	0.018
202186	0.039
202187	0.055

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
202188	0.011
202189	0.018
202191	0.029
202198	0.013
202199	0.010
202201	0.014
202202	0.010
202207 DUP	0.020
202203	0.035
202204	0.066
202206	0.061
202207	0.019
202208	0.058
202209	0.015
202211	0.014
Blank	< 0.005
202212	0.014

QC

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OxD108 Meas	0.406
OxD108 Cert	0.414
OxD108 Meas	0.407
OxD108 Cert	0.414
SE68 Meas	0.591
SE68 Cert	0.599
SE68 Meas	0.604
SE68 Cert	0.599
201889 Orig	0.087
201889 Dup	0.086
201899 Orig	0.011
201899 Dup	0.010
201909 Orig	0.016
201909 Dup	0.014
202182 Orig	0.024
202182 Dup	0.024
202201 Orig	0.015
202201 Dup	0.014
202212 Orig	0.015
202212 Dup	0.014
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

Actlabs ID	Client ID	Solution Analysis (ppm)	Leach Residue Assay (ppm)	Calculated head grade (ppm)	% Extraction
A15-02901-1	201878	0.472	0.018	0.495	96.36%
A15-02901-2	201879	0.255	0.04	0.275	93.46%
A15-02901-4	201881	0.287	0.033	0.321	89.72%
A15-02901-5	201882	0.917	0.058	0.979	94.07%
A15-02901-6	201883	0.692	0.047	0.737	93.62%
A15-02901-7	201884	0.035	0.008	0.043	81.21%
A15-02901-8	201886	0.098	0.018	0.121	85.11%
A15-02901-9	201888	0.197	0.05	0.248	79.82%
A15-02901-10	201889	0.411	0.087	0.499	82.56%
A15-02901-11	201891	2.720	0.154	2.874	94.64%
A15-02901-12	201891 DUP	2.749	0.295	3.044	90.31%
A15-02901-13	201892	0.083	0.016	0.098	83.72%
A15-02901-14	201893	0.227	0.036	0.266	86.48%
A15-02901-15	201894	0.366	0.021	0.387	94.57%
A15-02901-16	201895	0.403	0.06	0.466	87.13%
A15-02901-17	201896	0.332	0.024	0.360	93.34%
A15-02901-18	201897	0.269	0.029	0.297	90.23%
A15-02901-19	201898	0.025	0.008	0.033	75.83%
A15-02901-20	201899	0.084	0.01	0.095	89.42%
A15-02901-21	201901	0.122	0.018	0.140	87.11%
A15-02901-24	201902	0.049	0.009	0.059	84.74%
A15-02901-25	201903	0.306	0.031	0.337	90.79%
A15-02901-26	201904	0.566	0.057	0.587	90.29%
A15-02901-27	201909 DUP	0.086	0.013	0.100	87.03%
A15-02901-28	201905	0.409	0.05	0.460	89.13%
A15-02901-29	201908	0.042	0.015	0.058	74.02%
A15-02901-30	201909	0.067	0.015	0.082	81.62%
A15-02901-31	201911	0.093	0.007	0.100	92.99%
A15-02901-32	201912	0.336	0.032	0.375	91.47%
A15-02901-33	201913	0.098	0.011	0.109	89.87%
A15-02901-34	201915	0.513	0.043	0.575	92.53%
A15-02901-35	201916	0.544	0.025	0.574	95.65%
A15-02901-36	201917	0.073	0.025	0.099	74.77%
A15-02901-37	201918	0.221	0.02	0.241	91.69%
A15-02901-38	201919	0.368	0.035	0.404	91.34%
A15-02901-39	201921	0.435	0.054	0.489	88.96%
A15-02901-40	201922	0.424	0.044	0.467	90.57%
A15-02901-41	202179	0.302	0.07	0.376	81.38%
A15-02901-42	202181 DUP	0.066	0.026	0.091	71.54%
A15-02901-43	202181	0.061	0.026	0.088	70.31%

A15-02901-44	202182	0.017	0.024	0.041	41.09%
A15-02901-46	202183	0.098	0.017	0.116	85.28%
A15-02901-47	202184	0.074	0.018	0.091	80.28%
A15-02901-48	202186	0.686	0.039	0.731	94.66%
A15-02901-49	202187	0.454	0.055	0.511	89.24%
A15-02901-50	202188	0.046	0.011	0.057	80.77%
A15-02901-51	202189	0.121	0.018	0.140	87.19%
A15-02901-52	202191	0.889	0.029	0.935	96.90%
A15-02901-53	202198	0.165	0.013	0.177	92.64%
A15-02901-54	202199	0.098	0.01	0.108	90.74%
A15-02901-55	202201	0.110	0.014	0.125	88.76%
A15-02901-56	202202	0.053	0.01	0.063	84.01%
A15-02901-57	202207 DUP	0.214	0.02	0.232	91.39%
A15-02901-58	202203	0.232	0.035	0.267	86.88%
A15-02901-59	202204	0.367	0.066	0.434	84.80%
A15-02901-60	202206	0.453	0.061	0.512	88.10%
A15-02901-61	202207	0.159	0.019	0.178	89.33%
A15-02901-62	202208	0.341	0.058	0.397	85.38%
A15-02901-63	202209	0.120	0.015	0.135	88.87%
A15-02901-64	202211	0.092	0.014	0.107	86.97%
A15-02901-66	202212	0.553	0.014	0.563	97.51%

Standard		Calc Head	Cert value
A15-02901-23	STANDARD	4.761	5.032

Blanks

A15-02901-3	Blank	<0.005
A15-02901-22	Blank	<0.005
A15-02901-45	Blank	<0.005
A15-02901-65	Blank	<0.005

Leach Duplicates

A15-02901-11	201891	2.874
A15-02901-12	201891 DUP	3.044
A15-02901-30	201909	0.082
A15-02901-27	201909 DUP	0.100
A15-02901-43	202181	0.088
A15-02901-42	202181 DUP	0.091
A15-02901-61	202207	0.178
A15-02901-57	202207 DUP	0.232

Solution Duplicates

A15-02901-15	201894	0.387
A15-02901-15-2	201894-2	0.385
A15-02901-30	201909	0.082
A15-02901-30-2	201909-2	0.078
A15-02901-45	Blank	0.016
A15-02901-45-2	Blank-2	0.015
A15-02901-60	202206	0.4532
A15-02901-60-2	202206-2	0.4596

Quality Analysis ...



Innovative Technologies

Date Submitted: 24-Apr-15
Invoice No.: A15-02931 (i)
Invoice Date: 29-May-15
Your Reference:

Treasury Metals Inc.
Exchange Tower, 130 King Street East
Suite 3680
Toronto Ontario
Canada

ATTN: Paul Dunbar

CERTIFICATE OF ANALYSIS

80 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code Metallurgy Metallurgy

REPORT A15-02931 (i)

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Notes.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Results

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
1368906	0.011
1368907	0.017
1368908	0.009
1368908 DUP	0.045
1368909	0.037
1368911	0.010
1368919	0.063
1368921	0.276
STANDARD	1.42
1368922	0.121
1368923	0.133
1368924	0.169
1368929	0.031
1368931	0.053
1368932	0.097
1368933	0.066
BLANK	< 0.005
1368934	0.078
1368934 DUP	0.073
1368935	0.043
1368936	0.150
1368937	0.087
1368939	0.046
1368013	0.638
1368014	0.117
1368015	0.110
1368016	0.044
1368017	0.038
1368018	0.059
1368019	0.119
1368021	0.103
1368022	0.070
1368023	0.018
1368023 DUP	0.018
1368024	0.040
1368025	0.009
BLANK	< 0.005
1368027	0.068
1368028	0.252
1368031	0.005
1368032	0.013
1328153	0.013
1328154	0.029
1328157	0.096
1328158	0.018
1328159	0.005
1328204	0.038
1328205	0.044
1368205 DUP	0.043

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
1328206	0.016
1328207	0.021
1328208	0.034
1328209	0.105
1328211	0.019
1328212	0.006
1328213	0.037
BLANK	< 0.005
1328236	0.026
STANDARD	1.05
1328237	0.041
1328238	0.060
1328239	0.017
1328241	0.054
1328259 DUP	0.034
1328257	0.023
1328258	0.041
1328259	0.041
1328262	0.089
1328263	0.054
1328264	0.010
1328265	0.028
1328267	0.023
1328268	< 0.005
1328269	< 0.005
1328271	0.022
1328272	< 0.005
BLANK	< 0.005
1328273	0.011
1328273 DUP	0.012
1328274	< 0.005

QC

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OxD108 Meas	0.414
OxD108 Cert	0.414
OxD108 Meas	0.420
OxD108 Cert	0.414
OxD108 Meas	0.397
OxD108 Cert	0.414
SE68 Meas	0.591
SE68 Cert	0.599
SE68 Meas	0.607
SE68 Cert	0.599
SE68 Meas	0.590
SE68 Cert	0.599
1368922 Orig	0.102
1368922 Dup	0.140
1368935 Orig	0.042
1368935 Dup	0.044
1368019 Orig	0.117
1368019 Dup	0.121
1328158 Orig	0.015
1328158 Dup	0.020
1328212 Orig	0.005
1328212 Dup	0.007
1328257 Orig	0.023
1328257 Dup	0.024
1328274 Orig	< 0.005
1328274 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

Actlabs ID	Client ID	Solution Analysis (ppm)	Leach Residue Assay (ppm)	Calculated head grade (ppm)	% Extraction	Original Assay (ppm)	% Difference
A15-02931-1	1368906	0.147	0.011	0.165	93.34%	0.206	80%
A15-02931-2	1368907	0.189	0.017	0.207	91.80%	0.203	102%
A15-02931-3	1368908	0.385	0.009	0.394	97.72%	0.505	78%
A15-02931-4	1368908 DUP	0.366	0.045	0.407	88.95%	0.505	81%
A15-02931-5	1368909	0.156	0.037	0.192	80.69%	0.186	103%
A15-02931-6	1368911	0.032	0.01	0.042	76.19%	0.028	150%
A15-02931-7	1368919	0.353	0.063	0.414	84.79%	0.331	125%
A15-02931-8	1368921	1.947	0.276	2.219	87.56%	2.015	110%
A15-02931-10	1368922	0.455	0.121	0.578	79.08%	0.416	139%
A15-02931-11	1368923	0.366	0.133	0.491	72.92%	0.345	142%
A15-02931-12	1368924	0.234	0.169	0.407	58.46%	0.263	155%
A15-02931-13	1368929	0.126	0.031	0.157	80.22%	0.211	74%
A15-02931-14	1368931	0.563	0.053	0.624	91.51%	1.282	49%
A15-02931-15	1368932	0.216	0.097	0.314	69.12%	0.294	107%
A15-02931-16	1368933	0.345	0.066	0.410	83.91%	0.395	104%
A15-02931-18	1368934	0.243	0.078	0.324	75.91%	0.341	95%
A15-02931-19	1368934 DUP	0.265	0.073	0.335	78.23%	0.341	98%
A15-02931-20	1368935	0.166	0.043	0.209	79.43%	0.199	105%
A15-02931-21	1368936	0.256	0.15	0.406	63.09%	0.245	166%
A15-02931-22	1368937	0.483	0.087	0.571	84.75%	0.43	133%
A15-02931-23	1368939	0.403	0.046	0.450	89.79%	0.384	117%
A15-02931-24	1368013	3.001	0.638	3.639	82.47%	0.56	650%
A15-02931-25	1368014	0.462	0.117	0.579	79.78%	0.497	116%
A15-02931-26	1368015	0.256	0.11	0.370	70.30%	0.365	101%
A15-02931-27	1368016	0.183	0.044	0.228	80.72%	0.126	181%
A15-02931-28	1368017	0.170	0.038	0.208	81.69%	0.19	109%
A15-02931-29	1368018	0.223	0.059	0.285	79.27%	0.243	117%
A15-02931-30	1368019	0.253	0.119	0.377	68.42%	0.489	77%
A15-02931-31	1368021	0.171	0.103	0.275	62.48%	0.283	97%
A15-02931-32	1368022	0.286	0.07	0.355	80.27%	0.364	97%
A15-02931-33	1368023	0.101	0.018	0.119	84.94%	0.085	141%
A15-02931-34	1368023 DUP	0.101	0.018	0.118	84.74%	0.085	139%
A15-02931-35	1368024	0.159	0.04	0.199	79.88%	0.248	80%
A15-02931-36	1368025	0.217	0.009	0.230	96.09%	0.253	91%
A15-02931-38	1368027	0.232	0.068	0.300	77.30%	0.305	98%
A15-02931-39	1368028	0.619	0.252	0.873	71.12%	0.317	275%
A15-02931-40	1368031	0.132	0.005	0.137	96.35%	0.162	85%
A15-02931-41	1368032	0.016	0.013	0.029	55.33%	0.042	69%
A15-02931-42	1328153	0.043	0.013	0.057	77.08%	0.035	162%
A15-02931-43	1328154	0.180	0.029	0.209	86.11%	0.126	166%

A15-02931-44	1328157	1.024	0.096	1.118	91.41%	1.117	100%
A15-02931-45	1328158	0.126	0.018	0.144	87.47%	0.264	54%
A15-02931-46	1328159	0.066	0.005	0.071	93.00%	0.068	105%
A15-02931-47	1328204	0.077	0.038	0.116	67.18%	0.113	102%
A15-02931-48	1328205	0.086	0.044	0.131	66.44%	0.105	125%
A15-02931-49	1368205 DUP	0.105	0.043	0.149	71.10%	0.105	142%
A15-02931-50	1328206	0.183	0.016	0.199	91.94%	0.208	95%
A15-02931-51	1328207	0.102	0.021	0.124	83.02%	0.081	153%
A15-02931-52	1328208	0.252	0.034	0.291	88.31%	0.347	84%
A15-02931-53	1328209	1.831	0.105	1.936	94.58%	3.233	60%
A15-02931-54	1328211	0.141	0.019	0.161	88.19%	0.135	119%
A15-02931-55	1328212	0.031	0.006	0.037	83.65%	0.026	141%
A15-02931-56	1328213	0.256	0.037	0.292	87.31%	0.135	216%
A15-02931-58	1328236	0.211	0.026	0.238	89.07%	0.167	142%
A15-02931-60	1328237	0.864	0.041	0.913	95.51%	1.354	67%
A15-02931-61	1328238	1.018	0.06	1.083	94.46%	0.939	115%
A15-02931-62	1328239	0.054	0.017	0.071	76.09%	0.048	148%
A15-02931-63	1328241	0.299	0.054	0.352	84.65%	0.269	131%
A15-02931-64	1328259 DUP	0.221	0.034	0.255	86.65%	0.315	81%
A15-02931-65	1328257	0.120	0.023	0.143	83.94%	0.129	111%
A15-02931-66	1328258	0.173	0.041	0.214	80.82%	0.11	194%
A15-02931-67	1328259	0.227	0.041	0.278	85.26%	0.315	88%
A15-02931-68	1328262	1.075	0.089	1.161	92.34%	1.313	88%
A15-02931-69	1328263	0.347	0.054	0.401	86.54%	0.207	194%
A15-02931-70	1328264	0.067	0.01	0.077	87.00%	0.098	79%
A15-02931-71	1328265	0.163	0.028	0.191	85.37%	0.281	68%
A15-02931-72	1328267	0.130	0.023	0.154	85.07%	0.503	31%
A15-02931-73	1328268	0.026	< 0.005			0.02	
A15-02931-74	1328269	0.017	< 0.005			0.015	
A15-02931-75	1328271	0.188	0.022	0.211	89.59%	0.122	173%
A15-02931-76	1328272	0.018	< 0.005				
A15-02931-78	1328273	0.074	0.011	0.087	87.38%	0.082	106%
A15-02931-79	1328273 DUP	0.074	0.012	0.085	85.96%	0.082	104%
A15-02931-80	1328274	0.017	< 0.005				

Standard		Calc Head	Cert value
A15-02931-9	STANDARD	5.330	5.032
A15-02931-59	STANDARD	4.920	

Blanks

A15-02931-17	Blank	<0.005	
A15-02931-37	Blank	<0.005	
A15-02931-57	Blank	<0.005	
A15-02931-77	Blank	<0.005	

Leach Duplicates

A15-02931-3	1368908	0.394	
A15-02931-4	1368908 DUP	0.407	
A15-02931-18	1368934	0.324	
A15-02931-19	1368934 DUP	0.335	
A15-02931-33	1368023	0.119	
A15-02931-34	1368023 DUP	0.118	
A15-02931-48	1328205	0.131	
A15-02931-49	1368205 DUP	0.149	
A15-02931-67	1328259	0.278	
A15-02931-64	1328259 DUP	0.255	
A15-02931-78	1328273	0.087	
A15-02931-79	1328273 DUP	0.085	

Solution Duplicates

A15-02931-15	1368932	0.314	
A15-02931-15-2	1368932-2	0.316	
A15-02931-30	1368019	0.377	
A15-02931-30-2	1368019-2	0.375	
A15-02931-45	1328158	0.144	
A15-02931-45-2	1328158-2	0.143	
A15-02931-60	1328237	0.913	
A15-02931-60-2	1328237-2	0.909	
A15-02931-75	1328271	0.211	
A15-02931-75-2	1328271-2	0.211	

APPENDIX 3
DIAMOND DRILL LOGS

Lithology

Code	Description
AD	Aplite Dyke
AMPH	Amphibolite
ARG	Argillite
ARN	Arenite
BMS	Biotite Muscovite Schist
BS	Biotite Schist
BSLT	Basalt
CAS	Casing
CGLM	Conglomerate
CV	Carbonate Vein
D	Dyke
DD	Diabase Dyke
DIA	Diabase
FD	Felsic Dyke
FIPLUT	Felsic to Intermediate Plutonic
FP	Feldspar Porphyry
FV	Felsic Volcanic
fz	Fault Zone
GAB	Gabbro
GR	Granite
GRD	Granodiorite
ID	Intermediate Dyke
IF	Iron Formation
IVOL	Intermediate Volcanic
LC	Lost Core
MD	Mafic Dyke
MSED	Metasediment
MSS	Muscovite Sericite Schist
MST	Mudstone
MTVOL	Metavolcanic
MVOL	Mafic Volcanic
OB	Overburden
PLMC	Polymictic
QBS	Quartz Biotite Schist
QCV	Quartz Carb Vein
QFP	Quartz Feldspar Porphyry
QMS	Quartz Muscovite Schist
QP	Quartz Porphyry
QSS	Quartz Sericite Schist
QV	Quartz Vein
RHY	Rhyolite
SED	Sediment
SLT	Siltstone
SST	Sandstone
SV	Sulphide Vein
SYE	Syenite
TON	Tonalite
UMAF	Ultramafic
UNK	Unknown
VEL	Visible Electrum

Legends

Mineralization

Code	Description
AG	Silver
ANK	Ankerite
ASP	Arsenopyrite
AU	Gold
Bn	Bornite
CO	Cobaltite
CP	Chalcopyrite
Cu	Copper
CV	Covelite
EI	Electrum
MO	Molybdenite
MT	Magnetite
PB	Galena
Pent	Pentlandite
PO	Pyrrhotite
PY	Pyrite
SPH	Sphalerite

Structure

Code	Description
BT	Bedding
BTG	Graded Bedding
BTM	Medium Bedding
BTT	Thinly Bedded
BTTK	Thick Bedding
CT	Contact
FOL	Foliation
Fold	Fold
FR	Fractured
FTZ	Fault Zone
JO	Joint
MSH	Microshear
SCHS	Schistose
SHZ	Shear Zone

Alteration

Code	Description
A	Amphibole
BT	Biotite
C	Carbon
CA	Carbonate
CH	Chlorite
E	Epidote
ER	Erythrite
F	Fluorite
Fuc	Fuchsite
G	Gouge/Clay
Hem	Hematite
M	Magnetite
Potassic	Potassic
S	Sulphide
SE	Serpentine
SI	Silica
SR	Sericite
T	Tourmaline

Hole Number: TL13296

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5512023.85	North:	Collar Az: 357.00
Location: Zealand Township	East: 528151.53	East:	Length: 162.00
	Elev: 395.34	Elev:	Start Depth: 0.00
Date Started: Jan 07, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 08, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 162.00

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

MSS Possible B-Zone? 27.00-32.95m

This patch of MSS has very strong patchy sericitic alteration and moderate patchy silicification. There is a small fault zone and minor F2 folding within this unit. The mineralization in this unit consists of 3% pyrite in stringers with condensed patches, 1% disseminated pyrite, trace sphalerite stringers, and trace galena blebs.

MSS C-Zone 84.22m-93.00m

This C-Zone MSS has moderate patchy sericitic alteration and weak patchy silicification. This unit is moderately mineralized with some condensed patches of pyrite stringers up to 4% (85-86.1m). There is also about 2% sphalerite in stringers, trace to 1% disseminated pyrite, trace chalcopyrite blebs, and trace galena blebs.

This BMS unit has a transitional upper contact and contains the tail end of the C-Zone.

There is a gradual increase in silica content going from weak to strong and patchy. The sericitic alteration is very weak to moderate and patchy. There are several moderately mineralized intervals within this unit between 99m-106m where there is 2% pyrite stringers, trace chalcopyrite blebs, 1% disseminated pyrite, trace pyrrhotite blebs, 1% sphalerite and trace galena blebs. Between 131.8-162m there is trace amounts of both sphalerite and galena occurring around qtz-amph veins.

Pulled 68-79m for infill sampling program, April 2015.

BMS with occasional patches of stronger sr.

Elevated py with trace sph stringers.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	357.00	-47.00	EZ Sho	OK		36.00	357.20	-47.20	EZ Sho	OK	
54.00	358.10	-46.30	EZ Sho	OK		102.00	358.60	-45.60	EZ Sho	OK	
150.00	358.00	-44.80	EZ Sho	OK		162.00	357.90	-44.40	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	27.00	OB, Overburden									
27.00	32.95	MSS, Muscovite Sericite Schist	1368731	27.60	28.60	1.00	0.35				
		MSS Possible B-Zone? 27.00-32.95m	1368732	28.60	30.00	1.40	4.37				
		This patch of MSS has very strong patchy sericitic alteration and moderate patchy silicification. There is a small fault zone and minor F2 folding within this unit. The mineralization in this unit consists of 3% pyrite in stringers with condensed patches, 1% disseminated pyrite, trace sphalerite stringers, and trace galena blebs.	1368733	30.00	31.50	1.50	0.01				
			1368734	31.50	33.00	1.50	0.19				

DETAILED LOG

Hole Number: TL13296

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
32.95	37.58	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and moderate patchy silicification. This unit is very poorly mineralized with trace amounts of disseminated pyrite and trace pyrite stringers.	1368735	33.00	34.50	1.50	0.00				
			1368736	34.50	35.50	1.00	0.00				
			1368737	35.50	36.50	1.00	0.01				
			1368738	36.50	37.60	1.10	0.02				
37.58	42.81	MSS, Muscovite Sericite Schist MSS C-Zone? 37.58-42.81m This MSS unit has very strong pervasive to patchy sericitic alteration and weak silicification. This unit is mineralized with 2% disseminated pyrite and trace pyrite blebs.	1368739	37.60	39.00	1.40	0.01				
			1368741	39.00	40.50	1.50	0.01				
			1368742	40.50	41.50	1.00	0.01				
			1368743	41.50	42.80	1.30	0.00				
42.81	84.22	BMS, Biotite Muscovite Schist This BMS unit has moderate to very weak patchy sericitic alteration and weak to moderate silicification. There is 1% disseminated pyrite, 2% bleb disseminated pyrite, 2% pyrite in stringers, and trace to 1% pyrrhotite blebs in qtz-amph veins.	1368744	42.80	44.30	1.50	0.00				
			1368745	44.30	45.80	1.50	0.00				
			1368746	44.30	45.80	1.50	0.01				
			1368747	45.80	47.30	1.50	0.00				
			1368748	47.30	48.80	1.50	0.00				
			1368749	48.80	50.30	1.50	0.00				
			1368751	50.30	51.80	1.50	0.00				
			1368752	51.80	53.30	1.50	0.01				
			1368753	53.30	54.80	1.50	0.00				
			1368754	54.80	56.30	1.50	0.01				
			1368755	56.30	57.80	1.50	0.00				
			303617	66.00	67.00	1.00			0.02		
			303618	67.00	68.00	1.00			0.10		
			303619	68.00	69.00	1.00			0.08		
			303621	69.00	70.00	1.00			0.08		
			303622	70.00	71.00	1.00			0.02		
			303623	71.00	72.00	1.00			0.06		
			303624	72.00	73.00	1.00			0.05		
			303625	73.00	74.00	1.00			0.16		
			303626	73.00	74.00	1.00			0.10		
303627	74.00	75.00	1.00			0.02					
1368756	75.00	76.50	1.50	0.03							
1368757	76.50	78.00	1.50	0.22							
1368758	78.00	79.50	1.50	0.05							
1368759	79.50	81.00	1.50	0.02							
1368761	81.00	82.00	1.00	0.04							
1368762	82.00	83.00	1.00	0.03							
1368763	83.00	84.20	1.20	0.10							
1368764	84.20	85.20	1.00	0.21							

DETAILED LOG

Hole Number: TL13296

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
84.22	93.00	MSS, Muscovite Sericite Schist MSS C-Zone 84.22m-93.00m This C-Zone MSS has moderate patchy sericitic alteration and weak patchy silicification. This unit is moderately mineralized with some condensed patches of pyrite stringers up to 4% (85-86.1m). There is also about 2% sphalerite in stringers, trace to 1% disseminated pyrite, trace chalcopyrite blebs, and trace galena blebs.	1368765	85.20	86.20	1.00	1.01				
			1368766	85.20	86.20	1.00	0.73				
			1368767	86.20	87.70	1.50	0.53				
			1368768	87.70	88.70	1.00	0.41				
			1368769	88.70	90.00	1.30	0.03				
			1368771	90.00	91.50	1.50	0.81				
			1368772	91.50	93.00	1.50	1.63				
93.00	162.00	BMS, Biotite Muscovite Schist This BMS unit has a transitional upper contact and contains the tail end of the C-Zone. There is a gradual increase in silica content going from weak to strong and patchy. The sericitic alteration is very weak to moderate and patchy. There are several moderately mineralized intervals within this unit between 99m-106m where there is 2% pyrite stringers, trace chalcopyrite blebs, 1% disseminated pyrite, trace pyrrhotite blebs, 1% sphalerite and trace galena blebs. Between 131.8-162m there is trace amounts of both sphalerite and galena occurring around qtz-amph veins.	1368773	93.00	94.50	1.50	0.22				
			1368774	94.50	96.00	1.50	0.09				
			1368775	96.00	97.50	1.50	0.09				
			1368776	97.50	99.00	1.50	0.27				
			1368777	99.00	100.00	1.00	0.23				
			1368778	100.00	101.00	1.00	0.54				
			1368779	101.00	102.50	1.50	0.25				
			1368781	102.50	104.00	1.50	0.05				
			1368782	104.00	105.00	1.00	0.07				
			1368783	105.00	106.00	1.00	0.37				
			1368784	106.00	107.50	1.50	0.05				
			1368785	129.50	131.00	1.50	0.05				
			1368786	129.50	131.00	1.50	0.05				
			1368787	131.00	132.00	1.00	0.08				
			1368788	132.00	133.50	1.50	0.01				
			1368789	138.50	140.00	1.50	0.02				
			1368791	140.00	141.50	1.50	0.03				
			1368792	141.50	143.00	1.50	0.05				
			1368793	143.00	144.50	1.50	0.07				
			1368794	144.50	146.00	1.50	0.04				
			1368795	146.00	147.00	1.00	0.09				
			1368796	147.00	148.50	1.50	0.03				
			1368797	148.50	150.00	1.50	0.03				
			1368798	150.00	151.50	1.50	0.03				
			1368799	151.50	153.00	1.50	0.05				
			1368801	153.00	154.50	1.50	0.09				
			1368802	154.50	156.00	1.50	0.07				
			1368803	156.00	157.50	1.50	0.01				
			1368804	157.50	159.00	1.50	0.03				
			1368805	159.00	160.50	1.50	0.02				
			1368806	159.00	160.50	1.50	0.02				
			1368807	160.50	162.00	1.50	0.35				

Hole Number: TL13296

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368731	27.60	28.60	0.3520				
1368732	28.60	30.00	4.3700				
1368733	30.00	31.50	0.0110				
1368734	31.50	33.00	0.1850				
1368735	33.00	34.50	0.0020				
1368736	34.50	35.50	0.0005				
1368737	35.50	36.50	0.0110				
1368738	36.50	37.60	0.0210				
1368739	37.60	39.00	0.0070				
1368741	39.00	40.50	0.0070				
1368742	40.50	41.50	0.0050				
1368743	41.50	42.80	0.0040				
1368744	42.80	44.30	0.0020				
1368745	44.30	45.80	0.0005				
1368747	45.80	47.30	0.0040				
1368748	47.30	48.80	0.0010				
1368749	48.80	50.30	0.0010				
1368751	50.30	51.80	0.0020				
1368752	51.80	53.30	0.0050				
1368753	53.30	54.80	0.0020				
1368754	54.80	56.30	0.0060				
1368755	56.30	57.80	0.0040				
303617	66.00	67.00		0.0210			
303618	67.00	68.00		0.0970			
303619	68.00	69.00		0.0830			
303621	69.00	70.00		0.0830			
303622	70.00	71.00		0.0230			
303623	71.00	72.00		0.0610			
303624	72.00	73.00		0.0530			
303625	73.00	74.00		0.1600			
303627	74.00	75.00		0.0190			
1368756	75.00	76.50	0.0290				
1368757	76.50	78.00	0.2150				
1368758	78.00	79.50	0.0510				
1368759	79.50	81.00	0.0190				
1368761	81.00	82.00	0.0430				
1368762	82.00	83.00	0.0330				
1368763	83.00	84.20	0.1040				
1368764	84.20	85.20	0.2100				

Hole Number: TL13296

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368765	85.20	86.20	1.0050				
1368767	86.20	87.70	0.5260				
1368768	87.70	88.70	0.4070				
1368769	88.70	90.00	0.0340				
1368771	90.00	91.50	0.8130				
1368772	91.50	93.00	1.6250				
1368773	93.00	94.50	0.2200				
1368774	94.50	96.00	0.0940				
1368775	96.00	97.50	0.0860				
1368776	97.50	99.00	0.2670				
1368777	99.00	100.00	0.2280				
1368778	100.00	101.00	0.5390				
1368779	101.00	102.50	0.2490				
1368781	102.50	104.00	0.0510				
1368782	104.00	105.00	0.0710				
1368783	105.00	106.00	0.3700				
1368784	106.00	107.50	0.0520				
1368785	129.50	131.00	0.0530				
1368787	131.00	132.00	0.0800				
1368788	132.00	133.50	0.0060				
1368789	138.50	140.00	0.0160				
1368791	140.00	141.50	0.0270				
1368792	141.50	143.00	0.0540				
1368793	143.00	144.50	0.0710				
1368794	144.50	146.00	0.0430				
1368795	146.00	147.00	0.0900				
1368796	147.00	148.50	0.0340				
1368797	148.50	150.00	0.0340				
1368798	150.00	151.50	0.0320				
1368799	151.50	153.00	0.0500				
1368801	153.00	154.50	0.0930				
1368802	154.50	156.00	0.0680				
1368803	156.00	157.50	0.0070				
1368804	157.50	159.00	0.0260				
1368805	159.00	160.50	0.0170				
1368807	160.50	162.00	0.3450				
Sample Type	CDUP						
1368746	44.30	45.80	0.0070				
303626	73.00	74.00		0.0980			

Hole Number: TL13296

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1368766	85.20	86.20	0.7250				
1368786	129.50	131.00	0.0450				
1368806	159.00	160.50	0.0150				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13296	27.6	28.6	1368731	9.00	7.18	35.00	415.00	1.00	5.00	0.92	2.00	5.00	30.00	18.00	1.30	1.74	20.00	0.30	144.00
TL13296	28.6	30.0	1368732	86.00	7.88	47.00	415.00	1.00	0.50	1.77	2.00	6.00	43.00	54.00	1.58	1.72	25.00	0.73	414.00
TL13296	30.0	31.5	1368733	4.00	7.09	38.00	388.00	1.00	4.00	1.71	2.00	5.00	39.00	24.00	1.04	0.94	23.00	0.54	210.00
TL13296	31.5	33.0	1368734	8.00	7.95	44.00	424.00	1.00	5.00	1.99	2.00	4.00	44.00	12.00	1.41	1.22	25.00	0.61	334.00
TL13296	33.0	34.5	1368735	1.00	7.61	30.00	383.00	1.00	0.50	2.76	2.00	4.00	38.00	6.00	1.28	1.10	28.00	1.31	514.00
TL13296	34.5	35.5	1368736	1.00	8.97	34.00	444.00	1.00	3.00	3.03	2.00	4.00	35.00	7.00	1.79	1.27	29.00	1.32	388.00
TL13296	35.5	36.5	1368737	1.00	8.04	24.00	397.00	1.00	3.00	2.48	2.00	15.00	112.00	37.00	2.62	1.21	29.00	1.11	431.00
TL13296	36.5	37.6	1368738	1.00	8.68	46.00	432.00	1.00	2.00	2.65	2.00	16.00	119.00	38.00	2.93	1.42	29.00	1.10	509.00
TL13296	37.6	39.0	1368739	0.50	8.94	42.00	533.00	1.00	0.50	1.32	2.00	6.00	35.00	13.00	1.37	1.36	27.00	0.45	143.00
TL13296	39.0	40.5	1368741	0.50	9.75	52.00	611.00	1.00	2.00	1.70	2.00	10.00	57.00	10.00	1.98	1.42	29.00	0.37	145.00
TL13296	40.5	41.5	1368742	0.50	8.36	54.00	499.00	1.00	3.00	1.89	2.00	9.00	58.00	19.00	1.80	1.41	24.00	0.32	145.00
TL13296	41.5	42.8	1368743	0.50	7.60	50.00	465.00	1.00	2.00	2.02	2.00	7.00	36.00	26.00	1.05	1.61	26.00	0.75	264.00
TL13296	42.8	44.3	1368744	0.50	7.91	52.00	502.00	1.00	3.00	2.25	2.00	7.00	30.00	12.00	1.43	1.04	29.00	0.77	325.00
TL13296	44.3	45.8	1368746	1.00	8.20	36.00	499.00	1.00	0.50	2.49	2.00	8.00	30.00	32.00	1.26	1.38	25.00	0.51	267.00
TL13296	44.3	45.8	1368745	0.50	8.54	37.00	584.00	1.00	2.00	2.40	2.00	5.00	31.00	7.00	1.61	1.17	30.00	0.71	405.00
TL13296	45.8	47.3	1368747	0.50	8.87	45.00	635.00	1.00	3.00	2.15	2.00	6.00	28.00	8.00	1.39	1.39	29.00	0.61	359.00
TL13296	47.3	48.8	1368748	0.50	8.06	52.00	576.00	1.00	4.00	2.10	2.00	7.00	28.00	7.00	1.48	1.30	27.00	0.72	364.00
TL13296	48.8	50.3	1368749	0.50	8.76	52.00	642.00	1.00	4.00	1.82	2.00	9.00	35.00	16.00	1.76	1.20	28.00	0.57	260.00
TL13296	50.3	51.8	1368751	1.00	10.04	49.00	889.00	1.00	4.00	2.87	4.00	10.00	34.00	9.00	2.84	1.58	41.00	1.02	535.00
TL13296	51.8	53.3	1368752	0.50	6.91	37.00	535.00	1.00	2.00	1.78	2.00	7.00	39.00	5.00	1.80	1.08	33.00	0.67	429.00
TL13296	53.3	54.8	1368753	0.50	6.54	38.00	529.00	1.00	4.00	1.51	2.00	7.00	36.00	4.00	1.68	1.37	29.00	0.53	285.00
TL13296	54.8	56.3	1368754	0.50	8.17	31.00	569.00	1.00	4.00	2.73	2.00	11.00	76.00	11.00	2.41	1.43	27.00	0.85	425.00
TL13296	56.3	57.8	1368755	0.50	8.84	39.00	714.00	1.00	2.00	2.90	2.00	7.00	55.00	6.00	2.04	1.25	26.00	0.94	518.00
TL13296	66.0	67.0	303617	0.50	6.28	3.00	722.00	2.00	3.00	1.61	2.00	6.00	55.00	9.00	2.01	0.07	15.00	1.49	719.00
TL13296	67.0	68.0	303618	0.50	5.42	12.00	461.00	1.00	5.00	1.46	2.00	17.00	136.00	61.00	3.59	0.01	17.00	1.45	894.00
TL13296	68.0	69.0	303619	0.50	6.40	22.00	565.00	2.00	3.00	1.73	2.00	18.00	145.00	51.00	3.75	0.01	17.00	1.42	923.00
TL13296	69.0	70.0	303621	8.00	8.31	34.00	756.00	2.00	1.00	2.11	5.00	26.00	159.00	95.00	5.14	0.01	19.00	1.39	961.00
TL13296	70.0	71.0	303622	0.50	6.55	19.00	644.00	1.00	3.00	2.36	2.00	11.00	38.00	38.00	2.62	0.05	14.00	1.28	752.00
TL13296	71.0	72.0	303623	0.50	6.24	32.00	587.00	1.00	2.00	1.96	2.00	15.00	74.00	46.00	2.94	0.13	13.00	1.14	596.00
TL13296	72.0	73.0	303624	0.50	5.68	51.00	599.00	1.00	1.00	2.71	2.00	24.00	189.00	80.00	4.05	0.03	13.00	1.42	898.00
TL13296	73.0	74.0	303626	0.50	6.84	99.00	765.00	2.00	4.00	1.68	4.00	20.00	166.00	84.00	4.14	0.10	14.00	1.03	633.00
TL13296	73.0	74.0	303625	0.50	6.91	102.00	807.00	2.00	5.00	1.66	4.00	21.00	175.00	88.00	4.33	0.01	14.00	0.99	590.00
TL13296	74.0	75.0	303627	0.50	6.03	28.00	823.00	1.00	3.00	2.46	2.00	10.00	45.00	17.00	2.31	0.02	12.00	1.19	663.00
TL13296	75.0	76.5	1368756	1.00	8.03	54.00	778.00	1.00	0.50	2.21	2.00	7.00	28.00	10.00	1.70	1.42	22.00	0.69	1071.00
TL13296	76.5	78.0	1368757	8.00	8.31	107.00	756.00	1.00	4.00	1.07	4.00	19.00	128.00	68.00	2.63	1.15	22.00	0.34	337.00
TL13296	78.0	79.5	1368758	0.50	9.13	62.00	625.00	1.00	5.00	2.51	2.00	11.00	83.00	23.00	2.46	1.32	27.00	1.05	474.00
TL13296	79.5	81.0	1368759	0.50	9.53	49.00	593.00	1.00	2.00	2.76	2.00	7.00	51.00	19.00	1.76	1.33	25.00	1.00	394.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13296	27.6	28.6	1368731	7.00	27.00	353.00	130.00	1.15	6.00	2.50	13.00	67.00	1150.00	12.00	22.00	5.00	4.00	200.00
TL13296	28.6	30.0	1368732	8.00	38.00	398.00	254.00	1.41	9.00	5.00	5.00	119.00	1194.00	6.00	24.00	5.00	4.00	187.00
TL13296	30.0	31.5	1368733	8.00	36.00	333.00	52.00	0.68	2.50	2.50	12.00	132.00	1136.00	8.00	21.00	5.00	4.00	42.00
TL13296	31.5	33.0	1368734	9.00	56.00	336.00	146.00	0.94	2.50	2.50	5.00	160.00	1321.00	19.00	25.00	5.00	3.00	219.00
TL13296	33.0	34.5	1368735	7.00	44.00	337.00	48.00	0.54	2.50	11.00	5.00	167.00	1319.00	12.00	20.00	5.00	4.00	31.00
TL13296	34.5	35.5	1368736	7.00	42.00	362.00	39.00	0.93	2.50	11.00	10.00	221.00	1380.00	8.00	25.00	5.00	4.00	45.00
TL13296	35.5	36.5	1368737	6.00	67.00	433.00	47.00	0.79	2.50	2.50	5.00	189.0	1860.00	4.00	57.00	5.00	10.00	58.00
TL13296	36.5	37.6	1368738	8.00	64.00	469.00	49.00	1.21	2.50	2.50	13.00	205.00	1865.00	4.00	66.00	5.00	10.00	64.00
TL13296	37.6	39.0	1368739	8.00	41.00	523.00	39.00	1.06	2.50	2.50	10.00	139.00	1796.00	10.00	35.00	5.00	5.00	25.00
TL13296	39.0	40.5	1368741	12.00	68.00	699.00	55.00	1.65	2.50	11.00	16.00	163.0	1817.00	13.00	39.00	13.00	6.00	60.00
TL13296	40.5	41.5	1368742	13.00	88.00	601.00	40.00	1.49	2.50	10.00	10.00	159.00	1429.00	14.00	32.00	5.00	4.00	27.00
TL13296	41.5	42.8	1368743	7.00	48.00	578.00	33.00	0.63	2.50	2.50	11.00	157.00	1347.00	7.00	25.00	5.00	4.00	26.00
TL13296	42.8	44.3	1368744	6.00	24.00	560.00	39.00	0.50	2.50	2.50	5.00	169.00	1606.00	12.00	29.00	5.00	5.00	35.00
TL13296	44.3	45.8	1368746	6.00	32.00	512.00	36.00	0.59	2.50	10.00	12.00	215.00	1621.00	9.00	31.00	5.00	4.00	28.00
TL13296	44.3	45.8	1368745	6.00	34.00	624.00	39.00	0.44	2.50	2.50	5.00	192.00	1712.00	6.00	33.00	5.00	5.00	37.00
TL13296	45.8	47.3	1368747	6.00	28.00	529.00	39.00	0.61	2.50	12.00	5.00	227.00	1776.00	14.00	35.00	5.00	4.00	34.00
TL13296	47.3	48.8	1368748	6.00	34.00	489.00	47.00	0.77	2.50	2.50	5.00	258.00	1511.00	7.00	32.00	5.00	4.00	61.00
TL13296	48.8	50.3	1368749	8.00	43.00	536.00	58.00	1.26	2.50	2.50	10.00	248.00	1551.00	4.00	34.00	5.00	4.00	73.00
TL13296	50.3	51.8	1368751	7.00	24.00	720.00	48.00	1.28	5.00	2.50	13.00	214.00	1829.00	25.00	40.00	13.00	7.00	116.00
TL13296	51.8	53.3	1368752	7.00	33.00	510.00	42.00	1.21	2.50	2.50	10.00	147.00	1365.00	4.00	30.00	5.00	5.00	66.00
TL13296	53.3	54.8	1368753	9.00	48.00	520.00	37.00	0.93	2.50	2.50	11.00	146.00	1401.00	9.00	28.00	5.00	5.00	48.00
TL13296	54.8	56.3	1368754	7.00	64.00	493.00	36.00	1.20	2.50	2.50	5.00	204.00	1664.00	7.00	42.00	5.00	8.00	62.00
TL13296	56.3	57.8	1368755	12.00	76.00	544.00	35.00	0.85	2.50	13.00	12.00	217.00	1950.00	11.00	36.00	5.00	5.00	51.00
TL13296	66.0	67.0	303617	4.00	21.00	421.00	65.00	0.17	2.50	2.50	10.00	215.00	1499.00	1.00	35.00	5.00	9.00	61.00
TL13296	67.0	68.0	303618	0.50	57.00	555.00	67.00	0.64	2.50	2.50	5.00	172.00	2157.00	8.00	91.00	5.00	9.00	151.00
TL13296	68.0	69.0	303619	0.50	55.00	559.00	44.00	0.93	2.50	2.50	5.00	161.00	2644.00	4.00	95.00	5.00	13.00	95.00
TL13296	69.0	70.0	303621	0.50	84.00	711.00	1822.00	1.89	15.00	2.50	5.00	191.00	3480.00	11.00	138.00	5.00	16.00	266.00
TL13296	70.0	71.0	303622	0.50	24.00	617.00	54.00	0.74	2.50	2.50	5.00	169.00	2422.00	4.00	55.00	5.00	8.00	70.00
TL13296	71.0	72.0	303623	0.50	39.00	568.00	39.00	1.03	2.50	2.50	5.00	145.00	2510.00	1.00	70.00	5.00	10.00	77.00
TL13296	72.0	73.0	303624	0.50	64.00	587.00	52.00	1.42	2.50	5.00	5.00	148.00	2854.00	5.00	98.00	5.00	15.00	117.00
TL13296	73.0	74.0	303626	0.50	78.00	638.00	93.00	2.69	2.50	2.50	11.00	169.00	2775.00	12.00	116.00	11.00	14.00	320.00
TL13296	73.0	74.0	303625	1.00	77.00	653.00	88.00	3.13	2.50	2.50	10.00	168.00	2845.00	2.00	119.00	5.00	15.00	312.00
TL13296	74.0	75.0	303627	0.50	24.00	548.00	43.00	1.00	2.50	2.50	5.00	190.00	2119.00	5.00	57.00	5.00	8.00	104.00
TL13296	75.0	76.5	1368756	4.00	26.00	485.00	98.00	0.89	2.50	11.00	13.00	150.00	1600.00	10.00	35.00	5.00	5.00	141.00
TL13296	76.5	78.0	1368757	14.00	82.00	430.00	300.00	2.31	2.50	6.00	5.00	81.00	2202.00	16.00	76.00	10.00	11.00	342.00
TL13296	78.0	79.5	1368758	13.00	82.00	684.00	58.00	1.27	2.50	2.50	5.00	142.00	2206.00	10.00	47.00	5.00	7.00	79.00
TL13296	79.5	81.0	1368759	10.00	65.00	551.00	45.00	0.55	2.50	2.50	13.00	133.00	2038.00	12.00	38.00	10.00	5.00	48.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13296	81.0	82.0	1368761	0.50	7.72	56.00	415.00	1.00	5.00	2.29	2.00	7.00	43.00	6.00	1.81	1.19	22.00	0.97	468.00
TL13296	82.0	83.0	1368762	0.50	11.83	83.00	592.00	1.00	3.00	3.50	2.00	12.00	89.00	15.00	2.68	1.66	35.00	1.30	578.00
TL13296	83.0	84.2	1368763	1.00	7.83	73.00	380.00	1.00	4.00	1.49	2.00	21.00	137.00	62.00	3.89	1.21	23.00	1.15	517.00
TL13296	84.2	85.2	1368764	1.00	7.37	92.00	380.00	1.00	0.50	1.06	2.00	21.00	123.00	38.00	3.05	1.45	20.00	0.65	264.00
TL13296	85.2	86.2	1368766	6.00	6.92	108.00	386.00	1.00	0.50	0.94	8.00	12.00	136.00	293.00	3.65	1.29	18.00	0.44	179.00
TL13296	85.2	86.2	1368765	5.00	6.58	98.00	360.00	1.00	0.50	1.08	8.00	12.00	103.00	236.00	3.05	1.32	18.00	0.51	179.00
TL13296	86.2	87.7	1368767	2.00	8.05	76.00	508.00	1.00	3.00	0.98	4.00	11.00	103.00	129.00	2.36	1.25	20.00	0.29	50.00
TL13296	87.7	88.7	1368768	3.00	8.28	70.00	546.00	1.00	3.00	1.20	7.00	6.00	56.00	103.00	1.71	1.43	21.00	0.39	155.00
TL13296	88.7	90.0	1368769	0.50	7.53	49.00	471.00	1.00	0.50	1.72	2.00	7.00	36.00	12.00	1.70	1.29	19.00	0.84	464.00
TL13296	90.0	91.5	1368771	2.00	10.05	59.00	645.00	1.00	3.00	2.65	4.00	9.00	56.00	62.00	2.01	1.31	27.00	0.98	539.00
TL13296	91.5	93.0	1368772	4.00	9.83	85.00	707.00	1.00	5.00	1.70	8.00	9.00	72.00	108.00	2.12	1.16	29.00	0.58	278.00
TL13296	93.0	94.5	1368773	1.00	9.19	64.00	575.00	1.00	3.00	2.41	2.00	15.00	119.00	39.00	2.82	1.36	31.00	1.22	502.00
TL13296	94.5	96.0	1368774	1.00	9.27	69.00	538.00	1.00	3.00	2.24	2.00	16.00	135.00	46.00	2.94	1.51	30.00	1.21	457.00
TL13296	96.0	97.5	1368775	1.00	8.18	68.00	569.00	1.00	4.00	2.50	2.00	14.00	115.00	37.00	2.61	1.56	28.00	1.16	562.00
TL13296	97.5	99.0	1368776	0.50	9.35	78.00	742.00	1.00	3.00	2.40	2.00	8.00	60.00	21.00	1.92	1.95	28.00	0.84	473.00
TL13296	99.0	100.0	1368777	1.00	8.19	82.00	583.00	1.00	2.00	1.45	8.00	12.00	131.00	54.00	2.07	1.43	24.00	0.48	259.00
TL13296	100.0	101.0	1368778	3.00	9.17	119.00	592.00	1.00	4.00	1.66	4.00	11.00	97.00	43.00	2.63	1.13	26.00	0.79	361.00
TL13296	101.0	102.5	1368779	1.00	9.36	120.00	565.00	1.00	0.50	1.97	4.00	17.00	128.00	40.00	2.96	1.26	28.00	0.94	378.00
TL13296	102.5	104.0	1368781	1.00	7.19	48.00	383.00	1.00	3.00	2.35	2.00	17.00	98.00	68.00	3.06	1.06	21.00	1.22	500.00
TL13296	104.0	105.0	1368782	2.00	9.01	52.00	552.00	1.00	6.00	1.69	2.00	17.00	114.00	39.00	2.81	1.37	29.00	1.21	428.00
TL13296	105.0	106.0	1368783	4.00	10.37	81.00	670.00	1.00	0.50	1.76	5.00	20.00	113.00	53.00	3.38	1.49	33.00	1.14	449.00
TL13296	106.0	107.5	1368784	2.00	9.82	66.00	750.00	1.00	1.00	3.10	2.00	6.00	36.00	31.00	1.69	1.46	29.00	1.15	852.00
TL13296	129.5	131.0	1368786	1.00	8.90	34.00	550.00	1.00	3.00	3.29	2.00	20.00	143.00	46.00	3.37	1.75	34.00	1.40	830.00
TL13296	129.5	131.0	1368785	1.00	9.85	40.00	604.00	1.00	0.50	3.47	2.00	22.00	160.00	54.00	3.61	1.52	39.00	1.48	869.00
TL13296	131.0	132.0	1368787	2.00	9.21	17.00	602.00	1.00	5.00	3.46	5.00	13.00	99.00	61.00	2.91	1.63	34.00	1.34	651.00
TL13296	132.0	133.5	1368788	1.00	10.95	42.00	721.00	1.00	1.00	3.60	2.00	7.00	39.00	23.00	1.75	1.18	34.00	1.25	583.00
TL13296	138.5	140.0	1368789	0.50	11.61	48.00	823.00	2.00	3.00	3.98	2.00	8.00	43.00	21.00	2.07	1.23	35.00	1.27	632.00
TL13296	140.0	141.5	1368791	1.00	10.40	46.00	730.00	1.00	2.00	3.17	4.00	6.00	37.00	13.00	1.59	1.15	33.00	0.94	419.00
TL13296	141.5	143.0	1368792	1.00	11.21	57.00	897.00	1.00	2.00	3.64	4.00	8.00	49.00	27.00	1.80	1.21	39.00	0.97	497.00
TL13296	143.0	144.5	1368793	0.50	9.64	66.00	762.00	2.00	5.00	2.94	2.00	8.00	34.00	32.00	1.86	1.57	30.00	1.18	590.00
TL13296	144.5	146.0	1368794	0.50	8.78	46.00	628.00	1.00	0.50	2.89	2.00	7.00	32.00	11.00	1.64	1.39	29.00	1.12	516.00
TL13296	146.0	147.0	1368795	0.50	7.46	42.00	486.00	1.00	3.00	3.14	4.00	6.00	27.00	54.00	1.75	1.32	22.00	1.25	610.00
TL13296	147.0	148.5	1368796	3.00	6.68	24.00	496.00	1.00	3.00	3.20	8.00	6.00	31.00	264.00	2.34	1.42	18.00	1.49	676.00
TL13296	148.5	150.0	1368797	0.50	8.64	42.00	542.00	1.00	5.00	3.83	2.00	7.00	32.00	63.00	2.13	1.45	27.00	1.72	836.00
TL13296	150.0	151.5	1368798	0.50	8.32	46.00	506.00	1.00	3.00	2.91	2.00	6.00	29.00	32.00	1.77	1.27	27.00	1.18	637.00
TL13296	151.5	153.0	1368799	0.50	7.54	38.00	487.00	1.00	4.00	2.25	4.00	8.00	29.00	25.00	1.62	1.20	29.00	0.97	597.00
TL13296	153.0	154.5	1368801	0.50	7.65	40.00	519.00	1.00	4.00	2.04	2.00	7.00	30.00	30.00	1.54	1.21	28.00	0.81	447.00
TL13296	154.5	156.0	1368802	1.00	8.05	47.00	567.00	1.00	0.50	3.57	5.00	8.00	27.00	66.00	1.90	1.09	27.00	1.57	926.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13296	81.0	82.0	1368761	8.00	53.00	513.00	42.00	1.14	2.50	5.00	5.00	88.00	1483.00	11.00	27.00	5.00	5.00	22.00
TL13296	82.0	83.0	1368762	16.00	104.00	717.00	56.00	1.27	2.50	21.00	13.00	165.00	1761.00	10.00	49.00	10.00	8.00	55.00
TL13296	83.0	84.2	1368763	9.00	106.00	569.00	68.00	1.88	2.50	2.50	10.00	68.00	1506.00	5.00	69.00	5.00	10.00	117.00
TL13296	84.2	85.2	1368764	9.00	98.00	529.00	77.00	2.04	2.50	2.50	10.00	54.00	1080.00	4.00	62.00	11.00	8.00	103.00
TL13296	85.2	86.2	1368766	23.00	181.00	427.00	378.00	2.89	2.50	2.50	5.00	55.00	890.00	9.00	50.00	33.00	5.00	1505.00
TL13296	85.2	86.2	1368765	17.00	135.00	347.00	654.00	2.38	6.00	2.50	10.00	57.00	749.00	10.00	37.00	30.00	5.00	1611.00
TL13296	86.2	87.7	1368767	14.00	106.00	468.00	292.00	1.91	2.50	2.50	14.00	60.00	895.00	7.00	46.00	16.00	6.00	523.00
TL13296	87.7	88.7	1368768	10.00	53.00	346.00	274.00	1.46	2.50	2.50	5.00	61.00	1327.00	13.00	30.00	29.00	4.00	1333.00
TL13296	88.7	90.0	1368769	7.00	42.00	440.00	68.00	1.23	2.50	2.50	5.00	67.00	1358.00	9.00	29.00	5.00	5.00	56.00
TL13296	90.0	91.5	1368771	11.00	63.00	454.00	152.00	1.38	2.50	6.00	12.00	93.00	1494.00	8.00	33.00	19.00	5.00	477.00
TL13296	91.5	93.0	1368772	10.00	58.00	451.00	789.00	1.67	9.00	8.00	15.00	78.00	1657.00	7.00	41.00	36.00	7.00	1606.00
TL13296	93.0	94.5	1368773	8.00	70.00	492.00	90.00	1.35	2.50	2.50	16.00	98.00	2087.00	10.00	60.00	10.00	11.00	197.00
TL13296	94.5	96.0	1368774	8.00	65.00	513.00	105.00	1.53	2.50	2.50	5.00	99.00	2273.00	12.00	70.00	10.00	11.00	176.00
TL13296	96.0	97.5	1368775	8.00	77.00	447.00	82.00	0.98	2.50	2.50	14.00	106.00	2314.00	6.00	60.00	15.00	9.00	354.00
TL13296	97.5	99.0	1368776	13.00	71.00	435.00	105.00	1.15	2.50	2.50	5.00	114.00	1743.00	7.00	37.00	12.00	6.00	189.00
TL13296	99.0	100.0	1368777	13.00	88.00	360.00	100.00	1.44	2.50	2.50	5.00	69.00	1779.00	8.00	53.00	31.00	9.00	1621.00
TL13296	100.0	101.0	1368778	9.00	66.00	413.00	513.00	1.84	2.50	2.50	5.00	78.00	1851.00	16.00	54.00	11.00	10.00	290.00
TL13296	101.0	102.5	1368779	11.00	82.00	435.00	79.00	2.01	2.50	9.00	12.00	93.00	1901.00	9.00	61.00	11.00	11.00	214.00
TL13296	102.5	104.0	1368781	7.00	69.00	433.00	68.00	1.50	2.50	5.00	5.00	98.00	1447.00	14.00	51.00	12.00	11.00	132.00
TL13296	104.0	105.0	1368782	8.00	74.00	353.00	71.00	1.15	2.50	2.50	12.00	81.00	1919.00	5.00	69.00	12.00	9.00	120.00
TL13296	105.0	106.0	1368783	9.00	88.00	519.00	229.00	1.98	2.50	2.50	16.00	86.00	2278.00	4.00	71.00	17.00	11.00	518.00
TL13296	106.0	107.5	1368784	6.00	29.00	479.00	81.00	0.45	5.00	8.00	10.00	109.00	1920.00	10.00	38.00	5.00	5.00	112.00
TL13296	129.5	131.0	1368786	7.00	79.00	509.00	55.00	1.06	2.50	2.50	12.00	122.00	2659.00	10.00	81.00	5.00	13.00	75.00
TL13296	129.5	131.0	1368785	7.00	79.00	579.00	57.00	1.22	2.50	2.50	15.00	127.00	3180.00	16.00	86.00	5.00	14.00	93.00
TL13296	131.0	132.0	1368787	11.00	66.00	480.00	255.00	1.12	2.50	6.00	10.00	122.00	2167.00	14.00	57.00	16.00	10.00	831.00
TL13296	132.0	133.5	1368788	6.00	31.00	521.00	97.00	0.41	2.50	8.00	5.00	127.00	1903.00	13.00	37.00	5.00	6.00	98.00
TL13296	138.5	140.0	1368789	7.00	32.00	585.00	79.00	0.49	2.50	5.00	17.00	154.00	2091.00	13.00	39.00	5.00	6.00	85.00
TL13296	140.0	141.5	1368791	8.00	32.00	430.00	97.00	0.51	5.00	2.50	5.00	134.00	1565.00	14.00	30.00	10.00	6.00	549.00
TL13296	141.5	143.0	1368792	8.00	26.00	471.00	72.00	0.67	2.50	2.50	10.00	156.00	1787.0	9.00	36.00	17.00	6.00	437.00
TL13296	143.0	144.5	1368793	5.00	33.00	514.00	91.00	0.73	2.50	2.50	5.00	136.00	1906.0	8.00	35.00	14.00	5.00	229.00
TL13296	144.5	146.0	1368794	5.00	33.00	474.00	56.00	0.52	2.50	7.00	12.00	115.00	1700.00	8.00	33.00	11.00	5.00	101.00
TL13296	146.0	147.0	1368795	4.00	25.00	373.00	188.00	0.81	2.50	7.00	5.00	96.00	1252.00	16.00	25.00	22.00	5.00	723.00
TL13296	147.0	148.5	1368796	5.00	33.00	369.00	609.00	1.14	2.50	2.50	10.00	121.00	1448.00	7.00	28.00	43.00	5.00	2027.00
TL13296	148.5	150.0	1368797	5.00	38.00	513.00	92.00	0.57	2.50	2.50	5.00	161.00	1786.00	20.00	35.00	11.00	6.00	299.00
TL13296	150.0	151.5	1368798	5.00	34.00	445.00	62.00	0.59	2.50	2.50	5.00	136.00	1457.00	14.00	29.00	5.00	5.00	192.00
TL13296	151.5	153.0	1368799	4.00	31.00	450.00	59.00	0.64	2.50	2.50	11.00	111.00	1521.00	9.00	29.00	15.00	5.00	483.00
TL13296	153.0	154.5	1368801	4.00	33.00	435.00	113.00	0.33	2.50	7.00	10.00	117.00	1723.00	6.00	31.00	5.00	4.00	123.00
TL13296	154.5	156.0	1368802	5.00	32.00	391.00	67.00	0.55	2.50	2.50	12.00	127.00	1424.00	10.00	30.00	18.00	5.00	1017.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13296	156.0	157.5	1368803	1.00	14.72	85.00	941.00	2.00	9.00	5.24	4.00	11.00	64.00	44.00	2.71	1.70	49.00	1.89	1010.00
TL13296	157.5	159.0	1368804	0.50	8.69	40.00	564.00	1.00	3.00	3.08	2.00	8.00	46.00	27.00	1.98	1.25	31.00	1.15	557.00
TL13296	159.0	160.5	1368805	0.50	6.74	41.00	489.00	1.00	2.00	2.09	2.00	9.00	39.00	13.00	1.92	1.15	29.00	0.92	383.00
TL13296	159.0	160.5	1368806	0.50	7.69	43.00	536.00	1.00	5.00	2.38	2.00	8.00	35.00	11.00	1.92	1.21	30.00	0.90	369.00
TL13296	160.5	162.0	1368807	1.00	9.01	90.00	554.00	1.00	2.00	1.85	6.00	19.00	137.00	99.00	3.64	1.38	38.00	1.17	635.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13296	156.0	157.5	1368803	11.00	61.00	733.00	98.00	0.50	2.50	18.00	12.00	210.00	1899.00	25.00	45.00	19.00	8.00	207.00
TL13296	157.5	159.0	1368804	5.00	39.00	441.00	47.00	0.26	2.50	2.50	5.00	117.00	1659.00	15.00	36.00	5.00	6.00	139.00
TL13296	159.0	160.5	1368805	5.00	35.00	466.00	42.00	0.25	2.50	2.50	14.00	88.00	1650.00	5.00	36.00	5.00	6.00	65.00
TL13296	159.0	160.5	1368806	5.00	32.00	458.00	43.00	0.27	2.50	2.50	5.00	105.00	1702.00	10.00	37.00	5.00	5.00	62.00
TL13296	160.5	162.0	1368807	7.00	78.00	499.00	166.00	1.76	2.50	2.50	15.00	100.00	1640.00	4.00	76.00	17.00	9.00	918.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13296	27.0	33.0	6.0	PY	ST	3	3% py in 1-5mm wide stringers oriented semi-parallel to foliation and along margins of qtz veins, condensed patches of stringers in the 1st meter of the hole
TL13296	27.0	33.0	6.0	PB	BLB	0.1	Trace gal blebs associated w/ py stringers and boudinaged qtz veins
TL13296	27.0	33.0	6.0	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation, typically found w/ py on margins of qtz veins
TL13296	27.0	33.0	6.0	PY	DISS	1	1% disseminated py throughout the interval
TL13296	33.0	37.6	4.6	PY	ST	0.1	Trace py in 1-3mm wide stringers typically observed on margins of qtz-amph veins
TL13296	33.0	37.6	4.6	PY	DISS	0.1	Trace disseminated py throughout
TL13296	37.6	42.8	5.2	PY	DISS	2	2% disseminated py throughout the interval
TL13296	37.6	42.8	5.2	PY	BLB	0.1	Trace py blebs found along margins of qtz veins
TL13296	42.8	84.2	41.4	PY	DISS	1	1% disseminated py throughout the interval
TL13296	42.8	84.2	41.4	PY	ST	2	2% PY IN 1-4mm wide stringers oriented semi-parallel to foliation and along margins of qtz-amph veins
TL13296	42.8	84.2	41.4	PO	BLB	0.1	Trace to 1% po blebs typically found within qtz-amph veins
TL13296	46.0	49.0	3.0	PY	BDS	2	2% bleb disseminated py throughout this interval
TL13296	68.0	79.0	11.0	SPH	ST	0.1	
TL13296	83.0	84.2	1.2	PY	BDS	1	1% bleb diss py towards lower contact
TL13296	84.2	85.0	0.8	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13296	84.2	93.0	8.8	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13296	84.2	93.0	8.8	CP	BLB	0.1	Trace cpy blebs typically found w/ py in and on margins of qtz veins
TL13296	84.2	93.0	8.8	SPH	ST	2	2% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13296	84.2	93.0	8.8	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13296	85.0	86.1	1.1	PY	ST	4	4% py in 1-13mm wide stringers oriented semi-parallel to foliation
TL13296	86.1	93.0	6.9	PY	ST	2	2% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13296	93.0	162.0	69.0	CP	BLB	0.1	Trace cpy blebs associated w/ po in veins
TL13296	93.0	162.0	69.0	PY	DISS	1	1% disseminated py throughout the interval
TL13296	93.0	162.0	69.0	PO	BLB	0.1	Trace po blebs in and on margins of qtz-amph veins
TL13296	93.0	162.0	69.0	PY	ST	2	2% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL13296	99.0	106.0	7.0	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13296	99.0	106.0	7.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13296	131.8	162.0	30.2	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation along margins of qtz-amph veins
TL13296	131.8	162.0	30.2	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13296	27.0	33.0	6.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13296	28.2	29.0	0.8	FTZ	Weak	60	Small fault zone infilled w/ gouge oriented parallel to foliation
TL13296	32.8	32.9	0.1	Fold	Weak	30	Weak F2 folding oriented at 30 deg TCA
TL13296	33.0	35.0	2.1	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13296	35.0	37.6	2.6	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13296	37.6	42.8	5.2	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13296	37.6	42.8	5.2	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13296	42.8	84.2	41.4	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13296	42.8	84.2	41.4	FOL	Very Strong	55	Strong to very strong foliation at 55 deg TCA
TL13296	84.0	84.2	0.2	Fold	Strong	40	Large F2 sheath fold oriented at 40 deg TCA
TL13296	84.2	89.4	5.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13296	87.0	87.3	0.3	FTZ	Weak	55	Weak fault zone oriented parallel to foliation
TL13296	89.4	90.7	1.3	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13296	90.7	93.0	2.3	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13296	93.0	105.0	12.0	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13296	93.0	162.0	69.0	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13296	96.8	96.9	0.1	Fold	Very Weak	50	V. weak F2 folding oriented at 50 deg TCA
TL13296	105.0	118.0	13.0	FOL	Moderate	65	Moderate foliation at 65 deg TCA
TL13296	118.0	123.9	5.9	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13296	123.9	134.8	11.0	FOL	Moderate	65	Moderate foliation at 65 deg TCA
TL13296	131.1	131.3	0.2	Fold	Moderate	45	Moderate F2 folding oriented at 45 deg TCA
TL13296	131.1	131.3	0.2	Fold	Moderate	8	Moderate F2 folding oriented at 8 deg TCA
TL13296	134.8	141.6	6.8	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13296	141.6	162.0	20.4	FOL	Strong	60	Strong foliation at 60 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13296	27.0	33.0	6.0	SI	Patchy	Moderate	Moderate patchy sil alt throughout the interval
TL13296	27.0	33.0	6.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13296	33.0	37.6	4.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13296	33.0	37.6	4.6	SI	Patchy	Moderate	Moderate patchy silicification
TL13296	37.6	41.8	4.2	SR	Pervasive	Very Strong	V. strong pervasive ser alt, 95% ser to 5% bio
TL13296	37.6	42.8	5.2	SI	Patchy	Weak	Weak patchy silicification
TL13296	41.8	42.8	1.1	SR	Patchy	Very Strong	V. strong patchy ser alt, 95% ser to 5% bio
TL13296	42.8	54.7	11.9	SR	Patchy	Moderate	Moderate patchy ser alt, 35% ser to 65% bio
TL13296	42.8	56.1	13.3	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13296	54.7	76.4	21.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13296	56.1	76.4	20.3	SI	Patchy	Moderate	Moderate to strong patchy sil alt
TL13296	76.4	78.0	1.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13296	76.4	78.0	1.6	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13296	78.0	84.2	6.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13296	78.0	84.2	6.2	SI	Pervasive	Weak	Weak patchy sil alt
TL13296	84.2	93.0	8.8	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13296	84.2	93.0	8.8	SI	Patchy	Weak	Weak patchy silicification
TL13296	93.0	117.0	24.0	SI	Patchy	Weak	Weak patchy silicification
TL13296	93.0	117.0	24.0	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13296	117.0	139.5	22.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13296	117.0	140.8	23.8	SI	Patchy	Moderate	Moderate patchy sil alt
TL13296	139.5	162.0	22.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13296	140.8	162.0	21.2	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13296	27	30	3	2.94	0.68	98	22.67		SRP
TL13296	30	33	3	3.07	2.18	102.33	72.67	22	
TL13296	33	36	3	2.99	2.55	99.67	85	9	
TL13296	36	39	3	3.04	2.88	101.33	96	12	
TL13296	39	42	3	2.96	2.79	98.67	93	12	
TL13296	42	45	3	3.02	3.02	100.67	100.67	7	
TL13296	45	48	3	2.8	1.3	93.33	43.33	42	
TL13296	48	51	3	2.99	2.61	99.67	87	9	
TL13296	51	54	3	2.98	2.79	99.33	93	9	
TL13296	54	57	3	3.01	2.82	100.33	94	7	
TL13296	57	60	3	3.03	2.91	101	97	7	
TL13296	60	63	3	2.99	2.14	99.67	71.33	25	
TL13296	63	66	3	3.04	2.32	101.33	77.33	12	
TL13296	66	69	3	2.96	2.23	98.67	74.33	34	
TL13296	69	72	3	3.01	2.48	100.33	82.67	11	
TL13296	72	75	3	2.99	2.82	99.67	94	8	
TL13296	75	78	3	3.08	2.72	102.67	90.67	12	
TL13296	78	81	3	3	2.76	100	92	8	
TL13296	81	84	3	2.95	2.66	98.33	88.67	11	
TL13296	84	87	3	3.02	2.78	100.67	92.67	7	
TL13296	87	90	3	2.97	2.59	99	86.33	17	
TL13296	90	93	3	2.95	2.78	98.33	92.67	13	
TL13296	93	96	3	3.02	2.8	100.67	93.33	8	
TL13296	96	99	3	2.94	2.62	98	87.33	7	
TL13296	99	102	3	3.05	2.92	101.67	97.33	12	
TL13296	102	105	3	2.98	2.85	99.33	95	8	
TL13296	105	108	3	2.94	2.16	98	72	14	
TL13296	108	111	3	3.01	2.85	100.33	95	7	
TL13296	111	114	3	3	2.89	100	96.33	10	
TL13296	114	117	3	3.06	2.5	102	83.33	22	
TL13296	117	120	3	2.95	2.36	98.33	78.67	14	
TL13296	120	123	3	2.97	2.89	99	96.33	9	
TL13296	123	126	3	3.03	2.75	101	91.67	7	
TL13296	126	129	3	2.95	2.76	98.33	92	7	
TL13296	129	132	3	3.05	3.05	101.67	101.67	7	
TL13296	132	135	3	2.94	2.94	98	98	5	
TL13296	135	138	3	2.95	2.46	98.33	82	10	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13296	138	141	3	2.98	2.85	99.33	95	7	
TL13296	141	144	3	3	2.89	100	96.33	5	
TL13296	144	147	3	2.97	2.97	99	99	4	
TL13296	147	150	3	2.99	2.93	99.67	97.67	8	
TL13296	150	153	3	2.96	2.9	98.67	96.67	2	
TL13296	153	156	3	3	2.55	100	85	13	
TL13296	156	159	3	3	2.9	100	96.67	5	
TL13296	159	162	3	2.99	2.7	99.67	90	13	

DETAILED LOG

Hole Number: TL13297

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5512016.57	North:	Collar Az: 0.00
Location: Zealand Township	East: 528101.29	East:	Length: 158.25
	Elev: 395.27	Elev:	Start Depth: 0.00
Date Started: Jan 08, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 09, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 158.25

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

MSS Possible Hanging Wall 59.59m-66.76m

This MSS has very strong patchy sericitic alteration and moderate patchy silicification. This unit is mineralized with about 1% disseminated pyrite throughout, 2% pyrite in stringers, trace sphalerite stringers, and trace galena blebs.

MSS C-Zone from 88.58-110.33m

This C-Zone MSS unit has very strong patchy sericitic alteration and weak to strong patchy silicification. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, 1% galena blebs, 1% disseminated pyrite, trace chalcopyrite and trace AU fleck at 100.65m.

VG in 1mm speck found in irregular qtz vein at 100.65m depth, does not appear to be associated with any other type of mineralization.

This BMS unit has very weak patchy sericitic alteration except for between 141.5-144.04m where it is very strong and patchy. The silicification in this unit is strong and patchy to semi-pervasive. Parts of this unit are very well mineralized.

the Best mineralized intervals are between 135-136m where there is 6% pyrrhotite in stockwork stringers, 1% sphalerite in stringers, 1% disseminated pyrite, 1% pyrite in stringers, trace galena blebs and trace chalcopyrite blebs. Between 143.5-144m there is a patch of semi-massive sphalerite making up 40% of the interval.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	4.00	-50.00	EZ Sho	OK		27.00	4.80	-48.90	EZ Sho	OK	
51.00	5.00	-48.00	EZ Sho	OK		102.00	4.70	-47.00	EZ Sho	OK	
150.00	5.00	-46.70	EZ Sho	OK		158.25	5.30	-46.40	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	16.95	OB, Overburden									
16.95	20.51	BMS, Biotite Muscovite Schist	1368808	19.00	20.50	1.50	0.04				
		This BMS unit has weak patchy sericitic alteration and moderate patchy silicification. This unit contains 2% disseminated pyrite and about 4% pyrite in stringers.	1368809	20.50	22.00	1.50	0.05				
20.51	29.72	MSS, Muscovite Sericite Schist	1368811	22.00	23.50	1.50	0.02				
		This MSS unit has strong patchy sericitic alteration and moderate to strong patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite with local blebs in qtz veins.	1368812	23.50	25.00	1.50	0.00				
			1368813	25.00	26.50	1.50	0.00				
			1368814	26.50	27.50	1.00	0.00				
			1368815	27.50	28.50	1.00	0.00				
			1368816	28.50	29.70	1.20	0.00				
			1368817	29.70	31.20	1.50	0.00				

DETAILED LOG

Hole Number: TL13297

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
29.72	59.59	BMS, Biotite Muscovite Schist This BMS unit has weak to very weak patchy sericitic alteration and moderate patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, 3% pyrite in stringers, and trace amounts of pyrrhotite blebs.	1368818	58.10	59.60	1.50	0.10				
59.59	66.76	MSS, Muscovite Sericite Schist MSS Possible Hanging Wall 59.59m-66.76m This MSS has very strong patchy sericitic alteration and moderate patchy silicification. This unit is mineralized with about 1% disseminated pyrite throughout, 2% pyrite in stringers, trace sphalerite stringers, and trace galena blebs.	1368819	59.60	61.10	1.50	0.16				
			1368821	61.10	62.60	1.50	0.72				
			1368822	62.60	64.10	1.50	0.05				
			1368823	64.10	65.60	1.50	0.06				
			1368824	65.60	66.80	1.20	0.13				
66.76	88.58	BMS, Biotite Muscovite Schist This BMS unit has weak to very weak patchy sericitic alteration and weak patchy silicification. This unit contains about 2% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers (from 81m-85m) and trace pyrrhotite blebs. From 81m-85m looks like it is the top of the C-Zone with a 2-3m break before transitioning to C-Zone MSS unit.	1368826	66.80	68.30	1.50	0.13				
			1368825	66.80	68.30	1.50	0.14				
			1368827	81.50	83.00	1.50	0.24				
			1368828	83.00	84.50	1.50	0.29				
			1368829	84.50	86.00	1.50	0.17				
			1368831	86.00	87.50	1.50	0.26				
			1368832	87.50	88.60	1.10	0.37				
88.58	110.33	MSS, Muscovite Sericite Schist MSS C-Zone from 88.58-110.33m This C-Zone MSS unit has very strong patchy sericitic alteration and weak to strong patchy silicification. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, 1% galena blebs, 1% disseminated pyrite, trace chalcopyrite and trace AU fleck at 100.65m. VG in 1mm speck found in irregular qtz vein at 100.65m depth, does not appear to be associated with any other type of mineralization.	1368833	88.60	90.00	1.40	0.20				
			1368834	90.00	91.00	1.00	0.15				
			1368835	91.00	92.00	1.00	0.86				
			1368836	92.00	93.00	1.00	0.32				
			1368837	93.00	94.50	1.50	0.13				
			1368838	94.50	95.50	1.00	0.42				
			1368839	95.50	97.00	1.50	0.05				
			1368841	97.00	98.50	1.50	0.18				
			1368842	98.50	100.00	1.50	0.13				
			1368843	100.00	100.80	0.80	0.13				
			1368844	100.80	102.30	1.50	0.16				
			1368845	102.30	103.80	1.50	1.31				
			1368846	102.30	103.80	1.50	0.38				
			1368847	103.80	104.80	1.00	0.11				
			1368848	104.80	105.80	1.00	0.10				
			1368849	105.80	106.80	1.00	1.46				
			1368851	106.80	108.30	1.50	0.06				
			1368852	108.30	109.30	1.00	0.11				
			1368853	109.30	110.30	1.00	0.29				
			1368854	110.30	111.80	1.50	0.06				

Hole Number: TL13297

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
110.33	158.25	BMS, Biotite Muscovite Schist	1368855	133.50	135.00	1.50	0.03				
		This BMS unit has very weak patchy sericitic alteration except for between 141.5-144.04m where it is very strong and patchy. The silicification in this unit is strong and patchy to semi-pervasive. Parts of this unit are very well mineralized. the Best mineralized intervals are between 135-136m where there is 6% pyrrhotite in stockwork stringers, 1% sphalerite in stringers, 1% disseminated pyrite, 1% pyrite in stringers, trace galena blebs and trace chalcopyrite blebs. Between 143.5-144m there is a patch of semi-massive sphalerite making up 40% of the interval.	1368856	135.00	136.00	1.00	0.19				
			1368857	136.00	137.50	1.50	0.02				
			1368858	137.50	139.00	1.50	0.01				
			1368859	139.00	140.50	1.50	0.03				
			1368861	140.50	141.50	1.00	0.02				
			1368862	141.50	143.00	1.50	0.05				
			1368863	143.00	144.00	1.00	0.04				
			1368864	144.00	145.50	1.50	0.07				
			1368865	145.50	147.00	1.50	0.02				
			1368866	145.50	147.00	1.50	0.02				
			1368867	147.00	148.50	1.50	0.02				
			1368868	148.50	150.00	1.50	0.01				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368808	19.00	20.50	0.0370				
1368809	20.50	22.00	0.0450				
1368811	22.00	23.50	0.0200				
1368812	23.50	25.00	0.0005				
1368813	25.00	26.50	0.0005				
1368814	26.50	27.50	0.0005				
1368815	27.50	28.50	0.0005				
1368816	28.50	29.70	0.0005				
1368817	29.70	31.20	0.0005				
1368818	58.10	59.60	0.1000				
1368819	59.60	61.10	0.1550				
1368821	61.10	62.60	0.7170				
1368822	62.60	64.10	0.0500				
1368823	64.10	65.60	0.0570				
1368824	65.60	66.80	0.1300				
1368825	66.80	68.30	0.1440				
1368827	81.50	83.00	0.2410				
1368828	83.00	84.50	0.2850				
1368829	84.50	86.00	0.1700				
1368831	86.00	87.50	0.2550				
1368832	87.50	88.60	0.3650				
1368833	88.60	90.00	0.1950				
1368834	90.00	91.00	0.1470				
1368835	91.00	92.00	0.8560				

Hole Number: TL13297

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368836	92.00	93.00	0.3240				
1368837	93.00	94.50	0.1290				
1368838	94.50	95.50	0.4180				
1368839	95.50	97.00	0.0530				
1368841	97.00	98.50	0.1810				
1368842	98.50	100.00	0.1250				
1368843	100.00	100.80	0.1250				
1368844	100.80	102.30	0.1600				
1368845	102.30	103.80	1.3130				
1368847	103.80	104.80	0.1050				
1368848	104.80	105.80	0.1000				
1368849	105.80	106.80	1.4640				
1368851	106.80	108.30	0.0550				
1368852	108.30	109.30	0.1130				
1368853	109.30	110.30	0.2850				
1368854	110.30	111.80	0.0550				
1368855	133.50	135.00	0.0250				
1368856	135.00	136.00	0.1910				
1368857	136.00	137.50	0.0190				
1368858	137.50	139.00	0.0100				
1368859	139.00	140.50	0.0300				
1368861	140.50	141.50	0.0150				
1368862	141.50	143.00	0.0510				
1368863	143.00	144.00	0.0370				
1368864	144.00	145.50	0.0720				
1368865	145.50	147.00	0.0210				
1368867	147.00	148.50	0.0170				
1368868	148.50	150.00	0.0100				
Sample Type	CDUP						
1368826	66.80	68.30	0.1270				
1368846	102.30	103.80	0.3780				
1368866	145.50	147.00	0.0220				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13297	19.0	20.5	1368808	5.00	1.20	2.00	160.00	1.00	14.00	0.95	2.00	8.00	28.00	20.00	5.15	0.01	7.00	1.15	1084.00
TL13297	20.5	22.0	1368809	3.00	1.58	3.00	203.00	1.00	17.00	0.61	2.00	4.00	26.00	4.00	1.46	0.06	2.00	0.36	269.00
TL13297	22.0	23.5	1368811	3.00	3.98	10.00	340.00	1.00	11.00	1.34	2.00	5.00	22.00	9.00	1.20	0.01	9.00	0.73	345.00
TL13297	23.5	25.0	1368812	0.50	2.38	7.00	208.00	1.00	15.00	1.79	2.00	4.00	20.00	6.00	1.12	0.01	5.00	1.13	198.00
TL13297	25.0	26.5	1368813	1.00	4.80	14.00	327.00	1.00	8.00	2.10	2.00	5.00	28.00	7.00	1.25	0.08	17.00	1.61	200.00
TL13297	26.5	27.5	1368814	1.00	3.07	9.00	336.00	1.00	17.00	0.71	2.00	8.00	18.00	15.00	1.54	0.01	11.00	0.93	146.00
TL13297	27.5	28.5	1368815	0.50	3.08	5.00	314.00	1.00	3.00	0.64	2.00	5.00	22.00	4.00	1.34	0.06	6.00	0.31	112.00
TL13297	28.5	29.7	1368816	0.50	1.71	6.00	243.00	1.00	11.00	0.41	2.00	5.00	19.00	8.00	1.29	0.01	5.00	0.55	211.00
TL13297	29.7	31.2	1368817	0.50	2.83	11.00	272.00	1.00	15.00	1.27	2.00	5.00	20.00	6.00	1.30	0.01	8.00	0.90	269.00
TL13297	58.1	59.6	1368818	1.00	2.83	8.00	354.00	1.00	17.00	1.32	2.00	19.00	123.00	53.00	3.54	0.01	9.00	1.29	888.00
TL13297	59.6	61.1	1368819	0.50	0.93	34.00	380.00	1.00	13.00	0.44	2.00	11.00	75.00	22.00	2.27	0.01	0.50	0.46	281.00
TL13297	61.1	62.6	1368821	1.00	0.01	36.00	287.00	1.00	1.00	0.01	2.00	9.00	42.00	32.00	1.96	0.30	0.50	0.17	50.00
TL13297	62.6	64.1	1368822	1.00	1.66	19.00	340.00	1.00	18.00	1.11	2.00	13.00	51.00	26.00	2.72	0.01	9.00	0.89	441.00
TL13297	64.1	65.6	1368823	2.00	4.63	34.00	535.00	1.00	14.00	1.76	2.00	10.00	50.00	10.00	2.28	0.01	9.00	1.00	440.00
TL13297	65.6	66.8	1368824	1.00	0.98	31.00	355.00	1.00	12.00	0.01	2.00	6.00	20.00	8.00	1.51	0.01	0.50	0.27	118.00
TL13297	66.8	68.3	1368825	1.00	3.16	39.00	335.00	1.00	15.00	1.65	2.00	7.00	24.00	21.00	1.71	0.01	5.00	1.01	726.00
TL13297	66.8	68.3	1368826	0.50	2.76	22.00	303.00	1.00	0.50	1.57	2.00	7.00	18.00	17.00	1.70	0.01	5.00	1.01	717.00
TL13297	81.5	83.0	1368827	2.00	7.20	60.00	497.00	1.00	28.00	1.53	2.00	19.00	154.00	40.00	3.60	0.33	19.00	1.40	600.00
TL13297	83.0	84.5	1368828	1.00	5.25	96.00	398.00	1.00	0.50	0.27	2.00	19.00	157.00	34.00	2.72	0.10	6.00	0.46	150.00
TL13297	84.5	86.0	1368829	1.00	5.00	13.00	361.00	1.00	11.00	0.94	2.00	20.00	138.00	41.00	3.41	0.01	11.00	1.63	539.00
TL13297	86.0	87.5	1368831	0.50	3.37	12.00	271.00	1.00	8.00	0.49	2.00	16.00	112.00	27.00	3.00	0.01	7.00	1.58	418.00
TL13297	87.5	88.6	1368832	2.00	8.21	7.00	452.00	2.00	13.00	0.88	2.00	23.00	149.00	49.00	4.44	0.37	20.00	1.94	641.00
TL13297	88.6	90.0	1368833	1.00	6.81	69.00	407.00	1.00	52.00	1.26	2.00	15.00	125.00	33.00	2.83	0.33	13.00	1.12	470.00
TL13297	90.0	91.0	1368834	1.00	7.54	63.00	448.00	1.00	30.00	1.67	2.00	17.00	104.00	59.00	3.12	0.33	16.00	1.55	776.00
TL13297	91.0	92.0	1368835	2.00	3.99	57.00	163.00	1.00	0.50	0.03	5.00	5.00	18.00	81.00	1.82	0.04	4.00	0.46	165.00
TL13297	92.0	93.0	1368836	2.00	6.13	57.00	307.00	1.00	36.00	0.01	2.00	7.00	32.00	36.00	1.67	0.31	9.00	0.47	124.00
TL13297	93.0	94.5	1368837	0.50	4.92	44.00	219.00	1.00	9.00	1.30	2.00	6.00	23.00	24.00	1.50	0.25	9.00	1.12	724.00
TL13297	94.5	95.5	1368838	3.00	6.17	43.00	287.00	1.00	37.00	0.75	4.00	7.00	23.00	40.00	1.70	0.21	13.00	0.82	421.00
TL13297	95.5	97.0	1368839	0.50	5.07	41.00	204.00	1.00	35.00	1.34	2.00	7.00	39.00	14.00	1.59	0.26	10.00	1.06	589.00
TL13297	97.0	98.5	1368841	3.00	3.53	43.00	444.00	1.00	17.00	0.94	2.00	8.00	46.00	24.00	1.70	0.12	8.00	0.82	457.00
TL13297	98.5	100.0	1368842	0.50	3.54	49.00	367.00	1.00	21.00	1.36	2.00	7.00	31.00	36.00	1.68	0.02	8.00	1.02	717.00
TL13297	100.0	100.8	1368843	0.50	4.10	73.00	391.00	1.00	1.00	1.68	2.00	16.00	132.00	69.00	2.47	0.03	8.00	1.10	685.00
TL13297	100.8	102.3	1368844	0.50	2.49	82.00	294.00	1.00	16.00	0.70	2.00	17.00	117.00	34.00	3.12	0.01	4.00	0.86	419.00
TL13297	102.3	103.8	1368845	1.00	3.30	91.00	367.00	1.00	5.00	0.79	2.00	9.00	33.00	51.00	2.40	0.08	6.00	0.69	315.00
TL13297	102.3	103.8	1368846	2.00	4.63	114.00	451.00	2.00	10.00	1.01	2.00	10.00	44.00	71.00	3.03	0.43	10.00	0.88	382.00
TL13297	103.8	104.8	1368847	0.50	3.15	54.00	371.00	1.00	19.00	1.49	2.00	7.00	23.00	16.00	1.77	0.01	8.00	1.01	634.00
TL13297	104.8	105.8	1368848	0.50	3.26	35.00	315.00	1.00	13.00	1.59	2.00	8.00	24.00	13.00	1.68	0.01	8.00	1.12	708.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13297	19.0	20.5	1368808	0.50	26.00	214.00	18.00	3.23	2.50	2.50	5.00	85.00	1082.00	4.00	23.00	5.00	7.00	177.00
TL13297	20.5	22.0	1368809	0.50	30.00	265.00	27.00	1.41	2.50	2.50	5.00	96.00	995.00	1.00	18.00	5.00	2.00	98.00
TL13297	22.0	23.5	1368811	0.50	24.00	410.00	32.00	1.47	2.50	2.50	5.00	144.00	1471.00	8.00	27.00	5.00	2.00	37.00
TL13297	23.5	25.0	1368812	0.50	26.00	386.00	13.00	1.06	5.00	2.50	5.00	158.00	1322.00	3.00	27.00	5.00	2.00	20.00
TL13297	25.0	26.5	1368813	0.50	33.00	515.00	22.00	1.21	8.00	2.50	5.00	196.00	1479.00	1.00	37.00	5.00	2.00	28.00
TL13297	26.5	27.5	1368814	0.50	32.00	475.00	12.00	1.71	6.00	2.50	5.00	125.00	1374.00	1.00	33.00	5.00	2.00	61.00
TL13297	27.5	28.5	1368815	0.50	32.00	393.00	16.00	1.65	2.50	2.50	5.00	108.00	1147.00	9.00	24.00	5.00	2.00	42.00
TL13297	28.5	29.7	1368816	0.50	29.00	357.00	16.00	1.39	2.50	2.50	5.00	87.00	990.00	1.00	20.00	5.00	2.00	31.00
TL13297	29.7	31.2	1368817	0.50	28.00	349.00	16.00	1.25	2.50	2.50	5.00	133.00	1144.00	4.00	22.00	5.00	2.00	30.00
TL13297	58.1	59.6	1368818	0.50	79.00	472.00	65.00	1.35	2.50	2.50	5.00	157.00	1953.00	1.00	69.00	5.00	11.00	118.00
TL13297	59.6	61.1	1368819	0.50	66.00	372.00	69.00	2.57	2.50	2.50	5.00	77.00	1046.00	1.00	42.00	5.00	6.00	115.00
TL13297	61.1	62.6	1368821	0.50	53.00	372.00	88.00	2.20	2.50	2.50	5.00	46.00	781.00	1.00	28.00	5.00	5.00	388.00
TL13297	62.6	64.1	1368822	0.50	53.00	476.00	127.00	2.82	2.50	2.50	5.00	115.00	1362.00	5.00	39.00	5.00	6.00	72.00
TL13297	64.1	65.6	1368823	0.50	63.00	578.00	209.00	4.50	2.50	2.50	5.00	156.00	1589.00	1.00	36.00	10.00	4.00	270.00
TL13297	65.6	66.8	1368824	0.50	30.00	437.00	118.00	1.75	2.50	2.50	5.00	47.00	1051.00	1.00	22.00	11.00	2.00	317.00
TL13297	66.8	68.3	1368825	0.50	37.00	520.00	51.00	1.40	2.50	2.50	5.00	100.00	1370.00	5.00	26.00	5.00	3.00	100.00
TL13297	66.8	68.3	1368826	0.50	35.00	479.00	45.00	1.46	2.50	2.50	5.00	94.00	1319.00	1.00	25.00	5.00	3.00	84.00
TL13297	81.5	83.0	1368827	0.50	83.00	482.00	52.00	2.93	6.00	2.50	5.00	98.00	1610.00	4.00	79.00	12.00	7.00	298.00
TL13297	83.0	84.5	1368828	0.50	86.00	505.00	49.00	2.84	6.00	2.50	5.00	58.00	1419.00	8.00	92.00	18.00	5.00	860.00
TL13297	84.5	86.0	1368829	0.50	92.00	501.00	51.00	2.01	6.00	2.50	5.00	69.00	1434.00	1.00	83.00	5.00	6.00	70.00
TL13297	86.0	87.5	1368831	0.50	68.00	356.00	58.00	1.80	2.50	2.50	5.00	59.00	1388.00	4.00	68.00	5.00	4.00	120.00
TL13297	87.5	88.6	1368832	0.50	104.00	547.00	64.00	4.39	9.00	2.50	5.00	71.00	2056.00	1.00	87.00	16.00	8.00	155.00
TL13297	88.6	90.0	1368833	0.50	79.00	533.00	57.00	4.13	2.50	2.50	5.00	83.00	1800.00	1.00	62.00	11.00	10.00	137.00
TL13297	90.0	91.0	1368834	0.50	80.00	610.00	64.00	3.69	7.00	2.50	5.00	117.00	2192.00	1.00	61.00	5.00	11.00	176.00
TL13297	91.0	92.0	1368835	0.50	37.00	293.00	232.00	3.70	2.50	2.50	5.00	47.00	966.00	1.00	20.00	33.00	5.00	2301.00
TL13297	92.0	93.0	1368836	0.50	51.00	421.00	134.00	3.01	6.00	2.50	5.00	50.00	1497.00	1.00	29.00	22.00	6.00	773.00
TL13297	93.0	94.5	1368837	0.50	35.00	457.00	116.00	1.94	2.50	2.50	5.00	73.00	1312.00	1.00	25.00	11.00	5.00	424.00
TL13297	94.5	95.5	1368838	0.50	31.00	435.00	471.00	2.78	2.50	2.50	5.00	79.00	1531.00	1.00	29.00	23.00	6.00	1189.00
TL13297	95.5	97.0	1368839	0.50	60.00	452.00	73.00	1.60	2.50	9.00	5.00	80.00	1372.00	1.00	27.00	5.00	5.00	103.00
TL13297	97.0	98.5	1368841	0.50	64.00	438.00	425.00	1.35	6.00	2.50	5.00	68.00	1783.00	1.00	41.00	13.00	4.00	243.00
TL13297	98.5	100.0	1368842	0.50	26.00	463.00	72.00	1.66	2.50	2.50	5.00	78.00	1423.00	1.00	33.00	15.00	4.00	207.00
TL13297	100.0	100.8	1368843	0.50	74.00	483.00	75.00	2.31	2.50	2.50	5.00	92.00	1711.00	1.00	66.00	5.00	9.00	156.00
TL13297	100.8	102.3	1368844	0.50	63.00	437.00	69.00	3.07	2.50	2.50	5.00	61.00	1831.00	1.00	58.00	5.00	9.00	126.00
TL13297	102.3	103.8	1368845	0.50	42.00	443.00	109.00	2.91	5.00	2.50	5.00	67.00	1467.00	1.00	33.00	13.00	4.00	532.00
TL13297	102.3	103.8	1368846	0.50	65.00	577.00	142.00	3.44	11.00	5.00	5.00	76.00	1525.00	1.00	39.00	18.00	5.00	411.00
TL13297	103.8	104.8	1368847	0.50	32.00	453.00	63.00	1.81	2.50	2.50	5.00	72.00	1389.00	7.00	28.00	5.00	3.00	94.00
TL13297	104.8	105.8	1368848	0.50	35.00	470.00	68.00	1.30	6.00	2.50	5.00	69.00	1520.00	2.00	29.00	5.00	3.00	261.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13297	105.8	106.8	1368849	5.00	3.15	90.00	464.00	1.00	12.00	0.76	7.00	7.00	28.00	146.00	3.03	0.09	7.00	0.66	363.00
TL13297	106.8	108.3	1368851	1.00	6.22	58.00	505.00	2.00	31.00	3.13	2.00	9.00	34.00	26.00	2.40	0.24	18.00	1.85	975.00
TL13297	108.3	109.3	1368852	0.50	3.22	32.00	410.00	1.00	14.00	1.28	2.00	9.00	26.00	19.00	1.96	0.23	8.00	0.98	502.00
TL13297	109.3	110.3	1368853	4.00	1.97	63.00	332.00	1.00	12.00	0.60	2.00	6.00	38.00	52.00	1.86	0.35	6.00	0.77	359.00
TL13297	110.3	111.8	1368854	0.50	2.58	21.00	318.00	1.00	5.00	2.00	2.00	8.00	27.00	15.00	1.80	0.01	5.00	1.26	672.00
TL13297	133.5	135.0	1368855	0.50	4.16	11.00	421.00	1.00	11.00	2.63	2.00	9.00	30.00	28.00	2.07	0.01	9.00	1.47	653.00
TL13297	135.0	136.0	1368856	10.00	1.76	1.00	218.00	1.00	17.00	3.03	27.00	5.00	30.00	835.00	5.11	0.01	1.00	1.23	796.00
TL13297	136.0	137.5	1368857	0.50	4.10	1.00	423.00	1.00	26.00	2.32	2.00	8.00	29.00	30.00	1.94	0.01	10.00	1.31	678.00
TL13297	137.5	139.0	1368858	0.50	5.77	40.00	528.00	2.00	28.00	3.14	2.00	9.00	30.00	25.00	2.30	0.01	16.00	1.54	724.00
TL13297	139.0	140.5	1368859	0.50	2.54	3.00	310.00	1.00	11.00	1.94	2.00	8.00	42.00	45.00	1.77	0.01	3.00	0.87	439.00
TL13297	140.5	141.5	1368861	0.50	1.94	1.00	183.00	1.00	11.00	1.65	2.00	7.00	30.00	60.00	1.83	0.01	4.00	1.11	525.00
TL13297	141.5	143.0	1368862	0.50	2.97	6.00	334.00	1.00	11.00	2.60	2.00	7.00	23.00	59.00	1.88	0.20	7.00	1.41	731.00
TL13297	143.0	144.0	1368863	2.00	3.32	20.00	420.00	2.00	8.00	4.00	90.00	8.00	31.00	210.00	5.66	0.20	4.00	2.13	1479.00
TL13297	144.0	145.5	1368864	0.50	2.45	2.00	309.00	1.00	17.00	1.26	2.00	8.00	21.00	30.00	1.99	0.06	8.00	0.92	539.00
TL13297	145.5	147.0	1368865	0.50	1.82	1.00	228.00	1.00	9.00	1.31	2.00	8.00	24.00	49.00	1.88	0.01	9.00	0.97	569.00
TL13297	145.5	147.0	1368866	1.00	5.49	20.00	569.00	2.00	34.00	2.51	6.00	10.00	48.00	81.00	2.97	0.30	23.00	1.49	909.00
TL13297	147.0	148.5	1368867	0.50	2.79	3.00	342.00	1.00	8.00	1.70	4.00	7.00	23.00	24.00	1.91	0.01	8.00	0.99	589.00
TL13297	148.5	150.0	1368868	0.50	2.94	1.00	405.00	1.00	15.00	1.73	2.00	8.00	24.00	8.00	1.71	0.01	8.00	0.78	460.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13297	105.8	106.8	1368849	0.50	37.00	359.00	454.00	3.69	5.00	2.50	5.00	62.00	1621.00	1.00	32.00	37.00	3.00	2236.00
TL13297	106.8	108.3	1368851	0.50	47.00	643.00	81.00	1.63	13.00	9.00	5.00	103.00	2711.00	12.00	40.00	18.00	4.00	149.00
TL13297	108.3	109.3	1368852	0.50	35.00	408.00	56.00	1.66	2.50	2.50	5.00	68.00	1659.00	1.00	32.00	14.00	3.00	412.00
TL13297	109.3	110.3	1368853	0.50	51.00	336.00	348.00	1.85	2.50	2.50	5.00	52.00	1396.00	2.00	30.00	10.00	3.00	275.00
TL13297	110.3	111.8	1368854	0.50	32.00	364.00	38.00	1.10	2.50	2.50	5.00	99.00	1443.00	1.00	29.00	5.00	4.00	121.00
TL13297	133.5	135.0	1368855	0.50	36.00	483.00	35.00	0.83	2.50	2.50	5.00	105.00	1594.00	1.00	35.00	5.00	4.00	73.00
TL13297	135.0	136.0	1368856	0.50	42.00	329.00	1531.00	4.21	9.00	2.50	5.00	105.00	1164.00	2.00	26.00	122.00	3.00	11532.00
TL13297	136.0	137.5	1368857	0.50	40.00	504.00	66.00	0.91	6.00	2.50	5.00	109.00	1530.00	1.00	34.00	5.00	4.00	304.00
TL13297	137.5	139.0	1368858	0.50	36.00	593.00	61.00	1.02	6.00	6.00	5.00	155.00	1920.00	8.00	38.00	13.00	4.00	178.00
TL13297	139.0	140.5	1368859	0.50	41.00	338.00	58.00	0.96	6.00	2.50	5.00	121.00	1202.00	8.00	27.00	5.00	3.00	91.00
TL13297	140.5	141.5	1368861	0.50	41.00	424.00	57.00	0.90	2.50	2.50	5.00	90.00	1194.00	2.00	26.00	23.00	3.00	1178.00
TL13297	141.5	143.0	1368862	0.50	30.00	446.00	99.00	1.25	2.50	5.00	5.00	112.00	1476.00	6.00	30.00	33.00	4.00	425.00
TL13297	143.0	144.0	1368863	0.50	43.00	389.00	1009.00	5.20	10.00	2.50	5.00	181.00	1401.00	7.00	36.00	402.00	4.00	30572.00
TL13297	144.0	145.5	1368864	0.50	32.00	437.00	161.00	1.14	2.50	6.00	5.00	108.00	1493.00	1.00	34.00	16.00	3.00	628.00
TL13297	145.5	147.0	1368865	0.50	35.00	470.00	248.00	0.97	2.50	2.50	5.00	86.00	1506.00	5.00	33.00	13.00	3.00	866.00
TL13297	145.5	147.0	1368866	0.50	68.00	716.00	374.00	1.48	15.00	21.00	5.00	145.00	2608.00	12.00	50.00	32.00	5.00	1315.00
TL13297	147.0	148.5	1368867	0.50	33.00	434.00	123.00	0.89	5.00	2.50	5.00	103.00	1470.00	2.00	32.00	21.00	3.00	1341.00
TL13297	148.5	150.0	1368868	0.50	34.00	446.00	54.00	0.81	2.50	2.50	5.00	110.00	1704.00	6.00	33.00	5.00	3.00	186.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13297	17.0	20.5	3.6	PY	DISS	2	2% disseminated py throughout the interval
TL13297	17.0	20.5	3.6	PY	ST	4	4% pyrite in 1-4mm wide stringers oriented semi-parallel to foliation
TL13297	20.5	29.7	9.2	PY	DISS	1	1% disseminated py throughout the interval, w/ rare blebs on margins of qtz veins
TL13297	29.7	59.6	29.9	PY	DISS	1	1% disseminated py throughout the interval
TL13297	29.7	59.6	29.9	PY	ST	3	3% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13297	29.7	59.6	29.9	PO	BLB	0.1	Trace po blebs found in some of the qtz-amph veins
TL13297	59.6	66.8	7.2	PY	DISS	1	1% disseminated pyrite throughout the interval
TL13297	59.6	66.8	7.2	PY	ST	2	2% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13297	59.6	66.8	7.2	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13297	59.6	66.8	7.2	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13297	66.8	88.6	21.8	PY	DISS	2	2% disseminated py throughout the interval
TL13297	66.8	88.6	21.8	PY	ST	2	2% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13297	66.8	88.6	21.8	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins
TL13297	81.0	85.0	4.0	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13297	88.6	110.3	21.8	PB	BLB	1	1% gal blebs associated w/ sph mineralization
TL13297	88.6	110.3	21.8	SPH	ST	2	2% sph in 1-6mm wide stringers oriented semi-parallel to foliation and in smokey grey qtz veins
TL13297	88.6	110.3	21.8	PY	ST	3	3% py in 1-60mm wide stringers oriented semi-parallel to foliation
TL13297	88.6	110.3	21.8	PY	DISS	1	1% disseminated py throughout the interval
TL13297	88.6	110.3	21.8	CP	BLB	0.1	Trace cpy blebs found in qtz veins w/ gal and py
TL13297	100.6	100.7	0.1	AU	BLB	0.1	Trace Au Speck of VG 1mm in diameter along margin of irregular qtz vein VG found at 100.65m depth
TL13297	110.3	158.3	47.9	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13297	110.3	158.3	47.9	PY	DISS	1	1% disseminated py throughout the interval
TL13297	135.0	136.0	1.0	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13297	135.0	136.0	1.0	CP	BLB	0.1	Trace cpy blebs found w/ po
TL13297	135.0	136.0	1.0	PO	ST	6	6% po in stockwork veins found within qtz-amph bands
TL13297	135.0	136.0	1.0	SPH	ST	1	1% sph stringers found w/ po in qtz-amph bands
TL13297	136.0	143.5	7.5	SPH	ST	0.1	Trace sph in 1-6mm wide stringers oriented semi-parallel to foliation found w/ po
TL13297	136.0	158.3	22.3	PO	ST	1	1% po in 1-6mm wide stringers oriented semi-parallel to foliation
TL13297	143.5	144.0	0.5	SPH	SMASS	40	About 40% semi-massive sph replacing qtz-amph band
TL13297	144.0	158.3	14.3	SPH	ST	0.1	Trace sph in 1-6mm wide stringers oriented semi-parallel to foliation found w/ po

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13297	17.0	20.5	3.6	FOL	Moderate	55	Moderate to strong foliation at 55 deg TCA
TL13297	20.4	20.4	0.1	Fold	Weak	15	Weak F2 folding oriented at 15 deg TCA
TL13297	20.5	29.7	9.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13297	23.0	23.8	0.8	FTZ	Weak	55	Weak fault zone oriented at 55 deg TCA
TL13297	29.7	48.6	18.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13297	29.7	59.6	29.9	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13297	29.7	59.6	29.9	FR	Very Weak	30	V. weak fracture set oriented at 30 deg TCA w/ dextral slip
TL13297	48.6	50.3	1.7	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13297	50.3	59.6	9.3	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13297	59.6	66.8	7.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13297	59.6	66.8	7.2	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13297	66.8	88.6	21.8	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13297	66.8	88.6	21.8	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13297	66.8	88.6	21.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13297	82.8	83.8	1.0	FTZ	Moderate	55	Moderate fault zone oriented at 55 deg TCA infilled w/ gouge
TL13297	88.6	94.5	5.9	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13297	88.6	110.3	21.8	FR	Very Weak	20	V. weak fracture set cross cutting foliation at 30 deg TCA infilled w/ qtz
TL13297	94.5	96.0	1.5	Fold	Strong	55	Strong foliation at 55 deg TCA
TL13297	96.0	110.3	14.3	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13297	110.3	152.3	42.0	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13297	110.3	158.3	47.9	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13297	152.3	158.3	6.0	FOL	Moderate	50	Moderate foliation at 50 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13297	17.0	20.5	3.6	SR	Patchy	Weak	Weak patchy ser alt, 20% ser to 80% bio
TL13297	17.0	20.5	3.6	SI	Patchy	Moderate	Moderate patchy sil alt
TL13297	20.5	24.0	3.5	SI	Patchy	Moderate	Moderate patchy silicification
TL13297	20.5	29.7	9.2	SR	Patchy	Strong	Strong patchy ser alt, 65% ser to 35% bio
TL13297	24.0	29.7	5.7	SI	Patchy	Strong	Strong patchy sil alt
TL13297	29.7	54.2	24.5	SR	Patchy	Weak	Weak very patchy sericitic alteration, 35% ser to 65% bio
TL13297	29.7	59.6	29.9	SI	Patchy	Moderate	Moderate to weak patchy silicification
TL13297	54.2	59.6	5.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13297	59.6	66.8	7.2	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13297	59.6	66.8	7.2	SI	Patchy	Moderate	Moderate patchy sil alt
TL13297	66.8	76.6	9.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15-20% ser to 80-85% bio
TL13297	66.8	88.6	21.8	SI	Patchy	Weak	Weak patchy sil alt
TL13297	76.6	82.6	6.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13297	82.6	88.6	6.0	SR	Patchy	Weak	Weak patchy ser alt, 20% ser to 80% bio
TL13297	88.6	101.0	12.4	SI	Patchy	Weak	Weak patchy sil alt
TL13297	88.6	110.3	21.8	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13297	101.0	110.3	9.3	SI	Patchy	Strong	Strong patchy sil alt
TL13297	110.3	141.5	31.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13297	110.3	158.3	47.9	SI	Patchy	Strong	Strong patchy to semi-pervasive silicification
TL13297	141.5	144.0	2.5	SR	Patchy	Very Strong	V. strong patch of ser alt, 90% ser to 10% bio
TL13297	144.0	158.3	14.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 8-10% ser to 90-92% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13297	18	21	3	3.01	2.83	100.33	94.33	9	LRP
TL13297	21	24	3	2.96	1.85	98.67	61.67	21	
TL13297	24	27	3	3	2.91	100	97	8	
TL13297	27	30	3	3	2.72	100	90.67	13	
TL13297	30	33	3	2.91	2.81	97	93.67	4	
TL13297	33	36	3	3.03	3.03	101	101	6	
TL13297	36	39	3	3	2.86	100	95.33	9	
TL13297	39	42	3	2.96	2.79	98.67	93	8	
TL13297	42	45	3	2.99	2.99	99.67	99.67	7	
TL13297	45	48	3	3	2.84	100	94.67	11	
TL13297	48	51	3	3.01	2.92	100.33	97.33	7	
TL13297	51	54	3	2.96	2.91	98.67	97	4	
TL13297	54	57	3	2.98	2.98	99.33	99.33	3	
TL13297	57	60	3	3.02	2.95	100.67	98.33	8	
TL13297	60	63	3	2.94	2.08	98	69.33	15	
TL13297	63	66	3	3.04	2.89	101.33	96.33	11	
TL13297	66	69	3	2.98	2.64	99.33	88	9	
TL13297	69	72	3	3.02	2.7	100.67	90	12	
TL13297	72	75	3	3.02	2.86	100.67	95.33	10	
TL13297	75	78	3	2.94	2.68	98	89.33	13	
TL13297	78	81	3	2.95	2.8	98.33	93.33	11	
TL13297	81	84	3	3.05	1.25	101.67	41.67	42	
TL13297	84	87	3	3	2.11	100	70.33	20	
TL13297	87	90	3	2.97	2.43	99	81	13	
TL13297	90	93	3	3.02	2.87	100.67	95.67	11	
TL13297	93	96	3	2.98	2.87	99.33	95.67	6	
TL13297	96	99	3	2.97	2.69	99	89.67	10	
TL13297	99	102	3	2.99	2.92	99.67	97.33	7	
TL13297	102	105	3	3	2.73	100	91	14	
TL13297	105	108	3	2.98	2.98	99.33	99.33	7	
TL13297	108	111	3	2.95	2.89	98.33	96.33	7	
TL13297	111	114	3	2.96	2.96	98.67	98.67	6	
TL13297	114	117	3	3	3	100	100	6	
TL13297	117	120	3	3	2.47	100	82.33	10	
TL13297	120	123	3	2.99	2.73	99.67	91	6	
TL13297	123	126	3	2.97	2.85	99	95	9	
TL13297	126	129	3	2.96	2.88	98.67	96	4	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13297	129	132	3	2.99	2.99	99.67	99.67	5	
TL13297	132	135	3	3.01	3.01	100.33	100.33	5	
TL13297	135	138	3	2.94	2.94	98	98	6	
TL13297	138	141	3	2.95	2.95	98.33	98.33	7	
TL13297	141	144	3	2.96	2.12	98.67	70.67	24	
TL13297	144	147	3	3.16	2.99	105.33	99.67	7	
TL13297	147	150	3	2.83	2.69	94.33	89.67	6	
TL13297	150	153	3	3.01	2.85	100.33	95	8	
TL13297	153	156	3	2.94	2.94	98	98	4	
TL13297	156	159	3	2.21	1.88	73.67	62.67	9	

Hole Number: TL13298

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5512008.83	North:	Collar Az: 355.00
Location: Zealand Township	East: 528050.61	East:	Length: 147.00
	Elev: 395.62	Elev:	Start Depth: 0.00
Date Started: Jan 09, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 10, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 147.00

Comments: Logged by Brian Wolfe and Adam Larsen
 Patent #0134 (15395 Fraser Option)
 MSS B-Zone from 13.28m-26.67m
 Very strong patchy sericitic alteration and weak patchy silicification.
 Mineralized with 1% pyrite in stringers, trace disseminated pyrite, trace sphalerite stringers, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite stringers.
 Within BMS above C-zone, from 67.10-66.65m there is strong sr with moderate chl alteration. Also, increased py content overall and concentrated mineralization near a qz vein with 10% py, 2% cpy, 3% sph, 1% gn
 Moderate to strongly sericitized C-zone from 76.58-95.56. Overall looks darker and patchy than typical MSS zones.
 Increased mineralization throughout zone with 5% py, 3% sph and trace gn/cpy/po. Mostly spread out but seems to slightly increase/become more condensed near lower contact.
 Small, moderately altered Footwall zone, possible D-zone, from 131.65-136.75.
 Abundant mineralization throughout with 5% py 3% sph, 1% po, trace cpy.
 Near lower contact there is 5% gn from 136.55-136.75 that is associated with py/sph stringers. Mineraliation continues into BMS below.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.00	-52.00	EZ Sho	OK		18.00	355.30	-52.00	EZ Sho	OK	
51.00	356.30	-51.20	EZ Sho	OK		102.00	356.20	-50.10	EZ Sho	OK	
147.00	356.20	-49.30	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	9.65	OB, Overburden									
9.65	13.28	BMS, Biotite Muscovite Schist	1368869	9.65	11.00	1.35	0.01				
		This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with trace to 1% pyrite disseminated pyrite and trace pyrite blebs.	1368871	11.00	12.00	1.00	0.02				
			1368872	12.00	13.00	1.00	0.01				
			1368873	13.00	14.00	1.00	0.01				

DETAILED LOG

Hole Number: TL13298

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
13.28	26.67	MSS, Muscovite Sericite Schist MSS B-Zone from 13.28m-26.67m This B-Zone MSS unit has very strong patchy sericitic alteration and weak patchy silicification. This unit is mineralized with 1% pyrite in stringers, trace disseminated pyrite, trace sphalerite stringers, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite stringers.	1368874	14.00	15.00	1.00	0.01				
			1368875	15.00	16.00	1.00	0.02				
			1368876	16.00	17.00	1.00	0.06				
			1368877	17.00	18.00	1.00	0.03				
			1368878	18.00	19.00	1.00	0.54				
			1368879	19.00	20.00	1.00	0.03				
			1368881	20.00	21.00	1.00	0.05				
			1368882	21.00	22.50	1.50	0.01				
			1368883	22.50	24.00	1.50	0.03				
			1368884	24.00	25.50	1.50	0.06				
			1368885	25.50	27.00	1.50	0.04				
			1368886	25.50	27.00	1.50	0.03				
26.67	62.52	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration and weak to strong patchy silicification. The mineralization in this unit consists of 1% pyrite in stringers, trace pyrite blebs, trace disseminated pyrite, trace pyrrhotite blebs, trace sphalerite stringers, and trace galena blebs.	1368887	27.00	28.50	1.50	0.00				
			1368888	28.50	30.00	1.50	0.01				
			1368889	30.00	31.50	1.50	0.01				
			1368891	31.50	33.00	1.50	0.07				
			1368892	33.00	34.25	1.25	0.04				
			1368893	34.25	35.25	1.00	0.04				
			1368894	35.25	36.25	1.00	0.27				
			1368895	36.25	37.75	1.50	0.15				
			1368896	44.50	45.50	1.00	0.02				
			1368897	45.50	46.50	1.00	0.02				
			1368898	46.50	48.00	1.50	0.04				
			1368899	48.00	49.50	1.50	0.04				
			1368901	49.50	51.00	1.50	0.11				
			1368902	51.00	52.00	1.00	0.04				
			1368903	52.00	53.00	1.00	0.04				
			1368904	53.00	54.50	1.50	0.05				
			1368905	54.50	56.00	1.50	0.18				
			1368906	54.50	56.00	1.50	0.21				0.1
			1368907	61.00	62.50	1.50	0.20				0.2
			1368908	62.50	64.00	1.50	0.51				0.3
62.52	65.26	MSS, Muscovite Sericite Schist Small HW zone with strong si/sr alteration. Increased py and minor sph throughout.	1368909	64.00	65.25	1.25	0.19				0.1
			1368911	65.25	66.75	1.50	0.03				0.0
65.26	76.58	BMS, Biotite Muscovite Schist BMS with overall weak sr/si alteration. However, there are patches of strong sr alteration that are associated with increased mineralization. Most notably is from 67.10-66.65m where there is strong sr with moderate chl alteration. There is increased py content overall and concentrated mineralization near a qz vein with 10% py, 2% cpy, 3% sph, 1% gn	1368912	66.75	67.75	1.00	4.30				
			1368913	67.75	69.00	1.25	0.03				
			1368914	69.00	70.50	1.50	0.15				
			1368915	70.50	72.00	1.50	0.20				
			1368916	72.00	73.50	1.50	0.28				
			1368917	73.50	75.00	1.50	0.18				
			1368918	75.00	76.50	1.50	0.37				
			1368919	76.50	78.00	1.50	0.33				0.4

Hole Number: TL13298

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
76.58	95.56	MSS, Muscovite Sericite Schist Moderate to strongly sericitized C-zone. Overall looks darker and patchy than typical MSS zones. Increased mineralization throughout zone with 5% py, 3% sph and trace gn/cpy/po. Mostly spread out but seems to slightly increase/become more condensed near lower contact.	1368921	78.00	79.00	1.00	2.02				2.2
			1368922	79.00	80.50	1.50	0.42				0.5
			1368923	80.50	82.00	1.50	0.35				0.4
			1368924	82.00	83.00	1.00	0.26				0.4
			1368925	83.00	84.00	1.00	0.35				
			1368926	83.00	84.00	1.00	0.42				
			1368927	84.00	85.00	1.00	0.55				
			1368928	85.00	86.00	1.00	0.25				
			1368929	86.00	87.00	1.00	0.21				0.1
			1368931	87.00	88.00	1.00	1.28				0.6
			1368932	88.00	89.00	1.00	0.29				0.3
			1368933	89.00	90.00	1.00	0.40				0.4
			1368934	90.00	91.00	1.00	0.34				0.3
			1368935	91.00	92.00	1.00	0.20				0.2
			1368936	92.00	93.00	1.00	0.25				0.4
			1368937	93.00	94.00	1.00	0.43				0.5
			1368938	94.00	95.00	1.00	0.09				
			1368939	95.00	96.00	1.00	0.38				0.4
			95.56	131.65	BMS, Biotite Muscovite Schist Typical looking BMS zone with weak sr alt. From 121.5 to 129 it becomes more massive with larger grain size. Resembles/could be MSED. Common white qz veins 1-2% py with local concentrations of blebs, trace to 1% po blebs and trace cpy blebs and sph stringers	1368941	96.00	97.50	1.50	0.05	
1368942	97.50	99.00				1.50	0.06				
1368943	130.00	131.50				1.50	0.01				
1368944	131.50	132.50				1.00	0.04				
131.65	136.75	MSS, Muscovite Sericite Schist Small, moderately altered Footwall zone, possible D-zone. Abundant mineralization throughout with 5% py 3% sph, 1% po, trace cpy. Near lower contact there is 5% gn from 136.55-136.75 that is associated with py/sph stringers	1368945	132.50	133.50	1.00	0.09				
			1368946	132.50	133.50	1.00	0.07				
			1368947	133.50	134.50	1.00	0.53				
			1368948	134.50	136.00	1.50	0.18				
			1368949	136.00	137.00	1.00	0.67				
136.75	147.00	BMS, Biotite Muscovite Schist Dark, weakly altered BMS zone with strong silicification Increased mineralization from above MSS continues into BMS until 139m. 4% py, 2% sph, 1% po. Trace gn blebs found within green qz-chl bands from 139.10-142.60m Small grouping of increased sph/po from 145.5-146m	1368951	137.00	138.00	1.00	0.13				
			1368952	138.00	139.00	1.00	0.08				
			1368953	139.00	140.00	1.00	0.10				
			1368954	140.00	141.00	1.00	1.95				
			1368955	141.00	142.50	1.50	0.01				
			1368956	142.50	144.00	1.50	0.43				
			1368957	144.00	145.50	1.50	0.02				
1368958	145.50	147.00	1.50	0.02							

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368869	9.65	11.00	0.0060				

Hole Number: TL13298

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368871	11.00	12.00	0.0190				
1368872	12.00	13.00	0.0050				
1368873	13.00	14.00	0.0050				
1368874	14.00	15.00	0.0080				
1368875	15.00	16.00	0.0240				
1368876	16.00	17.00	0.0570				
1368877	17.00	18.00	0.0340				
1368878	18.00	19.00	0.5410				
1368879	19.00	20.00	0.0340				
1368881	20.00	21.00	0.0460				
1368882	21.00	22.50	0.0110				
1368883	22.50	24.00	0.0340				
1368884	24.00	25.50	0.0620				
1368885	25.50	27.00	0.0350				
1368887	27.00	28.50	0.0020				
1368888	28.50	30.00	0.0070				
1368889	30.00	31.50	0.0050				
1368891	31.50	33.00	0.0670				
1368892	33.00	34.25	0.0380				
1368893	34.25	35.25	0.0380				
1368894	35.25	36.25	0.2700				
1368895	36.25	37.75	0.1520				
1368896	44.50	45.50	0.0170				
1368897	45.50	46.50	0.0200				
1368898	46.50	48.00	0.0410				
1368899	48.00	49.50	0.0390				
1368901	49.50	51.00	0.1120				
1368902	51.00	52.00	0.0400				
1368903	52.00	53.00	0.0420				
1368904	53.00	54.50	0.0500				
1368905	54.50	56.00	0.1830				
1368907	61.00	62.50	0.2030				0.2070
1368908	62.50	64.00	0.5050				0.3940
1368909	64.00	65.25	0.1860				0.1920
1368911	65.25	66.75	0.0280				0.0420
1368912	66.75	67.75	4.2950				
1368913	67.75	69.00	0.0250				
1368914	69.00	70.50	0.1460				
1368915	70.50	72.00	0.1970				

Hole Number: TL13298

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368916	72.00	73.50	0.2750				
1368917	73.50	75.00	0.1820				
1368918	75.00	76.50	0.3710				
1368919	76.50	78.00	0.3310				0.4140
1368921	78.00	79.00	2.0150				2.2190
1368922	79.00	80.50	0.4160				0.5780
1368923	80.50	82.00	0.3450				0.4910
1368924	82.00	83.00	0.2630				0.4070
1368925	83.00	84.00	0.3480				
1368927	84.00	85.00	0.5460				
1368928	85.00	86.00	0.2460				
1368929	86.00	87.00	0.2110				0.1570
1368931	87.00	88.00	1.2820				0.6240
1368932	88.00	89.00	0.2940				0.3140
1368933	89.00	90.00	0.3950				0.4100
1368934	90.00	91.00	0.3410				0.3240
1368935	91.00	92.00	0.1990				0.2090
1368936	92.00	93.00	0.2450				0.4060
1368937	93.00	94.00	0.4300				0.5710
1368938	94.00	95.00	0.0930				
1368939	95.00	96.00	0.3840				0.4500
1368941	96.00	97.50	0.0470				
1368942	97.50	99.00	0.0630				
1368943	130.00	131.50	0.0110				
1368944	131.50	132.50	0.0400				
1368945	132.50	133.50	0.0900				
1368947	133.50	134.50	0.5280				
1368948	134.50	136.00	0.1820				
1368949	136.00	137.00	0.6740				
1368951	137.00	138.00	0.1270				
1368952	138.00	139.00	0.0790				
1368953	139.00	140.00	0.0970				
1368954	140.00	141.00	1.9460				
1368955	141.00	142.50	0.0060				
1368956	142.50	144.00	0.4300				
1368957	144.00	145.50	0.0160				
1368958	145.50	147.00	0.0190				
Sample Type	CDUP						
1368886	25.50	27.00	0.0300				

Hole Number: TL13298

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1368906	54.50	56.00	0.2060				0.1650
1368926	83.00	84.00	0.4220				
1368946	132.50	133.50	0.0700				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13298	9.7	11.0	1368869	0.50	4.42	9.00	535.00	1.00	5.00	0.89	2.00	6.00	16.00	7.00	1.17	0.26	18.00	0.84	340.00
TL13298	11.0	12.0	1368871	1.00	3.11	15.00	418.00	1.00	16.00	4.03	2.00	9.00	24.00	20.00	2.81	0.01	6.00	1.61	957.00
TL13298	12.0	13.0	1368872	1.00	2.72	13.00	299.00	1.00	9.00	0.74	2.00	8.00	26.00	10.00	1.29	0.01	14.00	0.97	585.00
TL13298	13.0	14.0	1368873	0.50	2.10	11.00	277.00	1.00	22.00	0.50	2.00	6.00	29.00	5.00	1.05	0.01	7.00	0.66	269.00
TL13298	14.0	15.0	1368874	0.50	4.13	17.00	348.00	1.00	11.00	1.46	2.00	7.00	25.00	7.00	1.18	0.01	11.00	0.79	276.00
TL13298	15.0	16.0	1368875	5.00	2.92	32.00	328.00	1.00	4.00	1.09	2.00	7.00	44.00	11.00	1.62	0.01	4.00	0.88	493.00
TL13298	16.0	17.0	1368876	15.00	3.20	22.00	345.00	1.00	7.00	0.04	2.00	7.00	34.00	20.00	0.85	0.01	2.00	0.45	200.00
TL13298	17.0	18.0	1368877	15.00	3.20	14.00	322.00	1.00	13.00	0.01	2.00	4.00	52.00	16.00	0.80	0.01	2.00	0.32	115.00
TL13298	18.0	19.0	1368878	116.00	3.04	59.00	310.00	1.00	18.00	0.01	2.00	6.00	42.00	84.00	0.78	0.19	0.50	0.30	105.00
TL13298	19.0	20.0	1368879	5.00	1.28	7.00	244.00	1.00	17.00	0.01	2.00	5.00	31.00	7.00	0.57	0.01	0.50	0.25	141.00
TL13298	20.0	21.0	1368881	11.00	1.47	46.00	198.00	1.00	13.00	0.25	2.00	13.00	20.00	22.00	1.07	0.22	2.00	0.77	536.00
TL13298	21.0	22.5	1368882	4.00	4.96	37.00	279.00	1.00	13.00	1.75	2.00	11.00	52.00	17.00	1.86	0.04	11.00	1.31	1200.00
TL13298	22.5	24.0	1368883	3.00	3.61	13.00	196.00	1.00	13.00	0.91	2.00	5.00	36.00	7.00	1.64	0.01	5.00	0.74	755.00
TL13298	24.0	25.5	1368884	17.00	3.55	33.00	224.00	1.00	12.00	0.61	2.00	5.00	38.00	42.00	1.35	0.02	4.00	0.54	490.00
TL13298	25.5	27.0	1368885	2.00	2.43	20.00	220.00	1.00	14.00	0.69	2.00	5.00	30.00	13.00	1.36	0.01	2.00	0.57	437.00
TL13298	25.5	27.0	1368886	2.00	5.52	1.00	415.00	1.00	13.00	1.31	2.00	5.00	31.00	10.00	1.19	0.13	10.00	0.52	372.00
TL13298	27.0	28.5	1368887	1.00	6.03	13.00	505.00	1.00	23.00	2.56	2.00	7.00	31.00	13.00	1.35	0.11	12.00	1.05	572.00
TL13298	28.5	30.0	1368888	1.00	7.38	14.00	628.00	1.00	19.00	2.83	2.00	10.00	38.00	18.00	2.70	0.14	18.00	1.16	586.00
TL13298	30.0	31.5	1368889	0.50	6.32	13.00	596.00	1.00	23.00	2.41	2.00	10.00	46.00	6.00	1.98	0.21	14.00	1.05	398.00
TL13298	31.5	33.0	1368891	1.00	4.14	25.00	527.00	1.00	11.00	2.09	2.00	11.00	58.00	8.00	1.51	0.01	12.00	1.34	549.00
TL13298	33.0	34.3	1368892	2.00	7.47	38.00	705.00	1.00	4.00	2.99	2.00	11.00	81.00	13.00	2.90	0.33	21.00	1.55	1040.00
TL13298	34.3	35.3	1368893	1.00	4.92	20.00	510.00	1.00	11.00	1.81	2.00	9.00	48.00	32.00	2.15	0.01	13.00	1.04	664.00
TL13298	35.3	36.3	1368894	8.00	2.27	45.00	355.00	1.00	14.00	0.31	2.00	8.00	32.00	129.00	2.00	0.01	3.00	0.42	195.00
TL13298	36.3	37.8	1368895	1.00	4.65	5.00	462.00	1.00	0.50	2.15	2.00	8.00	34.00	77.00	1.80	0.01	11.00	1.15	485.00
TL13298	44.5	45.5	1368896	2.00	4.76	7.00	1241.00	1.00	12.00	0.74	2.00	7.00	33.00	24.00	1.33	0.09	9.00	0.52	181.00
TL13298	45.5	46.5	1368897	1.00	4.56	1.00	602.00	1.00	8.00	2.33	2.00	12.00	68.00	40.00	2.21	0.01	10.00	1.25	491.00
TL13298	46.5	48.0	1368898	2.00	3.56	19.00	369.00	1.00	12.00	2.18	2.00	20.00	160.00	49.00	3.91	0.01	8.00	1.42	736.00
TL13298	48.0	49.5	1368899	1.00	3.77	12.00	544.00	1.00	12.00	1.32	2.00	20.00	153.00	55.00	3.40	0.01	7.00	0.99	586.00
TL13298	49.5	51.0	1368901	1.00	2.35	51.00	254.00	1.00	26.00	0.66	2.00	20.00	145.00	38.00	3.86	0.01	1.00	0.63	383.00
TL13298	51.0	52.0	1368902	1.00	7.53	27.00	872.00	2.00	21.00	2.54	2.00	28.00	220.00	82.00	5.12	0.37	19.00	1.78	1286.00
TL13298	52.0	53.0	1368903	0.50	3.23	8.00	324.00	1.00	11.00	1.33	2.00	22.00	129.00	45.00	4.03	0.01	11.00	1.57	858.00
TL13298	53.0	54.5	1368904	0.50	3.97	9.00	389.00	1.00	22.00	1.59	2.00	23.00	135.00	47.00	3.70	0.01	12.00	1.33	700.00
TL13298	54.5	56.0	1368906	0.50	4.66	76.00	560.00	1.00	8.00	0.73	2.00	25.00	117.00	53.00	3.36	0.01	7.00	0.58	303.00
TL13298	54.5	56.0	1368905	1.00	3.15	93.00	396.00	1.00	5.00	0.83	2.00	26.00	99.00	69.00	3.69	0.01	5.00	0.63	349.00
TL13298	61.0	62.5	1368907	0.50	3.42	20.00	337.00	1.00	20.00	2.34	2.00	8.00	17.00	4.00	1.72	0.01	3.00	0.92	627.00
TL13298	62.5	64.0	1368908	2.00	2.96	63.00	813.00	2.00	7.00	0.28	2.00	8.00	32.00	25.00	2.25	0.06	3.00	0.50	184.00
TL13298	64.0	65.3	1368909	1.00	2.98	67.00	543.00	1.00	21.00	0.95	2.00	8.00	15.00	47.00	1.92	0.01	3.00	0.86	488.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13298	9.7	11.0	1368869	0.50	16.00	551.00	17.00	0.48	2.50	2.50	5.00	138.00	2108.00	1.00	40.00	5.00	3.00	50.00
TL13298	11.0	12.0	1368871	0.50	29.00	406.00	20.00	1.73	5.00	2.50	5.00	232.00	1734.00	10.00	31.00	5.00	4.00	155.00
TL13298	12.0	13.0	1368872	0.50	32.00	409.00	15.00	0.78	2.50	2.50	5.00	101.00	1889.00	1.00	38.00	5.00	3.00	58.00
TL13298	13.0	14.0	1368873	0.50	34.00	395.00	16.00	0.78	2.50	2.50	5.00	99.00	1625.00	1.00	28.00	5.00	2.00	29.00
TL13298	14.0	15.0	1368874	0.50	30.00	395.00	22.00	1.20	2.50	9.00	5.00	140.00	1778.00	2.00	32.00	5.00	3.00	21.00
TL13298	15.0	16.0	1368875	0.50	70.00	357.00	40.00	1.61	5.00	2.50	5.00	118.00	1425.00	1.00	26.00	5.00	4.00	58.00
TL13298	16.0	17.0	1368876	0.50	35.00	358.00	53.00	0.91	2.50	11.00	5.00	59.00	1195.00	1.00	23.00	5.00	2.00	108.00
TL13298	17.0	18.0	1368877	0.50	85.00	356.00	58.00	0.56	7.00	2.50	5.00	50.00	1227.00	1.00	25.00	5.00	2.00	195.00
TL13298	18.0	19.0	1368878	0.50	70.00	314.00	256.00	0.82	27.00	2.50	5.00	60.00	1033.00	5.00	23.00	5.00	2.00	373.00
TL13298	19.0	20.0	1368879	0.50	43.00	276.00	35.00	0.57	2.50	2.50	5.00	41.00	829.00	2.00	17.00	5.00	1.00	21.00
TL13298	20.0	21.0	1368881	0.50	25.00	436.00	60.00	0.77	2.50	2.50	5.00	56.00	1115.00	1.00	26.00	5.00	3.00	147.00
TL13298	21.0	22.5	1368882	0.50	57.00	486.00	52.00	1.01	5.00	7.00	5.00	95.00	1463.00	7.00	40.00	5.00	4.00	70.00
TL13298	22.5	24.0	1368883	0.50	55.00	352.00	31.00	1.23	5.00	2.50	5.00	72.00	1284.00	1.00	25.00	5.00	2.00	52.00
TL13298	24.0	25.5	1368884	0.50	62.00	357.00	146.00	1.15	8.00	2.50	5.00	77.00	1253.00	1.00	24.00	13.00	2.00	515.00
TL13298	25.5	27.0	1368885	0.50	45.00	368.00	21.00	1.15	2.50	2.50	5.00	94.00	1220.00	1.00	23.00	5.00	2.00	64.00
TL13298	25.5	27.0	1368886	0.50	35.00	367.00	23.00	1.38	5.00	2.50	5.00	125.00	1468.00	1.00	28.00	5.00	2.00	63.00
TL13298	27.0	28.5	1368887	0.50	34.00	565.00	23.00	0.76	2.50	2.50	5.00	192.00	2140.00	1.00	42.00	5.00	3.00	29.00
TL13298	28.5	30.0	1368888	0.50	55.00	756.00	33.00	1.88	7.00	2.50	5.00	254.00	2574.00	2.00	52.00	13.00	5.00	49.00
TL13298	30.0	31.5	1368889	0.50	70.00	635.00	30.00	1.70	2.50	8.00	5.00	244.00	2053.00	5.00	43.00	5.00	4.00	28.00
TL13298	31.5	33.0	1368891	0.50	61.00	484.00	29.00	1.04	2.50	2.50	5.00	172.00	1806.00	1.00	43.00	5.00	4.00	82.00
TL13298	33.0	34.3	1368892	0.50	81.00	631.00	51.00	2.30	5.00	2.50	10.00	172.00	2338.00	6.00	59.00	12.00	8.00	176.00
TL13298	34.3	35.3	1368893	0.50	61.00	526.00	54.00	1.85	5.00	2.50	5.00	107.00	1878.00	1.00	40.00	5.00	5.00	80.00
TL13298	35.3	36.3	1368894	0.50	50.00	498.00	563.00	2.14	2.50	2.50	5.00	62.00	1401.00	1.00	24.00	14.00	4.00	732.00
TL13298	36.3	37.8	1368895	0.50	50.00	561.00	34.00	0.82	2.50	2.50	5.00	130.00	1807.00	7.00	34.00	5.00	3.00	77.00
TL13298	44.5	45.5	1368896	0.50	47.00	530.00	151.00	0.86	7.00	2.50	5.00	162.00	1913.00	1.00	36.00	5.00	3.00	200.00
TL13298	45.5	46.5	1368897	0.50	64.00	518.00	51.00	1.07	2.50	2.50	5.00	196.00	1908.00	1.00	49.00	5.00	6.00	59.00
TL13298	46.5	48.0	1368898	0.50	96.00	489.00	43.00	2.04	5.00	2.50	5.00	154.00	2403.00	1.00	78.00	5.00	13.00	89.00
TL13298	48.0	49.5	1368899	0.50	113.00	435.00	37.00	2.29	2.50	2.50	5.00	119.00	2354.00	1.00	92.00	5.00	12.00	183.00
TL13298	49.5	51.0	1368901	0.50	123.00	405.00	53.00	4.07	2.50	2.50	5.00	92.00	1914.00	2.00	76.00	5.00	9.00	183.00
TL13298	51.0	52.0	1368902	0.50	131.00	672.00	91.00	2.50	7.00	11.00	5.00	202.00	3388.00	1.00	126.00	15.00	16.00	177.00
TL13298	52.0	53.0	1368903	0.50	79.00	492.00	27.00	1.71	2.50	2.50	5.00	134.00	2321.00	5.00	82.00	5.00	12.00	73.00
TL13298	53.0	54.5	1368904	0.50	78.00	506.00	35.00	1.90	2.50	2.50	5.00	136.00	2272.00	1.00	80.00	5.00	11.00	74.00
TL13298	54.5	56.0	1368906	0.50	78.00	496.00	44.00	3.26	2.50	2.50	5.00	108.00	2447.00	1.00	91.00	11.00	9.00	313.00
TL13298	54.5	56.0	1368905	0.50	86.00	525.00	41.00	3.53	2.50	2.50	5.00	99.00	1910.00	1.00	70.00	5.00	10.00	296.00
TL13298	61.0	62.5	1368907	0.50	15.00	508.00	26.00	1.69	6.00	2.50	5.00	122.00	1447.00	1.00	30.00	5.00	4.00	49.00
TL13298	62.5	64.0	1368908	0.50	39.00	515.00	115.00	2.46	6.00	2.50	5.00	67.00	1993.00	1.00	36.00	21.00	3.00	1020.00
TL13298	64.0	65.3	1368909	0.50	24.00	479.00	120.00	1.83	5.00	2.50	5.00	73.00	1573.00	1.00	30.00	17.00	3.00	872.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13298	65.3	66.8	1368911	2.00	3.66	47.00	445.00	1.00	14.00	1.75	2.00	9.00	19.00	18.00	1.88	0.01	5.00	0.98	520.00
TL13298	66.8	67.8	1368912	13.00	3.30	89.00	402.00	1.00	13.00	1.09	9.00	13.00	63.00	929.00	2.99	0.01	3.00	0.73	348.00
TL13298	67.8	69.0	1368913	0.50	2.30	9.00	308.00	1.00	6.00	1.14	2.00	8.00	17.00	21.00	2.01	0.01	7.00	0.94	377.00
TL13298	69.0	70.5	1368914	0.50	2.40	13.00	350.00	1.00	8.00	0.81	2.00	13.00	66.00	38.00	2.51	0.01	5.00	1.07	386.00
TL13298	70.5	72.0	1368915	0.50	3.08	33.00	262.00	1.00	14.00	0.84	2.00	18.00	112.00	37.00	3.24	0.01	7.00	1.18	479.00
TL13298	72.0	73.5	1368916	1.00	2.58	33.00	205.00	1.00	19.00	1.13	2.00	19.00	111.00	34.00	3.01	0.01	7.00	1.43	595.00
TL13298	73.5	75.0	1368917	0.50	2.76	34.00	184.00	1.00	13.00	1.16	2.00	20.00	125.00	38.00	3.50	0.01	10.00	1.74	621.00
TL13298	75.0	76.5	1368918	0.50	2.84	19.00	200.00	1.00	10.00	1.09	2.00	16.00	128.00	29.00	3.23	0.11	10.00	2.00	692.00
TL13298	76.5	78.0	1368919	2.00	2.60	42.00	235.00	1.00	17.00	0.07	7.00	18.00	128.00	70.00	3.49	0.01	7.00	1.60	442.00
TL13298	78.0	79.0	1368921	2.00	1.37	113.00	180.00	1.00	13.00	0.01	4.00	19.00	90.00	49.00	3.69	0.01	5.00	1.31	299.00
TL13298	79.0	80.5	1368922	1.00	3.26	84.00	293.00	1.00	9.00	0.30	2.00	17.00	112.00	38.00	3.31	0.01	11.00	1.44	395.00
TL13298	80.5	82.0	1368923	1.00	3.44	85.00	278.00	1.00	17.00	0.87	2.00	21.00	134.00	31.00	3.68	0.01	10.00	1.53	512.00
TL13298	82.0	83.0	1368924	1.00	4.78	70.00	474.00	1.00	22.00	1.13	2.00	15.00	80.00	41.00	3.08	0.01	11.00	1.35	582.00
TL13298	83.0	84.0	1368925	2.00	2.89	46.00	338.00	1.00	16.00	0.21	2.00	8.00	25.00	66.00	1.82	0.01	6.00	0.60	275.00
TL13298	83.0	84.0	1368926	1.00	3.46	43.00	378.00	1.00	18.00	0.26	2.00	8.00	25.00	73.00	1.68	0.27	7.00	0.61	275.00
TL13298	84.0	85.0	1368927	0.50	2.39	72.00	255.00	1.00	15.00	0.57	2.00	17.00	84.00	23.00	2.97	0.01	4.00	0.98	495.00
TL13298	85.0	86.0	1368928	1.00	2.97	115.00	289.00	1.00	6.00	0.81	2.00	22.00	102.00	92.00	3.72	0.01	5.00	1.09	605.00
TL13298	86.0	87.0	1368929	2.00	8.09	96.00	630.00	2.00	14.00	2.15	2.00	19.00	147.00	68.00	3.35	0.55	18.00	1.45	932.00
TL13298	87.0	88.0	1368931	2.00	3.89	72.00	453.00	1.00	22.00	0.63	2.00	15.00	75.00	72.00	3.02	0.01	8.00	1.17	525.00
TL13298	88.0	89.0	1368932	2.00	3.17	99.00	330.00	1.00	18.00	0.31	2.00	15.00	100.00	36.00	2.84	0.01	5.00	0.84	314.00
TL13298	89.0	90.0	1368933	2.00	3.01	72.00	292.00	1.00	19.00	0.24	2.00	18.00	121.00	37.00	3.43	0.01	5.00	1.10	362.00
TL13298	90.0	91.0	1368934	6.00	4.42	143.00	363.00	1.00	7.00	0.11	2.00	21.00	157.00	67.00	3.49	0.01	8.00	1.01	300.00
TL13298	91.0	92.0	1368935	2.00	4.19	70.00	359.00	1.00	13.00	0.01	2.00	22.00	166.00	44.00	3.68	0.10	9.00	1.09	400.00
TL13298	92.0	93.0	1368936	3.00	2.72	32.00	271.00	1.00	21.00	0.01	2.00	19.00	137.00	32.00	3.35	0.01	5.00	1.19	414.00
TL13298	93.0	94.0	1368937	5.00	1.66	78.00	248.00	1.00	6.00	0.01	5.00	12.00	92.00	98.00	2.33	0.01	0.50	0.41	149.00
TL13298	94.0	95.0	1368938	0.50	3.44	37.00	297.00	1.00	6.00	0.37	2.00	5.00	46.00	19.00	1.00	0.43	6.00	0.42	177.00
TL13298	95.0	96.0	1368939	5.00	2.12	57.00	267.00	1.00	14.00	0.96	2.00	8.00	40.00	125.00	1.90	0.02	2.00	0.72	414.00
TL13298	96.0	97.5	1368941	0.50	3.64	29.00	315.00	1.00	19.00	1.77	2.00	7.00	50.00	23.00	1.79	0.01	8.00	1.16	730.00
TL13298	97.5	99.0	1368942	0.50	5.32	37.00	544.00	1.00	20.00	2.52	2.00	7.00	60.00	13.00	2.26	0.28	15.00	1.73	997.00
TL13298	130.0	131.5	1368943	0.50	2.76	1.00	252.00	1.00	16.00	1.73	2.00	7.00	47.00	13.00	1.91	0.01	8.00	1.07	492.00
TL13298	131.5	132.5	1368944	2.00	5.64	16.00	637.00	1.00	0.50	1.98	2.00	9.00	53.00	46.00	2.37	0.01	14.00	1.12	559.00
TL13298	132.5	133.5	1368946	0.50	3.60	28.00	442.00	1.00	12.00	0.95	2.00	10.00	50.00	19.00	2.41	0.01	11.00	0.77	392.00
TL13298	132.5	133.5	1368945	0.50	3.78	34.00	482.00	1.00	17.00	1.03	4.00	9.00	56.00	57.00	2.25	0.01	11.00	0.77	391.00
TL13298	133.5	134.5	1368947	0.50	3.05	34.00	376.00	1.00	28.00	0.93	2.00	8.00	51.00	126.00	2.73	0.01	12.00	0.75	395.00
TL13298	134.5	136.0	1368948	6.00	2.93	10.00	299.00	1.00	3.00	1.67	8.00	8.00	42.00	141.00	2.36	0.01	9.00	1.07	533.00
TL13298	136.0	137.0	1368949	0.50	3.61	22.00	371.00	1.00	13.00	2.14	2.00	8.00	42.00	14.00	2.00	0.01	11.00	1.17	588.00
TL13298	137.0	138.0	1368951	0.50	6.70	27.00	622.00	1.00	34.00	2.85	2.00	9.00	34.00	16.00	2.33	0.25	21.00	1.39	662.00
TL13298	138.0	139.0	1368952	2.00	4.45	14.00	551.00	1.00	9.00	2.22	5.00	8.00	25.00	48.00	2.34	0.01	12.00	1.13	730.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13298	65.3	66.8	1368911	0.50	26.00	484.00	56.00	1.13	2.50	2.50	5.00	119.00	1701.00	1.00	33.00	5.00	3.00	108.00
TL13298	66.8	67.8	1368912	0.50	43.00	426.00	1027.00	3.00	10.00	6.00	5.00	95.00	1828.00	1.00	48.00	46.00	5.00	2908.00
TL13298	67.8	69.0	1368913	0.50	26.00	536.00	22.00	0.86	2.50	2.50	5.00	84.00	1636.00	1.00	34.00	5.00	3.00	79.00
TL13298	69.0	70.5	1368914	0.50	49.00	450.00	17.00	1.43	2.50	2.50	5.00	81.00	1560.00	1.00	50.00	5.00	5.00	47.00
TL13298	70.5	72.0	1368915	0.50	73.00	417.00	32.00	2.22	2.50	2.50	5.00	70.00	1507.00	4.00	56.00	10.00	6.00	399.00
TL13298	72.0	73.5	1368916	0.50	70.00	398.00	45.00	1.99	2.50	2.50	5.00	67.00	1465.00	1.00	57.00	5.00	6.00	72.00
TL13298	73.5	75.0	1368917	0.50	75.00	431.00	109.00	1.74	6.00	2.50	5.00	71.00	1575.00	1.00	61.00	10.00	7.00	404.00
TL13298	75.0	76.5	1368918	0.50	66.00	407.00	44.00	1.55	2.50	2.50	5.00	68.00	1594.00	2.00	57.00	5.00	7.00	63.00
TL13298	76.5	78.0	1368919	0.50	76.00	412.00	226.00	2.26	2.50	2.50	5.00	49.00	1335.00	1.00	71.00	34.00	6.00	2133.00
TL13298	78.0	79.0	1368921	0.50	80.00	381.00	527.00	3.03	2.50	2.50	5.00	39.00	1004.00	1.00	61.00	16.00	7.00	1004.00
TL13298	79.0	80.5	1368922	0.50	68.00	416.00	347.00	2.42	2.50	2.50	5.00	66.00	1455.00	1.00	65.00	5.00	7.00	329.00
TL13298	80.5	82.0	1368923	0.50	80.00	471.00	153.00	3.48	2.50	2.50	5.00	86.00	1875.00	1.00	75.00	13.00	9.00	378.00
TL13298	82.0	83.0	1368924	0.50	51.00	496.00	175.00	2.05	2.50	2.50	5.00	83.00	2115.00	1.00	68.00	16.00	6.00	609.00
TL13298	83.0	84.0	1368925	0.50	26.00	447.00	271.00	1.62	6.00	2.50	5.00	47.00	1532.00	1.00	34.00	19.00	4.00	881.00
TL13298	83.0	84.0	1368926	0.50	23.00	441.00	227.00	1.50	7.00	2.50	5.00	50.00	1656.00	1.00	36.00	19.00	4.00	725.00
TL13298	84.0	85.0	1368927	0.50	67.00	412.00	102.00	2.32	2.50	2.50	5.00	61.00	1418.00	1.00	51.00	14.00	7.00	559.00
TL13298	85.0	86.0	1368928	0.50	76.00	400.00	110.00	2.85	2.50	2.50	5.00	66.00	1585.00	1.00	55.00	5.00	11.00	136.00
TL13298	86.0	87.0	1368929	0.50	74.00	619.00	200.00	3.21	5.00	11.00	5.00	116.00	2649.00	6.00	90.00	17.00	11.00	234.00
TL13298	87.0	88.0	1368931	0.50	56.00	465.00	239.00	2.18	2.50	2.50	5.00	64.00	1721.00	1.00	65.00	21.00	6.00	879.00
TL13298	88.0	89.0	1368932	0.50	67.00	415.00	163.00	2.39	2.50	2.50	5.00	51.00	1580.00	11.00	69.00	10.00	7.00	206.00
TL13298	89.0	90.0	1368933	0.50	73.00	456.00	104.00	2.53	2.50	2.50	5.00	49.00	1576.00	1.00	68.00	5.00	7.00	359.00
TL13298	90.0	91.0	1368934	0.50	89.00	530.00	325.00	2.74	6.00	2.50	5.00	54.00	1795.00	1.00	93.00	20.00	8.00	913.00
TL13298	91.0	92.0	1368935	0.50	122.00	473.00	130.00	2.20	5.00	2.50	5.00	46.00	1956.00	3.00	103.00	12.00	7.00	373.00
TL13298	92.0	93.0	1368936	0.50	92.00	424.00	187.00	1.89	6.00	2.50	5.00	45.00	1648.00	1.00	74.00	14.00	7.00	479.00
TL13298	93.0	94.0	1368937	0.50	79.00	332.00	620.00	2.73	7.00	2.50	5.00	37.00	1102.00	1.00	45.00	23.00	5.00	1623.00
TL13298	94.0	95.0	1368938	0.50	60.00	292.00	80.00	0.68	5.00	2.50	5.00	39.00	882.00	3.00	23.00	5.00	2.00	140.00
TL13298	95.0	96.0	1368939	0.50	54.00	397.00	335.00	1.65	2.50	2.50	5.00	62.00	1077.00	1.00	23.00	13.00	3.00	832.00
TL13298	96.0	97.5	1368941	0.50	73.00	476.00	62.00	0.91	2.50	5.00	5.00	73.00	1544.00	8.00	33.00	11.00	4.00	70.00
TL13298	97.5	99.0	1368942	0.50	80.00	531.00	50.00	1.19	2.50	2.50	5.00	99.00	2116.00	1.00	44.00	12.00	4.00	147.00
TL13298	130.0	131.5	1368943	0.50	69.00	441.00	31.00	0.81	2.50	2.50	5.00	89.00	1446.00	1.00	32.00	5.00	3.00	109.00
TL13298	131.5	132.5	1368944	0.50	80.00	511.00	162.00	1.41	2.50	2.50	5.00	130.00	1925.00	1.00	41.00	28.00	4.00	1099.00
TL13298	132.5	133.5	1368946	0.50	108.00	478.00	32.00	2.00	2.50	2.50	5.00	92.00	1865.00	1.00	38.00	21.00	3.00	854.00
TL13298	132.5	133.5	1368945	0.50	101.00	441.00	35.00	1.83	5.00	2.50	5.00	98.00	1853.00	1.00	38.00	25.00	3.00	1329.00
TL13298	133.5	134.5	1368947	0.50	118.00	428.00	47.00	2.41	2.50	2.50	5.00	96.00	1739.00	4.00	36.00	15.00	3.00	429.00
TL13298	134.5	136.0	1368948	0.50	99.00	430.00	3291.00	1.26	5.00	2.50	5.00	112.00	1551.00	5.00	34.00	37.00	3.00	2417.00
TL13298	136.0	137.0	1368949	0.50	84.00	441.00	133.00	0.82	6.00	2.50	5.00	123.00	1623.00	4.00	34.00	10.00	3.00	323.00
TL13298	137.0	138.0	1368951	0.50	42.00	532.00	155.00	1.25	7.00	2.50	5.00	172.00	1845.00	2.00	45.00	18.00	4.00	441.00
TL13298	138.0	139.0	1368952	0.50	34.00	400.00	657.00	1.54	2.50	2.50	5.00	137.00	1529.00	6.00	34.00	33.00	3.00	2126.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13298	139.0	140.0	1368953	0.50	5.25	29.00	551.00	1.00	18.00	2.22	2.00	8.00	33.00	15.00	1.95	0.01	15.00	1.15	703.00
TL13298	140.0	141.0	1368954	0.50	5.15	1.00	581.00	1.00	18.00	2.61	2.00	9.00	29.00	2.00	1.87	0.01	12.00	0.94	392.00
TL13298	141.0	142.5	1368955	0.50	5.59	7.00	543.00	1.00	26.00	2.54	2.00	8.00	29.00	3.00	1.73	0.01	13.00	0.72	313.00
TL13298	142.5	144.0	1368956	0.50	1.03	1.00	205.00	1.00	11.00	0.97	2.00	8.00	31.00	6.00	1.80	0.01	8.00	0.93	491.00
TL13298	144.0	145.5	1368957	0.50	0.84	1.00	210.00	1.00	9.00	0.74	2.00	8.00	28.00	5.00	1.85	0.01	8.00	0.87	427.00
TL13298	145.5	147.0	1368958	0.50	3.19	1.00	319.00	1.00	13.00	2.21	4.00	8.00	45.00	31.00	2.48	0.01	11.00	1.77	952.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13298	139.0	140.0	1368953	0.50	49.00	442.00	163.00	1.07	7.00	2.50	5.00	144.00	1607.00	1.00	37.00	5.00	3.00	241.00
TL13298	140.0	141.0	1368954	0.50	31.00	484.00	33.00	0.47	2.50	2.50	5.00	140.00	1908.00	1.00	39.00	5.00	3.00	72.00
TL13298	141.0	142.5	1368955	0.50	30.00	458.00	29.00	0.69	6.00	6.00	5.00	138.00	1768.00	2.00	36.00	5.00	3.00	49.00
TL13298	142.5	144.0	1368956	0.50	58.00	430.00	147.00	0.46	2.50	2.50	5.00	64.00	1594.00	4.00	33.00	5.00	3.00	87.00
TL13298	144.0	145.5	1368957	0.50	74.00	448.00	18.00	0.38	2.50	2.50	5.00	63.00	1628.00	1.00	33.00	5.00	3.00	42.00
TL13298	145.5	147.0	1368958	0.50	82.00	486.00	102.00	0.99	5.00	2.50	5.00	128.00	1806.00	1.00	37.00	18.00	4.00	1128.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13298	9.7	13.3	3.6	PY	BLB	0.1	Trace py blebs in and along margins of qtz/qtz-amph veins
TL13298	9.7	13.3	3.6	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13298	13.3	26.7	13.4	PY	DISS	0.1	Trace disseminated py
TL13298	13.3	26.7	13.4	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13298	13.3	26.7	13.4	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13298	13.3	26.7	13.4	PY	ST	1	1% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13298	13.3	26.7	13.4	CP	BLB	0.1	Trace cpy blebs associated w/ sph mineralization in close proximity to qtz veins
TL13298	13.3	26.7	13.4	PO	ST	0.1	Trace po in 1-4mm wide stringers oriented parallel to foliation
TL13298	26.7	62.5	35.9	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13298	26.7	62.5	35.9	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13298	26.7	62.5	35.9	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13298	26.7	62.5	35.9	PY	BLB	0.1	Trace py blebs found in and along the margins of qtz veins
TL13298	35.3	35.7	0.4	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13298	35.3	35.7	0.4	SPH	ST	0.1	Trace sph in 1mm wide stringers oriented semi-parallel to foliation in patch of ser alt
TL13298	62.5	65.3	2.7	PY	DISS	4	3-4% diss. py, common local blebs and stringers
TL13298	62.5	65.3	2.7	SPH	ST	1	1% sph stringers
TL13298	65.3	67.1	1.8	PY	DISS	3	2-3% diss. py, local blebs
TL13298	67.1	67.7	0.6	PB	BLB	1	1% gn associated with sph/py stringers
TL13298	67.1	67.7	0.6	SPH	ST	3	2-3% sph stringers
TL13298	67.1	67.7	0.6	CP	BLB	2	1-2% cpy blebs concentrated around qz vein and associated with other mineralization
TL13298	67.1	67.7	0.6	PY	BLB	10	Abundant py blebs and stringers within altered patch around a qz vein with abundant mineralization
TL13298	67.7	76.6	8.9	PY	DISS	3	2-3% diss. py, local stringers and blebs
TL13298	67.7	76.6	8.9	SPH	ST	1	Trace to 1% sph stringers, usually found near strong sr patches, becomes more common near contact
TL13298	76.6	95.6	19.0	PO	BLB	0.1	Trace po blebs associated with py
TL13298	76.6	95.6	19.0	PY	DISS	5	4-5% diss. py, abundant stringers and blebs
TL13298	76.6	95.6	19.0	CP	BLB	0.1	Trace cpy blebs found with some sph/gn
TL13298	76.6	95.6	19.0	PB	BLB	0.1	Trace gn blebs with some sph stringers
TL13298	76.6	95.6	19.0	SPH	ST	3	2-3% sph stringers spaced out across unit, usually associated with increased py
TL13298	95.6	131.7	36.1	CP	BLB	0.1	Trace cpy blebs found with py
TL13298	95.6	131.7	36.1	PY	DISS	2	1-2% diss. py, local blebs and stringers, often contained within qz-chl bands
TL13298	95.6	131.7	36.1	SPH	ST	0.1	Trace sph stringers
TL13298	95.6	131.7	36.1	PO	BLB	1	Trace to 1% po blebs found within and near qz veins as well with py

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13298	131.7	136.8	5.1	SPH	ST	3	2-3% sph in common stringers
TL13298	131.7	136.8	5.1	PY	DISS	5	4-5% diss. py, abundant stringers and patches of blebs
TL13298	131.7	136.8	5.1	PO	ST	1	Trace to 1% po stringers and blebs, occur with some sph
TL13298	136.6	136.8	0.2	PB	BLB	5	Abundant, coarse gn blebs and stringers with py, sph stringers
TL13298	136.8	139.0	2.3	SPH	ST	2	1-2% sph stringers, associated with py and sometimes po
TL13298	136.8	139.0	2.3	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13298	136.8	147.0	10.3	PO	BLB	1	1% po blebs and stringers found with sph and near/within green qz-chl bands
TL13298	139.1	142.6	3.5	PB	BLB	0.1	Trace gn blebs found within green qz-chl bands
TL13298	145.5	146.0	0.5	SPH	ST	2	Small grouping off sph stringers around qz-chl bands and increased po mineralization

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13298	9.7	13.3	3.6	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13298	13.3	26.7	13.4	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13298	16.1	18.0	1.9	FTZ	Weak	50	Weak fault zone sheared parallel to foliation at 50 deg TCA
TL13298	26.7	62.5	35.9	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13298	26.7	62.5	35.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13298	29.4	29.5	0.1	Fold	Very Weak	5	V. weak F2 folding oriented at 5 deg TCA
TL13298	48.2	48.4	0.2	Fold	Very Weak	45	V. weak F2 folding oriented at 35 deg TCA
TL13298	62.5	65.3	2.7	FR	Very Weak	50	Weak fractures 40-60 deg TCA, crosscutting foliation
TL13298	62.5	65.3	2.7	FOL	Weak	55	50-55 deg TCA
TL13298	65.3	76.6	11.3	FR	Weak	40	Few fractures 30-50 deg TCA, cross cutting foliation
TL13298	65.3	76.6	11.3	FOL	Moderate	55	
TL13298	76.6	95.6	19.0	FR	Weak	50	Fracture set 40-60 deg TCA, some infilled with dark tourm
TL13298	76.6	95.6	19.0	Fold	Weak		Weak to moderate folding of foliation around qz veins
TL13298	76.6	95.6	19.0	FOL	Weak	55	55-60 deg TCA
TL13298	95.6	121.5	25.9	FOL	Moderate	60	60 deg TCA
TL13298	95.6	131.7	36.1	FR	Weak	50	Weak fracture set 40-60 deg TCA, minor marginal alt and some infilled with qz
TL13298	121.5	129.0	7.5	FOL	Very Weak		More massive and MSED looking
TL13298	129.0	131.7	2.7	FOL	Moderate	57	55-60 deg TCA
TL13298	129.7	129.8	0.1	FTZ	Moderate		Small fault with semi-lithified fault gouge and small rubble pile. minor marginal alt, unable to determine orientation
TL13298	131.7	136.8	5.1	FOL	Moderate	52	50-55 deg TCA
TL13298	131.7	136.8	5.1	FR	Weak	50	Fracture set 40-60 deg TCA, minor marginal alt
TL13298	136.8	147.0	10.3	Fold	Moderate	60	55-60 deg TCA
TL13298	136.8	147.0	10.3	FR	Weak	50	Fracture set 40-60 deg TCA, minor marginal alt

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13298	9.7	13.3	3.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13298	9.7	13.3	3.6	SI	Patchy	Strong	Strong patchy sil alt
TL13298	13.3	26.7	13.4	SI	Patchy	Weak	Weak patchy sil alt
TL13298	13.3	26.7	13.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13298	26.7	41.5	14.8	SI	Patchy	Weak	Weak patchy sil alt throughout this interval
TL13298	26.7	62.5	35.9	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio some patches up to 1m in length
TL13298	26.7	62.5	35.9	SI	Patchy	Strong	Strong patchy silicification
TL13298	62.5	65.3	2.7	CH	Pervasive	Weak	Weak pervasive chl in some areas of strong sr
TL13298	62.5	65.3	2.7	SR	Patchy	Very Strong	Semi-pervasive sericite, 85% sr 15% bio, few weak patches
TL13298	62.5	65.3	2.7	SI	Pervasive	Strong	Moderate to strong silicification
TL13298	65.3	67.1	1.8	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13298	65.3	76.6	11.3	SI	Pervasive	Moderate	Weak to moderate silicification
TL13298	67.1	67.7	0.6	CH	Pervasive	Moderate	Moderate, pervasive green chl alteration in patch of strong sr
TL13298	67.1	67.7	0.6	SR	Patchy	Very Strong	Semi-pervasive sericite, 95% sr 5% bio
TL13298	67.7	76.6	8.9	SR	Patchy	Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13298	76.6	95.6	19.0	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13298	76.6	95.6	19.0	SI	Pervasive	Weak	Weak to moderate silicification
TL13298	95.6	121.5	25.9	SI	Pervasive	Weak	Weak silicification
TL13298	95.6	131.7	36.1	SR	Patchy	Very Weak	Semi-pervasive sericite, 20% sr 80% bio, loses striped appearance in massive area from 121.5-129
TL13298	121.5	131.7	10.2	SI	Pervasive	Moderate	Moderate silicification
TL13298	131.7	136.8	5.1	SR	Patchy	Moderate	Semi-pervasive sericite, 45% sr 65% bio
TL13298	131.7	136.8	5.1	SI	Pervasive	Strong	Strong silicification
TL13298	136.8	147.0	10.3	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13298	136.8	147.0	10.3	SI	Pervasive	Strong	Moderate to strong silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13298	12	15	3	2.96	2.3	98.67	76.67	12	
TL13298	15	18	3	3.02	1.45	100.67	48.33	33	
TL13298	18	21	3	3.01	1.94	100.33	64.67	25	
TL13298	21	24	3	2.97	2.65	99	88.33	7	
TL13298	24	27	3	2.97	2.15	99	71.67	14	
TL13298	27	30	3	3.02	2.69	100.67	89.67	11	
TL13298	30	33	3	2.91	2.76	97	92	9	
TL13298	33	36	3	3.02	2.56	100.67	85.33	15	
TL13298	36	39	3	3.01	2.82	100.33	94	9	
TL13298	39	42	3	2.94	2.5	98	83.33	11	
TL13298	42	45	3	3.01	2.61	100.33	87	11	
TL13298	45	48	3	2.97	2.5	99	83.33	14	
TL13298	48	51	3	2.99	2.85	99.67	95	11	
TL13298	51	54	3	3.01	2.07	100.33	69	18	
TL13298	54	57	3	2.92	2.43	97.33	81	14	
TL13298	57	60	3	3.04	2.76	101.33	92	11	
TL13298	60	63	3	2.97	2.81	99	93.67	8	
TL13298	63	66	3	3.02	2.92	100.67	97.33	11	
TL13298	66	69	3	2.98	2.63	99.33	87.67	8	
TL13298	69	72	3	2.9	2.74	96.67	91.33	8	
TL13298	72	75	3	3.01	1.87	100.33	62.33	24	
TL13298	75	78	3	2.99	1.47	99.67	49	31	
TL13298	78	81	3	2.99	1.72	99.67	57.33	26	
TL13298	81	84	3	3.01	2.71	100.33	90.33	12	
TL13298	84	87	3	3.05	2.11	101.67	70.33	18	
TL13298	87	90	3	2.99	2.15	99.67	71.67	21	
TL13298	90	93	3	2.96	2.51	98.67	83.67	18	
TL13298	93	96	3	2.93	2.59	97.67	86.33	18	
TL13298	96	99	3	3.01	2.66	100.33	88.67	14	
TL13298	99	102	3	3.02	3.02	100.67	100.67	8	
TL13298	102	105	3	2.97	2.97	99	99	8	
TL13298	105	108	3	3.03	2.42	101	80.67	16	
TL13298	108	111	3	2.92	2.67	97.33	89	9	
TL13298	111	114	3	3.03	2.67	101	89	11	
TL13298	114	117	3	2.98	2.92	99.33	97.33	8	
TL13298	117	120	3	3.06	2.73	102	91	14	
TL13298	120	123	3	2.96	2.96	98.67	98.67	7	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13298	123	126	3	3.05	3.05	101.67	101.67	4	
TL13298	126	129	3	2.88	2.66	96	88.67	5	
TL13298	129	132	3	3.01	2.64	100.33	88	20	srp
TL13298	132	135	3	2.99	2.68	99.67	89.33	9	
TL13298	135	138	3	2.98	2.98	99.33	99.33	8	
TL13298	138	141	3	3.09	3.09	103	103	6	
TL13298	141	144	3	2.92	2.84	97.33	94.67	9	
TL13298	144	147	3	3.02	2.93	100.67	97.67	5	

Hole Number: TL13299

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512058.13	North:	Collar Az: 355.00
Location: Zealand Township	East: 528253.13	East:	Length: 138.00
	Elev: 395.60	Elev:	Start Depth: 0.00
Date Started: Jan 10, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 11, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 138.00

Comments: Logged by Adam Larsen
 Patent #0134 (34461 Betker Option)
 Moderate to strongly si/sr altered MSS HW zone from 26.30-33.60m
 Poorly mineralized with 1-2% py and local blebs and stringers
 Czone 79.15-99.30m
 Begins with very strong sr alteration and at about 91m until the end of unit becomes moderate to strong.
 Increased alteration could be a result of the increased fracturing from 81-85m which are generally parallel to foliation with some rubble piles and possible unlithified fault gouge.
 Within this strongly altered section there is an increase of mineralization. It occurs throughout but with locally condensed patches of stringers and blebs.
 From 79.15-91 there is 8% py, 4% sph, 1% gn, and trace cpy
 The mineralization continues into the weaker sr but slightly less concentrated.
 From 91-99.3m there is 4% py, 2% sph, and trace gn/po

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.00	-45.00	EZ Sho	OK		24.00	354.40	-44.50	EZ Sho	OK	
51.00	355.40	-43.10	EZ Sho	OK		102.00	352.90	-40.50	EZ Sho	OK	
138.00	354.00	-38.90	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	15.00	OB, Overburden									
15.00	26.30	BMS, Biotite Muscovite Schist Moderately sr and si altered BMS which gradually increases to MSS below. Overall poorly mineralized but has 1-2% diss. py with occasional condensed patches of blebs and stringers	1368959	24.50	26.00	1.50	0.00				
			1368961	26.00	27.00	1.00	0.00				
26.30	33.60	MSS, Muscovite Sericite Schist Moderate to strongly si/sr altered MSS HW zone. Poorly mineralized with 1-2% py and local blebs and stringers	1368962	27.00	28.50	1.50	0.00				
			1368963	28.50	30.00	1.50	0.00				
			1368964	30.00	31.50	1.50	0.00				
			1368966	31.50	33.00	1.50	0.00				
			1368965	31.50	33.00	1.50	0.00				
			1368967	33.00	34.00	1.00	0.00				

DETAILED LOG

Hole Number: TL13299

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
33.60	79.15	BMS, Biotite Muscovite Schist BMS zone with varied sr alteration. Gradual top contact with HW MSS. From 66.85 to the bottom contact there a .5m patches of very strong sr which contain increased py and minor sph.	1368968	34.00	35.50	1.50	0.00				
			1368969	64.50	66.00	1.50	0.00				
			1368971	66.00	67.00	1.00	0.14				
			1368972	67.00	68.00	1.00	0.03				
			1368973	68.00	69.00	1.00	0.01				
			1368974	69.00	70.00	1.00	0.01				
			1368975	70.00	71.00	1.00	0.00				
			1368976	71.00	72.50	1.50	0.00				
			1368977	72.50	74.00	1.50	0.14				
			1368978	74.00	75.00	1.00	0.05				
			1368979	75.00	76.50	1.50	0.02				
			1368981	76.50	78.00	1.50	0.21				
			1368982	78.00	79.00	1.00	0.02				
		1368983	79.00	80.00	1.00	0.04					
79.15	99.30	MSS, Muscovite Sericite Schist Czone that beings with very strong sr alteration and at about 91m until the end of unit becomes moderate to strong. Increased alteration could be a result of the increased fracturing from 81-85m which are generally parallel to foliation with some rubble piles and possible unlithified fault gouge. Within this strongly altered section there is an increase of mineralization. It occurs throughout but with locally condensed patches of stringers and blebs. From 79.15-91 there is 8% py, 4% sph, 1% gn, and trace cpy The mineralization continues into the weaker sr but slightly less concentrated. From 91-99.3m there is 4% py, 2% sph, and trace gn/po	1368984	80.00	81.00	1.00	0.19				
			1368985	81.00	82.00	1.00	0.20				
			1368987	82.00	83.00	1.00	0.34				
			1368986	82.00	83.00	1.00	0.22				
			1368988	83.00	84.00	1.00	0.12				
			1368989	84.00	85.00	1.00	0.04				
			1368991	85.00	86.00	1.00	0.11				
			1368992	86.00	86.90	0.90	0.39				
			1368993	86.90	87.90	1.00	0.20				
			1368994	87.90	88.90	1.00	0.60				
			1368995	88.90	89.90	1.00	1.13				
			1368996	89.90	90.90	1.00	0.80				
			1368997	90.90	92.00	1.10	0.18				
			1368998	92.00	93.00	1.00	0.18				
			1368999	93.00	94.50	1.50	0.12				
			1327001	94.50	96.00	1.50	0.12				
		1327002	96.00	97.00	1.00	0.11					
		1327003	97.00	98.00	1.00	0.05					
		1327004	98.00	99.50	1.50	0.25					

Hole Number: TL13299

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
99.30	138.00	BMS, Biotite Muscovite Schist	1327005	99.50	100.50	1.00	0.11				
		BMS transitions out of above MSS zone, has moderate to weak sr alteration.	1327006	99.50	100.50	1.00	0.13				
		From 114-128 it becomes	1327007	100.50	102.00	1.50	0.06				
		very weak with strong bio, resembling a foliated MSED. From 129-138 Sr	1327008	102.00	103.50	1.50	0.02				
		becomes weak again.	1327009	103.50	105.00	1.50	0.03				
		2-3% py throughout with trace sph from 99.3-114m	1327011	105.00	106.50	1.50	0.01				
		Also a few sph stringers from 135-138m in small, strong sr patches.	1327012	106.50	108.00	1.50	0.04				
			1327013	108.00	109.50	1.50	0.13				
			1327014	109.50	111.00	1.50	0.04				
			1327015	111.00	112.50	1.50	0.07				
			1327016	112.50	114.00	1.50	0.06				
			1327017	132.00	133.50	1.50	0.03				
			1327018	133.50	135.00	1.50	0.06				
			1327019	135.00	136.00	1.00	0.12				
			1327021	136.00	137.00	1.00	0.08				
			1327022	137.00	138.00	1.00	0.26				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368959	24.50	26.00	0.0005				
1368961	26.00	27.00	0.0005				
1368962	27.00	28.50	0.0005				
1368963	28.50	30.00	0.0005				
1368964	30.00	31.50	0.0005				
1368965	31.50	33.00	0.0030				
1368967	33.00	34.00	0.0010				
1368968	34.00	35.50	0.0010				
1368969	64.50	66.00	0.0005				
1368971	66.00	67.00	0.1360				
1368972	67.00	68.00	0.0290				
1368973	68.00	69.00	0.0100				
1368974	69.00	70.00	0.0090				
1368975	70.00	71.00	0.0010				
1368976	71.00	72.50	0.0005				
1368977	72.50	74.00	0.1420				
1368978	74.00	75.00	0.0520				
1368979	75.00	76.50	0.0200				
1368981	76.50	78.00	0.2100				
1368982	78.00	79.00	0.0200				
1368983	79.00	80.00	0.0420				

Hole Number: TL13299

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368984	80.00	81.00	0.1930				
1368985	81.00	82.00	0.1990				
1368986	82.00	83.00	0.2180				
1368988	83.00	84.00	0.1160				
1368989	84.00	85.00	0.0410				
1368991	85.00	86.00	0.1140				
1368992	86.00	86.90	0.3930				
1368993	86.90	87.90	0.1950				
1368994	87.90	88.90	0.5990				
1368995	88.90	89.90	1.1270				
1368996	89.90	90.90	0.7990				
1368997	90.90	92.00	0.1780				
1368998	92.00	93.00	0.1840				
1368999	93.00	94.50	0.1230				
1327001	94.50	96.00	0.1190				
1327002	96.00	97.00	0.1140				
1327003	97.00	98.00	0.0510				
1327004	98.00	99.50	0.2490				
1327005	99.50	100.50	0.1070				
1327007	100.50	102.00	0.0570				
1327008	102.00	103.50	0.0180				
1327009	103.50	105.00	0.0250				
1327011	105.00	106.50	0.0130				
1327012	106.50	108.00	0.0410				
1327013	108.00	109.50	0.1330				
1327014	109.50	111.00	0.0370				
1327015	111.00	112.50	0.0680				
1327016	112.50	114.00	0.0600				
1327017	132.00	133.50	0.0270				
1327018	133.50	135.00	0.0640				
1327019	135.00	136.00	0.1200				
1327021	136.00	137.00	0.0750				
1327022	137.00	138.00	0.2620				
Sample Type	CDUP						
1368966	31.50	33.00	0.0020				
1368987	82.00	83.00	0.3360				
1327006	99.50	100.50	0.1260				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13299	24.5	26.0	1368959	1.00	5.69	18.00	370.00	1.00	2.00	2.58	2.00	10.00	16.00	261.00	2.20	0.38	15.00	1.11	296.00
TL13299	26.0	27.0	1368961	0.50	5.70	12.00	401.00	1.00	12.00	1.79	2.00	4.00	14.00	14.00	1.23	0.30	20.00	0.89	169.00
TL13299	27.0	28.5	1368962	0.50	5.75	12.00	382.00	1.00	5.00	2.05	2.00	3.00	14.00	11.00	1.30	0.33	18.00	0.98	181.00
TL13299	28.5	30.0	1368963	0.50	6.36	20.00	410.00	1.00	11.00	2.38	2.00	8.00	19.00	10.00	1.10	0.37	15.00	0.88	239.00
TL13299	30.0	31.5	1368964	0.50	4.63	11.00	317.00	1.00	6.00	1.67	2.00	4.00	16.00	7.00	1.09	0.24	15.00	0.80	182.00
TL13299	31.5	33.0	1368966	0.50	7.09	40.00	528.00	1.00	4.00	2.26	2.00	6.00	32.00	10.00	1.24	0.45	21.00	0.76	301.00
TL13299	31.5	33.0	1368965	1.00	7.33	35.00	529.00	1.00	0.50	1.99	2.00	13.00	26.00	11.00	1.92	0.40	23.00	0.78	272.00
TL13299	33.0	34.0	1368967	1.00	8.20	45.00	718.00	1.00	12.00	3.19	2.00	8.00	40.00	14.00	1.36	0.46	31.00	1.01	484.00
TL13299	34.0	35.5	1368968	1.00	4.72	53.00	588.00	1.00	6.00	2.10	2.00	12.00	37.00	15.00	2.25	0.59	27.00	0.86	315.00
TL13299	64.5	66.0	1368969	0.50	5.59	16.00	508.00	1.00	8.00	2.11	2.00	7.00	20.00	10.00	1.62	0.52	16.00	1.02	427.00
TL13299	66.0	67.0	1368971	1.00	5.84	15.00	459.00	1.00	10.00	1.69	2.00	21.00	119.00	49.00	3.56	0.39	13.00	1.23	623.00
TL13299	67.0	68.0	1368972	0.50	5.59	36.00	446.00	1.00	20.00	1.06	2.00	8.00	42.00	65.00	1.91	0.30	7.00	0.58	268.00
TL13299	68.0	69.0	1368973	0.50	7.16	32.00	472.00	1.00	19.00	3.51	2.00	8.00	22.00	21.00	2.07	0.43	11.00	1.62	632.00
TL13299	69.0	70.0	1368974	0.50	6.43	33.00	481.00	1.00	0.50	1.30	2.00	6.00	28.00	13.00	1.75	0.21	8.00	0.62	268.00
TL13299	70.0	71.0	1368975	0.50	7.22	24.00	538.00	1.00	15.00	2.15	2.00	8.00	25.00	20.00	1.80	0.53	14.00	1.08	475.00
TL13299	71.0	72.5	1368976	0.50	7.37	26.00	527.00	1.00	8.00	2.84	2.00	7.00	33.00	13.00	1.92	0.54	16.00	1.27	581.00
TL13299	72.5	74.0	1368977	7.00	4.67	40.00	372.00	1.00	4.00	0.88	2.00	9.00	44.00	44.00	1.89	0.37	4.00	0.36	183.00
TL13299	74.0	75.0	1368978	1.00	5.43	28.00	431.00	1.00	2.00	1.78	2.00	11.00	60.00	42.00	1.74	0.44	10.00	0.74	433.00
TL13299	75.0	76.5	1368979	0.50	4.75	25.00	436.00	1.00	15.00	1.52	2.00	12.00	80.00	21.00	2.19	0.41	8.00	0.81	420.00
TL13299	76.5	78.0	1368981	0.50	4.18	24.00	392.00	1.00	9.00	1.10	2.00	6.00	21.00	29.00	1.42	0.45	4.00	0.64	309.00
TL13299	78.0	79.0	1368982	0.50	6.31	28.00	570.00	1.00	16.00	1.82	2.00	8.00	28.00	12.00	1.91	0.60	10.00	0.93	485.00
TL13299	79.0	80.0	1368983	0.50	7.62	32.00	900.00	2.00	29.00	0.50	2.00	9.00	37.00	21.00	1.78	0.57	5.00	0.49	156.00
TL13299	80.0	81.0	1368984	0.50	9.20	72.00	862.00	1.00	20.00	0.86	2.00	10.00	53.00	46.00	2.26	0.75	13.00	0.37	105.00
TL13299	81.0	82.0	1368985	3.00	4.47	60.00	447.00	1.00	6.00	0.13	5.00	6.00	19.00	65.00	1.60	0.27	0.50	0.20	50.00
TL13299	82.0	83.0	1368986	2.00	6.04	46.00	534.00	1.00	3.00	0.33	2.00	7.00	41.00	39.00	1.12	0.27	4.00	0.20	50.00
TL13299	82.0	83.0	1368987	2.00	2.96	54.00	299.00	1.00	8.00	0.01	2.00	7.00	26.00	43.00	1.28	0.44	0.50	0.17	50.00
TL13299	83.0	84.0	1368988	0.50	5.99	65.00	529.00	1.00	21.00	0.38	2.00	8.00	52.00	22.00	1.43	0.45	4.00	0.22	50.00
TL13299	84.0	85.0	1368989	0.50	5.78	39.00	576.00	1.00	4.00	0.33	2.00	5.00	16.00	30.00	1.05	0.39	4.00	0.24	50.00
TL13299	85.0	86.0	1368991	0.50	5.72	66.00	1074.00	1.00	18.00	0.38	2.00	7.00	43.00	53.00	1.83	0.63	6.00	0.44	173.00
TL13299	86.0	86.9	1368992	4.00	3.90	70.00	500.00	1.00	5.00	0.11	4.00	8.00	30.00	72.00	2.36	0.30	0.50	0.22	108.00
TL13299	86.9	87.9	1368993	5.00	5.57	48.00	502.00	1.00	15.00	1.24	2.00	7.00	19.00	44.00	1.55	0.36	6.00	0.72	474.00
TL13299	87.9	88.9	1368994	40.00	3.89	139.00	382.00	1.00	9.00	0.34	8.00	7.00	18.00	75.00	1.47	0.26	2.00	0.42	240.00
TL13299	88.9	89.9	1368995	7.00	2.45	59.00	257.00	1.00	3.00	0.12	9.00	4.00	20.00	62.00	1.26	0.12	0.50	0.21	130.00
TL13299	89.9	90.9	1368996	2.00	4.68	47.00	385.00	1.00	16.00	0.79	2.00	6.00	24.00	28.00	1.27	0.15	5.00	0.48	249.00
TL13299	90.9	92.0	1368997	0.50	4.26	58.00	328.00	1.00	9.00	0.86	2.00	6.00	29.00	16.00	1.46	0.29	4.00	0.61	394.00
TL13299	92.0	93.0	1368998	0.50	5.79	79.00	353.00	1.00	16.00	1.30	2.00	15.00	84.00	24.00	2.46	0.34	9.00	0.67	451.00
TL13299	93.0	94.5	1368999	0.50	4.19	95.00	273.00	1.00	0.50	1.03	2.00	13.00	76.00	48.00	2.12	0.45	7.00	0.69	394.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13299	24.5	26.0	1368959	30.00	25.00	433.00	76.00	2.25	2.50	2.50	5.00	179.00	1501.00	1.00	30.00	5.00	6.00	161.00
TL13299	26.0	27.0	1368961	20.00	16.00	544.00	21.00	1.33	2.50	5.00	5.00	165.00	1477.00	1.00	32.00	5.00	5.00	63.00
TL13299	27.0	28.5	1368962	16.00	18.00	474.00	19.00	1.18	2.50	2.50	5.00	187.00	1539.00	1.00	32.00	5.00	4.00	54.00
TL13299	28.5	30.0	1368963	17.00	23.00	447.00	22.00	1.17	2.50	7.00	5.00	205.00	1598.00	1.00	29.00	5.00	4.00	80.00
TL13299	30.0	31.5	1368964	11.00	23.00	378.00	17.00	1.00	2.50	2.50	5.00	146.00	1436.00	1.00	27.00	5.00	4.00	47.00
TL13299	31.5	33.0	1368966	21.00	43.00	565.00	21.00	1.09	6.00	6.00	5.00	247.00	1579.00	1.00	35.00	5.00	5.00	51.00
TL13299	31.5	33.0	1368965	19.00	40.00	494.00	25.00	2.18	2.50	8.00	5.00	209.00	1725.00	1.00	37.00	5.00	5.00	161.00
TL13299	33.0	34.0	1368967	38.00	46.00	654.00	27.00	1.16	2.50	2.50	5.00	267.00	1527.00	1.00	37.00	5.00	5.00	41.00
TL13299	34.0	35.5	1368968	30.00	53.00	595.00	29.00	2.54	5.00	15.00	5.00	207.00	1656.00	1.00	41.00	5.00	6.00	146.00
TL13299	64.5	66.0	1368969	19.00	31.00	562.00	29.00	0.45	2.50	2.50	5.00	181.00	1498.00	1.00	31.00	5.00	5.00	51.00
TL13299	66.0	67.0	1368971	18.00	82.00	590.00	45.00	1.69	2.50	2.50	5.00	116.00	1855.00	1.00	80.00	5.00	10.00	124.00
TL13299	67.0	68.0	1368972	13.00	45.00	562.00	43.00	1.80	2.50	8.00	5.00	95.00	1219.00	1.00	47.00	5.00	5.00	60.00
TL13299	68.0	69.0	1368973	20.00	29.00	597.00	32.00	1.18	6.00	10.00	5.00	129.00	1189.00	1.00	39.00	5.00	6.00	71.00
TL13299	69.0	70.0	1368974	17.00	44.00	552.00	22.00	1.59	2.50	2.50	5.00	103.00	1342.00	1.00	44.00	5.00	5.00	62.00
TL13299	70.0	71.0	1368975	20.00	41.00	647.00	26.00	1.11	6.00	9.00	5.00	112.00	1596.00	1.00	44.00	5.00	5.00	66.00
TL13299	71.0	72.5	1368976	24.00	52.00	561.00	35.00	0.99	2.50	12.00	5.00	127.00	1680.00	1.00	49.00	5.00	6.00	47.00
TL13299	72.5	74.0	1368977	9.00	54.00	516.00	97.00	2.01	2.50	6.00	5.00	75.00	1236.00	1.00	44.00	5.00	6.00	187.00
TL13299	74.0	75.0	1368978	19.00	53.00	470.00	41.00	1.29	2.50	2.50	5.00	94.00	1427.00	1.00	50.00	5.00	7.00	74.00
TL13299	75.0	76.5	1368979	17.00	66.00	439.00	44.00	1.41	2.50	2.50	5.00	90.00	1562.00	1.00	53.00	5.00	8.00	86.00
TL13299	76.5	78.0	1368981	5.00	36.00	553.00	48.00	1.01	2.50	2.50	5.00	76.00	1266.00	1.00	32.00	5.00	5.00	142.00
TL13299	78.0	79.0	1368982	19.00	49.00	653.00	46.00	1.42	2.50	6.00	5.00	111.00	1385.00	1.00	42.00	5.00	5.00	59.00
TL13299	79.0	80.0	1368983	9.00	63.00	777.00	48.00	1.56	2.50	13.00	5.00	81.00	2120.00	1.00	62.00	5.00	5.00	65.00
TL13299	80.0	81.0	1368984	25.00	72.00	747.00	101.00	2.49	7.00	20.00	5.00	99.00	1296.00	1.00	62.00	13.00	6.00	142.00
TL13299	81.0	82.0	1368985	1.00	37.00	543.00	673.00	1.92	2.50	7.00	5.00	53.00	832.00	1.00	27.00	19.00	4.00	1528.00
TL13299	82.0	83.0	1368986	7.00	46.00	432.00	110.00	1.29	5.00	8.00	5.00	68.00	926.00	1.00	35.00	10.00	4.00	369.00
TL13299	82.0	83.0	1368987	0.50	35.00	467.00	103.00	1.52	6.00	2.50	5.00	40.00	625.00	1.00	25.00	10.00	3.00	654.00
TL13299	83.0	84.0	1368988	8.00	35.00	398.00	73.00	1.86	2.50	15.00	5.00	69.00	914.00	1.00	44.00	5.00	4.00	186.00
TL13299	84.0	85.0	1368989	6.00	22.00	489.00	45.00	1.26	2.50	2.50	5.00	63.00	976.00	1.00	30.00	5.00	4.00	184.00
TL13299	85.0	86.0	1368991	9.00	71.00	537.00	59.00	1.72	2.50	7.00	5.00	67.00	1388.00	1.00	36.00	12.00	5.00	167.00
TL13299	86.0	86.9	1368992	4.00	55.00	420.00	278.00	2.80	6.00	2.50	5.00	46.00	1212.00	1.00	29.00	19.00	4.00	1276.00
TL13299	86.9	87.9	1368993	9.00	20.00	475.00	173.00	1.59	2.50	2.50	5.00	86.00	1471.00	1.00	33.00	12.00	4.00	433.00
TL13299	87.9	88.9	1368994	1.00	33.00	455.00	544.00	1.62	18.00	2.50	5.00	57.00	1336.00	1.00	28.00	36.00	4.00	2722.00
TL13299	88.9	89.9	1368995	0.50	41.00	384.00	135.00	1.50	2.50	2.50	5.00	41.00	813.00	1.00	19.00	35.00	4.00	2593.00
TL13299	89.9	90.9	1368996	10.00	38.00	481.00	133.00	1.32	5.00	13.00	5.00	73.00	1159.00	1.00	25.00	16.00	5.00	490.00
TL13299	90.9	92.0	1368997	7.00	51.00	496.00	53.00	1.38	2.50	5.00	5.00	69.00	1259.00	1.00	26.00	5.00	4.00	250.00
TL13299	92.0	93.0	1368998	17.00	70.00	533.00	58.00	2.64	2.50	2.50	5.00	93.00	1485.00	1.00	49.00	5.00	10.00	113.00
TL13299	93.0	94.5	1368999	14.00	68.00	476.00	46.00	2.08	2.50	5.00	5.00	76.00	1314.00	1.00	36.00	5.00	9.00	129.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13299	94.5	96.0	1327001	0.50	5.02	37.00	355.00	1.00	21.00	1.64	2.00	7.00	22.00	10.00	1.63	0.42	8.00	0.94	556.00
TL13299	96.0	97.0	1327002	0.50	5.66	75.00	425.00	1.00	7.00	1.26	2.00	8.00	30.00	47.00	1.87	0.32	8.00	0.80	417.00
TL13299	97.0	98.0	1327003	0.50	6.86	28.00	425.00	1.00	19.00	1.96	2.00	7.00	25.00	23.00	1.68	0.35	16.00	1.54	785.00
TL13299	98.0	99.5	1327004	1.00	7.75	42.00	544.00	1.00	7.00	2.43	2.00	7.00	35.00	21.00	1.66	0.37	19.00	1.03	536.00
TL13299	99.5	100.5	1327005	0.50	6.64	44.00	503.00	1.00	15.00	2.09	2.00	7.00	25.00	16.00	1.88	0.41	14.00	1.24	547.00
TL13299	99.5	100.5	1327006	0.50	5.60	55.00	348.00	1.00	12.00	1.98	2.00	7.00	26.00	15.00	1.88	0.46	12.00	1.14	512.00
TL13299	100.5	102.0	1327007	0.50	4.63	28.00	212.00	1.00	11.00	1.36	2.00	14.00	83.00	22.00	2.62	0.37	11.00	1.74	628.00
TL13299	102.0	103.5	1327008	0.50	6.64	11.00	482.00	1.00	18.00	2.59	2.00	10.00	58.00	19.00	2.23	0.46	13.00	1.52	804.00
TL13299	103.5	105.0	1327009	0.50	5.52	19.00	408.00	1.00	0.50	2.06	2.00	7.00	22.00	18.00	1.58	0.44	11.00	1.18	617.00
TL13299	105.0	106.5	1327011	0.50	5.68	14.00	415.00	1.00	12.00	2.16	2.00	6.00	29.00	3.00	1.73	0.34	12.00	1.34	478.00
TL13299	106.5	108.0	1327012	0.50	5.97	25.00	441.00	1.00	24.00	2.24	2.00	10.00	48.00	18.00	1.88	0.26	12.00	1.07	424.00
TL13299	108.0	109.5	1327013	0.50	5.26	80.00	282.00	1.00	0.50	2.05	2.00	20.00	106.00	69.00	3.53	0.40	11.00	1.19	577.00
TL13299	109.5	111.0	1327014	0.50	6.03	22.00	405.00	1.00	14.00	2.91	2.00	8.00	46.00	14.00	2.10	0.29	14.00	1.43	752.00
TL13299	111.0	112.5	1327015	0.50	5.09	41.00	272.00	1.00	9.00	2.39	2.00	12.00	66.00	19.00	2.44	0.40	10.00	1.26	589.00
TL13299	112.5	114.0	1327016	2.00	7.84	22.00	899.00	1.00	8.00	2.74	2.00	12.00	103.00	26.00	2.36	0.17	31.00	0.80	427.00
TL13299	132.0	133.5	1327017	2.00	8.45	17.00	1153.00	1.00	12.00	4.25	2.00	6.00	47.00	52.00	1.89	0.37	36.00	0.93	555.00
TL13299	133.5	135.0	1327018	1.00	8.02	30.00	993.00	1.00	26.00	3.62	2.00	8.00	43.00	24.00	1.78	0.56	35.00	0.76	441.00
TL13299	135.0	136.0	1327019	2.00	9.07	36.00	896.00	1.00	15.00	3.01	2.00	7.00	37.00	38.00	1.55	0.53	36.00	0.69	330.00
TL13299	136.0	137.0	1327021	1.00	8.09	39.00	979.00	2.00	9.00	3.33	2.00	7.00	40.00	37.00	1.68	0.40	38.00	0.76	427.00
TL13299	137.0	138.0	1327022	2.00	10.69	62.00	925.00	2.00	13.00	3.35	2.00	7.00	40.00	30.00	1.72	0.33	37.00	0.82	396.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13299	94.5	96.0	1327001	13.00	36.00	537.00	54.00	1.25	2.50	2.50	5.00	109.00	1468.00	1.00	27.00	5.00	5.00	120.00
TL13299	96.0	97.0	1327002	13.00	45.00	527.00	121.00	1.59	2.50	2.50	5.00	107.00	1613.00	1.00	33.00	10.00	5.00	275.00
TL13299	97.0	98.0	1327003	26.00	39.00	584.00	52.00	0.77	2.50	12.00	5.00	132.00	1608.00	1.00	31.00	5.00	6.00	153.00
TL13299	98.0	99.5	1327004	28.00	39.00	564.00	37.00	1.47	6.00	5.00	5.00	119.00	1651.00	1.00	32.00	11.00	6.00	404.00
TL13299	99.5	100.5	1327005	22.00	35.00	505.00	34.00	1.31	2.50	2.50	5.00	109.00	1744.00	1.00	38.00	5.00	5.00	134.00
TL13299	99.5	100.5	1327006	17.00	37.00	500.00	33.00	1.49	2.50	2.50	5.00	101.00	1392.00	1.00	29.00	5.00	5.00	121.00
TL13299	100.5	102.0	1327007	23.00	74.00	548.00	39.00	1.05	2.50	2.50	5.00	84.00	1573.00	1.00	45.00	11.00	9.00	177.00
TL13299	102.0	103.5	1327008	25.00	47.00	535.00	31.00	0.96	2.50	5.00	5.00	132.00	1734.00	1.00	42.00	5.00	8.00	110.00
TL13299	103.5	105.0	1327009	16.00	30.00	490.00	19.00	0.85	2.50	2.50	5.00	105.00	1405.00	1.00	26.00	5.00	5.00	37.00
TL13299	105.0	106.5	1327011	19.00	44.00	552.00	12.00	0.57	2.50	9.00	5.00	111.00	1568.00	1.00	30.00	5.00	5.00	59.00
TL13299	106.5	108.0	1327012	20.00	44.00	501.00	24.00	1.21	2.50	6.00	5.00	119.00	1556.00	1.00	36.00	5.00	7.00	81.00
TL13299	108.0	109.5	1327013	22.00	81.00	531.00	44.00	3.04	2.50	6.00	5.00	106.00	1949.00	1.00	60.00	10.00	11.00	178.00
TL13299	109.5	111.0	1327014	22.00	39.00	524.00	25.00	0.78	2.50	2.50	5.00	122.00	1771.00	1.00	44.00	5.00	7.00	50.00
TL13299	111.0	112.5	1327015	17.00	57.00	506.00	27.00	1.49	2.50	5.00	5.00	106.00	1714.00	1.00	45.00	5.00	8.00	184.00
TL13299	112.5	114.0	1327016	48.00	56.00	417.00	47.00	1.78	2.50	2.50	5.00	147.00	2261.00	1.00	62.00	5.00	7.00	66.00
TL13299	132.0	133.5	1327017	48.00	29.00	465.00	68.00	1.25	5.00	16.00	5.00	217.00	1930.00	1.00	41.00	5.00	5.00	136.00
TL13299	133.5	135.0	1327018	40.00	38.00	493.00	49.00	1.09	2.50	5.00	5.00	173.00	1967.00	1.00	40.00	5.00	5.00	125.00
TL13299	135.0	136.0	1327019	40.00	24.00	530.00	81.00	1.26	2.50	7.00	5.00	172.00	1982.00	1.00	40.00	5.00	5.00	266.00
TL13299	136.0	137.0	1327021	42.00	26.00	518.00	70.00	1.35	2.50	2.50	5.00	178.00	1998.00	1.00	39.00	13.00	5.00	545.00
TL13299	137.0	138.0	1327022	46.00	26.00	533.00	184.00	1.65	7.00	2.50	5.00	177.00	1943.00	1.00	39.00	10.00	6.00	131.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13299	15.0	26.3	11.3	PY	DISS	2	1-2% diss. py, local stringers and blebs, some patches of condensed stringers
TL13299	26.3	33.6	7.3	PY	DISS	2	1-2% diss. py, local stringers and blebs
TL13299	33.6	66.9	33.3	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13299	33.6	66.9	33.3	PO	BLB	0.1	Trace po blebs
TL13299	66.9	79.2	12.3	PY	DISS	3	2-3% diss. py, common stringers and blebs, usually within strong sr patches
TL13299	72.0	79.2	7.2	SPH	ST	1	Trace to 1% sph stringers within strong sr patches
TL13299	79.2	91.0	11.9	PY	DISS	8	7-8% diss. py with abundant stringers and blebs
TL13299	79.2	91.0	11.9	SPH	ST	4	3-4% sph stringers
TL13299	79.2	91.0	11.9	CP	BLB	0.1	Trace cpy blebs associated with py, sph, gn
TL13299	79.2	91.0	11.9	PB	BLB	1	1% gn blebs associated with sph/py stringers
TL13299	91.0	99.3	8.3	PY	DISS	4	3-4% diss. py, common stringers and blebs
TL13299	91.0	99.3	8.3	PO	BLB	0.1	Trace po blebs with some py
TL13299	91.0	99.3	8.3	PB	BLB	0.1	Trace gn blebs associated with sph
TL13299	91.0	99.3	8.3	SPH	ST	2	1-2% sph stringers
TL13299	99.3	114.0	14.7	SPH	ST	0.1	Trace sph stringers and blebs, usually in strong patches of sr
TL13299	99.3	138.0	38.7	PO	BLB	0.1	Trace po blebs often found near qz veins
TL13299	99.3	138.0	38.7	PY	DISS	3	2-3% diss. py, local stringers and blebs
TL13299	135.0	138.0	3.0	SPH	ST	1	Trace to 1% sph stringers in patches of strong sr

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
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Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13299	15.0	26.3	11.3	FOL	Moderate	55	50-60 deg TCA
TL13299	15.0	26.3	11.3	FR	Weak	40	Fractures 20-60 deg TCA, some infilled with dark green tourm
TL13299	26.3	33.6	7.3	FR	Weak	50	Fractures 40-60 deg TCA, cross-cutting foliation
TL13299	26.3	33.6	7.3	FOL	Moderate	55	55 deg TCA
TL13299	28.8	28.8	0.1	FTZ	Weak		Small fault zone with minor rubble and unlithified fault gouge, unable to determine orientation
TL13299	33.6	55.0	21.4	FOL	Moderate	60	60 deg TCA
TL13299	33.6	79.2	45.6	FR	Weak	50	Fracture set 40-60 deg TCA, minor marginal alt, some infilled with qz, x-cut foliation
TL13299	55.0	79.2	24.2	FOL	Moderate	55	55 deg TCA
TL13299	60.3	60.4	0.1	Fold	Moderate	32	F2 fold, axial plane 32 deg TCA
TL13299	79.2	99.3	20.2	FOL	Moderate	65	65 deg TCA
TL13299	79.2	99.3	20.2	FR	Weak	50	Fracture set 40-60 deg TCA, minor marginal alt, some infilled with qz, x-cut foliation
TL13299	81.0	85.0	4.0	FR	Moderate	65	Abundant fracturing, mostly parallel to foliation. several patches of rubble with minor fault gouge.
TL13299	86.3	86.7	0.4	Fold	Weak		Irregular folding of foliation and qz veins. Mineralized
TL13299	99.3	138.0	38.7	FOL	Moderate	62	60-65 deg TCA
TL13299	99.3	138.0	38.7				

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13299	15.0	26.3	11.3	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio, gradual increase to lower MSS. Some patches of strong sr
TL13299	15.0	26.3	11.3	SI	Pervasive	Moderate	Moderate silicification
TL13299	26.3	33.6	7.3	SR	Patchy	Strong	Semi-pervasive sericite, 60% sr 40% bio, gradual transition from surrounding BMS
TL13299	26.3	33.6	7.3	SI	Pervasive	Moderate	Moderate to strong silicification
TL13299	33.6	53.0	19.4	SR	Patchy	Moderate	Semi-pervasive sericite, 55% sr 45% bio
TL13299	33.6	79.2	45.6	SI	Pervasive	Moderate	Weak to moderate silicification
TL13299	53.0	66.9	13.9	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13299	66.9	79.2	12.3	SR	Patchy	Moderate	Semi-pervasive sericite, very patchy with .5m intervals of very strong and weak sr
TL13299	73.1	73.3	0.3	Fuc	Pervasive	Moderate	Weak to moderate, light green fuch/chl? alteration in strong sr
TL13299	79.2	81.0	1.9	Fuc	Patchy	Very Weak	Rare, 1-3mm patches of green-blue fuch alteration
TL13299	79.2	90.5	11.4	SR	Patchy	Very Strong	Semi-pervasive sericite, 95% sr 5% bio
TL13299	79.2	99.3	20.2	SI	Pervasive	Moderate	Weak to moderate silicification
TL13299	90.5	99.3	8.8	SR	Patchy	Strong	Semi-pervasive sericite, 70% sr 30% bio
TL13299	99.3	108.0	8.7	SI	Pervasive	Very Weak	Very weak silicification
TL13299	99.3	114.0	14.7	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio
TL13299	108.0	138.0	30.0	SI	Pervasive	Weak	Weak to moderate silicification
TL13299	114.0	129.0	15.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio
TL13299	117.0	128.0	11.0	BT	Pervasive	Strong	Strong bio, has a dark, foliated MSED look to it
TL13299	129.0	138.0	9.0	SR	Patchy	Weak	Semi-pervasive sericite, 15% sr 85% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13299	15	18	3	2.96	2.96	98.67	98.67	3	LRP
TL13299	18	21	3	3.02	3.02	100.67	100.67	3	
TL13299	21	24	3	3.06	2.49	102	83	20	
TL13299	24	27	3	3.03	2.58	101	86	11	
TL13299	27	30	3	3.08	2.7	102.67	90	20	
TL13299	30	33	3	2.97	2.22	99	74	24	
TL13299	33	36	3	2.88	2.75	96	91.67	6	
TL13299	36	39	3	2.95	2.67	98.33	89	10	
TL13299	39	42	3	3.02	2.86	100.67	95.33	8	
TL13299	42	45	3	3.02	2.31	100.67	77	13	
TL13299	45	48	3	3.04	2.54	101.33	84.67	18	
TL13299	48	51	3	2.93	2.74	97.67	91.33	9	
TL13299	51	54	3	2.99	2.63	99.67	87.67	11	
TL13299	54	57	3	3.02	2.48	100.67	82.67	16	
TL13299	57	60	3	3.01	2.85	100.33	95	7	
TL13299	60	63	3	2.97	2.81	99	93.67	3	
TL13299	63	66	3	2.99	2.78	99.67	92.67	8	
TL13299	66	69	3	2.99	2.31	99.67	77	10	
TL13299	69	72	3	3.03	2.68	101	89.33	7	
TL13299	72	75	3	3.03	2.14	101	71.33	14	
TL13299	75	78	3	2.99	2.46	99.67	82	16	
TL13299	78	81	3	2.96	2.14	98.67	71.33	23	
TL13299	81	84	3	3.01	0.56	100.33	18.67	46	
TL13299	84	87	3	3	0.58	100	19.33	37	
TL13299	87	90	3	2.99	2.66	99.67	88.67	12	
TL13299	90	93	3	2.97	2.79	99	93	9	
TL13299	93	96	3	2.96	2.51	98.67	83.67	17	
TL13299	96	99	3	3	2.77	100	92.33	10	
TL13299	99	102	3	2.98	2.93	99.33	97.67	10	
TL13299	102	105	3	2.95	2.47	98.33	82.33	12	
TL13299	105	108	3	2.98	2.79	99.33	93	14	
TL13299	108	111	3	3.04	2.08	101.33	69.33	31	
TL13299	111	114	3	3	2.89	100	96.33	8	
TL13299	114	117	3	2.95	2.86	98.33	95.33	5	
TL13299	117	120	3	3	2.74	100	91.33	8	
TL13299	120	123	3	2.96	2.85	98.67	95	8	
TL13299	123	126	3	3.01	2.83	100.33	94.33	9	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13299	126	129	3	2.97	2.66	99	88.67	11	
TL13299	129	132	3	2.89	2.67	96.33	89	8	
TL13299	132	135	3	3.01	2.82	100.33	94	5	
TL13299	135	138	3	3.02	3.02	100.67	100.67	8	

Hole Number: TL13300

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512073.27	North:	Collar Az: 357.00
Location: Zealand Township	East: 528300.40	East:	Length: 147.00
	Elev: 395.89	Elev:	Start Depth: 0.00
Date Started: Jan 11, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 12, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 147.00

Comments: Logged by Brian Wolfe

Patent #0134 (34461 Betker Option)

MSS C-Zone from 82.55m-102.84m

This C-Zone MSS has very strong patchy sericitic alteration and very weak to moderate patchy silicification up until 101.24m-102.84m where the silica content increases to strong and patchy. The mineralization in this unit consists of 1% disseminated pyrite, 3% pyrite in stringers, 2% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	357.00	-47.50	EZ Sho	OK		24.00	357.80	-47.20	EZ Sho	OK	
54.00	357.60	-46.50	EZ Sho	OK		102.00	354.80	-43.80	EZ Sho	OK	
144.00	354.50	-43.50	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	13.14	OB, Overburden									
13.14	82.55	BMS, Biotite Muscovite Schist	1327023	76.50	78.00	1.50	0.02				
		This BMS uni has weak to moderate patchy sericitic alteration with patches up to 2m in width. The silicification in this unit is strong but very patchy (strong in dark patches, weak in light patches). This unit is very poorly mineralized with trace to 1% disseminated pyrite, trace to 1% pyrite in stringers. From 76.5m-82.55m there is trace sphalerite stringers and trace galena blebs.	1327024	78.00	79.50	1.50	0.08				
			1327025	79.50	81.00	1.50	2.04				
			1327026	79.50	81.00	1.50	1.52				1.07
			1327027	81.00	82.50	1.50	0.11				0.25
			1327028	82.50	84.00	1.50	0.91				0.42

Hole Number: TL13300

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
82.55	102.84	MSS, Muscovite Sericite Schist	1327029	84.00	85.50	1.50	0.79				0.51
		MSS C-Zone from 82.55m-102.84m	1327031	85.50	87.00	1.50	0.25				0.25
		This C-Zone MSS has very strong patchy sericitic alteration and very weak to moderate patchy silicification up until 101.24m-102.84m where the silica content increases to strong and patchy. The mineralization in this unit consists of 1% disseminated pyrite, 3% pyrite in stringers, 2% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.	1327032	87.00	88.50	1.50	0.24				0.24
			1327033	88.50	90.00	1.50	5.53				23.77
			1327034	90.00	91.50	1.50	0.13				
			1327035	91.50	92.50	1.00	0.75				
			1327036	92.50	93.50	1.00	0.20				
			1327037	93.50	94.50	1.00	0.18				
			1327038	94.50	96.00	1.50	0.05				
			1327039	96.00	97.50	1.50	0.10				
			1327041	97.50	99.00	1.50	0.37				
			1327042	99.00	100.50	1.50	0.21				
			1327043	100.50	101.50	1.00	0.50				
			1327044	101.50	102.80	1.30	1.64				
			1327046	102.80	104.30	1.50	0.12				
			1327045	102.80	104.30	1.50	0.12				
102.84	147.00	BMS, Biotite Muscovite Schist	1327047	104.30	105.80	1.50	0.06				
		This BMS unit has very weak patchy sericitic alteration except for between 111.28m-114m where it is very strong and patchy. The silicification within this unit is strong and patchy throughout. The mineralization in this unit consists of trace to 1% disseminated pyrite, 1% pyrite in stringers, trace pyrrhotite blebs, trace sphalerite stringers and trace galena blebs. The best mineralized interval occurs between 111.28m to 112m depth.	1327048	105.80	107.30	1.50	0.12				
			1327049	107.30	108.80	1.50	0.01				
			1327051	108.80	110.30	1.50	0.02				
			1327052	110.30	111.30	1.00	0.04				
			1327053	111.30	112.30	1.00	0.26				
			1327054	112.30	113.80	1.50	0.05				
			1327055	113.80	115.30	1.50	0.03				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327023	76.50	78.00	0.0200				
1327024	78.00	79.50	0.0750				
1327025	79.50	81.00	2.0390				
1327027	81.00	82.50	0.1100			0.2490	
1327028	82.50	84.00	0.9140			0.4220	
1327029	84.00	85.50	0.7880			0.5140	
1327031	85.50	87.00	0.2480			0.2500	
1327032	87.00	88.50	0.2360			0.2430	
1327033	88.50	90.00	5.5280			23.7670	
1327034	90.00	91.50	0.1250				
1327035	91.50	92.50	0.7500				
1327036	92.50	93.50	0.2010				
1327037	93.50	94.50	0.1840				

Hole Number: TL13300

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327038	94.50	96.00	0.0540				
1327039	96.00	97.50	0.1000				
1327041	97.50	99.00	0.3690				
1327042	99.00	100.50	0.2090				
1327043	100.50	101.50	0.5040				
1327044	101.50	102.80	1.6350				
1327045	102.80	104.30	0.1230				
1327047	104.30	105.80	0.0590				
1327048	105.80	107.30	0.1150				
1327049	107.30	108.80	0.0100				
1327051	108.80	110.30	0.0230				
1327052	110.30	111.30	0.0410				
1327053	111.30	112.30	0.2620				
1327054	112.30	113.80	0.0510				
1327055	113.80	115.30	0.0280				
Sample Type	CDUP						
1327026	79.50	81.00	1.5240			1.0720	
1327046	102.80	104.30	0.1150				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13300	76.5	78.0	1327023	1.00	4.61	22.00	310.00	1.00	0.50	1.56	2.00	9.00	0.50	6.00	1.48	0.25	0.50	0.81	453.00
TL13300	78.0	79.5	1327024	0.50	4.98	11.00	383.00	1.00	0.50	1.59	2.00	6.00	0.50	8.00	1.44	0.29	0.50	0.83	432.00
TL13300	79.5	81.0	1327026	3.00	4.01	14.00	297.00	1.00	1.00	0.21	2.00	5.00	0.50	21.00	1.45	0.47	0.50	0.19	50.00
TL13300	79.5	81.0	1327025	10.00	4.33	26.00	317.00	1.00	0.50	0.29	7.00	6.00	0.50	45.00	1.48	0.37	0.50	0.18	50.00
TL13300	81.0	82.5	1327027	0.50	4.77	21.00	357.00	1.00	0.50	0.93	2.00	7.00	0.50	13.00	1.80	0.63	0.50	0.58	327.00
TL13300	82.5	84.0	1327028	0.50	4.01	22.00	361.00	1.00	0.50	0.08	2.00	4.00	0.50	46.00	1.36	0.04	0.50	0.14	102.00
TL13300	84.0	85.5	1327029	3.00	3.69	36.00	358.00	1.00	0.50	0.01	2.00	7.00	0.50	21.00	1.11	0.03	0.50	0.09	50.00
TL13300	85.5	87.0	1327031	1.00	3.78	67.00	336.00	1.00	0.50	0.30	2.00	5.00	0.50	44.00	1.53	0.12	0.50	0.42	168.00
TL13300	87.0	88.5	1327032	0.50	3.85	54.00	418.00	1.00	0.50	0.01	4.00	5.00	0.50	22.00	1.43	0.07	0.50	0.11	50.00
TL13300	88.5	90.0	1327033	83.00	2.86	1734.00	275.00	1.00	0.50	0.01	5.00	12.00	0.50	1257.00	1.90	0.08	0.50	0.16	50.00
TL13300	90.0	91.5	1327034	0.50	3.61	65.00	316.00	1.00	0.50	0.01	2.00	8.00	0.50	42.00	1.54	0.01	0.50	0.16	50.00
TL13300	91.5	92.5	1327035	4.00	2.93	170.00	235.00	1.00	1.00	0.01	19.00	10.00	0.50	153.00	2.28	0.01	0.50	0.13	50.00
TL13300	92.5	93.5	1327036	0.50	3.55	58.00	304.00	1.00	0.50	0.01	4.00	6.00	0.50	34.00	1.66	0.09	0.50	0.15	50.00
TL13300	93.5	94.5	1327037	1.00	4.16	52.00	377.00	1.00	0.50	0.53	5.00	8.00	0.50	36.00	2.11	0.25	0.50	0.47	287.00
TL13300	94.5	96.0	1327038	0.50	5.79	32.00	439.00	1.00	0.50	1.25	2.00	8.00	0.50	18.00	1.51	0.27	0.50	0.86	497.00
TL13300	96.0	97.5	1327039	0.50	4.77	36.00	325.00	1.00	0.50	1.43	2.00	6.00	0.50	14.00	1.50	0.08	0.50	0.90	585.00
TL13300	97.5	99.0	1327041	2.00	4.57	49.00	393.00	1.00	0.50	0.50	8.00	9.00	0.50	40.00	1.70	0.19	0.50	0.45	262.00
TL13300	99.0	100.5	1327042	3.00	4.44	36.00	331.00	1.00	0.50	0.69	2.00	5.00	0.50	19.00	1.24	0.52	0.50	0.52	280.00
TL13300	100.5	101.5	1327043	2.00	3.74	35.00	311.00	1.00	0.50	0.45	2.00	6.00	0.50	36.00	1.17	0.29	0.50	0.45	258.00
TL13300	101.5	102.8	1327044	5.00	3.71	35.00	349.00	1.00	1.00	0.30	6.00	6.00	0.50	162.00	1.46	0.08	0.50	0.31	181.00
TL13300	102.8	104.3	1327045	0.50	4.46	24.00	329.00	1.00	0.50	1.19	2.00	6.00	0.50	24.00	1.33	0.03	0.50	0.72	514.00
TL13300	102.8	104.3	1327046	0.50	4.65	28.00	343.00	1.00	1.00	1.25	2.00	7.00	0.50	22.00	1.48	0.19	0.50	0.74	537.00
TL13300	104.3	105.8	1327047	0.50	4.82	31.00	383.00	1.00	0.50	1.56	2.00	7.00	0.50	9.00	1.40	0.27	0.50	0.89	627.00
TL13300	105.8	107.3	1327048	0.50	3.75	30.00	325.00	1.00	0.50	2.01	2.00	14.00	0.50	38.00	2.45	0.06	0.50	1.26	735.00
TL13300	107.3	108.8	1327049	0.50	4.96	5.00	492.00	1.00	0.50	1.92	2.00	7.00	0.50	20.00	1.62	0.16	0.50	1.38	638.00
TL13300	108.8	110.3	1327051	0.50	4.87	8.00	445.00	1.00	0.50	1.92	2.00	7.00	0.50	15.00	1.64	0.15	0.50	1.18	537.00
TL13300	110.3	111.3	1327052	0.50	4.18	9.00	344.00	1.00	0.50	1.56	2.00	8.00	0.50	9.00	1.55	0.09	0.50	0.98	572.00
TL13300	111.3	112.3	1327053	1.00	2.28	41.00	329.00	1.00	0.50	0.01	21.00	4.00	0.50	34.00	1.79	0.01	0.50	0.19	50.00
TL13300	112.3	113.8	1327054	0.50	4.62	14.00	447.00	1.00	0.50	1.14	2.00	8.00	0.50	9.00	1.40	0.01	0.50	0.63	272.00
TL13300	113.8	115.3	1327055	0.50	4.27	7.00	381.00	1.00	2.00	1.68	2.00	7.00	0.50	9.00	1.58	0.24	0.50	0.97	368.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13300	76.5	78.0	1327023	0.50	29.00	488.00	24.00	0.83	8.00	14.00	5.00	97.00	1244.00	1.00	28.00	5.00	3.00	67.00
TL13300	78.0	79.5	1327024	0.50	27.00	464.00	31.00	0.86	2.50	11.00	5.00	96.00	1058.00	1.00	29.00	5.00	3.00	37.00
TL13300	79.5	81.0	1327026	0.50	68.00	367.00	115.00	1.36	2.50	15.00	5.00	80.00	884.00	1.00	28.00	5.00	2.00	443.00
TL13300	79.5	81.0	1327025	0.50	34.00	375.00	571.00	1.62	11.00	7.00	5.00	85.00	902.00	1.00	27.00	21.00	2.00	1808.00
TL13300	81.0	82.5	1327027	0.50	99.00	472.00	45.00	1.31	2.50	11.00	5.00	87.00	979.00	1.00	30.00	5.00	3.00	56.00
TL13300	82.5	84.0	1327028	0.50	103.00	398.00	63.00	1.12	6.00	13.00	5.00	71.00	810.00	1.00	30.00	5.00	2.00	243.00
TL13300	84.0	85.5	1327029	0.50	73.00	375.00	59.00	1.04	5.00	13.00	5.00	67.00	739.00	1.00	28.00	5.00	2.00	340.00
TL13300	85.5	87.0	1327031	0.50	108.00	365.00	130.00	1.17	6.00	11.00	5.00	75.00	672.00	1.00	28.00	5.00	2.00	233.00
TL13300	87.0	88.5	1327032	0.50	85.00	301.00	129.00	1.39	2.50	14.00	5.00	63.00	768.00	1.00	30.00	13.00	1.00	965.00
TL13300	88.5	90.0	1327033	0.50	125.00	240.00	14645.0	2.10	1319.0	18.00	5.00	50.00	634.00	1.00	43.00	10.00	2.00	372.00
TL13300	90.0	91.5	1327034	0.50	85.00	312.00	143.00	1.49	11.00	7.00	5.00	52.00	772.00	1.00	38.00	5.00	2.00	458.00
TL13300	91.5	92.5	1327035	0.50	77.00	247.00	1118.00	2.54	57.00	15.00	5.00	47.00	712.00	1.00	26.00	55.00	1.00	4643.00
TL13300	92.5	93.5	1327036	0.50	83.00	315.00	109.00	1.63	11.00	2.50	5.00	50.00	880.00	1.00	27.00	17.00	1.00	967.00
TL13300	93.5	94.5	1327037	0.50	102.00	398.00	64.00	1.97	2.50	10.00	5.00	68.00	1103.00	1.00	31.00	17.00	2.00	842.00
TL13300	94.5	96.0	1327038	0.50	82.00	476.00	44.00	1.03	2.50	13.00	5.00	106.00	1321.00	1.00	33.00	10.00	3.00	81.00
TL13300	96.0	97.5	1327039	0.50	48.00	426.00	31.00	1.05	2.50	8.00	5.00	110.00	1230.00	1.00	28.00	5.00	3.00	195.00
TL13300	97.5	99.0	1327041	0.50	66.00	395.00	124.00	1.60	10.00	2.50	12.00	81.00	1391.00	1.00	31.00	30.00	2.00	2024.00
TL13300	99.0	100.5	1327042	0.50	58.00	436.00	239.00	0.99	9.00	12.00	5.00	94.00	1282.00	1.00	29.00	5.00	2.00	215.00
TL13300	100.5	101.5	1327043	0.50	58.00	430.00	60.00	0.89	2.50	13.00	5.00	76.00	1259.00	1.00	28.00	5.00	3.00	172.00
TL13300	101.5	102.8	1327044	0.50	87.00	335.00	188.00	1.28	8.00	6.00	5.00	61.00	1257.00	1.00	28.00	27.00	2.00	1735.00
TL13300	102.8	104.3	1327045	0.50	60.00	418.00	20.00	0.89	2.50	11.00	5.00	94.00	1308.00	1.00	27.00	13.00	3.00	465.00
TL13300	102.8	104.3	1327046	0.50	98.00	432.00	30.00	0.86	7.00	5.00	5.00	96.00	1351.00	1.00	31.00	5.00	3.00	203.00
TL13300	104.3	105.8	1327047	0.50	40.00	432.00	26.00	0.83	5.00	12.00	5.00	100.00	1340.00	1.00	28.00	5.00	2.00	75.00
TL13300	105.8	107.3	1327048	0.50	64.00	430.00	20.00	1.41	2.50	13.00	5.00	113.00	1633.00	1.00	46.00	5.00	7.00	77.00
TL13300	107.3	108.8	1327049	0.50	41.00	457.00	24.00	0.58	7.00	16.00	5.00	119.00	1369.00	1.00	28.00	5.00	3.00	67.00
TL13300	108.8	110.3	1327051	0.50	46.00	472.00	22.00	0.60	2.50	8.00	5.00	121.00	1392.00	1.00	30.00	5.00	3.00	86.00
TL13300	110.3	111.3	1327052	0.50	71.00	445.00	19.00	0.57	2.50	9.00	5.00	108.00	1368.00	1.00	31.00	5.00	3.00	57.00
TL13300	111.3	112.3	1327053	0.50	46.00	312.00	111.00	2.00	2.50	12.00	5.00	46.00	1122.00	1.00	28.00	74.00	2.00	8318.00
TL13300	112.3	113.8	1327054	0.50	85.00	441.00	20.00	0.91	10.00	2.50	5.00	109.00	1361.00	1.00	29.00	5.00	3.00	69.00
TL13300	113.8	115.3	1327055	0.50	81.00	453.00	13.00	0.67	2.50	10.00	5.00	107.00	1354.00	1.00	29.00	11.00	3.00	649.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13300	13.1	82.6	69.4	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13300	13.1	82.6	69.4	PY	ST	0.1	Trace to 1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13300	76.5	82.6	6.1	PB	BLB	0.1	Trace gal blebs found associated w/ sph mineralization
TL13300	76.5	82.6	6.1	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13300	82.6	102.8	20.3	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-veins
TL13300	82.6	102.8	20.3	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13300	82.6	102.8	20.3	PY	ST	3	3% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13300	82.6	102.8	20.3	SPH	ST	2	2% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13300	82.6	102.8	20.3	PY	DISS	1	1% disseminated py throughout the interval
TL13300	102.8	147.0	44.2	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13300	102.8	147.0	44.2	PY	ST	1	1% py in 1-12mm wide stringers oriented semi-parallel to foliation
TL13300	102.8	147.0	44.2	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13300	111.3	112.0	0.7	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13300	111.3	147.0	35.7	SPH	ST	0.1	Trace sph in 1-12mm wide stringers oriented semi-parallel to foliation, stringers very spaced out

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13300	13.1	43.5	30.3	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13300	13.1	82.6	69.4	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL13300	13.1	82.6	69.4	FR	Very Weak	35	V. weak shallow fracture set cross cutting foliation at 35 deg TCA
TL13300	43.5	48.0	4.6	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13300	48.0	82.6	34.6	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13300	82.6	87.0	4.5	FOL	Very Strong	55	V. strong foliation at 55 deg TCA
TL13300	82.6	102.8	20.3	FR	Very Weak	35	V. weak fracture set along foliation at 35 deg TCA
TL13300	87.0	102.8	15.8	FOL	Very Strong	60	V. strong foliation at 60 deg TCA
TL13300	87.8	88.1	0.3	FTZ	Very Weak	60	V. weak fault zone oriented at 60 deg TCA infilled w/ gouge
TL13300	102.8	109.4	6.6	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13300	102.8	147.0	44.2	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA infilled w/ qtz
TL13300	102.8	147.0	44.2	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13300	109.4	112.8	3.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13300	112.8	115.3	2.5	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13300	115.3	147.0	31.7	FOL	Moderate	60	Moderate foliation at 60 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13300	13.1	42.0	28.9	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13300	13.1	82.6	69.4	SI	Patchy	Strong	Strong but very patchy silicification
TL13300	42.0	73.4	31.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13300	56.0	57.5	1.5	CH	Patchy	Strong	Strong patchy chl alt restricted to bands throughout this interval
TL13300	73.4	82.6	9.2	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio, ser patches up to 2m in width
TL13300	82.6	87.9	5.4	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13300	82.6	96.8	14.3	SI	Patchy	Moderate	Moderate patchy sil alt
TL13300	82.6	101.2	18.7	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13300	82.6	102.8	20.3	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13300	101.2	102.8	1.6	SI	Patchy	Strong	Strong patchy sil alt
TL13300	102.8	111.3	8.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13300	102.8	147.0	44.2	SI	Patchy	Strong	Strong patchy sil alt throughout the interval
TL13300	111.3	114.0	2.7	SR	Patchy	Very Strong	V. strong patch of ser alt, 80% ser to 20% bio
TL13300	114.0	147.0	33.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13300	15	18	3	3	2.91	100	97	3	
TL13300	18	21	3	2.92	2.53	97.33	84.33	9	
TL13300	21	24	3	3.02	3.02	100.67	100.67	3	
TL13300	24	27	3	2.95	2.84	98.33	94.67	7	
TL13300	27	30	3	3.02	2.74	100.67	91.33	6	
TL13300	30	33	3	3	2.96	100	98.67	11	
TL13300	33	36	3	3.01	2.85	100.33	95	6	
TL13300	36	39	3	2.96	2.48	98.67	82.67	7	
TL13300	39	42	3	3	2.89	100	96.33	7	
TL13300	42	45	3	3.01	2.96	100.33	98.67	7	
TL13300	45	48	3	2.96	2.74	98.67	91.33	10	
TL13300	48	51	3	2.98	2.83	99.33	94.33	7	
TL13300	51	54	3	2.97	2.9	99	96.67	9	
TL13300	54	57	3	2.99	2.99	99.67	99.67	5	
TL13300	57	60	3	3.01	2.79	100.33	93	2	
TL13300	60	63	3	2.97	2.89	99	96.33	5	
TL13300	63	66	3	2.89	2.69	96.33	89.67	9	
TL13300	66	69	3	3.02	2.75	100.67	91.67	10	
TL13300	69	72	3	2.97	2.7	99	90	7	
TL13300	72	75	3	3.02	2.98	100.67	99.33	8	
TL13300	75	78	3	2.95	2.87	98.33	95.67	5	
TL13300	78	81	3	2.92	2.38	97.33	79.33	14	
TL13300	81	84	3	3.03	2.07	101	69	15	
TL13300	84	87	3	2.98	1.85	99.33	61.67	28	
TL13300	87	90	3	2.93	1.35	97.67	45	35	
TL13300	90	93	3	3.01	1.86	100.33	62	27	
TL13300	93	96	3	3	2.32	100	77.33	23	
TL13300	96	99	3	2.87	2.24	95.67	74.67	20	
TL13300	99	102	3	3.03	2.44	101	81.33	20	
TL13300	102	105	3	2.95	2.95	98.33	98.33	10	
TL13300	105	108	3	2.97	2.64	99	88	13	
TL13300	108	111	3	3.04	2.89	101.33	96.33	8	
TL13300	111	114	3	3	2.76	100	92	10	
TL13300	114	117	3	2.98	2.9	99.33	96.67	6	
TL13300	117	120	3	2.95	2.84	98.33	94.67	8	
TL13300	120	123	3	2.95	2.8	98.33	93.33	6	
TL13300	123	126	3	2.96	2.67	98.67	89	14	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13300	126	129	3	2.97	2.58	99	86	10	
TL13300	129	132	3	2.99	2.9	99.67	96.67	7	
TL13300	132	135	3	2.95	2.87	98.33	95.67	6	
TL13300	135	138	3	2.97	2.75	99	91.67	9	
TL13300	138	141	3	3	2.64	100	88	8	
TL13300	141	144	3	2.96	2.83	98.67	94.33	8	
TL13300	144	147	3	3.01	2.93	100.33	97.67	5	

Hole Number: TL13301

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512104.31	North:	Collar Az: 0.00
Location: Zealand Township	East: 528301.42	East:	Length: 180.00
	Elev: 395.56	Elev:	Start Depth: 0.00
Date Started: Jan 16, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 17, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 180.00

Comments: Logged by Brian Wolfe

Patent #0134 (34461 Betker Option)

MSS C-Zone from 49.45m-72.37m

This C-Zone MSS has very strong patchy to semi-pervasive sericitic alteration and moderate patchy silicification. This unit is well mineralized with 4% pyrite in stringers, 2% disseminated pyrite, 2% sphalerite stringers, trace galena blebs and trace chalcopyrite blebs. smokey grey qtz veins contain abundant mineralization in this unit.

165.35-180m

Oz porphyritic greywacke or MSED with patches of strong MSS within.

Strong patches contain increased mineralization.

Best interval from 171-171.3 where there is ~7cm of condensed stockwork, stringers and blebs with

3-4% sph, gn, and cpy

Pulled 97-111m for infill sampling program, April 2015

BMS with elevated mineralization. Py/po blebs and stringers throughout. Trace sph stringers and gn blebs.

2 VG blebs qz minerlized stringer at 105.68-105.70m

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0	-45.00	EZ Sho	OK		18.00	0.10	-44.40	EZ Sho	OK	
50.00	0	-43.20	EZ Sho	OK		102.00	357.10	-41.90	EZ Sho	OK	
150.00	355.30	-40.30	EZ Sho	OK		180.00	356.10	-39.80	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	12.50	OB, Overburden									
12.50	21.20	BMS, Biotite Muscovite Schist This BMS unit has moderate patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with trace to 1% disseminated pyrite, trace pyrite in stringers, and trace pyrite blebs.	1327203	19.70	21.20	1.50	0.01				
21.20	27.84	MSS, Muscovite Sericite Schist MSS Hanging Wall? 21.20m-27.84m This MSS unit has very strong patchy to semi-pervasive sericitic alteration, strong pervasive silicification. This unit is very poorly mineralized with trace disseminated pyrite and trace pyrrhotite blebs.	1327204	21.20	22.70	1.50	0.01				
			1327205	22.70	24.20	1.50	0.00				
			1327206	22.70	24.20	1.50	0.00				
			1327207	24.20	25.20	1.00	0.01				
			1327208	25.20	26.70	1.50	0.01				
			1327209	26.70	27.80	1.10	0.00				
			1327211	27.80	29.30	1.50	0.00				

DETAILED LOG

Hole Number: TL13301

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
27.84	49.45	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite, trace pyrite in stringers and trace sphalerite in stringers near the lower MSS contact.	1327212	48.00	49.50	1.50	0.10				
49.45	72.37	MSS, Muscovite Sericite Schist MSS C-Zone from 49.45m-72.37m This C-Zone MSS has very strong patchy to semi-pervasive sericitic alteration and moderate patchy silicification. This unit is well mineralized with 4% pyrite in stringers, 2% disseminated pyrite, 2% sphalerite stringers, trace galena blebs and trace chalcopyrite blebs. smokey grey qtz veins contain abundant mineralization in this unit.	1327213	49.50	51.00	1.50	0.13				
			1327214	51.00	52.40	1.40	0.32				
			1327215	52.40	53.40	1.00	0.39				
			1327216	53.40	54.40	1.00	0.07				
			1327217	54.40	55.90	1.50	0.84				
			1327218	55.90	57.35	1.45	0.05				
			1327219	57.35	58.35	1.00	0.24				
			1327221	58.35	59.35	1.00	1.29				
			1327222	59.35	60.35	1.00	0.30				
			1327223	60.35	61.85	1.50	0.15				
			1327224	61.85	63.35	1.50	0.18				
			1327225	63.35	64.85	1.50	0.20				
			1327226	63.35	64.85	1.50	0.18				
			1327227	64.85	66.35	1.50	0.17				
			1327228	66.35	67.85	1.50	0.17				
			1327229	67.85	69.35	1.50	0.23				
			1327231	69.35	70.85	1.50	0.54				
			1327232	70.85	72.35	1.50	0.14				
			1327233	72.35	73.85	1.50	0.03				

DETAILED LOG

Hole Number: TL13301

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
72.37	126.42	BMS, Biotite Muscovite Schist This BMS unit has weak to strong patchy silicification and very weak to weak patchy sericitic alteration. This unit contains about 1% disseminated pyrite, 1% pyrrhotite in stringers, 2% pyrite in stringers 2% sphalerite stringers (between 79-81m), trace galena blebs, trace chalcopyrite blebs, and trace pyrrhotite blebs.	1327234	73.85	75.35	1.50	0.02				
			1327235	75.35	76.85	1.50	0.01				
			1327236	76.85	78.35	1.50	0.02				
			1327237	78.35	79.35	1.00	0.05				
			1327238	79.35	80.35	1.00	0.69				
			1327239	80.35	81.85	1.50	0.06				
			303565	95.00	96.00	1.00		0.31			
			303566	95.00	96.00	1.00		0.41			
			303567	96.00	97.00	1.00		0.08			
			303568	97.00	98.00	1.00		0.06			
			303569	98.00	99.00	1.00		0.07			
			303571	99.00	100.00	1.00		0.03			
			303572	100.00	101.00	1.00		0.01			
			303573	101.00	102.00	1.00		0.01			
			303574	102.00	103.00	1.00		0.01			
			303575	103.00	104.00	1.00		0.01			
			303576	104.00	105.00	1.00		0.05			
			303577	105.00	106.00	1.00		7.15			
			303578	106.00	107.00	1.00		0.08			
			303579	107.00	108.00	1.00		0.10			
			303581	108.00	109.00	1.00		0.16			
			1327241	109.00	110.50	1.50	0.13				
			1327242	110.50	111.50	1.00	0.62				
			1327243	111.50	113.00	1.50	0.04				
			1327244	113.00	114.50	1.50	0.04				
			1327245	114.50	116.00	1.50	0.03				
			1327246	114.50	116.00	1.50	0.03				
			1327247	116.00	117.50	1.50	0.15				
			1327248	117.50	119.00	1.50	0.15				
			1327249	119.00	120.50	1.50	0.06				
			1327301	120.50	122.00	1.50	0.07				
126.42	156.08	BS, Biotite Schist Dark BS with very weak sr/musc patches. Poorly mineralized with minor py and po blebs associated with qz-amph-chl bands and trace sph stringers within patches of sr.	1327302	154.58	156.08	1.50	0.12				

Hole Number: TL13301

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
156.08	165.35	BMS, Biotite Muscovite Schist Moderately altered BMS zone, Has abundant F2 folding throughout. Abundant py mineralization of 4-5% with an increase to 10% from 160.85-162. Within this interval there is also 3-4% sph, 1-2% cpy, and 1% gn	1327303	156.08	157.50	1.42	0.20				
			1327304	157.50	159.00	1.50	0.25				
			1327305	159.00	160.00	1.00	0.22				
			1327306	160.00	160.80	0.80	1.06				
			1327307	160.80	162.00	1.20	1.69				
			1327308	162.00	163.00	1.00	0.21				
			1327309	163.00	164.00	1.00	0.40				
			1327310	164.00	165.35	1.35	0.08				
165.35	180.00	MSED, Metasediment Qz porphyritic greywacke or MSED with patches of strong MSS within. Strong patches contain increased mineralization. Best interval from 171-171.3 where there is ~7cm of condensed stockwork, stringers and blebs with 3-4% sph, gn, and cpy	1327311	165.35	166.50	1.15	0.02				
			1327312	166.50	168.00	1.50	0.01				
			1327313	168.00	169.50	1.50	0.08				
			1327314	169.50	170.70	1.20	0.03				
			1327315	170.70	171.70	1.00	0.78				
			1327316	171.70	172.70	1.00	0.02				
			1327317	172.70	174.00	1.30	0.02				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327203	19.70	21.20	0.0110				
1327204	21.20	22.70	0.0060				
1327205	22.70	24.20	0.0040				
1327207	24.20	25.20	0.0070				
1327208	25.20	26.70	0.0060				
1327209	26.70	27.80	0.0020				
1327211	27.80	29.30	0.0005				
1327212	48.00	49.50	0.0980				
1327213	49.50	51.00	0.1290				
1327214	51.00	52.40	0.3210				
1327215	52.40	53.40	0.3900				
1327216	53.40	54.40	0.0720				
1327217	54.40	55.90	0.8390				
1327218	55.90	57.35	0.0490				
1327219	57.35	58.35	0.2410				
1327221	58.35	59.35	1.2930				
1327222	59.35	60.35	0.2990				
1327223	60.35	61.85	0.1520				
1327224	61.85	63.35	0.1820				
1327225	63.35	64.85	0.2010				
1327227	64.85	66.35	0.1650				
1327228	66.35	67.85	0.1720				

Hole Number: TL13301

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327229	67.85	69.35	0.2330				
1327231	69.35	70.85	0.5440				
1327232	70.85	72.35	0.1430				
1327233	72.35	73.85	0.0270				
1327234	73.85	75.35	0.0150				
1327235	75.35	76.85	0.0060				
1327236	76.85	78.35	0.0180				
1327237	78.35	79.35	0.0500				
1327238	79.35	80.35	0.6900				
1327239	80.35	81.85	0.0640				
303565	95.00	96.00		0.3130			
303567	96.00	97.00		0.0800			
303568	97.00	98.00		0.0630			
303569	98.00	99.00		0.0710			
303571	99.00	100.00		0.0320			
303572	100.00	101.00		0.0100			
303573	101.00	102.00		0.0090			
303574	102.00	103.00		0.0080			
303575	103.00	104.00		0.0080			
303576	104.00	105.00		0.0470			
303577	105.00	106.00		7.1510			
303578	106.00	107.00		0.0830			
303579	107.00	108.00		0.0990			
303581	108.00	109.00		0.1620			
1327241	109.00	110.50	0.1280				
1327242	110.50	111.50	0.6150				
1327243	111.50	113.00	0.0390				
1327244	113.00	114.50	0.0370				
1327245	114.50	116.00	0.0280				
1327247	116.00	117.50	0.1470				
1327248	117.50	119.00	0.1460				
1327249	119.00	120.50	0.0620				
1327301	120.50	122.00	0.0720				
1327302	154.58	156.08	0.1210				
1327303	156.08	157.50	0.2010				
1327304	157.50	159.00	0.2530				
1327305	159.00	160.00	0.2220				
1327306	160.00	160.80	1.0570				
1327307	160.80	162.00	1.6900				

Hole Number: TL13301

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327308	162.00	163.00	0.2050				
1327309	163.00	164.00	0.3950				
1327310	164.00	165.35	0.0800				
1327311	165.35	166.50	0.0210				
1327312	166.50	168.00	0.0110				
1327313	168.00	169.50	0.0790				
1327314	169.50	170.70	0.0250				
1327315	170.70	171.70	0.7790				
1327316	171.70	172.70	0.0170				
1327317	172.70	174.00	0.0160				
Sample Type	CDUP						
1327206	22.70	24.20	0.0040				
1327226	63.35	64.85	0.1830				
303566	95.00	96.00		0.4100			
1327246	114.50	116.00	0.0260				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13301	19.7	21.2	1327203	1.00	8.60	19.00	744.00	2.00	14.00	2.22	4.00	9.00	29.00	21.00	2.00	0.23	30.00	1.17	493.00
TL13301	21.2	22.7	1327204	1.00	6.96	23.00	657.00	1.00	15.00	1.86	2.00	12.00	26.00	10.00	1.98	0.11	39.00	1.07	552.00
TL13301	22.7	24.2	1327206	0.50	6.12	22.00	613.00	2.00	15.00	1.11	2.00	13.00	24.00	2.00	1.89	0.30	22.00	0.46	238.00
TL13301	22.7	24.2	1327205	0.50	6.32	28.00	641.00	2.00	19.00	1.37	2.00	15.00	24.00	3.00	1.93	0.16	22.00	0.44	248.00
TL13301	24.2	25.2	1327207	0.50	6.85	29.00	762.00	3.00	13.00	3.72	2.00	10.00	34.00	4.00	2.25	0.30	40.00	1.70	842.00
TL13301	25.2	26.7	1327208	1.00	4.42	22.00	374.00	2.00	27.00	3.26	2.00	7.00	28.00	6.00	2.32	0.19	16.00	1.45	783.00
TL13301	26.7	27.8	1327209	1.00	6.13	24.00	638.00	1.00	14.00	1.63	2.00	8.00	23.00	3.00	2.10	0.50	29.00	0.72	337.00
TL13301	27.8	29.3	1327211	2.00	5.06	17.00	495.00	1.00	20.00	2.01	2.00	7.00	21.00	15.00	1.99	0.25	19.00	0.89	554.00
TL13301	48.0	49.5	1327212	0.50	4.95	21.00	312.00	2.00	11.00	2.06	2.00	7.00	35.00	7.00	1.77	0.48	9.00	0.98	485.00
TL13301	49.5	51.0	1327213	0.50	4.62	39.00	397.00	2.00	16.00	1.19	2.00	7.00	51.00	14.00	2.28	0.15	6.00	0.43	259.00
TL13301	51.0	52.4	1327214	3.00	6.80	63.00	617.00	2.00	24.00	1.17	2.00	7.00	51.00	33.00	1.82	0.13	9.00	0.43	197.00
TL13301	52.4	53.4	1327215	1.00	5.11	40.00	525.00	2.00	16.00	0.51	2.00	5.00	38.00	17.00	1.34	0.16	4.00	0.09	50.00
TL13301	53.4	54.4	1327216	0.50	6.13	39.00	617.00	2.00	24.00	0.66	2.00	6.00	40.00	16.00	1.13	0.17	9.00	0.30	50.00
TL13301	54.4	55.9	1327217	5.00	5.69	72.00	596.00	3.00	22.00	0.56	2.00	7.00	60.00	61.00	1.20	0.15	5.00	0.12	50.00
TL13301	55.9	57.4	1327218	0.50	5.80	58.00	644.00	3.00	20.00	0.55	2.00	8.00	40.00	14.00	1.14	0.10	6.00	0.27	50.00
TL13301	57.4	58.4	1327219	1.00	4.56	84.00	529.00	1.00	18.00	0.40	6.00	5.00	43.00	16.00	1.59	0.40	2.00	0.10	50.00
TL13301	58.4	59.4	1327221	9.00	3.66	265.00	194.00	1.00	14.00	0.01	40.00	7.00	48.00	291.00	5.14	0.25	3.00	0.19	108.00
TL13301	59.4	60.4	1327222	6.00	5.96	235.00	331.00	2.00	16.00	0.10	23.00	13.00	77.00	117.00	3.32	0.27	10.00	0.46	109.00
TL13301	60.4	61.9	1327223	0.50	5.55	94.00	339.00	3.00	14.00	0.05	6.00	8.00	48.00	41.00	2.46	0.32	8.00	0.36	50.00
TL13301	61.9	63.4	1327224	1.00	2.81	75.00	219.00	2.00	17.00	0.01	4.00	6.00	48.00	35.00	1.65	0.22	0.50	0.21	50.00
TL13301	63.4	64.9	1327225	0.50	4.89	56.00	332.00	2.00	27.00	0.34	2.00	6.00	28.00	17.00	1.33	0.46	6.00	0.40	149.00
TL13301	63.4	64.9	1327226	0.50	5.78	55.00	389.00	2.00	19.00	0.37	2.00	7.00	32.00	13.00	1.49	0.36	8.00	0.42	153.00
TL13301	64.9	66.4	1327227	0.50	5.88	60.00	363.00	3.00	23.00	0.63	5.00	7.00	29.00	72.00	1.53	0.17	10.00	0.62	299.00
TL13301	66.4	67.9	1327228	0.50	5.99	77.00	305.00	2.00	16.00	1.22	2.00	8.00	23.00	25.00	1.70	0.17	13.00	0.85	483.00
TL13301	67.9	69.4	1327229	2.00	6.43	64.00	387.00	2.00	14.00	0.94	2.00	7.00	27.00	36.00	1.60	0.23	13.00	0.73	376.00
TL13301	69.4	70.9	1327231	2.00	4.72	64.00	347.00	2.00	16.00	0.43	4.00	7.00	35.00	77.00	2.00	0.13	7.00	0.42	210.00
TL13301	70.9	72.4	1327232	0.50	6.63	43.00	352.00	3.00	27.00	1.60	2.00	5.00	34.00	26.00	1.65	0.13	16.00	0.96	581.00
TL13301	72.4	73.9	1327233	0.50	6.63	13.00	408.00	2.00	23.00	2.55	2.00	7.00	39.00	55.00	2.10	0.24	16.00	1.82	885.00
TL13301	73.9	75.4	1327234	0.50	6.48	16.00	404.00	2.00	24.00	2.00	2.00	7.00	39.00	18.00	1.82	0.21	17.00	1.76	816.00
TL13301	75.4	76.9	1327235	0.50	7.16	13.00	516.00	3.00	24.00	2.59	2.00	7.00	33.00	37.00	1.89	0.33	16.00	1.56	669.00
TL13301	76.9	78.4	1327236	0.50	8.25	19.00	542.00	3.00	13.00	2.47	2.00	7.00	42.00	5.00	1.85	0.16	20.00	1.40	511.00
TL13301	78.4	79.4	1327237	0.50	6.27	37.00	326.00	3.00	14.00	1.94	2.00	8.00	35.00	6.00	1.94	0.07	16.00	1.15	601.00
TL13301	79.4	80.4	1327238	8.00	6.39	64.00	467.00	1.00	18.00	0.70	23.00	7.00	36.00	103.00	2.70	0.16	16.00	0.63	248.00
TL13301	80.4	81.9	1327239	0.50	7.13	29.00	498.00	3.00	37.00	1.86	2.00	6.00	34.00	26.00	1.88	0.07	19.00	1.11	456.00
TL13301	95.0	96.0	303565	0.50	3.02	37.00	415.00	2.00	5.00	1.60	9.00	23.00	121.00	33.00	3.82	0.65	16.00	1.27	632.00
TL13301	95.0	96.0	303566	0.50	2.94	54.00	394.00	2.00	3.00	1.59	10.00	23.00	150.00	33.00	3.81	0.17	14.00	1.32	623.00
TL13301	96.0	97.0	303567	0.50	5.29	14.00	360.00	3.00	3.00	1.91	5.00	27.00	150.00	48.00	4.60	0.39	27.00	1.66	646.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13301	19.7	21.2	1327203	16.00	41.00	938.00	28.00	1.06	2.50	11.00	5.00	409.00	1467.00	1.00	43.00	28.00	6.00	671.00
TL13301	21.2	22.7	1327204	13.00	38.00	969.00	25.00	1.23	2.50	14.00	5.00	271.00	1662.00	1.00	37.00	14.00	6.00	246.00
TL13301	22.7	24.2	1327206	10.00	45.00	937.00	26.00	1.85	2.50	19.00	5.00	219.00	1468.00	1.00	36.00	5.00	5.00	96.00
TL13301	22.7	24.2	1327205	14.00	41.00	877.00	30.00	2.01	2.50	23.00	5.00	186.00	1400.00	1.00	34.00	14.00	5.00	158.00
TL13301	24.2	25.2	1327207	18.00	57.00	873.00	34.00	1.27	2.50	11.00	5.00	289.00	2049.00	1.00	41.00	14.00	5.00	72.00
TL13301	25.2	26.7	1327208	7.00	42.00	933.00	77.00	1.69	2.50	12.00	5.00	221.00	1657.00	1.00	31.00	5.00	5.00	134.00
TL13301	26.7	27.8	1327209	5.00	39.00	864.00	26.00	1.82	5.00	15.00	5.00	232.00	1701.00	1.00	35.00	10.00	5.00	37.00
TL13301	27.8	29.3	1327211	5.00	30.00	775.00	20.00	1.23	2.50	15.00	5.00	182.00	1570.00	1.00	33.00	13.00	5.00	55.00
TL13301	48.0	49.5	1327212	6.00	56.00	892.00	55.00	1.06	2.50	12.00	5.00	158.00	886.00	1.00	26.00	16.00	5.00	166.00
TL13301	49.5	51.0	1327213	11.00	86.00	649.00	46.00	2.08	2.50	9.00	5.00	86.00	827.00	1.00	28.00	14.00	5.00	75.00
TL13301	51.0	52.4	1327214	11.00	78.00	744.00	147.00	1.64	5.00	14.00	5.00	111.00	909.00	1.00	35.00	16.00	5.00	185.00
TL13301	52.4	53.4	1327215	8.00	56.00	560.00	104.00	1.32	2.50	17.00	5.00	82.00	756.00	1.00	28.00	20.00	3.00	151.00
TL13301	53.4	54.4	1327216	8.00	62.00	655.00	72.00	0.94	2.50	23.00	5.00	87.00	841.00	1.00	31.00	11.00	4.00	73.00
TL13301	54.4	55.9	1327217	12.00	86.00	754.00	205.00	1.07	9.00	14.00	5.00	83.00	795.00	1.00	34.00	26.00	4.00	600.00
TL13301	55.9	57.4	1327218	6.00	49.00	676.00	71.00	1.03	2.50	13.00	5.00	81.00	819.00	1.00	34.00	13.00	4.00	102.00
TL13301	57.4	58.4	1327219	9.00	66.00	519.00	169.00	1.70	2.50	12.00	5.00	65.00	664.00	1.00	27.00	50.00	3.00	1807.00
TL13301	58.4	59.4	1327221	9.00	71.00	449.00	841.00	6.34	38.00	13.00	5.00	49.00	535.00	1.00	25.00	272.00	4.00	14812.00
TL13301	59.4	60.4	1327222	7.00	84.00	771.00	1445.00	3.69	9.00	15.00	5.00	63.00	860.00	1.00	48.00	128.00	7.00	4059.00
TL13301	60.4	61.9	1327223	9.00	78.00	1050.00	161.00	2.53	6.00	9.00	5.00	60.00	931.00	1.00	33.00	49.00	6.00	1399.00
TL13301	61.9	63.4	1327224	12.00	84.00	832.00	197.00	1.54	2.50	9.00	5.00	41.00	655.00	1.00	25.00	29.00	4.00	909.00
TL13301	63.4	64.9	1327225	4.00	44.00	865.00	38.00	1.19	5.00	14.00	5.00	69.00	1151.00	1.00	27.00	18.00	6.00	133.00
TL13301	63.4	64.9	1327226	6.00	54.00	875.00	49.00	1.36	2.50	16.00	5.00	74.00	1304.00	1.00	31.00	17.00	6.00	118.00
TL13301	64.9	66.4	1327227	5.00	45.00	817.00	54.00	1.38	2.50	14.00	5.00	84.00	1395.00	1.00	32.00	38.00	7.00	1377.00
TL13301	66.4	67.9	1327228	4.00	38.00	908.00	64.00	1.31	2.50	12.00	5.00	100.00	1399.00	1.00	30.00	35.00	7.00	935.00
TL13301	67.9	69.4	1327229	5.00	43.00	714.00	84.00	1.30	2.50	17.00	5.00	103.00	1531.00	1.00	33.00	16.00	7.00	120.00
TL13301	69.4	70.9	1327231	7.00	61.00	679.00	107.00	1.95	2.50	14.00	5.00	68.00	1263.00	1.00	28.00	36.00	6.00	1012.00
TL13301	70.9	72.4	1327232	6.00	55.00	934.00	42.00	0.99	2.50	21.00	5.00	108.00	1402.00	1.00	31.00	16.00	7.00	218.00
TL13301	72.4	73.9	1327233	7.00	66.00	989.00	35.00	0.69	2.50	10.00	5.00	143.00	1400.00	1.00	32.00	12.00	7.00	97.00
TL13301	73.9	75.4	1327234	5.00	53.00	1017.00	31.00	0.53	2.50	22.00	5.00	111.00	1533.00	1.00	34.00	5.00	8.00	88.00
TL13301	75.4	76.9	1327235	5.00	55.00	863.00	30.00	0.54	2.50	16.00	5.00	131.00	1653.00	1.00	32.00	22.00	7.00	265.00
TL13301	76.9	78.4	1327236	7.00	69.00	955.00	33.00	0.62	2.50	23.00	5.00	146.00	1558.00	1.00	34.00	14.00	8.00	59.00
TL13301	78.4	79.4	1327237	6.00	58.00	890.00	32.00	1.05	5.00	19.00	5.00	132.00	1365.00	1.00	31.00	17.00	7.00	94.00
TL13301	79.4	80.4	1327238	12.00	61.00	837.00	1546.00	3.01	5.00	22.00	5.00	97.00	1492.00	1.00	35.00	158.00	7.00	7250.00
TL13301	80.4	81.9	1327239	6.00	53.00	852.00	55.00	1.31	2.50	16.00	5.00	138.00	1428.00	1.00	31.00	25.00	8.00	459.00
TL13301	95.0	96.0	303565	0.50	55.00	508.00	12.00	0.39	2.50	2.50	5.00	105.00	2331.00	2.00	91.00	27.00	9.00	1547.00
TL13301	95.0	96.0	303566	3.00	54.00	490.00	18.00	0.42	2.50	2.50	5.00	100.00	2252.00	5.00	89.00	33.00	10.00	2076.00
TL13301	96.0	97.0	303567	3.00	70.00	561.00	11.00	0.16	2.50	2.50	5.00	142.00	2857.00	1.00	116.00	5.00	10.00	122.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13301	97.0	98.0	303568	0.50	4.69	23.00	410.00	3.00	2.00	2.19	5.00	35.00	133.00	43.00	4.48	0.43	19.00	1.49	713.00
TL13301	98.0	99.0	303569	0.50	5.13	13.00	519.00	3.00	2.00	1.75	4.00	31.00	158.00	78.00	4.50	0.61	27.00	1.43	621.00
TL13301	99.0	100.0	303571	0.50	3.99	12.00	418.00	2.00	5.00	2.14	2.00	16.00	65.00	36.00	2.71	0.30	17.00	1.13	444.00
TL13301	100.0	101.0	303572	0.50	5.00	18.00	491.00	2.00	5.00	2.68	2.00	11.00	18.00	7.00	1.96	0.20	14.00	0.99	342.00
TL13301	101.0	102.0	303573	0.50	4.64	17.00	580.00	2.00	2.00	2.62	2.00	10.00	15.00	10.00	1.83	0.15	14.00	0.98	335.00
TL13301	102.0	103.0	303574	0.50	4.32	12.00	649.00	2.00	3.00	2.30	2.00	8.00	15.00	6.00	1.75	0.33	16.00	0.87	311.00
TL13301	103.0	104.0	303575	0.50	4.07	18.00	567.00	2.00	3.00	2.17	2.00	9.00	13.00	7.00	1.68	0.01	15.00	0.89	348.00
TL13301	104.0	105.0	303576	0.50	4.34	32.00	682.00	2.00	5.00	2.81	2.00	11.00	18.00	11.00	2.02	0.37	15.00	1.12	512.00
TL13301	105.0	106.0	303577	0.50	5.03	29.00	717.00	2.00	3.00	2.72	2.00	10.00	17.00	12.00	1.99	0.04	15.00	1.14	546.00
TL13301	106.0	107.0	303578	0.50	5.86	37.00	721.00	2.00	6.00	2.54	2.00	10.00	23.00	62.00	2.09	0.01	17.00	1.26	580.00
TL13301	107.0	108.0	303579	0.50	5.21	33.00	680.00	2.00	2.00	2.58	2.00	11.00	24.00	49.00	2.02	0.28	23.00	1.32	595.00
TL13301	108.0	109.0	303581	0.50	5.68	50.00	697.00	2.00	4.00	2.35	2.00	11.00	22.00	98.00	1.96	0.48	20.00	1.13	432.00
TL13301	109.0	110.5	1327241	1.00	6.18	40.00	426.00	2.00	21.00	1.52	2.00	7.00	23.00	29.00	1.58	0.10	20.00	0.98	366.00
TL13301	110.5	111.5	1327242	6.00	4.58	41.00	404.00	1.00	19.00	1.82	18.00	8.00	28.00	77.00	2.05	0.17	14.00	1.11	580.00
TL13301	111.5	113.0	1327243	0.50	7.14	47.00	518.00	3.00	10.00	2.23	2.00	8.00	32.00	7.00	1.91	0.22	23.00	1.24	467.00
TL13301	113.0	114.5	1327244	0.50	3.83	31.00	343.00	1.00	20.00	0.80	2.00	7.00	21.00	11.00	1.65	0.21	16.00	0.88	326.00
TL13301	114.5	116.0	1327246	0.50	5.83	20.00	448.00	1.00	14.00	1.30	2.00	7.00	24.00	6.00	1.68	0.21	22.00	1.04	356.00
TL13301	114.5	116.0	1327245	0.50	6.28	23.00	496.00	2.00	27.00	1.51	2.00	7.00	41.00	7.00	2.12	0.19	25.00	1.24	451.00
TL13301	116.0	117.5	1327247	1.00	5.95	46.00	488.00	2.00	27.00	1.16	2.00	8.00	21.00	48.00	1.75	0.08	23.00	1.14	405.00
TL13301	117.5	119.0	1327248	0.50	6.50	31.00	383.00	2.00	22.00	1.43	4.00	7.00	23.00	31.00	2.02	0.06	23.00	1.28	379.00
TL13301	119.0	120.5	1327249	1.00	6.43	11.00	384.00	2.00	27.00	2.57	4.00	6.00	28.00	178.00	1.86	0.09	21.00	1.75	793.00
TL13301	120.5	122.0	1327301	1.00	8.78	27.00	887.00	2.00	12.00	3.08	2.00	7.00	34.00	78.00	1.86	0.18	29.00	1.22	608.00
TL13301	154.6	156.1	1327302	0.50	7.17	8.00	372.00	3.00	18.00	0.81	2.00	20.00	119.00	90.00	3.83	0.20	27.00	1.45	572.00
TL13301	156.1	157.5	1327303	0.50	7.68	43.00	308.00	2.00	6.00	1.56	2.00	19.00	133.00	82.00	3.41	0.16	27.00	1.27	617.00
TL13301	157.5	159.0	1327304	1.00	8.97	63.00	726.00	2.00	13.00	2.31	2.00	19.00	144.00	61.00	3.27	0.38	32.00	0.93	536.00
TL13301	159.0	160.0	1327305	0.50	8.56	97.00	470.00	2.00	20.00	1.33	2.00	17.00	135.00	47.00	3.15	0.34	29.00	0.96	513.00
TL13301	160.0	160.8	1327306	1.00	8.32	12.00	438.00	3.00	30.00	1.66	2.00	18.00	132.00	59.00	3.72	0.38	33.00	1.45	643.00
TL13301	160.8	162.0	1327307	3.00	8.33	186.00	653.00	2.00	18.00	0.57	19.00	18.00	140.00	427.00	4.31	0.37	29.00	0.57	189.00
TL13301	162.0	163.0	1327308	1.00	9.98	60.00	490.00	2.00	26.00	1.72	2.00	23.00	171.00	123.00	3.67	0.32	41.00	1.13	687.00
TL13301	163.0	164.0	1327309	0.50	9.45	33.00	262.00	3.00	26.00	1.74	2.00	17.00	136.00	86.00	3.09	0.25	40.00	1.17	599.00
TL13301	164.0	165.4	1327310	1.00	10.47	35.00	331.00	3.00	21.00	2.18	16.00	20.00	173.00	115.00	3.65	0.20	44.00	1.28	738.00
TL13301	165.4	166.5	1327311	0.50	9.46	13.00	416.00	3.00	16.00	2.39	2.00	8.00	53.00	20.00	1.60	0.14	33.00	0.94	542.00
TL13301	166.5	168.0	1327312	0.50	11.13	14.00	665.00	2.00	25.00	2.46	2.00	9.00	45.00	19.00	1.82	0.19	42.00	1.09	530.00
TL13301	168.0	169.5	1327313	0.50	2.44	5.00	230.00	3.00	14.00	0.77	2.00	5.00	18.00	18.00	0.91	0.01	7.00	0.55	299.00
TL13301	169.5	170.7	1327314	0.50	3.46	7.00	220.00	1.00	18.00	1.27	2.00	6.00	31.00	11.00	1.15	0.01	6.00	0.64	350.00
TL13301	170.7	171.7	1327315	9.00	1.12	10.00	117.00	1.00	12.00	0.36	12.00	3.00	18.00	175.00	0.85	0.01	1.00	0.34	213.00
TL13301	171.7	172.7	1327316	0.50	3.84	5.00	381.00	1.00	17.00	1.47	2.00	6.00	34.00	8.00	1.23	0.02	8.00	0.75	417.00
TL13301	172.7	174.0	1327317	0.50	2.89	4.00	465.00	1.00	25.00	0.94	2.00	5.00	41.00	27.00	1.33	0.01	9.00	0.68	382.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13301	97.0	98.0	303568	2.00	68.00	537.00	20.00	0.28	2.50	2.50	5.00	138.00	2120.00	1.00	105.00	5.00	10.00	100.00
TL13301	98.0	99.0	303569	2.00	74.00	573.00	21.00	0.19	2.50	2.50	5.00	136.00	3010.00	6.00	130.00	10.00	10.00	168.00
TL13301	99.0	100.0	303571	0.50	31.00	536.00	8.00	0.10	2.50	2.50	5.00	130.00	2284.00	10.00	66.00	5.00	8.00	69.00
TL13301	100.0	101.0	303572	0.50	11.00	555.00	5.00	0.10	2.50	2.50	5.00	155.00	2001.00	6.00	47.00	5.00	6.00	60.00
TL13301	101.0	102.0	303573	0.50	10.00	531.00	8.00	0.11	2.50	7.00	5.00	150.00	1801.00	7.00	44.00	5.00	6.00	55.00
TL13301	102.0	103.0	303574	0.50	9.00	525.00	7.00	0.08	2.50	2.50	5.00	157.00	1873.00	9.00	43.00	5.00	6.00	49.00
TL13301	103.0	104.0	303575	0.50	11.00	497.00	7.00	0.09	2.50	2.50	5.00	175.00	1826.00	5.00	41.00	5.00	5.00	54.00
TL13301	104.0	105.0	303576	0.50	12.00	540.00	14.00	0.22	2.50	2.50	5.00	171.00	1949.00	5.00	44.00	17.00	6.00	463.00
TL13301	105.0	106.0	303577	0.50	11.00	557.00	15.00	0.30	2.50	5.00	5.00	161.00	2132.00	9.00	45.00	5.00	6.00	128.00
TL13301	106.0	107.0	303578	0.50	11.00	548.00	19.00	0.31	2.50	2.50	5.00	153.00	2047.00	3.00	45.00	5.00	7.00	169.00
TL13301	107.0	108.0	303579	0.50	10.00	558.00	16.00	0.30	2.50	2.50	5.00	151.00	2197.00	6.00	46.00	10.00	6.00	138.00
TL13301	108.0	109.0	303581	0.50	10.00	534.00	38.00	0.26	2.50	2.50	10.00	139.00	2076.00	1.00	46.00	10.00	7.00	186.00
TL13301	109.0	110.5	1327241	4.00	36.00	1009.00	109.00	0.56	2.50	19.00	5.00	90.00	1667.00	1.00	34.00	23.00	7.00	258.00
TL13301	110.5	111.5	1327242	9.00	47.00	836.00	458.00	1.42	2.50	12.00	5.00	100.00	1356.00	1.00	28.00	120.00	5.00	4757.00
TL13301	111.5	113.0	1327243	7.00	49.00	1039.00	33.00	0.47	2.50	19.00	5.00	140.00	1734.00	1.00	35.00	13.00	7.00	109.00
TL13301	113.0	114.5	1327244	4.00	34.00	580.00	31.00	0.61	2.50	13.00	5.00	71.00	1453.00	1.00	30.00	13.00	6.00	164.00
TL13301	114.5	116.0	1327246	4.00	40.00	770.00	19.00	0.49	2.50	13.00	5.00	114.00	1619.00	1.00	32.00	11.00	7.00	66.00
TL13301	114.5	116.0	1327245	8.00	71.00	1096.00	20.00	0.59	2.50	14.00	5.00	124.00	1772.00	1.00	37.00	14.00	8.00	88.00
TL13301	116.0	117.5	1327247	9.00	29.00	767.00	57.00	0.58	2.50	15.00	5.00	106.00	1739.00	1.00	35.00	17.00	7.00	285.00
TL13301	117.5	119.0	1327248	4.00	36.00	772.00	40.00	1.35	2.50	14.00	5.00	134.00	1529.00	1.00	31.00	30.00	7.00	795.00
TL13301	119.0	120.5	1327249	4.00	36.00	662.00	47.00	0.79	5.00	20.00	5.00	156.00	1257.00	1.00	29.00	33.00	8.00	1029.00
TL13301	120.5	122.0	1327301	7.00	33.00	984.00	71.00	0.83	2.50	20.00	5.00	163.00	1642.00	1.00	37.00	25.00	6.00	538.00
TL13301	154.6	156.1	1327302	5.00	89.00	896.00	58.00	1.34	2.50	19.00	5.00	98.00	1739.00	1.00	95.00	10.00	9.00	195.00
TL13301	156.1	157.5	1327303	5.00	75.00	1025.00	81.00	1.63	5.00	14.00	5.00	128.00	1997.00	1.00	75.00	11.00	14.00	167.00
TL13301	157.5	159.0	1327304	8.00	73.00	607.00	72.00	1.75	6.00	16.00	5.00	139.00	2457.00	1.00	86.00	20.00	13.00	220.00
TL13301	159.0	160.0	1327305	7.00	80.00	1018.00	118.00	2.26	2.50	13.00	5.00	119.00	2387.00	1.00	84.00	13.00	16.00	307.00
TL13301	160.0	160.8	1327306	4.00	81.00	591.00	74.00	1.07	2.50	13.00	5.00	130.00	2465.00	1.00	80.00	18.00	17.00	165.00
TL13301	160.8	162.0	1327307	8.00	84.00	1035.00	365.00	4.61	2.50	16.00	5.00	96.00	2264.00	1.00	84.00	133.00	13.00	7189.00
TL13301	162.0	163.0	1327308	8.00	101.00	1330.00	118.00	1.87	6.00	31.00	12.00	173.00	2909.00	1.00	103.00	18.00	13.00	203.00
TL13301	163.0	164.0	1327309	8.00	83.00	1068.00	88.00	1.02	2.50	19.00	5.00	156.00	2472.00	1.00	79.00	23.00	13.00	211.00
TL13301	164.0	165.4	1327310	8.00	95.00	745.00	250.00	1.54	2.50	18.00	5.00	184.00	3012.00	1.00	90.00	54.00	14.00	2005.00
TL13301	165.4	166.5	1327311	6.00	60.00	864.00	58.00	0.43	2.50	27.00	5.00	172.00	1767.00	1.00	39.00	14.00	8.00	93.00
TL13301	166.5	168.0	1327312	5.00	55.00	1018.00	55.00	0.62	6.00	18.00	5.00	180.00	1877.00	1.00	39.00	19.00	10.00	441.00
TL13301	168.0	169.5	1327313	6.00	27.00	761.00	32.00	0.26	2.50	7.00	5.00	72.00	780.00	1.00	20.00	11.00	4.00	109.00
TL13301	169.5	170.7	1327314	3.00	43.00	578.00	28.00	0.39	2.50	15.00	5.00	93.00	895.00	1.00	25.00	5.00	4.00	43.00
TL13301	170.7	171.7	1327315	2.00	31.00	409.00	2707.00	0.83	2.50	12.00	5.00	53.00	532.00	1.00	14.00	73.00	3.00	3381.00
TL13301	171.7	172.7	1327316	2.00	46.00	771.00	41.00	0.36	2.50	13.00	5.00	112.00	1182.00	1.00	29.00	5.00	5.00	62.00
TL13301	172.7	174.0	1327317	4.00	58.00	592.00	36.00	0.40	2.50	20.00	5.00	96.00	1188.00	1.00	30.00	15.00	4.00	204.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13301	12.5	21.2	8.7	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13301	12.5	21.2	8.7	PY	DISS	0.1	Trace to 1% disseminated py
TL13301	12.5	21.2	8.7	PY	BLB	0.1	Trace py blebs found in and along margins of qtz veins
TL13301	21.2	27.8	6.6	PO	BLB	0.1	Trace po blebs in and along margins of qtz-amph veins
TL13301	21.2	27.8	6.6	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13301	27.8	49.5	21.6	PY	DISS	1	1% disseminated py throughout the interval
TL13301	27.8	49.5	21.6	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13301	48.5	49.5	1.0	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13301	49.5	72.4	22.9	PY	ST	4	4% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13301	49.5	72.4	22.9	SPH	ST	2	2% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13301	49.5	72.4	22.9	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization and w/ cpy in qtz veins
TL13301	49.5	72.4	22.9	CP	BLB	0.1	Trace cpy in and along margins of qtz veins
TL13301	49.5	72.4	22.9	PY	DISS	2	2% disseminated py throughout the interval
TL13301	72.4	102.6	30.3	CP	BLB	0.1	Trace cpy blebs associated w/ po mineralization
TL13301	72.4	102.6	30.3	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13301	72.4	102.6	30.3	PY	DISS	1	1% disseminated py throughout the interval
TL13301	72.4	102.6	30.3	PY	ST	2	2% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13301	72.4	102.6	30.3	PO	ST	1	1% po in 1-4mm wide stringers oriented semi-parallel to foliation
TL13301	79.0	81.0	2.0	SPH	ST	2	2% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13301	79.0	81.0	2.0	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13301	81.0	102.6	21.6	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13301	102.6	125.5	22.9	SPH	ST	1	Trace to 1% sph stringers throughout BMS
TL13301	102.6	125.5	22.9	PO	ST	1	Trace to 1% po stringers found associated with sph, some local blebs
TL13301	102.6	126.4	23.8	PY	DISS	2	1-2% diss. py, local stringers and blebs
TL13301	102.6	126.4	23.8	PB	BLB	0.1	Trace gn blebs found with sph stringers
TL13301	102.6	126.4	23.8	CP	BLB	0.1	Trace cpy blebs found with py/sph
TL13301	105.7	105.7	0.0	AU	BLB	0.1	2 VG blebs within mineralized qz
TL13301	125.5	126.4	0.9	SPH	ST	2	1-2% sph stringers
TL13301	125.5	126.4	0.9	PO	ST	2	1-2% po stringers and blebs
TL13301	126.4	156.1	29.7	PY	DISS	1	1% diss. py, local increases with blebs and stringers
TL13301	126.4	156.1	29.7	PO	BLB	1	Trace to 1% po blebs
TL13301	156.1	165.4	9.3	PY	DISS	5	4-5% diss. py, abundant blebs and stringers
TL13301	156.1	165.4	9.3	PO	BLB	1	Trace to 1% po blebs
TL13301	160.9	162.0	1.2	PB	BLB	1	1% gn blebs with sph stringers
TL13301	160.9	162.0	1.2	SPH	ST	4	3-4% sph stringers in patch of strong sr
TL13301	160.9	162.0	1.2	PY	ST	10	Abundant py blebs and stringers in patch of strong sr
TL13301	160.9	162.0	1.2	CP	BLB	2	1-2% cpy blebs with increased py/sph
TL13301	162.0	165.4	3.4	CP	BLB	0.1	Trace cpy blebs

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13301	162.0	165.4	3.4	SPH	ST	2	1-2% sph stringers
TL13301	165.4	171.0	5.7	SPH	ST	0.1	Trace sph stringers
TL13301	165.4	180.0	14.7	PO	BLB	0.1	Trace po blebs
TL13301	165.4	180.0	14.7	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13301	171.0	171.3	0.3	PB	SW	4	3-4% gn stockwork and blebs
TL13301	171.0	171.3	0.3	SPH	SW	4	3-4% sph stockwork and stringers
TL13301	171.0	171.3	0.3	CP	BLB	4	3-4% cpy blebs through sph/gn stockwork

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13301	12.5	21.2	8.7	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13301	15.0	16.0	1.0	Fold	Weak	45	Two Weak F2 folds oriented at 45 deg TCA
TL13301	21.2	27.8	6.6	FOL	Weak	60	Weak foliation at 60 deg TCA
TL13301	21.2	27.8	6.6	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13301	27.8	39.0	11.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13301	27.8	49.5	21.6	FR	Weak	50	Weak fracture set cross cutting foliation at 50 deg TCA
TL13301	39.0	49.5	10.5	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13301	49.5	72.4	22.9	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL13301	49.5	72.4	22.9	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13301	59.7	60.0	0.3	Fold	Moderate	40	Moderate F2 folding oriented at 40 deg TCA
TL13301	72.4	88.5	16.1	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13301	72.4	126.4	54.1	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13301	88.5	102.6	14.1	FOL	Weak	60	Weak foliation at 60 deg TCA
TL13301	102.6	126.4	23.8	FOL	Moderate	60	60 deg TCA
TL13301	126.4	156.1	29.7	FR	Weak	45	Fracture set 30-60 deg TCA, minor marginal alt and some infilled with qz-carb
TL13301	126.4	156.1	29.7	FOL	Weak	62	60-65 deg TCA
TL13301	126.4	156.1	29.7	MSH			Wavy folding of foliation around patches of and?
TL13301	154.9	154.9	0.0	MSH		60	Small microshear with lithified gouge, parallel to foliation
TL13301	156.1	165.4	9.3	FOL	Moderate	65	
TL13301	156.5	156.6	0.1	Fold	Moderate	60	F2 fold adjacent to qz veins, axial plane 60 deg TCA
TL13301	157.6	157.7	0.1	Fold	Strong	45	F2 fold, axial plane 45 deg TCA
TL13301	159.8	159.9	0.1	Fold	Strong	53	F2 folds, axial plane 53 deg TCA
TL13301	164.8	164.9	0.1	Fold	Moderate	25	Folded qz veins, axial plane 25 deg TCA
TL13301	165.0	165.1	0.1	Fold	Moderate	50	F2 fold, axial plane 50 deg TCA
TL13301	165.4	180.0	14.7	FOL	Weak	60	Weak foliation, slightly stronger in sr patches
TL13301	165.4	180.0	14.7	FR	Weak	30	Fracture set 20-40 deg TCA, minor marginal alt
TL13301	169.3	169.3	0.1	Fold	Strong	45	F2 fold, axial plane 45 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13301	12.5	21.2	8.7	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13301	12.5	21.2	8.7	SI	Patchy	Strong	Strong patchy sil alt
TL13301	21.2	27.8	6.6	SI	Pervasive	Strong	Strong pervasive silicification
TL13301	21.2	27.8	6.6	SR	Patchy	Very Strong	V. strong patchy to semi-pervasive ser alt, 90% ser to 10% bio
TL13301	21.2	27.8	6.6	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13301	27.8	49.5	21.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13301	27.8	49.5	21.6	SI	Patchy	Strong	Strong patchy silicification
TL13301	49.5	72.4	22.9	SR	Patchy	Very Strong	V. strong patchy to semi-pervasive ser alt, 90% ser to 10% bio
TL13301	49.5	72.4	22.9	SI	Patchy	Moderate	Moderate patchy silicification
TL13301	72.4	79.3	6.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13301	72.4	87.0	14.6	SI	Patchy	Strong	Strong patchy sil alt
TL13301	79.3	80.4	1.1	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13301	80.4	102.0	21.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13301	87.0	99.0	12.0	SI	Patchy	Weak	Weak patchy sil alt
TL13301	99.0	102.6	3.6	SI	Patchy	Strong	Strong patchy sil alt
TL13301	102.0	126.4	24.4	SR	Patchy	Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13301	126.4	156.1	29.7	SR	Patchy	Very Weak	Patchy sr/musc, ~5%
TL13301	126.4	156.1	29.7	BT	Pervasive	Very Strong	Very strong bt, 95%
TL13301	156.1	165.4	9.3	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio, patches up to 1m of moderate to strong sr
TL13301	156.1	165.4	9.3	SI	Pervasive	Weak	Weak silicification
TL13301	165.4	180.0	14.7	SI	Pervasive	Very Strong	V. strong silicification
TL13301	167.0	171.1	4.1	SR	Patchy	Weak	Semi-pervasive sericite patches, 15% sr
TL13301	171.1	171.6	0.5	SR	Patchy	Very Strong	Patch of very strong sr
TL13301	172.8	173.1	0.3	SR	Patchy	Strong	Patch of strong sr

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13301	15	18	3	2.97	2.76	99	92	5	
TL13301	18	21	3	2.93	2.51	97.67	83.67	15	
TL13301	21	24	3	3.04	2.8	101.33	93.33	11	
TL13301	24	27	3	3.07	2.87	102.33	95.67	13	
TL13301	27	30	3	3.05	2.28	101.67	76	21	
TL13301	30	33	3	2.92	2.92	97.33	97.33	2	
TL13301	33	36	3	3.12	2.64	104	88	12	
TL13301	36	39	3	2.99	2.91	99.67	97	4	
TL13301	39	42	3	2.99	2.16	99.67	72	17	
TL13301	42	45	3	3.07	2.66	102.33	88.67	10	
TL13301	45	48	3	3.03	2.61	101	87	18	
TL13301	48	51	3	2.93	2.65	97.67	88.33	11	
TL13301	51	54	3	2.94	2.07	98	69	27	
TL13301	54	57	3	3.02	1.75	100.67	58.33	40	SRP
TL13301	57	60	3	3.05	1.36	101.67	45.33	34	
TL13301	60	63	3	3.08	2.31	102.67	77	24	
TL13301	63	66	3	2.97	1.13	99	37.67	30	
TL13301	66	69	3	3.07	2.68	102.33	89.33	15	
TL13301	69	72	3	2.99	2.77	99.67	92.33	9	
TL13301	72	75	3	2.94	2.63	98	87.67	8	
TL13301	75	78	3	2.99	2.75	99.67	91.67	7	
TL13301	78	81	3	3.09	2.17	103	72.33	20	
TL13301	81	84	3	2.93	2.66	97.67	88.67	7	
TL13301	84	87	3	3	2.61	100	87	10	
TL13301	87	90	3	3.02	2.85	100.67	95	7	
TL13301	90	93	3	2.96	2.87	98.67	95.67	5	
TL13301	93	96	3	3.02	2.91	100.67	97	8	
TL13301	96	99	3	3.08	2.8	102.67	93.33	14	
TL13301	99	102	3	2.9	2.77	96.67	92.33	4	
TL13301	102	105	3	3.06	2.82	102	94	6	
TL13301	105	108	3	2.99	2.92	99.67	97.33	5	
TL13301	108	111	3	2.95	2.64	98.33	88	6	
TL13301	111	114	3	2.98	2.54	99.33	84.67	10	
TL13301	114	117	3	3	2.79	100	93	8	
TL13301	117	120	3	3.05	3.05	101.67	101.67	6	
TL13301	120	123	3	2.93	2.73	97.67	91	10	
TL13301	123	126	3	3.07	2.84	102.33	94.67	8	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13301	126	129	3	3	2.73	100	91	11	
TL13301	129	132	3	3.04	2.67	101.33	89	10	
TL13301	132	135	3	2.93	2.28	97.67	76	22	
TL13301	135	138	3	3.03	2.64	101	88	8	
TL13301	138	141	3	2.95	2.27	98.33	75.67	17	
TL13301	141	144	3	3.04	1.84	101.33	61.33	26	
TL13301	144	147	3	2.95	2.21	98.33	73.67	20	
TL13301	147	150	3	3.04	2.76	101.33	92	9	
TL13301	150	153	3	3.02	1.91	100.67	63.67	23	
TL13301	153	156	3	3	2.23	100	74.33	17	
TL13301	156	159	3	2.99	2.43	99.67	81	18	
TL13301	159	162	3	3.04	2.62	101.33	87.33	16	
TL13301	162	165	3	2.99	2.32	99.67	77.33	12	
TL13301	165	168	3	3.02	2.71	100.67	90.33	2	
TL13301	168	171	3	3.05	3.05	101.67	101.67	3	
TL13301	171	174	3	3.02	3.02	100.67	100.67	5	
TL13301	174	177	3	2.99	2.99	99.67	99.67	2	
TL13301	177	180	3	2.94	2.77	98	92.33	8	

Hole Number: TL13302

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512094.60	North:	Collar Az: 0.00
Location: Zealand Township	East: 528251.34	East:	Length: 120.00
	Elev: 395.71	Elev:	Start Depth: 0.00
Date Started: Jan 17, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 18, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 120.00

Comments: Logged by Brian Wolfe and Adam Larsen
Patent #0134 (34461 Betker Option)
MSS C-zone 43-66m
Strong sr and si alteration throughout most of it. At 61m the alteration weakens as it has a gradual transition to following BMS
Increased mineralization throughout. Py ranges from 2-5%, sph trace to 3%, and trance gn.
Best intervals from 49.50-50.50 with 5% py, 2% sph, trace gn
and 60.50-60.80 with 2% py and 4% spy
Several intervals within Footwall BMS zones with increased mineralization

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0	-46.00	EZ Sho	OK		18.00	0.60	-45.80	EZ Sho	OK	
54.00	358.70	-44.60	EZ Sho	OK		102.00	358.30	-42.70	EZ Sho	OK	
120.00	358.10	-42.30	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	11.44	OB, Overburden									
11.44	23.25	BMS, Biotite Muscovite Schist BMS with moderate sr near top of hole but becomes weaker at ~16m. Strong silicification throughout. Poorly mineralized. Gradual contact to a more massive MSED									
23.25	32.00	MSED, Metasediment Dark grey MSED with patches of bio/sr. •Generally massive with some weak to moderate foliation Poorly mineralized	1327318	30.50	32.00	1.50	0.02				

Hole Number: TL13302

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
95.35	120.00	BMS, Biotite Muscovite Schist Moderately sr altered BMS with moderate to strong si. Last 5m of zone is dark and massive, could be transitioning to MSED. Increased mineralization throughout zone with increased py, sph, po, cpy, and gn. Often condensed within strong sr patches and qz-chl bands	1327361	96.00	97.50	1.50	0.02				
			1327362	97.50	99.00	1.50	0.08				
			1327363	99.00	100.00	1.00	0.03				
			1327364	100.00	101.00	1.00	0.23				
			1327365	101.00	102.00	1.00	0.01				
			1327366	101.00	102.00	1.00	0.02				
			1327367	102.00	103.50	1.50	0.08				
			1327368	103.50	105.00	1.50	0.16				
			1327369	105.00	106.50	1.50	0.43				
			1327371	106.50	108.00	1.50	0.70				
			1327372	108.00	109.50	1.50	1.07				
			1327373	109.50	111.00	1.50	0.09				
			1327374	111.00	112.00	1.00	0.08				
			1327375	112.00	113.00	1.00	0.03				
			1327376	113.00	114.00	1.00	0.19				
			1327377	114.00	115.50	1.50	0.19				
			1327378	115.50	117.00	1.50	0.02				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327318	30.50	32.00	0.0230				
1327319	32.00	33.00	0.0370				
1327321	33.00	34.00	0.0150				
1327322	34.00	35.00	0.0220				
1327323	35.00	36.00	0.0280				
1327324	36.00	37.50	0.0160				
1327325	37.50	39.00	0.0150				
1327327	39.00	40.00	0.0660				
1327328	40.00	41.50	0.0400				
1327329	41.50	42.50	0.0370				
1327331	42.50	43.86	0.0400				
1327332	43.86	45.00	0.0390				
1327333	45.00	46.50	0.1110				
1327334	46.50	48.00	0.1010				
1327335	48.00	49.50	0.4350				
1327336	49.50	50.50	0.2410				
1327337	50.50	52.00	0.2010				
1327338	52.00	53.50	0.8820				
1327339	53.50	55.00	0.2200				
1327341	55.00	56.50	0.4060				

Hole Number: TL13302

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327342	56.50	58.00	0.7140				
1327343	58.00	59.50	0.1020				
1327344	59.50	61.00	0.2960				
1327345	61.00	62.50	0.2080				
1327347	62.50	63.50	0.1790				
1327348	63.50	64.50	0.1330				
1327349	64.50	66.00	0.2030				
1327351	66.00	67.50	0.0720				
1327352	67.50	69.00	0.0240				
1327353	69.00	70.50	0.0250				
1327354	70.50	72.00	0.0050				
1327355	72.00	73.50	0.0090				
1327356	73.50	75.00	0.1370				
1327357	75.00	76.50	0.1730				
1327358	76.50	78.00	0.1470				
1327359	78.00	79.50	0.1960				
1327361	96.00	97.50	0.0200				
1327362	97.50	99.00	0.0780				
1327363	99.00	100.00	0.0310				
1327364	100.00	101.00	0.2290				
1327365	101.00	102.00	0.0120				
1327367	102.00	103.50	0.0790				
1327368	103.50	105.00	0.1630				
1327369	105.00	106.50	0.4290				
1327371	106.50	108.00	0.7030				
1327372	108.00	109.50	1.0680				
1327373	109.50	111.00	0.0900				
1327374	111.00	112.00	0.0750				
1327375	112.00	113.00	0.0280				
1327376	113.00	114.00	0.1940				
1327377	114.00	115.50	0.1930				
1327378	115.50	117.00	0.0240				
Sample Type	CDUP						
1327326	37.50	39.00	0.0130				
1327346	61.00	62.50	0.0010				
1327366	101.00	102.00	0.0230				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13302	30.5	32.0	1327318	0.50	2.76	7.00	199.00	2.00	15.00	1.27	2.00	10.00	52.00	17.00	1.88	0.01	7.00	0.83	468.00
TL13302	32.0	33.0	1327319	0.50	2.15	37.00	209.00	1.00	19.00	0.23	2.00	8.00	31.00	24.00	1.64	0.01	0.50	0.28	137.00
TL13302	33.0	34.0	1327321	0.50	1.81	22.00	163.00	1.00	11.00	0.59	2.00	4.00	13.00	7.00	1.16	0.04	0.50	0.50	218.00
TL13302	34.0	35.0	1327322	0.50	3.34	28.00	241.00	1.00	17.00	0.70	2.00	6.00	18.00	10.00	1.31	0.03	4.00	0.52	233.00
TL13302	35.0	36.0	1327323	0.50	2.42	39.00	163.00	1.00	15.00	0.48	2.00	7.00	13.00	8.00	1.45	0.11	0.50	0.40	171.00
TL13302	36.0	37.5	1327324	0.50	3.48	21.00	163.00	1.00	10.00	1.16	2.00	6.00	13.00	6.00	1.05	0.18	5.00	0.68	324.00
TL13302	37.5	39.0	1327325	0.50	4.50	19.00	297.00	2.00	19.00	1.67	2.00	5.00	13.00	4.00	1.34	0.27	10.00	0.89	407.00
TL13302	37.5	39.0	1327326	0.50	2.96	14.00	230.00	1.00	12.00	1.13	2.00	4.00	9.00	3.00	1.01	0.09	4.00	0.66	291.00
TL13302	39.0	40.0	1327327	1.00	7.13	29.00	406.00	1.00	16.00	0.94	2.00	6.00	29.00	11.00	1.34	0.01	23.00	0.61	222.00
TL13302	40.0	41.5	1327328	1.00	3.83	24.00	317.00	1.00	10.00	1.57	2.00	13.00	90.00	20.00	2.30	0.01	7.00	1.02	504.00
TL13302	41.5	42.5	1327329	0.50	3.81	24.00	331.00	1.00	16.00	1.09	2.00	7.00	46.00	19.00	1.67	0.05	6.00	0.75	378.00
TL13302	42.5	43.9	1327331	0.50	2.23	13.00	236.00	2.00	29.00	0.88	2.00	4.00	12.00	24.00	0.95	0.01	2.00	0.59	273.00
TL13302	43.9	45.0	1327332	0.50	7.55	34.00	953.00	2.00	23.00	0.84	2.00	8.00	23.00	17.00	1.49	0.25	9.00	0.28	50.00
TL13302	45.0	46.5	1327333	0.50	1.51	38.00	260.00	2.00	5.00	0.18	2.00	5.00	10.00	6.00	1.04	0.27	0.50	0.33	169.00
TL13302	46.5	48.0	1327334	0.50	4.12	42.00	325.00	1.00	9.00	0.44	2.00	8.00	28.00	19.00	1.39	0.09	5.00	0.56	219.00
TL13302	48.0	49.5	1327335	1.00	3.78	85.00	315.00	1.00	21.00	0.01	4.00	7.00	41.00	18.00	1.55	0.01	2.00	0.23	50.00
TL13302	49.5	50.5	1327336	2.00	3.56	102.00	332.00	1.00	16.00	0.01	6.00	4.00	26.00	72.00	1.49	0.01	2.00	0.23	50.00
TL13302	50.5	52.0	1327337	0.50	4.12	48.00	388.00	2.00	17.00	0.01	2.00	5.00	23.00	20.00	1.14	0.25	3.00	0.24	50.00
TL13302	52.0	53.5	1327338	3.00	1.68	55.00	214.00	1.00	8.00	0.03	2.00	4.00	12.00	33.00	1.06	0.01	0.50	0.26	102.00
TL13302	53.5	55.0	1327339	0.50	0.78	23.00	141.00	1.00	3.00	0.21	2.00	3.00	6.00	9.00	0.73	0.06	0.50	0.31	182.00
TL13302	55.0	56.5	1327341	4.00	2.25	60.00	248.00	1.00	25.00	0.16	7.00	5.00	21.00	61.00	1.29	0.08	0.50	0.31	159.00
TL13302	56.5	58.0	1327342	2.00	2.84	55.00	202.00	1.00	11.00	0.65	2.00	6.00	24.00	18.00	1.31	0.19	4.00	0.48	316.00
TL13302	58.0	59.5	1327343	0.50	5.72	91.00	333.00	1.00	7.00	1.87	2.00	8.00	36.00	24.00	1.92	0.50	15.00	1.15	742.00
TL13302	59.5	61.0	1327344	2.00	5.16	61.00	333.00	2.00	12.00	0.56	31.00	8.00	43.00	115.00	2.26	0.60	8.00	0.50	285.00
TL13302	61.0	62.5	1327345	1.00	4.93	66.00	246.00	2.00	10.00	1.01	4.00	15.00	79.00	61.00	2.53	0.45	11.00	1.23	557.00
TL13302	61.0	62.5	1327346	1.00	5.67	74.00	255.00	2.00	19.00	0.96	2.00	15.00	81.00	61.00	2.45	0.69	14.00	1.17	501.00
TL13302	62.5	63.5	1327347	0.50	3.44	42.00	182.00	1.00	28.00	0.86	2.00	7.00	41.00	43.00	1.49	0.01	7.00	0.92	464.00
TL13302	63.5	64.5	1327348	0.50	2.65	29.00	207.00	1.00	22.00	1.03	2.00	4.00	13.00	12.00	1.05	0.01	4.00	0.69	357.00
TL13302	64.5	66.0	1327349	0.50	3.37	25.00	227.00	1.00	14.00	1.33	2.00	5.00	13.00	10.00	1.15	0.01	6.00	0.83	439.00
TL13302	66.0	67.5	1327351	0.50	7.29	39.00	296.00	3.00	20.00	2.42	2.00	8.00	46.00	29.00	2.18	0.28	18.00	1.60	788.00
TL13302	67.5	69.0	1327352	0.50	1.30	5.00	124.00	1.00	16.00	0.62	2.00	8.00	55.00	17.00	1.48	0.01	2.00	0.81	327.00
TL13302	69.0	70.5	1327353	0.50	2.60	4.00	219.00	1.00	7.00	0.90	2.00	5.00	20.00	17.00	1.03	0.01	5.00	0.77	361.00
TL13302	70.5	72.0	1327354	0.50	4.24	2.00	390.00	2.00	23.00	1.60	2.00	4.00	29.00	5.00	1.39	0.01	8.00	1.05	466.00
TL13302	72.0	73.5	1327355	0.50	4.58	10.00	435.00	3.00	25.00	1.79	2.00	6.00	24.00	3.00	1.42	0.01	10.00	1.28	509.00
TL13302	73.5	75.0	1327356	9.00	6.78	39.00	363.00	3.00	14.00	3.63	15.00	11.00	54.00	126.00	3.73	0.34	14.00	2.46	1203.00
TL13302	75.0	76.5	1327357	0.50	0.54	15.00	98.00	1.00	9.00	0.31	2.00	2.00	8.00	18.00	0.60	0.01	0.50	0.34	161.00
TL13302	76.5	78.0	1327358	1.00	3.88	28.00	258.00	1.00	20.00	1.68	4.00	5.00	30.00	28.00	1.72	0.01	8.00	0.94	513.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13302	30.5	32.0	1327318	2.00	46.00	797.00	41.00	0.60	2.50	12.00	5.00	95.00	1076.00	1.00	36.00	5.00	6.00	81.00
TL13302	32.0	33.0	1327319	1.00	35.00	596.00	35.00	1.55	2.50	16.00	5.00	56.00	783.00	1.00	30.00	5.00	4.00	63.00
TL13302	33.0	34.0	1327321	2.00	29.00	676.00	21.00	0.84	2.50	13.00	5.00	56.00	735.00	1.00	17.00	5.00	3.00	45.00
TL13302	34.0	35.0	1327322	2.00	31.00	633.00	13.00	1.07	2.50	16.00	5.00	65.00	954.00	1.00	23.00	5.00	4.00	30.00
TL13302	35.0	36.0	1327323	2.00	31.00	680.00	18.00	1.34	2.50	14.00	5.00	55.00	790.00	1.00	19.00	5.00	4.00	18.00
TL13302	36.0	37.5	1327324	2.00	27.00	666.00	23.00	0.56	2.50	14.00	5.00	80.00	823.00	1.00	20.00	5.00	4.00	37.00
TL13302	37.5	39.0	1327325	0.50	25.00	646.00	36.00	0.62	2.50	12.00	5.00	93.00	1330.00	1.00	31.00	5.00	4.00	54.00
TL13302	37.5	39.0	1327326	0.50	20.00	587.00	24.00	0.49	2.50	5.00	5.00	67.00	970.00	1.00	23.00	5.00	3.00	33.00
TL13302	39.0	40.0	1327327	18.00	40.00	398.00	22.00	0.72	2.50	2.50	5.00	107.00	1529.00	36.00	35.00	5.00	8.00	82.00
TL13302	40.0	41.5	1327328	3.00	52.00	895.00	32.00	1.12	2.50	10.00	5.00	81.00	1645.00	1.00	56.00	5.00	8.00	95.00
TL13302	41.5	42.5	1327329	3.00	46.00	793.00	40.00	1.09	2.50	12.00	5.00	73.00	1351.00	1.00	37.00	11.00	6.00	109.00
TL13302	42.5	43.9	1327331	2.00	29.00	807.00	29.00	0.45	2.50	8.00	5.00	57.00	769.00	1.00	16.00	5.00	3.00	32.00
TL13302	43.9	45.0	1327332	5.00	36.00	893.00	41.00	1.55	2.50	18.00	5.00	79.00	1656.00	1.00	37.00	12.00	5.00	43.00
TL13302	45.0	46.5	1327333	2.00	27.00	788.00	36.00	1.15	2.50	16.00	5.00	35.00	501.00	1.00	16.00	5.00	3.00	29.00
TL13302	46.5	48.0	1327334	4.00	37.00	768.00	50.00	1.36	2.50	7.00	5.00	58.00	722.00	1.00	29.00	11.00	5.00	36.00
TL13302	48.0	49.5	1327335	3.00	39.00	299.00	125.00	1.98	2.50	11.00	5.00	44.00	671.00	1.00	34.00	26.00	4.00	829.00
TL13302	49.5	50.5	1327336	5.00	46.00	706.00	422.00	1.85	7.00	16.00	5.00	44.00	593.00	1.00	23.00	38.00	4.00	1442.00
TL13302	50.5	52.0	1327337	4.00	39.00	767.00	51.00	1.26	2.50	11.00	5.00	45.00	817.00	1.00	26.00	17.00	4.00	178.00
TL13302	52.0	53.5	1327338	2.00	27.00	750.00	139.00	1.80	2.50	5.00	5.00	35.00	668.00	1.00	17.00	12.00	3.00	399.00
TL13302	53.5	55.0	1327339	0.50	18.00	764.00	53.00	0.97	2.50	8.00	5.00	38.00	566.00	1.00	13.00	5.00	2.00	61.00
TL13302	55.0	56.5	1327341	5.00	39.00	491.00	244.00	1.53	2.50	13.00	5.00	41.00	838.00	1.00	20.00	43.00	4.00	1758.00
TL13302	56.5	58.0	1327342	2.00	33.00	789.00	111.00	1.57	2.50	17.00	5.00	62.00	959.00	1.00	24.00	11.00	5.00	298.00
TL13302	58.0	59.5	1327343	6.00	63.00	896.00	84.00	1.43	2.50	13.00	5.00	112.00	1520.00	1.00	32.00	12.00	6.00	94.00
TL13302	59.5	61.0	1327344	9.00	77.00	1043.00	218.00	2.87	2.50	16.00	5.00	80.00	1380.00	1.00	32.00	197.00	6.00	9160.00
TL13302	61.0	62.5	1327345	6.00	63.00	988.00	121.00	1.81	2.50	16.00	5.00	88.00	1512.00	1.00	43.00	26.00	10.00	647.00
TL13302	61.0	62.5	1327346	7.00	63.00	1072.00	115.00	1.78	5.00	22.00	5.00	89.00	1524.00	1.00	45.00	17.00	12.00	354.00
TL13302	62.5	63.5	1327347	3.00	40.00	709.00	55.00	1.18	2.50	12.00	5.00	73.00	1047.00	1.00	29.00	5.00	6.00	145.00
TL13302	63.5	64.5	1327348	2.00	27.00	425.00	28.00	0.70	2.50	10.00	5.00	58.00	813.00	1.00	18.00	5.00	4.00	70.00
TL13302	64.5	66.0	1327349	1.00	24.00	713.00	18.00	0.76	2.50	10.00	5.00	66.00	958.00	1.00	21.00	5.00	4.00	27.00
TL13302	66.0	67.5	1327351	4.00	49.00	1284.00	31.00	1.35	2.50	10.00	5.00	119.00	1571.00	1.00	39.00	5.00	10.00	62.00
TL13302	67.5	69.0	1327352	2.00	43.00	658.00	14.00	0.51	2.50	13.00	5.00	47.00	922.00	1.00	34.00	5.00	6.00	53.00
TL13302	69.0	70.5	1327353	2.00	25.00	764.00	12.00	0.28	2.50	14.00	5.00	57.00	916.00	1.00	26.00	5.00	4.00	35.00
TL13302	70.5	72.0	1327354	5.00	47.00	523.00	16.00	0.41	2.50	14.00	5.00	86.00	1125.00	1.00	35.00	5.00	5.00	41.00
TL13302	72.0	73.5	1327355	4.00	38.00	624.00	17.00	0.51	2.50	17.00	5.00	97.00	1180.00	1.00	33.00	5.00	5.00	48.00
TL13302	73.5	75.0	1327356	9.00	75.00	1045.00	2365.00	3.03	2.50	13.00	5.00	146.00	1455.00	1.00	60.00	91.00	8.00	3824.00
TL13302	75.0	76.5	1327357	1.00	21.00	536.00	60.00	0.68	2.50	5.00	5.00	35.00	475.00	1.00	14.00	12.00	2.00	388.00
TL13302	76.5	78.0	1327358	4.00	45.00	694.00	333.00	1.45	2.50	10.00	5.00	83.00	1110.00	1.00	34.00	19.00	5.00	663.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13302	78.0	79.5	1327359	0.50	2.85	59.00	205.00	1.00	13.00	0.67	2.00	14.00	79.00	22.00	2.31	0.01	6.00	0.69	301.00
TL13302	96.0	97.5	1327361	0.50	7.10	8.00	541.00	3.00	19.00	4.08	2.00	8.00	40.00	24.00	2.31	0.24	16.00	1.96	930.00
TL13302	97.5	99.0	1327362	0.50	7.55	31.00	390.00	3.00	16.00	2.20	2.00	10.00	34.00	8.00	2.08	0.31	25.00	1.17	473.00
TL13302	99.0	100.0	1327363	0.50	7.78	13.00	491.00	3.00	15.00	3.00	2.00	8.00	35.00	12.00	2.02	0.48	22.00	1.44	594.00
TL13302	100.0	101.0	1327364	3.00	6.07	31.00	442.00	2.00	17.00	1.84	17.00	9.00	33.00	140.00	2.15	0.43	18.00	1.00	474.00
TL13302	101.0	102.0	1327366	0.50	6.32	19.00	519.00	3.00	5.00	2.28	2.00	8.00	44.00	18.00	2.04	0.43	18.00	1.10	498.00
TL13302	101.0	102.0	1327365	0.50	6.51	14.00	537.00	2.00	10.00	2.21	2.00	8.00	38.00	18.00	1.93	0.44	19.00	1.08	487.00
TL13302	102.0	103.5	1327367	0.50	4.46	42.00	408.00	1.00	5.00	1.89	2.00	8.00	39.00	36.00	2.03	0.35	16.00	1.04	476.00
TL13302	103.5	105.0	1327368	1.00	11.47	55.00	689.00	3.00	16.00	2.29	2.00	9.00	33.00	35.00	2.07	0.21	41.00	1.09	407.00
TL13302	105.0	106.5	1327369	3.00	9.17	72.00	510.00	3.00	26.00	2.25	2.00	8.00	28.00	200.00	2.36	0.22	34.00	1.23	502.00
TL13302	106.5	108.0	1327371	2.00	9.10	38.00	547.00	3.00	14.00	2.18	2.00	9.00	32.00	41.00	2.01	0.28	31.00	1.10	437.00
TL13302	108.0	109.5	1327372	2.00	8.74	50.00	527.00	3.00	14.00	2.08	4.00	8.00	26.00	39.00	2.19	0.24	29.00	1.11	496.00
TL13302	109.5	111.0	1327373	0.50	9.45	29.00	546.00	3.00	15.00	2.29	2.00	8.00	43.00	26.00	2.06	0.31	29.00	1.22	584.00
TL13302	111.0	112.0	1327374	5.00	9.14	8.00	587.00	2.00	25.00	3.41	34.00	7.00	43.00	1406.00	3.01	0.29	33.00	1.94	807.00
TL13302	112.0	113.0	1327375	0.50	8.57	9.00	514.00	3.00	15.00	3.32	10.00	7.00	32.00	344.00	2.37	0.17	21.00	1.69	765.00
TL13302	113.0	114.0	1327376	0.50	9.12	19.00	546.00	3.00	16.00	1.93	2.00	9.00	32.00	48.00	2.33	0.04	31.00	1.34	530.00
TL13302	114.0	115.5	1327377	1.00	9.61	17.00	732.00	2.00	7.00	1.90	6.00	8.00	41.00	191.00	2.09	0.05	35.00	1.16	539.00
TL13302	115.5	117.0	1327378	0.50	11.24	21.00	606.00	2.00	20.00	3.03	2.00	9.00	43.00	10.00	2.16	0.15	41.00	1.56	656.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13302	78.0	79.5	1327359	4.00	63.00	674.00	32.00	2.28	2.50	8.00	5.00	62.00	1366.00	1.00	55.00	5.00	9.00	246.00
TL13302	96.0	97.5	1327361	7.00	54.00	1051.00	34.00	0.74	2.50	18.00	5.00	169.00	1908.00	1.00	54.00	18.00	6.00	129.00
TL13302	97.5	99.0	1327362	6.00	50.00	1117.00	24.00	1.04	5.00	18.00	5.00	147.00	1819.00	1.00	47.00	12.00	7.00	73.00
TL13302	99.0	100.0	1327363	4.00	44.00	972.00	26.00	0.65	6.00	22.00	5.00	172.00	1678.00	1.00	46.00	12.00	7.00	116.00
TL13302	100.0	101.0	1327364	8.00	47.00	821.00	189.00	1.72	2.50	19.00	5.00	122.00	1560.00	1.00	43.00	108.00	6.00	4819.00
TL13302	101.0	102.0	1327366	9.00	63.00	1084.00	35.00	0.59	2.50	10.00	5.00	117.00	1648.00	1.00	52.00	17.00	6.00	93.00
TL13302	101.0	102.0	1327365	7.00	54.00	961.00	35.00	0.50	2.50	13.00	5.00	116.00	1694.00	1.00	49.00	10.00	6.00	147.00
TL13302	102.0	103.5	1327367	7.00	61.00	1014.00	52.00	0.72	2.50	20.00	5.00	87.00	1679.00	1.00	50.00	10.00	5.00	213.00
TL13302	103.5	105.0	1327368	6.00	44.00	1293.00	206.00	1.34	2.50	13.00	5.00	161.00	2269.00	1.00	56.00	24.00	10.00	460.00
TL13302	105.0	106.5	1327369	5.00	39.00	992.00	248.00	1.97	2.50	20.00	5.00	136.00	1869.00	1.00	47.00	27.00	9.00	427.00
TL13302	106.5	108.0	1327371	6.00	43.00	1045.00	645.00	1.09	2.50	29.00	5.00	138.00	2002.00	1.00	52.00	27.00	9.00	669.00
TL13302	108.0	109.5	1327372	6.00	35.00	1192.00	271.00	1.71	2.50	18.00	5.00	150.00	1870.00	1.00	48.00	29.00	8.00	860.00
TL13302	109.5	111.0	1327373	10.00	63.00	961.00	144.00	0.97	2.50	23.00	5.00	170.00	1917.00	1.00	58.00	19.00	9.00	282.00
TL13302	111.0	112.0	1327374	15.00	60.00	886.00	296.00	2.23	2.50	23.00	5.00	197.00	1545.00	1.00	62.00	200.00	10.00	11762.00
TL13302	112.0	113.0	1327375	8.00	43.00	995.00	103.00	1.28	2.50	20.00	5.00	212.00	1576.00	1.00	50.00	67.00	9.00	2527.00
TL13302	113.0	114.0	1327376	6.00	44.00	952.00	77.00	1.26	2.50	22.00	5.00	173.00	2196.00	1.00	56.00	26.00	8.00	483.00
TL13302	114.0	115.5	1327377	9.00	55.00	904.00	463.00	1.11	2.50	19.00	5.00	161.00	2275.00	1.00	61.00	45.00	9.00	1546.00
TL13302	115.5	117.0	1327378	9.00	56.00	1235.00	36.00	0.53	2.50	14.00	5.00	179.00	2269.00	1.00	61.00	16.00	10.00	103.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13302	11.4	23.3	11.8	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13302	23.3	32.0	8.8	PY	DISS	2	1-2% diss. py, local blebs
TL13302	23.3	32.0	8.8	PO	BLB	0.1	Trace po blebs and stringers
TL13302	32.0	43.9	11.9	PY	DISS	4	3-4% diss. py, more abundant in patches of strong sr
TL13302	32.0	43.9	11.9	SPH	ST	0.1	Trace sph stringers and blebs
TL13302	43.9	49.5	5.6	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13302	43.9	49.5	5.6	SPH	ST	0.1	Trace sph stringers
TL13302	49.5	50.5	1.0	PY	DISS	5	4-5% diss. py, stringers and blebs
TL13302	49.5	50.5	1.0	SPH	ST	2	1-2% sph stringers
TL13302	49.5	50.5	1.0	PB	BLB	0.1	Trace gn blebs with sph
TL13302	50.5	60.5	10.0	SPH	ST	1	1% sph stringers
TL13302	50.5	60.5	10.0	PY	DISS	4	3-4% diss. py, local stringers
TL13302	60.5	60.8	0.3	PY	BLB	2	2% py blebs with sph stringers
TL13302	60.5	60.8	0.3	SPH	ST	4	4% sph stringers
TL13302	60.8	66.2	5.4	PY	DISS	2	1-2% diss. py, local stringers
TL13302	60.8	66.2	5.4	SPH	ST	0.1	Trace sph stringers
TL13302	66.2	74.0	7.8	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13302	66.2	74.0	7.8	PO	BLB	0.1	Trace po blebs, often within qz-chl bands
TL13302	66.2	80.4	14.1	CP	BLB	0.1	Trace cpy blebs
TL13302	74.0	74.3	0.3	PO	BLB	5	5% po blebs throughout qz-chl bands
TL13302	74.0	80.4	6.4	PY	DISS	5	4-5% diss. py, abundant stringers and blebs
TL13302	74.5	74.8	0.3	PB	BLB	1	Trace to 1% gn blebs with sph stringers
TL13302	74.5	74.8	0.3	SPH	ST	3	2-3% sph stringers
TL13302	74.8	80.4	5.6	SPH	ST	2	1-2% sph stringers
TL13302	80.4	95.4	15.0	PY	DISS	1	Trace to 1% diss. py, local blebs
TL13302	80.4	95.4	15.0	PO	ST	2	1-2% po stringers and blebs
TL13302	95.4	120.0	24.7	SPH	ST	2	1-2% sph stringers, usually close to each other and in either strong sr patches or qz-chl bands
TL13302	95.4	120.0	24.7	PB	BLB	0.1	Trace gn blebs with some sph stringers
TL13302	95.4	120.0	24.7	CP	BLB	0.1	Trace cpy blebs, associated with po blebs and sph stringers
TL13302	95.4	120.0	24.7	PO	BLB	3	2-3% po blebs, found commony within qz-chl bands
TL13302	95.4	120.0	24.7	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13302	111.5	112.2	0.7	CP	BLB	2	1-2% cpy blebs in qz-chl bands

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13302	11.4	23.3	11.8	FOL	Moderate	55	55
TL13302	14.0	14.0	0.0	Fold	Strong	40	Folding of py stringers, axial plane 40 deg TCA
TL13302	16.0	16.1	0.1	Fold	Moderate	50	Folded qz vein, axial plane 50 deg TCA
TL13302	18.7	19.0	0.3	FTZ	Weak	65	Several micro faults semi-parallel to foliation with unlithified fault gouge
TL13302	23.3	32.0	8.8	FOL	Weak	60	
TL13302	32.0	43.9	11.9	FR	Weak	50	Fracture set 40-60 deg TCA
TL13302	32.0	43.9	11.9	FOL	Moderate	55	
TL13302	43.9	66.2	22.4	FR	Weak	45	Weak fracture set 30-60 deg TCA, some irregular and parallel TCA
TL13302	43.9	66.2	22.4	FOL	Moderate	65	60-70 deg TCA
TL13302	50.6	50.6	0.1	FTZ	Moderate	60	Micro fault zone parallel to foliation, abundant unlithified fault gouge
TL13302	66.2	80.4	14.1	FR	Weak		Fracture set 40-60 deg TCA
TL13302	66.2	80.4	14.1	FOL	Moderate	65	60-70 deg TCA
TL13302	80.4	95.4	15.0	FR	Weak	55	Fracture set 20-70 deg TCA, minor marginal alt
TL13302	80.4	95.4	15.0	FOL	Moderate	65	Weak to moderate foliation
TL13302	95.4	120.0	24.7	FR	Weak	50	Fracture set 40-60 deg TCA, minor marginal alt
TL13302	95.4	120.0	24.7	FOL	Moderate	60	

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13302	11.4	16.3	4.8	SR	Patchy	Moderate	Semi-pervasive sericite, 70% sr 30% bio
TL13302	11.4	23.3	11.8	SI	Pervasive	Strong	Stron silicification
TL13302	16.3	23.3	7.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13302	23.3	32.0	8.8	SI	Pervasive	Strong	Strong silicification
TL13302	23.3	32.0	8.8	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr
TL13302	32.0	43.9	11.9	SI	Pervasive	Strong	Strong silicification
TL13302	32.0	43.9	11.9	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio, small patches up to 50cm of strong sr
TL13302	43.9	61.3	17.4	SR	Patchy	Very Weak	Semi-pervasive sericite, 90% sr 10% bio
TL13302	43.9	66.2	22.4	SI	Pervasive	Moderate	Moderate silicification
TL13302	61.3	66.2	4.9	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13302	66.2	80.4	14.1	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13302	66.2	80.4	14.1	SI	Pervasive	Strong	Moderate to strong silicification
TL13302	80.4	95.4	15.0	SR	Patchy	Very Weak	Weak patches of sr, <5%
TL13302	80.4	95.4	15.0	BT	Pervasive	Very Strong	V Strong bio
TL13302	95.4	115.6	20.2	SR	Patchy	Weak	Semi-pervasive sericite, 35% sr 65% bio
TL13302	95.4	120.0	24.7	SI	Pervasive	Strong	Moderate to strong silicification
TL13302	115.6	120.0	4.5	SR	Patchy	Very Weak	Semi-pervasive sericite, <5%

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13302	12	15	3	3.03	2.66	101	88.67	10	
TL13302	15	18	3	3.06	2.62	102	87.33	7	
TL13302	18	21	3	3.03	1.68	101	56	29	
TL13302	21	24	3	3.02	2.31	100.67	77	13	
TL13302	24	27	3	2.97	2.7	99	90	7	
TL13302	27	30	3	3.04	2.63	101.33	87.67	10	
TL13302	30	33	3	2.99	2.37	99.67	79	19	
TL13302	33	36	3	2.98	2.98	99.33	99.33	4	
TL13302	36	39	3	3.01	2.32	100.33	77.33	14	
TL13302	39	42	3	3.07	2.61	102.33	87	15	
TL13302	42	45	3	2.92	2.27	97.33	75.67	22	SRP
TL13302	45	48	3	3.02	1.61	100.67	53.67	25	
TL13302	48	51	3	3.04	1.07	101.33	35.67	50	SRP
TL13302	51	54	3	3.06	2.46	102	82	30	
TL13302	54	57	3	3.01	2.89	100.33	96.33	18	
TL13302	57	60	3	3.04	2.57	101.33	85.67	11	
TL13302	60	63	3	3.04	1.65	101.33	55	27	
TL13302	63	66	3	2.98	1.32	99.33	44	35	
TL13302	66	69	3	3.04	1.53	101.33	51	23	
TL13302	69	72	3	3.08	3.01	102.67	100.33	10	
TL13302	72	75	3	2.95	2.77	98.33	92.33	8	
TL13302	75	78	3	3.05	2.94	101.67	98	10	
TL13302	78	81	3	2.96	2.25	98.67	75	21	
TL13302	81	84	3	3.04	2.55	101.33	85	16	
TL13302	84	87	3	3.03	2.53	101	84.33	12	
TL13302	87	90	3	3.03	2.93	101	97.67	10	
TL13302	90	93	3	2.96	2.48	98.67	82.67	17	
TL13302	93	96	3	3.02	2.68	100.67	89.33	14	
TL13302	96	99	3	3.05	2.86	101.67	95.33	9	
TL13302	99	102	3	3.01	2.82	100.33	94	8	
TL13302	102	105	3	3.01	2.64	100.33	88	8	
TL13302	105	108	3	2.99	2.69	99.67	89.67	13	
TL13302	108	111	3	2.98	2.56	99.33	85.33	5	
TL13302	111	114	3	2.98	2.66	99.33	88.67	11	
TL13302	114	117	3	2.97	2.69	99	89.67	12	
TL13302	117	120	3	3.01	2.24	100.33	74.67	18	

DETAILED LOG

Hole Number: TL13303

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
21.00	34.40	BMS, Biotite Muscovite Schist BMS with strong si and weak patchy sr. Some strong patches up to 20cm Elevated py at 3-4% with higher abundance in strong sr patches. Trace sph stringers	303464	21.00	22.00	1.00		0.03			
			303466	22.00	23.00	1.00		0.01			
			303465	22.00	23.00	1.00		0.02			
			303467	23.00	24.00	1.00		0.07			
			303468	24.00	25.00	1.00		0.01			
			303469	25.00	26.00	1.00		0.03			
			303471	26.00	27.00	1.00		0.06			
			1327379	27.00	28.50	1.50	0.09				
			1327381	28.50	30.00	1.50	0.04				
			1327382	30.00	31.50	1.50	0.02				
			1327383	31.50	33.00	1.50	0.01				
1327384	33.00	34.40	1.40	0.02							
34.40	37.23	MSS, Muscovite Sericite Schist MSS 34.40m-37.23m Top portion or start to a very patchy MSS C-zone. Strong sr/si alteration with weak chl overprinting near bottom contact. Overall strong py at 5-6% with local increases, 1-2% sph stringers and blebs	1327385	34.40	35.45	1.05	0.07				
			1327386	34.40	35.45	1.05	0.05				
			1327387	35.45	36.45	1.00	0.10				
			1327388	36.45	37.25	0.80	0.17				
37.23	43.75	BMS, Biotite Muscovite Schist BMS with patchy sr alt and elevated py with trace sph. Could be center of poorly altered C-zone or just host rock between splays of c-zone	1327389	37.25	38.75	1.50	0.02				
			1327391	38.75	40.00	1.25	0.11				
			1327392	40.00	41.50	1.50	0.05				
			1327393	41.50	42.75	1.25	0.06				
			1327394	42.75	43.75	1.00	0.06				
43.75	49.58	MSS, Muscovite Sericite Schist MSS 43.75m-49.58m Very patchy MSS with both v.strong and v.weak sr alt. Increased amount of fracturing Strong sr patches usually contain increased mineralization. Overall 4-5% py with local condensed patches, 1% sph stringer, 1% po blebs, and trace cpy Common gn blebs found in mineralized stringers from 48.50-49.58	1327395	43.75	44.75	1.00	0.19				
			1327396	44.75	45.75	1.00	0.11				
			1327397	45.75	47.25	1.50	0.09				
			1327398	47.25	48.50	1.25	0.21				
			1327399	48.50	49.50	1.00	1.10				
			1327401	49.50	50.50	1.00	0.04				
49.58	56.10	BMS, Biotite Muscovite Schist BMS with weak atchy alt and elevated 3-4% py with 1% po blebs and trace sph. Could be part of poorly altered C-zone or just host rock between splays of c-zone segments	1327402	50.50	51.50	1.00	0.08				
			1327403	51.50	53.00	1.50	0.03				
			1327404	53.00	54.50	1.50	0.06				
			1327406	54.50	56.10	1.60	0.08				
			1327405	54.50	56.10	1.60	0.07				
56.10	58.36	MSS, Muscovite Sericite Schist MSS 56.10-58.36m Small, strongly sr/si altered MSS zone. Weak chl overprinting. Part of C-zone? Approximately 10% py with 1-2% sph stringers and trace gn	1327407	56.10	57.10	1.00	0.62				
			1327408	57.10	58.10	1.00	0.69				
			1327409	58.10	59.50	1.40	0.10				
58.36	63.65	BMS, Biotite Muscovite Schist Weakly altered BMS. Abundant 1-5mm, subrounded porphyroblasts. Increased shearing of foliation near these patches. Approx. 10% py throughout with Trace to 1% po blebs	1327411	59.50	60.50	1.00	0.25				
			1327412	60.50	62.00	1.50	0.18				
			1327413	62.00	63.50	1.50	0.19				
			1327414	63.50	64.50	1.00	0.47				

Hole Number: TL13303

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
63.65	68.76	MSS, Muscovite Sericite Schist	1327415	64.50	65.50	1.00	0.20				
		MSS 63.65-68.76m	1327416	65.50	66.50	1.00	0.37				
		Altered MSS zone with increased mineralization. Py most abundant near top contact.	1327417	66.50	67.50	1.00	0.10				
		Overall 5-6% py, 2-3% sph stringers, 1% po, and trace gn	1327418	67.50	68.50	1.00	0.18				
			1327419	68.50	69.50	1.00	0.05				
68.76	123.00	BMS, Biotite Muscovite Schist	1327421	69.50	71.00	1.50	0.01				
		Large, medium grey coloured BMS/MSED.	1327422	91.00	92.50	1.50	0.02				
		Common mottled-green qz-chl-amph bands throughout.	1327423	92.50	93.00	0.50	0.03				
		It is usually within these that we see increased po/sph/cpy/gn mineralization.	1327424	93.00	94.50	1.50	0.01				
		There is a condensed patch of mineralized qz-chl bands from 99-105m	1327425	94.50	96.00	1.50	0.01				
			1327426	94.50	96.00	1.50	0.01				
			1327427	96.00	97.50	1.50	0.01				
			1327428	97.50	99.00	1.50	0.03				
			1327429	99.00	100.00	1.00	0.06				
			1327431	100.00	101.00	1.00	0.03				
			1327432	101.00	102.00	1.00	0.14				
			1327433	102.00	103.00	1.00	0.08				
			1327434	103.00	104.00	1.00	0.05				
			1327435	104.00	105.00	1.00	0.01				
			1327436	105.00	106.50	1.50	0.01				
			1327437	106.50	108.00	1.50	0.01				
			1327438	108.00	109.50	1.50	0.01				
			1327439	109.50	110.00	0.50	0.09				
			1327441	110.00	111.50	1.50	0.02				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
303464	21.00	22.00		0.0340			
303465	22.00	23.00		0.0150			
303467	23.00	24.00		0.0690			
303468	24.00	25.00		0.0130			
303469	25.00	26.00		0.0340			
303471	26.00	27.00		0.0550			
1327379	27.00	28.50	0.0880				
1327381	28.50	30.00	0.0430				
1327382	30.00	31.50	0.0160				
1327383	31.50	33.00	0.0100				
1327384	33.00	34.40	0.0180				
1327385	34.40	35.45	0.0670				
1327387	35.45	36.45	0.1010				

Hole Number: TL13303

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327388	36.45	37.25	0.1700				
1327389	37.25	38.75	0.0240				
1327391	38.75	40.00	0.1080				
1327392	40.00	41.50	0.0500				
1327393	41.50	42.75	0.0560				
1327394	42.75	43.75	0.0560				
1327395	43.75	44.75	0.1860				
1327396	44.75	45.75	0.1050				
1327397	45.75	47.25	0.0940				
1327398	47.25	48.50	0.2110				
1327399	48.50	49.50	1.1040				
1327401	49.50	50.50	0.0430				
1327402	50.50	51.50	0.0840				
1327403	51.50	53.00	0.0330				
1327404	53.00	54.50	0.0620				
1327405	54.50	56.10	0.0660				
1327407	56.10	57.10	0.6230				
1327408	57.10	58.10	0.6860				
1327409	58.10	59.50	0.0950				
1327411	59.50	60.50	0.2480				
1327412	60.50	62.00	0.1780				
1327413	62.00	63.50	0.1880				
1327414	63.50	64.50	0.4660				
1327415	64.50	65.50	0.2010				
1327416	65.50	66.50	0.3730				
1327417	66.50	67.50	0.1000				
1327418	67.50	68.50	0.1830				
1327419	68.50	69.50	0.0540				
1327421	69.50	71.00	0.0100				
1327422	91.00	92.50	0.0180				
1327423	92.50	93.00	0.0270				
1327424	93.00	94.50	0.0080				
1327425	94.50	96.00	0.0070				
1327427	96.00	97.50	0.0100				
1327428	97.50	99.00	0.0260				
1327429	99.00	100.00	0.0600				
1327431	100.00	101.00	0.0280				
1327432	101.00	102.00	0.1440				
1327433	102.00	103.00	0.0780				

Hole Number: TL13303

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327434	103.00	104.00	0.0500				
1327435	104.00	105.00	0.0130				
1327436	105.00	106.50	0.0140				
1327437	106.50	108.00	0.0080				
1327438	108.00	109.50	0.0140				
1327439	109.50	110.00	0.0850				
1327441	110.00	111.50	0.0160				
Sample Type	CDUP						
303466	22.00	23.00		0.0130			
1327386	34.40	35.45	0.0500				
1327406	54.50	56.10	0.0790				
1327426	94.50	96.00	0.0130				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13303	21.0	22.0	303464	0.50	5.04	27.00	788.00	2.00	3.00	1.99	2.00	16.00	71.00	17.00	2.28	0.25	14.00	0.89	496.00
TL13303	22.0	23.0	303466	0.50	5.02	14.00	678.00	2.00	5.00	2.53	2.00	10.00	7.00	5.00	1.86	0.51	15.00	1.14	715.00
TL13303	22.0	23.0	303465	0.50	4.99	17.00	687.00	2.00	3.00	2.43	2.00	11.00	11.00	7.00	1.88	0.25	15.00	1.10	679.00
TL13303	23.0	24.0	303467	0.50	3.78	17.00	618.00	2.00	0.50	1.90	2.00	11.00	39.00	11.00	2.10	0.34	12.00	1.19	604.00
TL13303	24.0	25.0	303468	0.50	4.06	10.00	682.00	2.00	7.00	1.42	2.00	9.00	40.00	12.00	1.80	0.27	13.00	1.31	635.00
TL13303	25.0	26.0	303469	0.50	3.57	21.00	572.00	2.00	4.00	1.54	2.00	16.00	92.00	33.00	2.47	0.01	11.00	1.12	808.00
TL13303	26.0	27.0	303471	0.50	3.36	33.00	328.00	2.00	4.00	2.33	2.00	19.00	122.00	36.00	3.41	0.17	12.00	1.20	940.00
TL13303	27.0	28.5	1327379	1.00	6.19	18.00	505.00	2.00	21.00	1.90	2.00	18.00	118.00	34.00	3.08	1.98	16.00	0.99	703.00
TL13303	28.5	30.0	1327381	0.50	2.49	18.00	324.00	2.00	12.00	0.99	2.00	8.00	65.00	20.00	1.68	0.01	4.00	0.53	380.00
TL13303	30.0	31.5	1327382	1.00	8.55	21.00	856.00	2.00	15.00	2.69	2.00	9.00	58.00	16.00	1.89	0.01	22.00	0.87	475.00
TL13303	31.5	33.0	1327383	0.50	8.06	20.00	1018.00	2.00	11.00	2.53	2.00	7.00	43.00	6.00	1.95	0.05	20.00	0.85	467.00
TL13303	33.0	34.4	1327384	2.00	8.42	36.00	1073.00	1.00	16.00	2.28	2.00	8.00	44.00	16.00	1.84	0.17	21.00	0.79	1281.00
TL13303	34.4	35.5	1327386	0.50	6.31	49.00	820.00	3.00	17.00	1.16	2.00	7.00	56.00	20.00	1.73	0.22	12.00	0.49	672.00
TL13303	34.4	35.5	1327385	1.00	7.63	53.00	964.00	3.00	23.00	1.34	2.00	7.00	57.00	18.00	1.86	0.17	15.00	0.48	663.00
TL13303	35.5	36.5	1327387	1.00	4.90	69.00	569.00	2.00	12.00	1.52	2.00	18.00	115.00	58.00	2.40	0.23	9.00	0.74	409.00
TL13303	36.5	37.3	1327388	1.00	4.21	81.00	534.00	2.00	11.00	0.47	2.00	9.00	99.00	14.00	2.17	0.31	4.00	0.20	50.00
TL13303	37.3	38.8	1327389	0.50	7.11	36.00	526.00	3.00	18.00	2.83	2.00	7.00	45.00	6.00	1.88	0.06	17.00	1.18	494.00
TL13303	38.8	40.0	1327391	0.50	4.98	56.00	332.00	2.00	24.00	1.54	2.00	12.00	59.00	33.00	2.36	0.12	10.00	0.89	408.00
TL13303	40.0	41.5	1327392	0.50	5.22	22.00	277.00	2.00	22.00	1.51	2.00	21.00	137.00	52.00	3.94	0.17	14.00	1.71	810.00
TL13303	41.5	42.8	1327393	0.50	5.35	20.00	297.00	2.00	17.00	1.33	2.00	21.00	146.00	47.00	4.02	0.17	14.00	1.72	675.00
TL13303	42.8	43.8	1327394	1.00	6.39	30.00	398.00	1.00	10.00	1.49	2.00	23.00	162.00	49.00	3.96	0.02	15.00	1.55	644.00
TL13303	43.8	44.8	1327395	2.00	4.77	75.00	344.00	2.00	17.00	0.57	8.00	23.00	139.00	84.00	3.28	0.11	5.00	0.58	237.00
TL13303	44.8	45.8	1327396	1.00	5.24	57.00	403.00	2.00	13.00	0.82	2.00	21.00	135.00	28.00	3.17	0.21	9.00	0.78	353.00
TL13303	45.8	47.3	1327397	1.00	5.58	44.00	441.00	3.00	14.00	1.57	2.00	20.00	127.00	36.00	3.54	0.22	10.00	1.12	519.00
TL13303	47.3	48.5	1327398	1.00	6.32	11.00	424.00	4.00	18.00	1.81	2.00	20.00	118.00	56.00	4.12	0.28	12.00	1.58	823.00
TL13303	48.5	49.5	1327399	4.00	4.72	60.00	460.00	1.00	9.00	0.50	2.00	6.00	51.00	76.00	1.62	0.31	7.00	0.30	115.00
TL13303	49.5	50.5	1327401	1.00	6.12	17.00	479.00	2.00	22.00	2.05	2.00	14.00	87.00	32.00	2.74	0.16	24.00	1.62	647.00
TL13303	50.5	51.5	1327402	1.00	5.88	75.00	376.00	3.00	25.00	2.44	8.00	25.00	148.00	56.00	4.45	0.26	12.00	1.68	739.00
TL13303	51.5	53.0	1327403	1.00	5.51	37.00	405.00	2.00	22.00	1.89	2.00	17.00	114.00	35.00	3.26	0.41	16.00	1.46	599.00
TL13303	53.0	54.5	1327404	0.50	8.01	45.00	582.00	3.00	13.00	3.20	2.00	9.00	28.00	32.00	2.50	0.13	20.00	1.60	1173.00
TL13303	54.5	56.1	1327406	1.00	7.18	50.00	530.00	3.00	20.00	2.62	2.00	13.00	79.00	46.00	3.02	0.08	17.00	1.51	958.00
TL13303	54.5	56.1	1327405	0.50	5.27	38.00	415.00	1.00	18.00	2.20	2.00	11.00	54.00	39.00	2.54	0.27	11.00	1.36	891.00
TL13303	56.1	57.1	1327407	2.00	3.71	166.00	353.00	3.00	4.00	0.48	2.00	17.00	97.00	55.00	3.37	0.10	6.00	0.29	121.00
TL13303	57.1	58.1	1327408	1.00	5.49	129.00	488.00	2.00	11.00	1.17	2.00	18.00	116.00	34.00	2.80	0.12	10.00	0.51	272.00
TL13303	58.1	59.5	1327409	1.00	6.00	80.00	458.00	2.00	10.00	1.97	2.00	18.00	133.00	40.00	3.24	0.21	14.00	1.34	596.00
TL13303	59.5	60.5	1327411	1.00	7.24	144.00	506.00	3.00	17.00	1.92	2.00	22.00	126.00	45.00	3.90	0.22	17.00	1.37	634.00
TL13303	60.5	62.0	1327412	1.00	6.40	91.00	427.00	2.00	19.00	1.49	2.00	22.00	135.00	48.00	3.80	0.25	18.00	1.68	537.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13303	21.0	22.0	303464	0.50	31.00	570.00	20.00	0.47	2.50	2.50	5.00	246.00	2196.00	6.00	77.00	5.00	10.00	71.00
TL13303	22.0	23.0	303466	0.50	8.00	600.00	24.00	0.33	2.50	2.50	5.00	284.00	1794.00	9.00	44.00	5.00	7.00	51.00
TL13303	22.0	23.0	303465	0.50	9.00	610.00	18.00	0.34	2.50	2.50	5.00	279.00	1855.00	9.00	45.00	5.00	6.00	53.00
TL13303	23.0	24.0	303467	0.50	23.00	487.00	29.00	0.27	2.50	2.50	5.00	247.00	1461.00	1.00	46.00	5.00	9.00	59.00
TL13303	24.0	25.0	303468	0.50	22.00	405.00	51.00	0.08	2.50	2.50	5.00	209.00	1315.00	7.00	39.00	5.00	9.00	77.00
TL13303	25.0	26.0	303469	0.50	40.00	461.00	53.00	0.37	2.50	2.50	5.00	184.00	1876.00	1.00	70.00	5.00	10.00	85.00
TL13303	26.0	27.0	303471	1.00	46.00	403.00	46.00	0.53	2.50	2.50	5.00	195.00	2012.00	1.00	75.00	5.00	11.00	97.00
TL13303	27.0	28.5	1327379	6.00	85.00	653.00	52.00	1.64	5.00	11.00	5.00	128.00	1940.00	1.00	68.00	11.00	11.00	72.00
TL13303	28.5	30.0	1327381	2.00	45.00	509.00	22.00	1.01	2.50	11.00	5.00	70.00	1162.00	1.00	44.00	5.00	6.00	46.00
TL13303	30.0	31.5	1327382	7.00	50.00	921.00	57.00	0.77	2.50	12.00	5.00	178.00	1848.00	1.00	45.00	10.00	7.00	103.00
TL13303	31.5	33.0	1327383	10.00	65.00	1000.00	33.00	0.75	2.50	17.00	5.00	176.00	1667.00	1.00	41.00	14.00	6.00	76.00
TL13303	33.0	34.4	1327384	11.00	68.00	987.00	91.00	0.95	2.50	22.00	5.00	174.00	1969.00	1.00	40.00	15.00	6.00	227.00
TL13303	34.4	35.5	1327386	14.00	99.00	817.00	101.00	1.23	6.00	16.00	5.00	105.00	1566.00	1.00	35.00	13.00	5.00	264.00
TL13303	34.4	35.5	1327385	15.00	97.00	989.00	119.00	1.41	2.50	19.00	5.00	114.00	1684.00	1.00	39.00	19.00	5.00	272.00
TL13303	35.5	36.5	1327387	17.00	108.00	964.00	66.00	1.86	2.50	13.00	5.00	103.00	1373.00	1.00	64.00	15.00	11.00	117.00
TL13303	36.5	37.3	1327388	24.00	147.00	630.00	187.00	2.03	2.50	14.00	5.00	62.00	1292.00	1.00	39.00	26.00	5.00	664.00
TL13303	37.3	38.8	1327389	8.00	58.00	789.00	34.00	0.92	5.00	26.00	5.00	138.00	1505.00	1.00	36.00	15.00	6.00	51.00
TL13303	38.8	40.0	1327391	6.00	67.00	714.00	30.00	1.70	2.50	15.00	5.00	83.00	1341.00	1.00	43.00	14.00	6.00	122.00
TL13303	40.0	41.5	1327392	7.00	108.00	836.00	37.00	1.46	5.00	16.00	5.00	77.00	1877.00	1.00	74.00	12.00	10.00	224.00
TL13303	41.5	42.8	1327393	8.00	114.00	1030.00	33.00	1.31	5.00	8.00	5.00	72.00	1827.00	1.00	72.00	13.00	9.00	104.00
TL13303	42.8	43.8	1327394	11.00	123.00	1177.00	63.00	1.87	2.50	11.00	5.00	86.00	1540.00	1.00	73.00	15.00	10.00	128.00
TL13303	43.8	44.8	1327395	10.00	124.00	936.00	85.00	2.88	2.50	16.00	5.00	52.00	1046.00	1.00	73.00	40.00	9.00	1396.00
TL13303	44.8	45.8	1327396	10.00	117.00	851.00	62.00	2.34	7.00	13.00	5.00	60.00	1056.00	1.00	71.00	14.00	8.00	79.00
TL13303	45.8	47.3	1327397	8.00	101.00	1034.00	66.00	2.61	5.00	14.00	5.00	71.00	1234.00	1.00	67.00	14.00	10.00	71.00
TL13303	47.3	48.5	1327398	6.00	97.00	937.00	56.00	2.00	2.50	17.00	5.00	78.00	1403.00	1.00	72.00	13.00	10.00	93.00
TL13303	48.5	49.5	1327399	6.00	49.00	530.00	451.00	1.34	18.00	20.00	5.00	49.00	908.00	1.00	29.00	26.00	6.00	721.00
TL13303	49.5	50.5	1327401	6.00	61.00	1009.00	57.00	0.97	2.50	15.00	5.00	89.00	1703.00	1.00	48.00	11.00	11.00	58.00
TL13303	50.5	51.5	1327402	5.00	90.00	1212.00	140.00	3.37	2.50	13.00	5.00	137.00	2240.00	1.00	70.00	46.00	14.00	1606.00
TL13303	51.5	53.0	1327403	5.00	65.00	837.00	71.00	1.56	2.50	18.00	5.00	126.00	2147.00	1.00	60.00	11.00	11.00	120.00
TL13303	53.0	54.5	1327404	3.00	36.00	898.00	44.00	1.28	2.50	17.00	5.00	150.00	1801.00	1.00	38.00	20.00	6.00	92.00
TL13303	54.5	56.1	1327406	6.00	57.00	1017.00	61.00	1.63	5.00	21.00	5.00	120.00	1883.00	1.00	52.00	17.00	9.00	99.00
TL13303	54.5	56.1	1327405	3.00	43.00	850.00	47.00	1.34	2.50	18.00	5.00	100.00	1535.00	1.00	42.00	11.00	7.00	89.00
TL13303	56.1	57.1	1327407	6.00	76.00	626.00	198.00	3.67	2.50	9.00	5.00	44.00	1291.00	1.00	51.00	17.00	8.00	287.00
TL13303	57.1	58.1	1327408	6.00	73.00	851.00	85.00	2.77	5.00	14.00	5.00	74.00	1479.00	1.00	60.00	12.00	11.00	137.00
TL13303	58.1	59.5	1327409	5.00	77.00	1026.00	67.00	2.02	2.50	10.00	5.00	108.00	1654.00	1.00	68.00	11.00	11.00	136.00
TL13303	59.5	60.5	1327411	7.00	89.00	811.00	102.00	3.01	2.50	9.00	5.00	113.00	1735.00	1.00	78.00	13.00	11.00	91.00
TL13303	60.5	62.0	1327412	7.00	86.00	939.00	78.00	2.04	2.50	7.00	5.00	92.00	1658.00	1.00	76.00	10.00	9.00	95.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13303	62.0	63.5	1327413	1.00	5.37	87.00	372.00	2.00	14.00	1.15	2.00	21.00	118.00	28.00	3.97	0.17	17.00	1.60	438.00
TL13303	63.5	64.5	1327414	0.50	5.09	79.00	341.00	1.00	24.00	1.40	2.00	17.00	101.00	63.00	2.96	0.37	13.00	1.11	336.00
TL13303	64.5	65.5	1327415	2.00	6.76	87.00	455.00	2.00	21.00	2.28	2.00	20.00	113.00	38.00	3.72	0.23	17.00	1.36	672.00
TL13303	65.5	66.5	1327416	3.00	7.15	93.00	649.00	3.00	13.00	1.66	4.00	10.00	32.00	75.00	2.34	0.11	17.00	0.68	403.00
TL13303	66.5	67.5	1327417	2.00	3.56	38.00	433.00	1.00	25.00	1.04	2.00	6.00	23.00	40.00	1.34	0.06	6.00	0.65	403.00
TL13303	67.5	68.5	1327418	3.00	5.79	39.00	576.00	2.00	13.00	2.04	2.00	5.00	25.00	96.00	1.85	0.03	15.00	0.98	576.00
TL13303	68.5	69.5	1327419	2.00	8.06	35.00	782.00	2.00	16.00	3.13	4.00	7.00	28.00	30.00	1.96	0.34	20.00	1.34	752.00
TL13303	69.5	71.0	1327421	0.50	9.20	26.00	830.00	2.00	11.00	3.51	2.00	9.00	26.00	7.00	2.14	0.46	21.00	1.45	730.00
TL13303	91.0	92.5	1327422	0.50	7.87	10.00	667.00	3.00	8.00	3.87	2.00	9.00	23.00	15.00	2.14	0.22	17.00	1.36	813.00
TL13303	92.5	93.0	1327423	1.00	7.64	5.00	780.00	3.00	15.00	4.10	17.00	21.00	25.00	131.00	4.61	0.28	14.00	1.31	923.00
TL13303	93.0	94.5	1327424	0.50	6.82	8.00	676.00	4.00	25.00	3.44	2.00	8.00	25.00	51.00	1.83	0.28	13.00	1.07	644.00
TL13303	94.5	96.0	1327425	0.50	7.36	9.00	719.00	2.00	19.00	3.34	2.00	7.00	22.00	9.00	1.79	0.24	15.00	1.09	592.00
TL13303	94.5	96.0	1327426	0.50	7.28	3.00	759.00	3.00	24.00	3.31	2.00	8.00	20.00	10.00	1.70	0.18	14.00	1.01	568.00
TL13303	96.0	97.5	1327427	0.50	6.92	8.00	654.00	2.00	13.00	3.01	2.00	8.00	19.00	3.00	1.65	0.16	16.00	1.13	489.00
TL13303	97.5	99.0	1327428	0.50	7.12	12.00	612.00	3.00	25.00	3.14	2.00	8.00	23.00	31.00	1.97	0.14	18.00	1.32	659.00
TL13303	99.0	100.0	1327429	4.00	9.79	17.00	807.00	3.00	23.00	4.27	8.00	9.00	27.00	66.00	2.84	0.22	26.00	1.79	915.00
TL13303	100.0	101.0	1327431	1.00	7.70	13.00	696.00	2.00	24.00	3.68	2.00	8.00	40.00	58.00	2.25	0.23	18.00	1.55	951.00
TL13303	101.0	102.0	1327432	4.00	4.79	10.00	387.00	2.00	4.00	2.10	23.00	6.00	34.00	406.00	2.48	0.33	10.00	1.03	704.00
TL13303	102.0	103.0	1327433	2.00	7.75	13.00	697.00	3.00	19.00	3.41	14.00	7.00	38.00	322.00	3.22	0.28	17.00	1.44	825.00
TL13303	103.0	104.0	1327434	2.00	6.33	6.00	601.00	2.00	10.00	4.25	7.00	6.00	38.00	147.00	2.63	0.25	13.00	1.81	1123.00
TL13303	104.0	105.0	1327435	2.00	9.15	7.00	799.00	2.00	23.00	3.24	5.00	8.00	50.00	75.00	2.64	0.22	24.00	1.05	578.00
TL13303	105.0	106.5	1327436	1.00	9.04	10.00	776.00	2.00	12.00	3.33	2.00	8.00	44.00	47.00	2.07	0.16	24.00	0.97	524.00
TL13303	106.5	108.0	1327437	2.00	12.67	13.00	1011.00	3.00	16.00	4.20	2.00	10.00	60.00	18.00	2.29	0.21	33.00	0.99	617.00
TL13303	108.0	109.5	1327438	1.00	9.33	7.00	748.00	2.00	18.00	3.14	2.00	8.00	43.00	34.00	1.96	0.24	26.00	0.93	676.00
TL13303	109.5	110.0	1327439	7.00	9.28	14.00	953.00	2.00	18.00	3.88	6.00	7.00	51.00	120.00	2.74	0.21	25.00	1.25	1016.00
TL13303	110.0	111.5	1327441	1.00	9.94	9.00	867.00	2.00	19.00	3.67	2.00	7.00	45.00	14.00	1.77	0.20	30.00	1.16	662.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13303	62.0	63.5	1327413	5.00	77.00	816.00	60.00	2.31	5.00	2.50	5.00	77.00	1480.00	1.00	65.00	14.00	8.00	84.00
TL13303	63.5	64.5	1327414	5.00	73.00	700.00	83.00	2.08	2.50	15.00	5.00	80.00	1256.00	1.00	60.00	14.00	7.00	246.00
TL13303	64.5	65.5	1327415	7.00	77.00	904.00	176.00	2.54	2.50	16.00	5.00	114.00	1716.00	1.00	67.00	28.00	10.00	550.00
TL13303	65.5	66.5	1327416	7.00	36.00	973.00	199.00	2.05	2.50	17.00	5.00	94.00	1577.00	1.00	36.00	29.00	6.00	749.00
TL13303	66.5	67.5	1327417	3.00	27.00	518.00	162.00	0.93	2.50	13.00	5.00	57.00	1142.00	1.00	26.00	15.00	4.00	314.00
TL13303	67.5	68.5	1327418	4.00	29.00	837.00	380.00	1.19	5.00	17.00	5.00	86.00	1326.00	1.00	30.00	16.00	5.00	353.00
TL13303	68.5	69.5	1327419	4.00	27.00	968.00	232.00	0.96	2.50	21.00	5.00	118.00	1657.00	1.00	36.00	23.00	5.00	682.00
TL13303	69.5	71.0	1327421	3.00	30.00	1051.00	51.00	0.92	2.50	18.00	5.00	167.00	1765.00	1.00	42.00	16.00	6.00	91.00
TL13303	91.0	92.5	1327422	2.00	26.00	976.00	45.00	0.56	2.50	14.00	5.00	142.00	1688.00	1.00	38.00	5.00	5.00	81.00
TL13303	92.5	93.0	1327423	3.00	33.00	929.00	113.00	2.93	2.50	18.00	5.00	169.00	1617.00	1.00	35.00	95.00	5.00	3764.00
TL13303	93.0	94.5	1327424	3.00	29.00	1143.00	105.00	0.68	2.50	15.00	5.00	158.00	1457.00	1.00	31.00	34.00	5.00	399.00
TL13303	94.5	96.0	1327425	3.00	23.00	910.00	67.00	0.36	2.50	17.00	5.00	139.00	1626.00	1.00	33.00	5.00	5.00	69.00
TL13303	94.5	96.0	1327426	3.00	24.00	850.00	82.00	0.32	6.00	18.00	5.00	139.00	1546.00	1.00	34.00	14.00	5.00	64.00
TL13303	96.0	97.5	1327427	3.00	20.00	664.00	25.00	0.35	2.50	17.00	5.00	133.00	1499.00	1.00	32.00	10.00	5.00	50.00
TL13303	97.5	99.0	1327428	4.00	28.00	864.00	60.00	0.80	2.50	16.00	5.00	139.00	1526.00	1.00	34.00	25.00	5.00	491.00
TL13303	99.0	100.0	1327429	4.00	29.00	1011.00	363.00	1.33	5.00	19.00	5.00	175.00	1865.00	1.00	44.00	57.00	6.00	2061.00
TL13303	100.0	101.0	1327431	7.00	48.00	925.00	56.00	1.14	2.50	18.00	5.00	138.00	1436.00	2.00	36.00	20.00	6.00	366.00
TL13303	101.0	102.0	1327432	7.00	47.00	1175.00	311.00	1.98	2.50	15.00	5.00	84.00	1167.00	1.00	29.00	148.00	5.00	7967.00
TL13303	102.0	103.0	1327433	7.00	41.00	991.00	254.00	2.37	2.50	27.00	5.00	139.00	1322.00	1.00	34.00	105.00	6.00	4060.00
TL13303	103.0	104.0	1327434	7.00	53.00	820.00	222.00	1.23	7.00	14.00	5.00	163.00	1289.00	1.00	33.00	97.00	6.00	1775.00
TL13303	104.0	105.0	1327435	8.00	61.00	866.00	458.00	1.18	6.00	9.00	5.00	168.00	1825.00	1.00	39.00	45.00	6.00	1490.00
TL13303	105.0	106.5	1327436	8.00	56.00	1087.00	89.00	0.51	2.50	17.00	5.00	182.00	2004.00	1.00	41.00	16.00	6.00	222.00
TL13303	106.5	108.0	1327437	10.00	64.00	1253.00	64.00	0.62	2.50	16.00	5.00	229.00	2244.00	1.00	49.00	15.00	8.00	84.00
TL13303	108.0	109.5	1327438	8.00	50.00	1155.00	56.00	0.66	2.50	20.00	5.00	170.00	1824.00	1.00	41.00	21.00	6.00	205.00
TL13303	109.5	110.0	1327439	15.00	42.00	757.00	1476.00	1.64	5.00	13.00	5.00	180.00	1433.00	1.00	35.00	43.00	8.00	1492.00
TL13303	110.0	111.5	1327441	8.00	47.00	790.00	57.00	0.39	2.50	17.00	5.00	156.00	1870.00	1.00	39.00	14.00	6.00	82.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13303	21.0	34.4	13.4	SPH	ST	0.1	Trace sph stringers within strong sr patches
TL13303	21.0	34.4	13.4	PY	DISS	4	3-4% diss. py, local blebs and stringers which are more abundant in strong sr patches
TL13303	34.4	37.2	2.8	PY	DISS	6	5-6% diss. py, local stringers and blebs
TL13303	34.4	37.2	2.8	SPH	ST	2	1-2% sph stringers
TL13303	37.2	43.8	6.5	SPH	ST	0.1	Trace sph stringers
TL13303	37.2	43.8	6.5	PY	DISS	4	3-4% diss. py, local stringers and blebs
TL13303	43.8	49.6	5.8	PY	DISS	5	4-5% diss. py with occasional small intervals of condensed stringers/blebs
TL13303	43.8	49.6	5.8	SPH	ST	1	1% sph stringers
TL13303	43.8	49.6	5.8	PO	BLB	1	1% po blebs
TL13303	43.8	49.6	5.8	CP	BLB	0.1	Trace cpy blebs
TL13303	48.5	49.6	1.1	PB	BLB	1	1% gn blebs within mineralized stringers
TL13303	49.6	56.1	6.5	PY	DISS	4	3-4% diss. py, local stringers and blebs
TL13303	49.6	56.1	6.5	SPH	ST	0.1	Trace sph stringers found in qz- chl bands
TL13303	49.6	56.1	6.5	PO	BLB	1	1% po blebs
TL13303	56.1	58.4	2.3	PY	DISS	10	~10% diss. py with abundant blebs and stringers
TL13303	56.1	58.4	2.3	PB	BLB	0.1	Trace gn blebs with sph
TL13303	56.1	58.4	2.3	SPH	ST	2	1-2% sph stringers and blebs
TL13303	58.4	63.7	5.3	PY	DISS	10	10% diss. py, abundant blebs and stringers
TL13303	58.4	63.7	5.3	PO	BLB	1	Trace to 1% po blebs
TL13303	63.7	68.8	5.1	SPH	ST	3	2-3% sph stringers
TL13303	63.7	68.8	5.1	PY	DISS	6	5-6% diss. py, abundant near top contact and reduces approaching lower contact
TL13303	63.7	68.8	5.1	PO	BLB	1	1% po blebs and stringers, sometimes in qz-chl-amph bands
TL13303	66.0	66.3	0.3	PB	BLB	1	Trace to 1% gn blebs
TL13303	68.8	99.0	30.2	CP	BLB	0.1	Trace cpy blebs, usually within qz-chl bands
TL13303	68.8	99.0	30.2	SPH	ST	0.1	Trace sph stringers, usually within qz-chl bands
TL13303	68.8	99.0	30.2	PO	BLB	1	Trace to 1% po blebs and stringers within qz-chl bands
TL13303	68.8	123.0	54.2	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13303	92.7	92.8	0.1	CP	BLB	1	1% cpy blebs within qz-chl band
TL13303	92.7	92.8	0.1	PO	SW	10	Abundant stockwork/semi-massive po with qz-chl band
TL13303	92.7	92.8	0.1	SPH	ST	2	1-2% sph stringers and blebs within qz-chl band
TL13303	99.0	105.0	6.0	PO	ST	3	2-3% po stringers and blebs, usually within qz-chl bands
TL13303	99.0	105.0	6.0	PB	BLB	0.1	Trace gn blebs, usually within qz-chl bands
TL13303	99.0	105.0	6.0	CP	BLB	0.1	Trace cpy blebs, usually within qz-chl bands
TL13303	99.0	105.0	6.0	SPH	ST	2	1-2% sph stringers and blebs, usually within qz-chl bands
TL13303	109.8	109.9	0.1	PO	ST	5	5% po blebs and stringers within qz-chl band
TL13303	109.8	109.9	0.1	CP	BLB	1	Trace to 1% cpy blebs within qz-chl band

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13303	109.8	109.9	0.1	SPH	ST	3	2-3% sph within qz-chl band
TL13303	109.8	109.9	0.1	PB	BLB	1	Trace to 1% gn blebs within qz-chl band
TL13303	109.9	123.0	13.1	PO	BLB	1	Trace to 1% po blebs and stringers within qz-chl bands

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13303	21.0	34.4	13.4	FOL	Moderate	62	60-65 deg TCA
TL13303	21.5	21.5	0.1	Fold	Moderate	58	F2 fold, axial plane 58 deg TCA
TL13303	27.2	27.3	0.1	Fold	Moderate	50	F2 fold, axial plane 50 deg TCA
TL13303	30.8	34.4	3.7	FTZ	Moderate	45	Fault zone with abundant fracturing and small rubble piles. fractures often contain unlithified fault gouge, usually ~45 deg x-cutting foliation
TL13303	34.4	37.2	2.8	FOL	Moderate	65	
TL13303	37.2	43.8	6.5	Fold	Strong	30	F2 fold, axial plane 30 deg TCA
TL13303	37.2	43.8	6.5	FOL	Moderate	65	65
TL13303	43.7	43.8	0.1	FTZ	Moderate	60	Micro fault zone with rubble pile and semi-lithified fault gouge
TL13303	43.8	49.6	5.8	FR	Moderate	70	Increased fracturing semi-parallel to foliation
TL13303	43.8	49.6	5.8	FOL	Moderate	67	65-70 deg TCA
TL13303	46.6	46.6	0.1	FTZ	Weak	65	Micro fault with increased fracturing and minor fault gouge, semi-parallel to foliation
TL13303	49.6	56.1	6.5	FOL	Moderate	65	
TL13303	56.1	58.4	2.3	FOL	Moderate	65	
TL13303	58.4	63.7	5.3	FOL	Moderate	67	65-70 deg TCA
TL13303	61.5	63.7	2.2	SHZ	Moderate		Increased shearing around patches of porphyroblasts
TL13303	63.7	68.8	5.1	FOL	Moderate	67	65-70 deg TCA
TL13303	68.8	80.0	11.2	FOL	Moderate	65	
TL13303	68.8	123.0	54.2	FR	Weak	45	Weak fracture set 30-60 deg TCA
TL13303	80.0	100.0	20.0	FOL	Moderate	63	
TL13303	100.0	123.0	23.0	FOL	Moderate	65	60-70 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13303	21.0	34.4	13.4	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13303	21.0	34.4	13.4	SI	Pervasive	Strong	Moderate to strong silicification
TL13303	34.4	37.2	2.8	SI	Pervasive	Strong	Strong to v. strong silicification
TL13303	34.4	37.2	2.8	SR	Patchy	Strong	Semi-pervasive sericite, 85% sr 15% bio, some weak patches up to 20cm
TL13303	36.5	37.2	0.7	CH	Pervasive	Moderate	Weak to moderate chl/fuch? overprinting of v.strong silicified MSS
TL13303	37.2	43.8	6.5	SR	Patchy	Weak	Semi-pervasive sericite, 40% sr 60% bio
TL13303	37.2	43.8	6.5	SI	Pervasive	Moderate	Weak to moderate silicification
TL13303	43.8	49.6	5.8	SI	Pervasive	Moderate	Moderate to strong silicification
TL13303	43.8	49.6	5.8	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio, patches up to 1m of both very strong and weak sr
TL13303	49.6	56.1	6.5	SR	Patchy	Very Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13303	49.6	56.1	6.5	SI	Pervasive	Moderate	Weak to moderate silicification
TL13303	56.1	58.4	2.3	SR	Patchy	Very Strong	Semi-pervasive sericite, 95% sr 5% bio
TL13303	56.1	58.4	2.3	SI	Pervasive	Strong	Moderate to strong silicification
TL13303	56.1	58.4	2.3	CH	Pervasive	Weak	Weak chl/fuch? overprinting of v.strong silicified MSS
TL13303	58.4	63.7	5.3	SI	Pervasive	Weak	Weak silicification
TL13303	58.4	63.7	5.3	SR	Patchy	Weak	Semi-pervasive sericite 20% sr 80% bio
TL13303	63.7	68.8	5.1	SI	Pervasive	Weak	Weak silicification
TL13303	63.7	68.8	5.1	SR	Patchy	Strong	Semi-pervasive sericite, 75% sr 25% bio
TL13303	68.8	114.0	45.2	SR	Patchy	Weak	Semi-pervasive sericite, 25% sr 75% bio
TL13303	68.8	123.0	54.2	SI	Pervasive	Weak	Weak silicification
TL13303	114.0	123.0	9.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13303	21	24	3	3.07	2.42	102.33	80.67	16	
TL13303	24	27	3	3.09	1.74	103	58	32	
TL13303	27	30	3	3.04	1.98	101.33	66	20	
TL13303	30	33	3	3.09	0.83	103	27.67	50	SRPS
TL13303	33	36	3	3.1	1.27	103.33	42.33	39	
TL13303	36	39	3	3.06	1.71	102	57	23	
TL13303	39	42	3	3.05	2.35	101.67	78.33	13	
TL13303	42	45	3	3.04	1.15	101.33	38.33	50	SRPS
TL13303	45	48	3	3.09	1.09	103	36.33	50	SRPS
TL13303	48	51	3	3.07	0.98	102.33	32.67	50	SRPS
TL13303	51	54	3	2.98	2.54	99.33	84.67	14	
TL13303	54	57	3	2.97	2.22	99	74	19	
TL13303	57	60	3	3.02	2.18	100.67	72.67	22	
TL13303	60	63	3	3.03	1.84	101	61.33	27	
TL13303	63	66	3	2.9	1.32	96.67	44	29	
TL13303	66	69	3	3.1	2.52	103.33	84	17	
TL13303	69	72	3	3.07	2.59	102.33	86.33	9	
TL13303	72	75	3	2.95	2.89	98.33	96.33	7	
TL13303	75	78	3	3.02	2.14	100.67	71.33	20	
TL13303	78	81	3	3.01	2.55	100.33	85	15	
TL13303	81	84	3	3	2.48	100	82.67	11	
TL13303	84	87	3	3	2.72	100	90.67	12	
TL13303	87	90	3	3.05	2.96	101.67	98.67	8	
TL13303	90	93	3	2.98	2.98	99.33	99.33	6	
TL13303	93	96	3	2.96	2.7	98.67	90	8	
TL13303	96	99	3	2.99	2.39	99.67	79.67	11	
TL13303	99	102	3	2.96	2.67	98.67	89	6	
TL13303	102	105	3	3.05	2.71	101.67	90.33	11	
TL13303	105	108	3	3.01	2.74	100.33	91.33	6	
TL13303	108	111	3	2.97	2.78	99	92.67	5	
TL13303	111	114	3	2.95	2.58	98.33	86	8	
TL13303	114	117	3	3.02	2.8	100.67	93.33	8	
TL13303	117	120	3	3	2.57	100	85.67	23	
TL13303	120	123	3	2.88	1.94	96	64.67	25	

DETAILED LOG

Hole Number: TL13304

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5512063.53	North:	Collar Az: 0.00
Location: Zealand Township	East: 528102.73	East:	Length: 192.00
	Elev: 395.30	Elev:	Start Depth: 0.00
Date Started: Jan 19, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 20, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 192.00

Comments: Logged by Brian Wolfe

Patent #0134 (34461 Betker Option)

MSS C-Zone from 31.70m-47.63m

This C-Zone MSS is very patchy. This MSS has very strong to moderate patchy sericitic alteration and weak patchy silicification. This unit contains 2% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs, and trace pyrrhotite stringers.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	357.00	-50.00	EZ Sho	OK		27.00	357.50	-49.80	EZ Sho	OK	
54.00	357.70	-48.10	EZ Sho	OK		102.00	356.50	-44.50	EZ Sho	OK	
153.00	358.70	-42.70	EZ Sho	OK		192.00	359.70	-40.80	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	18.75	OB, Overburden									
18.75	31.70	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration and moderate patchy silicification with very weak silica content in light altered patches. This unit is poorly mineralized with 1% disseminated pyrite and 1% pyrite in stringers.	1327442	30.20	31.70	1.50	0.13				
31.70	47.63	MSS, Muscovite Sericite Schist MSS C-Zone from 31.70m-47.63m This C-Zone MSS is very patchy. This MSS has very strong to moderate patchy sericitic alteration and weak patchy silicification. This unit contains 2% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs, and trace pyrrhotite stringers.	1327443	31.70	33.00	1.30	0.44				
			1327444	33.00	34.50	1.50	0.41				
			1327445	34.50	36.00	1.50	0.25				
			1327446	34.50	36.00	1.50	0.22				
			1327447	36.00	37.50	1.50	0.62				
			1327448	37.50	39.00	1.50	0.21				
			1327449	39.00	40.50	1.50	0.17				
			1327451	40.50	42.00	1.50	0.26				
			1327452	42.00	43.50	1.50	0.22				
			1327453	43.50	45.00	1.50	0.28				
			1327454	45.00	46.20	1.20	0.54				
			1327455	46.20	47.60	1.40	1.09				
			1327456	47.60	49.10	1.50	0.17				

DETAILED LOG

Hole Number: TL13304

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
47.63	192.00	BMS, Biotite Muscovite Schist	1327457	49.10	50.60	1.50	0.23				
		This BMS unit has very weak patchy sericitic alteration and a 1.73m wide interval of very strong patchy sericitic alteration. This unit has strong patchy silicification and very weak patchy chloritic alteration. This unit contains 1% disseminated pyrite throughout, 1% pyrite in stringers, trace pyrrhotite blebs, trace pyrrhotite stringers, trace sphalerite stringers, trace galena blebs, and trace chalcopyrite blebs. Between 91.6m-92m there is a qtz-amph vein that has been replaced by 5% semi-massive sphalerite, 5% semi-massive pyrrhotite, and 3% disseminated galena.	1327458	50.60	52.10	1.50	0.43				
			1327459	52.10	53.60	1.50	0.07				
			1327461	53.60	55.10	1.50	0.10				
			1327462	55.10	56.60	1.50	0.16				
			1327463	56.60	58.10	1.50	0.87				
			1327464	58.10	59.60	1.50	0.13				
			1327465	59.60	61.10	1.50	0.03				
			1327466	59.60	61.10	1.50	0.02				
			1327467	61.10	62.60	1.50	0.01				
			1327468	62.60	64.10	1.50	0.01				
			1327469	64.10	65.60	1.50	0.05				
			1327471	65.60	67.10	1.50	0.15				
			1327472	67.10	68.10	1.00	0.63				
			1327473	68.10	69.60	1.50	0.08				
			1327474	90.10	91.60	1.50	0.03				
			1327475	91.60	92.60	1.00	0.33				
			1327476	92.60	94.10	1.50	0.20				
			1327477	110.70	112.20	1.50	0.09				
			1327478	112.20	112.70	0.50	0.37				
			1327479	112.70	114.20	1.50	0.02				
			1327481	127.50	129.00	1.50	0.18				
			1327482	129.00	130.50	1.50	0.02				
			1327483	130.50	132.00	1.50	0.04				
			1327484	132.00	133.50	1.50	0.10				
		1327485	133.50	134.50	1.00	0.10					
		1327486	133.50	134.50	1.00	0.21					
		1327487	134.50	135.50	1.00	0.06					
		1327488	135.50	136.50	1.00	0.23					
		1327489	136.50	137.50	1.00	0.14					
		1327491	137.50	139.00	1.50	0.08					
		1327492	139.00	140.50	1.50	0.06					
		1327493	166.50	168.00	1.50	0.01					
		1327494	168.00	169.50	1.50	0.01					
		1327495	169.50	171.00	1.50	0.01					
		1327496	171.00	172.50	1.50	0.02					
		1327497	172.50	174.00	1.50	0.02					
		1327498	174.00	175.50	1.50	0.02					
		1327499	175.50	177.00	1.50	0.02					
		1368001	177.00	178.50	1.50	0.01					
		1368002	178.50	180.00	1.50	0.01					
		1368003	180.00	181.50	1.50	0.01					
		1368004	181.50	183.00	1.50	0.02					

Hole Number: TL13304

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
			1368006	183.00	184.50	1.50	0.02				
			1368005	183.00	184.50	1.50	0.02				
			1368007	184.50	186.00	1.50	0.01				
			1368008	186.00	187.50	1.50	0.02				
			1368009	187.50	189.00	1.50	0.01				
			1368011	189.00	190.50	1.50	0.01				
			1368012	190.50	192.00	1.50	0.01				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327442	30.20	31.70	0.1290				
1327443	31.70	33.00	0.4400				
1327444	33.00	34.50	0.4100				
1327445	34.50	36.00	0.2490				
1327447	36.00	37.50	0.6220				
1327448	37.50	39.00	0.2130				
1327449	39.00	40.50	0.1700				
1327451	40.50	42.00	0.2570				
1327452	42.00	43.50	0.2190				
1327453	43.50	45.00	0.2830				
1327454	45.00	46.20	0.5410				
1327455	46.20	47.60	1.0850				
1327456	47.60	49.10	0.1740				
1327457	49.10	50.60	0.2250				
1327458	50.60	52.10	0.4280				
1327459	52.10	53.60	0.0720				
1327461	53.60	55.10	0.1040				
1327462	55.10	56.60	0.1570				
1327463	56.60	58.10	0.8720				
1327464	58.10	59.60	0.1260				
1327465	59.60	61.10	0.0250				
1327467	61.10	62.60	0.0130				
1327468	62.60	64.10	0.0110				
1327469	64.10	65.60	0.0530				
1327471	65.60	67.10	0.1500				
1327472	67.10	68.10	0.6330				
1327473	68.10	69.60	0.0780				
1327474	90.10	91.60	0.0260				
1327475	91.60	92.60	0.3290				

Hole Number: TL13304

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327476	92.60	94.10	0.2030				
1327477	110.70	112.20	0.0930				
1327478	112.20	112.70	0.3700				
1327479	112.70	114.20	0.0240				
1327481	127.50	129.00	0.1810				
1327482	129.00	130.50	0.0240				
1327483	130.50	132.00	0.0380				
1327484	132.00	133.50	0.1000				
1327485	133.50	134.50	0.0950				
1327487	134.50	135.50	0.0570				
1327488	135.50	136.50	0.2270				
1327489	136.50	137.50	0.1360				
1327491	137.50	139.00	0.0800				
1327492	139.00	140.50	0.0610				
1327493	166.50	168.00	0.0090				
1327494	168.00	169.50	0.0070				
1327495	169.50	171.00	0.0110				
1327496	171.00	172.50	0.0170				
1327497	172.50	174.00	0.0170				
1327498	174.00	175.50	0.0240				
1327499	175.50	177.00	0.0180				
1368001	177.00	178.50	0.0080				
1368002	178.50	180.00	0.0050				
1368003	180.00	181.50	0.0060				
1368004	181.50	183.00	0.0180				
1368005	183.00	184.50	0.0170				
1368007	184.50	186.00	0.0100				
1368008	186.00	187.50	0.0160				
1368009	187.50	189.00	0.0090				
1368011	189.00	190.50	0.0060				
1368012	190.50	192.00	0.0120				
Sample Type	CDUP						
1327446	34.50	36.00	0.2230				
1327466	59.60	61.10	0.0230				
1327486	133.50	134.50	0.2090				
1368006	183.00	184.50	0.0170				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13304	30.2	31.7	1327442	2.00	6.94	45.00	340.00	2.00	28.00	1.80	2.00	21.00	142.00	38.00	3.44	0.67	28.00	1.33	660.00
TL13304	31.7	33.0	1327443	2.00	7.22	113.00	386.00	2.00	20.00	1.27	2.00	18.00	140.00	42.00	2.81	0.67	22.00	0.63	246.00
TL13304	33.0	34.5	1327444	2.00	6.97	94.00	356.00	2.00	20.00	1.92	2.00	18.00	136.00	37.00	2.68	0.63	19.00	0.61	350.00
TL13304	34.5	36.0	1327445	2.00	8.62	44.00	420.00	2.00	31.00	2.12	2.00	17.00	173.00	31.00	3.32	0.61	27.00	1.48	457.00
TL13304	34.5	36.0	1327446	2.00	7.60	47.00	391.00	1.00	29.00	1.64	2.00	17.00	138.00	29.00	3.09	0.61	25.00	1.33	391.00
TL13304	36.0	37.5	1327447	1.00	6.51	27.00	371.00	2.00	37.00	0.74	2.00	15.00	128.00	25.00	2.36	0.69	22.00	0.95	323.00
TL13304	37.5	39.0	1327448	2.00	7.16	66.00	413.00	2.00	29.00	1.07	2.00	17.00	161.00	31.00	3.16	0.70	26.00	1.34	511.00
TL13304	39.0	40.5	1327449	2.00	6.24	89.00	347.00	2.00	28.00	1.82	2.00	17.00	117.00	21.00	2.94	0.73	23.00	1.08	491.00
TL13304	40.5	42.0	1327451	4.00	6.98	69.00	487.00	1.00	31.00	1.95	2.00	13.00	108.00	38.00	2.48	0.89	28.00	0.88	435.00
TL13304	42.0	43.5	1327452	2.00	6.74	90.00	480.00	1.00	35.00	1.04	2.00	12.00	96.00	21.00	2.16	0.68	22.00	0.35	157.00
TL13304	43.5	45.0	1327453	1.00	6.51	73.00	417.00	1.00	31.00	1.57	2.00	6.00	59.00	25.00	1.76	0.72	22.00	0.72	417.00
TL13304	45.0	46.2	1327454	3.00	6.41	103.00	407.00	1.00	24.00	1.34	2.00	12.00	133.00	32.00	3.00	0.74	23.00	0.60	316.00
TL13304	46.2	47.6	1327455	8.00	5.08	82.00	374.00	1.00	36.00	0.65	8.00	9.00	86.00	168.00	2.05	0.70	17.00	0.19	101.00
TL13304	47.6	49.1	1327456	2.00	8.14	52.00	427.00	2.00	44.00	2.68	2.00	11.00	79.00	32.00	2.21	0.64	28.00	1.29	721.00
TL13304	49.1	50.6	1327457	2.00	6.79	45.00	403.00	2.00	24.00	1.26	2.00	18.00	133.00	37.00	3.16	0.61	28.00	1.21	479.00
TL13304	50.6	52.1	1327458	1.00	7.53	44.00	426.00	2.00	38.00	1.61	2.00	18.00	134.00	22.00	3.03	0.65	28.00	1.08	425.00
TL13304	52.1	53.6	1327459	1.00	7.74	39.00	459.00	1.00	33.00	2.27	2.00	10.00	74.00	11.00	2.06	0.66	27.00	0.98	436.00
TL13304	53.6	55.1	1327461	2.00	6.73	61.00	370.00	2.00	43.00	1.65	2.00	17.00	131.00	32.00	3.16	0.74	26.00	1.27	518.00
TL13304	55.1	56.6	1327462	2.00	6.44	63.00	385.00	2.00	20.00	1.89	2.00	10.00	81.00	49.00	2.28	0.69	21.00	0.82	582.00
TL13304	56.6	58.1	1327463	4.00	6.59	58.00	480.00	2.00	40.00	1.39	2.00	6.00	36.00	68.00	1.68	0.70	24.00	0.55	343.00
TL13304	58.1	59.6	1327464	1.00	6.75	45.00	455.00	2.00	17.00	1.78	2.00	5.00	50.00	93.00	1.38	0.70	24.00	0.71	368.00
TL13304	59.6	61.1	1327466	1.00	8.61	44.00	622.00	2.00	38.00	3.27	2.00	7.00	43.00	13.00	1.77	1.50	29.00	1.34	680.00
TL13304	59.6	61.1	1327465	0.50	6.90	30.00	485.00	1.00	25.00	2.60	2.00	7.00	48.00	16.00	1.54	0.64	23.00	1.12	570.00
TL13304	61.1	62.6	1327467	0.50	7.19	24.00	427.00	2.00	14.00	2.45	2.00	9.00	34.00	9.00	1.84	1.71	26.00	1.34	591.00
TL13304	62.6	64.1	1327468	1.00	8.57	24.00	535.00	2.00	10.00	3.21	2.00	9.00	62.00	5.00	2.10	2.09	29.00	1.42	640.00
TL13304	64.1	65.6	1327469	2.00	8.46	29.00	450.00	2.00	29.00	2.60	2.00	18.00	147.00	31.00	3.31	1.61	31.00	1.38	579.00
TL13304	65.6	67.1	1327471	1.00	6.82	62.00	482.00	2.00	37.00	2.00	2.00	19.00	149.00	40.00	3.47	1.49	26.00	1.41	577.00
TL13304	67.1	68.1	1327472	2.00	6.15	130.00	398.00	1.00	15.00	0.97	5.00	19.00	138.00	54.00	3.11	1.71	21.00	0.45	195.00
TL13304	68.1	69.6	1327473	1.00	7.70	34.00	398.00	3.00	26.00	2.52	8.00	19.00	156.00	58.00	3.18	1.68	28.00	1.29	638.00
TL13304	90.1	91.6	1327474	1.00	7.84	28.00	807.00	2.00	44.00	3.55	2.00	8.00	43.00	70.00	2.12	1.61	28.00	1.40	653.00
TL13304	91.6	92.6	1327475	10.00	6.09	11.00	531.00	2.00	42.00	3.70	63.00	3.00	40.00	468.00	4.85	0.91	22.00	1.73	1172.00
TL13304	92.6	94.1	1327476	1.00	5.95	20.00	431.00	1.00	19.00	2.08	4.00	7.00	45.00	60.00	1.99	0.92	26.00	1.12	590.00
TL13304	110.7	112.2	1327477	1.00	7.21	15.00	401.00	2.00	34.00	1.84	2.00	17.00	162.00	49.00	3.27	0.93	36.00	1.13	495.00
TL13304	112.2	112.7	1327478	2.00	6.62	76.00	483.00	2.00	22.00	1.23	17.00	19.00	164.00	159.00	3.49	0.95	27.00	0.59	284.00
TL13304	112.7	114.2	1327479	0.50	6.22	18.00	404.00	2.00	39.00	1.43	2.00	17.00	151.00	51.00	3.23	0.81	35.00	1.23	416.00
TL13304	127.5	129.0	1327481	1.00	6.92	54.00	537.00	1.00	36.00	1.42	2.00	6.00	44.00	8.00	1.46	0.89	26.00	0.38	291.00
TL13304	129.0	130.5	1327482	0.50	5.15	16.00	454.00	1.00	5.00	1.29	2.00	6.00	44.00	8.00	1.34	0.95	26.00	0.45	425.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13304	30.2	31.7	1327442	8.00	100.00	455.00	41.00	1.81	7.00	2.50	5.00	61.00	1536.00	11.00	67.00	5.00	7.00	79.00
TL13304	31.7	33.0	1327443	11.00	101.00	473.00	52.00	2.45	6.00	15.00	5.00	60.00	1009.00	9.00	66.00	5.00	6.00	131.00
TL13304	33.0	34.5	1327444	11.00	100.00	467.00	95.00	2.61	6.00	11.00	5.00	62.00	872.00	8.00	64.00	10.00	5.00	369.00
TL13304	34.5	36.0	1327445	15.00	143.00	463.00	86.00	1.92	5.00	14.00	5.00	86.00	1286.00	9.00	73.00	10.00	7.00	281.00
TL13304	34.5	36.0	1327446	12.00	111.00	405.00	71.00	1.97	6.00	7.00	5.00	70.00	1210.00	14.00	64.00	13.00	6.00	436.00
TL13304	36.0	37.5	1327447	10.00	105.00	419.00	64.00	1.12	2.50	8.00	5.00	45.00	1177.00	14.00	59.00	10.00	5.00	229.00
TL13304	37.5	39.0	1327448	12.00	133.00	488.00	51.00	1.62	6.00	9.00	5.00	56.00	1568.00	10.00	63.00	5.00	7.00	94.00
TL13304	39.0	40.5	1327449	7.00	79.00	402.00	46.00	2.31	2.50	12.00	5.00	81.00	1271.00	9.00	52.00	5.00	7.00	101.00
TL13304	40.5	42.0	1327451	13.00	100.00	416.00	162.00	1.58	9.00	9.00	5.00	68.00	1552.00	11.00	67.00	11.00	7.00	358.00
TL13304	42.0	43.5	1327452	13.00	99.00	388.00	140.00	1.93	5.00	2.50	5.00	49.00	1238.00	7.00	43.00	11.00	4.00	260.00
TL13304	43.5	45.0	1327453	11.00	89.00	399.00	56.00	1.20	5.00	2.50	5.00	66.00	1067.00	9.00	28.00	5.00	3.00	125.00
TL13304	45.0	46.2	1327454	14.00	120.00	366.00	220.00	2.82	7.00	14.00	5.00	58.00	1118.00	14.00	44.00	16.00	6.00	629.00
TL13304	46.2	47.6	1327455	15.00	101.00	335.00	960.00	2.02	5.00	10.00	5.00	31.00	962.00	6.00	32.00	23.00	4.00	1756.00
TL13304	47.6	49.1	1327456	9.00	83.00	454.00	54.00	1.02	5.00	12.00	5.00	99.00	1345.00	5.00	41.00	5.00	5.00	107.00
TL13304	49.1	50.6	1327457	8.00	92.00	422.00	70.00	1.49	7.00	12.00	5.00	54.00	1760.00	6.00	62.00	5.00	8.00	220.00
TL13304	50.6	52.1	1327458	10.00	90.00	408.00	50.00	1.63	5.00	9.00	5.00	67.00	1689.00	14.00	65.00	10.00	8.00	87.00
TL13304	52.1	53.6	1327459	7.00	69.00	394.00	39.00	1.23	2.50	5.00	5.00	88.00	1263.00	5.00	37.00	5.00	5.00	73.00
TL13304	53.6	55.1	1327461	8.00	92.00	427.00	42.00	1.53	10.00	5.00	5.00	67.00	1683.00	10.00	56.00	5.00	9.00	80.00
TL13304	55.1	56.6	1327462	11.00	94.00	419.00	109.00	1.41	6.00	7.00	5.00	68.00	1323.00	15.00	35.00	10.00	5.00	359.00
TL13304	56.6	58.1	1327463	11.00	46.00	377.00	588.00	1.42	2.50	12.00	5.00	55.00	1222.00	5.00	26.00	14.00	3.00	155.00
TL13304	58.1	59.6	1327464	9.00	65.00	409.00	64.00	0.92	7.00	11.00	5.00	75.00	1243.00	12.00	27.00	5.00	3.00	209.00
TL13304	59.6	61.1	1327466	7.00	57.00	458.00	44.00	0.82	2.50	21.00	5.00	114.00	1356.00	4.00	32.00	5.00	4.00	48.00
TL13304	59.6	61.1	1327465	8.00	72.00	403.00	37.00	0.63	2.50	16.00	5.00	91.00	1153.00	7.00	28.00	5.00	4.00	40.00
TL13304	61.1	62.6	1327467	4.00	44.00	460.00	35.00	0.79	2.50	27.00	5.00	110.00	1441.00	12.00	33.00	5.00	4.00	225.00
TL13304	62.6	64.1	1327468	8.00	69.00	549.00	32.00	0.75	2.50	25.00	5.00	121.00	1509.00	11.00	38.00	5.00	5.00	59.00
TL13304	64.1	65.6	1327469	11.00	109.00	542.00	38.00	1.20	2.50	14.00	5.00	120.00	1895.00	11.00	65.00	5.00	10.00	83.00
TL13304	65.6	67.1	1327471	9.00	105.00	572.00	91.00	1.85	2.50	19.00	5.00	87.00	1693.00	9.00	69.00	5.00	12.00	116.00
TL13304	67.1	68.1	1327472	11.00	122.00	460.00	227.00	2.93	5.00	7.00	5.00	51.00	1505.00	4.00	66.00	15.00	8.00	1059.00
TL13304	68.1	69.6	1327473	9.00	103.00	567.00	67.00	1.51	5.00	11.00	5.00	96.00	1740.00	7.00	69.00	21.00	11.00	1532.00
TL13304	90.1	91.6	1327474	7.00	54.00	471.00	61.00	0.93	2.50	10.00	5.00	163.00	1479.00	19.00	32.00	17.00	3.00	195.00
TL13304	91.6	92.6	1327475	9.00	55.00	337.00	9257.00	3.86	2.50	8.00	5.00	148.00	1182.00	8.00	28.00	221.00	3.00	27226.00
TL13304	92.6	94.1	1327476	10.00	67.00	416.00	229.00	0.80	9.00	8.00	5.00	107.00	1266.00	11.00	28.00	15.00	3.00	857.00
TL13304	110.7	112.2	1327477	12.00	131.00	459.00	55.00	0.76	8.00	2.50	5.00	112.00	1820.00	4.00	68.00	5.00	8.00	107.00
TL13304	112.2	112.7	1327478	17.00	143.00	419.00	168.00	2.80	8.00	9.00	5.00	87.00	1154.00	12.00	69.00	47.00	5.00	3574.00
TL13304	112.7	114.2	1327479	12.00	125.00	421.00	25.00	0.47	2.50	8.00	5.00	84.00	1782.00	4.00	70.00	5.00	6.00	85.00
TL13304	127.5	129.0	1327481	10.00	62.00	289.00	67.00	1.11	5.00	11.00	5.00	109.00	1152.00	8.00	24.00	13.00	2.00	630.00
TL13304	129.0	130.5	1327482	10.00	72.00	308.00	29.00	0.43	2.50	17.00	5.00	83.00	1113.00	12.00	25.00	5.00	2.00	72.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13304	130.5	132.0	1327483	0.50	6.12	33.00	422.00	1.00	12.00	2.12	2.00	5.00	52.00	5.00	1.54	1.29	26.00	0.71	589.00
TL13304	132.0	133.5	1327484	0.50	5.55	23.00	377.00	1.00	24.00	1.64	2.00	5.00	50.00	7.00	1.35	0.95	25.00	0.42	336.00
TL13304	133.5	134.5	1327485	0.50	5.53	20.00	382.00	1.00	39.00	1.30	2.00	5.00	39.00	8.00	1.23	0.95	24.00	0.35	273.00
TL13304	133.5	134.5	1327486	0.50	4.94	24.00	357.00	1.00	34.00	1.15	2.00	5.00	58.00	10.00	1.33	0.89	22.00	0.34	281.00
TL13304	134.5	135.5	1327487	0.50	4.81	23.00	360.00	1.00	37.00	1.21	2.00	6.00	61.00	17.00	1.50	0.88	23.00	0.51	364.00
TL13304	135.5	136.5	1327488	3.00	3.66	37.00	328.00	1.00	48.00	0.42	4.00	5.00	47.00	64.00	1.32	0.86	20.00	0.23	143.00
TL13304	136.5	137.5	1327489	1.00	8.04	48.00	575.00	1.00	24.00	1.17	2.00	6.00	43.00	34.00	1.37	0.85	33.00	0.31	149.00
TL13304	137.5	139.0	1327491	2.00	7.90	31.00	540.00	2.00	24.00	1.99	2.00	14.00	125.00	40.00	2.81	0.80	34.00	0.96	489.00
TL13304	139.0	140.5	1327492	2.00	8.54	18.00	553.00	2.00	24.00	1.84	2.00	20.00	150.00	43.00	3.30	0.87	37.00	1.06	542.00
TL13304	166.5	168.0	1327493	0.50	5.54	13.00	439.00	1.00	21.00	2.00	2.00	9.00	78.00	2.00	1.77	0.84	22.00	0.98	425.00
TL13304	168.0	169.5	1327494	0.50	6.56	12.00	463.00	1.00	25.00	2.53	2.00	9.00	68.00	0.50	1.76	0.91	23.00	1.06	445.00
TL13304	169.5	171.0	1327495	0.50	6.55	16.00	466.00	1.00	36.00	2.48	2.00	9.00	70.00	0.50	1.84	0.86	25.00	1.05	436.00
TL13304	171.0	172.5	1327496	0.50	7.25	11.00	492.00	1.00	13.00	2.50	2.00	9.00	63.00	3.00	1.78	0.88	29.00	0.95	495.00
TL13304	172.5	174.0	1327497	0.50	7.03	16.00	676.00	1.00	30.00	2.26	2.00	9.00	82.00	4.00	1.79	0.85	28.00	0.82	437.00
TL13304	174.0	175.5	1327498	0.50	5.02	15.00	455.00	1.00	15.00	1.80	2.00	10.00	82.00	1.00	1.83	0.78	22.00	0.83	435.00
TL13304	175.5	177.0	1327499	0.50	5.72	15.00	425.00	1.00	24.00	1.99	2.00	10.00	58.00	7.00	1.65	0.74	24.00	0.81	381.00
TL13304	177.0	178.5	1368001	0.50	6.21	6.00	481.00	1.00	29.00	2.24	2.00	10.00	87.00	9.00	1.89	0.76	26.00	0.95	489.00
TL13304	178.5	180.0	1368002	0.50	6.27	16.00	610.00	1.00	70.00	2.33	2.00	10.00	89.00	0.50	1.96	0.83	26.00	1.06	380.00
TL13304	180.0	181.5	1368003	0.50	5.84	18.00	452.00	1.00	30.00	1.71	2.00	5.00	57.00	9.00	1.42	0.82	26.00	0.74	542.00
TL13304	181.5	183.0	1368004	0.50	5.47	17.00	435.00	1.00	43.00	1.31	2.00	3.00	72.00	36.00	1.14	0.68	23.00	0.38	281.00
TL13304	183.0	184.5	1368006	0.50	5.73	24.00	420.00	1.00	33.00	1.39	2.00	4.00	38.00	0.50	0.93	0.76	23.00	0.29	275.00
TL13304	183.0	184.5	1368005	0.50	5.46	19.00	402.00	1.00	30.00	1.43	2.00	4.00	90.00	4.00	1.34	0.66	24.00	0.33	337.00
TL13304	184.5	186.0	1368007	0.50	6.52	12.00	471.00	1.00	26.00	1.66	2.00	5.00	16.00	11.00	1.03	0.76	26.00	0.47	406.00
TL13304	186.0	187.5	1368008	0.50	6.47	26.00	430.00	1.00	25.00	1.69	2.00	2.00	20.00	0.50	0.91	0.72	25.00	0.58	502.00
TL13304	187.5	189.0	1368009	0.50	6.48	13.00	410.00	1.00	37.00	1.71	2.00	5.00	25.00	0.50	0.96	0.85	23.00	0.44	432.00
TL13304	189.0	190.5	1368011	0.50	6.21	10.00	318.00	2.00	21.00	1.61	2.00	6.00	36.00	6.00	1.36	0.77	22.00	0.84	603.00
TL13304	190.5	192.0	1368012	0.50	6.59	15.00	524.00	2.00	32.00	1.63	2.00	17.00	108.00	35.00	3.12	0.73	30.00	1.07	705.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13304	130.5	132.0	1327483	12.00	84.00	329.00	30.00	0.54	6.00	8.00	5.00	112.00	1133.00	11.00	30.00	5.00	3.00	200.00
TL13304	132.0	133.5	1327484	11.00	82.00	342.00	20.00	0.50	2.50	12.00	5.00	102.00	1153.00	11.00	24.00	5.00	3.00	53.00
TL13304	133.5	134.5	1327485	9.00	61.00	318.00	41.00	0.57	2.50	10.00	5.00	100.00	1065.00	6.00	23.00	5.00	2.00	116.00
TL13304	133.5	134.5	1327486	13.00	100.00	315.00	38.00	0.54	2.50	8.00	5.00	90.00	1008.00	6.00	24.00	5.00	2.00	156.00
TL13304	134.5	135.5	1327487	14.00	108.00	289.00	52.00	0.59	6.00	11.00	5.00	105.00	941.00	10.00	25.00	5.00	2.00	85.00
TL13304	135.5	136.5	1327488	11.00	81.00	285.00	1117.00	1.03	6.00	21.00	5.00	41.00	786.00	7.00	17.00	18.00	2.00	1207.00
TL13304	136.5	137.5	1327489	12.00	64.00	312.00	38.00	1.02	2.50	2.50	5.00	106.00	1344.00	8.00	27.00	10.00	1.00	257.00
TL13304	137.5	139.0	1327491	9.00	87.00	405.00	30.00	1.13	5.00	7.00	5.00	124.00	1885.00	8.00	58.00	5.00	8.00	78.00
TL13304	139.0	140.5	1327492	11.00	104.00	457.00	35.00	1.42	5.00	2.50	5.00	113.00	2069.00	13.00	76.00	5.00	9.00	81.00
TL13304	166.5	168.0	1327493	13.00	107.00	419.00	16.00	0.47	2.50	12.00	5.00	91.00	1522.00	14.00	36.00	5.00	3.00	42.00
TL13304	168.0	169.5	1327494	9.00	84.00	444.00	13.00	0.47	5.00	2.50	5.00	114.00	1591.00	12.00	39.00	5.00	3.00	68.00
TL13304	169.5	171.0	1327495	9.00	86.00	461.00	13.00	0.54	5.00	17.00	5.00	126.00	1739.00	11.00	40.00	5.00	3.00	66.00
TL13304	171.0	172.5	1327496	7.00	73.00	447.00	18.00	0.66	2.50	8.00	5.00	135.00	1665.00	8.00	38.00	5.00	3.00	222.00
TL13304	172.5	174.0	1327497	13.00	117.00	449.00	23.00	0.71	2.50	8.00	5.00	133.00	1647.00	10.00	38.00	5.00	3.00	59.00
TL13304	174.0	175.5	1327498	12.00	117.00	415.00	15.00	0.63	2.50	9.00	5.00	99.00	1543.00	12.00	37.00	5.00	3.00	132.00
TL13304	175.5	177.0	1327499	6.00	72.00	575.00	10.00	0.53	2.50	8.00	5.00	117.00	1643.00	13.00	36.00	5.00	3.00	156.00
TL13304	177.0	178.5	1368001	15.00	125.00	451.00	10.00	0.52	2.50	9.00	5.00	134.00	1600.00	13.00	40.00	5.00	3.00	96.00
TL13304	178.5	180.0	1368002	15.00	127.00	489.00	16.00	0.50	2.50	13.00	5.00	145.00	1657.00	3.00	41.00	5.00	3.00	39.00
TL13304	180.0	181.5	1368003	12.00	89.00	710.00	16.00	0.46	7.00	14.00	5.00	125.00	1252.00	13.00	23.00	11.00	2.00	45.00
TL13304	181.5	183.0	1368004	14.00	99.00	191.00	17.00	0.55	7.00	5.00	5.00	92.00	743.00	7.00	16.00	5.00	1.00	973.00
TL13304	183.0	184.5	1368006	9.00	65.00	184.00	10.00	0.43	2.50	11.00	5.00	142.00	754.00	1.00	15.00	5.00	1.00	44.00
TL13304	183.0	184.5	1368005	23.00	161.00	187.00	18.00	0.50	9.00	9.00	5.00	130.00	752.00	3.00	18.00	11.00	1.00	262.00
TL13304	184.5	186.0	1368007	4.00	20.00	216.00	14.00	0.56	2.50	15.00	5.00	151.00	764.00	11.00	17.00	11.00	2.00	276.00
TL13304	186.0	187.5	1368008	5.00	32.00	195.00	16.00	0.48	2.50	11.00	5.00	128.00	757.00	10.00	14.00	5.00	1.00	30.00
TL13304	187.5	189.0	1368009	7.00	39.00	220.00	19.00	0.44	2.50	20.00	5.00	143.00	736.00	13.00	15.00	5.00	1.00	32.00
TL13304	189.0	190.5	1368011	6.00	46.00	277.00	21.00	0.44	2.50	16.00	5.00	142.00	1044.00	6.00	23.00	5.00	4.00	70.00
TL13304	190.5	192.0	1368012	6.00	73.00	442.00	26.00	0.70	2.50	6.00	5.00	141.00	2006.00	9.00	66.00	5.00	10.00	79.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13304	18.8	31.7	13.0	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13304	18.8	31.7	13.0	PY	DISS	1	1% disseminated py throughout the interval
TL13304	31.7	47.6	15.9	PY	ST	2	2% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL13304	31.7	47.6	15.9	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13304	31.7	47.6	15.9	PO	ST	0.1	Trace po in 1-4mm wide stringers oriented semi-parallel to foliation
TL13304	31.7	47.6	15.9	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13304	31.7	47.6	15.9	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy in qtz veins
TL13304	31.7	47.6	15.9	PY	DISS	2	2% disseminated py throughout the interval
TL13304	47.6	192.0	144.4	PO	BLB	0.1	Trace po blebs in and along margins of qtz/qtz-amph veins
TL13304	47.6	192.0	144.4	PO	ST	0.1	Trace po in 1-4mm wide stringers oriented semi-parallel to foliation
TL13304	47.6	192.0	144.4	CP	BLB	0.1	Trace cpy blebs associated w/ po mineralization
TL13304	47.6	192.0	144.4	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13304	47.6	192.0	144.4	PB	BLB	0.1	Trace gal blebs found associated w/ sph mineralization
TL13304	47.6	192.0	144.4	PY	ST	1	1% py in 1-6mm wide stringers oriented semi-parallel to foliation, rare blebs along margins of qtz veins
TL13304	47.6	192.0	144.4	PY	DISS	1	1% disseminated py throughout the interval
TL13304	91.6	92.0	0.4	SPH	SMASS	5	5% semi-mass sph in qtz-amph veins found w/ gal and po
TL13304	91.6	92.0	0.4	PB	DISS	3	3% disseminated gal associated w/ sph, po and cpy
TL13304	91.6	92.0	0.4	PO	SMASS	5	5% semi-mass po replacing qtz-amph vein

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13304	18.8	31.7	13.0	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13304	18.8	31.7	13.0	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13304	31.7	36.7	5.0	FTZ	Strong	55	Strong fault zone oriented parallel to foliation infilled w/ qtz and gouge minerals
TL13304	31.7	46.2	14.5	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13304	31.7	47.6	15.9	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13304	40.1	43.7	3.6	FTZ	Strong	55	Strong fault zone oriented parallel to foliation infilled w/ qtz and gouge
TL13304	46.2	47.6	1.4	FOL	Moderate	50	Moderate foliation at 50 deg TCA
TL13304	47.6	73.5	25.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13304	47.6	192.0	144.4	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13304	47.6	192.0	144.4	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13304	47.6	192.0	144.4	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13304	52.0	52.2	0.2	Fold	Weak	50	Weak F2 folding oriented at 50 deg TCA
TL13304	73.5	106.0	32.5	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13304	101.2	101.3	0.1	Fold	Very Weak	55	V. weak F2 folding oriented at 55 deg TCA
TL13304	106.0	127.0	21.0	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13304	127.0	138.0	11.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13304	138.0	162.9	24.9	FOL	Weak	60	Weak foliation at 60 deg TCA
TL13304	150.0	150.3	0.3	Fold	Very Weak	45	V. weak F2 folding oriented at 45 deg TCA
TL13304	162.9	192.0	29.1	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13304	190.8	190.9	0.2	Fold	Moderate	55	Moderate F2 folding oriented at 55 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13304	18.8	31.7	13.0	SI	Patchy	Moderate	Moderate patchy sil alt, but very weak in light patches
TL13304	18.8	31.7	13.0	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13304	31.7	35.0	3.3	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13304	31.7	47.6	15.9	SI	Patchy	Weak	Weak patchy silicification
TL13304	35.0	39.7	4.8	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13304	39.7	47.6	7.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13304	47.6	56.4	8.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13304	47.6	115.4	67.8	SI	Patchy	Strong	Strong patchy sil alt
TL13304	56.4	59.7	3.3	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13304	59.7	66.5	6.8	SR	Patchy	Very Weak	V. weak to weak and patchy ser alt, 20% ser to 80% bio
TL13304	66.5	68.2	1.7	SR	Patchy	Very Strong	V. Strong patchy ser alt, 90% ser to 10% bio
TL13304	66.5	68.2	1.7	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13304	68.2	115.4	47.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13304	115.4	127.4	12.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 2-5% ser to 95-98% bio
TL13304	115.4	138.0	22.6	SI	Pervasive	Very Strong	V. strong pervasive sil alt
TL13304	127.4	135.5	8.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13304	135.5	138.0	2.5	SR	Patchy	Very Strong	V. Strong patchy ser alt 90% ser to 10% bio
TL13304	138.0	158.0	20.0	SI	Patchy	Strong	Strong patchy silicification
TL13304	138.0	166.5	28.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 2-5% ser to 95-98% bio
TL13304	158.0	192.0	34.0	SI	Pervasive	Very Strong	V. strong pervasive silicification
TL13304	166.5	192.0	25.5	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13304	21	24	3	2.99	2.56	99.67	85.33	13	
TL13304	24	27	3	2.99	1.25	99.67	41.67	41	SRP
TL13304	27	30	3	2.98	2.36	99.33	78.67	16	
TL13304	30	33	3	2.95	1.16	98.33	38.67	50	SRP
TL13304	33	36	3	3.11	1.29	103.67	43	50	SRP
TL13304	36	39	3	3.02	1.39	100.67	46.33	50	SRP
TL13304	39	42	3	2.98	0.98	99.33	32.67	50	SRP
TL13304	42	45	3	3.08	0.72	102.67	24	50	SRP
TL13304	45	48	3	3.07	1.97	102.33	65.67	31	
TL13304	48	51	3	3.04	1.66	101.33	55.33	35	
TL13304	51	54	3	3.02	1.89	100.67	63	32	
TL13304	54	57	3	2.98	1.2	99.33	40	35	
TL13304	57	60	3	3.02	1.72	100.67	57.33	50	SRP
TL13304	60	63	3	2.94	1.8	98	60	17	
TL13304	63	66	3	3.06	2.31	102	77	18	
TL13304	66	69	3	3.08	2.33	102.67	77.67	13	
TL13304	69	72	3	3.01	1.94	100.33	64.67	21	
TL13304	72	75	3	3.03	2.41	101	80.33	16	
TL13304	75	78	3	3.01	2.88	100.33	96	12	
TL13304	78	81	3	3.02	2.95	100.67	98.33	10	
TL13304	81	84	3	2.99	2.28	99.67	76	10	
TL13304	84	87	3	2.98	2.78	99.33	92.67	4	
TL13304	87	90	3	3.01	2.88	100.33	96	5	
TL13304	90	93	3	3.03	2.66	101	88.67	10	
TL13304	93	96	3	3.06	2.68	102	89.33	9	
TL13304	96	99	3	2.98	2.87	99.33	95.67	7	
TL13304	99	102	3	2.96	2.77	98.67	92.33	5	
TL13304	102	105	3	3.05	2.54	101.67	84.67	15	
TL13304	105	108	3	2.97	2.68	99	89.33	7	
TL13304	108	111	3	2.97	2.77	99	92.33	9	
TL13304	111	114	3	3.05	2.47	101.67	82.33	14	
TL13304	114	117	3	3.09	2.68	103	89.33	10	
TL13304	117	120	3	2.97	2.82	99	94	7	
TL13304	120	123	3	2.98	2.31	99.33	77	14	
TL13304	123	126	3	3	2.94	100	98	12	
TL13304	126	129	3	2.81	2.45	93.67	81.67	18	
TL13304	129	132	3	3.05	2.93	101.67	97.67	9	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13304	132	135	3	2.92	2.88	97.33	96	2	
TL13304	135	138	3	2.97	2.89	99	96.33	8	
TL13304	138	141	3	2.97	1.38	99	46	25	
TL13304	141	144	3	2.94	2.5	98	83.33	20	
TL13304	144	147	3	2.93	2.55	97.67	85	7	
TL13304	147	150	3	3.03	2.86	101	95.33	9	
TL13304	150	153	3	2.98	2.81	99.33	93.67	8	
TL13304	153	156	3	3.02	2.97	100.67	99	7	
TL13304	156	159	3	2.9	2.59	96.67	86.33	9	
TL13304	159	162	3	3	2.81	100	93.67	13	
TL13304	162	165	3	2.92	2.92	97.33	97.33	7	
TL13304	165	168	3	3.02	2.89	100.67	96.33	10	
TL13304	168	171	3	3.04	3.04	101.33	101.33	7	
TL13304	171	174	3	2.95	2.8	98.33	93.33	5	
TL13304	174	177	3	3.05	2.5	101.67	83.33	12	
TL13304	177	180	3	2.92	2.86	97.33	95.33	5	
TL13304	180	183	3	3.02	2.76	100.67	92	10	
TL13304	183	186	3	2.99	2.68	99.67	89.33	9	
TL13304	186	189	3	2.9	2.9	96.67	96.67	4	
TL13304	189	192	3	3	2.22	100	74	14	EOH

Hole Number: TL13305

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512054.46	North:	Collar Az: 0.00
Location: Zealand Township	East: 528052.43	East:	Length: 105.00
	Elev: 395.22	Elev:	Start Depth: 0.00
Date Started: Jan 20, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 21, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 105.00

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

MSS C-Zone 33.4m-47.20m

This C-Zone MSS has very strongpatchy sericitic alteration with a weak patch between 39.55m-41.19m. The silicification in this unit is weak and patchy throughout. This unit is poorly mineralized with 2% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, very trace amounts of galena in blebs, and trace pyrrhotite blebs.

Pulled 48.7-56m for infill sampling program, April 2015.

BMS with occasional py stringers. Strong patch of sr from 55.5-55.7m with increased py blebs and minor sph stringers

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	357.00	-49.00	EZ Sho	OK		33.00	357.30	-48.40	EZ Sho	OK	
54.00	356.60	-47.40	EZ Sho	OK		105.00	359.00	-45.00	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	26.26	OB, Overburden									
26.26	33.40	BMS, Biotite Muscovite Schist	1368013	26.37	27.50	1.13	0.56				3.6
		This BMS unit is strongly fractured and has weak patchy sericitic alteration and weak patchy silicification. This unit contains 2% disseminated pyrite, 2% pyrite in stringers, and trace sphalerite in stringers	1368014	27.50	29.00	1.50	0.50				0.5
			1368015	29.00	30.50	1.50	0.37				0.3
			1368016	30.50	32.00	1.50	0.13				0.2
			1368017	32.00	33.40	1.40	0.19				0.2
33.40	47.20	MSS, Muscovite Sericite Schist	1368018	33.40	34.40	1.00	0.24				0.2
		MSS C-Zone 33.4m-47.20m	1368019	34.40	35.90	1.50	0.49				0.3
		This C-Zone MSS has very strongpatchy sericitic alteration with a weak patch between 39.55m-41.19m. The silicification in this unit is weak and patchy throughout. This unit is poorly mineralized with 2% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, very trace amounts of galena in blebs, and trace pyrrhotite blebs.	1368021	35.90	37.40	1.50	0.28				0.2
			1368022	37.40	38.90	1.50	0.36				0.3
			1368023	38.90	40.40	1.50	0.09				0.1
			1368024	40.40	41.90	1.50	0.25				0.2
			1368026	41.90	42.90	1.00	0.22				0.2
			1368025	41.90	42.90	1.00	0.25				0.2
			1368027	42.90	43.90	1.00	0.31				0.3
			1368028	43.90	44.90	1.00	0.32				0.8
			1368029	44.90	45.90	1.00	13.36			13.74	0.8
			1368031	45.90	47.20	1.30	0.16				0.1

Hole Number: TL13305

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
47.20	105.00	BMS, Biotite Muscovite Schist This BMS unit has strong patchy silicification, very weak patchy sericitic alteration, as well as very weak fracture controlled epidote and chlorite alteration. This unit is poorly mineralized with 1% disseminated pyrite, trace to 1% pyrite in stringers, trace pyrrhotite stringers and blebs, trace chalcopyrite blebs, trace sphalerite in stringers, and trace galena blebs associated with sphalerite mineralization.	1368032	47.20	48.70	1.50	0.04				0.0
			303492	48.70	50.00	1.30		0.02			
			303493	50.00	51.00	1.00		0.01			
			303494	51.00	52.00	1.00		0.01			
			303495	52.00	53.00	1.00		0.01			
			303496	53.00	54.00	1.00		0.03			
			303497	54.00	55.00	1.00		0.05			
			303498	55.00	56.00	1.00		0.06			
			1368033	66.50	68.00	1.50	0.06				
			1368034	68.00	69.50	1.50	0.02				
			1368035	69.50	71.00	1.50	0.03				
			1368036	71.00	72.50	1.50	0.03				
			1368037	72.50	74.00	1.50	0.02				
			1368038	74.00	75.50	1.50	0.03				
			1368039	75.50	77.00	1.50	0.02				
			1368041	77.00	78.20	1.20	0.02				
			1368042	78.20	79.70	1.50	0.06				
			1368043	79.70	81.20	1.50	0.03				
			1368044	81.20	82.70	1.50	0.02				
			1368046	82.70	84.20	1.50	0.04				
			1368045	82.70	84.20	1.50	0.04				
			1368047	84.20	85.70	1.50	0.02				
			1368048	85.70	87.20	1.50	0.03				
			1368049	87.20	88.70	1.50	0.02				
			1368051	88.70	90.20	1.50	0.01				
			1368052	90.20	91.70	1.50	0.02				
			1368053	91.70	93.20	1.50	0.01				
			1368054	93.20	94.70	1.50	0.02				
			1368055	94.70	96.20	1.50	0.04				
			1368056	96.20	97.20	1.00	0.03				
			1368057	97.20	98.00	0.80	0.08				
			1368058	98.00	99.50	1.50	0.07				
			1368059	99.50	101.00	1.50	0.02				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368013	26.37	27.50	0.5600				3.6390
1368014	27.50	29.00	0.4970				0.5790
1368015	29.00	30.50	0.3650				0.3700
1368016	30.50	32.00	0.1260				0.2280
1368017	32.00	33.40	0.1900				0.2080

Hole Number: TL13305

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368018	33.40	34.40	0.2430				0.2850
1368019	34.40	35.90	0.4890				0.3770
1368021	35.90	37.40	0.2830				0.2750
1368022	37.40	38.90	0.3640				0.3550
1368023	38.90	40.40	0.0850				0.1190
1368024	40.40	41.90	0.2480				0.1990
1368025	41.90	42.90	0.2530				0.2300
1368027	42.90	43.90	0.3050				0.3000
1368028	43.90	44.90	0.3170				0.8730
1368029	44.90	45.90	13.3610			13.7410	
1368031	45.90	47.20	0.1620				0.1370
1368032	47.20	48.70	0.0420				0.0290
303492	48.70	50.00		0.0190			
303493	50.00	51.00		0.0100			
303494	51.00	52.00		0.0100			
303495	52.00	53.00		0.0090			
303496	53.00	54.00		0.0290			
303497	54.00	55.00		0.0470			
303498	55.00	56.00		0.0560			
1368033	66.50	68.00	0.0560				
1368034	68.00	69.50	0.0170				
1368035	69.50	71.00	0.0250				
1368036	71.00	72.50	0.0250				
1368037	72.50	74.00	0.0190				
1368038	74.00	75.50	0.0250				
1368039	75.50	77.00	0.0190				
1368041	77.00	78.20	0.0150				
1368042	78.20	79.70	0.0560				
1368043	79.70	81.20	0.0270				
1368044	81.20	82.70	0.0190				
1368045	82.70	84.20	0.0370				
1368047	84.20	85.70	0.0190				
1368048	85.70	87.20	0.0300				
1368049	87.20	88.70	0.0190				
1368051	88.70	90.20	0.0080				
1368052	90.20	91.70	0.0170				
1368053	91.70	93.20	0.0070				
1368054	93.20	94.70	0.0210				
1368055	94.70	96.20	0.0350				

Hole Number: TL13305

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368056	96.20	97.20	0.0250				
1368057	97.20	98.00	0.0750				
1368058	98.00	99.50	0.0660				
1368059	99.50	101.00	0.0170				
Sample Type	CDUP						
1368026	41.90	42.90	0.2170				
1368046	82.70	84.20	0.0360				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13305	26.4	27.5	1368013	2.00	7.52	72.00	406.00	2.00	28.00	1.20	2.00	20.00	141.00	32.00	3.45	0.71	29.00	1.21	401.00
TL13305	27.5	29.0	1368014	1.00	6.65	129.00	328.00	2.00	33.00	1.21	2.00	20.00	129.00	26.00	3.42	0.62	26.00	1.43	429.00
TL13305	29.0	30.5	1368015	2.00	8.00	107.00	470.00	1.00	69.00	1.11	2.00	19.00	137.00	33.00	3.07	0.83	30.00	1.38	403.00
TL13305	30.5	32.0	1368016	2.00	8.55	52.00	500.00	2.00	33.00	1.86	2.00	21.00	148.00	36.00	3.48	0.86	33.00	1.42	527.00
TL13305	32.0	33.4	1368017	1.00	7.77	55.00	434.00	2.00	23.00	1.72	2.00	17.00	127.00	25.00	3.22	0.78	29.00	1.25	542.00
TL13305	33.4	34.4	1368018	2.00	7.39	72.00	445.00	1.00	35.00	1.19	2.00	16.00	127.00	31.00	2.70	0.81	24.00	0.70	301.00
TL13305	34.4	35.9	1368019	2.00	7.11	109.00	396.00	2.00	32.00	1.21	2.00	19.00	115.00	17.00	3.33	0.72	24.00	0.81	301.00
TL13305	35.9	37.4	1368021	1.00	7.06	109.00	405.00	2.00	24.00	1.27	2.00	16.00	115.00	24.00	2.91	0.71	22.00	0.59	255.00
TL13305	37.4	38.9	1368022	1.00	5.38	125.00	251.00	1.00	29.00	0.53	2.00	15.00	104.00	28.00	2.96	0.75	16.00	0.40	157.00
TL13305	38.9	40.4	1368023	0.50	6.16	45.00	251.00	2.00	44.00	0.74	2.00	16.00	112.00	31.00	2.80	0.82	23.00	1.17	357.00
TL13305	40.4	41.9	1368024	1.00	6.72	71.00	219.00	2.00	37.00	0.80	2.00	17.00	120.00	30.00	2.96	0.85	26.00	1.33	409.00
TL13305	41.9	42.9	1368026	3.00	6.46	115.00	223.00	1.00	21.00	0.59	2.00	21.00	108.00	28.00	3.46	0.70	23.00	1.03	288.00
TL13305	41.9	42.9	1368025	2.00	6.20	94.00	229.00	2.00	22.00	0.50	2.00	20.00	124.00	32.00	3.42	0.64	22.00	1.03	295.00
TL13305	42.9	43.9	1368027	2.00	6.89	100.00	260.00	2.00	44.00	0.61	2.00	20.00	114.00	31.00	3.16	0.67	24.00	0.87	225.00
TL13305	43.9	44.9	1368028	3.00	6.77	73.00	282.00	2.00	43.00	0.66	2.00	10.00	75.00	29.00	1.80	0.75	22.00	0.56	156.00
TL13305	44.9	45.9	1368029	5.00	6.31	59.00	307.00	2.00	36.00	0.60	6.00	5.00	35.00	73.00	1.60	0.78	19.00	0.40	137.00
TL13305	45.9	47.2	1368031	3.00	5.08	16.00	369.00	1.00	27.00	0.42	2.00	4.00	24.00	47.00	1.09	0.83	17.00	0.32	122.00
TL13305	47.2	48.7	1368032	0.50	6.66	30.00	273.00	1.00	20.00	1.57	2.00	6.00	23.00	2.00	1.16	0.79	24.00	0.85	367.00
TL13305	48.7	50.0	303492	0.50	2.86	32.00	459.00	1.00	3.00	2.31	2.00	8.00	25.00	8.00	1.89	0.30	16.00	1.34	803.00
TL13305	50.0	51.0	303493	0.50	2.90	25.00	481.00	2.00	4.00	2.76	2.00	9.00	20.00	5.00	1.83	0.44	14.00	1.20	662.00
TL13305	51.0	52.0	303494	0.50	2.20	39.00	466.00	2.00	1.00	2.74	2.00	9.00	21.00	4.00	1.79	0.42	10.00	1.09	661.00
TL13305	52.0	53.0	303495	0.50	2.06	25.00	478.00	2.00	4.00	2.79	2.00	11.00	19.00	4.00	1.76	0.44	11.00	1.03	502.00
TL13305	53.0	54.0	303496	0.50	2.90	20.00	484.00	2.00	4.00	2.85	2.00	9.00	18.00	7.00	1.79	0.38	12.00	1.15	611.00
TL13305	54.0	55.0	303497	0.50	3.22	28.00	511.00	2.00	3.00	2.94	2.00	10.00	37.00	24.00	2.04	0.43	13.00	1.28	823.00
TL13305	55.0	56.0	303498	0.50	2.45	35.00	364.00	1.00	2.00	2.62	2.00	8.00	17.00	7.00	1.75	0.55	13.00	1.18	676.00
TL13305	66.5	68.0	1368033	0.50	7.06	23.00	423.00	2.00	34.00	3.10	2.00	7.00	22.00	54.00	1.78	0.79	25.00	1.46	658.00
TL13305	68.0	69.5	1368034	0.50	6.43	14.00	413.00	1.00	39.00	1.98	2.00	6.00	23.00	1.00	1.37	0.89	22.00	0.85	286.00
TL13305	69.5	71.0	1368035	0.50	7.59	15.00	459.00	1.00	48.00	2.27	2.00	7.00	20.00	0.50	1.50	0.87	27.00	0.78	307.00
TL13305	71.0	72.5	1368036	0.50	6.51	9.00	443.00	1.00	23.00	2.09	2.00	6.00	16.00	0.50	1.47	0.82	21.00	0.65	271.00
TL13305	72.5	74.0	1368037	0.50	8.79	10.00	575.00	1.00	11.00	2.55	2.00	7.00	27.00	0.50	1.53	0.75	29.00	0.74	297.00
TL13305	74.0	75.5	1368038	0.50	7.55	10.00	395.00	1.00	31.00	2.13	2.00	6.00	24.00	0.50	1.42	0.67	26.00	0.69	267.00
TL13305	75.5	77.0	1368039	0.50	7.88	7.00	385.00	1.00	32.00	2.47	2.00	7.00	21.00	33.00	1.57	0.68	25.00	0.78	358.00
TL13305	77.0	78.2	1368041	0.50	6.77	11.00	344.00	1.00	22.00	2.07	2.00	6.00	28.00	19.00	1.19	0.81	22.00	0.72	325.00
TL13305	78.2	79.7	1368042	0.50	7.20	37.00	371.00	1.00	21.00	1.50	6.00	7.00	21.00	12.00	1.91	0.82	26.00	0.78	430.00
TL13305	79.7	81.2	1368043	0.50	7.31	36.00	394.00	2.00	32.00	1.34	2.00	9.00	23.00	0.50	2.02	0.87	25.00	0.69	311.00
TL13305	81.2	82.7	1368044	0.50	6.22	18.00	329.00	2.00	14.00	1.68	2.00	7.00	24.00	0.50	1.40	0.77	22.00	0.82	319.00
TL13305	82.7	84.2	1368045	0.50	7.33	9.00	372.00	2.00	39.00	1.47	4.00	7.00	38.00	44.00	2.04	0.84	27.00	0.71	274.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13305	26.4	27.5	1368013	9.00	106.00	459.00	93.00	2.30	5.00	11.00	5.00	61.00	1401.00	17.00	72.00	5.00	6.00	119.00
TL13305	27.5	29.0	1368014	9.00	104.00	397.00	81.00	2.45	8.00	2.50	5.00	62.00	1026.00	12.00	60.00	5.00	4.00	126.00
TL13305	29.0	30.5	1368015	11.00	100.00	389.00	76.00	1.94	8.00	10.00	5.00	59.00	1350.00	14.00	69.00	14.00	4.00	272.00
TL13305	30.5	32.0	1368016	8.00	97.00	470.00	68.00	1.61	2.50	5.00	5.00	81.00	1711.00	15.00	80.00	5.00	7.00	117.00
TL13305	32.0	33.4	1368017	5.00	65.00	434.00	55.00	1.88	2.50	8.00	5.00	69.00	1610.00	15.00	66.00	5.00	7.00	68.00
TL13305	33.4	34.4	1368018	7.00	71.00	418.00	188.00	2.14	2.50	17.00	5.00	54.00	1362.00	12.00	65.00	5.00	6.00	271.00
TL13305	34.4	35.9	1368019	6.00	75.00	403.00	132.00	2.74	2.50	9.00	5.00	58.00	1263.00	6.00	59.00	10.00	5.00	392.00
TL13305	35.9	37.4	1368021	6.00	71.00	410.00	62.00	2.60	2.50	9.00	5.00	59.00	1161.00	12.00	58.00	5.00	6.00	117.00
TL13305	37.4	38.9	1368022	6.00	74.00	352.00	140.00	3.04	2.50	5.00	5.00	35.00	919.00	11.00	44.00	10.00	8.00	522.00
TL13305	38.9	40.4	1368023	6.00	81.00	355.00	61.00	1.46	6.00	9.00	5.00	45.00	1261.00	6.00	54.00	5.00	8.00	91.00
TL13305	40.4	41.9	1368024	7.00	81.00	415.00	67.00	1.56	2.50	19.00	5.00	48.00	1330.00	9.00	60.00	5.00	8.00	151.00
TL13305	41.9	42.9	1368026	5.00	80.00	333.00	126.00	2.63	6.00	10.00	5.00	42.00	1202.00	11.00	64.00	12.00	7.00	527.00
TL13305	41.9	42.9	1368025	8.00	102.00	393.00	118.00	2.42	2.50	9.00	5.00	40.00	1225.00	8.00	67.00	5.00	7.00	385.00
TL13305	42.9	43.9	1368027	5.00	82.00	361.00	98.00	2.47	2.50	9.00	5.00	46.00	1312.00	11.00	66.00	10.00	8.00	248.00
TL13305	43.9	44.9	1368028	6.00	64.00	345.00	334.00	1.53	2.50	15.00	5.00	44.00	1130.00	5.00	42.00	17.00	6.00	786.00
TL13305	44.9	45.9	1368029	6.00	51.00	305.00	338.00	1.46	2.50	9.00	5.00	38.00	1007.00	9.00	23.00	24.00	4.00	1694.00
TL13305	45.9	47.2	1368031	6.00	40.00	349.00	279.00	0.62	6.00	10.00	5.00	24.00	1022.00	7.00	22.00	15.00	4.00	789.00
TL13305	47.2	48.7	1368032	5.00	33.00	368.00	31.00	0.59	2.50	8.00	5.00	51.00	1192.00	8.00	25.00	5.00	5.00	61.00
TL13305	48.7	50.0	303492	0.50	47.00	504.00	23.00	0.26	2.50	2.50	5.00	98.00	2003.00	9.00	56.00	5.00	6.00	69.00
TL13305	50.0	51.0	303493	0.50	43.00	488.00	12.00	0.17	2.50	5.00	5.00	99.00	2054.00	6.00	54.00	5.00	5.00	64.00
TL13305	51.0	52.0	303494	0.50	45.00	454.00	15.00	0.21	2.50	2.50	5.00	93.00	1883.00	3.00	52.00	5.00	5.00	55.00
TL13305	52.0	53.0	303495	0.50	41.00	465.00	10.00	0.15	2.50	2.50	5.00	97.00	1939.00	6.00	51.00	11.00	5.00	56.00
TL13305	53.0	54.0	303496	0.50	34.00	456.00	12.00	0.22	2.50	2.50	5.00	106.00	1842.00	1.00	49.00	5.00	5.00	48.00
TL13305	54.0	55.0	303497	3.00	78.00	501.00	16.00	0.20	2.50	5.00	5.00	115.00	2002.00	11.00	64.00	5.00	5.00	84.00
TL13305	55.0	56.0	303498	0.50	32.00	440.00	12.00	0.30	2.50	2.50	5.00	109.00	1673.00	9.00	47.00	10.00	5.00	112.00
TL13305	66.5	68.0	1368033	4.00	36.00	392.00	52.00	0.71	6.00	12.00	5.00	101.00	1279.00	19.00	28.00	5.00	5.00	97.00
TL13305	68.0	69.5	1368034	3.00	34.00	410.00	29.00	0.55	2.50	10.00	5.00	101.00	1120.00	12.00	24.00	5.00	5.00	55.00
TL13305	69.5	71.0	1368035	2.00	29.00	421.00	20.00	0.70	5.00	7.00	5.00	120.00	1299.00	11.00	30.00	5.00	5.00	49.00
TL13305	71.0	72.5	1368036	3.00	24.00	392.00	19.00	0.49	6.00	18.00	5.00	101.00	1445.00	7.00	28.00	5.00	5.00	44.00
TL13305	72.5	74.0	1368037	5.00	36.00	433.00	19.00	0.56	2.50	12.00	5.00	120.00	1441.00	12.00	32.00	5.00	6.00	53.00
TL13305	74.0	75.5	1368038	6.00	36.00	406.00	25.00	0.56	2.50	12.00	5.00	93.00	1402.00	9.00	31.00	5.00	5.00	34.00
TL13305	75.5	77.0	1368039	4.00	27.00	430.00	59.00	0.67	2.50	8.00	5.00	106.00	1227.00	9.00	27.00	5.00	6.00	80.00
TL13305	77.0	78.2	1368041	5.00	36.00	326.00	40.00	0.53	2.50	9.00	5.00	90.00	915.00	11.00	20.00	5.00	5.00	50.00
TL13305	78.2	79.7	1368042	4.00	33.00	365.00	106.00	1.74	2.50	11.00	5.00	80.00	1239.00	7.00	26.00	24.00	5.00	1649.00
TL13305	79.7	81.2	1368043	5.00	36.00	385.00	29.00	1.88	2.50	8.00	5.00	81.00	1340.00	11.00	27.00	14.00	5.00	630.00
TL13305	81.2	82.7	1368044	5.00	38.00	382.00	33.00	0.63	2.50	13.00	5.00	82.00	1212.00	9.00	26.00	5.00	4.00	42.00
TL13305	82.7	84.2	1368045	9.00	67.00	388.00	65.00	1.14	7.00	13.00	5.00	86.00	1348.00	10.00	29.00	21.00	5.00	1053.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13305	82.7	84.2	1368046	0.50	7.31	15.00	357.00	2.00	21.00	1.34	2.00	8.00	22.00	45.00	1.83	0.86	28.00	0.67	240.00
TL13305	84.2	85.7	1368047	0.50	8.02	19.00	314.00	2.00	44.00	3.08	2.00	5.00	19.00	43.00	1.68	0.85	26.00	1.45	775.00
TL13305	85.7	87.2	1368048	0.50	6.89	11.00	382.00	2.00	24.00	2.00	2.00	7.00	22.00	16.00	1.58	0.64	26.00	0.98	469.00
TL13305	87.2	88.7	1368049	0.50	7.70	13.00	457.00	1.00	47.00	2.11	2.00	8.00	20.00	12.00	1.64	0.70	30.00	1.00	541.00
TL13305	88.7	90.2	1368051	0.50	6.92	6.00	401.00	1.00	52.00	2.23	2.00	7.00	21.00	1.00	1.46	0.76	23.00	0.75	332.00
TL13305	90.2	91.7	1368052	0.50	6.48	16.00	353.00	1.00	25.00	2.04	2.00	8.00	21.00	6.00	1.70	0.78	24.00	0.89	456.00
TL13305	91.7	93.2	1368053	0.50	6.31	9.00	352.00	1.00	18.00	1.64	2.00	6.00	20.00	4.00	1.75	0.82	24.00	0.86	433.00
TL13305	93.2	94.7	1368054	0.50	8.30	7.00	518.00	3.00	29.00	2.82	2.00	8.00	41.00	38.00	2.13	0.91	29.00	1.36	812.00
TL13305	94.7	96.2	1368055	1.00	7.05	12.00	409.00	2.00	36.00	2.09	5.00	7.00	55.00	27.00	1.93	0.85	25.00	1.25	553.00
TL13305	96.2	97.2	1368056	0.50	7.45	10.00	408.00	2.00	22.00	2.27	2.00	6.00	30.00	12.00	1.67	0.94	24.00	1.14	623.00
TL13305	97.2	98.0	1368057	2.00	6.30	17.00	264.00	2.00	50.00	2.21	10.00	8.00	80.00	193.00	2.43	0.99	20.00	1.20	876.00
TL13305	98.0	99.5	1368058	0.50	8.27	17.00	303.00	2.00	26.00	2.68	2.00	16.00	147.00	27.00	2.88	0.95	30.00	1.30	754.00
TL13305	99.5	101.0	1368059	0.50	7.45	15.00	241.00	2.00	27.00	3.02	2.00	18.00	139.00	27.00	2.75	0.81	25.00	1.38	742.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13305	82.7	84.2	1368046	3.00	33.00	363.00	43.00	1.09	5.00	2.50	5.00	80.00	1307.00	6.00	27.00	16.00	5.00	751.00
TL13305	84.2	85.7	1368047	2.00	25.00	416.00	234.00	0.73	5.00	13.00	5.00	132.00	1224.00	12.00	28.00	10.00	6.00	172.00
TL13305	85.7	87.2	1368048	3.00	30.00	413.00	183.00	0.60	2.50	25.00	5.00	98.00	1282.00	9.00	29.00	10.00	5.00	85.00
TL13305	87.2	88.7	1368049	4.00	29.00	434.00	51.00	0.62	5.00	9.00	5.00	112.00	1430.00	9.00	32.00	12.00	5.00	59.00
TL13305	88.7	90.2	1368051	2.00	30.00	398.00	19.00	0.39	2.50	14.00	5.00	102.00	1347.00	13.00	28.00	5.00	5.00	52.00
TL13305	90.2	91.7	1368052	2.00	28.00	407.00	262.00	0.56	5.00	29.00	5.00	89.00	1355.00	9.00	29.00	13.00	5.00	491.00
TL13305	91.7	93.2	1368053	3.00	30.00	424.00	22.00	0.56	2.50	6.00	5.00	84.00	1467.00	10.00	30.00	5.00	5.00	76.00
TL13305	93.2	94.7	1368054	5.00	57.00	501.00	106.00	0.74	2.50	12.00	5.00	143.00	1543.00	12.00	33.00	16.00	7.00	586.00
TL13305	94.7	96.2	1368055	11.00	93.00	402.00	803.00	0.73	2.50	13.00	5.00	130.00	1333.00	9.00	29.00	17.00	5.00	1335.00
TL13305	96.2	97.2	1368056	5.00	42.00	426.00	58.00	0.65	2.50	27.00	5.00	131.00	1194.00	9.00	30.00	5.00	5.00	219.00
TL13305	97.2	98.0	1368057	8.00	70.00	349.00	938.00	1.35	6.00	14.00	5.00	111.00	1225.00	8.00	43.00	47.00	9.00	2235.00
TL13305	98.0	99.5	1368058	6.00	75.00	473.00	30.00	1.01	2.50	9.00	5.00	179.00	2237.00	11.00	66.00	5.00	13.00	80.00
TL13305	99.5	101.0	1368059	7.00	88.00	503.00	26.00	0.94	7.00	2.50	5.00	175.00	1800.00	11.00	57.00	10.00	13.00	138.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13305	26.3	33.4	7.1	PY	DISS	2	2% disseminated py throughout the interval
TL13305	26.3	33.4	7.1	PY	ST	2	2% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13305	26.3	33.4	7.1	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13305	33.4	47.2	13.8	PY	DISS	2	2% disseminated py throughout the interval
TL13305	33.4	47.2	13.8	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13305	33.4	47.2	13.8	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13305	33.4	47.2	13.8	PO	BLB	0.1	Trace po blebs in and along margins of qtz veins
TL13305	33.4	47.2	13.8	PB	BLB	0.1	Trace amounts of gal in blebs associated w/ sph mineralization
TL13305	47.2	105.0	57.8	CP	BLB	0.1	Trace cpy blebs in and along margins of qtz-amph veins
TL13305	47.2	105.0	57.8	PO	BLB	0.1	Trace po blebs in and along margins of qtz-amph veins
TL13305	47.2	105.0	57.8	PO	ST	0.1	Trace po in 1-4mm wide stringers oriented semi-parallel to foliation
TL13305	47.2	105.0	57.8	PY	ST	0.1	Trace to 1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13305	47.2	105.0	57.8	PY	DISS	1	1% disseminated py throughout the interval
TL13305	55.5	55.7	0.2	SPH	ST	0.1	Trace sph within strong sr patch
TL13305	78.0	81.0	3.0	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13305	97.3	98.0	0.7	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13305	97.3	98.0	0.7	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13305	26.3	32.0	5.7	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13305	26.3	33.4	7.1	FR	Strong	55	Strongly fractured along foliation
TL13305	32.0	33.4	1.4	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13305	33.4	42.8	9.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13305	33.4	47.2	13.8	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13305	40.9	41.0	0.1	Fold	Very Weak	60	V. weak F2 folding oriented at 60 deg TCA
TL13305	42.8	47.2	4.5	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13305	47.2	60.2	13.0	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13305	58.8	59.1	0.3	Fold	Weak	60	Weak F2 folding oriented at 60 deg TCA
TL13305	60.2	73.2	13.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13305	93.7	93.9	0.2	Fold	Moderate	70	Moderate F2 folding oriented at 70 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13305	26.3	33.4	7.1	SI	Patchy	Weak	Weak patchy silicification
TL13305	26.3	33.4	7.1	SR	Patchy	Weak	Weak patchy sr alt, 20% ser to 80% bio
TL13305	33.4	39.6	6.2	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13305	33.4	47.2	13.8	SI	Patchy	Weak	Weak patchy silicification
TL13305	39.6	41.2	1.6	SR	Patchy	Weak	Weak patch of ser alt, 25% ser to 75% bio
TL13305	41.2	47.2	6.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13305	47.2	105.0	57.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13305	47.2	105.0	57.8	SI	Patchy	Strong	Strong patchy silicification
TL13305	57.0	57.5	0.5	E	Fract-Cont	Very Weak	V. weak fracture controlled epid alt
TL13305	57.0	57.5	0.5	CH	Fract-Cont	Very Weak	V. weak fracture controlled chl alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13305	27	30	3	2.95	0.82	98.33	27.33	45	SRP
TL13305	30	33	3	2.99	1.12	99.67	37.33	40	SRP
TL13305	33	36	3	3	1.82	100	60.67	26	
TL13305	36	39	3	2.96	1.32	98.67	44	41	SRP
TL13305	39	42	3	2.91	0.87	97	29	50	2SRP
TL13305	42	45	3	2.94	1.91	98	63.67	25	
TL13305	45	48	3	3.02	2.42	100.67	80.67	20	
TL13305	48	51	3	2.96	2.08	98.67	69.33	13	
TL13305	51	54	3	3.04	2.56	101.33	85.33	8	
TL13305	54	57	3	2.93	2.46	97.67	82	10	
TL13305	57	60	3	3.07	1.88	102.33	62.67	26	
TL13305	60	63	3	3.03	2.06	101	68.67	15	
TL13305	63	66	3	2.94	2.57	98	85.67	14	
TL13305	66	69	3	2.92	2.49	97.33	83	14	
TL13305	69	72	3	2.97	2.63	99	87.67	12	
TL13305	72	75	3	3.06	3.01	102	100.33	4	
TL13305	75	78	3	3.05	2.86	101.67	95.33	6	
TL13305	78	81	3	2.95	2.57	98.33	85.67	8	
TL13305	81	84	3	2.97	2.77	99	92.33	6	
TL13305	84	87	3	3.02	3.02	100.67	100.67	7	
TL13305	87	90	3	2.98	2.77	99.33	92.33	5	
TL13305	90	93	3	2.96	2.73	98.67	91	9	
TL13305	93	96	3	3.02	2.82	100.67	94	7	
TL13305	96	99	3	3.02	2.52	100.67	84	11	
TL13305	99	102	3	3.01	2.74	100.33	91.33	17	
TL13305	102	105	3	2.9	2.39	96.67	79.67	10	

DETAILED LOG

Hole Number: TL13306

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
9.80	71.03	BMS, Biotite Muscovite Schist	1368169	10.50	12.00	1.50	0.02				
		BMS starts with moderate sr alt, weak for the rest.	1368171	12.00	13.50	1.50	0.01				
		trace to 1% sph with minor py. usually increased min in stronger alt patches	1368172	13.50	15.00	1.50	0.04				
			1368173	15.00	16.00	1.00	0.11				
			1368174	16.00	17.00	1.00	0.07				
			1368175	17.00	18.00	1.00	0.18				
			1368176	18.00	19.50	1.50	0.09				
			1368177	19.50	20.50	1.00	0.14				
			1368178	20.50	22.00	1.50	0.01				
			1368179	22.00	23.00	1.00	0.02				
			1368181	23.00	24.00	1.00	0.02				
			1368182	24.00	25.50	1.50	0.02				
			1368183	25.50	27.00	1.50	0.01				
			1368184	27.00	28.50	1.50	0.01				
			1368185	28.50	29.50	1.00	0.05				
			1368186	28.50	29.50	1.00	0.03				
			1368187	29.50	31.00	1.50	0.05				
			1368188	31.00	32.00	1.00	0.01				
			1368189	32.00	33.00	1.00	0.02				
			1368191	33.00	34.00	1.00	1.09				
			1368192	34.00	35.50	1.50	0.01				
			1368193	35.50	36.50	1.00	0.01				
			1368194	36.50	37.50	1.00	0.06				
			1368195	37.50	39.00	1.50	0.02				
			1368196	39.00	40.00	1.00	0.05				
			1368197	40.00	41.00	1.00	0.05				
			1368198	41.00	42.00	1.00	0.11				
			1368199	42.00	43.00	1.00	0.11				
			1368201	43.00	44.00	1.00	0.04				
			1368202	44.00	45.00	1.00	0.04				
			1368203	45.00	46.50	1.50	0.04				
			1368204	46.50	48.00	1.50	0.04				
			1368206	60.00	61.50	1.50	0.32				
			1368205	60.00	61.50	1.50	0.32				
			1368207	61.50	63.00	1.50	0.10				
			1368208	63.00	64.50	1.50	0.34				
			1368209	64.50	66.00	1.50	0.46				
			1368211	66.00	67.50	1.50	0.18				
			1368212	67.50	69.00	1.50	0.35				
			1368213	69.00	70.00	1.00	0.08				
			1368214	70.00	71.00	1.00				0.16	
			1368215	71.00	72.00	1.00				0.39	

Hole Number: TL13306

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
71.03	79.36	MSS, Muscovite Sericite Schist	1368216	72.00	73.00	1.00				0.29	
		C-zone	1368217	73.00	74.00	1.00				0.92	
		Strong sr alteration	1368218	74.00	75.00	1.00				0.37	
		Increased mineralization	1368219	75.00	76.30	1.30				0.31	
		3-5% py, 1-2% sph, trace to 1% gn, trace to 1% cpy	1368221	76.30	77.60	1.30				0.28	
		VG blebs and micro extension fracture infill in a sph/gn mineralized qz vein at 78.32-78.35	1368222	77.60	78.60	1.00				20.09	
			1368223	78.60	79.60	1.00				1.27	
79.36	123.00	BMS, Biotite Muscovite Schist	1368224	79.60	80.60	1.00				3.02	
		BMS, gradual weakening sr from MSS, becomes weak ~84m.	1368225	80.60	81.60	1.00	1.16				
		Some mineralization near top contact. including possible VG blebs at 80.48-80.50.	1368226	80.60	81.60	1.00	0.88				
		Another patch of increased mineralization from 98.50-101.1	1368227	81.60	83.00	1.40	0.08				
			1368228	83.00	84.50	1.50	0.22				
			1368229	84.50	86.00	1.50	0.14				
			1368231	97.00	98.50	1.50	0.07				
			1368232	98.50	99.50	1.00	0.28				
			1368233	99.50	100.50	1.00	0.16				
			1368234	100.50	101.50	1.00	0.46				
			1368235	101.50	103.00	1.50	0.04				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368169	10.50	12.00	0.0220				
1368171	12.00	13.50	0.0100				
1368172	13.50	15.00	0.0420				
1368173	15.00	16.00	0.1120				
1368174	16.00	17.00	0.0680				
1368175	17.00	18.00	0.1770				
1368176	18.00	19.50	0.0870				
1368177	19.50	20.50	0.1370				
1368178	20.50	22.00	0.0070				
1368179	22.00	23.00	0.0180				
1368181	23.00	24.00	0.0240				
1368182	24.00	25.50	0.0180				
1368183	25.50	27.00	0.0090				
1368184	27.00	28.50	0.0120				
1368185	28.50	29.50	0.0520				
1368187	29.50	31.00	0.0450				
1368188	31.00	32.00	0.0120				
1368189	32.00	33.00	0.0150				
1368191	33.00	34.00	1.0860				

Hole Number: TL13306

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368192	34.00	35.50	0.0130				
1368193	35.50	36.50	0.0050				
1368194	36.50	37.50	0.0580				
1368195	37.50	39.00	0.0160				
1368196	39.00	40.00	0.0510				
1368197	40.00	41.00	0.0520				
1368198	41.00	42.00	0.1080				
1368199	42.00	43.00	0.1070				
1368201	43.00	44.00	0.0370				
1368202	44.00	45.00	0.0410				
1368203	45.00	46.50	0.0380				
1368204	46.50	48.00	0.0440				
1368205	60.00	61.50	0.3170				
1368207	61.50	63.00	0.1000				
1368208	63.00	64.50	0.3420				
1368209	64.50	66.00	0.4620				
1368211	66.00	67.50	0.1790				
1368212	67.50	69.00	0.3450				
1368213	69.00	70.00	0.0830				
1368214	70.00	71.00				0.1620	
1368215	71.00	72.00				0.3930	
1368216	72.00	73.00				0.2880	
1368217	73.00	74.00				0.9170	
1368218	74.00	75.00				0.3710	
1368219	75.00	76.30				0.3120	
1368221	76.30	77.60				0.2840	
1368222	77.60	78.60				20.0860	
1368223	78.60	79.60				1.2720	
1368224	79.60	80.60				3.0190	
1368225	80.60	81.60	1.1630				
1368227	81.60	83.00	0.0750				
1368228	83.00	84.50	0.2160				
1368229	84.50	86.00	0.1360				
1368231	97.00	98.50	0.0730				
1368232	98.50	99.50	0.2810				
1368233	99.50	100.50	0.1640				
1368234	100.50	101.50	0.4600				
1368235	101.50	103.00	0.0430				

Hole Number: TL13306

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1368186	28.50	29.50	0.0260				
1368206	60.00	61.50	0.3150				
1368226	80.60	81.60	0.8830				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13306	10.5	12.0	1368169	0.50	5.19	9.00	199.00	1.00	12.00	2.14	2.00	4.00	32.00	5.00	1.56	0.01	10.00	1.53	966.00
TL13306	12.0	13.5	1368171	0.50	5.21	5.00	255.00	1.00	30.00	1.80	2.00	3.00	31.00	4.00	1.46	0.05	9.00	1.30	651.00
TL13306	13.5	15.0	1368172	0.50	4.93	4.00	202.00	1.00	0.50	1.49	2.00	3.00	28.00	4.00	1.52	0.01	8.00	1.10	478.00
TL13306	15.0	16.0	1368173	1.00	5.09	20.00	233.00	2.00	32.00	0.75	2.00	3.00	23.00	7.00	1.31	0.01	9.00	0.87	452.00
TL13306	16.0	17.0	1368174	0.50	5.01	17.00	223.00	2.00	14.00	0.91	2.00	4.00	29.00	8.00	1.28	0.01	9.00	0.93	490.00
TL13306	17.0	18.0	1368175	2.00	5.15	17.00	213.00	2.00	17.00	0.75	2.00	4.00	30.00	7.00	1.32	0.01	10.00	0.85	476.00
TL13306	18.0	19.5	1368176	2.00	4.01	18.00	149.00	1.00	41.00	0.89	2.00	4.00	22.00	8.00	1.33	0.01	7.00	0.98	636.00
TL13306	19.5	20.5	1368177	1.00	5.01	23.00	170.00	1.00	25.00	0.73	2.00	4.00	22.00	16.00	1.17	0.03	6.00	0.84	516.00
TL13306	20.5	22.0	1368178	0.50	4.83	13.00	149.00	1.00	43.00	1.71	2.00	3.00	32.00	6.00	1.36	0.01	8.00	1.18	828.00
TL13306	22.0	23.0	1368179	0.50	4.82	25.00	152.00	1.00	8.00	0.85	2.00	3.00	24.00	4.00	1.14	0.01	10.00	0.88	610.00
TL13306	23.0	24.0	1368181	0.50	5.36	21.00	181.00	2.00	45.00	1.39	2.00	5.00	32.00	8.00	1.42	0.01	10.00	1.15	819.00
TL13306	24.0	25.5	1368182	2.00	5.15	20.00	243.00	2.00	22.00	2.85	2.00	11.00	76.00	30.00	2.57	0.01	12.00	1.69	989.00
TL13306	25.5	27.0	1368183	0.50	3.45	1.00	204.00	1.00	21.00	1.78	2.00	4.00	53.00	8.00	1.22	0.09	7.00	1.43	633.00
TL13306	27.0	28.5	1368184	0.50	4.31	3.00	358.00	1.00	26.00	1.18	2.00	5.00	46.00	23.00	1.60	0.06	9.00	1.09	616.00
TL13306	28.5	29.5	1368185	2.00	4.19	28.00	477.00	2.00	16.00	0.73	2.00	8.00	26.00	30.00	2.18	0.04	4.00	0.70	376.00
TL13306	28.5	29.5	1368186	0.50	3.99	24.00	456.00	2.00	28.00	0.91	2.00	7.00	32.00	27.00	1.96	0.05	5.00	0.83	464.00
TL13306	29.5	31.0	1368187	0.50	4.20	21.00	390.00	1.00	0.50	1.82	2.00	7.00	46.00	12.00	2.70	0.03	7.00	1.19	710.00
TL13306	31.0	32.0	1368188	0.50	4.74	18.00	468.00	2.00	21.00	2.10	2.00	7.00	35.00	8.00	2.13	0.01	6.00	1.18	637.00
TL13306	32.0	33.0	1368189	0.50	7.05	22.00	512.00	2.00	5.00	2.47	2.00	7.00	43.00	12.00	2.04	0.02	15.00	1.56	809.00
TL13306	33.0	34.0	1368191	2.00	5.24	32.00	344.00	1.00	22.00	1.62	2.00	7.00	31.00	40.00	2.12	0.01	11.00	1.29	649.00
TL13306	34.0	35.5	1368192	0.50	5.50	17.00	484.00	2.00	19.00	2.54	2.00	7.00	32.00	26.00	2.25	0.13	12.00	1.66	796.00
TL13306	35.5	36.5	1368193	0.50	6.29	7.00	470.00	3.00	21.00	2.96	2.00	7.00	44.00	6.00	2.22	0.18	12.00	1.65	646.00
TL13306	36.5	37.5	1368194	1.00	5.43	14.00	324.00	3.00	28.00	2.13	2.00	15.00	111.00	60.00	3.10	0.15	12.00	1.56	699.00
TL13306	37.5	39.0	1368195	0.50	4.14	4.00	235.00	1.00	30.00	1.10	2.00	18.00	152.00	39.00	3.17	0.07	11.00	1.28	534.00
TL13306	39.0	40.0	1368196	1.00	4.20	22.00	287.00	2.00	8.00	1.43	2.00	19.00	143.00	69.00	3.83	0.01	13.00	1.68	903.00
TL13306	40.0	41.0	1368197	0.50	4.71	31.00	298.00	2.00	18.00	1.62	2.00	23.00	153.00	47.00	4.15	0.06	11.00	1.78	981.00
TL13306	41.0	42.0	1368198	2.00	4.16	31.00	358.00	3.00	31.00	1.59	2.00	19.00	129.00	50.00	3.42	0.03	10.00	1.39	777.00
TL13306	42.0	43.0	1368199	0.50	4.27	24.00	455.00	1.00	0.50	0.59	2.00	8.00	30.00	8.00	1.94	0.01	11.00	0.71	280.00
TL13306	43.0	44.0	1368201	0.50	5.20	24.00	585.00	1.00	42.00	0.85	2.00	7.00	33.00	3.00	1.98	0.09	10.00	0.89	397.00
TL13306	44.0	45.0	1368202	0.50	4.92	24.00	574.00	2.00	23.00	1.19	2.00	7.00	30.00	5.00	1.85	0.16	10.00	1.02	475.00
TL13306	45.0	46.5	1368203	0.50	4.77	15.00	499.00	2.00	40.00	1.50	2.00	8.00	32.00	4.00	1.93	0.11	10.00	1.24	622.00
TL13306	46.5	48.0	1368204	0.50	3.58	14.00	344.00	1.00	7.00	1.65	2.00	7.00	33.00	2.00	1.99	0.05	8.00	1.28	674.00
TL13306	60.0	61.5	1368205	2.00	4.38	55.00	296.00	2.00	14.00	0.18	2.00	18.00	135.00	25.00	3.60	0.02	14.00	1.63	391.00
TL13306	60.0	61.5	1368206	4.00	3.12	59.00	244.00	2.00	19.00	0.24	2.00	18.00	129.00	33.00	3.85	0.01	10.00	1.57	384.00
TL13306	61.5	63.0	1368207	0.50	3.71	33.00	236.00	2.00	38.00	1.07	2.00	17.00	132.00	41.00	3.36	0.21	12.00	1.50	541.00
TL13306	63.0	64.5	1368208	0.50	3.67	22.00	279.00	1.00	27.00	1.01	2.00	16.00	118.00	88.00	2.96	0.01	12.00	1.48	525.00
TL13306	64.5	66.0	1368209	0.50	6.01	16.00	420.00	3.00	47.00	1.72	2.00	16.00	128.00	40.00	3.05	0.06	18.00	1.50	584.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13306	10.5	12.0	1368169	2.00	38.00	360.00	25.00	0.75	2.50	5.00	5.00	107.00	1223.00	1.00	30.00	5.00	5.00	42.00
TL13306	12.0	13.5	1368171	2.00	30.00	367.00	9.00	0.60	2.50	2.50	5.00	105.00	1295.00	1.00	28.00	10.00	5.00	32.00
TL13306	13.5	15.0	1368172	2.00	33.00	386.00	12.00	0.67	11.00	2.50	5.00	82.00	1276.00	1.00	29.00	5.00	5.00	31.00
TL13306	15.0	16.0	1368173	0.50	27.00	365.00	13.00	0.98	2.50	2.50	5.00	66.00	1377.00	1.00	29.00	5.00	5.00	33.00
TL13306	16.0	17.0	1368174	0.50	29.00	370.00	17.00	0.81	5.00	2.50	5.00	70.00	1404.00	1.00	30.00	5.00	6.00	36.00
TL13306	17.0	18.0	1368175	3.00	33.00	356.00	18.00	1.00	2.50	2.50	5.00	61.00	1416.00	1.00	32.00	5.00	5.00	34.00
TL13306	18.0	19.5	1368176	0.50	26.00	366.00	27.00	0.86	6.00	2.50	5.00	62.00	1210.00	1.00	24.00	5.00	5.00	48.00
TL13306	19.5	20.5	1368177	2.00	26.00	377.00	18.00	0.95	7.00	2.50	5.00	57.00	1366.00	1.00	29.00	5.00	5.00	37.00
TL13306	20.5	22.0	1368178	2.00	40.00	367.00	22.00	0.77	11.00	2.50	5.00	85.00	1174.00	1.00	30.00	5.00	5.00	27.00
TL13306	22.0	23.0	1368179	2.00	28.00	347.00	18.00	0.96	10.00	2.50	5.00	117.00	1314.00	1.00	28.00	5.00	5.00	26.00
TL13306	23.0	24.0	1368181	2.00	36.00	364.00	18.00	1.11	7.00	2.50	5.00	91.00	1307.00	1.00	32.00	5.00	7.00	165.00
TL13306	24.0	25.5	1368182	2.00	51.00	512.00	68.00	1.98	8.00	2.50	5.00	102.00	1797.00	1.00	50.00	5.00	11.00	96.00
TL13306	25.5	27.0	1368183	5.00	52.00	554.00	31.00	0.53	10.00	2.50	5.00	102.00	1138.00	1.00	23.00	12.00	6.00	73.00
TL13306	27.0	28.5	1368184	5.00	55.00	473.00	35.00	0.90	8.00	2.50	5.00	96.00	1492.00	1.00	27.00	5.00	6.00	60.00
TL13306	28.5	29.5	1368185	1.00	36.00	587.00	230.00	1.93	7.00	2.50	5.00	77.00	1627.00	1.00	30.00	5.00	6.00	309.00
TL13306	28.5	29.5	1368186	3.00	48.00	570.00	49.00	1.52	9.00	2.50	5.00	87.00	1610.00	1.00	29.00	5.00	5.00	55.00
TL13306	29.5	31.0	1368187	3.00	63.00	591.00	207.00	2.36	7.00	2.50	5.00	113.00	1417.00	1.00	32.00	16.00	7.00	559.00
TL13306	31.0	32.0	1368188	1.00	46.00	560.00	31.00	1.46	5.00	2.50	5.00	110.00	1494.00	1.00	29.00	5.00	6.00	64.00
TL13306	32.0	33.0	1368189	4.00	59.00	608.00	38.00	1.58	15.00	7.00	5.00	120.00	1701.00	1.00	33.00	5.00	8.00	71.00
TL13306	33.0	34.0	1368191	2.00	42.00	537.00	118.00	1.84	10.00	2.50	5.00	87.00	1556.00	1.00	29.00	17.00	6.00	615.00
TL13306	34.0	35.5	1368192	1.00	41.00	541.00	71.00	1.29	5.00	9.00	5.00	113.00	1576.00	1.00	31.00	5.00	7.00	179.00
TL13306	35.5	36.5	1368193	2.00	62.00	564.00	22.00	0.94	11.00	2.50	5.00	120.00	1539.00	1.00	32.00	5.00	7.00	53.00
TL13306	36.5	37.5	1368194	4.00	90.00	525.00	247.00	1.60	6.00	2.50	5.00	122.00	1994.00	1.00	58.00	14.00	12.00	158.00
TL13306	37.5	39.0	1368195	5.00	97.00	545.00	18.00	0.73	5.00	2.50	5.00	106.00	2198.00	1.00	69.00	10.00	12.00	99.00
TL13306	39.0	40.0	1368196	3.00	101.00	539.00	28.00	2.02	13.00	2.50	5.00	108.00	2314.00	1.00	72.00	14.00	15.00	115.00
TL13306	40.0	41.0	1368197	4.00	115.00	499.00	45.00	2.61	12.00	2.50	5.00	114.00	2338.00	1.00	78.00	5.00	15.00	112.00
TL13306	41.0	42.0	1368198	4.00	97.00	528.00	506.00	2.30	6.00	2.50	5.00	106.00	2167.00	1.00	65.00	16.00	14.00	461.00
TL13306	42.0	43.0	1368199	2.00	45.00	491.00	469.00	2.03	12.00	2.50	5.00	71.00	1644.00	1.00	30.00	17.00	6.00	915.00
TL13306	43.0	44.0	1368201	2.00	46.00	539.00	49.00	1.99	2.50	2.50	5.00	79.00	1818.00	1.00	33.00	5.00	6.00	55.00
TL13306	44.0	45.0	1368202	3.00	42.00	567.00	56.00	1.80	2.50	2.50	5.00	103.00	1708.00	1.00	31.00	5.00	6.00	145.00
TL13306	45.0	46.5	1368203	3.00	46.00	573.00	79.00	1.61	11.00	2.50	5.00	111.00	1647.00	1.00	32.00	18.00	6.00	498.00
TL13306	46.5	48.0	1368204	1.00	46.00	558.00	42.00	1.52	10.00	2.50	5.00	103.00	1492.00	1.00	29.00	5.00	5.00	63.00
TL13306	60.0	61.5	1368205	3.00	86.00	460.00	388.00	2.68	9.00	2.50	5.00	54.00	1559.00	1.00	69.00	24.00	8.00	734.00
TL13306	60.0	61.5	1368206	2.00	86.00	459.00	725.00	2.83	11.00	2.50	5.00	50.00	1385.00	1.00	63.00	16.00	8.00	679.00
TL13306	61.5	63.0	1368207	4.00	95.00	444.00	61.00	2.02	2.50	2.50	5.00	88.00	1571.00	1.00	63.00	5.00	10.00	156.00
TL13306	63.0	64.5	1368208	2.00	79.00	467.00	136.00	1.43	12.00	2.50	5.00	92.00	1770.00	1.00	58.00	11.00	11.00	213.00
TL13306	64.5	66.0	1368209	3.00	84.00	556.00	77.00	1.30	5.00	6.00	5.00	136.00	2211.00	1.00	60.00	5.00	13.00	147.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13306	66.0	67.5	1368211	0.50	5.01	27.00	488.00	2.00	33.00	1.79	2.00	7.00	38.00	16.00	1.91	0.01	12.00	1.36	577.00
TL13306	67.5	69.0	1368212	4.00	3.95	14.00	394.00	2.00	74.00	1.14	2.00	8.00	37.00	60.00	1.84	0.04	6.00	1.00	420.00
TL13306	69.0	70.0	1368213	0.50	4.38	11.00	345.00	1.00	27.00	1.44	2.00	15.00	106.00	41.00	3.10	0.07	12.00	1.80	738.00
TL13306	70.0	71.0	1368214	1.00	4.97	36.00	230.00	3.00	8.00	1.30	4.00	13.00	190.00	20.00	2.10	0.01	13.00	1.25	485.00
TL13306	71.0	72.0	1368215	1.00	6.57	55.00	394.00	2.00	15.00	0.95	6.00	12.00	184.00	54.00	2.08	0.01	17.00	1.07	425.00
TL13306	72.0	73.0	1368216	1.00	6.33	40.00	354.00	2.00	7.00	1.31	2.00	9.00	65.00	41.00	1.70	0.04	15.00	1.20	489.00
TL13306	73.0	74.0	1368217	3.00	3.53	41.00	196.00	1.00	12.00	0.49	4.00	8.00	117.00	131.00	1.53	0.11	9.00	0.63	301.00
TL13306	74.0	75.0	1368218	1.00	3.44	28.00	235.00	1.00	6.00	0.47	2.00	7.00	103.00	15.00	1.17	0.02	7.00	0.56	266.00
TL13306	75.0	76.3	1368219	1.00	4.93	33.00	274.00	2.00	8.00	1.19	2.00	7.00	133.00	20.00	1.26	0.01	14.00	0.88	444.00
TL13306	76.3	77.6	1368221	0.50	3.98	29.00	212.00	1.00	9.00	0.94	2.00	7.00	105.00	19.00	1.26	0.01	10.00	0.77	393.00
TL13306	77.6	78.6	1368222	36.00	4.18	194.00	235.00	2.00	15.00	0.09	18.00	15.00	197.00	436.00	3.70	0.27	11.00	0.40	145.00
TL13306	78.6	79.6	1368223	3.00	4.48	54.00	184.00	2.00	13.00	0.79	2.00	8.00	140.00	153.00	1.95	0.11	12.00	0.90	339.00
TL13306	79.6	80.6	1368224	4.00	3.50	26.00	150.00	2.00	3.00	0.62	4.00	7.00	96.00	27.00	1.17	0.24	8.00	0.83	270.00
TL13306	80.6	81.6	1368225	0.50	3.51	31.00	258.00	2.00	17.00	1.16	2.00	7.00	38.00	13.00	1.80	0.05	7.00	1.27	405.00
TL13306	80.6	81.6	1368226	0.50	4.51	26.00	262.00	1.00	11.00	1.16	2.00	7.00	32.00	11.00	1.70	0.08	10.00	1.20	364.00
TL13306	81.6	83.0	1368227	1.00	4.19	24.00	280.00	2.00	18.00	1.92	2.00	6.00	53.00	14.00	1.91	0.01	9.00	1.34	447.00
TL13306	83.0	84.5	1368228	0.50	4.73	12.00	341.00	3.00	30.00	0.96	2.00	18.00	150.00	53.00	3.43	0.01	14.00	1.49	523.00
TL13306	84.5	86.0	1368229	0.50	3.80	16.00	271.00	2.00	18.00	0.78	2.00	12.00	86.00	35.00	2.85	0.01	15.00	1.74	496.00
TL13306	97.0	98.5	1368231	0.50	5.99	21.00	408.00	2.00	0.50	2.32	2.00	13.00	143.00	29.00	3.18	0.12	16.00	1.43	688.00
TL13306	98.5	99.5	1368232	0.50	5.47	53.00	403.00	1.00	12.00	1.38	2.00	17.00	149.00	66.00	3.18	0.18	19.00	1.12	626.00
TL13306	99.5	100.5	1368233	0.50	5.69	44.00	535.00	2.00	29.00	2.43	2.00	16.00	181.00	58.00	3.06	0.09	17.00	1.37	775.00
TL13306	100.5	101.5	1368234	3.00	3.97	55.00	654.00	2.00	30.00	1.70	4.00	9.00	109.00	93.00	2.64	0.07	11.00	1.12	536.00
TL13306	101.5	103.0	1368235	0.50	6.21	22.00	826.00	2.00	21.00	2.23	2.00	7.00	80.00	11.00	1.96	0.07	17.00	1.26	443.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13306	66.0	67.5	1368211	2.00	48.00	501.00	98.00	1.30	8.00	2.50	5.00	97.00	1532.00	1.00	30.00	13.00	6.00	103.00
TL13306	67.5	69.0	1368212	2.00	49.00	612.00	238.00	1.09	9.00	2.50	5.00	71.00	1430.00	1.00	29.00	25.00	6.00	553.00
TL13306	69.0	70.0	1368213	3.00	76.00	627.00	47.00	1.21	11.00	2.50	5.00	90.00	1980.00	1.00	55.00	5.00	11.00	144.00
TL13306	70.0	71.0	1368214	0.50	30.00	387.00	73.00	1.23	2.50	17.00	5.00	73.00	1358.00	1.00	49.00	14.00	7.00	546.00
TL13306	71.0	72.0	1368215	0.50	18.00	503.00	195.00	1.53	2.50	2.50	5.00	66.00	1697.00	1.00	39.00	22.00	7.00	1080.00
TL13306	72.0	73.0	1368216	0.50	15.00	482.00	173.00	1.11	2.50	7.00	5.00	72.00	1526.00	1.00	34.00	10.00	6.00	124.00
TL13306	73.0	74.0	1368217	0.50	13.00	375.00	193.00	1.32	2.50	2.50	5.00	42.00	1045.00	1.00	23.00	15.00	5.00	696.00
TL13306	74.0	75.0	1368218	0.50	11.00	341.00	70.00	0.91	2.50	9.00	5.00	40.00	1067.00	1.00	23.00	5.00	5.00	197.00
TL13306	75.0	76.3	1368219	0.50	12.00	407.00	159.00	0.85	2.50	2.50	5.00	62.00	1344.00	1.00	28.00	13.00	6.00	269.00
TL13306	76.3	77.6	1368221	0.50	12.00	344.00	30.00	0.98	6.00	13.00	5.00	51.00	1061.00	1.00	25.00	11.00	5.00	59.00
TL13306	77.6	78.6	1368222	0.50	38.00	386.00	943.00	4.05	63.00	7.00	5.00	33.00	1344.00	1.00	55.00	63.00	8.00	3925.00
TL13306	78.6	79.6	1368223	0.50	15.00	498.00	153.00	1.51	2.50	2.50	5.00	57.00	1113.00	1.00	29.00	12.00	7.00	416.00
TL13306	79.6	80.6	1368224	0.50	10.00	356.00	653.00	0.84	2.50	5.00	5.00	56.00	958.00	1.00	22.00	15.00	5.00	738.00
TL13306	80.6	81.6	1368225	2.00	55.00	491.00	308.00	1.00	10.00	2.50	5.00	79.00	1371.00	1.00	27.00	10.00	5.00	106.00
TL13306	80.6	81.6	1368226	2.00	43.00	458.00	136.00	1.13	17.00	2.50	5.00	83.00	1370.00	1.00	27.00	5.00	6.00	94.00
TL13306	81.6	83.0	1368227	4.00	65.00	493.00	108.00	0.89	8.00	2.50	5.00	87.00	1238.00	1.00	32.00	5.00	6.00	44.00
TL13306	83.0	84.5	1368228	6.00	120.00	541.00	57.00	1.33	9.00	2.50	5.00	88.00	1907.00	1.00	74.00	10.00	11.00	88.00
TL13306	84.5	86.0	1368229	2.00	72.00	502.00	113.00	1.51	8.00	2.50	5.00	70.00	1145.00	1.00	47.00	16.00	6.00	470.00
TL13306	97.0	98.5	1368231	13.00	162.00	549.00	46.00	0.83	8.00	2.50	5.00	118.00	1877.00	1.00	59.00	5.00	12.00	76.00
TL13306	98.5	99.5	1368232	8.00	112.00	499.00	55.00	1.65	12.00	2.50	5.00	99.00	2330.00	1.00	76.00	10.00	14.00	94.00
TL13306	99.5	100.5	1368233	15.00	161.00	505.00	60.00	1.27	11.00	2.50	5.00	145.00	2037.00	1.00	71.00	5.00	14.00	81.00
TL13306	100.5	101.5	1368234	16.00	115.00	423.00	421.00	2.09	8.00	2.50	5.00	147.00	1503.00	1.00	44.00	33.00	8.00	1391.00
TL13306	101.5	103.0	1368235	11.00	119.00	537.00	29.00	0.85	2.50	2.50	5.00	199.00	1669.00	1.00	36.00	14.00	7.00	132.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13306	9.8	27.0	17.2	CP	BLB	0.1	trace cpy blebs
TL13306	9.8	27.0	17.2	SPH	ST	0.1	Trace sph stringers
TL13306	9.8	27.0	17.2	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13306	27.0	48.0	21.0	SPH	ST	1	Trace to 1% sph stringers
TL13306	27.0	48.0	21.0	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13306	48.0	71.0	23.0	CP	BLB	0.1	trace cpy blebs
TL13306	48.0	71.0	23.0	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13306	71.0	78.0	7.0	PB	BLB	0.1	Trace gn blebs with sph
TL13306	71.0	78.0	7.0	SPH	ST	1	1% sph stringers
TL13306	71.0	78.0	7.0	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13306	78.0	79.4	1.4	CP	BLB	0.1	Trace cpy blebs
TL13306	78.0	79.4	1.4	PB	BLB	1	Trace to 1% gn stringers
TL13306	78.0	79.4	1.4	SPH	ST	2	2% sph stringers, some condensed patches of stringers
TL13306	78.0	79.4	1.4	PY	DISS	5	4-5% diss. py, stringers, and blebs
TL13306	78.3	78.4	0.0	AU	BLB	0.1	6-8, 1mm blebs of VG, also infills a couple micro extension fractures
TL13306	79.4	84.0	4.6	PB	BLB	0.1	Trace gn blebs
TL13306	79.4	84.0	4.6	SPH	ST	1	Trace to 1% sph stringers
TL13306	79.4	123.0	43.6	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13306	79.4	123.0	43.6	PO	BLB	1	Trace to 1% po blebs and stringers
TL13306	80.5	80.5	0.0	AU	BLB	0.1	2-3 possible VG blebs with sph/pb qz vein
TL13306	98.5	101.1	2.6	SPH	ST	2	1-2% sph stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13306	9.8	35.0	25.2	FOL	Moderate	65	60-65
TL13306	35.0	71.0	36.0	FR	Weak	45	30-60 deg, x-cut fol.
TL13306	35.0	71.0	36.0	FOL	Moderate	65	65-70
TL13306	71.0	79.4	8.3	FOL	Moderate	60	
TL13306	79.0	79.1	0.1	Fold	Moderate	50	F2 fold, axial plane 50 deg TCA
TL13306	79.4	100.0	20.6	FOL	Moderate	65	
TL13306	100.0	123.0	23.0	FOL	Moderate	65	

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13306	9.8	33.5	23.7	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13306	9.8	71.0	61.2	SI	Pervasive	Weak	
TL13306	33.5	41.5	8.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio
TL13306	41.5	71.0	29.5	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13306	71.0	79.4	8.3	SR	Patchy	Strong	Semi-pervasive sericite, 75% sr 25% bio
TL13306	71.0	79.4	8.3	SI	Pervasive	Moderate	
TL13306	79.4	83.5	4.1	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13306	79.4	123.0	43.6	SI	Pervasive	Weak	
TL13306	83.5	123.0	39.5	SR	Patchy	Very Weak	Semi-pervasive sericite, 15% sr 85% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13306	12	15	3	2.85	1.79	95	59.67	22	
TL13306	15	18	3	3.24	1.24	108	41.33	34	
TL13306	18	21	3	2.94	1.71	98	57	28	
TL13306	21	24	3	2.98	2.66	99.33	88.67	14	
TL13306	24	27	3	3.06	1.84	102	61.33	27	
TL13306	27	30	3	3	1.75	100	58.33	21	
TL13306	30	33	3	2.97	2.63	99	87.67	13	
TL13306	33	36	3	2.91	2.78	97	92.67	8	
TL13306	36	39	3	3.02	2.24	100.67	74.67	25	
TL13306	39	42	3	2.92	2.21	97.33	73.67	21	
TL13306	42	45	3	3.03	2.74	101	91.33	14	
TL13306	45	48	3	3	2.91	100	97	7	
TL13306	48	51	3	2.92	2.64	97.33	88	8	
TL13306	51	54	3	2.93	2.93	97.67	97.67	6	
TL13306	54	57	3	2.97	2.61	99	87	9	
TL13306	57	60	3	3.01	2.42	100.33	80.67	19	
TL13306	60	63	3	2.84	0.93	94.67	31	45	
TL13306	63	66	3	3.02	2.52	100.67	84	21	
TL13306	66	69	3	3.04	2.81	101.33	93.67	14	
TL13306	69	72	3	2.93	2.27	97.67	75.67	22	
TL13306	72	75	3	2.98	2.98	99.33	99.33	9	
TL13306	75	78	3	3.03	2.76	101	92	10	
TL13306	78	81	3	2.97	2.47	99	82.33	18	
TL13306	81	84	3	2.93	2.56	97.67	85.33	18	
TL13306	84	87	3	2.98	2.69	99.33	89.67	14	
TL13306	87	90	3	2.98	2.28	99.33	76	12	
TL13306	90	93	3	2.97	2.58	99	86	14	
TL13306	93	96	3	3	2.57	100	85.67	19	
TL13306	96	99	3	3	2.95	100	98.33	12	
TL13306	99	102	3	2.95	2.82	98.33	94	10	
TL13306	102	105	3	2.97	2.93	99	97.67	6	
TL13306	105	108	3	2.94	2.66	98	88.67	6	
TL13306	108	111	3	3.05	2.95	101.67	98.33	9	
TL13306	111	114	3	2.94	2.76	98	92	9	
TL13306	114	117	3	3.13	2.96	104.33	98.67	6	
TL13306	117	120	3	2.95	2.95	98.33	98.33	6	
TL13306	120	123	3	2.93	2.71	97.67	90.33	7	

DETAILED LOG

Hole Number: TL13307

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5511998.71	North:	Collar Az: 0.00
Location: Zealand Township	East: 527836.95	East:	Length: 99.00
	Elev: 395.90	Elev:	Start Depth: 0.00
Date Started: Jan 24, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 25, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 99.00

Comments: Logged by Brian Wolfe

Claim #1106347

MSS C-Zone from 30.09m-41.93m

This C-Zone MSS is weak and patchy. The alteration in this unit consists of moderate patchy sericitic alteration and strong patchy silicification. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace to 1% sphalerite in stringers, trace galena blebs, and trace chalcopryrite blebs.

Three, 1mm wide flecks of VG in smokey grey boudinaged qtz vein associated w/ gal and cpy at 93.78m

Trace electrum in 1-4mm wide smeared blebs found w/ Au, gal and cpy @ 93.78m

VG and electrum found towards the end of the hole in a patch of altered sericite and silica and is found associated with galena and chalcopryrite.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	358.00	-46.00	EZ Sho	OK		21.00	358.10	-46.10	EZ Sho	OK	
51.00	358.50	-45.70	EZ Sho	OK		99.00	359.50	-44.60	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	13.45	OB, Overburden									
13.45	30.09	BMS, Biotite Muscovite Schist This BMS unit has very weak to weak patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with 2% disseminated pyrite, and 2% pyrite in stringers.	1368236	13.45	15.00	1.55	0.04				
			1368237	15.00	16.50	1.50	0.03				
			1368238	16.50	18.00	1.50	0.04				
			1368239	18.00	19.50	1.50	0.06				
			1368241	19.50	21.00	1.50	0.07				
			1368242	21.00	22.50	1.50	0.13				
			1368243	22.50	24.00	1.50	0.14				
			1368244	24.00	25.50	1.50	0.12				
			1368245	25.50	27.00	1.50	0.27				
			1368246	25.50	27.00	1.50	0.21				
			1368247	27.00	28.50	1.50	1.32				
			1368248	28.50	30.00	1.50	0.07				
			1368249	30.00	31.00	1.00	0.60				

Hole Number: TL13307

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1	
30.09	41.93	MSS, Muscovite Sericite Schist MSS C-Zone from 30.09m-41.93m This C-Zone MSS is weak and patchy. The alteration in this unit consists of moderate patchy sericitic alteration and strong patchy silicification. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace to 1% sphalerite in stringers, trace galena blebs, and trace chalcopyrite blebs.	1368251	31.00	32.00	1.00	1.66					
			1368252	32.00	33.00	1.00	2.40					
			1368253	33.00	34.50	1.50	0.52					
			1368254	34.50	36.00	1.50	0.35					
			1368255	36.00	37.50	1.50	0.04					
			1368256	37.50	39.00	1.50	1.07					
			1368257	39.00	40.50	1.50	0.06					
			1368258	40.50	42.00	1.50	0.97					
41.93	99.00	BMS, Biotite Muscovite Schist This BMS unit has very weak to moderate patchy sericitic alteration and strong patchy silicification. There is also strong patchy chloritic and epidote alteration. This unit contains a wide variety of mineralization including 2% pyrite in stringers, 1% disseminated pyrite, trace sphalerite, trace galena blebs, trace pyrrhotite blebs, trace chalcopyrite blebs, trace Au blebs and trace electrum blebs. 3 specks of VG and about 10 specks of Electrum found in altered zone in boudinaged qtz veins with galena and chalcopyrite @ 93.78m depth	1368259	42.00	43.50	1.50	0.58					
			1368261	43.50	45.00	1.50	0.06					
			1368262	45.00	46.50	1.50	0.22					
			1368263	46.50	48.00	1.50	0.05					
			1368264	48.00	49.50	1.50	0.13					
			1368265	49.50	51.00	1.50	0.23					
			1368266	49.50	51.00	1.50	0.28					
			1368267	51.00	52.50	1.50	0.21					
			1368268	52.50	54.00	1.50	0.11					
			1368269	54.00	55.00	1.00	0.76					
			1368271	55.00	56.00	1.00	0.05					
			1368272	56.00	57.00	1.00	0.35					
			1368273	57.00	58.50	1.50	0.17					
			1368274	85.50	87.00	1.50	0.21					
			1368275	87.00	88.50	1.50	0.03					
			1368276	88.50	89.50	1.00	0.86					
			1368277	89.50	90.50	1.00	0.77					
			1368278	90.50	91.50	1.00	0.85					
			1368279	91.50	92.50	1.00	0.30					
			1368281	92.50	93.50	1.00					0.24	
			1368282	93.50	94.00	0.50					45.17	
			1368283	94.00	95.50	1.50					0.12	
			1368284	95.50	97.00	1.50					0.03	
			1368285	97.00	98.00	1.00					0.07	
			1368286	97.00	98.00	1.00					0.02	
			1368287	98.00	99.00	1.00					0.02	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368236	13.45	15.00	0.0410				
1368237	15.00	16.50	0.0290				
1368238	16.50	18.00	0.0370				
1368239	18.00	19.50	0.0610				

Hole Number: TL13307

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368241	19.50	21.00	0.0670				
1368242	21.00	22.50	0.1330				
1368243	22.50	24.00	0.1440				
1368244	24.00	25.50	0.1160				
1368245	25.50	27.00	0.2690				
1368247	27.00	28.50	1.3180				
1368248	28.50	30.00	0.0650				
1368249	30.00	31.00	0.5980				
1368251	31.00	32.00	1.6620				
1368252	32.00	33.00	2.4020				
1368253	33.00	34.50	0.5150				
1368254	34.50	36.00	0.3480				
1368255	36.00	37.50	0.0350				
1368256	37.50	39.00	1.0720				
1368257	39.00	40.50	0.0550				
1368258	40.50	42.00	0.9740				
1368259	42.00	43.50	0.5840				
1368261	43.50	45.00	0.0600				
1368262	45.00	46.50	0.2200				
1368263	46.50	48.00	0.0490				
1368264	48.00	49.50	0.1340				
1368265	49.50	51.00	0.2300				
1368267	51.00	52.50	0.2110				
1368268	52.50	54.00	0.1090				
1368269	54.00	55.00	0.7620				
1368271	55.00	56.00	0.0470				
1368272	56.00	57.00	0.3530				
1368273	57.00	58.50	0.1730				
1368274	85.50	87.00	0.2140				
1368275	87.00	88.50	0.0270				
1368276	88.50	89.50	0.8630				
1368277	89.50	90.50	0.7700				
1368278	90.50	91.50	0.8460				
1368279	91.50	92.50	0.3030				
1368281	92.50	93.50				0.2350	
1368282	93.50	94.00				45.1730	
1368283	94.00	95.50				0.1230	
1368284	95.50	97.00				0.0340	
1368285	97.00	98.00				0.0730	

Hole Number: TL13307

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type ASSAY							
1368287	98.00	99.00				0.0240	
Sample Type CDUP							
1368246	25.50	27.00	0.2060				
1368266	49.50	51.00	0.2780				
1368286	97.00	98.00				0.0180	

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13307	13.5	15.0	1368236	1.00	5.00	18.00	435.00	2.00	26.00	1.75	2.00	9.00	46.00	10.00	2.09	0.08	11.00	1.34	620.00
TL13307	15.0	16.5	1368237	0.50	5.62	19.00	573.00	2.00	15.00	1.83	2.00	7.00	25.00	13.00	1.69	0.04	12.00	1.20	524.00
TL13307	16.5	18.0	1368238	1.00	4.57	20.00	462.00	1.00	13.00	2.30	2.00	10.00	84.00	23.00	2.31	0.05	9.00	1.61	773.00
TL13307	18.0	19.5	1368239	0.50	4.06	26.00	298.00	2.00	21.00	1.66	2.00	17.00	114.00	31.00	3.62	0.01	12.00	2.23	880.00
TL13307	19.5	21.0	1368241	0.50	3.49	48.00	257.00	2.00	12.00	0.78	2.00	17.00	115.00	24.00	3.32	0.01	13.00	1.71	430.00
TL13307	21.0	22.5	1368242	0.50	4.59	28.00	420.00	2.00	10.00	0.60	2.00	11.00	91.00	37.00	2.58	0.09	15.00	1.59	427.00
TL13307	22.5	24.0	1368243	0.50	5.57	16.00	359.00	3.00	18.00	1.69	2.00	17.00	131.00	51.00	3.25	0.19	15.00	1.61	591.00
TL13307	24.0	25.5	1368244	0.50	5.55	27.00	437.00	2.00	14.00	1.57	2.00	15.00	89.00	28.00	2.75	0.16	14.00	1.40	552.00
TL13307	25.5	27.0	1368245	0.50	5.16	36.00	347.00	2.00	10.00	1.48	2.00	8.00	30.00	9.00	1.97	0.22	11.00	1.13	471.00
TL13307	25.5	27.0	1368246	0.50	3.81	31.00	288.00	2.00	43.00	1.31	2.00	6.00	28.00	7.00	1.63	0.14	7.00	0.98	417.00
TL13307	27.0	28.5	1368247	0.50	2.79	70.00	219.00	2.00	41.00	0.37	2.00	20.00	104.00	35.00	3.82	0.08	6.00	1.33	467.00
TL13307	28.5	30.0	1368248	0.50	4.60	32.00	267.00	2.00	13.00	0.83	2.00	14.00	75.00	29.00	2.68	0.07	11.00	1.64	626.00
TL13307	30.0	31.0	1368249	0.50	3.88	41.00	348.00	1.00	10.00	0.06	2.00	5.00	29.00	62.00	1.50	0.01	4.00	0.58	193.00
TL13307	31.0	32.0	1368251	4.00	4.16	70.00	278.00	2.00	10.00	0.65	9.00	8.00	38.00	216.00	2.73	0.09	10.00	0.94	382.00
TL13307	32.0	33.0	1368252	3.00	4.21	74.00	328.00	2.00	16.00	0.32	2.00	11.00	50.00	66.00	2.61	0.14	10.00	0.85	319.00
TL13307	33.0	34.5	1368253	1.00	3.95	42.00	241.00	2.00	35.00	1.30	2.00	7.00	31.00	22.00	1.62	0.01	12.00	1.19	569.00
TL13307	34.5	36.0	1368254	0.50	5.31	49.00	307.00	2.00	21.00	1.46	2.00	7.00	28.00	48.00	1.80	0.17	20.00	1.62	612.00
TL13307	36.0	37.5	1368255	0.50	5.17	28.00	266.00	1.00	32.00	1.58	2.00	6.00	28.00	4.00	1.60	0.06	17.00	1.67	571.00
TL13307	37.5	39.0	1368256	2.00	5.12	52.00	309.00	2.00	0.50	0.31	2.00	7.00	31.00	21.00	1.80	0.17	13.00	0.69	227.00
TL13307	39.0	40.5	1368257	0.50	6.17	30.00	279.00	1.00	24.00	1.67	2.00	7.00	29.00	23.00	1.81	0.20	17.00	1.34	458.00
TL13307	40.5	42.0	1368258	5.00	5.22	44.00	327.00	2.00	30.00	0.39	5.00	10.00	67.00	63.00	1.56	0.24	12.00	0.63	178.00
TL13307	42.0	43.5	1368259	0.50	6.93	6.00	385.00	2.00	10.00	1.29	2.00	20.00	139.00	43.00	3.50	0.22	21.00	1.58	580.00
TL13307	43.5	45.0	1368261	0.50	5.97	27.00	292.00	2.00	44.00	0.95	2.00	16.00	97.00	19.00	3.35	0.11	18.00	2.04	459.00
TL13307	45.0	46.5	1368262	0.50	3.01	71.00	128.00	2.00	27.00	0.72	2.00	12.00	107.00	23.00	2.49	0.11	10.00	1.46	481.00
TL13307	46.5	48.0	1368263	1.00	4.78	19.00	323.00	2.00	27.00	0.40	2.00	18.00	124.00	50.00	3.17	0.17	11.00	1.22	490.00
TL13307	48.0	49.5	1368264	0.50	5.20	32.00	305.00	3.00	17.00	2.31	2.00	10.00	56.00	36.00	2.37	0.15	12.00	1.74	1185.00
TL13307	49.5	51.0	1368265	0.50	4.24	69.00	272.00	2.00	19.00	1.32	2.00	10.00	56.00	24.00	1.91	0.19	9.00	1.07	591.00
TL13307	49.5	51.0	1368266	0.50	3.83	66.00	282.00	1.00	30.00	1.17	2.00	9.00	56.00	24.00	1.85	0.18	8.00	1.05	581.00
TL13307	51.0	52.5	1368267	1.00	5.13	49.00	236.00	1.00	27.00	1.07	2.00	21.00	144.00	46.00	3.69	0.25	14.00	1.39	565.00
TL13307	52.5	54.0	1368268	0.50	5.50	18.00	256.00	2.00	18.00	1.11	2.00	23.00	161.00	54.00	4.15	0.23	21.00	1.60	596.00
TL13307	54.0	55.0	1368269	0.50	4.85	24.00	285.00	1.00	32.00	0.79	2.00	22.00	166.00	52.00	4.17	0.05	13.00	1.26	527.00
TL13307	55.0	56.0	1368271	0.50	5.26	12.00	370.00	4.00	0.50	1.60	2.00	20.00	142.00	44.00	3.43	0.09	17.00	1.36	690.00
TL13307	56.0	57.0	1368272	2.00	4.30	58.00	273.00	2.00	21.00	1.25	2.00	13.00	97.00	167.00	3.17	0.18	11.00	1.04	556.00
TL13307	57.0	58.5	1368273	0.50	4.87	32.00	334.00	2.00	15.00	1.91	2.00	13.00	85.00	39.00	2.60	0.14	11.00	1.20	784.00
TL13307	85.5	87.0	1368274	0.50	3.94	45.00	341.00	3.00	41.00	1.71	2.00	22.00	130.00	47.00	3.83	0.14	15.00	1.25	733.00
TL13307	87.0	88.5	1368275	0.50	4.31	7.00	349.00	2.00	40.00	1.69	2.00	19.00	144.00	51.00	3.74	0.13	21.00	1.36	707.00
TL13307	88.5	89.5	1368276	0.50	4.02	39.00	392.00	1.00	0.50	1.07	2.00	21.00	147.00	108.00	3.76	0.09	19.00	1.04	544.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13307	13.5	15.0	1368236	0.50	43.00	540.00	106.00	1.31	15.00	2.50	5.00	112.00	1678.00	1.00	42.00	12.00	8.00	391.00
TL13307	15.0	16.5	1368237	1.00	31.00	542.00	32.00	1.25	9.00	2.50	5.00	115.00	1601.00	1.00	35.00	5.00	6.00	57.00
TL13307	16.5	18.0	1368238	4.00	56.00	468.00	93.00	1.42	12.00	6.00	5.00	106.00	1552.00	1.00	53.00	11.00	10.00	130.00
TL13307	18.0	19.5	1368239	2.00	75.00	851.00	54.00	1.91	7.00	2.50	5.00	84.00	1753.00	1.00	69.00	5.00	11.00	124.00
TL13307	19.5	21.0	1368241	1.00	67.00	552.00	70.00	2.32	6.00	2.50	5.00	68.00	1582.00	1.00	60.00	5.00	11.00	337.00
TL13307	21.0	22.5	1368242	4.00	56.00	469.00	77.00	1.41	8.00	2.50	5.00	61.00	1424.00	1.00	51.00	14.00	10.00	285.00
TL13307	22.5	24.0	1368243	2.00	74.00	553.00	51.00	1.16	5.00	5.00	5.00	133.00	2230.00	1.00	69.00	5.00	13.00	103.00
TL13307	24.0	25.5	1368244	2.00	67.00	524.00	36.00	1.41	14.00	2.50	5.00	115.00	1973.00	1.00	57.00	10.00	10.00	70.00
TL13307	25.5	27.0	1368245	2.00	39.00	487.00	51.00	1.62	8.00	2.50	5.00	87.00	1419.00	1.00	37.00	5.00	7.00	77.00
TL13307	25.5	27.0	1368246	0.50	32.00	464.00	44.00	1.34	9.00	2.50	5.00	76.00	1220.00	1.00	31.00	11.00	6.00	70.00
TL13307	27.0	28.5	1368247	7.00	92.00	458.00	46.00	2.71	8.00	2.50	5.00	42.00	1603.00	1.00	62.00	10.00	9.00	181.00
TL13307	28.5	30.0	1368248	3.00	62.00	489.00	50.00	1.63	2.50	2.50	5.00	57.00	1678.00	1.00	55.00	5.00	8.00	98.00
TL13307	30.0	31.0	1368249	2.00	39.00	400.00	127.00	1.49	7.00	2.50	5.00	43.00	1499.00	1.00	39.00	17.00	6.00	607.00
TL13307	31.0	32.0	1368251	4.00	44.00	448.00	627.00	2.77	22.00	2.50	5.00	56.00	1332.00	1.00	39.00	61.00	6.00	2825.00
TL13307	32.0	33.0	1368252	1.00	40.00	471.00	325.00	2.47	22.00	2.50	5.00	45.00	1590.00	1.00	45.00	30.00	7.00	935.00
TL13307	33.0	34.5	1368253	3.00	41.00	440.00	72.00	1.34	11.00	2.50	5.00	63.00	1206.00	1.00	33.00	5.00	6.00	116.00
TL13307	34.5	36.0	1368254	0.50	32.00	466.00	66.00	1.30	14.00	2.50	5.00	74.00	1488.00	1.00	35.00	5.00	6.00	185.00
TL13307	36.0	37.5	1368255	1.00	32.00	464.00	35.00	1.05	10.00	2.50	5.00	81.00	1379.00	1.00	35.00	5.00	6.00	71.00
TL13307	37.5	39.0	1368256	3.00	43.00	447.00	132.00	1.85	13.00	2.50	5.00	55.00	1639.00	1.00	41.00	17.00	6.00	312.00
TL13307	39.0	40.5	1368257	2.00	35.00	490.00	66.00	1.52	13.00	2.50	5.00	94.00	1504.00	1.00	38.00	17.00	7.00	311.00
TL13307	40.5	42.0	1368258	3.00	54.00	408.00	287.00	1.47	23.00	2.50	5.00	56.00	1719.00	1.00	59.00	41.00	8.00	1383.00
TL13307	42.0	43.5	1368259	3.00	85.00	529.00	45.00	1.41	5.00	2.50	5.00	97.00	2407.00	1.00	90.00	14.00	14.00	256.00
TL13307	43.5	45.0	1368261	9.00	70.00	463.00	46.00	1.83	10.00	2.50	5.00	83.00	1508.00	1.00	66.00	12.00	8.00	460.00
TL13307	45.0	46.5	1368262	4.00	67.00	457.00	27.00	1.00	15.00	2.50	5.00	59.00	1149.00	1.00	59.00	5.00	7.00	67.00
TL13307	46.5	48.0	1368263	4.00	82.00	537.00	49.00	1.61	8.00	2.50	5.00	53.00	1666.00	1.00	79.00	5.00	9.00	96.00
TL13307	48.0	49.5	1368264	4.00	54.00	495.00	47.00	1.19	15.00	2.50	5.00	85.00	1574.00	1.00	39.00	5.00	8.00	130.00
TL13307	49.5	51.0	1368265	3.00	67.00	471.00	124.00	1.32	6.00	6.00	5.00	70.00	1428.00	1.00	33.00	5.00	6.00	255.00
TL13307	49.5	51.0	1368266	3.00	59.00	501.00	121.00	1.21	13.00	2.50	5.00	64.00	1468.00	1.00	36.00	11.00	6.00	189.00
TL13307	51.0	52.5	1368267	4.00	106.00	480.00	114.00	1.99	11.00	2.50	5.00	88.00	1823.00	1.00	76.00	5.00	11.00	147.00
TL13307	52.5	54.0	1368268	4.00	116.00	527.00	55.00	1.20	16.00	2.50	5.00	107.00	2380.00	1.00	92.00	5.00	10.00	73.00
TL13307	54.0	55.0	1368269	7.00	139.00	488.00	52.00	1.82	6.00	2.50	5.00	102.00	1903.00	1.00	89.00	13.00	10.00	129.00
TL13307	55.0	56.0	1368271	2.00	89.00	522.00	38.00	1.03	8.00	2.50	5.00	138.00	2428.00	1.00	75.00	10.00	15.00	109.00
TL13307	56.0	57.0	1368272	4.00	79.00	403.00	475.00	2.13	17.00	2.50	5.00	101.00	1824.00	1.00	47.00	23.00	10.00	882.00
TL13307	57.0	58.5	1368273	5.00	88.00	486.00	48.00	1.21	7.00	2.50	5.00	103.00	1786.00	1.00	47.00	5.00	10.00	77.00
TL13307	85.5	87.0	1368274	2.00	83.00	505.00	103.00	2.32	12.00	2.50	5.00	130.00	2056.00	1.00	68.00	14.00	13.00	418.00
TL13307	87.0	88.5	1368275	2.00	83.00	553.00	34.00	1.16	9.00	2.50	5.00	155.00	2589.00	1.00	74.00	5.00	15.00	83.00
TL13307	88.5	89.5	1368276	3.00	106.00	583.00	82.00	1.73	11.00	2.50	5.00	121.00	2587.00	1.00	81.00	11.00	15.00	136.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13307	89.5	90.5	1368277	1.00	2.08	86.00	401.00	3.00	15.00	0.72	5.00	15.00	129.00	359.00	3.51	0.01	8.00	0.76	426.00
TL13307	90.5	91.5	1368278	0.50	3.27	130.00	649.00	4.00	34.00	0.64	2.00	18.00	119.00	53.00	3.29	0.01	14.00	0.68	395.00
TL13307	91.5	92.5	1368279	0.50	3.42	71.00	332.00	4.00	13.00	1.16	2.00	12.00	78.00	25.00	2.65	0.04	13.00	0.91	454.00
TL13307	92.5	93.5	1368281	0.50	4.41	104.00	366.00	2.00	30.00	0.54	2.00	19.00	129.00	68.00	2.83	0.01	17.00	0.83	394.00
TL13307	93.5	94.0	1368282	186.00	4.49	56.00	397.00	1.00	34.00	0.96	4.00	15.00	123.00	165.00	2.98	0.01	17.00	0.96	552.00
TL13307	94.0	95.5	1368283	0.50	4.46	32.00	278.00	2.00	20.00	1.50	2.00	18.00	128.00	41.00	2.94	0.06	19.00	1.21	585.00
TL13307	95.5	97.0	1368284	0.50	4.46	15.00	219.00	1.00	23.00	1.06	2.00	18.00	136.00	39.00	3.22	0.01	29.00	1.30	508.00
TL13307	97.0	98.0	1368285	0.50	5.00	20.00	336.00	2.00	24.00	1.12	2.00	15.00	132.00	41.00	3.10	0.01	33.00	1.50	426.00
TL13307	97.0	98.0	1368286	0.50	4.76	19.00	313.00	2.00	20.00	1.07	2.00	16.00	117.00	39.00	3.18	0.01	34.00	1.55	445.00
TL13307	98.0	99.0	1368287	0.50	5.55	19.00	315.00	2.00	35.00	1.38	2.00	18.00	126.00	39.00	3.41	0.01	30.00	1.57	537.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13307	89.5	90.5	1368277	5.00	104.00	184.00	430.00	0.16	15.00	14.00	5.00	112.00	1883.00	1.00	67.00	57.00	11.00	2410.00
TL13307	90.5	91.5	1368278	5.00	96.00	217.00	140.00	0.16	18.00	17.00	5.00	109.00	2015.00	1.00	61.00	19.00	12.00	186.00
TL13307	91.5	92.5	1368279	3.00	73.00	245.00	148.00	0.12	12.00	12.00	5.00	113.00	1765.00	1.00	46.00	14.00	9.00	143.00
TL13307	92.5	93.5	1368281	0.50	75.00	589.00	90.00	2.59	2.50	7.00	5.00	97.00	2287.00	1.00	75.00	5.00	13.00	241.00
TL13307	93.5	94.0	1368282	0.50	76.00	563.00	184.00	2.51	2.50	5.00	5.00	109.00	2119.00	27.00	63.00	17.00	13.00	896.00
TL13307	94.0	95.5	1368283	0.50	67.00	439.00	24.00	2.01	2.50	8.00	5.00	149.00	2111.00	1.00	62.00	5.00	13.00	122.00
TL13307	95.5	97.0	1368284	0.50	67.00	417.00	20.00	1.91	2.50	13.00	5.00	128.00	2132.00	1.00	64.00	5.00	12.00	66.00
TL13307	97.0	98.0	1368285	0.50	69.00	419.00	25.00	1.78	2.50	11.00	5.00	128.00	1873.00	1.00	59.00	5.00	10.00	72.00
TL13307	97.0	98.0	1368286	0.50	70.00	423.00	23.00	1.76	2.50	7.00	5.00	125.00	1832.00	1.00	58.00	5.00	10.00	80.00
TL13307	98.0	99.0	1368287	0.50	67.00	483.00	29.00	1.89	2.50	9.00	5.00	127.00	2169.00	1.00	70.00	5.00	12.00	56.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13307	13.5	30.1	16.6	PY	ST	2	2% py in 1-3mm wide stringers oriented semi-parallel to foliation w/ some condensed patches
TL13307	13.5	30.1	16.6	PY	DISS	2	2% disseminated py throughout the interval
TL13307	30.1	41.9	11.8	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13307	30.1	41.9	11.8	PB	BLB	0.1	Trace gal blebs found associated w/ sph mineralization
TL13307	30.1	41.9	11.8	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13307	30.1	41.9	11.8	PY	ST	1	1% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13307	30.1	41.9	11.8	PY	DISS	1	1% disseminated py throughout the interval
TL13307	41.9	99.0	57.1	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins
TL13307	41.9	99.0	57.1	PY	DISS	1	1% disseminated py throughout the interval
TL13307	41.9	99.0	57.1	PY	ST	2	2% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13307	41.9	99.0	57.1	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation where ser alt is present
TL13307	41.9	99.0	57.1	PY	BLB	0.1	Trace py blebs in and along margins of qtz veins
TL13307	41.9	99.0	57.1	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13307	93.8	93.9	0.1	AU	BLB	0.1	3 1mm flecks of VG in smokey grey boudinaged qtz vein associated w/ gal and cpy at 93.78m
TL13307	93.8	93.9	0.1	EI	BLB	0.1	Trace electrum in 1-4mm wide smeared blebs found w/ Au, gal and cpy @ 93.78m

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13307	13.5	21.0	7.6	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13307	13.5	30.1	16.6	FR	Very Strong		V. strongly fractured throughout the unit oriented parallel to foliation, lots of rubble piles
TL13307	21.0	30.1	9.1	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13307	30.1	33.0	2.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13307	33.0	38.0	5.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13307	38.0	39.0	1.0	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13307	39.0	41.9	2.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13307	41.9	46.9	5.0	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13307	41.9	99.0	57.1	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13307	41.9	99.0	57.1	FR	Very Weak	25	V. weak fracture set along foliation at 25 deg TCA
TL13307	46.9	54.7	7.8	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13307	54.7	61.5	6.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13307	61.5	72.0	10.5	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13307	72.0	73.5	1.5	FOL	Moderate	50	Moderate foliation at 50 deg TCA
TL13307	73.5	99.0	25.5	FOL	Moderate	55	Moderate foliation at 55 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13307	13.5	26.2	12.7	SR	Patchy	Very Weak	V.weak patchy ser alt, 15% ser to 85% bio
TL13307	13.5	30.1	16.6	SI	Patchy	Strong	Strong patchy sil alt
TL13307	26.2	27.9	1.7	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13307	27.9	30.1	2.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13307	30.1	41.9	11.8	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13307	30.1	41.9	11.8	SI	Patchy	Strong	Strong patchy sil alt
TL13307	41.9	78.6	36.7	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13307	41.9	99.0	57.1	SI	Patchy	Strong	Strong patchy sil alt
TL13307	78.6	79.8	1.2	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13307	78.6	79.8	1.2	CH	Patchy	Strong	Strong patchy chl alt throughout the interval
TL13307	78.6	79.8	1.2	E	Patchy	Strong	Strong patchy epid alt
TL13307	79.8	89.4	9.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13307	89.4	93.0	3.6	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13307	93.0	99.0	6.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13307	15	18	3	2.85	2.01	95	67	15	
TL13307	18	21	3	2.92	1.17	97.33	39	41	
TL13307	21	24	3	3	1.29	100	43	50	
TL13307	24	27	3	2.98	1.63	99.33	54.33	32	
TL13307	27	30	3	3.02	1.68	100.67	56	29	
TL13307	30	33	3	2.96	2.67	98.67	89	12	
TL13307	33	36	3	2.98	2.61	99.33	87	12	
TL13307	36	39	3	2.97	2.28	99	76	18	
TL13307	39	42	3	2.97	2.82	99	94	11	
TL13307	42	45	3	3	2.07	100	69	32	
TL13307	45	48	3	2.98	2.16	99.33	72	21	
TL13307	48	51	3	3.01	2.76	100.33	92	11	
TL13307	51	54	3	2.95	1.98	98.33	66	27	
TL13307	54	57	3	3.04	2.53	101.33	84.33	19	
TL13307	57	60	3	3.02	2.61	100.67	87	16	
TL13307	60	63	3	2.94	2.86	98	95.33	6	
TL13307	63	66	3	2.96	2.77	98.67	92.33	8	
TL13307	66	69	3	3.02	2.95	100.67	98.33	7	
TL13307	69	72	3	2.9	2.9	96.67	96.67	6	
TL13307	72	75	3	3.03	2.92	101	97.33	11	
TL13307	75	78	3	2.97	2.92	99	97.33	8	
TL13307	78	81	3	2.88	1.84	96	61.33	24	
TL13307	81	84	3	2.98	2.6	99.33	86.67	9	
TL13307	84	87	3	3.1	3.07	103.33	102.33	6	
TL13307	87	90	3	2.98	2.47	99.33	82.33	10	
TL13307	90	93	3	2.97	2.61	99	87	11	
TL13307	93	96	3	3	2.14	100	71.33	12	
TL13307	96	99	3	2.98	2.26	99.33	75.33	18	EOH

DETAILED LOG

Hole Number: TL13308

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
8.83	36.83	BMS, Biotite Muscovite Schist This BMS unit has moderate patchy sericitic alteration, weak to very strong patchy silicification and weak patchy chloritic alteration. This unit is very patchy throughout alternating between sericite and biotite bands. This unit is poorly mineralized with 1% disseminated pyrite, trace sphalerite in stringers, trace galena blebs and trace pyrite stringers.	1368288	9.00	10.50	1.50	0.02				
			1368289	10.50	12.00	1.50	0.04				
			1368291	12.00	13.50	1.50	0.03				
			1368292	13.50	15.00	1.50	0.01				
			1368293	15.00	16.50	1.50	0.12				
			1368294	16.50	18.00	1.50	0.01				
			1368295	18.00	19.50	1.50	0.03				
			1368296	19.50	21.00	1.50	0.05				
			1368297	21.00	22.00	1.00	0.06				
			1368298	22.00	23.00	1.00	0.01				
			1368299	23.00	24.00	1.00	0.12				
			1368301	24.00	25.50	1.50	0.29				
			1368302	25.50	27.00	1.50	0.04				
			1368303	27.00	28.50	1.50	0.01				
			1368304	28.50	30.00	1.50	0.03				
			1368306	30.00	31.50	1.50	0.03				
			1368305	30.00	31.50	1.50	0.06				
			1368307	31.50	33.00	1.50	0.02				
			1368308	33.00	34.50	1.50	0.02				
			1368309	34.50	35.50	1.00	0.02				
			1368311	35.50	36.80	1.30	0.00				
			1368312	36.80	38.30	1.50	0.00				
36.83	44.96	MSS, Muscovite Sericite Schist MSS Hanging Wall? 36.83m-44.96m This MSS unit has very strong pervasive to patchy sericitic alteration, very weak patchy chloritic alteration and strong patchy silicification turning to very weak patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite, pyrite in stringers, trace sphalerite in stringers and trace galena blebs. The only mineralized interval occurs between 41.6m-41.8m where the rocks are broken up and do not properly fit together. Looks like the drill bit was dull or was just swapped out.	1368313	38.30	39.80	1.50	0.01				
			1368314	39.80	41.30	1.50	0.00				
			1368315	41.30	42.30	1.00	0.06				
			1368316	42.30	43.50	1.20	0.01				
			1368317	43.50	45.00	1.50	0.02				
44.96	59.40	BMS, Biotite Muscovite Schist This BMS unit has very weak to moderate patchy sericitic alteration, strong to very strong pervasive silicification, and very weak patchy chloritic alteration. This unit has trace to 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, trace pyrrhotite blebs and trace chalcopyrite blebs.	1368318	45.00	46.50	1.50	0.02				
			1368319	46.50	48.00	1.50	0.04				
			1368321	48.00	49.50	1.50	0.03				
			1368322	49.50	51.00	1.50	0.02				
			1368323	51.00	52.50	1.50	0.06				
			1368324	52.50	54.00	1.50	0.05				
			1368325	54.00	55.50	1.50	0.16				
			1368326	54.00	55.50	1.50	0.12				
			1368327	55.50	57.00	1.50	0.08				
			1368328	57.00	58.50	1.50	0.10				
			1368329	58.50	59.40	0.90	0.05				

Hole Number: TL13308

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
59.40	68.50	MSS, Muscovite Sericite Schist MSS C-Zone From 59.40m-68.50m This C-Zone MSS has moderate patchy sericitic alteration and moderate patchy silicification. This unit is moderately mineralized with 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers and trace galena blebs.	1368331	59.40	61.00	1.60	0.07				
			1368332	61.00	62.50	1.50	0.76				
			1368333	62.50	63.50	1.00	0.07				
			1368334	63.50	65.00	1.50	0.16				
			1368335	65.00	66.50	1.50	0.25				
			1368336	66.50	67.50	1.00	3.92				
			1368337	67.50	68.50	1.00	0.97				
68.50	76.15	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration and weak patchy silicification. This unit is poorly mineralized with trace to 1% pyrite in stringers, trace disseminated pyrite, trace sphalerite in stringers, and trace galena blebs associated with the sphalerite stringers.	1368338	68.50	70.00	1.50	0.25				
			1368339	70.00	71.50	1.50	0.15				
			1368341	71.50	73.00	1.50	0.13				
			1368342	73.00	74.00	1.00	0.17				
			1368343	74.00	75.00	1.00	0.06				
			1368344	75.00	76.10	1.10	0.11				
			1368345	76.10	77.40	1.30	0.03				
76.15	82.78	MSS, Muscovite Sericite Schist MSS C-Zone Contd from 76.15m-82.78m This MSS unit has moderate patchy sericitic alteration and weak patchy silicification. This unit is mineralized with 1% pyrite in stringers, 1% disseminated pyrite, trace to 1% sphalerite in stringers, trace galena blebs, and 3 possible flecks of VG at 78.49m depth.	1368347	77.40	78.40	1.00	0.55				
			1368348	78.40	78.90	0.50	1.34				
			1368349	78.90	80.40	1.50	0.13				
			1368351	80.40	81.80	1.40	0.13				
			1368352	81.80	82.80	1.00	0.14				
82.78	86.96	BMS, Biotite Muscovite Schist This BMS unit has moderate patchy silicification and very weak patchy sericitic alteration. This unit is very poorly mineralized with trace disseminated pyrite and trace pyrite in stringers.	1368353	82.80	84.30	1.50	0.52				
			1368354	84.30	85.80	1.50	0.02				
			1368355	85.80	87.00	1.20	0.19				
86.96	94.58	MSS, Muscovite Sericite Schist MSS Possible D-Zone? from 86.96m-94.58m This MSS unit has strong to very strong patchy sericitic alteration and moderate patchy silicification. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, and trace arsenopyrite blebs.	1368356	87.00	88.50	1.50	0.70				
			1368357	88.50	90.00	1.50	2.41				
			1368358	90.00	91.00	1.00	0.39				
			1368359	91.00	92.00	1.00	0.30				
			1368361	92.00	93.50	1.50	0.08				
			1368362	93.50	94.60	1.10	0.87				
94.58	104.16	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace chalcopyrite blebs, and trace pyrrhotite blebs.	1368363	94.60	96.10	1.50	0.04				
			1368364	96.10	97.60	1.50	0.06				
			1368365	97.60	99.10	1.50	0.06				
			1368366	97.60	99.10	1.50	0.04				
			1368367	99.10	100.60	1.50	0.05				
			1368368	100.60	102.10	1.50	0.06				
			1368369	102.10	103.10	1.00	0.03				
			1368371	103.10	104.10	1.00	0.05				
		1368372	104.10	105.00	0.90	0.21					

Hole Number: TL13308

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
104.16	111.58	MD, Mafic Dyke	1368373	105.00	106.50	1.50	0.07				
		Mafic dyke swarm mixed in with host rock BMS	1368374	106.50	108.00	1.50	0.04				
		This Mafic Dyke unit has very weak patchy sericitic alteration with a 1.58m patch of very strong sericitic alteration at the end of the unit. This unit is also very strongly silicified and patchy and has strong patchy chloritic alteration. This unit is poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers and trace chalcopyrite blebs.	1368375	108.00	109.50	1.50	0.05				
			1368376	109.50	110.50	1.00	0.22				
			1368377	110.50	111.60	1.10	0.14				
111.58	135.00	BMS, Biotite Muscovite Schist	1368378	111.60	113.10	1.50	0.09				
		This BMS unit starts out with very strong patchy sericitic alteration before turning to very weak and patchy. There is also strong patchy silicification and moderate patchy chloritic alteration. This unit has 1% disseminated pyrite, trace py in stringers, trace sphalerite in stringers and trace pyrrhotite blebs.	1368379	113.10	114.60	1.50	0.18				
			1368381	114.60	116.10	1.50	0.06				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368288	9.00	10.50	0.0160				
1368289	10.50	12.00	0.0390				
1368291	12.00	13.50	0.0340				
1368292	13.50	15.00	0.0100				
1368293	15.00	16.50	0.1210				
1368294	16.50	18.00	0.0080				
1368295	18.00	19.50	0.0280				
1368296	19.50	21.00	0.0450				
1368297	21.00	22.00	0.0610				
1368298	22.00	23.00	0.0130				
1368299	23.00	24.00	0.1220				
1368301	24.00	25.50	0.2890				
1368302	25.50	27.00	0.0430				
1368303	27.00	28.50	0.0060				
1368304	28.50	30.00	0.0270				
1368305	30.00	31.50	0.0590				
1368307	31.50	33.00	0.0220				
1368308	33.00	34.50	0.0170				
1368309	34.50	35.50	0.0160				
1368311	35.50	36.80	0.0030				
1368312	36.80	38.30	0.0040				
1368313	38.30	39.80	0.0120				
1368314	39.80	41.30	0.0040				
1368315	41.30	42.30	0.0590				
1368316	42.30	43.50	0.0090				

Hole Number: TL13308

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368317	43.50	45.00	0.0200				
1368318	45.00	46.50	0.0180				
1368319	46.50	48.00	0.0350				
1368321	48.00	49.50	0.0330				
1368322	49.50	51.00	0.0200				
1368323	51.00	52.50	0.0580				
1368324	52.50	54.00	0.0510				
1368325	54.00	55.50	0.1620				
1368327	55.50	57.00	0.0760				
1368328	57.00	58.50	0.1010				
1368329	58.50	59.40	0.0480				
1368331	59.40	61.00	0.0730				
1368332	61.00	62.50	0.7610				
1368333	62.50	63.50	0.0690				
1368334	63.50	65.00	0.1610				
1368335	65.00	66.50	0.2540				
1368336	66.50	67.50	3.9190				
1368337	67.50	68.50	0.9690				
1368338	68.50	70.00	0.2510				
1368339	70.00	71.50	0.1480				
1368341	71.50	73.00	0.1270				
1368342	73.00	74.00	0.1670				
1368343	74.00	75.00	0.0590				
1368344	75.00	76.10	0.1060				
1368345	76.10	77.40	0.0340				
1368347	77.40	78.40	0.5490				
1368348	78.40	78.90	1.3390				
1368349	78.90	80.40	0.1260				
1368351	80.40	81.80	0.1290				
1368352	81.80	82.80	0.1410				
1368353	82.80	84.30	0.5160				
1368354	84.30	85.80	0.0210				
1368355	85.80	87.00	0.1870				
1368356	87.00	88.50	0.6970				
1368357	88.50	90.00	2.4090				
1368358	90.00	91.00	0.3870				
1368359	91.00	92.00	0.3040				
1368361	92.00	93.50	0.0820				
1368362	93.50	94.60	0.8740				

Hole Number: TL13308

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368363	94.60	96.10	0.0390				
1368364	96.10	97.60	0.0600				
1368365	97.60	99.10	0.0560				
1368367	99.10	100.60	0.0510				
1368368	100.60	102.10	0.0550				
1368369	102.10	103.10	0.0260				
1368371	103.10	104.10	0.0500				
1368372	104.10	105.00	0.2050				
1368373	105.00	106.50	0.0720				
1368374	106.50	108.00	0.0420				
1368375	108.00	109.50	0.0510				
1368376	109.50	110.50	0.2230				
1368377	110.50	111.60	0.1420				
1368378	111.60	113.10	0.0860				
1368379	113.10	114.60	0.1750				
1368381	114.60	116.10	0.0570				
Sample Type	CDUP						
1368306	30.00	31.50	0.0340				
1368326	54.00	55.50	0.1190				
1368346	76.10	77.40	0.1780				
1368366	97.60	99.10	0.0410				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13308	9.0	10.5	1368288	0.50	4.95	1.00	174.00	4.00	17.00	1.39	2.00	4.00	25.00	4.00	1.75	0.24	12.00	2.68	1210.00
TL13308	10.5	12.0	1368289	0.50	4.28	12.00	177.00	3.00	25.00	0.86	2.00	4.00	23.00	4.00	1.47	0.16	6.00	1.66	737.00
TL13308	12.0	13.5	1368291	0.50	3.79	5.00	153.00	3.00	35.00	0.83	2.00	3.00	26.00	2.00	1.49	0.15	6.00	1.76	714.00
TL13308	13.5	15.0	1368292	0.50	3.67	6.00	148.00	3.00	49.00	1.54	2.00	3.00	26.00	5.00	1.61	0.13	6.00	1.78	1077.00
TL13308	15.0	16.5	1368293	0.50	3.68	19.00	141.00	4.00	14.00	1.11	2.00	3.00	22.00	15.00	1.71	0.10	7.00	1.00	791.00
TL13308	16.5	18.0	1368294	0.50	4.35	7.00	137.00	4.00	32.00	1.60	2.00	2.00	24.00	4.00	1.39	0.13	9.00	1.30	1053.00
TL13308	18.0	19.5	1368295	0.50	4.72	8.00	156.00	3.00	33.00	1.92	2.00	3.00	24.00	4.00	1.59	0.09	10.00	1.47	1294.00
TL13308	19.5	21.0	1368296	0.50	4.17	16.00	146.00	4.00	17.00	1.26	2.00	2.00	49.00	9.00	1.38	0.11	10.00	1.05	881.00
TL13308	21.0	22.0	1368297	2.00	4.97	32.00	185.00	5.00	14.00	1.72	2.00	4.00	39.00	30.00	1.93	0.10	12.00	1.28	937.00
TL13308	22.0	23.0	1368298	0.50	4.77	29.00	238.00	5.00	50.00	1.93	2.00	3.00	36.00	8.00	1.50	0.26	9.00	1.40	916.00
TL13308	23.0	24.0	1368299	1.00	6.19	68.00	526.00	4.00	46.00	2.31	2.00	4.00	58.00	33.00	2.70	0.51	16.00	1.49	767.00
TL13308	24.0	25.5	1368301	0.50	4.05	73.00	417.00	4.00	29.00	1.88	2.00	7.00	63.00	27.00	2.80	0.18	10.00	1.32	516.00
TL13308	25.5	27.0	1368302	0.50	5.61	15.00	698.00	3.00	38.00	1.61	2.00	9.00	78.00	19.00	2.11	0.12	16.00	1.02	449.00
TL13308	27.0	28.5	1368303	0.50	4.32	9.00	494.00	4.00	59.00	1.99	2.00	4.00	48.00	16.00	1.57	0.13	10.00	1.20	647.00
TL13308	28.5	30.0	1368304	0.50	5.25	20.00	583.00	4.00	61.00	2.25	2.00	6.00	33.00	26.00	2.33	0.04	13.00	1.60	932.00
TL13308	30.0	31.5	1368305	1.00	5.98	21.00	515.00	5.00	21.00	3.14	2.00	7.00	36.00	103.00	2.39	0.16	14.00	1.99	1144.00
TL13308	30.0	31.5	1368306	0.50	4.96	17.00	434.00	3.00	21.00	2.74	2.00	5.00	29.00	47.00	2.05	0.05	11.00	1.79	1022.00
TL13308	31.5	33.0	1368307	0.50	6.13	12.00	497.00	5.00	45.00	3.60	2.00	6.00	33.00	6.00	2.53	0.37	14.00	2.07	1062.00
TL13308	33.0	34.5	1368308	0.50	5.73	12.00	565.00	5.00	42.00	2.86	2.00	5.00	28.00	6.00	2.13	0.21	11.00	1.94	856.00
TL13308	34.5	35.5	1368309	0.50	4.85	2.00	418.00	3.00	42.00	2.91	2.00	13.00	76.00	68.00	2.89	0.09	12.00	1.69	984.00
TL13308	35.5	36.8	1368311	0.50	4.36	2.00	517.00	3.00	42.00	1.54	2.00	7.00	55.00	15.00	1.71	0.16	12.00	1.30	601.00
TL13308	36.8	38.3	1368312	0.50	4.22	11.00	418.00	3.00	7.00	1.84	2.00	5.00	35.00	9.00	1.40	0.12	16.00	1.31	666.00
TL13308	38.3	39.8	1368313	0.50	4.69	16.00	457.00	4.00	35.00	1.64	2.00	4.00	32.00	10.00	1.41	0.06	15.00	1.34	638.00
TL13308	39.8	41.3	1368314	0.50	4.79	24.00	497.00	4.00	31.00	1.45	2.00	5.00	28.00	11.00	1.31	0.01	13.00	1.21	564.00
TL13308	41.3	42.3	1368315	0.50	4.03	35.00	375.00	4.00	28.00	1.13	2.00	5.00	32.00	18.00	1.81	0.13	10.00	0.99	515.00
TL13308	42.3	43.5	1368316	0.50	5.04	27.00	421.00	3.00	45.00	1.39	2.00	4.00	27.00	4.00	1.21	0.15	12.00	1.09	467.00
TL13308	43.5	45.0	1368317	0.50	4.18	14.00	430.00	3.00	28.00	1.40	2.00	4.00	30.00	8.00	1.16	0.11	11.00	1.11	482.00
TL13308	45.0	46.5	1368318	0.50	6.05	14.00	612.00	4.00	94.00	2.20	2.00	4.00	30.00	15.00	1.44	0.11	14.00	1.46	575.00
TL13308	46.5	48.0	1368319	0.50	4.90	16.00	522.00	3.00	62.00	2.25	2.00	4.00	20.00	16.00	1.50	0.25	10.00	1.53	635.00
TL13308	48.0	49.5	1368321	0.50	4.16	13.00	471.00	3.00	16.00	1.57	2.00	4.00	30.00	13.00	1.37	0.12	9.00	1.24	501.00
TL13308	49.5	51.0	1368322	0.50	4.15	20.00	446.00	3.00	27.00	1.28	2.00	4.00	29.00	5.00	1.35	0.13	15.00	1.24	476.00
TL13308	51.0	52.5	1368323	0.50	4.11	21.00	397.00	4.00	25.00	1.42	2.00	5.00	29.00	101.00	1.62	0.22	16.00	1.55	502.00
TL13308	52.5	54.0	1368324	0.50	4.06	20.00	453.00	3.00	51.00	1.39	2.00	4.00	24.00	94.00	1.41	0.16	12.00	1.69	563.00
TL13308	54.0	55.5	1368325	0.50	4.53	17.00	543.00	3.00	33.00	2.24	2.00	4.00	27.00	27.00	1.70	0.21	15.00	2.26	883.00
TL13308	54.0	55.5	1368326	0.50	4.83	21.00	609.00	3.00	50.00	2.01	2.00	5.00	30.00	22.00	1.76	0.20	16.00	2.37	909.00
TL13308	55.5	57.0	1368327	0.50	5.46	22.00	1271.00	4.00	30.00	1.90	2.00	4.00	30.00	20.00	1.60	0.15	16.00	1.83	691.00
TL13308	57.0	58.5	1368328	0.50	4.58	18.00	545.00	4.00	30.00	1.62	2.00	6.00	33.00	23.00	1.82	0.26	16.00	1.72	623.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13308	9.0	10.5	1368288	2.00	36.00	189.00	31.00	0.12	13.00	18.00	5.00	108.00	1417.00	3.00	25.00	18.00	5.00	60.00
TL13308	10.5	12.0	1368289	0.50	29.00	181.00	24.00	0.10	22.00	22.00	5.00	116.00	1279.00	1.00	22.00	11.00	5.00	36.00
TL13308	12.0	13.5	1368291	1.00	38.00	190.00	22.00	0.08	19.00	21.00	5.00	101.00	1314.00	1.00	22.00	13.00	5.00	35.00
TL13308	13.5	15.0	1368292	2.00	34.00	193.00	24.00	0.08	20.00	10.00	5.00	84.00	1229.00	1.00	21.00	15.00	5.00	41.00
TL13308	15.0	16.5	1368293	0.50	33.00	185.00	31.00	0.11	16.00	16.00	5.00	72.00	1154.00	1.00	20.00	16.00	5.00	32.00
TL13308	16.5	18.0	1368294	0.50	30.00	184.00	24.00	0.09	15.00	11.00	5.00	130.00	1249.00	1.00	22.00	12.00	5.00	26.00
TL13308	18.0	19.5	1368295	0.50	29.00	184.00	23.00	0.10	22.00	23.00	5.00	118.00	1316.00	1.00	23.00	15.00	5.00	26.00
TL13308	19.5	21.0	1368296	6.00	76.00	183.00	22.00	0.10	14.00	13.00	5.00	121.00	1228.00	1.00	23.00	11.00	5.00	22.00
TL13308	21.0	22.0	1368297	3.00	59.00	194.00	46.00	0.14	19.00	15.00	5.00	123.00	1289.00	1.00	24.00	23.00	6.00	276.00
TL13308	22.0	23.0	1368298	2.00	47.00	223.00	40.00	0.09	21.00	21.00	5.00	128.00	1279.00	1.00	24.00	16.00	5.00	45.00
TL13308	23.0	24.0	1368299	7.00	72.00	179.00	80.00	0.20	31.00	10.00	5.00	122.00	1323.00	1.00	27.00	34.00	7.00	561.00
TL13308	24.0	25.5	1368301	10.00	68.00	147.00	68.00	0.18	18.00	22.00	5.00	98.00	1213.00	1.00	32.00	23.00	7.00	217.00
TL13308	25.5	27.0	1368302	3.00	52.00	248.00	40.00	0.15	14.00	12.00	5.00	145.00	2012.00	1.00	47.00	20.00	9.00	69.00
TL13308	27.0	28.5	1368303	4.00	55.00	230.00	59.00	0.14	15.00	17.00	5.00	136.00	1422.00	1.00	29.00	15.00	7.00	225.00
TL13308	28.5	30.0	1368304	2.00	53.00	285.00	85.00	0.12	21.00	19.00	5.00	128.00	1832.00	1.00	34.00	22.00	7.00	311.00
TL13308	30.0	31.5	1368305	2.00	47.00	292.00	320.00	0.12	17.00	12.00	5.00	151.00	1903.00	6.00	36.00	22.00	7.00	465.00
TL13308	30.0	31.5	1368306	1.00	39.00	268.00	185.00	0.12	16.00	21.00	5.00	131.00	1708.00	1.00	33.00	26.00	6.00	553.00
TL13308	31.5	33.0	1368307	2.00	46.00	335.00	41.00	0.12	24.00	13.00	5.00	164.00	2168.00	2.00	40.00	26.00	7.00	76.00
TL13308	33.0	34.5	1368308	2.00	42.00	279.00	31.00	0.11	18.00	8.00	5.00	137.00	1711.00	1.00	35.00	10.00	6.00	71.00
TL13308	34.5	35.5	1368309	2.00	65.00	233.00	66.00	0.12	21.00	9.00	5.00	138.00	1792.00	1.00	48.00	11.00	8.00	111.00
TL13308	35.5	36.8	1368311	3.00	60.00	174.00	37.00	0.11	19.00	8.00	5.00	111.00	1625.00	1.00	36.00	19.00	6.00	53.00
TL13308	36.8	38.3	1368312	3.00	57.00	174.00	33.00	0.10	12.00	10.00	5.00	93.00	1471.00	1.00	25.00	23.00	5.00	62.00
TL13308	38.3	39.8	1368313	2.00	45.00	159.00	58.00	0.11	16.00	11.00	5.00	131.00	1481.00	1.00	23.00	17.00	5.00	96.00
TL13308	39.8	41.3	1368314	1.00	31.00	158.00	39.00	0.12	23.00	17.00	5.00	114.00	1465.00	1.00	26.00	11.00	5.00	86.00
TL13308	41.3	42.3	1368315	4.00	44.00	152.00	379.00	0.12	18.00	16.00	5.00	80.00	1234.00	1.00	32.00	53.00	5.00	1987.00
TL13308	42.3	43.5	1368316	3.00	35.00	158.00	36.00	0.13	16.00	17.00	5.00	92.00	1405.00	1.00	28.00	13.00	5.00	79.00
TL13308	43.5	45.0	1368317	2.00	37.00	154.00	29.00	0.11	23.00	15.00	5.00	82.00	1346.00	1.00	29.00	15.00	5.00	71.00
TL13308	45.0	46.5	1368318	2.00	37.00	176.00	43.00	0.12	17.00	17.00	5.00	141.00	1486.00	1.00	31.00	21.00	5.00	46.00
TL13308	46.5	48.0	1368319	0.50	29.00	158.00	54.00	0.11	17.00	20.00	5.00	125.00	1303.00	1.00	26.00	18.00	5.00	112.00
TL13308	48.0	49.5	1368321	3.00	39.00	148.00	159.00	0.11	16.00	20.00	5.00	107.00	1248.00	1.00	28.00	18.00	4.00	323.00
TL13308	49.5	51.0	1368322	2.00	35.00	153.00	29.00	0.10	15.00	11.00	5.00	87.00	1401.00	1.00	29.00	21.00	5.00	164.00
TL13308	51.0	52.5	1368323	2.00	39.00	158.00	159.00	0.10	15.00	17.00	5.00	86.00	1407.00	1.00	29.00	29.00	5.00	787.00
TL13308	52.5	54.0	1368324	3.00	33.00	155.00	70.00	0.10	15.00	12.00	5.00	118.00	1285.00	1.00	27.00	14.00	4.00	122.00
TL13308	54.0	55.5	1368325	2.00	37.00	147.00	359.00	0.13	20.00	11.00	5.00	124.00	1269.00	1.00	29.00	34.00	5.00	1235.00
TL13308	54.0	55.5	1368326	3.00	37.00	153.00	301.00	0.12	16.00	16.00	5.00	124.00	1406.00	1.00	31.00	43.00	5.00	1408.00
TL13308	55.5	57.0	1368327	3.00	40.00	150.00	98.00	0.13	22.00	13.00	5.00	212.00	1415.00	2.00	30.00	20.00	6.00	264.00
TL13308	57.0	58.5	1368328	5.00	54.00	164.00	114.00	0.11	19.00	16.00	5.00	165.00	1463.00	1.00	34.00	13.00	5.00	258.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13308	58.5	59.4	1368329	0.50	3.63	25.00	309.00	3.00	10.00	2.89	2.00	18.00	117.00	77.00	3.57	0.22	13.00	3.37	1522.00
TL13308	59.4	61.0	1368331	0.50	3.68	55.00	440.00	4.00	38.00	1.17	2.00	17.00	105.00	55.00	3.18	0.20	14.00	1.65	663.00
TL13308	61.0	62.5	1368332	1.00	4.09	61.00	302.00	3.00	30.00	1.33	2.00	21.00	146.00	75.00	3.90	0.25	17.00	1.87	811.00
TL13308	62.5	63.5	1368333	0.50	2.82	30.00	207.00	3.00	34.00	0.89	2.00	6.00	89.00	29.00	1.77	0.24	8.00	1.02	381.00
TL13308	63.5	65.0	1368334	0.50	4.71	50.00	305.00	4.00	46.00	0.84	2.00	14.00	122.00	32.00	2.91	0.17	12.00	1.50	518.00
TL13308	65.0	66.5	1368335	0.50	3.88	48.00	211.00	3.00	17.00	0.64	2.00	15.00	128.00	36.00	3.27	0.14	11.00	1.50	472.00
TL13308	66.5	67.5	1368336	6.00	3.35	110.00	267.00	3.00	49.00	0.29	6.00	18.00	125.00	34.00	3.61	0.04	8.00	0.93	322.00
TL13308	67.5	68.5	1368337	5.00	3.25	99.00	230.00	4.00	40.00	0.38	2.00	16.00	117.00	54.00	3.82	0.17	8.00	0.92	350.00
TL13308	68.5	70.0	1368338	3.00	3.33	46.00	187.00	3.00	18.00	0.57	2.00	13.00	115.00	23.00	3.28	0.20	21.00	2.54	599.00
TL13308	70.0	71.5	1368339	1.00	2.50	42.00	185.00	3.00	38.00	0.70	2.00	12.00	107.00	38.00	2.94	0.08	11.00	2.00	501.00
TL13308	71.5	73.0	1368341	0.50	3.56	30.00	222.00	3.00	39.00	0.70	2.00	6.00	26.00	7.00	1.94	0.09	14.00	2.04	410.00
TL13308	73.0	74.0	1368342	0.50	3.43	35.00	206.00	3.00	8.00	0.61	2.00	6.00	33.00	14.00	2.06	0.14	11.00	1.93	399.00
TL13308	74.0	75.0	1368343	1.00	4.38	33.00	239.00	4.00	35.00	0.82	2.00	6.00	28.00	6.00	1.88	0.08	14.00	2.00	456.00
TL13308	75.0	76.1	1368344	1.00	3.91	29.00	270.00	3.00	33.00	1.40	2.00	6.00	38.00	11.00	1.98	0.10	8.00	1.90	581.00
TL13308	76.1	77.4	1368346	1.00	3.67	31.00	277.00	3.00	42.00	0.80	2.00	6.00	39.00	20.00	1.92	0.19	7.00	1.14	400.00
TL13308	76.1	77.4	1368345	0.50	2.53	26.00	270.00	3.00	17.00	0.57	2.00	5.00	37.00	16.00	1.30	0.08	3.00	0.88	300.00
TL13308	77.4	78.4	1368347	3.00	4.29	42.00	305.00	3.00	8.00	0.72	2.00	7.00	38.00	19.00	1.74	0.13	8.00	0.99	332.00
TL13308	78.4	78.9	1368348	15.00	3.61	79.00	283.00	3.00	18.00	0.01	4.00	8.00	75.00	44.00	2.05	0.18	5.00	0.40	113.00
TL13308	78.9	80.4	1368349	2.00	4.95	54.00	281.00	3.00	23.00	0.89	2.00	22.00	146.00	72.00	4.11	0.26	18.00	1.96	886.00
TL13308	80.4	81.8	1368351	0.50	3.29	31.00	290.00	2.00	44.00	0.19	2.00	10.00	98.00	20.00	1.95	0.13	6.00	0.79	298.00
TL13308	81.8	82.8	1368352	2.00	4.16	57.00	238.00	3.00	9.00	1.13	2.00	17.00	119.00	38.00	3.53	0.10	12.00	1.71	805.00
TL13308	82.8	84.3	1368353	0.50	4.31	8.00	256.00	4.00	30.00	1.44	2.00	18.00	155.00	50.00	3.83	0.07	17.00	1.86	688.00
TL13308	84.3	85.8	1368354	0.50	5.16	11.00	255.00	3.00	34.00	1.92	2.00	20.00	199.00	51.00	4.13	0.14	19.00	1.77	652.00
TL13308	85.8	87.0	1368355	0.50	5.01	14.00	261.00	3.00	25.00	0.94	2.00	22.00	170.00	50.00	4.39	0.11	20.00	2.01	713.00
TL13308	87.0	88.5	1368356	1.00	5.97	48.00	320.00	4.00	53.00	1.42	2.00	24.00	183.00	56.00	4.62	0.27	18.00	1.43	735.00
TL13308	88.5	90.0	1368357	5.00	4.57	78.00	325.00	3.00	20.00	1.23	2.00	19.00	140.00	70.00	3.61	0.12	12.00	1.09	609.00
TL13308	90.0	91.0	1368358	1.00	3.63	55.00	338.00	4.00	21.00	0.43	2.00	7.00	55.00	21.00	1.87	0.14	7.00	0.63	345.00
TL13308	91.0	92.0	1368359	0.50	5.24	57.00	441.00	4.00	30.00	0.67	2.00	6.00	47.00	15.00	2.31	0.29	15.00	0.87	410.00
TL13308	92.0	93.5	1368361	0.50	4.47	53.00	397.00	4.00	11.00	1.53	2.00	7.00	55.00	9.00	2.18	0.12	11.00	1.16	549.00
TL13308	93.5	94.6	1368362	3.00	2.85	54.00	284.00	3.00	15.00	0.73	2.00	5.00	49.00	34.00	1.88	0.10	8.00	0.75	376.00
TL13308	94.6	96.1	1368363	0.50	5.26	21.00	422.00	4.00	30.00	2.18	2.00	5.00	40.00	10.00	1.63	0.06	15.00	1.61	865.00
TL13308	96.1	97.6	1368364	0.50	5.10	32.00	449.00	4.00	37.00	2.66	2.00	7.00	39.00	6.00	1.88	0.09	12.00	1.76	1120.00
TL13308	97.6	99.1	1368366	0.50	5.05	19.00	450.00	4.00	33.00	2.38	2.00	5.00	41.00	16.00	1.61	0.23	12.00	1.49	925.00
TL13308	97.6	99.1	1368365	0.50	4.83	17.00	430.00	4.00	30.00	2.29	2.00	6.00	45.00	27.00	1.80	0.16	12.00	1.62	1030.00
TL13308	99.1	100.6	1368367	0.50	5.45	31.00	495.00	3.00	38.00	2.59	2.00	5.00	45.00	20.00	2.07	0.12	14.00	1.53	846.00
TL13308	100.6	102.1	1368368	0.50	5.17	9.00	505.00	3.00	33.00	2.16	2.00	6.00	45.00	5.00	1.66	0.11	14.00	1.32	594.00
TL13308	102.1	103.1	1368369	0.50	4.57	8.00	546.00	4.00	14.00	3.04	2.00	9.00	110.00	12.00	1.94	0.13	11.00	1.87	809.00
TL13308	103.1	104.1	1368371	1.00	5.29	20.00	764.00	4.00	21.00	2.10	2.00	6.00	38.00	9.00	1.83	0.10	16.00	1.35	702.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13308	58.5	59.4	1368329	3.00	72.00	303.00	77.00	0.08	23.00	15.00	5.00	149.00	1994.00	1.00	70.00	15.00	12.00	270.00
TL13308	59.4	61.0	1368331	4.00	75.00	223.00	80.00	0.11	21.00	7.00	5.00	89.00	1710.00	1.00	61.00	27.00	10.00	594.00
TL13308	61.0	62.5	1368332	2.00	86.00	230.00	64.00	0.14	21.00	6.00	5.00	72.00	1828.00	1.00	71.00	17.00	13.00	113.00
TL13308	62.5	63.5	1368333	9.00	95.00	314.00	124.00	0.12	19.00	10.00	5.00	60.00	823.00	1.00	46.00	20.00	8.00	188.00
TL13308	63.5	65.0	1368334	4.00	74.00	253.00	95.00	0.14	16.00	10.00	5.00	69.00	1470.00	1.00	68.00	24.00	10.00	334.00
TL13308	65.0	66.5	1368335	4.00	88.00	215.00	109.00	0.13	22.00	2.50	5.00	55.00	1344.00	1.00	73.00	26.00	9.00	463.00
TL13308	66.5	67.5	1368336	4.00	99.00	175.00	316.00	0.15	17.00	15.00	5.00	46.00	1051.00	1.00	77.00	69.00	9.00	3348.00
TL13308	67.5	68.5	1368337	3.00	88.00	194.00	376.00	0.16	22.00	21.00	5.00	49.00	997.00	1.00	67.00	61.00	8.00	2311.00
TL13308	68.5	70.0	1368338	3.00	73.00	216.00	233.00	0.11	15.00	20.00	5.00	50.00	1284.00	1.00	62.00	37.00	8.00	1501.00
TL13308	70.0	71.5	1368339	4.00	86.00	231.00	134.00	0.09	21.00	8.00	5.00	51.00	1131.00	1.00	61.00	21.00	7.00	288.00
TL13308	71.5	73.0	1368341	2.00	39.00	232.00	82.00	0.10	12.00	20.00	5.00	58.00	1103.00	1.00	33.00	25.00	5.00	100.00
TL13308	73.0	74.0	1368342	4.00	48.00	222.00	101.00	0.11	23.00	13.00	5.00	52.00	1016.00	1.00	37.00	24.00	4.00	290.00
TL13308	74.0	75.0	1368343	0.50	37.00	229.00	117.00	0.12	24.00	12.00	5.00	62.00	1185.00	1.00	35.00	22.00	5.00	154.00
TL13308	75.0	76.1	1368344	3.00	54.00	254.00	89.00	0.07	14.00	20.00	5.00	68.00	1151.00	1.00	40.00	10.00	5.00	88.00
TL13308	76.1	77.4	1368346	4.00	52.00	227.00	139.00	0.11	11.00	10.00	5.00	57.00	1164.00	1.00	36.00	24.00	6.00	350.00
TL13308	76.1	77.4	1368345	3.00	49.00	204.00	60.00	0.08	17.00	8.00	5.00	45.00	1058.00	1.00	35.00	13.00	4.00	55.00
TL13308	77.4	78.4	1368347	3.00	51.00	234.00	154.00	0.12	19.00	16.00	5.00	68.00	1340.00	1.00	31.00	36.00	6.00	754.00
TL13308	78.4	78.9	1368348	10.00	109.00	200.00	823.00	0.14	31.00	8.00	5.00	42.00	1277.00	1.00	36.00	65.00	6.00	2351.00
TL13308	78.9	80.4	1368349	3.00	98.00	283.00	103.00	0.15	16.00	21.00	5.00	63.00	2064.00	1.00	76.00	29.00	12.00	172.00
TL13308	80.4	81.8	1368351	8.00	100.00	195.00	56.00	0.10	18.00	17.00	5.00	40.00	1723.00	1.00	51.00	21.00	8.00	95.00
TL13308	81.8	82.8	1368352	4.00	100.00	236.00	60.00	0.11	16.00	14.00	5.00	70.00	1728.00	1.00	61.00	15.00	10.00	86.00
TL13308	82.8	84.3	1368353	3.00	98.00	261.00	59.00	0.09	17.00	11.00	5.00	104.00	2288.00	1.00	72.00	15.00	13.00	152.00
TL13308	84.3	85.8	1368354	9.00	158.00	274.00	44.00	0.10	20.00	16.00	5.00	191.00	2575.00	1.00	81.00	13.00	14.00	82.00
TL13308	85.8	87.0	1368355	5.00	121.00	262.00	67.00	0.11	21.00	16.00	5.00	85.00	2300.00	1.00	89.00	13.00	11.00	98.00
TL13308	87.0	88.5	1368356	9.00	143.00	282.00	106.00	0.15	21.00	10.00	5.00	96.00	2450.00	1.00	91.00	29.00	16.00	205.00
TL13308	88.5	90.0	1368357	4.00	115.00	247.00	102.00	0.14	17.00	15.00	5.00	79.00	2104.00	1.00	72.00	26.00	15.00	380.00
TL13308	90.0	91.0	1368358	6.00	77.00	216.00	108.00	0.12	13.00	13.00	5.00	56.00	1517.00	1.00	35.00	41.00	6.00	1022.00
TL13308	91.0	92.0	1368359	5.00	68.00	251.00	87.00	0.15	24.00	7.00	5.00	74.00	1750.00	1.00	36.00	30.00	7.00	521.00
TL13308	92.0	93.5	1368361	6.00	86.00	242.00	59.00	0.13	21.00	2.50	5.00	90.00	1471.00	1.00	32.00	17.00	7.00	73.00
TL13308	93.5	94.6	1368362	11.00	72.00	179.00	807.00	0.13	21.00	13.00	5.00	62.00	1212.00	1.00	27.00	39.00	5.00	1047.00
TL13308	94.6	96.1	1368363	3.00	58.00	250.00	59.00	0.12	22.00	18.00	5.00	99.00	1534.00	1.00	32.00	13.00	7.00	102.00
TL13308	96.1	97.6	1368364	3.00	54.00	247.00	45.00	0.11	21.00	22.00	5.00	100.00	1473.00	1.00	32.00	21.00	7.00	42.00
TL13308	97.6	99.1	1368366	7.00	57.00	222.00	54.00	0.11	18.00	12.00	5.00	101.00	1438.00	1.00	31.00	22.00	7.00	59.00
TL13308	97.6	99.1	1368365	7.00	67.00	231.00	48.00	0.11	19.00	7.00	5.00	96.00	1457.00	1.00	32.00	14.00	6.00	64.00
TL13308	99.1	100.6	1368367	4.00	73.00	238.00	54.00	0.12	16.00	14.00	5.00	116.00	1385.00	1.00	32.00	16.00	7.00	144.00
TL13308	100.6	102.1	1368368	4.00	59.00	244.00	48.00	0.11	16.00	12.00	5.00	114.00	1510.00	1.00	32.00	12.00	7.00	66.00
TL13308	102.1	103.1	1368369	3.00	92.00	424.00	47.00	0.11	8.00	9.00	5.00	172.00	1510.00	2.00	35.00	12.00	9.00	80.00
TL13308	103.1	104.1	1368371	2.00	53.00	267.00	58.00	0.10	19.00	9.00	5.00	171.00	1594.00	1.00	33.00	16.00	7.00	74.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13308	104.1	105.0	1368372	0.50	2.30	14.00	600.00	3.00	21.00	5.03	2.00	26.00	500.00	41.00	3.47	0.03	8.00	4.04	814.00
TL13308	105.0	106.5	1368373	0.50	4.56	10.00	700.00	4.00	54.00	2.16	2.00	6.00	36.00	11.00	1.54	0.13	14.00	1.37	618.00
TL13308	106.5	108.0	1368374	0.50	2.96	17.00	500.00	4.00	39.00	2.16	2.00	9.00	96.00	8.00	2.07	0.12	10.00	1.60	521.00
TL13308	108.0	109.5	1368375	0.50	3.98	7.00	649.00	4.00	32.00	3.41	2.00	18.00	266.00	30.00	2.91	0.13	14.00	2.86	843.00
TL13308	109.5	110.5	1368376	0.50	4.35	20.00	568.00	3.00	30.00	1.50	2.00	8.00	38.00	23.00	1.76	0.13	22.00	1.16	480.00
TL13308	110.5	111.6	1368377	0.50	4.15	19.00	439.00	4.00	51.00	3.89	2.00	19.00	333.00	34.00	3.30	0.21	21.00	3.13	924.00
TL13308	111.6	113.1	1368378	0.50	4.40	16.00	422.00	3.00	30.00	2.55	2.00	12.00	91.00	68.00	1.99	0.05	21.00	1.61	548.00
TL13308	113.1	114.6	1368379	0.50	2.68	50.00	352.00	3.00	30.00	3.66	2.00	19.00	298.00	55.00	2.78	0.09	12.00	3.02	626.00
TL13308	114.6	116.1	1368381	0.50	2.41	8.00	451.00	4.00	28.00	1.29	2.00	7.00	35.00	40.00	1.86	0.10	11.00	1.15	557.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13308	104.1	105.0	1368372	0.50	260.00	1281.00	127.00	0.09	23.00	13.00	5.00	373.00	2666.00	1.00	74.00	34.00	19.00	238.00
TL13308	105.0	106.5	1368373	1.00	41.00	255.00	42.00	0.11	18.00	5.00	5.00	210.00	1391.00	1.00	30.00	28.00	7.00	72.00
TL13308	106.5	108.0	1368374	0.50	73.00	403.00	33.00	0.08	12.00	12.00	5.00	174.00	1779.00	1.00	38.00	38.00	7.00	71.00
TL13308	108.0	109.5	1368375	2.00	157.00	904.00	80.00	0.09	21.00	7.00	5.00	332.00	2271.00	1.00	60.00	236.00	14.00	263.00
TL13308	109.5	110.5	1368376	3.00	56.00	248.00	125.00	0.12	12.00	12.00	5.00	155.00	1598.00	1.00	34.00	30.00	6.00	525.00
TL13308	110.5	111.6	1368377	0.50	187.00	1059.00	69.00	0.11	20.00	5.00	5.00	202.00	2749.00	5.00	70.00	19.00	17.00	116.00
TL13308	111.6	113.1	1368378	1.00	69.00	407.00	69.00	0.12	14.00	22.00	5.00	149.00	1830.00	1.00	40.00	23.00	9.00	367.00
TL13308	113.1	114.6	1368379	1.00	186.00	720.00	111.00	0.08	16.00	14.00	5.00	228.00	2411.00	1.00	61.00	26.00	12.00	434.00
TL13308	114.6	116.1	1368381	3.00	52.00	220.00	57.00	0.07	16.00	15.00	5.00	116.00	1526.00	1.00	34.00	10.00	5.00	166.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13308	8.8	36.8	28.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13308	8.8	36.8	28.0	SPH	ST	0.1	Trace sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13308	8.8	36.8	28.0	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	8.8	36.8	28.0	PY	DISS	1	1% disseminated py throughout the interval
TL13308	36.8	45.0	8.1	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13308	36.8	45.0	8.1	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13308	41.0	42.0	1.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13308	41.0	42.0	1.0	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	45.0	59.4	14.4	CP	BLB	0.1	Trace cpy blebs found w/ po in and along margins of qtz-amph veins
TL13308	45.0	59.4	14.4	PO	BLB	0.1	Trace po blebs found in and along qtz-amph veins
TL13308	45.0	59.4	14.4	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation and along margins of qtz-amph veins
TL13308	45.0	59.4	14.4	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	45.0	59.4	14.4	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13308	59.4	68.5	9.1	PY	ST	1	1% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13308	59.4	68.5	9.1	PY	DISS	1	1% disseminated py throughout the interval
TL13308	59.4	68.5	9.1	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13308	59.4	68.5	9.1	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers
TL13308	68.5	76.2	14.3	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	68.5	76.2	14.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13308	68.5	76.2	14.3	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13308	68.5	76.2	7.7	PY	ST	0.1	Trace to 1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	76.2	82.8	6.6	SPH	ST	0.1	Trace to 1% sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	76.2	82.8	14.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13308	76.2	82.8	6.6	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13308	76.2	82.8	6.6	PY	DISS	1	1% disseminated py throughout the interval
TL13308	78.4	78.6	0.2	AU	BLB	0.1	3 Possible specks of VG at 78.49m depth in a stringer w/ sph and gal, too small to be definitive
TL13308	82.8	87.0	4.2	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13308	82.8	87.0	4.2	PY	DISS	0.1	Trace disseminated py
TL13308	87.0	94.6	7.6	ASP	BLB	0.1	Trace aspy blebs found in stringer w/ py and sph
TL13308	87.0	94.6	7.6	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	87.0	94.6	7.6	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13308	87.0	94.6	7.6	PY	DISS	1	1% disseminated py throughout the interval
TL13308	94.6	104.2	9.6	PY	DISS	0.1	Trace to 1% disseminated py
TL13308	94.6	104.2	9.6	PY	ST	0.1	Trace py in 1mm wide stringers oriented semi-parallel to foliation
TL13308	94.6	104.2	9.6	CP	BLB	0.1	Trace cpy blebs in and along margins of qtz-amph veins

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13308	94.6	104.2	9.6	PO	BLB	0.1	Trace po blebs in and along margins of qtz-amph veins
TL13308	104.2	111.6	7.4	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13308	104.2	111.6	7.4	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13308	104.2	111.6	7.4	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13308	104.2	111.6	7.4	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13308	111.6	135.0	23.4	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-amph veins
TL13308	111.6	135.0	23.4	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13308	111.6	135.0	23.4	PY	ST	0.1	Trace py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13308	111.6	135.0	23.4	PY	DISS	1	1% disseminated py throughout the interval

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13308	8.8	36.8	28.0	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA infilled w/ qtz
TL13308	8.8	36.8	28.0	FOL	Very Strong	60	V. strong foliation at 60 deg TCA
TL13308	36.8	42.7	5.8	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13308	42.7	45.0	2.3	FOL	Weak	60	Weak foliation at 60 deg TCA
TL13308	45.0	51.8	6.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13308	45.0	58.4	13.4	FTZ	Strong		Strong fault zone and heavily fractured
TL13308	51.8	59.4	7.6	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13308	59.4	64.4	5.0	FTZ	Very Strong		V. strong fault zone corresponding with
TL13308	59.4	68.5	9.1	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13308	68.5	76.2	14.3	FR	Very Weak	75	V. weak fracture set cross cutting foliation at 75 deg TCA
TL13308	68.5	76.2	14.3	FOL	Strong	60	Moderate to strong foliation at 60 deg TCA
TL13308	76.2	82.8	6.6	FOL	Strong	65	Moderate to strong foliation at 65 deg TCA
TL13308	82.8	85.7	2.9	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13308	82.8	87.0	4.2	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13308	85.7	87.0	1.3	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13308	87.0	90.8	3.8	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13308	90.8	91.8	1.0	FOL	Moderate	45	Moderate foliation deflected at 45 deg TCA
TL13308	91.4	91.5	0.1	Fold	Weak	40	Weak F2 folding 40 deg TCA
TL13308	91.8	94.6	2.8	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13308	94.6	104.2	9.6	FOL	Very Strong	65	V. strong foliation at 65 deg TCA
TL13308	94.6	104.2	9.6	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13308	94.6	104.2	9.6	FR	Very Weak	25	V. weak fracture set along foliation at 25 deg TCA infilled w/ qtz
TL13308	104.2	111.6	7.4	FOL	Moderate	65	Moderate foliation at 65 deg TCA
TL13308	104.2	111.6	7.4	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL13308	111.6	135.0	23.4	FR	Weak	25	Weak fracture set cross cutting foliation at 25 deg TCA
TL13308	111.6	135.0	23.4	FOL	Weak	65	Weak foliation at 65 deg TCA
TL13308	111.6	135.0	23.4	FR	Weak	45	Weak fracture set cross cutting foliation at 45 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13308	8.8	21.1	12.3	SI	Patchy	Weak	Weak patchy silicification
TL13308	8.8	23.0	14.2	SR	Patchy	Moderate	Moderate patchy ser alt, 45% ser to 55% bio
TL13308	23.0	25.7	2.7	SR	Patchy	Moderate	Moderate patchy to semi-pervasive ser alt, 60% ser to 40% bio
TL13308	23.2	33.0	9.8	CH	Patchy	Weak	Weak patchy chl alt
TL13308	25.7	36.8	11.1	SI	Patchy	Very Strong	Strong to very strong patchy silicification
TL13308	25.7	36.8	11.1	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13308	36.8	42.0	5.2	SR	Pervasive	Very Strong	V. strong pervasive ser alt, 90% ser to 10% bio
TL13308	36.8	42.0	5.2	SI	Patchy	Strong	Strong patchy silicification
TL13308	36.8	45.0	8.1	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13308	42.0	45.0	3.0	SI	Patchy	Very Weak	V. weak patchy silicification
TL13308	42.0	45.0	3.0	SR	Patchy	Very Strong	V. strong pervasive ser alt, 90% ser to 10% bio
TL13308	45.0	48.7	3.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13308	45.0	59.4	14.4	SI	Pervasive	Strong	Strong to very strong pervasive silicification
TL13308	48.7	51.7	2.9	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13308	49.5	51.5	2.0	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13308	51.7	59.4	7.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13308	59.4	68.5	9.1	SR	Patchy	Moderate	Moderate to weak patchy silicification
TL13308	59.4	68.5	9.1	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13308	68.5	76.2	14.3	SI	Patchy	Weak	Weak patchy silicification
TL13308	68.5	76.2	14.3	SR	Patchy	Weak	Weak patchy ser alt, 20% ser to 80% bio
TL13308	76.2	82.8	6.6	SI	Patchy	Weak	Weak patchy silicification
TL13308	76.2	82.8	6.6	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13308	82.8	87.0	4.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13308	82.8	87.0	4.2	SI	Patchy	Moderate	Moderate to strong patchy silicification
TL13308	87.0	90.2	3.3	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13308	87.0	94.6	7.6	SI	Patchy	Moderate	Moderate patchy silicification
TL13308	90.2	94.6	4.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13308	94.6	104.2	9.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13308	94.6	104.2	9.6	SI	Patchy	Strong	Strong patchy silicification
TL13308	104.2	110.0	5.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser
TL13308	104.2	111.6	7.4	SI	Patchy	Very Strong	V. strong patchy silicification
TL13308	104.2	111.6	7.4	CH	Patchy	Strong	Strong patchy chl alt in mafic dykes
TL13308	110.0	111.6	1.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% chl
TL13308	111.6	112.9	1.3	SR	Patchy	Very Strong	V. strong patch of ser alt, 90% ser to 10% bio
TL13308	111.6	135.0	23.4	SI	Patchy	Strong	Strong patchy silicification
TL13308	111.6	135.0	23.4	CH	Patchy	Moderate	Moderate patchy chl alt, in mafic dykes
TL13308	112.9	135.0	22.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13308	9	12	3	2.94	1.03	98	34.33	36	
TL13308	12	15	3	2.91	0.79	97	26.33	46	SRP
TL13308	15	18	3	3.04	1.73	101.33	57.67	20	
TL13308	18	21	3	3	1.91	100	63.67	23	
TL13308	21	24	3	2.98	2.42	99.33	80.67	13	
TL13308	24	27	3	3	2.02	100	67.33	19	
TL13308	27	30	3	3.05	2.23	101.67	74.33	16	
TL13308	30	33	3	2.93	1.74	97.67	58	30	SRP
TL13308	33	36	3	2.9	2.14	96.67	71.33	14	
TL13308	36	39	3	2.92	1.24	97.33	41.33	29	
TL13308	39	42	3	2.6	0	86.67	0	45	LRP
TL13308	42	45	3	2.92	2.53	97.33	84.33	10	
TL13308	45	48	3	2.98	2.09	99.33	69.67	20	
TL13308	48	51	3	3	1.69	100	56.33	22	
TL13308	51	54	3	2.97	2.51	99	83.67	15	
TL13308	54	57	3	2.98	1.26	99.33	42	26	
TL13308	57	60	3	3.02	0.8	100.67	26.67	49	SRP
TL13308	60	63	3	3	0	100	0	50	XXLRP
TL13308	63	66	3	2.92	0.33	97.33	11	50	SRP
TL13308	66	69	3	2.95	0.36	98.33	12	50	SRP
TL13308	69	72	3	2.9	1.94	96.67	64.67	28	
TL13308	72	75	3	2.75	0.24	91.67	8	50	SRP
TL13308	75	78	3	2.94	1.46	98	48.67	34	
TL13308	78	81	3	3.02	0.65	100.67	21.67	48	SRP
TL13308	81	84	3	3.01	1.8	100.33	60	19	
TL13308	84	87	3	2.98	1.02	99.33	34	31	
TL13308	87	90	3	3.03	2.27	101	75.67	19	
TL13308	90	93	3	3.02	1.7	100.67	56.67	24	
TL13308	93	96	3	3.04	2.21	101.33	73.67	16	
TL13308	96	99	3	2.99	2.87	99.67	95.67	7	
TL13308	99	102	3	2.97	2.2	99	73.33	14	
TL13308	102	105	3	2.97	2.87	99	95.67	7	
TL13308	105	108	3	3.03	2.49	101	83	12	
TL13308	108	111	3	3.02	2.37	100.67	79	17	
TL13308	111	114	3	3.07	2.21	102.33	73.67	23	
TL13308	114	117	3	2.98	2.16	99.33	72	17	
TL13308	117	120	3	3.04	2.56	101.33	85.33	6	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13308	120	123	3	3	2.95	100	98.33	3	
TL13308	123	126	3	2.94	2.3	98	76.67	12	
TL13308	126	129	3	3.03	1.98	101	66	25	
TL13308	129	132	3	3.02	1.32	100.67	44	28	
TL13308	132	135	3	2.82	0.66	94	22	41	SRP EOH

Hole Number: TL13309

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
6.58	36.95	BMS, Biotite Muscovite Schist This BMS unit has moderate to weak patchy sericitic alteration, very strong to weak patchy silicification, and very weak patchy chloritic alteration. This unit is mineralized with 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers, trace to 1% galena blebs, trace chalcopyrite blebs and trace pyrrhotite blebs. This BMS unit contains C-Zone style mineralization beginning at 26.5m through to the next unit	1368382	6.58	7.50	0.92	0.02				
			1368383	7.50	9.00	1.50	0.03				
			1368384	9.00	10.50	1.50	0.13				
			1368386	10.50	11.50	1.00	0.07				
			1368385	10.50	11.50	1.00	0.09				
			1368387	11.50	12.50	1.00	0.01				
			1368388	12.50	14.00	1.50	0.05				
			1368389	14.00	15.00	1.00	0.04				
			1368391	15.00	16.50	1.50	0.01				
			1368392	16.50	18.00	1.50	0.01				
			1368393	18.00	19.50	1.50	0.03				
			1368394	19.50	21.00	1.50	0.02				
			1368395	21.00	22.50	1.50	0.06				
			1368396	22.50	24.00	1.50	0.03				
			1368397	24.00	25.50	1.50	0.14				
			1368398	25.50	26.50	1.00	0.08				
			1368399	26.50	27.50	1.00	0.18				
			1368401	27.50	28.50	1.00	0.05				
			1368402	28.50	30.00	1.50	0.10				
			1368403	30.00	31.00	1.00	0.11				
			1368404	31.00	32.00	1.00	0.44				
			1368406	32.00	33.00	1.00	0.54				
			1368405	32.00	33.00	1.00	0.39				
			1368407	33.00	34.00	1.00	0.21				
			1368408	34.00	35.00	1.00	0.44				
			1368409	35.00	36.00	1.00	0.50				
			1368411	36.00	36.90	0.90	0.78				
			1368412	36.90	38.00	1.10	0.43				
36.95	42.54	MSS, Muscovite Sericite Schist MSS C-Zone from 36.95m-42.54m This C-Zone MSS has moderate to strong patchy sericitic alteration, moderate to weak patchy silicification and very weak patchy chloritic alteration. This unit is mineralized with 3% pyrite in stringers, 2% disseminated pyrite, 1% sphalerite in stringers, trace galena blens and trace chalcopyrite blebs.	1368413	38.00	39.00	1.00	0.20				
			1368414	39.00	40.00	1.00	0.57				
			1368415	40.00	41.00	1.00	4.20				
			1368416	41.00	42.50	1.50	0.40				
			1368417	42.50	44.00	1.50	0.09				

Hole Number: TL13309

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
42.54	80.08	BMS, Biotite Muscovite Schist This BMS unit has weak to very weak patchy sericitic alteration and strong patchy silicification. This unit contains about 3% pyrite in stringers, 1% sphalerite in stringers, trace to 1% disseminated pyrite, trace galena blebs, trace chalcopyrite blebs and trace chalcopyrite blebs.	1368418	44.00	45.00	1.00	0.61				
			1368419	45.00	46.50	1.50	0.39				
			1368421	46.50	48.00	1.50	0.09				
			1368422	48.00	49.50	1.50	0.71				
			1368423	49.50	51.00	1.50	0.11				
			1368424	51.00	52.50	1.50	0.27				
			1368425	52.50	54.00	1.50	3.14				
			1368426	52.50	54.00	1.50	0.81				
			1368427	54.00	55.00	1.00	0.18				
			1368428	55.00	56.50	1.50	0.05				
			1368429	56.50	58.00	1.50	0.35				
			1368431	58.00	59.50	1.50	0.19				
			1368432	59.50	61.00	1.50	0.10				
			1368433	61.00	62.50	1.50	0.23				
			1368434	62.50	64.00	1.50	0.06				
			1368435	64.00	65.50	1.50	0.08				
			1368436	65.50	66.50	1.00	1.37				
			1368437	66.50	67.50	1.00	0.03				
			1368438	67.50	69.00	1.50	0.01				
			1368439	69.00	70.50	1.50	0.01				
			1368441	70.50	72.00	1.50	0.00				
			1368442	72.00	73.50	1.50	0.01				
			1368443	73.50	75.00	1.50	0.07				
			1368444	75.00	76.50	1.50	0.12				
			1368445	76.50	78.00	1.50	0.21				
			1368446	76.50	78.00	1.50	0.38				
			1368447	78.00	79.00	1.00	0.07				
			1368448	79.00	80.10	1.10	0.20				
80.08	89.27	MSS, Muscovite Sericite Schist MSS D-Zone? from 80.08m-89.27m This MSS unit has moderate patchy sericitic alteration, strong patchy silicification and very weak patchy chloritic alteration. This unit contains 1% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace disseminated pyrite, trace chalcopyrite blebs and trace pyrrhotite blebs.	1368449	80.10	81.10	1.00	1.75				
			1368451	81.10	82.10	1.00	1.11				
			1368452	82.10	83.10	1.00	0.78				
			1368453	83.10	84.10	1.00	0.07				
			1368454	84.10	85.10	1.00	0.14				
			1368455	85.10	86.10	1.00	0.10				
			1368456	86.10	87.10	1.00	0.68				
			1368457	87.10	88.10	1.00	0.16				
			1368458	88.10	89.30	1.20	0.06				
89.27	126.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration, strong patchy silicification, and weak fracture controlled chloritic alteration. This unit is poorly mineralized with 1% pyrite in stringers, trace disseminated pyrite, trace pyrrhotite stringers and trace pyrrhotite blebs.	1368459	89.30	90.80	1.50	0.01				

Hole Number: TL13309

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368382	6.58	7.50	0.0180				
1368383	7.50	9.00	0.0300				
1368384	9.00	10.50	0.1300				
1368385	10.50	11.50	0.0880				
1368387	11.50	12.50	0.0130				
1368388	12.50	14.00	0.0530				
1368389	14.00	15.00	0.0400				
1368391	15.00	16.50	0.0070				
1368392	16.50	18.00	0.0120				
1368393	18.00	19.50	0.0300				
1368394	19.50	21.00	0.0220				
1368395	21.00	22.50	0.0550				
1368396	22.50	24.00	0.0320				
1368397	24.00	25.50	0.1390				
1368398	25.50	26.50	0.0770				
1368399	26.50	27.50	0.1790				
1368401	27.50	28.50	0.0460				
1368402	28.50	30.00	0.0950				
1368403	30.00	31.00	0.1080				
1368404	31.00	32.00	0.4400				
1368405	32.00	33.00	0.3870				
1368407	33.00	34.00	0.2100				
1368408	34.00	35.00	0.4350				
1368409	35.00	36.00	0.4970				
1368411	36.00	36.90	0.7790				
1368412	36.90	38.00	0.4310				
1368413	38.00	39.00	0.2020				
1368414	39.00	40.00	0.5710				
1368415	40.00	41.00	4.1990				
1368416	41.00	42.50	0.3950				
1368417	42.50	44.00	0.0910				
1368418	44.00	45.00	0.6130				
1368419	45.00	46.50	0.3910				
1368421	46.50	48.00	0.0850				
1368422	48.00	49.50	0.7140				
1368423	49.50	51.00	0.1080				
1368424	51.00	52.50	0.2710				
1368425	52.50	54.00	3.1430				
1368427	54.00	55.00	0.1750				

Hole Number: TL13309

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368428	55.00	56.50	0.0460				
1368429	56.50	58.00	0.3470				
1368431	58.00	59.50	0.1940				
1368432	59.50	61.00	0.0980				
1368433	61.00	62.50	0.2300				
1368434	62.50	64.00	0.0640				
1368435	64.00	65.50	0.0830				
1368436	65.50	66.50	1.3680				
1368437	66.50	67.50	0.0330				
1368438	67.50	69.00	0.0060				
1368439	69.00	70.50	0.0120				
1368441	70.50	72.00	0.0040				
1368442	72.00	73.50	0.0050				
1368443	73.50	75.00	0.0710				
1368444	75.00	76.50	0.1150				
1368445	76.50	78.00	0.2120				
1368447	78.00	79.00	0.0650				
1368448	79.00	80.10	0.1970				
1368449	80.10	81.10	1.7460				
1368451	81.10	82.10	1.1050				
1368452	82.10	83.10	0.7800				
1368453	83.10	84.10	0.0730				
1368454	84.10	85.10	0.1430				
1368455	85.10	86.10	0.0980				
1368456	86.10	87.10	0.6830				
1368457	87.10	88.10	0.1610				
1368458	88.10	89.30	0.0610				
1368459	89.30	90.80	0.0120				
Sample Type	CDUP						
1368386	10.50	11.50	0.0660				
1368406	32.00	33.00	0.5350				
1368426	52.50	54.00	0.8100				
1368446	76.50	78.00	0.3780				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13309	6.6	7.5	1368382	0.50	6.50	31.00	573.00	2.00	22.00	1.74	2.00	5.00	39.00	14.00	1.32	0.01	19.00	1.31	632.00
TL13309	7.5	9.0	1368383	0.50	5.80	41.00	477.00	2.00	43.00	1.74	2.00	5.00	32.00	9.00	1.32	0.09	13.00	1.27	586.00
TL13309	9.0	10.5	1368384	0.50	6.10	50.00	501.00	2.00	37.00	2.30	2.00	5.00	27.00	15.00	1.46	0.11	18.00	1.58	748.00
TL13309	10.5	11.5	1368386	2.00	6.22	60.00	500.00	2.00	28.00	1.71	15.00	6.00	34.00	47.00	1.95	0.01	18.00	1.26	597.00
TL13309	10.5	11.5	1368385	3.00	5.90	54.00	519.00	2.00	23.00	1.78	15.00	5.00	30.00	59.00	1.91	0.01	18.00	1.38	651.00
TL13309	11.5	12.5	1368387	0.50	6.03	44.00	475.00	2.00	34.00	1.17	2.00	6.00	31.00	18.00	1.22	0.01	19.00	1.05	444.00
TL13309	12.5	14.0	1368388	0.50	6.66	39.00	500.00	2.00	33.00	1.29	2.00	5.00	30.00	9.00	1.20	0.01	22.00	1.13	448.00
TL13309	14.0	15.0	1368389	0.50	5.72	38.00	474.00	2.00	39.00	1.52	2.00	5.00	33.00	14.00	1.20	0.01	15.00	1.09	412.00
TL13309	15.0	16.5	1368391	0.50	5.46	21.00	481.00	2.00	39.00	2.49	2.00	5.00	36.00	27.00	1.52	0.22	14.00	1.75	681.00
TL13309	16.5	18.0	1368392	0.50	6.56	26.00	601.00	3.00	30.00	1.75	2.00	6.00	29.00	11.00	1.29	0.01	20.00	1.42	510.00
TL13309	18.0	19.5	1368393	0.50	4.76	46.00	368.00	2.00	33.00	1.52	2.00	5.00	20.00	7.00	1.39	0.01	15.00	1.30	496.00
TL13309	19.5	21.0	1368394	0.50	7.02	46.00	450.00	2.00	31.00	2.01	2.00	6.00	50.00	11.00	1.51	0.01	22.00	1.65	641.00
TL13309	21.0	22.5	1368395	0.50	5.50	35.00	450.00	2.00	26.00	1.50	2.00	6.00	31.00	49.00	1.37	0.01	16.00	1.55	569.00
TL13309	22.5	24.0	1368396	0.50	5.81	37.00	438.00	3.00	21.00	1.28	2.00	5.00	29.00	22.00	1.36	0.14	20.00	1.82	569.00
TL13309	24.0	25.5	1368397	0.50	5.79	22.00	618.00	3.00	28.00	1.79	2.00	5.00	46.00	15.00	1.55	0.01	18.00	1.91	639.00
TL13309	25.5	26.5	1368398	0.50	5.71	38.00	1242.00	2.00	30.00	1.79	2.00	5.00	55.00	9.00	1.60	0.01	18.00	1.83	623.00
TL13309	26.5	27.5	1368399	3.00	4.94	50.00	572.00	2.00	29.00	0.97	8.00	6.00	40.00	65.00	2.30	0.01	17.00	1.43	584.00
TL13309	27.5	28.5	1368401	0.50	6.43	43.00	574.00	3.00	46.00	2.32	2.00	9.00	56.00	42.00	2.57	0.01	20.00	2.35	929.00
TL13309	28.5	30.0	1368402	1.00	6.74	45.00	532.00	2.00	28.00	2.52	2.00	9.00	65.00	28.00	2.21	0.01	19.00	2.05	828.00
TL13309	30.0	31.0	1368403	0.50	5.90	70.00	549.00	2.00	22.00	0.63	2.00	18.00	198.00	92.00	3.31	0.01	18.00	1.38	444.00
TL13309	31.0	32.0	1368404	1.00	4.52	92.00	270.00	1.00	32.00	0.34	2.00	15.00	155.00	28.00	2.97	0.19	13.00	0.88	253.00
TL13309	32.0	33.0	1368405	0.50	6.32	45.00	344.00	4.00	28.00	0.28	8.00	21.00	185.00	90.00	3.44	0.01	19.00	1.53	464.00
TL13309	32.0	33.0	1368406	2.00	6.34	65.00	353.00	2.00	22.00	0.34	2.00	18.00	196.00	51.00	3.07	0.28	18.00	1.23	373.00
TL13309	33.0	34.0	1368407	1.00	6.02	47.00	361.00	3.00	27.00	0.59	2.00	14.00	138.00	111.00	2.87	0.08	17.00	1.34	466.00
TL13309	34.0	35.0	1368408	14.00	5.65	56.00	391.00	2.00	55.00	0.65	2.00	10.00	117.00	58.00	2.38	0.01	16.00	1.40	450.00
TL13309	35.0	36.0	1368409	4.00	6.03	93.00	298.00	3.00	26.00	0.73	8.00	14.00	160.00	82.00	3.32	0.01	16.00	1.00	302.00
TL13309	36.0	36.9	1368411	5.00	5.45	99.00	334.00	2.00	26.00	0.36	5.00	16.00	185.00	31.00	3.51	0.12	15.00	0.98	326.00
TL13309	36.9	38.0	1368412	1.00	6.63	49.00	300.00	2.00	24.00	0.65	2.00	19.00	175.00	40.00	4.01	0.03	22.00	2.22	663.00
TL13309	38.0	39.0	1368413	2.00	5.06	72.00	248.00	1.00	24.00	0.67	2.00	14.00	163.00	28.00	3.12	0.82	16.00	1.43	476.00
TL13309	39.0	40.0	1368414	4.00	4.54	84.00	300.00	2.00	26.00	0.24	2.00	12.00	169.00	63.00	2.70	0.32	10.00	0.85	266.00
TL13309	40.0	41.0	1368415	20.00	3.97	113.00	422.00	2.00	30.00	0.12	23.00	11.00	117.00	226.00	2.85	0.45	11.00	0.61	167.00
TL13309	41.0	42.5	1368416	6.00	5.49	53.00	590.00	2.00	31.00	1.22	2.00	7.00	62.00	36.00	1.88	0.01	14.00	1.00	333.00
TL13309	42.5	44.0	1368417	2.00	5.21	49.00	484.00	2.00	36.00	1.46	2.00	7.00	36.00	23.00	1.79	0.01	14.00	1.38	395.00
TL13309	44.0	45.0	1368418	3.00	5.14	36.00	507.00	2.00	30.00	1.27	2.00	7.00	63.00	24.00	2.12	0.36	18.00	1.86	534.00
TL13309	45.0	46.5	1368419	4.00	5.93	49.00	484.00	2.00	44.00	1.92	2.00	7.00	47.00	21.00	1.72	0.01	15.00	1.66	464.00
TL13309	46.5	48.0	1368421	2.00	6.31	49.00	605.00	1.00	28.00	1.74	2.00	7.00	45.00	13.00	1.60	0.01	16.00	1.11	436.00
TL13309	48.0	49.5	1368422	8.00	4.69	74.00	619.00	2.00	21.00	1.09	2.00	11.00	67.00	36.00	2.14	0.01	17.00	0.70	321.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13309	6.6	7.5	1368382	0.50	45.00	331.00	136.00	0.31	2.50	11.00	5.00	132.00	1583.00	1.00	39.00	5.00	7.00	139.00
TL13309	7.5	9.0	1368383	0.50	38.00	329.00	22.00	0.06	2.50	18.00	11.00	123.00	1530.00	19.00	35.00	5.00	6.00	38.00
TL13309	9.0	10.5	1368384	0.50	28.00	416.00	31.00	0.55	2.50	2.50	5.00	114.00	1453.00	14.00	31.00	5.00	6.00	403.00
TL13309	10.5	11.5	1368386	1.00	47.00	367.00	846.00	1.10	2.50	9.00	5.00	101.00	1423.00	22.00	36.00	55.00	6.00	5999.00
TL13309	10.5	11.5	1368385	3.00	37.00	317.00	850.00	0.97	2.50	14.00	5.00	96.00	1517.00	1.00	34.00	58.00	6.00	6105.00
TL13309	11.5	12.5	1368387	0.50	36.00	273.00	43.00	0.48	2.50	12.00	5.00	89.00	1535.00	20.00	35.00	5.00	6.00	113.00
TL13309	12.5	14.0	1368388	0.50	31.00	366.00	57.00	0.76	2.50	17.00	5.00	101.00	1513.00	27.00	32.00	12.00	7.00	596.00
TL13309	14.0	15.0	1368389	0.50	47.00	318.00	30.00	0.32	2.50	16.00	5.00	108.00	1360.00	1.00	33.00	5.00	6.00	42.00
TL13309	15.0	16.5	1368391	0.50	40.00	473.00	49.00	0.01	2.50	2.50	5.00	122.00	1455.00	1.00	35.00	5.00	6.00	189.00
TL13309	16.5	18.0	1368392	0.50	32.00	332.00	40.00	0.26	2.50	13.00	5.00	119.00	1549.00	1.00	33.00	5.00	6.00	60.00
TL13309	18.0	19.5	1368393	0.50	24.00	375.00	30.00	0.31	5.00	14.00	5.00	91.00	1305.00	1.00	21.00	5.00	6.00	85.00
TL13309	19.5	21.0	1368394	0.50	61.00	381.00	20.00	0.62	2.50	18.00	5.00	112.00	1547.00	1.00	26.00	5.00	7.00	58.00
TL13309	21.0	22.5	1368395	0.50	38.00	340.00	38.00	0.01	2.50	14.00	12.00	103.00	1510.00	1.00	25.00	5.00	6.00	77.00
TL13309	22.5	24.0	1368396	0.50	32.00	317.00	43.00	0.23	2.50	14.00	5.00	117.00	1404.00	1.00	22.00	5.00	6.00	361.00
TL13309	24.0	25.5	1368397	0.50	60.00	304.00	58.00	0.01	2.50	2.50	10.00	154.00	1667.00	1.00	28.00	5.00	5.00	80.00
TL13309	25.5	26.5	1368398	1.00	84.00	365.00	99.00	0.01	5.00	21.00	5.00	163.00	1470.00	1.00	26.00	5.00	7.00	95.00
TL13309	26.5	27.5	1368399	0.50	59.00	550.00	1336.00	0.71	9.00	7.00	5.00	110.00	1527.00	1.00	29.00	33.00	7.00	2261.00
TL13309	27.5	28.5	1368401	0.50	64.00	682.00	71.00	0.58	2.50	2.50	5.00	171.00	1960.00	13.00	40.00	13.00	9.00	632.00
TL13309	28.5	30.0	1368402	0.50	68.00	583.00	99.00	0.64	2.50	5.00	10.00	179.00	1752.00	1.00	40.00	5.00	10.00	228.00
TL13309	30.0	31.0	1368403	4.00	142.00	447.00	63.00	1.00	6.00	2.50	5.00	80.00	1805.00	1.00	79.00	5.00	12.00	93.00
TL13309	31.0	32.0	1368404	8.00	120.00	317.00	149.00	1.60	2.50	5.00	5.00	65.00	1272.00	1.00	62.00	15.00	10.00	610.00
TL13309	32.0	33.0	1368405	2.00	130.00	481.00	128.00	1.12	2.50	2.50	5.00	68.00	1916.00	1.00	106.00	31.00	11.00	1842.00
TL13309	32.0	33.0	1368406	4.00	138.00	338.00	233.00	0.97	8.00	14.00	5.00	70.00	1802.00	1.00	105.00	5.00	11.00	298.00
TL13309	33.0	34.0	1368407	4.00	91.00	429.00	129.00	1.07	2.50	8.00	5.00	71.00	1509.00	4.00	65.00	5.00	11.00	248.00
TL13309	34.0	35.0	1368408	7.00	125.00	506.00	2105.00	0.46	17.00	18.00	5.00	65.00	1351.00	7.00	46.00	16.00	9.00	1129.00
TL13309	35.0	36.0	1368409	2.00	110.00	434.00	499.00	1.99	7.00	7.00	5.00	72.00	1220.00	1.00	71.00	30.00	10.00	2313.00
TL13309	36.0	36.9	1368411	6.00	147.00	414.00	407.00	1.53	7.00	2.50	11.00	60.00	1326.00	1.00	86.00	19.00	10.00	1333.00
TL13309	36.9	38.0	1368412	0.50	117.00	501.00	124.00	0.90	2.50	7.00	5.00	71.00	1827.00	9.00	94.00	5.00	11.00	178.00
TL13309	38.0	39.0	1368413	3.00	119.00	446.00	162.00	1.00	2.50	16.00	5.00	64.00	1335.00	1.00	66.00	5.00	10.00	169.00
TL13309	39.0	40.0	1368414	4.00	126.00	330.00	293.00	1.04	5.00	5.00	5.00	54.00	1150.00	1.00	60.00	11.00	10.00	668.00
TL13309	40.0	41.0	1368415	14.00	86.00	430.00	1176.00	1.43	14.00	9.00	5.00	47.00	1067.00	1.00	56.00	83.00	8.00	8125.00
TL13309	41.0	42.5	1368416	1.00	68.00	524.00	466.00	0.81	2.50	7.00	5.00	80.00	1352.00	1.00	35.00	11.00	3.00	711.00
TL13309	42.5	44.0	1368417	0.50	37.00	598.00	138.00	0.30	2.50	6.00	5.00	82.00	1226.00	1.00	29.00	5.00	2.00	177.00
TL13309	44.0	45.0	1368418	3.00	77.00	572.00	143.00	0.12	5.00	7.00	5.00	74.00	1581.00	3.00	37.00	5.00	2.00	230.00
TL13309	45.0	46.5	1368419	0.50	50.00	439.00	167.00	0.13	2.50	11.00	5.00	88.00	1429.00	19.00	33.00	11.00	3.00	561.00
TL13309	46.5	48.0	1368421	0.50	45.00	581.00	97.00	0.31	5.00	6.00	5.00	94.00	1721.00	1.00	37.00	10.00	3.00	417.00
TL13309	48.0	49.5	1368422	1.00	72.00	392.00	356.00	0.84	6.00	2.50	5.00	74.00	1898.00	1.00	45.00	10.00	3.00	631.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13309	49.5	51.0	1368423	3.00	5.91	66.00	597.00	2.00	20.00	2.55	2.00	9.00	59.00	28.00	2.08	0.01	22.00	1.13	641.00
TL13309	51.0	52.5	1368424	3.00	5.46	58.00	534.00	2.00	31.00	2.16	2.00	15.00	120.00	60.00	2.99	0.01	18.00	1.39	695.00
TL13309	52.5	54.0	1368425	2.00	6.94	99.00	564.00	3.00	10.00	1.38	2.00	26.00	186.00	44.00	4.55	0.01	23.00	1.80	705.00
TL13309	52.5	54.0	1368426	2.00	5.47	49.00	478.00	3.00	44.00	1.22	2.00	21.00	137.00	37.00	3.69	0.01	18.00	1.57	601.00
TL13309	54.0	55.0	1368427	2.00	6.24	31.00	547.00	3.00	31.00	1.96	2.00	20.00	140.00	46.00	2.87	0.01	20.00	1.23	452.00
TL13309	55.0	56.5	1368428	1.00	2.14	30.00	317.00	2.00	45.00	1.48	2.00	13.00	130.00	33.00	2.35	0.01	6.00	1.01	423.00
TL13309	56.5	58.0	1368429	2.00	1.47	34.00	294.00	1.00	20.00	0.80	2.00	14.00	98.00	40.00	2.20	0.01	3.00	0.95	355.00
TL13309	58.0	59.5	1368431	2.00	5.06	41.00	487.00	3.00	42.00	1.71	2.00	21.00	177.00	59.00	3.72	0.01	17.00	1.39	670.00
TL13309	59.5	61.0	1368432	2.00	2.32	50.00	383.00	1.00	18.00	0.99	2.00	14.00	126.00	39.00	2.37	0.01	8.00	0.71	366.00
TL13309	61.0	62.5	1368433	2.00	3.13	81.00	474.00	2.00	29.00	1.03	2.00	12.00	158.00	45.00	2.18	0.01	13.00	0.59	322.00
TL13309	62.5	64.0	1368434	1.00	4.28	57.00	654.00	4.00	46.00	2.33	2.00	8.00	68.00	9.00	1.80	0.01	14.00	1.13	584.00
TL13309	64.0	65.5	1368435	2.00	5.76	69.00	808.00	3.00	50.00	2.54	2.00	8.00	68.00	16.00	1.82	0.01	20.00	1.13	598.00
TL13309	65.5	66.5	1368436	3.00	2.57	77.00	631.00	3.00	15.00	1.49	6.00	7.00	84.00	52.00	2.14	0.01	10.00	0.77	495.00
TL13309	66.5	67.5	1368437	2.00	3.75	22.00	568.00	3.00	24.00	2.71	2.00	6.00	50.00	29.00	1.47	0.01	10.00	1.30	1020.00
TL13309	67.5	69.0	1368438	0.50	3.91	24.00	591.00	2.00	22.00	2.53	2.00	7.00	53.00	13.00	1.41	0.01	12.00	1.14	747.00
TL13309	69.0	70.5	1368439	2.00	5.33	34.00	627.00	2.00	12.00	3.20	2.00	7.00	49.00	26.00	1.82	0.01	13.00	1.56	907.00
TL13309	70.5	72.0	1368441	1.00	5.57	25.00	747.00	2.00	25.00	2.74	2.00	8.00	70.00	12.00	1.72	0.01	19.00	1.34	616.00
TL13309	72.0	73.5	1368442	2.00	4.83	22.00	720.00	3.00	26.00	2.68	2.00	8.00	50.00	6.00	1.70	0.01	16.00	1.08	433.00
TL13309	73.5	75.0	1368443	2.00	3.59	35.00	716.00	2.00	20.00	2.52	2.00	6.00	52.00	8.00	1.58	0.01	14.00	0.93	612.00
TL13309	75.0	76.5	1368444	1.00	3.20	32.00	664.00	3.00	50.00	2.26	2.00	6.00	62.00	18.00	1.56	0.01	12.00	0.95	702.00
TL13309	76.5	78.0	1368445	1.00	3.00	33.00	702.00	2.00	17.00	1.88	2.00	6.00	60.00	21.00	1.36	0.01	13.00	0.75	519.00
TL13309	76.5	78.0	1368446	2.00	3.34	32.00	667.00	2.00	25.00	1.83	2.00	5.00	42.00	21.00	1.21	0.01	11.00	0.81	502.00
TL13309	78.0	79.0	1368447	1.00	4.78	33.00	723.00	2.00	44.00	2.45	2.00	7.00	51.00	13.00	1.52	0.01	14.00	1.02	580.00
TL13309	79.0	80.1	1368448	0.50	4.11	32.00	657.00	2.00	27.00	2.22	2.00	6.00	45.00	21.00	1.35	0.01	11.00	0.92	467.00
TL13309	80.1	81.1	1368449	4.00	4.13	61.00	738.00	2.00	30.00	1.69	15.00	6.00	66.00	82.00	2.28	0.01	13.00	0.64	476.00
TL13309	81.1	82.1	1368451	2.00	4.60	41.00	776.00	2.00	29.00	2.20	6.00	7.00	56.00	117.00	2.22	0.03	11.00	0.97	676.00
TL13309	82.1	83.1	1368452	2.00	4.14	41.00	621.00	2.00	29.00	1.84	2.00	7.00	54.00	50.00	1.54	0.01	14.00	0.82	662.00
TL13309	83.1	84.1	1368453	1.00	3.56	27.00	553.00	3.00	31.00	1.86	2.00	7.00	43.00	9.00	1.40	0.01	13.00	0.81	679.00
TL13309	84.1	85.1	1368454	1.00	5.03	22.00	606.00	2.00	40.00	2.13	2.00	8.00	54.00	16.00	1.61	0.01	20.00	0.88	575.00
TL13309	85.1	86.1	1368455	2.00	4.71	29.00	513.00	3.00	25.00	2.12	2.00	7.00	58.00	51.00	1.80	0.01	18.00	0.87	536.00
TL13309	86.1	87.1	1368456	3.00	4.92	56.00	523.00	1.00	23.00	1.83	7.00	8.00	56.00	69.00	2.07	0.01	22.00	0.80	459.00
TL13309	87.1	88.1	1368457	2.00	4.88	19.00	507.00	2.00	23.00	2.02	4.00	7.00	53.00	18.00	1.67	0.01	25.00	0.90	431.00
TL13309	88.1	89.3	1368458	1.00	4.70	23.00	507.00	3.00	31.00	1.77	2.00	7.00	22.00	7.00	1.38	0.01	27.00	1.00	375.00
TL13309	89.3	90.8	1368459	1.00	6.04	24.00	603.00	3.00	14.00	2.77	2.00	8.00	32.00	11.00	1.72	0.01	18.00	0.85	309.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13309	49.5	51.0	1368423	0.50	51.00	346.00	95.00	0.95	2.50	26.00	5.00	104.00	1805.00	14.00	37.00	5.00	3.00	252.00
TL13309	51.0	52.5	1368424	0.50	75.00	497.00	92.00	0.68	5.00	18.00	5.00	95.00	2057.00	1.00	64.00	5.00	7.00	355.00
TL13309	52.5	54.0	1368425	1.00	126.00	545.00	85.00	1.17	2.50	13.00	5.00	86.00	2348.00	19.00	99.00	12.00	8.00	432.00
TL13309	52.5	54.0	1368426	0.50	73.00	512.00	60.00	0.94	2.50	5.00	11.00	76.00	1897.00	8.00	76.00	5.00	7.00	412.00
TL13309	54.0	55.0	1368427	0.50	59.00	468.00	67.00	0.48	2.50	13.00	5.00	118.00	2054.00	1.00	79.00	5.00	8.00	671.00
TL13309	55.0	56.5	1368428	1.00	97.00	189.00	47.00	0.01	2.50	6.00	5.00	101.00	1495.00	1.00	51.00	14.00	6.00	503.00
TL13309	56.5	58.0	1368429	0.50	42.00	131.00	42.00	0.01	2.50	2.50	5.00	76.00	1335.00	1.00	54.00	5.00	6.00	288.00
TL13309	58.0	59.5	1368431	0.50	107.00	505.00	75.00	0.83	2.50	17.00	5.00	101.00	2429.00	1.00	92.00	5.00	13.00	103.00
TL13309	59.5	61.0	1368432	0.50	87.00	258.00	44.00	0.05	2.50	8.00	5.00	67.00	1814.00	1.00	66.00	5.00	7.00	56.00
TL13309	61.0	62.5	1368433	2.00	120.00	297.00	96.00	0.89	2.50	17.00	5.00	69.00	1779.00	20.00	55.00	5.00	5.00	310.00
TL13309	62.5	64.0	1368434	0.50	83.00	503.00	52.00	0.38	2.50	12.00	5.00	111.00	1817.00	7.00	37.00	5.00	3.00	53.00
TL13309	64.0	65.5	1368435	5.00	86.00	436.00	112.00	1.25	2.50	20.00	5.00	121.00	1949.00	20.00	41.00	16.00	3.00	468.00
TL13309	65.5	66.5	1368436	7.00	120.00	309.00	624.00	1.03	6.00	5.00	5.00	89.00	1586.00	1.00	37.00	25.00	2.00	1777.00
TL13309	66.5	67.5	1368437	2.00	68.00	475.00	157.00	0.01	2.50	7.00	5.00	98.00	1469.00	5.00	31.00	12.00	2.00	704.00
TL13309	67.5	69.0	1368438	4.00	76.00	354.00	48.00	0.01	2.50	12.00	5.00	94.00	1543.00	1.00	32.00	5.00	2.00	56.00
TL13309	69.0	70.5	1368439	17.00	57.00	474.00	67.00	0.01	2.50	12.00	10.00	129.00	1698.00	22.00	35.00	5.00	3.00	132.00
TL13309	70.5	72.0	1368441	2.00	75.00	619.00	44.00	0.01	2.50	7.00	5.00	128.00	1883.00	1.00	38.00	5.00	3.00	77.00
TL13309	72.0	73.5	1368442	1.00	65.00	384.00	35.00	0.01	2.50	5.00	5.00	133.00	1722.00	1.00	34.00	5.00	2.00	45.00
TL13309	73.5	75.0	1368443	2.00	68.00	441.00	34.00	0.19	2.50	2.50	10.00	120.00	1520.00	1.00	34.00	5.00	2.00	49.00
TL13309	75.0	76.5	1368444	5.00	93.00	448.00	73.00	0.01	2.50	15.00	5.00	115.00	1261.00	12.00	28.00	5.00	2.00	181.00
TL13309	76.5	78.0	1368445	5.00	86.00	285.00	98.00	0.01	2.50	13.00	5.00	127.00	1426.00	1.00	32.00	5.00	2.00	182.00
TL13309	76.5	78.0	1368446	0.50	53.00	381.00	111.00	0.01	5.00	10.00	5.00	124.00	1399.00	35.00	30.00	5.00	2.00	243.00
TL13309	78.0	79.0	1368447	2.00	70.00	487.00	41.00	0.01	2.50	2.50	10.00	170.00	1668.00	28.00	33.00	5.00	2.00	74.00
TL13309	79.0	80.1	1368448	1.00	54.00	465.00	49.00	0.04	2.50	16.00	5.00	154.00	1255.00	1.00	30.00	11.00	2.00	45.00
TL13309	80.1	81.1	1368449	7.00	88.00	322.00	318.00	1.27	2.50	13.00	5.00	158.00	1211.00	1.00	28.00	38.00	2.00	3495.00
TL13309	81.1	82.1	1368451	4.00	80.00	361.00	90.00	0.44	2.50	7.00	5.00	179.00	1469.00	16.00	31.00	22.00	2.00	1458.00
TL13309	82.1	83.1	1368452	3.00	75.00	536.00	284.00	0.06	2.50	13.00	5.00	141.00	1640.00	24.00	34.00	5.00	2.00	201.00
TL13309	83.1	84.1	1368453	0.50	53.00	384.00	102.00	0.01	2.50	10.00	5.00	127.00	1582.00	1.00	32.00	10.00	2.00	99.00
TL13309	84.1	85.1	1368454	2.00	69.00	490.00	83.00	0.01	6.00	13.00	5.00	154.00	1853.00	1.00	36.00	44.00	3.00	204.00
TL13309	85.1	86.1	1368455	3.00	83.00	524.00	299.00	0.31	2.50	12.00	5.00	138.00	1636.00	1.00	35.00	10.00	3.00	559.00
TL13309	86.1	87.1	1368456	4.00	80.00	441.00	610.00	0.61	2.50	11.00	5.00	133.00	1712.00	1.00	36.00	26.00	2.00	1891.00
TL13309	87.1	88.1	1368457	3.00	75.00	404.00	535.00	0.01	2.50	10.00	5.00	152.00	1698.00	13.00	34.00	21.00	2.00	1223.00
TL13309	88.1	89.3	1368458	0.50	15.00	447.00	27.00	0.01	7.00	19.00	5.00	148.00	1650.00	1.00	32.00	5.00	2.00	92.00
TL13309	89.3	90.8	1368459	0.50	33.00	506.00	23.00	0.01	2.50	12.00	11.00	192.00	2067.00	1.00	38.00	5.00	3.00	40.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13309	6.6	37.0	30.4	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-amph veins
TL13309	6.6	37.0	30.4	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13309	6.6	37.0	30.4	PY	DISS	1	1% disseminated py throughout the interval
TL13309	6.6	37.0	30.4	SPH	ST	1	1% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13309	6.6	37.0	30.4	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-amph veins
TL13309	26.5	37.0	10.5	PB	BLB	0.1	Trace to 1% gal blebs associated w/ sph mineralization
TL13309	37.0	42.5	5.6	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13309	37.0	42.5	5.6	PY	ST	3	3% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13309	37.0	42.5	5.6	PY	DISS	2	2% disseminated py throughout the interval
TL13309	37.0	42.5	5.6	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins, associated w/ gal
TL13309	37.0	42.5	5.6	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers near qtz veins and cpy
TL13309	42.5	80.1	37.5	PY	ST	3	3% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13309	42.5	80.1	37.5	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13309	42.5	80.1	37.5	SPH	ST	1	1% sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13309	42.5	80.1	37.5	PB	BLB	0.1	Trace gal blebs found in qtz veins w/ sph and cpy
TL13309	42.5	80.1	37.5	CP	BLB	0.1	Trace cpy blebs typically found w/ po but also in qtz veins
TL13309	42.5	80.1	37.5	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins
TL13309	80.1	89.3	9.2	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins w/ cpy
TL13309	80.1	89.3	9.2	PY	DISS	0.1	Trace disseminated py
TL13309	80.1	89.3	9.2	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13309	80.1	89.3	9.2	SPH	ST	1	1% sph in 1-8mm wide stringers oriented semi-parallel to foliation and along margins of qtz veins
TL13309	80.1	89.3	9.2	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins w/ po
TL13309	89.3	126.0	36.7	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL13309	89.3	126.0	36.7	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-amph veins
TL13309	89.3	126.0	36.7	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13309	89.3	126.0	36.7	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13309	6.6	16.8	10.2	FOL	Very Strong	60	V. strong foliation at 60 deg TCA
TL13309	6.6	37.0	30.4	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL13309	16.8	36.0	19.3	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13309	33.0	36.0	3.0	FR	Very Strong	55	V. strongly fractured along foliation
TL13309	36.0	37.0	1.0	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13309	37.0	42.5	5.6	FR	Strong	55	Strongly fractured along foliation
TL13309	37.0	42.5	5.6	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13309	42.5	56.0	13.5	FOL	Strong	55	Moderate to strong foliation at 55 deg TCA
TL13309	42.5	80.1	37.5	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13309	42.5	80.1	37.5	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13309	56.0	60.0	4.0	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13309	60.0	61.8	1.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13309	61.8	74.0	12.2	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13309	64.2	64.4	0.2	Fold	Moderate	65	Large sheath fold oriented at 65 deg TCA
TL13309	64.2	64.4	0.2	Fold	Moderate	35	Large sheath fold oriented at 35 deg TCA
TL13309	74.0	80.1	6.1	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13309	80.1	89.3	9.2	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13309	80.1	89.3	9.2	FR	Very Weak	45	V. weak fracture oriented at 45 deg TCA
TL13309	89.3	126.0	36.7	FOL	Very Weak	65	V. weak foliation at 65 deg TCA
TL13309	89.3	126.0	36.7	FR	Weak	30	Weak shallow fracture set cross cutting foliation at 30 deg TCA
TL13309	89.3	126.0	36.7	FR	Weak	50	Weak fracture set oriented at 50 deg TCA along foliation

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13309	6.6	14.1	7.6	SR	Patchy	Moderate	Moderate patchy ser alt, 45% ser to 55% bio
TL13309	6.6	22.0	15.4	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13309	14.1	37.0	22.8	SR	Patchy	Weak	Weak patchy ser alt, 20% ser to 80% bio
TL13309	22.0	37.0	15.0	SI	Patchy	Weak	Weak patchy sil alt
TL13309	30.0	37.0	7.0	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13309	37.0	39.1	2.1	SR	Patchy	Moderate	Moderate patchy ser alt, 55% ser to 45% bio
TL13309	37.0	42.5	5.6	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13309	37.0	42.5	5.6	SI	Patchy	Moderate	Moderate to weak patch sil alt
TL13309	39.1	42.5	3.5	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13309	42.5	51.7	9.1	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13309	42.5	80.1	37.5	SI	Patchy	Strong	Strong patchy sil alt
TL13309	51.7	60.7	9.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13309	60.7	66.6	5.9	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13309	66.6	80.1	13.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13309	80.1	89.3	9.2	CH	Patchy	Very Weak	V. weakpatchy chl alt throughout
TL13309	80.1	89.3	9.2	SI	Patchy	Strong	Strong patchy sil alt
TL13309	80.1	89.3	9.2	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13309	89.3	99.0	9.7	CH	Fract-Cont	Weak	Weak fracture controlled chl alt
TL13309	89.3	126.0	36.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13309	89.3	126.0	36.7	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13309	9	12	3	2.92	1.9	97.33	63.33	20	
TL13309	12	15	3	3.07	1.94	102.33	64.67	19	
TL13309	15	18	3	2.97	2.03	99	67.67	15	
TL13309	18	21	3	3	2.61	100	87	13	
TL13309	21	24	3	2.95	2.62	98.33	87.33	12	
TL13309	24	27	3	3.03	2.49	101	83	14	
TL13309	27	30	3	2.98	1.58	99.33	52.67	26	
TL13309	30	33	3	2.97	1.25	99	41.67	29	
TL13309	33	36	3	2.96	0.57	98.67	19	50	2SRP
TL13309	36	39	3	3.11	0.95	103.67	31.67	50	3SRP
TL13309	39	42	3	2.98	0.69	99.33	23	50	
TL13309	42	45	3	2.97	1.64	99	54.67	29	
TL13309	45	48	3	2.95	1.62	98.33	54	29	
TL13309	48	51	3	2.96	0.71	98.67	23.67	40	
TL13309	51	54	3	3.04	2.47	101.33	82.33	21	
TL13309	54	57	3	2.99	1.44	99.67	48	27	
TL13309	57	60	3	3.05	1.01	101.67	33.67	50	SRP
TL13309	60	63	3	2.9	1.64	96.67	54.67	22	
TL13309	63	66	3	3.05	2.65	101.67	88.33	13	
TL13309	66	69	3	3	2.89	100	96.33	8	
TL13309	69	72	3	3.02	2.34	100.67	78	10	
TL13309	72	75	3	2.89	2.23	96.33	74.33	13	
TL13309	75	78	3	3	2.1	100	70	19	
TL13309	78	81	3	2.96	1.72	98.67	57.33	20	
TL13309	81	84	3	3.01	2.7	100.33	90	15	
TL13309	84	87	3	3.1	1.73	103.33	57.67	32	
TL13309	87	90	3	2.96	2	98.67	66.67	24	
TL13309	90	93	3	2.94	2.01	98	67	24	SRP
TL13309	93	96	3	2.99	1.88	99.67	62.67	22	
TL13309	96	99	3	3	2.34	100	78	12	
TL13309	99	102	3	3.1	2.02	103.33	67.33	23	
TL13309	102	105	3	2.9	2.16	96.67	72	22	
TL13309	105	108	3	2.91	0.9	97	30	36	
TL13309	108	111	3	3.04	2.02	101.33	67.33	20	
TL13309	111	114	3	3.02	2.2	100.67	73.33	23	
TL13309	114	117	3	2.94	2.21	98	73.67	23	
TL13309	117	120	3	2.97	2.69	99	89.67	11	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13309	120	123	3	2.65	2.25	88.33	75	21	
TL13309	123	126	3	3.05	2.73	101.67	91	12	

DETAILED LOG

Hole Number: TL13310

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -48.00
Project Number: TMI-TL	North: 5511902.28	North:	Collar Az: 0.00
Location: Zealand Township	East: 527700.87	East:	Length: 144.00
	Elev: 393.43	Elev:	Start Depth: 0.00
Date Started: Jan 29, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 30, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 144.00

Comments: Logged by Brian Wolfe

Claim#1106347

MSS Possible weak Main-Zone from 15.05m-19.9m

This possible C-Zone MSS has moderate patchy sericitic alteration and strong patchy silicification. This unit is mineralized with 1% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs, and trace disseminated pyrite.

MSS possible B-Zone from 45.36m-52.05m

This B-Zone MSS has strong patchy sericitic alteration, very weak to strong patchy silicification, and weak patchy chloritic alteration. This unit is poorly mineralized with 1% disseminated pyrite, trace pyrite stringers, trace chalcopyrite blebs, trace galena blebs and trace possible VG in small 2mm wide speck found within pyrite stringer containing galena blebs.

Possible VG speck found at 51.11m

MSS Top of C-Zone? from 87.7m-92.38m

This MSS unit has strong patchy sericitic alteration and weak patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite stringers, and trace galena blebs.

MSS C-Zone from 104.82m-127.05m

This C-Zone MSS has very strong to moderate patchy sericitic alteration and moderate patchy silicification. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, and trace chalcopyrite blebs.

1 possible fleck of VG at 100.33m depth found on the margin of a smokey grey translucent qtz vein in silicified, sericitized patch containing galena, sphalerite and chalcopyrite. In BMS unit

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	1.00	-48.50	EZ Sho	OK		15.00	1.30	-48.10	EZ Sho	OK	
51.00	1.80	-47.90	EZ Sho	OK		102.00	3.50	-46.70	EZ Sho	OK	
144.00	4.20	-45.60	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	6.92	OB, Overburden									
6.92	15.05	BMS, Biotite Muscovite Schist	1342189	9.00	10.50	1.50	0.06				
		This BMS unit has moderate patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with only trace to 1% disseminated pyrite and trace pyrite in stringers.	1342191	10.50	12.00	1.50	0.04				
			1342192	12.00	13.50	1.50	0.02				
			1342193	13.50	15.00	1.50	0.03				
			1342194	15.00	16.00	1.00	0.06				

Hole Number: TL13310

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM	Au_gpt_ALCN1
15.05	19.90	MSS, Muscovite Sericite Schist MSS Possible weak Main-Zone from 15.05m-19.9m This possible C-Zone MSS has moderate patchy sericitic alteration and strong patchy silicification. This unit is mineralized with 1% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs, and trace disseminated pyrite.	1342195	16.00	17.00	1.00	1.41				
			1342196	16.00	17.00	1.00	1.70				
			1342197	17.00	18.00	1.00	0.28				
			1342198	18.00	19.00	1.00	0.09				
			1342199	19.00	20.00	1.00	0.18				
19.90	45.36	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, and trace chalcopyrite blebs.	1342201	20.00	21.50	1.50	0.02				
			1342202	43.80	45.30	1.50	0.00				
			1342203	45.30	46.80	1.50	0.11				
45.36	52.05	MSS, Muscovite Sericite Schist MSS possible B-Zone from 45.36m-52.05m This B-Zone MSS has strong patchy sericitic alteration, very weak to strong patchy silicification, and weak patchy chloritic alteration. This unit is poorly mineralized with 1% disseminated pyrite, trace pyrite stringers, trace chalcopyrite blebs, trace galena blebs and trace possible VG in small 2mm wide speck found within pyrite stringer containing galena blebs. Possible VG speck found at 51.11m	1342204	46.80	48.00	1.20	0.04				
			1342205	48.00	49.00	1.00	0.08				
			1342206	49.00	50.00	1.00	1.30				
			1342207	50.00	51.00	1.00	0.09				
			1342208	51.00	52.00	1.00	0.24				
			1342209	52.00	53.50	1.50	0.01				
52.05	87.70	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong to weak patchy silicification. This unit contains 1% disseminated pyrite, 1% sphalerite in stringers, trace pyrite in stringers, trace galena blebs and trace chalcopyrite blebs.	1342211	53.50	55.00	1.50	0.28				
			1342212	55.00	56.50	1.50	0.12				
			1342213	56.50	58.00	1.50	0.10				
			1342214	58.00	59.50	1.50	0.02				
			1342216	59.50	61.00	1.50	0.03				
			1342215	59.50	61.00	1.50	0.03				
			1342217	61.00	62.50	1.50	0.07				
			1342218	70.00	71.50	1.50	0.10				
			1342219	71.50	72.50	1.00	0.03				
			1342221	72.50	74.00	1.50	0.03				
			1342222	82.00	83.50	1.50	0.02				
			1342223	83.50	84.50	1.00	0.13				
			1342224	84.50	85.50	1.00	0.03				
			1342225	85.50	86.50	1.00	0.07				
			1342226	86.50	87.70	1.20	0.05				
87.70	92.38	MSS, Muscovite Sericite Schist MSS Top of C-Zone? from 87.7m-92.38m This MSS unit has strong patchy sericitic alteration and weak patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite stringers, and trace galena blebs.	1342227	87.70	89.20	1.50	0.09				
			1342228	89.20	90.20	1.00	0.70				
			1342229	90.20	91.20	1.00	1.14				
			1342231	91.20	92.40	1.20	0.91				

DETAILED LOG

Hole Number: TL13310

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
92.38	104.82	BMS, Biotite Muscovite Schist This BMS unit is part of the C-Zone and has weak patchy sericitic alteration and weak patchy silicification. This unit is mineralized with 1% pyrite in stringers, 1% disseminated pyrite, trace sphalerite stringers, trace galena blebs, trace chalcopyrite blebs, and 1 possible fleck of VG at 100.33m depth found on the margin of a smokey grey translucent qtz vein in silicified, sericitized patch containing galena, sphalerite and chalcopyrite.	1342232	92.40	93.50	1.10	0.27				
			1342233	93.50	95.00	1.50	0.18				
			1342234	95.00	96.50	1.50	0.15				
			1342236	96.50	98.00	1.50	0.20				
			1342235	96.50	98.00	1.50	0.24				
			1342237	98.00	99.00	1.00	0.09				
			1342238	99.00	100.00	1.00	2.00				
			1342239	100.00	100.50	0.50	6.46			6.18	
			1342241	100.50	102.00	1.50	0.04				
			1342242	102.00	103.50	1.50	0.06				
			1342243	103.50	105.00	1.50	0.03				
104.82	127.05	MSS, Muscovite Sericite Schist MSS C-Zone from 104.82m-127.05m This C-Zone MSS has very strong to moderate patchy sericitic alteration and moderate patchy silicification. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, and trace chalcopyrite blebs.	1342244	105.00	106.50	1.50	0.05				
			1342245	106.50	108.00	1.50	0.14				
			1342246	108.00	109.50	1.50	0.46				
			1342247	109.50	111.00	1.50	1.02				
			1342248	111.00	112.50	1.50	0.07				
			1342249	112.50	114.00	1.50	0.03				
			1342251	114.00	115.50	1.50	0.08				
			1342252	115.50	117.00	1.50	0.29				
			1342253	117.00	118.50	1.50	0.68				
			1342254	118.50	120.00	1.50	0.10				
			1342255	120.00	121.50	1.50	0.37				
			1342256	120.00	121.50	1.50	0.31				
			1342257	121.50	123.00	1.50	0.37				
			1342258	123.00	124.00	1.00	2.80				
			1342259	124.00	125.00	1.00	0.48				
			1342261	125.00	126.00	1.00	0.06				
			1342262	126.00	127.00	1.00	0.19				
			1342263	127.00	128.50	1.50	0.13				
127.05	144.00	BMS, Biotite Muscovite Schist	1342264	128.50	130.00	1.50	0.11				
			1342265	130.00	131.50	1.50	0.01				
			1342266	131.50	133.00	1.50	0.01				
			1342267	133.00	134.50	1.50	0.03				
			1342268	134.50	136.00	1.50	0.12				
			1342269	136.00	137.50	1.50	0.04				
			1342271	137.50	139.00	1.50	0.13				
			1342272	139.00	140.50	1.50	0.04				
			1342273	140.50	142.00	1.50	0.01				
			1342274	142.00	143.00	1.00	0.05				
			1342275	143.00	144.00	1.00	0.04				
			1342276	143.00	144.00	1.00	0.04				

Hole Number: TL13310

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342189	9.00	10.50	0.0550				
1342191	10.50	12.00	0.0360				
1342192	12.00	13.50	0.0240				
1342193	13.50	15.00	0.0290				
1342194	15.00	16.00	0.0560				
1342195	16.00	17.00	1.4090				
1342197	17.00	18.00	0.2770				
1342198	18.00	19.00	0.0870				
1342199	19.00	20.00	0.1780				
1342201	20.00	21.50	0.0230				
1342202	43.80	45.30	0.0030				
1342203	45.30	46.80	0.1060				
1342204	46.80	48.00	0.0420				
1342205	48.00	49.00	0.0800				
1342206	49.00	50.00	1.3040				
1342207	50.00	51.00	0.0920				
1342208	51.00	52.00	0.2380				
1342209	52.00	53.50	0.0120				
1342211	53.50	55.00	0.2800				
1342212	55.00	56.50	0.1180				
1342213	56.50	58.00	0.0990				
1342214	58.00	59.50	0.0230				
1342215	59.50	61.00	0.0330				
1342217	61.00	62.50	0.0660				
1342218	70.00	71.50	0.0980				
1342219	71.50	72.50	0.0270				
1342221	72.50	74.00	0.0270				
1342222	82.00	83.50	0.0210				
1342223	83.50	84.50	0.1270				
1342224	84.50	85.50	0.0320				
1342225	85.50	86.50	0.0700				
1342226	86.50	87.70	0.0490				
1342227	87.70	89.20	0.0850				
1342228	89.20	90.20	0.7020				
1342229	90.20	91.20	1.1420				
1342231	91.20	92.40	0.9070				
1342232	92.40	93.50	0.2700				
1342233	93.50	95.00	0.1780				
1342234	95.00	96.50	0.1530				

Hole Number: TL13310

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342235	96.50	98.00	0.2390				
1342237	98.00	99.00	0.0920				
1342238	99.00	100.00	2.0040				
1342239	100.00	100.50	6.4560			6.1790	
1342241	100.50	102.00	0.0400				
1342242	102.00	103.50	0.0640				
1342243	103.50	105.00	0.0320				
1342244	105.00	106.50	0.0460				
1342245	106.50	108.00	0.1390				
1342246	108.00	109.50	0.4550				
1342247	109.50	111.00	1.0180				
1342248	111.00	112.50	0.0700				
1342249	112.50	114.00	0.0280				
1342251	114.00	115.50	0.0790				
1342252	115.50	117.00	0.2860				
1342253	117.00	118.50	0.6800				
1342254	118.50	120.00	0.1020				
1342255	120.00	121.50	0.3680				
1342257	121.50	123.00	0.3720				
1342258	123.00	124.00	2.7950				
1342259	124.00	125.00	0.4750				
1342261	125.00	126.00	0.0580				
1342262	126.00	127.00	0.1900				
1342263	127.00	128.50	0.1340				
1342264	128.50	130.00	0.1110				
1342265	130.00	131.50	0.0100				
1342266	131.50	133.00	0.0130				
1342267	133.00	134.50	0.0340				
1342268	134.50	136.00	0.1150				
1342269	136.00	137.50	0.0380				
1342271	137.50	139.00	0.1260				
1342272	139.00	140.50	0.0420				
1342273	140.50	142.00	0.0120				
1342274	142.00	143.00	0.0540				
1342275	143.00	144.00	0.0360				
Sample Type	CDUP						
1342196	16.00	17.00	1.6950				
1342216	59.50	61.00	0.0270				
1342236	96.50	98.00	0.2030				

Hole Number: TL13310

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1342256	120.00	121.50	0.3060				
1342276	143.00	144.00	0.0380				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13310	9.0	10.5	1342189	0.50	2.83	17.00	11.00	2.00	15.00	0.12	2.00	5.00	15.00	11.00	1.01	0.10	8.00	0.88	539.00
TL13310	10.5	12.0	1342191	0.50	5.25	7.00	141.00	2.00	12.00	0.44	2.00	5.00	21.00	10.00	0.95	0.01	15.00	0.90	514.00
TL13310	12.0	13.5	1342192	0.50	2.50	10.00	39.00	1.00	25.00	0.01	2.00	4.00	31.00	7.00	0.73	0.01	7.00	0.65	335.00
TL13310	13.5	15.0	1342193	0.50	3.45	10.00	67.00	1.00	17.00	0.09	2.00	3.00	27.00	11.00	0.79	0.01	6.00	0.69	340.00
TL13310	15.0	16.0	1342194	0.50	3.20	7.00	21.00	2.00	12.00	0.01	2.00	5.00	30.00	4.00	0.65	0.01	5.00	0.55	248.00
TL13310	16.0	17.0	1342195	15.00	2.98	39.00	0.50	2.00	0.50	0.01	2.00	4.00	24.00	177.00	1.01	0.26	6.00	0.48	146.00
TL13310	16.0	17.0	1342196	20.00	3.40	46.00	0.50	2.00	17.00	0.01	4.00	4.00	47.00	215.00	1.25	0.46	7.00	0.48	142.00
TL13310	17.0	18.0	1342197	5.00	3.87	29.00	0.50	2.00	20.00	0.01	2.00	6.00	35.00	35.00	1.38	0.34	7.00	0.69	359.00
TL13310	18.0	19.0	1342198	1.00	4.65	19.00	18.00	2.00	17.00	0.35	2.00	5.00	32.00	15.00	1.14	0.56	9.00	0.99	612.00
TL13310	19.0	20.0	1342199	2.00	4.79	18.00	17.00	1.00	15.00	0.12	2.00	5.00	39.00	39.00	1.34	0.45	10.00	0.85	478.00
TL13310	20.0	21.5	1342201	1.00	4.69	26.00	20.00	2.00	32.00	0.50	2.00	4.00	27.00	6.00	1.21	0.01	10.00	1.05	625.00
TL13310	43.8	45.3	1342202	0.50	2.58	7.00	0.50	3.00	15.00	1.31	2.00	4.00	21.00	5.00	1.43	0.01	2.00	1.68	1190.00
TL13310	45.3	46.8	1342203	0.50	4.13	38.00	0.50	2.00	28.00	0.01	2.00	3.00	17.00	8.00	1.34	0.01	9.00	0.74	385.00
TL13310	46.8	48.0	1342204	1.00	4.12	24.00	0.50	2.00	23.00	1.00	2.00	3.00	23.00	25.00	1.47	0.01	8.00	1.22	1223.00
TL13310	48.0	49.0	1342205	0.50	4.07	29.00	0.50	2.00	17.00	3.78	2.00	4.00	22.00	4.00	2.21	0.17	6.00	2.51	2624.00
TL13310	49.0	50.0	1342206	1.00	5.41	23.00	146.00	2.00	23.00	0.35	2.00	4.00	21.00	18.00	1.41	0.08	14.00	1.00	616.00
TL13310	50.0	51.0	1342207	1.00	5.11	20.00	603.00	2.00	17.00	0.59	2.00	5.00	25.00	12.00	1.54	0.41	13.00	1.06	466.00
TL13310	51.0	52.0	1342208	5.00	4.69	43.00	255.00	3.00	18.00	0.32	2.00	13.00	62.00	35.00	2.05	0.34	10.00	0.73	307.00
TL13310	52.0	53.5	1342209	0.50	4.02	7.00	108.00	2.00	19.00	0.96	2.00	14.00	92.00	37.00	2.52	0.64	12.00	0.90	412.00
TL13310	53.5	55.0	1342211	1.00	5.36	4.00	144.00	2.00	23.00	0.61	2.00	21.00	136.00	45.00	3.48	0.01	18.00	1.32	562.00
TL13310	55.0	56.5	1342212	3.00	3.93	30.00	125.00	2.00	22.00	1.34	15.00	12.00	57.00	71.00	2.68	0.31	7.00	1.41	879.00
TL13310	56.5	58.0	1342213	22.00	4.20	27.00	382.00	1.00	50.00	2.02	8.00	6.00	21.00	38.00	2.11	0.45	6.00	1.80	1205.00
TL13310	58.0	59.5	1342214	1.00	5.15	23.00	339.00	3.00	6.00	2.22	2.00	7.00	14.00	22.00	2.29	0.16	9.00	1.84	1342.00
TL13310	59.5	61.0	1342216	2.00	4.37	21.00	577.00	2.00	31.00	2.22	2.00	6.00	25.00	144.00	2.07	0.08	13.00	1.84	1033.00
TL13310	59.5	61.0	1342215	2.00	3.41	27.00	447.00	2.00	17.00	1.97	5.00	6.00	21.00	103.00	2.04	0.01	10.00	1.70	955.00
TL13310	61.0	62.5	1342217	0.50	4.40	7.00	248.00	1.00	28.00	0.81	2.00	4.00	21.00	40.00	1.23	0.23	14.00	1.46	590.00
TL13310	70.0	71.5	1342218	0.50	3.14	16.00	112.00	2.00	22.00	0.71	2.00	3.00	16.00	6.00	1.19	0.43	6.00	1.13	556.00
TL13310	71.5	72.5	1342219	2.00	4.34	6.00	223.00	2.00	10.00	1.62	8.00	5.00	15.00	63.00	1.83	0.53	15.00	1.76	852.00
TL13310	72.5	74.0	1342221	0.50	4.58	13.00	211.00	2.00	21.00	0.92	2.00	4.00	11.00	9.00	1.21	0.73	15.00	1.29	432.00
TL13310	82.0	83.5	1342222	0.50	3.95	2.00	427.00	2.00	23.00	1.26	2.00	4.00	16.00	19.00	1.36	0.01	11.00	1.82	614.00
TL13310	83.5	84.5	1342223	4.00	5.49	26.00	253.00	2.00	20.00	1.27	9.00	6.00	21.00	52.00	1.79	0.01	17.00	2.03	741.00
TL13310	84.5	85.5	1342224	0.50	5.12	4.00	300.00	2.00	21.00	0.14	2.00	4.00	17.00	7.00	1.31	0.01	16.00	1.63	492.00
TL13310	85.5	86.5	1342225	0.50	4.88	14.00	289.00	2.00	28.00	0.11	2.00	6.00	15.00	10.00	1.36	0.01	15.00	1.84	455.00
TL13310	86.5	87.7	1342226	0.50	3.25	23.00	188.00	2.00	6.00	0.01	2.00	4.00	30.00	24.00	1.43	0.01	11.00	1.56	419.00
TL13310	87.7	89.2	1342227	0.50	2.50	14.00	216.00	2.00	14.00	0.01	2.00	4.00	21.00	19.00	1.25	0.02	8.00	1.03	416.00
TL13310	89.2	90.2	1342228	2.00	3.76	36.00	128.00	2.00	8.00	0.04	2.00	4.00	22.00	27.00	1.81	0.31	13.00	1.34	397.00
TL13310	90.2	91.2	1342229	8.00	3.64	31.00	121.00	1.00	20.00	0.01	10.00	4.00	17.00	38.00	1.59	0.36	9.00	1.05	228.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13310	9.0	10.5	1342189	0.50	31.00	392.00	17.00	0.69	2.50	6.00	5.00	89.00	1376.00	1.00	26.00	5.00	5.00	91.00
TL13310	10.5	12.0	1342191	0.50	43.00	429.00	15.00	0.65	8.00	2.50	5.00	125.00	1739.00	1.00	35.00	5.00	7.00	37.00
TL13310	12.0	13.5	1342192	0.50	66.00	315.00	13.00	0.41	2.50	11.00	5.00	73.00	1208.00	1.00	24.00	5.00	4.00	32.00
TL13310	13.5	15.0	1342193	0.50	59.00	350.00	12.00	0.47	2.50	14.00	5.00	89.00	1131.00	1.00	25.00	5.00	5.00	26.00
TL13310	15.0	16.0	1342194	0.50	62.00	331.00	13.00	0.45	5.00	5.00	5.00	72.00	1127.00	1.00	25.00	5.00	4.00	16.00
TL13310	16.0	17.0	1342195	0.50	47.00	270.00	516.00	1.17	25.00	17.00	5.00	63.00	1018.00	1.00	20.00	24.00	4.00	1160.00
TL13310	16.0	17.0	1342196	3.00	96.00	280.00	781.00	1.25	30.00	6.00	5.00	63.00	1067.00	1.00	22.00	27.00	5.00	1292.00
TL13310	17.0	18.0	1342197	0.50	75.00	311.00	278.00	1.28	6.00	6.00	5.00	63.00	1185.00	1.00	23.00	17.00	5.00	909.00
TL13310	18.0	19.0	1342198	0.50	68.00	329.00	37.00	0.80	6.00	14.00	5.00	95.00	1360.00	1.00	24.00	5.00	5.00	67.00
TL13310	19.0	20.0	1342199	0.50	84.00	340.00	38.00	1.05	6.00	8.00	5.00	88.00	1378.00	1.00	25.00	5.00	6.00	104.00
TL13310	20.0	21.5	1342201	0.50	55.00	343.00	38.00	0.87	5.00	9.00	5.00	96.00	1379.00	1.00	26.00	10.00	6.00	79.00
TL13310	43.8	45.3	1342202	0.50	50.00	300.00	21.00	0.38	2.50	7.00	5.00	96.00	1047.00	3.00	21.00	5.00	4.00	48.00
TL13310	45.3	46.8	1342203	0.50	44.00	318.00	11.00	1.26	2.50	8.00	5.00	62.00	1221.00	1.00	22.00	5.00	5.00	37.00
TL13310	46.8	48.0	1342204	0.50	42.00	292.00	10.00	1.10	6.00	5.00	5.00	89.00	1148.00	1.00	21.00	5.00	5.00	51.00
TL13310	48.0	49.0	1342205	0.50	50.00	296.00	13.00	1.53	6.00	15.00	5.00	135.00	1082.00	4.00	25.00	10.00	6.00	38.00
TL13310	49.0	50.0	1342206	0.50	45.00	320.00	11.00	1.34	6.00	8.00	5.00	126.00	1266.00	1.00	23.00	5.00	6.00	36.00
TL13310	50.0	51.0	1342207	0.50	49.00	346.00	37.00	1.33	2.50	6.00	5.00	111.00	1275.00	1.00	24.00	5.00	6.00	86.00
TL13310	51.0	52.0	1342208	0.50	76.00	503.00	958.00	1.93	2.50	6.00	5.00	183.00	1814.00	1.00	45.00	10.00	8.00	219.00
TL13310	52.0	53.5	1342209	0.50	64.00	447.00	35.00	0.92	2.50	7.00	5.00	153.00	2081.00	1.00	58.00	5.00	11.00	76.00
TL13310	53.5	55.0	1342211	0.50	96.00	500.00	18.00	1.01	2.50	9.00	5.00	133.00	2568.00	1.00	87.00	5.00	14.00	81.00
TL13310	55.0	56.5	1342212	0.50	61.00	427.00	472.00	1.71	2.50	6.00	5.00	149.00	1724.00	1.00	46.00	70.00	9.00	3977.00
TL13310	56.5	58.0	1342213	0.50	51.00	458.00	4091.00	1.60	2.50	8.00	5.00	130.00	1493.00	1.00	31.00	29.00	6.00	1730.00
TL13310	58.0	59.5	1342214	0.50	37.00	504.00	112.00	1.53	5.00	7.00	5.00	125.00	1698.00	1.00	34.00	5.00	8.00	191.00
TL13310	59.5	61.0	1342216	0.50	55.00	409.00	365.00	1.32	2.50	8.00	5.00	117.00	1496.00	1.00	30.00	17.00	6.00	664.00
TL13310	59.5	61.0	1342215	0.50	47.00	408.00	591.00	1.32	2.50	9.00	5.00	107.00	1439.00	1.00	28.00	26.00	6.00	1176.00
TL13310	61.0	62.5	1342217	0.50	48.00	280.00	107.00	0.72	2.50	17.00	5.00	113.00	1297.00	1.00	23.00	13.00	5.00	331.00
TL13310	70.0	71.5	1342218	0.50	37.00	273.00	34.00	0.84	6.00	5.00	5.00	97.00	1114.00	1.00	18.00	5.00	4.00	128.00
TL13310	71.5	72.5	1342219	0.50	41.00	286.00	1092.00	1.32	5.00	5.00	5.00	108.00	1354.00	1.00	23.00	46.00	5.00	2342.00
TL13310	72.5	74.0	1342221	0.50	33.00	284.00	16.00	0.86	2.50	9.00	5.00	129.00	1316.00	3.00	21.00	5.00	5.00	45.00
TL13310	82.0	83.5	1342222	0.50	41.00	273.00	53.00	0.65	2.50	2.50	5.00	126.00	1219.00	1.00	21.00	5.00	5.00	115.00
TL13310	83.5	84.5	1342223	0.50	51.00	335.00	1013.00	1.17	8.00	10.00	5.00	128.00	1418.00	1.00	25.00	47.00	6.00	2718.00
TL13310	84.5	85.5	1342224	0.50	41.00	312.00	63.00	0.73	2.50	2.50	5.00	98.00	1473.00	1.00	24.00	5.00	5.00	88.00
TL13310	85.5	86.5	1342225	0.50	36.00	312.00	37.00	0.75	2.50	2.50	5.00	106.00	1412.00	4.00	24.00	5.00	5.00	59.00
TL13310	86.5	87.7	1342226	0.50	65.00	267.00	42.00	0.77	2.50	7.00	5.00	98.00	1083.00	1.00	19.00	5.00	5.00	136.00
TL13310	87.7	89.2	1342227	0.50	53.00	250.00	85.00	0.84	2.50	8.00	5.00	84.00	1092.00	1.00	20.00	10.00	4.00	427.00
TL13310	89.2	90.2	1342228	0.50	52.00	373.00	143.00	1.65	5.00	5.00	5.00	73.00	1144.00	1.00	21.00	12.00	6.00	337.00
TL13310	90.2	91.2	1342229	0.50	48.00	382.00	733.00	1.53	9.00	8.00	5.00	66.00	1192.00	1.00	21.00	50.00	5.00	2971.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13310	91.2	92.4	1342231	2.00	3.25	44.00	37.00	2.00	23.00	0.09	2.00	15.00	91.00	78.00	2.49	0.22	10.00	1.25	357.00
TL13310	92.4	93.5	1342232	2.00	2.66	50.00	0.50	3.00	27.00	0.01	2.00	17.00	122.00	66.00	3.32	0.23	7.00	1.32	453.00
TL13310	93.5	95.0	1342233	1.00	4.73	44.00	0.50	1.00	24.00	0.01	2.00	18.00	111.00	37.00	3.34	0.18	19.00	1.96	547.00
TL13310	95.0	96.5	1342234	1.00	6.18	60.00	23.00	2.00	20.00	0.39	2.00	18.00	141.00	28.00	3.32	0.09	19.00	1.37	339.00
TL13310	96.5	98.0	1342235	2.00	4.24	35.00	0.50	2.00	24.00	0.01	2.00	15.00	118.00	27.00	3.21	0.03	16.00	1.56	427.00
TL13310	96.5	98.0	1342236	1.00	4.45	39.00	1.00	1.00	38.00	0.01	2.00	17.00	106.00	25.00	3.06	0.04	17.00	1.49	400.00
TL13310	98.0	99.0	1342237	1.00	3.34	31.00	2.00	2.00	24.00	0.01	2.00	13.00	119.00	19.00	2.17	0.10	8.00	0.94	283.00
TL13310	99.0	100.0	1342238	2.00	4.77	52.00	0.50	2.00	16.00	0.06	2.00	17.00	110.00	18.00	2.91	0.11	19.00	1.83	365.00
TL13310	100.0	100.5	1342239	35.00	3.94	97.00	0.50	2.00	20.00	0.01	20.00	12.00	74.00	312.00	3.57	0.32	19.00	1.81	376.00
TL13310	100.5	102.0	1342241	0.50	4.09	16.00	18.00	1.00	10.00	0.59	2.00	6.00	12.00	4.00	1.59	0.23	17.00	2.08	387.00
TL13310	102.0	103.5	1342242	0.50	3.93	28.00	11.00	2.00	9.00	0.33	2.00	6.00	11.00	14.00	1.72	0.31	18.00	1.99	373.00
TL13310	103.5	105.0	1342243	0.50	3.15	33.00	23.00	5.00	16.00	0.34	2.00	7.00	20.00	4.00	1.85	0.65	13.00	2.23	398.00
TL13310	105.0	106.5	1342244	0.50	5.11	17.00	181.00	1.00	17.00	0.28	2.00	6.00	14.00	7.00	1.48	0.12	12.00	1.33	322.00
TL13310	106.5	108.0	1342245	5.00	5.45	26.00	219.00	2.00	20.00	0.01	5.00	8.00	27.00	14.00	1.33	0.25	10.00	0.72	177.00
TL13310	108.0	109.5	1342246	2.00	5.22	29.00	207.00	3.00	11.00	0.61	2.00	5.00	21.00	7.00	1.25	0.20	9.00	1.12	316.00
TL13310	109.5	111.0	1342247	3.00	4.61	31.00	189.00	2.00	17.00	0.35	2.00	5.00	12.00	11.00	1.23	0.02	10.00	0.85	271.00
TL13310	111.0	112.5	1342248	3.00	9.90	34.00	537.00	3.00	7.00	1.98	2.00	6.00	26.00	10.00	1.38	1.29	37.00	1.30	647.00
TL13310	112.5	114.0	1342249	1.00	4.08	29.00	187.00	2.00	14.00	0.48	2.00	7.00	22.00	20.00	1.23	0.25	16.00	0.91	478.00
TL13310	114.0	115.5	1342251	1.00	3.23	40.00	30.00	1.00	16.00	0.07	2.00	9.00	61.00	48.00	1.91	0.26	9.00	1.09	376.00
TL13310	115.5	117.0	1342252	1.00	4.35	167.00	41.00	2.00	17.00	0.01	2.00	21.00	112.00	52.00	3.25	0.29	14.00	1.48	472.00
TL13310	117.0	118.5	1342253	4.00	4.21	32.00	35.00	2.00	22.00	0.05	4.00	23.00	111.00	80.00	3.18	0.26	9.00	1.04	481.00
TL13310	118.5	120.0	1342254	1.00	4.08	36.00	3.00	3.00	8.00	0.25	5.00	26.00	123.00	72.00	3.41	0.37	10.00	0.98	487.00
TL13310	120.0	121.5	1342255	2.00	4.18	99.00	46.00	2.00	24.00	0.30	4.00	16.00	79.00	60.00	2.65	0.19	10.00	0.82	418.00
TL13310	120.0	121.5	1342256	1.00	3.94	103.00	39.00	2.00	16.00	0.04	2.00	16.00	72.00	50.00	2.56	0.16	11.00	0.72	342.00
TL13310	121.5	123.0	1342257	1.00	4.28	52.00	170.00	2.00	16.00	0.71	2.00	7.00	11.00	37.00	1.55	0.30	11.00	1.02	511.00
TL13310	123.0	124.0	1342258	5.00	3.04	55.00	132.00	2.00	10.00	0.06	12.00	6.00	7.00	133.00	1.72	0.39	9.00	0.74	436.00
TL13310	124.0	125.0	1342259	1.00	3.47	50.00	68.00	3.00	27.00	0.20	2.00	5.00	10.00	20.00	1.81	0.01	9.00	0.93	334.00
TL13310	125.0	126.0	1342261	1.00	4.34	15.00	139.00	2.00	21.00	1.16	2.00	7.00	10.00	14.00	1.35	0.12	10.00	1.37	650.00
TL13310	126.0	127.0	1342262	3.00	4.34	49.00	110.00	1.00	12.00	0.44	2.00	9.00	13.00	225.00	2.47	0.17	11.00	0.90	436.00
TL13310	127.0	128.5	1342263	1.00	4.47	40.00	101.00	2.00	12.00	0.80	2.00	8.00	11.00	38.00	1.79	0.21	10.00	1.03	570.00
TL13310	128.5	130.0	1342264	0.50	4.87	36.00	152.00	3.00	25.00	1.41	2.00	7.00	11.00	27.00	1.61	0.19	12.00	1.33	677.00
TL13310	130.0	131.5	1342265	0.50	4.40	18.00	167.00	2.00	25.00	1.52	4.00	7.00	12.00	26.00	1.62	0.21	12.00	1.28	532.00
TL13310	131.5	133.0	1342266	0.50	4.40	16.00	207.00	2.00	19.00	1.33	2.00	7.00	10.00	15.00	1.54	0.29	17.00	1.13	500.00
TL13310	133.0	134.5	1342267	0.50	3.56	13.00	229.00	2.00	26.00	1.33	2.00	8.00	11.00	14.00	1.65	0.25	12.00	1.07	544.00
TL13310	134.5	136.0	1342268	1.00	4.09	16.00	216.00	2.00	17.00	1.37	2.00	7.00	9.00	53.00	1.65	0.32	11.00	1.07	577.00
TL13310	136.0	137.5	1342269	0.50	2.88	10.00	148.00	1.00	22.00	1.10	2.00	7.00	5.00	11.00	1.44	0.26	5.00	0.95	389.00
TL13310	137.5	139.0	1342271	0.50	4.59	3.00	279.00	2.00	8.00	1.26	2.00	5.00	11.00	17.00	1.66	0.30	13.00	1.05	505.00
TL13310	139.0	140.5	1342272	0.50	4.25	9.00	278.00	2.00	10.00	2.34	2.00	13.00	96.00	17.00	2.20	0.36	15.00	1.88	608.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13310	91.2	92.4	1342231	0.50	78.00	443.00	330.00	1.72	2.50	8.00	5.00	72.00	1409.00	1.00	55.00	16.00	10.00	508.00
TL13310	92.4	93.5	1342232	0.50	105.00	484.00	405.00	2.17	2.50	2.50	5.00	60.00	1335.00	1.00	57.00	5.00	9.00	444.00
TL13310	93.5	95.0	1342233	0.50	78.00	477.00	99.00	1.66	6.00	2.50	5.00	63.00	1731.00	1.00	74.00	5.00	10.00	130.00
TL13310	95.0	96.5	1342234	0.50	102.00	499.00	85.00	2.48	5.00	2.50	5.00	71.00	1192.00	5.00	80.00	5.00	11.00	88.00
TL13310	96.5	98.0	1342235	0.50	93.00	441.00	83.00	1.87	2.50	9.00	5.00	56.00	1373.00	1.00	65.00	5.00	9.00	224.00
TL13310	96.5	98.0	1342236	0.50	72.00	428.00	80.00	1.92	5.00	2.50	5.00	56.00	1331.00	1.00	66.00	5.00	10.00	176.00
TL13310	98.0	99.0	1342237	0.50	102.00	394.00	78.00	1.31	2.50	6.00	5.00	50.00	1025.00	1.00	54.00	5.00	9.00	82.00
TL13310	99.0	100.0	1342238	0.50	78.00	470.00	134.00	1.85	2.50	6.00	5.00	61.00	1334.00	1.00	65.00	5.00	10.00	282.00
TL13310	100.0	100.5	1342239	0.50	78.00	336.00	2108.00	3.01	25.00	2.50	5.00	56.00	1223.00	1.00	53.00	94.00	8.00	7324.00
TL13310	100.5	102.0	1342241	0.50	32.00	411.00	74.00	0.78	2.50	7.00	5.00	75.00	1064.00	1.00	30.00	12.00	5.00	208.00
TL13310	102.0	103.5	1342242	0.50	30.00	418.00	50.00	1.04	2.50	2.50	5.00	66.00	1018.00	1.00	28.00	5.00	5.00	146.00
TL13310	103.5	105.0	1342243	0.50	47.00	412.00	49.00	0.77	5.00	2.50	5.00	64.00	1117.00	1.00	30.00	5.00	4.00	78.00
TL13310	105.0	106.5	1342244	0.50	35.00	452.00	51.00	1.08	6.00	16.00	5.00	69.00	1263.00	1.00	31.00	5.00	7.00	69.00
TL13310	106.5	108.0	1342245	0.50	55.00	439.00	538.00	1.35	5.00	7.00	5.00	66.00	1433.00	1.00	32.00	29.00	7.00	1377.00
TL13310	108.0	109.5	1342246	0.50	53.00	299.00	58.00	1.09	2.50	16.00	5.00	80.00	1306.00	1.00	23.00	14.00	6.00	265.00
TL13310	109.5	111.0	1342247	0.50	31.00	288.00	54.00	1.32	7.00	11.00	5.00	65.00	1330.00	1.00	21.00	5.00	5.00	81.00
TL13310	111.0	112.5	1342248	31.00	32.00	221.00	22.00	1.68	5.00	2.50	5.00	77.00	1527.00	23.00	24.00	5.00	5.00	59.00
TL13310	112.5	114.0	1342249	0.50	40.00	298.00	20.00	1.13	5.00	12.00	5.00	68.00	1273.00	1.00	23.00	5.00	5.00	197.00
TL13310	114.0	115.5	1342251	0.50	68.00	352.00	46.00	1.38	2.50	12.00	5.00	65.00	1337.00	1.00	37.00	10.00	8.00	242.00
TL13310	115.5	117.0	1342252	0.50	79.00	444.00	31.00	1.03	2.50	19.00	5.00	65.00	2176.00	1.00	76.00	5.00	11.00	165.00
TL13310	117.0	118.5	1342253	0.50	81.00	426.00	263.00	1.81	7.00	5.00	5.00	67.00	1797.00	1.00	79.00	14.00	12.00	528.00
TL13310	118.5	120.0	1342254	0.50	90.00	455.00	69.00	1.79	5.00	6.00	5.00	70.00	2189.00	1.00	84.00	18.00	15.00	584.00
TL13310	120.0	121.5	1342255	0.50	61.00	420.00	109.00	2.26	5.00	13.00	5.00	66.00	2085.00	1.00	64.00	14.00	12.00	564.00
TL13310	120.0	121.5	1342256	0.50	62.00	400.00	48.00	2.29	5.00	12.00	5.00	61.00	2023.00	1.00	63.00	16.00	12.00	302.00
TL13310	121.5	123.0	1342257	0.50	28.00	402.00	78.00	1.27	8.00	11.00	5.00	79.00	1517.00	1.00	32.00	13.00	6.00	399.00
TL13310	123.0	124.0	1342258	0.50	28.00	352.00	774.00	1.86	13.00	7.00	5.00	62.00	1302.00	1.00	27.00	64.00	5.00	3588.00
TL13310	124.0	125.0	1342259	0.50	28.00	380.00	154.00	1.60	2.50	2.50	5.00	66.00	1369.00	1.00	27.00	11.00	6.00	277.00
TL13310	125.0	126.0	1342261	0.50	26.00	441.00	57.00	0.69	2.50	5.00	5.00	86.00	1383.00	1.00	29.00	15.00	6.00	595.00
TL13310	126.0	127.0	1342262	0.50	35.00	418.00	329.00	2.37	2.50	10.00	5.00	69.00	1528.00	1.00	30.00	42.00	7.00	529.00
TL13310	127.0	128.5	1342263	0.50	32.00	428.00	105.00	1.37	6.00	2.50	5.00	73.00	1490.00	1.00	29.00	5.00	7.00	115.00
TL13310	128.5	130.0	1342264	0.50	31.00	454.00	45.00	0.87	2.50	9.00	5.00	92.00	1548.00	1.00	30.00	11.00	7.00	192.00
TL13310	130.0	131.5	1342265	0.50	28.00	419.00	35.00	0.66	2.50	9.00	5.00	97.00	1438.00	1.00	30.00	40.00	6.00	640.00
TL13310	131.5	133.0	1342266	0.50	30.00	438.00	20.00	0.81	2.50	6.00	5.00	114.00	1530.00	1.00	28.00	11.00	6.00	204.00
TL13310	133.0	134.5	1342267	0.50	29.00	425.00	33.00	0.72	2.50	6.00	5.00	135.00	1455.00	1.00	28.00	5.00	5.00	117.00
TL13310	134.5	136.0	1342268	0.50	28.00	456.00	288.00	0.82	6.00	7.00	5.00	135.00	1459.00	1.00	29.00	5.00	6.00	272.00
TL13310	136.0	137.5	1342269	0.50	26.00	411.00	56.00	0.62	2.50	6.00	5.00	123.00	1490.00	1.00	25.00	5.00	5.00	124.00
TL13310	137.5	139.0	1342271	0.50	26.00	451.00	58.00	0.73	5.00	10.00	5.00	152.00	1462.00	1.00	33.00	5.00	7.00	162.00
TL13310	139.0	140.5	1342272	0.50	77.00	1204.00	47.00	0.70	2.50	8.00	5.00	224.00	1945.00	1.00	47.00	5.00	12.00	76.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13310	140.5	142.0	1342273	1.00	4.12	10.00	134.00	2.00	15.00	3.64	2.00	18.00	332.00	3.00	2.72	0.20	18.00	2.99	645.00
TL13310	142.0	143.0	1342274	0.50	2.85	14.00	97.00	2.00	19.00	0.69	2.00	8.00	9.00	2.00	1.43	0.13	14.00	1.05	522.00
TL13310	143.0	144.0	1342276	0.50	4.44	24.00	104.00	3.00	24.00	1.07	2.00	8.00	10.00	8.00	1.48	0.33	15.00	1.11	519.00
TL13310	143.0	144.0	1342275	0.50	4.17	20.00	83.00	1.00	13.00	1.07	2.00	7.00	9.00	5.00	1.46	0.28	15.00	1.15	540.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13310	140.5	142.0	1342273	0.50	135.00	1733.00	15.00	0.72	2.50	5.00	5.00	235.00	2415.00	1.00	65.00	5.00	15.00	41.00
TL13310	142.0	143.0	1342274	0.50	28.00	412.00	20.00	0.82	2.50	11.00	5.00	126.00	1463.00	1.00	28.00	5.00	6.00	63.00
TL13310	143.0	144.0	1342276	0.50	29.00	441.00	44.00	0.89	2.50	13.00	5.00	142.00	1537.00	1.00	30.00	14.00	6.00	418.00
TL13310	143.0	144.0	1342275	0.50	28.00	461.00	42.00	0.78	2.50	7.00	5.00	136.00	1536.00	1.00	30.00	5.00	6.00	89.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13310	6.9	15.1	8.1	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13310	6.9	15.1	8.1	PY	DISS	0.1	Trace to 1% disseminated py
TL13310	15.1	19.9	4.9	PY	DISS	0.1	Trace disseminated pyrite
TL13310	15.1	19.9	4.9	PY	ST	1	1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13310	15.1	19.9	4.9	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13310	15.1	19.9	4.9	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy
TL13310	15.1	19.9	4.9	CP	BLB	0.1	Trace cpy blebs found in and along qtz veins and w/ gal and sph
TL13310	19.9	45.4	25.5	PY	DISS	1	1% disseminated py throughout the interval
TL13310	19.9	45.4	25.5	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13310	19.9	45.4	25.5	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13310	42.0	45.4	3.4	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13310	45.4	52.1	6.7	PY	DISS	1	1% disseminated py throughout the interval
TL13310	45.4	52.1	6.7	PY	ST	0.1	Trace py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13310	45.4	52.1	6.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13310	51.0	51.2	0.2	PB	BLB	0.1	Trace gal blebs found in py stringer
TL13310	51.0	51.2	0.2	AU	BLB	0.1	Trace Au in possible 2mm wide speck of VG found within py stringer w/ gal in area thats heavily altered w/ chl found @ 51.11m depth
TL13310	52.1	87.7	35.7	PY	DISS	1	1% disseminated py throughout the interval
TL13310	52.1	87.7	35.7	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13310	52.1	87.7	35.7	SPH	ST	1	1% sph in 1-6mm wide stringers mainly along margins of qtz-amph veins w/ gal
TL13310	52.1	87.7	35.7	PB	BLB	0.1	Trace gal blebs associated w/ sph and cpy in qtz-amph veins
TL13310	52.1	87.7	35.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13310	87.7	92.4	4.7	PY	DISS	1	1% disseminated py throughout the interval
TL13310	87.7	92.4	4.7	PY	ST	0.1	Trace to 1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13310	87.7	92.4	4.7	SPH	ST	0.1	Trace sph in 1-6mm wide stringers oriented semi-parallel to foliation
TL13310	87.7	92.4	4.7	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers
TL13310	92.4	104.8	12.4	PB	BLB	0.1	Trace gal blebs found in smokey grey qtz vein in silicified, sericitized patch w/ sph and cpy
TL13310	92.4	104.8	12.4	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation and along margins of qtz veins
TL13310	92.4	104.8	12.4	CP	BLB	0.1	Trace cpy blebs in and along margins of qtz veins
TL13310	92.4	104.8	12.4	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13310	92.4	104.8	12.4	PY	DISS	1	1% disseminated py throughout the interval
TL13310	100.3	100.4	0.1	AU	BLB	0.1	Trace possible VG speck on margin of smokey grey qtz vein in silicified, sericitized patch found w/ gal, sph and cpy @100.33
TL13310	104.8	127.1	22.2	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13310	104.8	127.1	22.2	PY	ST	1	1% py in 1-7mm wide stringers oriented semi-parallel to foliation

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13310	104.8	127.1	22.2	PY	DISS	1	1% disseminated py throughout the interval
TL13310	104.8	127.1	22.2	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13310	104.8	127.1	22.2	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13310	127.1	144.0	17.0	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-amph veins
TL13310	127.1	144.0	17.0	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13310	127.1	144.0	17.0	PY	ST	1	% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13310	127.1	144.0	17.0	PY	DISS	1	1% disseminated py

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13310	6.9	15.1	8.1	FOL	Very Strong	45	V. strong foliation at 45 deg TCA
TL13310	15.1	19.9	4.9	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13310	19.9	45.4	25.5	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13310	19.9	45.4	25.5	FR	Very Weak	30	V. weak shallow fracture set cross cutting foliation at 30 deg TCA
TL13310	19.9	45.4	25.5	FOL	Strong	55	Strong foliation at 55 deg TCA w/ some minor deflections at 50 deg and 60 deg around qtz veins
TL13310	45.4	46.5	1.1	FR	Strong	55	Strongly fractured oriented along foliation at 55 deg TCA
TL13310	45.4	47.1	1.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13310	47.1	52.1	4.9	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13310	52.1	60.5	8.5	FOL	Moderate	50	Moderate foliation at 50 deg TCA
TL13310	52.1	87.7	35.7	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13310	52.1	87.7	35.7	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13310	60.5	73.6	13.1	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13310	73.6	79.0	5.4	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13310	79.0	87.7	8.7	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13310	87.7	92.4	4.7	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13310	92.4	104.8	12.4	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13310	92.4	104.8	12.4	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13310	104.8	127.1	22.2	FR	Very Weak	20	V. weak shallow fracture set cross cutting foliation at 20 deg TCA
TL13310	104.8	127.1	22.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13310	114.8	114.8	0.1	Fold	Weak	55	Weak F2 folding oriented at 55 deg TCA
TL13310	115.9	115.9	0.1	Fold	Very Weak	50	V. weak F2 folding oriented at 50 deg TCA
TL13310	127.1	144.0	17.0	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13310	127.1	144.0	17.0	FOL	Strong	60	Strong foliation at 60 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13310	6.9	15.1	8.1	SI	Patchy	Strong	Strong patchy sil alt
TL13310	6.9	15.1	8.1	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13310	15.1	19.9	4.9	SI	Patchy	Strong	Strong patchy sil alt
TL13310	15.1	19.9	4.9	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13310	19.9	45.4	25.5	SI	Patchy	Strong	Strong patchy sil alt
TL13310	19.9	45.4	25.5	SR	Patchy	Weak	Weak patchy ser alt, 35% ser to 65% bio
TL13310	45.4	47.0	1.6	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13310	45.4	52.1	6.7	SI	Patchy	Strong	Strong patchy sil alt
TL13310	45.4	52.1	6.7	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL13310	51.0	52.1	1.1	CH	Patchy	Weak	Weak patchy chl alt
TL13310	52.1	84.0	32.0	SI	Patchy	Strong	Strong patchy sil alt
TL13310	52.1	87.7	35.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13310	84.0	87.7	3.7	SI	Patchy	Weak	Weak patchy sil alt
TL13310	87.7	92.4	4.7	SI	Patchy	Weak	Weak patchy silicification
TL13310	87.7	92.4	4.7	SR	Patchy	Strong	Strong patchy ser alt, 65% ser to 35% bio
TL13310	92.4	104.8	12.4	SI	Patchy	Weak	Weak patchy sil alt
TL13310	92.4	104.8	12.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13310	104.8	115.9	11.1	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13310	104.8	127.1	22.2	SI	Patchy	Moderate	Moderate patchy sil alt throughout the interval
TL13310	115.9	120.2	4.3	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13310	120.2	127.1	6.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13310	127.1	134.5	7.5	SI	Patchy	Strong	Strong patchy silicification
TL13310	127.1	144.0	17.0	SR	Patchy	Very Weak	V. weak patchy ser, 15% ser to 85% bio
TL13310	134.5	144.0	9.5	SI	Pervasive	Very Strong	V. strong pervasive silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13310	9	12	3	2.97	2.89	99	96.33	8	
TL13310	12	15	3	2.95	2.69	98.33	89.67	10	
TL13310	15	18	3	3.04	3.15	101.33	105	23	
TL13310	18	21	3	2.93	1.95	97.67	65	26	
TL13310	21	24	3	2.97	2.61	99	87	19	
TL13310	24	27	3	2.98	2.7	99.33	90	9	
TL13310	27	30	3	3.01	2.06	100.33	68.67	18	
TL13310	30	33	3	2.98	2.43	99.33	81	12	
TL13310	33	36	3	2.98	2.88	99.33	96	6	
TL13310	36	39	3	2.96	2.31	98.67	77	19	
TL13310	39	42	3	2.99	1.99	99.67	66.33	19	
TL13310	42	45	3	2.97	1.75	99	58.33	22	
TL13310	45	48	3	2.97	1.16	99	38.67	36	
TL13310	48	51	3	2.96	2.3	98.67	76.67	21	
TL13310	51	54	3	2.99	2.6	99.67	86.67	14	
TL13310	54	57	3	3.03	2.48	101	82.67	17	
TL13310	57	60	3	3.07	2.62	102.33	87.33	12	
TL13310	60	63	3	2.91	2.7	97	90	10	
TL13310	63	66	3	2.92	1.81	97.33	60.33	18	
TL13310	66	69	3	3.06	2.83	102	94.33	11	
TL13310	69	72	3	2.92	2.85	97.33	95	7	
TL13310	72	75	3	2.96	2.75	98.67	91.67	11	
TL13310	75	78	3	2.9	2.68	96.67	89.33	10	
TL13310	78	81	3	2.94	2.28	98	76	18	
TL13310	81	84	3	3.03	2.54	101	84.67	20	
TL13310	84	87	3	2.94	1.71	98	57	24	
TL13310	87	90	3	2.84	1.73	94.67	57.67	23	
TL13310	90	93	3	3.03	2.1	101	70	21	
TL13310	93	96	3	2.98	2.71	99.33	90.33	9	
TL13310	96	99	3	2.92	1.97	97.33	65.67	31	
TL13310	99	102	3	2.91	2.52	97	84	16	
TL13310	102	105	3	3.01	2.64	100.33	88	22	
TL13310	105	108	3	2.94	2.23	98	74.33	29	
TL13310	108	111	3	3	2.78	100	92.67	10	
TL13310	111	114	3	2.84	2.1	94.67	70	15	
TL13310	114	117	3	3.1	2.13	103.33	71	26	
TL13310	117	120	3	2.83	2.18	94.33	72.67	18	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13310	120	123	3	3.06	2.82	102	94	12	
TL13310	123	126	3	2.96	2.23	98.67	74.33	17	
TL13310	126	129	3	3	3	100	100	6	
TL13310	129	132	3	2.98	2.75	99.33	91.67	9	
TL13310	132	135	3	2.97	2.05	99	68.33	6	
TL13310	135	138	3	2.97	2.82	99	94	8	
TL13310	138	141	3	2.99	2.53	99.67	84.33	9	
TL13310	141	144	3	3.02	2.74	100.67	91.33	8	

DETAILED LOG

Hole Number: TL13311

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1	
10.50	97.27	BMS, Biotite Muscovite Schist BMS unit with overall moderate sericite alteration but strong to v. strong silicification. 2-3% py with local increases. In v. strong silicified areas there is usually an increase in mineralization Most notably from 52.30-53.80 which has several sph stringers and gn blebs, also a qz vein with gn and VG blebs within.	1342277	12.00	13.50	1.50	0.03					
			1342278	13.50	15.00	1.50	0.01					
			1342279	15.00	16.50	1.50	0.01					
			1342281	16.50	18.00	1.50	0.04					
			1342282	18.00	19.50	1.50	0.17					
			1342283	19.50	21.00	1.50	0.15					
			1342284	21.00	22.00	1.00	0.03					
			1342285	22.00	23.00	1.00	0.11					
			1342286	23.00	24.00	1.00	0.04					
			1342287	24.00	25.50	1.50	0.25					
			1342288	25.50	27.00	1.50	0.08					
			1342289	27.00	28.00	1.00	0.13					
			1342291	28.00	29.00	1.00	0.08					
			1342292	29.00	30.00	1.00	0.17					
			1342293	30.00	31.50	1.50	0.06					
			1342294	31.50	33.00	1.50	0.05					
			1342295	33.00	34.50	1.50	0.11					
			1342296	33.00	34.50	1.50	0.19					
			1342297	34.50	36.00	1.50	0.09					
			1342298	36.00	37.00	1.00	0.09					
			1342299	37.00	38.50	1.50	0.02					
			1342301	38.50	40.00	1.50	0.07					
			1342302	40.00	41.50	1.50	0.00					
			1342303	41.50	43.00	1.50	0.01					
			1342304	43.00	44.50	1.50	0.08					
			1342305	44.50	46.00	1.50	0.07					
			1342306	46.00	47.50	1.50	0.17					
			1342307	47.50	49.00	1.50	0.04					
			1342308	49.00	50.50	1.50	0.10					
			1342309	50.50	51.50	1.00	0.09					
			1342311	51.50	52.25	0.75	0.09					
			1342312	52.25	53.25	1.00	14.57				13.19	
			1342313	53.25	54.25	1.00	0.12					
			1342314	54.25	55.25	1.00	0.06					
			1342315	55.25	57.00	1.75	0.21					
			1342316	55.25	57.00	1.75	0.31					
			1342317	57.00	58.50	1.50	0.15					
			1342318	58.50	60.00	1.50	0.23					
			1342319	60.00	61.65	1.65	0.08					
			1342321	61.65	63.00	1.35	0.14					
			1342322	63.00	64.50	1.50	0.12					
			1342323	64.50	66.00	1.50	0.03					
			1342324	66.00	67.50	1.50	0.03					

DETAILED LOG

Hole Number: TL13311

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
			1342325	67.50	69.00	1.50	0.01				
			1342326	69.00	70.50	1.50	0.05				
			1342327	70.50	72.00	1.50	0.05				
			1342328	72.00	73.50	1.50	0.05				
			1342329	73.50	75.00	1.50	0.05				
			1342331	75.00	76.50	1.50	0.13				
			1342332	76.50	78.00	1.50	0.02				
			1342333	78.00	79.50	1.50	0.17				
			1342334	79.50	81.00	1.50	0.02				
			1342336	81.00	82.50	1.50	0.03				
			1342335	81.00	82.50	1.50	0.03				
			1342337	82.50	84.00	1.50	0.10				
			1342338	84.00	85.50	1.50	0.04				
			1342339	85.50	87.00	1.50	0.02				
			1342341	87.00	88.50	1.50	0.01				
			1342342	88.50	90.00	1.50	0.01				
			1342343	90.00	91.50	1.50	0.10				
			1342344	91.50	93.00	1.50	0.01				
			1342345	93.00	94.50	1.50	0.01				
			1342346	94.50	96.00	1.50	0.00				
			1342347	96.00	97.25	1.25	0.01				
			1342348	97.25	98.25	1.00	0.95				
97.27	103.27	MSS, Muscovite Sericite Schist Small patch of stronger sr alteration. still has strong silicification and has patches of weak to moderate sr 3-4% py, 1% sph, trace gn	1342349	98.25	99.25	1.00	0.07				
			1342351	99.25	100.25	1.00	0.02				
			1342352	100.25	101.25	1.00	0.01				
			1342353	101.25	102.25	1.00	0.04				
			1342354	102.25	103.25	1.00	0.06				
			1342355	103.25	105.00	1.75	0.02				
			1342356	103.25	105.00	1.75	0.03				
103.27	116.00	BMS, Biotite Muscovite Schist	1342357	105.00	106.50	1.50	0.03				
			1342358	106.50	108.00	1.50	0.02				
			1342359	108.00	109.50	1.50	0.06				
			1342361	109.50	111.00	1.50	0.01				
			1342362	111.00	112.50	1.50	0.03				
			1342363	112.50	114.00	1.50	0.02				
			1342364	114.00	115.00	1.00	0.08				
			1342365	115.00	116.00	1.00	0.01				
116.00	120.98	MSS, Muscovite Sericite Schist Patch of moderate sericite and strong silicification. More common sph stringers 2-3% py, 1-2% sph, trace cpy/gn	1342366	116.00	117.50	1.50	0.02				
			1342367	117.50	118.50	1.00	0.00				
			1342368	118.50	119.50	1.00	0.14				
			1342369	119.50	120.50	1.00	0.04				
			1342371	120.50	122.00	1.50	0.03				

DETAILED LOG

Hole Number: TL13311

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
120.98	136.37	BMS, Biotite Muscovite Schist BMS with weak sr and moderate to strong si until 129.75. From there til the end of the unit there is very weak sr/si At this point the py increases and there is several condensed sph stringers near bottom contact	1342372	122.00	123.50	1.50	0.05				
			1342373	123.50	125.00	1.50	0.05				
			1342374	125.00	126.00	1.00	0.05				
			1342375	126.00	127.00	1.00	0.12				
			1342376	126.00	127.00	1.00	0.19				
			1342377	127.00	128.50	1.50	0.04				
			1342378	128.50	129.75	1.25	0.04				
			1342379	129.75	131.00	1.25	0.15				
			1342381	131.00	132.00	1.00	0.16				
			1342382	132.00	133.00	1.00	0.16				
			1342383	133.00	134.40	1.40	0.47				
			1342384	134.40	135.40	1.00	1.28				
			1342385	135.40	136.40	1.00	2.15				
136.37	137.83	MSS, Muscovite Sericite Schist Small MSS patch surrounded by dark BMS. Common deformed qz veins that are associated with increased py/sph/gn mineralization	1342386	136.40	137.40	1.00	0.85				
			1342387	137.40	138.40	1.00	0.13				
137.83	153.80	BMS, Biotite Muscovite Schist Intensely sheared BS/BMS with abundant qz/plag/and porphyroblasts. Some patches of increased sr where there is an increase in py/sph mineralization	1342388	138.40	139.50	1.10	0.16				
			1342389	139.50	141.00	1.50	0.59				
			1342391	141.00	142.50	1.50	0.15				
			1342392	142.50	144.00	1.50	0.09				
			1342393	144.00	145.00	1.00	0.35				
			1342394	145.00	146.00	1.00	0.36				
			1342395	146.00	147.00	1.00	0.83				
			1342396	146.00	147.00	1.00	1.27				
			1342397	147.00	148.50	1.50	0.16				
			1342398	148.50	150.00	1.50	0.23				
			1342399	150.00	151.00	1.00	0.07				
			1342401	151.00	152.00	1.00	0.04				
			1342402	152.00	153.00	1.00	0.09				
			1342403	153.00	153.80	0.80	0.04				
153.80	157.20	MSS, Muscovite Sericite Schist Darker looking MSS patch with moderate sr alt. Increased py/sph/gn mineralization in stronger sr patches	1342404	153.80	154.80	1.00	0.10				
			1342405	154.80	155.80	1.00	0.34				
			1342406	155.80	156.80	1.00	0.31				
			1342407	156.80	157.80	1.00	0.22				
157.20	160.23	BMS, Biotite Muscovite Schist	1342408	157.80	159.00	1.20	0.01				
			1342409	159.00	160.00	1.00	0.74				
			1342411	160.00	161.00	1.00	0.52				

Hole Number: TL13311

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
160.23	168.00	MSS, Muscovite Sericite Schist Strong sr alt with moderate silicification. Increased mineralization near and within deformed qz veins. Common condensed py/sph stringers with gn/cpy blebs	1342412	161.00	162.00	1.00	0.67				
			1342413	162.00	163.00	1.00	1.07				
			1342414	163.00	164.00	1.00	0.26				
			1342415	164.00	165.00	1.00	0.24				
			1342416	164.00	165.00	1.00	0.25				
			1342417	165.00	166.00	1.00	0.09				
			1342418	166.00	167.00	1.00	0.32				
			1342419	167.00	168.00	1.00	0.61				
168.00	192.00	BMS, Biotite Muscovite Schist Typical striped BMS which becomes massive/MSED at EOH 190m. Patches of increased py throughout, then from 183-190m there are patches of strong sr that contain common sph stringers with gn blebs.	1342421	168.00	169.50	1.50	0.10				
			1342422	169.50	171.00	1.50	0.05				
			1342423	171.00	172.50	1.50	0.03				
			1342424	172.50	174.00	1.50	0.04				
			1342425	174.00	175.50	1.50	0.02				
			1342426	175.50	177.00	1.50	0.11				
			1342427	177.00	178.50	1.50	0.12				
			1342428	178.50	180.00	1.50	0.04				
			1342429	180.00	181.50	1.50	0.02				
			1342431	181.50	182.50	1.00	0.15				
			1342432	182.50	183.50	1.00	0.14				
			1342433	183.50	185.00	1.50	0.21				
			1342434	185.00	186.00	1.00	0.10				
			1342435	186.00	187.00	1.00	0.07				
			1342436	186.00	187.00	1.00	0.04				
			1342437	187.00	188.00	1.00	0.18				
1342438	188.00	189.00	1.00	0.16							
1342439	189.00	190.00	1.00	0.20							
1342441	190.00	191.00	1.00	0.01							
1342442	191.00	192.00	1.00	0.01							

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342277	12.00	13.50	0.0280				
1342278	13.50	15.00	0.0070				
1342279	15.00	16.50	0.0070				
1342281	16.50	18.00	0.0420				
1342282	18.00	19.50	0.1740				
1342283	19.50	21.00	0.1510				
1342284	21.00	22.00	0.0330				
1342285	22.00	23.00	0.1050				
1342286	23.00	24.00	0.0430				
1342287	24.00	25.50	0.2480				

Hole Number: TL13311

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342288	25.50	27.00	0.0780				
1342289	27.00	28.00	0.1310				
1342291	28.00	29.00	0.0840				
1342292	29.00	30.00	0.1650				
1342293	30.00	31.50	0.0550				
1342294	31.50	33.00	0.0460				
1342295	33.00	34.50	0.1070				
1342297	34.50	36.00	0.0850				
1342298	36.00	37.00	0.0930				
1342299	37.00	38.50	0.0230				
1342301	38.50	40.00	0.0740				
1342302	40.00	41.50	0.0030				
1342303	41.50	43.00	0.0120				
1342304	43.00	44.50	0.0840				
1342305	44.50	46.00	0.0680				
1342306	46.00	47.50	0.1720				
1342307	47.50	49.00	0.0380				
1342308	49.00	50.50	0.0980				
1342309	50.50	51.50	0.0920				
1342311	51.50	52.25	0.0860				
1342312	52.25	53.25	14.5650			13.1850	
1342313	53.25	54.25	0.1230				
1342314	54.25	55.25	0.0580				
1342315	55.25	57.00	0.2110				
1342317	57.00	58.50	0.1490				
1342318	58.50	60.00	0.2340				
1342319	60.00	61.65	0.0790				
1342321	61.65	63.00	0.1410				
1342322	63.00	64.50	0.1220				
1342323	64.50	66.00	0.0270				
1342324	66.00	67.50	0.0330				
1342325	67.50	69.00	0.0080				
1342326	69.00	70.50	0.0500				
1342327	70.50	72.00	0.0450				
1342328	72.00	73.50	0.0510				
1342329	73.50	75.00	0.0470				
1342331	75.00	76.50	0.1250				
1342332	76.50	78.00	0.0240				
1342333	78.00	79.50	0.1680				

Hole Number: TL13311

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342334	79.50	81.00	0.0200				
1342335	81.00	82.50	0.0340				
1342337	82.50	84.00	0.1000				
1342338	84.00	85.50	0.0370				
1342339	85.50	87.00	0.0180				
1342341	87.00	88.50	0.0080				
1342342	88.50	90.00	0.0050				
1342343	90.00	91.50	0.0970				
1342344	91.50	93.00	0.0050				
1342345	93.00	94.50	0.0110				
1342346	94.50	96.00	0.0040				
1342347	96.00	97.25	0.0070				
1342348	97.25	98.25	0.9490				
1342349	98.25	99.25	0.0680				
1342351	99.25	100.25	0.0230				
1342352	100.25	101.25	0.0110				
1342353	101.25	102.25	0.0430				
1342354	102.25	103.25	0.0640				
1342355	103.25	105.00	0.0200				
1342357	105.00	106.50	0.0260				
1342358	106.50	108.00	0.0200				
1342359	108.00	109.50	0.0560				
1342361	109.50	111.00	0.0080				
1342362	111.00	112.50	0.0340				
1342363	112.50	114.00	0.0190				
1342364	114.00	115.00	0.0780				
1342365	115.00	116.00	0.0110				
1342366	116.00	117.50	0.0210				
1342367	117.50	118.50	0.0005				
1342368	118.50	119.50	0.1440				
1342369	119.50	120.50	0.0370				
1342371	120.50	122.00	0.0280				
1342372	122.00	123.50	0.0530				
1342373	123.50	125.00	0.0540				
1342374	125.00	126.00	0.0470				
1342375	126.00	127.00	0.1200				
1342377	127.00	128.50	0.0390				
1342378	128.50	129.75	0.0430				
1342379	129.75	131.00	0.1510				

Hole Number: TL13311

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342381	131.00	132.00	0.1570				
1342382	132.00	133.00	0.1640				
1342383	133.00	134.40	0.4710				
1342384	134.40	135.40	1.2760				
1342385	135.40	136.40	2.1480				
1342386	136.40	137.40	0.8450				
1342387	137.40	138.40	0.1260				
1342388	138.40	139.50	0.1550				
1342389	139.50	141.00	0.5860				
1342391	141.00	142.50	0.1480				
1342392	142.50	144.00	0.0870				
1342393	144.00	145.00	0.3540				
1342394	145.00	146.00	0.3580				
1342395	146.00	147.00	0.8280				
1342397	147.00	148.50	0.1600				
1342398	148.50	150.00	0.2300				
1342399	150.00	151.00	0.0720				
1342401	151.00	152.00	0.0420				
1342402	152.00	153.00	0.0940				
1342403	153.00	153.80	0.0420				
1342404	153.80	154.80	0.0990				
1342405	154.80	155.80	0.3390				
1342406	155.80	156.80	0.3130				
1342407	156.80	157.80	0.2170				
1342408	157.80	159.00	0.0130				
1342409	159.00	160.00	0.7440				
1342411	160.00	161.00	0.5160				
1342412	161.00	162.00	0.6710				
1342413	162.00	163.00	1.0680				
1342414	163.00	164.00	0.2580				
1342415	164.00	165.00	0.2360				
1342417	165.00	166.00	0.0860				
1342418	166.00	167.00	0.3150				
1342419	167.00	168.00	0.6060				
1342421	168.00	169.50	0.1020				
1342422	169.50	171.00	0.0450				
1342423	171.00	172.50	0.0320				
1342424	172.50	174.00	0.0400				
1342425	174.00	175.50	0.0220				

Hole Number: TL13311

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342426	175.50	177.00	0.1100				
1342427	177.00	178.50	0.1240				
1342428	178.50	180.00	0.0430				
1342429	180.00	181.50	0.0190				
1342431	181.50	182.50	0.1480				
1342432	182.50	183.50	0.1410				
1342433	183.50	185.00	0.2140				
1342434	185.00	186.00	0.0990				
1342435	186.00	187.00	0.0730				
1342437	187.00	188.00	0.1750				
1342438	188.00	189.00	0.1570				
1342439	189.00	190.00	0.2020				
1342441	190.00	191.00	0.0070				
1342442	191.00	192.00	0.0080				
Sample Type	CDUP						
1342296	33.00	34.50	0.1850				
1342316	55.25	57.00	0.3090				
1342336	81.00	82.50	0.0290				
1342356	103.25	105.00	0.0300				
1342376	126.00	127.00	0.1860				
1342396	146.00	147.00	1.2720				
1342416	164.00	165.00	0.2510				
1342436	186.00	187.00	0.0400				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13311	12.0	13.5	1342277	2.00	4.73	23.00	403.00	2.00	7.00	0.86	2.00	5.00	7.00	6.00	0.88	0.47	12.00	0.79	435.00
TL13311	13.5	15.0	1342278	1.00	3.13	1.00	376.00	2.00	23.00	0.88	2.00	4.00	14.00	11.00	1.11	0.25	5.00	0.90	368.00
TL13311	15.0	16.5	1342279	1.00	3.57	6.00	434.00	2.00	16.00	1.15	2.00	5.00	18.00	23.00	1.42	0.29	7.00	0.86	504.00
TL13311	16.5	18.0	1342281	1.00	2.83	22.00	588.00	2.00	9.00	0.89	2.00	5.00	19.00	10.00	1.46	0.22	4.00	0.77	503.00
TL13311	18.0	19.5	1342282	1.00	3.76	22.00	345.00	2.00	16.00	0.78	2.00	5.00	16.00	14.00	1.25	0.15	9.00	0.78	620.00
TL13311	19.5	21.0	1342283	2.00	3.85	26.00	299.00	2.00	23.00	0.88	2.00	6.00	15.00	17.00	1.49	0.20	8.00	0.75	580.00
TL13311	21.0	22.0	1342284	2.00	4.60	15.00	386.00	1.00	7.00	1.19	2.00	5.00	24.00	22.00	1.37	0.10	9.00	0.82	626.00
TL13311	22.0	23.0	1342285	4.00	3.19	21.00	327.00	2.00	10.00	0.28	2.00	3.00	45.00	42.00	1.25	0.40	6.00	0.43	314.00
TL13311	23.0	24.0	1342286	1.00	3.07	11.00	282.00	1.00	8.00	0.38	2.00	5.00	30.00	9.00	1.33	0.34	7.00	0.62	558.00
TL13311	24.0	25.5	1342287	2.00	4.43	25.00	579.00	2.00	23.00	0.54	2.00	3.00	18.00	23.00	1.19	0.62	10.00	0.60	395.00
TL13311	25.5	27.0	1342288	1.00	4.10	17.00	285.00	2.00	8.00	0.23	2.00	5.00	25.00	57.00	1.06	0.57	7.00	0.58	442.00
TL13311	27.0	28.0	1342289	1.00	2.39	26.00	259.00	1.00	19.00	0.07	2.00	10.00	9.00	47.00	0.93	0.40	6.00	0.51	381.00
TL13311	28.0	29.0	1342291	1.00	1.17	9.00	140.00	2.00	12.00	0.05	2.00	5.00	41.00	25.00	0.85	0.47	2.00	0.44	341.00
TL13311	29.0	30.0	1342292	2.00	2.62	22.00	247.00	1.00	19.00	0.27	2.00	6.00	21.00	27.00	1.15	0.21	6.00	0.60	429.00
TL13311	30.0	31.5	1342293	1.00	3.68	26.00	359.00	2.00	17.00	0.39	2.00	6.00	17.00	11.00	1.08	0.01	9.00	0.56	435.00
TL13311	31.5	33.0	1342294	2.00	3.90	36.00	329.00	1.00	12.00	0.20	2.00	24.00	16.00	16.00	1.16	0.30	10.00	0.45	348.00
TL13311	33.0	34.5	1342295	2.00	1.61	20.00	161.00	2.00	16.00	0.01	2.00	20.00	20.00	25.00	1.28	0.06	2.00	0.49	445.00
TL13311	33.0	34.5	1342296	2.00	3.41	32.00	226.00	2.00	18.00	0.17	2.00	19.00	30.00	29.00	1.28	0.23	6.00	0.49	432.00
TL13311	34.5	36.0	1342297	2.00	3.02	23.00	222.00	1.00	19.00	0.18	2.00	17.00	24.00	9.00	1.34	0.32	6.00	0.49	405.00
TL13311	36.0	37.0	1342298	2.00	3.24	22.00	352.00	1.00	7.00	0.03	2.00	14.00	22.00	12.00	1.12	0.20	12.00	0.52	394.00
TL13311	37.0	38.5	1342299	2.00	2.91	4.00	232.00	1.00	3.00	0.40	2.00	8.00	22.00	9.00	1.45	0.40	9.00	0.66	612.00
TL13311	38.5	40.0	1342301	1.00	3.33	11.00	234.00	1.00	10.00	0.42	2.00	6.00	25.00	9.00	1.24	0.31	10.00	0.55	397.00
TL13311	40.0	41.5	1342302	1.00	3.06	8.00	219.00	2.00	19.00	0.41	2.00	4.00	15.00	2.00	1.05	0.35	9.00	0.53	271.00
TL13311	41.5	43.0	1342303	1.00	1.15	1.00	154.00	1.00	23.00	0.06	2.00	6.00	16.00	10.00	1.55	0.21	5.00	0.53	321.00
TL13311	43.0	44.5	1342304	2.00	3.02	4.00	232.00	1.00	13.00	0.47	2.00	13.00	13.00	15.00	1.61	0.09	10.00	0.61	459.00
TL13311	44.5	46.0	1342305	2.00	4.34	13.00	270.00	2.00	26.00	0.33	2.00	6.00	13.00	18.00	1.06	0.26	11.00	0.47	375.00
TL13311	46.0	47.5	1342306	2.00	4.76	15.00	301.00	3.00	9.00	0.35	2.00	9.00	11.00	18.00	0.88	0.16	12.00	0.50	376.00
TL13311	47.5	49.0	1342307	2.00	3.01	19.00	180.00	1.00	15.00	0.34	2.00	11.00	16.00	17.00	1.12	0.31	7.00	0.69	685.00
TL13311	49.0	50.5	1342308	1.00	0.99	9.00	18.00	2.00	15.00	0.12	2.00	2.00	2.00	9.00	0.69	0.22	1.00	0.47	401.00
TL13311	50.5	51.5	1342309	2.00	3.41	14.00	139.00	2.00	5.00	0.30	2.00	4.00	20.00	14.00	1.40	0.18	11.00	0.93	746.00
TL13311	51.5	52.3	1342311	1.00	3.30	10.00	196.00	2.00	26.00	0.44	2.00	3.00	11.00	7.00	0.86	0.30	8.00	0.75	570.00
TL13311	52.3	53.3	1342312	585.00	2.99	150.00	199.00	2.00	11.00	0.39	2.00	5.00	37.00	182.00	1.41	0.29	8.00	0.63	423.00
TL13311	53.3	54.3	1342313	10.00	4.04	24.00	206.00	2.00	29.00	0.38	2.00	7.00	22.00	15.00	2.19	0.31	11.00	0.62	383.00
TL13311	54.3	55.3	1342314	3.00	4.04	34.00	202.00	2.00	18.00	0.48	2.00	21.00	18.00	9.00	1.85	0.36	8.00	0.72	514.00
TL13311	55.3	57.0	1342316	2.00	3.82	27.00	203.00	1.00	8.00	0.49	2.00	10.00	26.00	27.00	1.58	0.30	12.00	0.92	643.00
TL13311	55.3	57.0	1342315	2.00	3.58	21.00	162.00	1.00	21.00	0.52	2.00	8.00	19.00	21.00	1.30	0.29	10.00	0.86	609.00
TL13311	57.0	58.5	1342317	2.00	3.53	18.00	179.00	2.00	5.00	0.64	2.00	5.00	18.00	17.00	1.09	0.39	8.00	0.74	561.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13311	12.0	13.5	1342277	0.50	27.00	519.00	28.00	0.64	7.00	11.00	5.00	127.00	1598.00	1.00	28.00	5.00	5.00	89.00
TL13311	13.5	15.0	1342278	0.50	41.00	553.00	13.00	0.46	5.00	6.00	5.00	96.00	1474.00	1.00	27.00	5.00	5.00	32.00
TL13311	15.0	16.5	1342279	0.50	48.00	563.00	34.00	0.57	9.00	12.00	5.00	117.00	1509.00	1.00	26.00	5.00	5.00	55.00
TL13311	16.5	18.0	1342281	0.50	48.00	488.00	40.00	0.83	5.00	12.00	5.00	101.00	1308.00	1.00	23.00	5.00	4.00	52.00
TL13311	18.0	19.5	1342282	0.50	41.00	492.00	37.00	0.90	2.50	10.00	5.00	87.00	1464.00	1.00	25.00	5.00	5.00	74.00
TL13311	19.5	21.0	1342283	0.50	36.00	423.00	52.00	1.06	2.50	6.00	5.00	87.00	1433.00	1.00	24.00	5.00	4.00	123.00
TL13311	21.0	22.0	1342284	0.50	53.00	436.00	120.00	0.86	2.50	10.00	5.00	106.00	1482.00	1.00	24.00	16.00	4.00	525.00
TL13311	22.0	23.0	1342285	0.50	64.00	306.00	1070.00	1.08	2.50	8.00	5.00	79.00	1174.00	1.00	21.00	22.00	4.00	1142.00
TL13311	23.0	24.0	1342286	0.50	62.00	419.00	65.00	0.81	2.50	9.00	5.00	86.00	1453.00	1.00	25.00	5.00	4.00	117.00
TL13311	24.0	25.5	1342287	0.50	39.00	403.00	93.00	1.02	2.50	6.00	5.00	97.00	1467.00	1.00	25.00	5.00	4.00	235.00
TL13311	25.5	27.0	1342288	0.50	42.00	380.00	24.00	0.79	2.50	18.00	5.00	75.00	1300.00	1.00	26.00	5.00	4.00	53.00
TL13311	27.0	28.0	1342289	0.50	37.00	377.00	42.00	0.83	5.00	6.00	5.00	76.00	1212.00	1.00	22.00	5.00	3.00	213.00
TL13311	28.0	29.0	1342291	0.50	74.00	312.00	67.00	0.59	2.50	8.00	5.00	72.00	873.00	1.00	18.00	17.00	3.00	776.00
TL13311	29.0	30.0	1342292	0.50	54.00	451.00	212.00	1.00	2.50	13.00	5.00	92.00	1135.00	1.00	22.00	5.00	4.00	346.00
TL13311	30.0	31.5	1342293	0.50	45.00	471.00	37.00	1.00	5.00	2.50	5.00	100.00	1325.00	1.00	27.00	5.00	4.00	49.00
TL13311	31.5	33.0	1342294	0.50	68.00	484.00	38.00	1.11	2.50	5.00	5.00	107.00	1398.00	1.00	28.00	5.00	4.00	69.00
TL13311	33.0	34.5	1342295	0.50	74.00	393.00	102.00	1.04	6.00	2.50	5.00	85.00	1097.00	1.00	25.00	5.00	3.00	345.00
TL13311	33.0	34.5	1342296	0.50	84.00	426.00	53.00	1.07	2.50	8.00	5.00	112.00	1162.00	1.00	26.00	5.00	4.00	179.00
TL13311	34.5	36.0	1342297	0.50	72.00	408.00	32.00	1.21	2.50	11.00	5.00	106.00	1145.00	1.00	26.00	5.00	4.00	86.00
TL13311	36.0	37.0	1342298	0.50	55.00	493.00	29.00	0.84	2.50	2.50	5.00	89.00	1600.00	1.00	32.00	5.00	4.00	76.00
TL13311	37.0	38.5	1342299	0.50	44.00	390.00	14.00	0.60	2.50	9.00	5.00	103.00	1463.00	1.00	28.00	5.00	5.00	44.00
TL13311	38.5	40.0	1342301	0.50	44.00	386.00	17.00	0.68	2.50	2.50	5.00	113.00	1483.00	1.00	30.00	5.00	5.00	31.00
TL13311	40.0	41.5	1342302	0.50	25.00	367.00	6.00	0.69	5.00	6.00	5.00	109.00	1229.00	1.00	29.00	5.00	4.00	21.00
TL13311	41.5	43.0	1342303	0.50	30.00	360.00	9.00	0.41	2.50	6.00	5.00	88.00	1325.00	1.00	30.00	5.00	4.00	37.00
TL13311	43.0	44.5	1342304	0.50	30.00	349.00	14.00	0.80	2.50	8.00	5.00	109.00	1305.00	1.00	31.00	5.00	5.00	41.00
TL13311	44.5	46.0	1342305	0.50	22.00	407.00	40.00	0.87	5.00	6.00	5.00	122.00	1418.00	1.00	32.00	5.00	5.00	60.00
TL13311	46.0	47.5	1342306	0.50	25.00	424.00	45.00	0.83	2.50	5.00	5.00	131.00	1485.00	1.00	31.00	5.00	4.00	78.00
TL13311	47.5	49.0	1342307	0.50	32.00	392.00	26.00	0.81	2.50	10.00	5.00	108.00	1208.00	1.00	33.00	5.00	5.00	90.00
TL13311	49.0	50.5	1342308	0.50	17.00	194.00	16.00	0.51	2.50	11.00	5.00	83.00	596.00	1.00	15.00	5.00	3.00	70.00
TL13311	50.5	51.5	1342309	0.50	38.00	327.00	31.00	0.58	2.50	5.00	5.00	110.00	1126.00	1.00	32.00	5.00	4.00	88.00
TL13311	51.5	52.3	1342311	0.50	25.00	331.00	23.00	0.60	5.00	5.00	5.00	110.00	1238.00	1.00	27.00	5.00	4.00	37.00
TL13311	52.3	53.3	1342312	0.50	43.00	285.00	1316.00	1.49	105.00	2.50	5.00	103.00	1173.00	1.00	33.00	14.00	4.00	875.00
TL13311	53.3	54.3	1342313	0.50	37.00	324.00	74.00	2.26	6.00	2.50	5.00	103.00	1383.00	1.00	34.00	5.00	4.00	79.00
TL13311	54.3	55.3	1342314	0.50	49.00	368.00	35.00	1.73	2.50	2.50	5.00	109.00	1472.00	1.00	37.00	5.00	4.00	174.00
TL13311	55.3	57.0	1342316	0.50	40.00	377.00	61.00	1.20	5.00	12.00	5.00	103.00	1426.00	1.00	36.00	10.00	5.00	101.00
TL13311	55.3	57.0	1342315	0.50	35.00	357.00	61.00	0.96	2.50	5.00	5.00	103.00	1295.00	1.00	33.00	5.00	5.00	194.00
TL13311	57.0	58.5	1342317	0.50	28.00	335.00	64.00	0.78	5.00	2.50	5.00	98.00	1439.00	1.00	32.00	5.00	4.00	38.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13311	58.5	60.0	1342318	1.00	2.91	11.00	185.00	1.00	18.00	0.33	2.00	2.00	16.00	16.00	0.74	0.32	6.00	0.61	434.00
TL13311	60.0	61.7	1342319	1.00	2.71	4.00	179.00	1.00	12.00	0.34	2.00	2.00	29.00	8.00	0.66	0.01	6.00	0.46	285.00
TL13311	61.7	63.0	1342321	2.00	3.73	11.00	216.00	1.00	19.00	0.46	2.00	2.00	15.00	19.00	0.92	0.01	9.00	0.63	385.00
TL13311	63.0	64.5	1342322	2.00	4.57	17.00	252.00	1.00	18.00	0.80	2.00	4.00	26.00	16.00	1.25	0.14	11.00	0.75	454.00
TL13311	64.5	66.0	1342323	2.00	4.67	6.00	220.00	2.00	4.00	0.58	2.00	6.00	19.00	11.00	1.32	0.07	12.00	0.83	480.00
TL13311	66.0	67.5	1342324	2.00	4.14	6.00	195.00	1.00	20.00	0.69	2.00	6.00	24.00	11.00	1.48	0.28	11.00	0.92	570.00
TL13311	67.5	69.0	1342325	2.00	3.96	13.00	199.00	1.00	21.00	0.63	2.00	7.00	27.00	11.00	1.50	0.27	11.00	0.90	546.00
TL13311	69.0	70.5	1342326	3.00	4.18	8.00	198.00	1.00	25.00	0.93	2.00	5.00	19.00	9.00	1.35	0.47	11.00	0.98	521.00
TL13311	70.5	72.0	1342327	2.00	3.69	21.00	167.00	1.00	24.00	0.81	2.00	4.00	19.00	17.00	1.24	0.44	7.00	0.86	514.00
TL13311	72.0	73.5	1342328	2.00	3.87	6.00	195.00	2.00	17.00	0.87	2.00	3.00	17.00	18.00	1.17	0.58	7.00	0.73	571.00
TL13311	73.5	75.0	1342329	2.00	3.27	7.00	158.00	1.00	17.00	0.56	2.00	5.00	14.00	11.00	1.15	0.42	6.00	0.64	433.00
TL13311	75.0	76.5	1342331	2.00	3.49	11.00	190.00	1.00	26.00	0.88	2.00	4.00	13.00	6.00	1.24	0.01	7.00	0.75	438.00
TL13311	76.5	78.0	1342332	2.00	3.25	11.00	165.00	1.00	8.00	0.79	2.00	5.00	15.00	4.00	1.30	0.01	7.00	0.74	404.00
TL13311	78.0	79.5	1342333	2.00	4.13	20.00	161.00	2.00	22.00	0.75	2.00	6.00	27.00	10.00	1.31	0.01	8.00	0.69	368.00
TL13311	79.5	81.0	1342334	2.00	4.42	3.00	161.00	1.00	10.00	1.02	2.00	4.00	17.00	5.00	1.14	0.15	8.00	0.88	417.00
TL13311	81.0	82.5	1342336	1.00	4.17	12.00	162.00	2.00	18.00	0.65	2.00	4.00	7.00	3.00	0.90	0.60	7.00	0.87	427.00
TL13311	81.0	82.5	1342335	2.00	4.31	7.00	176.00	2.00	17.00	0.69	2.00	4.00	6.00	4.00	0.91	0.07	8.00	0.86	414.00
TL13311	82.5	84.0	1342337	2.00	4.18	11.00	140.00	1.00	31.00	0.51	2.00	4.00	8.00	3.00	1.10	0.37	7.00	1.28	534.00
TL13311	84.0	85.5	1342338	2.00	4.84	3.00	143.00	2.00	15.00	0.90	2.00	5.00	11.00	4.00	1.40	0.45	10.00	1.77	744.00
TL13311	85.5	87.0	1342339	2.00	4.37	3.00	144.00	2.00	17.00	0.55	2.00	3.00	13.00	2.00	1.32	0.58	8.00	1.43	572.00
TL13311	87.0	88.5	1342341	2.00	4.38	10.00	297.00	1.00	8.00	0.85	2.00	3.00	11.00	5.00	1.50	0.09	10.00	1.62	783.00
TL13311	88.5	90.0	1342342	2.00	5.24	19.00	188.00	2.00	19.00	1.38	2.00	4.00	17.00	4.00	1.30	0.20	10.00	1.08	874.00
TL13311	90.0	91.5	1342343	2.00	5.13	15.00	184.00	2.00	13.00	1.28	2.00	5.00	18.00	8.00	1.32	0.01	11.00	1.04	830.00
TL13311	91.5	93.0	1342344	1.00	4.03	9.00	112.00	1.00	24.00	1.23	2.00	4.00	18.00	5.00	1.59	0.01	8.00	1.12	1118.00
TL13311	93.0	94.5	1342345	1.00	4.01	13.00	110.00	2.00	6.00	1.43	2.00	3.00	16.00	2.00	1.26	0.01	7.00	1.15	950.00
TL13311	94.5	96.0	1342346	1.00	5.05	5.00	166.00	2.00	9.00	1.49	2.00	4.00	15.00	3.00	1.33	0.37	9.00	1.09	854.00
TL13311	96.0	97.3	1342347	1.00	4.26	20.00	153.00	2.00	16.00	1.80	2.00	4.00	17.00	7.00	1.58	0.34	6.00	1.28	974.00
TL13311	97.3	98.3	1342348	2.00	3.78	49.00	288.00	3.00	9.00	1.73	2.00	17.00	65.00	23.00	2.51	0.43	11.00	0.94	608.00
TL13311	98.3	99.3	1342349	2.00	4.14	29.00	424.00	2.00	9.00	0.72	2.00	9.00	35.00	23.00	1.68	0.28	11.00	0.81	361.00
TL13311	99.3	100.3	1342351	2.00	4.17	25.00	333.00	2.00	17.00	0.90	2.00	7.00	14.00	9.00	1.80	0.23	9.00	0.84	445.00
TL13311	100.3	101.3	1342352	2.00	6.08	21.00	481.00	2.00	10.00	1.18	2.00	7.00	12.00	9.00	1.91	0.12	13.00	0.84	494.00
TL13311	101.3	102.3	1342353	1.00	3.68	14.00	380.00	1.00	25.00	1.19	2.00	6.00	12.00	2.00	1.74	0.01	5.00	1.05	668.00
TL13311	102.3	103.3	1342354	2.00	4.31	24.00	370.00	1.00	24.00	1.22	2.00	8.00	14.00	28.00	2.09	0.02	9.00	0.98	564.00
TL13311	103.3	105.0	1342356	2.00	4.44	19.00	311.00	2.00	19.00	1.95	2.00	6.00	10.00	20.00	1.85	0.03	9.00	1.30	803.00
TL13311	103.3	105.0	1342355	2.00	4.76	16.00	336.00	1.00	15.00	2.05	2.00	6.00	12.00	19.00	1.82	0.05	10.00	1.27	789.00
TL13311	105.0	106.5	1342357	2.00	4.06	26.00	332.00	2.00	12.00	1.36	2.00	5.00	9.00	9.00	1.79	0.12	9.00	1.04	612.00
TL13311	106.5	108.0	1342358	3.00	4.53	8.00	557.00	2.00	27.00	2.50	2.00	5.00	10.00	46.00	1.88	0.31	5.00	1.55	1005.00
TL13311	108.0	109.5	1342359	1.00	4.58	35.00	379.00	3.00	19.00	1.96	2.00	6.00	11.00	5.00	2.08	0.31	8.00	1.25	739.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13311	58.5	60.0	1342318	0.50	33.00	299.00	19.00	0.53	5.00	9.00	5.00	83.00	1198.00	1.00	29.00	5.00	3.00	19.00
TL13311	60.0	61.7	1342319	0.50	41.00	255.00	13.00	0.54	2.50	8.00	5.00	79.00	1022.00	1.00	28.00	5.00	3.00	16.00
TL13311	61.7	63.0	1342321	0.50	30.00	336.00	17.00	0.64	2.50	8.00	5.00	91.00	1336.00	1.00	30.00	5.00	4.00	45.00
TL13311	63.0	64.5	1342322	0.50	42.00	338.00	21.00	0.83	2.50	7.00	5.00	106.00	1426.00	1.00	36.00	5.00	5.00	35.00
TL13311	64.5	66.0	1342323	0.50	32.00	379.00	21.00	0.72	2.50	6.00	5.00	107.00	1651.00	1.00	36.00	5.00	5.00	35.00
TL13311	66.0	67.5	1342324	0.50	37.00	359.00	25.00	0.72	2.50	8.00	5.00	113.00	1517.00	1.00	36.00	5.00	5.00	38.00
TL13311	67.5	69.0	1342325	0.50	42.00	373.00	18.00	0.65	5.00	2.50	5.00	107.00	1609.00	1.00	39.00	5.00	5.00	31.00
TL13311	69.0	70.5	1342326	0.50	35.00	385.00	20.00	0.63	2.50	6.00	5.00	118.00	1582.00	1.00	36.00	5.00	5.00	38.00
TL13311	70.5	72.0	1342327	0.50	45.00	326.00	26.00	0.77	2.50	10.00	5.00	108.00	1238.00	1.00	33.00	5.00	4.00	27.00
TL13311	72.0	73.5	1342328	0.50	33.00	340.00	20.00	0.62	2.50	2.50	5.00	107.00	1328.00	1.00	30.00	5.00	4.00	41.00
TL13311	73.5	75.0	1342329	0.50	36.00	336.00	15.00	0.53	2.50	18.00	5.00	91.00	1324.00	1.00	30.00	5.00	4.00	33.00
TL13311	75.0	76.5	1342331	0.50	32.00	323.00	19.00	0.56	2.50	6.00	5.00	100.00	1285.00	1.00	30.00	5.00	4.00	50.00
TL13311	76.5	78.0	1342332	0.50	32.00	344.00	11.00	0.52	5.00	5.00	5.00	96.00	1329.00	1.00	30.00	5.00	4.00	33.00
TL13311	78.0	79.5	1342333	0.50	45.00	345.00	30.00	0.83	5.00	6.00	5.00	101.00	1319.00	1.00	33.00	5.00	4.00	112.00
TL13311	79.5	81.0	1342334	0.50	37.00	329.00	17.00	0.50	6.00	2.50	5.00	103.00	1269.00	1.00	31.00	5.00	4.00	31.00
TL13311	81.0	82.5	1342336	0.50	24.00	320.00	15.00	0.51	2.50	7.00	5.00	80.00	1250.00	1.00	23.00	5.00	4.00	22.00
TL13311	81.0	82.5	1342335	0.50	21.00	335.00	17.00	0.55	2.50	7.00	5.00	83.00	1231.00	1.00	23.00	5.00	4.00	23.00
TL13311	82.5	84.0	1342337	0.50	24.00	325.00	23.00	0.57	2.50	2.50	5.00	82.00	1162.00	1.00	21.00	5.00	4.00	36.00
TL13311	84.0	85.5	1342338	0.50	29.00	339.00	23.00	0.56	2.50	10.00	5.00	95.00	1228.00	2.00	22.00	5.00	4.00	54.00
TL13311	85.5	87.0	1342339	0.50	31.00	344.00	16.00	0.47	2.50	8.00	5.00	83.00	1262.00	1.00	23.00	5.00	4.00	29.00
TL13311	87.0	88.5	1342341	0.50	27.00	340.00	9.00	0.58	5.00	10.00	5.00	84.00	1223.00	1.00	22.00	5.00	4.00	39.00
TL13311	88.5	90.0	1342342	0.50	31.00	365.00	12.00	0.76	2.50	6.00	5.00	94.00	1370.00	1.00	26.00	5.00	4.00	15.00
TL13311	90.0	91.5	1342343	0.50	25.00	355.00	14.00	0.76	5.00	12.00	5.00	91.00	1337.00	1.00	25.00	5.00	5.00	21.00
TL13311	91.5	93.0	1342344	0.50	32.00	325.00	11.00	0.70	2.50	10.00	5.00	83.00	1267.00	1.00	26.00	5.00	4.00	19.00
TL13311	93.0	94.5	1342345	0.50	31.00	303.00	15.00	0.49	2.50	7.00	5.00	88.00	1064.00	2.00	21.00	5.00	4.00	21.00
TL13311	94.5	96.0	1342346	0.50	34.00	340.00	13.00	0.62	2.50	10.00	5.00	94.00	1247.00	1.00	24.00	5.00	4.00	17.00
TL13311	96.0	97.3	1342347	0.50	38.00	313.00	19.00	0.98	5.00	11.00	5.00	104.00	1133.00	1.00	23.00	5.00	4.00	22.00
TL13311	97.3	98.3	1342348	0.50	65.00	400.00	21.00	2.45	5.00	18.00	5.00	81.00	1936.00	1.00	55.00	5.00	8.00	107.00
TL13311	98.3	99.3	1342349	0.50	49.00	495.00	42.00	1.29	2.50	2.50	5.00	114.00	1766.00	1.00	38.00	12.00	6.00	200.00
TL13311	99.3	100.3	1342351	0.50	38.00	482.00	34.00	1.59	2.50	2.50	5.00	131.00	1569.00	1.00	29.00	5.00	5.00	35.00
TL13311	100.3	101.3	1342352	0.50	31.00	510.00	28.00	1.79	2.50	7.00	5.00	156.00	1950.00	1.00	35.00	5.00	6.00	55.00
TL13311	101.3	102.3	1342353	0.50	38.00	466.00	93.00	1.46	5.00	7.00	5.00	113.00	1436.00	1.00	28.00	5.00	4.00	83.00
TL13311	102.3	103.3	1342354	0.50	41.00	468.00	296.00	1.59	2.50	8.00	5.00	100.00	1625.00	1.00	32.00	14.00	5.00	419.00
TL13311	103.3	105.0	1342356	0.50	30.00	468.00	104.00	0.96	2.50	12.00	5.00	98.00	1572.00	3.00	30.00	5.00	5.00	65.00
TL13311	103.3	105.0	1342355	0.50	31.00	457.00	52.00	0.99	2.50	2.50	5.00	101.00	1566.00	1.00	31.00	10.00	5.00	71.00
TL13311	105.0	106.5	1342357	0.50	29.00	466.00	27.00	1.16	2.50	10.00	5.00	88.00	1552.00	1.00	29.00	5.00	5.00	35.00
TL13311	106.5	108.0	1342358	0.50	28.00	463.00	587.00	1.13	2.50	6.00	5.00	110.00	1485.00	1.00	31.00	10.00	5.00	231.00
TL13311	108.0	109.5	1342359	0.50	28.00	468.00	32.00	1.49	2.50	2.50	5.00	100.00	1577.00	1.00	31.00	11.00	5.00	32.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13311	109.5	111.0	1342361	1.00	4.66	13.00	326.00	2.00	17.00	1.69	2.00	7.00	10.00	4.00	1.66	0.32	11.00	1.18	533.00
TL13311	111.0	112.5	1342362	2.00	4.11	20.00	290.00	2.00	17.00	1.13	2.00	17.00	97.00	48.00	2.81	0.43	13.00	1.41	682.00
TL13311	112.5	114.0	1342363	1.00	3.70	11.00	398.00	1.00	27.00	1.01	2.00	5.00	16.00	16.00	1.29	0.19	9.00	1.02	454.00
TL13311	114.0	115.0	1342364	1.00	4.08	5.00	493.00	1.00	2.00	0.96	2.00	5.00	13.00	5.00	1.17	0.11	10.00	0.91	346.00
TL13311	115.0	116.0	1342365	1.00	4.88	17.00	519.00	1.00	27.00	1.43	2.00	6.00	11.00	8.00	1.14	0.10	12.00	0.97	458.00
TL13311	116.0	117.5	1342366	2.00	5.66	43.00	442.00	3.00	17.00	3.13	5.00	6.00	16.00	19.00	1.94	0.16	14.00	1.63	986.00
TL13311	117.5	118.5	1342367	1.00	3.95	27.00	345.00	2.00	25.00	0.90	2.00	6.00	12.00	14.00	1.17	0.14	9.00	0.88	454.00
TL13311	118.5	119.5	1342368	2.00	4.05	42.00	357.00	2.00	27.00	1.19	2.00	5.00	9.00	15.00	1.57	0.17	7.00	0.90	409.00
TL13311	119.5	120.5	1342369	1.00	5.07	26.00	488.00	2.00	9.00	0.66	2.00	6.00	14.00	6.00	1.00	0.05	11.00	0.75	319.00
TL13311	120.5	122.0	1342371	2.00	4.81	18.00	447.00	2.00	31.00	1.24	2.00	6.00	17.00	7.00	1.16	0.04	9.00	0.93	421.00
TL13311	122.0	123.5	1342372	1.00	5.06	10.00	522.00	2.00	17.00	1.59	2.00	4.00	14.00	6.00	1.22	0.04	10.00	1.11	508.00
TL13311	123.5	125.0	1342373	1.00	4.21	16.00	420.00	2.00	18.00	1.34	2.00	5.00	16.00	17.00	1.17	0.01	10.00	1.04	513.00
TL13311	125.0	126.0	1342374	1.00	4.39	26.00	337.00	1.00	20.00	1.42	2.00	6.00	21.00	14.00	1.29	0.01	8.00	1.09	589.00
TL13311	126.0	127.0	1342376	5.00	4.20	23.00	323.00	2.00	15.00	1.65	5.00	5.00	23.00	9.00	1.42	0.01	11.00	1.21	564.00
TL13311	126.0	127.0	1342375	5.00	4.13	24.00	310.00	1.00	27.00	1.69	4.00	4.00	21.00	10.00	1.38	0.01	11.00	1.11	526.00
TL13311	127.0	128.5	1342377	2.00	4.59	12.00	397.00	1.00	17.00	1.87	2.00	7.00	16.00	6.00	1.59	0.01	9.00	1.41	679.00
TL13311	128.5	129.8	1342378	1.00	3.64	20.00	297.00	2.00	20.00	1.49	2.00	9.00	18.00	11.00	1.79	0.01	12.00	1.45	628.00
TL13311	129.8	131.0	1342379	2.00	2.83	21.00	208.00	2.00	20.00	0.19	5.00	23.00	119.00	52.00	3.87	0.01	17.00	2.19	710.00
TL13311	131.0	132.0	1342381	3.00	4.37	29.00	238.00	2.00	20.00	1.13	2.00	20.00	130.00	63.00	3.45	0.07	13.00	1.86	608.00
TL13311	132.0	133.0	1342382	2.00	3.67	30.00	243.00	3.00	22.00	0.34	2.00	15.00	98.00	31.00	2.81	0.01	16.00	1.78	510.00
TL13311	133.0	134.4	1342383	2.00	6.07	51.00	338.00	2.00	13.00	0.73	5.00	25.00	156.00	51.00	4.63	0.41	27.00	2.31	668.00
TL13311	134.4	135.4	1342384	2.00	4.69	56.00	261.00	2.00	21.00	0.45	12.00	23.00	122.00	66.00	3.75	0.01	19.00	1.71	463.00
TL13311	135.4	136.4	1342385	5.00	3.47	55.00	121.00	2.00	15.00	1.25	22.00	17.00	111.00	93.00	3.54	0.01	17.00	1.96	723.00
TL13311	136.4	137.4	1342386	4.00	3.55	51.00	275.00	2.00	26.00	0.03	8.00	9.00	62.00	54.00	1.79	0.01	10.00	0.36	116.00
TL13311	137.4	138.4	1342387	2.00	3.09	25.00	223.00	2.00	21.00	0.48	2.00	9.00	58.00	25.00	1.71	0.01	9.00	1.04	364.00
TL13311	138.4	139.5	1342388	2.00	4.15	41.00	177.00	2.00	9.00	0.61	2.00	20.00	126.00	43.00	3.25	0.01	16.00	1.71	618.00
TL13311	139.5	141.0	1342389	2.00	2.54	54.00	77.00	2.00	23.00	0.16	2.00	18.00	103.00	36.00	3.14	0.01	11.00	1.45	451.00
TL13311	141.0	142.5	1342391	2.00	3.42	58.00	121.00	2.00	29.00	0.18	2.00	18.00	108.00	18.00	3.61	0.22	30.00	2.23	538.00
TL13311	142.5	144.0	1342392	2.00	3.61	43.00	105.00	1.00	13.00	0.09	2.00	15.00	109.00	18.00	3.20	0.08	26.00	2.45	527.00
TL13311	144.0	145.0	1342393	2.00	2.68	70.00	165.00	2.00	4.00	0.01	2.00	13.00	97.00	36.00	2.69	0.02	11.00	0.83	216.00
TL13311	145.0	146.0	1342394	2.00	4.15	69.00	204.00	2.00	22.00	0.01	2.00	15.00	107.00	55.00	3.41	0.01	19.00	1.32	370.00
TL13311	146.0	147.0	1342396	3.00	3.80	79.00	113.00	3.00	11.00	0.12	7.00	18.00	115.00	35.00	3.59	0.01	21.00	1.63	416.00
TL13311	146.0	147.0	1342395	2.00	3.21	84.00	131.00	2.00	16.00	0.07	6.00	15.00	105.00	50.00	3.30	0.01	14.00	1.28	341.00
TL13311	147.0	148.5	1342397	3.00	4.47	64.00	246.00	2.00	17.00	0.79	2.00	17.00	91.00	22.00	3.26	0.01	23.00	2.02	526.00
TL13311	148.5	150.0	1342398	2.00	3.86	54.00	149.00	1.00	24.00	0.48	2.00	15.00	74.00	11.00	3.23	0.01	31.00	3.48	508.00
TL13311	150.0	151.0	1342399	2.00	3.11	10.00	167.00	2.00	22.00	0.30	2.00	17.00	98.00	31.00	3.11	0.01	18.00	1.86	495.00
TL13311	151.0	152.0	1342401	2.00	3.96	21.00	511.00	3.00	9.00	0.46	2.00	19.00	110.00	39.00	3.30	0.02	19.00	1.67	488.00
TL13311	152.0	153.0	1342402	2.00	4.00	26.00	228.00	2.00	21.00	0.43	2.00	12.00	79.00	23.00	2.29	0.01	13.00	1.35	390.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13311	109.5	111.0	1342361	0.50	29.00	482.00	19.00	0.91	2.50	2.50	5.00	106.00	1585.00	1.00	31.00	5.00	5.00	25.00
TL13311	111.0	112.5	1342362	0.50	68.00	408.00	25.00	1.39	5.00	5.00	5.00	105.00	2007.00	2.00	61.00	11.00	11.00	80.00
TL13311	112.5	114.0	1342363	0.50	33.00	285.00	33.00	0.68	5.00	12.00	5.00	103.00	1287.00	1.00	23.00	5.00	4.00	69.00
TL13311	114.0	115.0	1342364	0.50	32.00	295.00	14.00	0.57	5.00	6.00	5.00	114.00	1369.00	1.00	22.00	5.00	4.00	29.00
TL13311	115.0	116.0	1342365	0.50	28.00	301.00	21.00	0.64	2.50	11.00	5.00	119.00	1371.00	1.00	23.00	5.00	4.00	30.00
TL13311	116.0	117.5	1342366	0.50	27.00	310.00	83.00	1.79	2.50	9.00	5.00	137.00	1449.00	1.00	26.00	27.00	5.00	1294.00
TL13311	117.5	118.5	1342367	0.50	20.00	350.00	17.00	1.13	6.00	6.00	5.00	81.00	1357.00	1.00	24.00	5.00	4.00	103.00
TL13311	118.5	119.5	1342368	0.50	21.00	312.00	315.00	1.70	2.50	5.00	5.00	95.00	1208.00	1.00	21.00	15.00	4.00	648.00
TL13311	119.5	120.5	1342369	0.50	29.00	327.00	19.00	1.01	5.00	6.00	5.00	87.00	1479.00	1.00	24.00	5.00	4.00	40.00
TL13311	120.5	122.0	1342371	0.50	29.00	319.00	13.00	0.99	2.50	8.00	5.00	109.00	1426.00	1.00	24.00	5.00	4.00	73.00
TL13311	122.0	123.5	1342372	0.50	29.00	305.00	13.00	0.98	2.50	5.00	5.00	111.00	1336.00	1.00	22.00	5.00	4.00	29.00
TL13311	123.5	125.0	1342373	0.50	30.00	278.00	36.00	0.96	6.00	7.00	5.00	93.00	1272.00	1.00	22.00	5.00	4.00	179.00
TL13311	125.0	126.0	1342374	0.50	31.00	332.00	20.00	0.98	5.00	9.00	5.00	93.00	1352.00	1.00	24.00	5.00	4.00	68.00
TL13311	126.0	127.0	1342376	0.50	32.00	274.00	1246.00	1.36	5.00	2.50	5.00	104.00	1181.00	1.00	21.00	29.00	4.00	1471.00
TL13311	126.0	127.0	1342375	0.50	35.00	279.00	1088.00	1.32	2.50	11.00	5.00	99.00	1163.00	1.00	21.00	19.00	4.00	966.00
TL13311	127.0	128.5	1342377	0.50	33.00	425.00	53.00	1.10	2.50	2.50	5.00	129.00	1432.00	2.00	28.00	5.00	5.00	70.00
TL13311	128.5	129.8	1342378	0.50	31.00	457.00	26.00	1.04	2.50	2.50	5.00	137.00	1619.00	2.00	31.00	5.00	5.00	53.00
TL13311	129.8	131.0	1342379	0.50	85.00	445.00	58.00	1.62	7.00	10.00	5.00	72.00	2167.00	1.00	73.00	15.00	10.00	773.00
TL13311	131.0	132.0	1342381	0.50	90.00	437.00	135.00	1.94	2.50	12.00	5.00	144.00	1417.00	1.00	75.00	13.00	10.00	287.00
TL13311	132.0	133.0	1342382	0.50	57.00	388.00	50.00	1.23	2.50	2.50	5.00	91.00	1645.00	1.00	56.00	5.00	9.00	112.00
TL13311	133.0	134.4	1342383	0.50	95.00	573.00	62.00	2.20	2.50	10.00	5.00	113.00	2149.00	2.00	93.00	14.00	13.00	338.00
TL13311	134.4	135.4	1342384	0.50	85.00	453.00	154.00	2.45	2.50	5.00	5.00	91.00	1684.00	1.00	72.00	37.00	8.00	2150.00
TL13311	135.4	136.4	1342385	0.50	76.00	464.00	802.00	2.87	2.50	7.00	5.00	122.00	1346.00	1.00	62.00	87.00	10.00	6444.00
TL13311	136.4	137.4	1342386	0.50	60.00	387.00	515.00	1.94	8.00	7.00	5.00	64.00	1000.00	1.00	38.00	42.00	6.00	2030.00
TL13311	137.4	138.4	1342387	0.50	56.00	443.00	71.00	1.02	2.50	8.00	5.00	76.00	1177.00	1.00	34.00	5.00	7.00	120.00
TL13311	138.4	139.5	1342388	0.50	77.00	503.00	62.00	1.61	5.00	2.50	5.00	76.00	1778.00	1.00	68.00	5.00	10.00	92.00
TL13311	139.5	141.0	1342389	0.50	73.00	442.00	64.00	1.97	2.50	7.00	5.00	55.00	1306.00	1.00	62.00	5.00	8.00	144.00
TL13311	141.0	142.5	1342391	0.50	71.00	431.00	86.00	1.90	2.50	11.00	5.00	64.00	1430.00	1.00	73.00	5.00	8.00	189.00
TL13311	142.5	144.0	1342392	0.50	66.00	431.00	46.00	1.42	6.00	10.00	5.00	51.00	1151.00	1.00	62.00	5.00	9.00	124.00
TL13311	144.0	145.0	1342393	0.50	76.00	358.00	100.00	2.18	2.50	2.50	5.00	47.00	905.00	1.00	51.00	5.00	7.00	242.00
TL13311	145.0	146.0	1342394	0.50	77.00	407.00	95.00	2.50	2.50	2.50	5.00	59.00	1138.00	1.00	66.00	5.00	7.00	115.00
TL13311	146.0	147.0	1342396	0.50	82.00	434.00	111.00	2.54	5.00	11.00	5.00	59.00	1263.00	1.00	69.00	24.00	7.00	1060.00
TL13311	146.0	147.0	1342395	0.50	74.00	451.00	112.00	2.42	2.50	8.00	5.00	57.0	1141.00	1.00	65.00	12.00	7.00	595.00
TL13311	147.0	148.5	1342397	0.50	68.00	460.00	179.00	1.97	5.00	5.00	5.00	74.00	1321.00	1.00	60.00	5.00	7.00	169.00
TL13311	148.5	150.0	1342398	0.50	66.00	452.00	71.00	1.39	5.00	5.00	5.00	60.00	1456.00	3.00	64.00	5.00	6.00	163.00
TL13311	150.0	151.0	1342399	0.50	68.00	470.00	69.00	1.04	2.50	7.00	5.00	62.00	1603.00	1.00	63.00	5.00	7.00	117.00
TL13311	151.0	152.0	1342401	0.50	75.00	481.00	80.00	0.98	5.00	10.00	5.00	83.00	1857.00	1.00	75.00	5.00	8.00	105.00
TL13311	152.0	153.0	1342402	0.50	77.00	423.00	63.00	0.97	2.50	8.00	5.00	74.00	1372.00	1.00	46.00	5.00	6.00	79.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13311	153.0	153.8	1342403	2.00	4.42	16.00	261.00	2.00	9.00	0.55	2.00	15.00	113.00	39.00	3.12	0.26	18.00	1.61	478.00
TL13311	153.8	154.8	1342404	2.00	4.17	18.00	274.00	1.00	20.00	0.59	2.00	13.00	99.00	27.00	2.77	0.31	12.00	1.36	546.00
TL13311	154.8	155.8	1342405	3.00	4.73	70.00	260.00	2.00	4.00	0.55	4.00	16.00	121.00	31.00	2.95	0.20	11.00	1.09	486.00
TL13311	155.8	156.8	1342406	3.00	4.60	57.00	226.00	1.00	14.00	0.61	2.00	16.00	120.00	68.00	3.03	0.10	12.00	0.96	490.00
TL13311	156.8	157.8	1342407	4.00	4.74	51.00	217.00	2.00	15.00	0.96	4.00	20.00	141.00	89.00	3.39	0.01	13.00	1.12	502.00
TL13311	157.8	159.0	1342408	2.00	4.51	18.00	186.00	2.00	15.00	1.51	2.00	19.00	142.00	42.00	3.20	0.01	15.00	1.34	545.00
TL13311	159.0	160.0	1342409	2.00	5.10	28.00	207.00	2.00	32.00	0.46	2.00	23.00	144.00	49.00	3.99	0.01	19.00	1.48	536.00
TL13311	160.0	161.0	1342411	2.00	3.39	65.00	181.00	2.00	21.00	0.01	4.00	20.00	123.00	81.00	3.26	0.01	9.00	0.67	315.00
TL13311	161.0	162.0	1342412	3.00	3.18	78.00	177.00	2.00	23.00	0.24	2.00	14.00	105.00	48.00	2.73	0.01	9.00	0.59	338.00
TL13311	162.0	163.0	1342413	2.00	3.86	31.00	199.00	2.00	34.00	1.23	2.00	12.00	61.00	35.00	2.25	0.04	11.00	1.14	578.00
TL13311	163.0	164.0	1342414	2.00	3.49	37.00	255.00	2.00	14.00	0.72	2.00	7.00	27.00	31.00	1.77	0.17	13.00	0.73	478.00
TL13311	164.0	165.0	1342415	2.00	4.15	45.00	293.00	2.00	6.00	1.26	2.00	6.00	19.00	22.00	1.34	0.09	16.00	0.94	662.00
TL13311	164.0	165.0	1342416	2.00	4.42	44.00	294.00	1.00	10.00	1.44	2.00	6.00	24.00	25.00	1.36	0.27	18.00	0.99	691.00
TL13311	165.0	166.0	1342417	1.00	3.99	31.00	309.00	2.00	17.00	1.10	2.00	6.00	33.00	14.00	1.33	0.15	9.00	0.92	611.00
TL13311	166.0	167.0	1342418	1.00	3.77	34.00	305.00	1.00	23.00	1.30	2.00	6.00	29.00	11.00	1.51	0.01	8.00	1.01	669.00
TL13311	167.0	168.0	1342419	5.00	2.73	56.00	211.00	2.00	2.00	0.66	14.00	6.00	35.00	123.00	1.85	0.20	6.00	0.59	323.00
TL13311	168.0	169.5	1342421	2.00	4.68	37.00	409.00	3.00	16.00	2.78	2.00	6.00	38.00	24.00	2.05	0.15	12.00	2.07	1395.00
TL13311	169.5	171.0	1342422	1.00	4.44	10.00	251.00	2.00	20.00	2.24	2.00	6.00	29.00	16.00	1.82	0.29	12.00	1.85	1261.00
TL13311	171.0	172.5	1342423	1.00	4.83	22.00	302.00	3.00	13.00	1.95	2.00	9.00	21.00	19.00	1.95	0.01	13.00	1.62	991.00
TL13311	172.5	174.0	1342424	1.00	4.63	26.00	293.00	3.00	14.00	1.79	2.00	8.00	26.00	7.00	2.00	0.20	14.00	1.61	792.00
TL13311	174.0	175.5	1342425	1.00	4.90	24.00	312.00	2.00	17.00	2.07	2.00	7.00	28.00	6.00	1.77	0.13	13.00	1.54	791.00
TL13311	175.5	177.0	1342426	1.00	4.26	29.00	300.00	3.00	19.00	1.62	2.00	6.00	18.00	6.00	1.56	0.21	11.00	1.23	632.00
TL13311	177.0	178.5	1342427	2.00	4.40	26.00	340.00	1.00	8.00	1.78	2.00	6.00	22.00	18.00	1.56	0.01	11.00	1.13	664.00
TL13311	178.5	180.0	1342428	1.00	4.94	19.00	430.00	3.00	19.00	1.80	2.00	8.00	21.00	3.00	1.58	0.01	14.00	1.03	471.00
TL13311	180.0	181.5	1342429	1.00	4.29	9.00	385.00	3.00	21.00	1.73	2.00	7.00	17.00	4.00	1.54	0.01	11.00	0.85	336.00
TL13311	181.5	182.5	1342431	1.00	4.75	16.00	409.00	2.00	16.00	1.79	2.00	6.00	22.00	9.00	1.63	0.01	13.00	1.02	586.00
TL13311	182.5	183.5	1342432	1.00	4.40	24.00	359.00	2.00	22.00	1.32	2.00	7.00	32.00	24.00	1.52	0.06	12.00	0.80	545.00
TL13311	183.5	185.0	1342433	2.00	4.43	27.00	320.00	2.00	6.00	1.90	2.00	6.00	13.00	13.00	1.76	0.01	13.00	1.08	773.00
TL13311	185.0	186.0	1342434	1.00	4.61	28.00	320.00	2.00	8.00	1.59	2.00	6.00	25.00	28.00	1.59	0.21	14.00	0.96	664.00
TL13311	186.0	187.0	1342436	1.00	4.44	13.00	384.00	2.00	21.00	1.82	2.00	6.00	48.00	12.00	1.65	0.38	13.00	1.06	771.00
TL13311	186.0	187.0	1342435	1.00	4.20	12.00	345.00	2.00	19.00	1.79	2.00	6.00	12.00	8.00	1.45	0.26	12.00	1.09	773.00
TL13311	187.0	188.0	1342437	1.00	4.19	15.00	309.00	2.00	4.00	0.68	2.00	7.00	20.00	32.00	1.28	0.01	14.00	0.67	442.00
TL13311	188.0	189.0	1342438	1.00	4.48	10.00	242.00	3.00	20.00	1.43	2.00	7.00	53.00	13.00	1.48	0.01	16.00	1.02	678.00
TL13311	189.0	190.0	1342439	2.00	3.77	14.00	220.00	2.00	13.00	1.22	6.00	7.00	32.00	25.00	1.51	0.01	12.00	0.92	520.00
TL13311	190.0	191.0	1342441	2.00	4.46	2.00	270.00	2.00	28.00	2.10	2.00	8.00	48.00	4.00	1.87	0.01	16.00	1.19	449.00
TL13311	191.0	192.0	1342442	1.00	3.66	1.00	236.00	1.00	19.00	1.87	2.00	7.00	22.00	3.00	1.66	0.01	11.00	1.10	405.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13311	153.0	153.8	1342403	0.50	78.00	459.00	62.00	1.17	2.50	5.00	5.00	73.00	1669.00	1.00	67.00	5.00	8.00	318.00
TL13311	153.8	154.8	1342404	0.50	81.00	441.00	63.00	1.37	2.50	11.00	5.00	73.00	1456.00	1.00	63.00	5.00	7.00	87.00
TL13311	154.8	155.8	1342405	0.50	91.00	427.00	69.00	2.05	2.50	7.00	5.00	72.00	1447.00	1.00	73.00	17.00	8.00	780.00
TL13311	155.8	156.8	1342406	0.50	95.00	424.00	105.00	2.05	2.50	2.50	5.00	82.00	1368.00	1.00	67.00	13.00	9.00	350.00
TL13311	156.8	157.8	1342407	0.50	105.00	477.00	283.00	1.72	2.50	5.00	5.00	109.00	1738.00	1.00	78.00	10.00	11.00	523.00
TL13311	157.8	159.0	1342408	0.50	105.00	464.00	30.00	0.77	2.50	7.00	5.00	144.00	2077.00	1.00	65.00	5.00	11.00	57.00
TL13311	159.0	160.0	1342409	0.50	106.00	469.00	64.00	1.14	2.50	7.00	5.00	95.00	2484.00	1.00	98.00	5.00	10.00	94.00
TL13311	160.0	161.0	1342411	0.50	101.00	443.00	187.00	2.33	6.00	10.00	5.00	61.00	1591.00	1.00	79.00	16.00	10.00	573.00
TL13311	161.0	162.0	1342412	4.00	93.00	371.00	364.00	2.18	6.00	6.00	5.00	61.00	1571.00	1.00	61.00	15.00	10.00	364.00
TL13311	162.0	163.0	1342413	0.50	64.00	457.00	37.00	1.04	2.50	9.00	5.00	89.00	1820.00	1.00	49.00	5.00	8.00	41.00
TL13311	163.0	164.0	1342414	3.00	53.00	408.00	101.00	1.45	2.50	5.00	5.00	85.00	1531.00	1.00	32.00	10.00	5.00	179.00
TL13311	164.0	165.0	1342415	0.50	34.00	417.00	59.00	1.08	5.00	7.00	5.00	92.00	1478.00	4.00	29.00	5.00	5.00	124.00
TL13311	164.0	165.0	1342416	0.50	46.00	448.00	75.00	1.01	2.50	10.00	5.00	96.00	1538.00	1.00	31.00	5.00	5.00	184.00
TL13311	165.0	166.0	1342417	0.50	61.00	413.00	46.00	0.91	5.00	10.00	5.00	79.00	1400.00	1.00	30.00	5.00	5.00	60.00
TL13311	166.0	167.0	1342418	0.50	56.00	388.00	41.00	1.13	2.50	11.00	5.00	78.00	1331.00	1.00	29.00	13.00	5.00	154.00
TL13311	167.0	168.0	1342419	0.50	60.00	310.00	1043.00	2.06	8.00	2.50	5.00	87.00	1079.00	1.00	27.00	90.00	4.00	4954.00
TL13311	168.0	169.5	1342421	0.50	65.00	442.00	52.00	1.01	5.00	14.00	5.00	109.00	1502.00	1.00	35.00	45.00	5.00	83.00
TL13311	169.5	171.0	1342422	0.50	52.00	452.00	34.00	0.68	2.50	8.00	5.00	94.00	1461.00	1.00	33.00	5.00	5.00	32.00
TL13311	171.0	172.5	1342423	0.50	42.00	468.00	21.00	0.74	2.50	10.00	5.00	102.00	1619.00	1.00	34.00	5.00	5.00	44.00
TL13311	172.5	174.0	1342424	0.50	50.00	459.00	16.00	0.84	6.00	11.00	5.00	97.00	1608.00	1.00	33.00	5.00	5.00	48.00
TL13311	174.0	175.5	1342425	0.50	50.00	481.00	29.00	0.62	6.00	13.00	5.00	103.00	1567.00	1.00	33.00	5.00	5.00	47.00
TL13311	175.5	177.0	1342426	0.50	37.00	429.00	28.00	0.76	2.50	9.00	5.00	92.00	1433.00	1.00	30.00	5.00	5.00	40.00
TL13311	177.0	178.5	1342427	0.50	42.00	414.00	115.00	0.92	6.00	10.00	5.00	102.00	1468.00	2.00	32.00	5.00	5.00	337.00
TL13311	178.5	180.0	1342428	0.50	41.00	463.00	25.00	0.69	2.50	7.00	5.00	105.00	1767.00	1.00	35.00	5.00	5.00	46.00
TL13311	180.0	181.5	1342429	0.50	35.00	437.00	29.00	0.63	2.50	10.00	5.00	118.00	1613.00	1.00	32.00	5.00	5.00	58.00
TL13311	181.5	182.5	1342431	0.50	41.00	457.00	38.00	0.78	2.50	5.00	5.00	123.00	1637.00	1.00	33.00	5.00	5.00	77.00
TL13311	182.5	183.5	1342432	0.50	58.00	439.00	75.00	1.03	2.50	2.50	5.00	128.00	1641.00	1.00	32.00	17.00	5.00	393.00
TL13311	183.5	185.0	1342433	0.50	24.00	419.00	93.00	1.22	6.00	8.00	5.00	146.00	1431.00	1.00	30.00	22.00	5.00	105.00
TL13311	185.0	186.0	1342434	0.50	48.00	430.00	33.00	0.91	6.00	2.50	5.00	155.00	1523.00	1.00	33.00	23.00	5.00	615.00
TL13311	186.0	187.0	1342436	0.50	91.00	415.00	25.00	0.75	2.50	2.50	5.00	173.00	1394.00	1.00	33.00	5.00	5.00	72.00
TL13311	186.0	187.0	1342435	0.50	28.00	426.00	24.00	0.73	2.50	9.00	5.00	173.00	1395.00	1.00	31.00	10.00	5.00	73.00
TL13311	187.0	188.0	1342437	0.50	33.00	447.00	62.00	0.76	2.50	7.00	5.00	118.00	1655.00	2.00	33.00	16.00	5.00	108.00
TL13311	188.0	189.0	1342438	0.50	91.00	432.00	29.00	0.76	2.50	2.50	5.00	114.00	1537.00	1.00	34.00	5.00	5.00	45.00
TL13311	189.0	190.0	1342439	0.50	63.00	404.00	231.00	0.93	2.50	7.00	5.00	117.00	1471.00	1.00	31.00	25.00	4.00	1223.00
TL13311	190.0	191.0	1342441	1.00	93.00	447.00	21.00	0.54	2.50	7.00	5.00	153.00	1622.00	1.00	36.00	5.00	5.00	41.00
TL13311	191.0	192.0	1342442	0.50	48.00	440.00	17.00	0.49	2.50	2.50	5.00	130.00	1623.00	1.00	34.00	5.00	5.00	43.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13311	10.5	97.3	86.8	PY	DISS	3	2-3% diss. py, local blebs and stringers, some condensed patches, usually in strong silicification
TL13311	18.0	27.0	9.0	SPH	ST	1	Trace to 1% sph stringer, usually with py stringers
TL13311	29.7	36.0	6.3	SPH	ST	0.1	Trace sph stringers in strongly silicified patches
TL13311	29.7	36.0	6.3	PB	BLB	0.1	Trace gn blebs in strongly silicified patches
TL13311	52.3	53.8	1.5	PY	ST	5	Increase in py stringers/blebs
TL13311	52.3	53.8	1.5	PB	BLB	0.1	Trace gn blebs found within qz veins and strong silicification
TL13311	52.3	53.8	1.5	SPH	ST	1	1% sph stringers in strongly silicified area
TL13311	52.8	52.9	0.2	AU	BLB	0.1	4-5, small 1mm VG blebs within qz vein, associated with gn mineralization as well
TL13311	53.8	97.3	43.5	SPH	ST	0.1	Trace sph stringers
TL13311	97.3	103.3	6.0	PY	DISS	4	3-4% diss. py, local stringers and blebs
TL13311	97.3	103.3	6.0	SPH	ST	1	1% sph stringers
TL13311	97.3	103.3	6.0	PB	BLB	0.1	Trace gn blebs
TL13311	103.3	116.0	12.7	SPH	ST	0.1	Trace sph stringers
TL13311	103.3	116.0	12.7	PO	BLB	0.1	Trace po blebs
TL13311	103.3	116.0	12.7	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13311	116.0	121.0	5.0	CP	BLB	0.1	Trace cpy blebs
TL13311	116.0	121.0	5.0	PB	BLB	0.1	Trace gn blebs
TL13311	116.0	121.0	5.0	PY	BLB	3	2-3% diss py, local blebs and stringers
TL13311	116.0	121.0	5.0	SPH	ST	2	1-2% sph stringers
TL13311	121.0	129.8	8.8	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13311	121.0	129.8	8.8	PB	BLB	0.1	Trace gn blebs with some sph stringers
TL13311	121.0	129.8	8.8	SPH	ST	1	1% sph stringers
TL13311	129.8	135.0	5.3	SPH	ST	0.1	Trace sph stringers
TL13311	129.8	136.4	6.6	PY	DISS	5	4-5% diss py, common blebs and stringers
TL13311	135.6	135.7	0.1	SPH	SW	5	Condensed stockwork sph stringers adjacent to qz vein
TL13311	135.6	135.7	0.1	PB	BLB	1	Gn blebs with condensed sph stringers
TL13311	136.4	137.8	1.5	PY	DISS	4	3-4% diss. py with common stringers
TL13311	136.4	137.8	1.5	SPH	ST	2	1-2% sph stringers, associated with deformed qz veins
TL13311	136.4	137.8	1.5	PB	BLB	1	Trace to 1% gn blebs with some sph stringers
TL13311	137.8	150.0	12.2	PY	DISS	4	3-4% diss. py, common blebs
TL13311	137.8	153.8	16.0	PO	BLB	0.1	Trace po blebs
TL13311	144.0	147.0	3.0	SPH	ST	1	Trace to 1% sph stringers in increased sericitized patches
TL13311	150.0	153.8	3.8	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13311	153.8	157.2	3.4	PB	BLB	0.1	Trace gn blebs with sph stringers
TL13311	153.8	157.2	3.4	SPH	ST	2	1-2% sph stringers
TL13311	153.8	157.2	3.4	PY	DISS	4	3-4% diss. py, common blebs
TL13311	157.2	160.2	3.0	PY	DISS	2	1-2% diss. py, local blebs

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13311	160.2	168.0	7.8	PY	DISS	3	2-3% diss py, increase in stringers near qz veins
TL13311	160.2	168.0	7.8	SPH	ST	2	1-2% sph stringers, often near deformed qz veins
TL13311	160.2	168.0	7.8	PB	BLB	1	Trace to 1% gn blebs within some qz veins and associate with py/sph
TL13311	167.6	168.0	0.4	CP	BLB	0.1	Trace to 1% cpy blebs associated with increased py/sph mineralization in qz veins
TL13311	168.0	192.0	24.0	PY	DISS	3	2-3% diss. py, occasional condensed patches of blebs
TL13311	168.0	192.0	24.0	PO	BLB	0.1	Trace po blebs
TL13311	183.0	190.0	7.0	Bn	BLB	0.1	Trace gn blebs associated with sph stringers
TL13311	183.0	190.0	7.0	SPH	ST	2	1-2% sph stringers commonly in patches of strong sr

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13311	10.5	30.0	19.5	FOL	Moderate	55	
TL13311	10.5	97.3	86.8	FR	Weak	40	Fractures 10-70 deg TCA, minor marginal alt
TL13311	30.0	60.0	30.0	FOL	Moderate	57	55-60 deg TCA
TL13311	36.5	36.6	0.1	Fold	Moderate	30	Folded qz vein, axial plane 30 deg TCA
TL13311	44.3	44.4	0.0	Fold	Weak	55	Folded qz vein, axial plane 55 deg TCA
TL13311	60.0	97.3	37.3	FOL	Moderate	60	
TL13311	65.2	65.2	0.0	FTZ	Weak	55	Micro fault with minor fault gouge, parallel to foliation
TL13311	80.8	80.8	0.1	Fold	Moderate	28	Drag fold adjacent to qz vein, axial plane 28 deg TCA
TL13311	97.3	103.3	6.0	Fold	Moderate	62	60-65 deg TCA
TL13311	97.8	98.1	0.3	FTZ	Weak		Possible fault zone with increased fracturing and minor lithified and fault gouge
TL13311	103.3	116.0	12.7	FOL	Moderate	60	
TL13311	116.0	121.0	5.0	FR	Weak	50	Fracture set 40-60 deg TCA, weak to moderate marginal alt
TL13311	116.0	121.0	5.0	FOL	Moderate	65	
TL13311	121.0	130.0	9.0	FR	Moderate	50	Common fracture set 40-60 deg TCA, some irregular, weak to moderate marginal alt
TL13311	121.0	136.4	15.4	FOL	Moderate	60	60-65 deg TCA
TL13311	131.6	131.6	0.0	FTZ	Weak	60	Micro fault semi-parallel to foliation, unlithified fault gouge
TL13311	136.4	137.8	1.5	FOL	Moderate	65	
TL13311	136.4	137.8	1.5	FR	Moderate	65	Common fracturing along foliation
TL13311	137.8	153.8	16.0	FOL	Moderate	65	60-70 deg TCA
TL13311	137.8	153.8	16.0	FR	Weak	50	Weak fracturing, often irregular or parallel TCA, some 40-60 deg TCA
TL13311	140.0	153.8	13.8	SHZ	Moderate		Moderate to strong patches of shearing around abundant porphyroblasts
TL13311	153.8	157.2	3.4	FOL	Moderate	60	
TL13311	156.9	157.2	0.3	Fold	Weak		Folding of foliation adjacent to irregular qz vein
TL13311	157.2	160.2	3.0	FOL	Moderate	65	
TL13311	160.2	168.0	7.8	FOL	Moderate	65	
TL13311	160.2	168.0	7.8	FR	Weak	50	Fracture set 40-60 deg TCA
TL13311	168.0	185.0	17.0	FOL	Moderate	70	
TL13311	185.0	192.0	7.0	FOL	Moderate	65	60-70 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13311	10.5	47.5	37.0	SR	Patchy	Moderate	Semi-pervasive sericite, 50% sr 50% bio
TL13311	10.5	97.3	86.8	SI	Pervasive	Strong	Strong to v. strong silicification
TL13311	47.5	51.2	3.7	SR	Patchy	Very Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13311	51.2	97.3	46.1	SR	Patchy	Weak	Semi-pervasive sericite, 40% sr 60% bio
TL13311	97.3	103.3	6.0	SI	Pervasive	Very Strong	Strong to v. strong silicification
TL13311	97.3	103.3	6.0	SR	Patchy	Strong	Semi-pervasive sericite, 75% sr 25% bio
TL13311	103.3	116.0	12.7	SI	Pervasive	Strong	Moderate to strong silicification
TL13311	103.3	116.0	12.7	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13311	116.0	121.0	5.0	SI	Pervasive	Moderate	Moderate to strong silicification
TL13311	116.0	121.0	5.0	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio
TL13311	116.0	121.0	5.0	CH	Fract-Cont	Weak	Weak chl alteration marginal to some fractures
TL13311	121.0	129.8	8.8	SI	Pervasive	Strong	Moderate to strong silicification
TL13311	121.0	129.8	8.8	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13311	129.8	136.4	6.6	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio
TL13311	129.8	136.4	6.6	SI	Pervasive	Very Weak	Very weak silicification
TL13311	136.4	137.8	1.5	SR	Patchy	Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13311	136.4	137.8	1.5	SI	Pervasive	Moderate	Weak to moderate silicification
TL13311	137.8	153.8	16.0	SI	Pervasive	Very Weak	V. weak to weak silicification
TL13311	137.8	153.8	16.0	SR	Patchy	Very Weak	Semi-pervasive sericite, <5% SR
TL13311	137.8	153.8	16.0	BT	Pervasive	Strong	Strong bio
TL13311	153.8	157.2	3.4	SI	Pervasive	Moderate	Weak to moderate silicification
TL13311	153.8	157.2	3.4	SR	Patchy	Moderate	Semi-pervasive sericite, 50% sr 50% bio
TL13311	153.8	157.2	3.4	CH	Pervasive	Weak	Weak chl overprinting on some strong sr patches
TL13311	157.2	160.2	3.0	SI	Pervasive	Weak	Weak silicification
TL13311	157.2	160.2	3.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13311	160.2	168.0	7.8	SI	Pervasive	Moderate	Moderate silicification
TL13311	160.2	168.0	7.8	SR	Patchy	Strong	Semi-pervasive sericite, 65% sr 35% bio
TL13311	160.2	168.0	7.8	CH	Pervasive	Weak	Weak chl overprinting
TL13311	168.0	192.0	24.0	SI	Pervasive	Strong	Moderate to strong silicification
TL13311	168.0	192.0	24.0	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13311	12	15	3	2.91	2.45	97	81.67	16	
TL13311	15	18	3	2.86	2.16	95.33	72	17	
TL13311	18	21	3	2.96	2.43	98.67	81	19	
TL13311	21	24	3	2.99	2.69	99.67	89.67	15	
TL13311	24	27	3	2.97	2.42	99	80.67	15	
TL13311	27	30	3	2.9	2.66	96.67	88.67	11	
TL13311	30	33	3	2.98	2.88	99.33	96	10	
TL13311	33	36	3	3.04	2.48	101.33	82.67	15	
TL13311	36	39	3	2.99	2.81	99.67	93.67	7	
TL13311	39	42	3	2.98	2.98	99.33	99.33	5	
TL13311	42	45	3	2.96	2.89	98.67	96.33	4	
TL13311	45	48	3	2.98	2.63	99.33	87.67	8	
TL13311	48	51	3	3.01	2.88	100.33	96	3	
TL13311	51	54	3	3	2.23	100	74.33	13	
TL13311	54	57	3	2.83	2.54	94.33	84.67	14	
TL13311	57	60	3	2.94	2.82	98	94	7	
TL13311	60	63	3	2.99	2.99	99.67	99.67	4	
TL13311	63	66	3	2.87	2.89	95.67	96.33	24	
TL13311	66	69	3	3.06	2.89	102	96.33	4	
TL13311	69	72	3	3	2.89	100	96.33	10	
TL13311	72	75	3	3.01	2.45	100.33	81.67	10	
TL13311	75	78	3	2.98	2.98	99.33	99.33	1	
TL13311	78	81	3	2.94	2.47	98	82.33	16	
TL13311	81	84	3	2.95	2.66	98.33	88.67	15	
TL13311	84	87	3	2.99	2.6	99.67	86.67	12	
TL13311	87	90	3	2.89	2.52	96.33	84	11	
TL13311	90	93	3	3	2.93	100	97.67	8	
TL13311	93	96	3	3	2.75	100	91.67	11	
TL13311	96	99	3	3	2.28	100	76	14	
TL13311	99	102	3	2.92	2.42	97.33	80.67	10	
TL13311	102	105	3	2.99	2.76	99.67	92	8	
TL13311	105	108	3	2.93	2.66	97.67	88.67	9	
TL13311	108	111	3	2.97	2.73	99	91	10	
TL13311	111	114	3	3.05	2.33	101.67	77.67	17	
TL13311	114	117	3	3.08	2.25	102.67	75	15	
TL13311	117	120	3	3.01	2.44	100.33	81.33	10	
TL13311	120	123	3	2.82	2.82	94	94	8	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13311	123	126	3	2.99	2.88	99.67	96	3	
TL13311	126	129	3	2.92	2.64	97.33	88	8	
TL13311	129	132	3	2.98	2.84	99.33	94.67	22	
TL13311	132	135	3	3.03	2.3	101	76.67	19	
TL13311	135	138	3	3.05	1.4	101.67	46.67	44	
TL13311	138	141	3	2.92	2.16	97.33	72	25	
TL13311	141	144	3	3.02	2.14	100.67	71.33	22	
TL13311	144	147	3	2.84	1.57	94.67	52.33	35	
TL13311	147	150	3	3.02	2.27	100.67	75.67	24	
TL13311	150	153	3	2.94	2.36	98	78.67	24	
TL13311	153	156	3	3.01	2.76	100.33	92	16	
TL13311	156	159	3	2.92	2.16	97.33	72	22	
TL13311	159	162	3	2.97	2.48	99	82.67	22	
TL13311	162	165	3	3.01	2.69	100.33	89.67	13	
TL13311	165	168	3	2.9	2.74	96.67	91.33	10	
TL13311	168	171	3	3.05	2.97	101.67	99	8	
TL13311	171	174	3	3	2.93	100	97.67	10	
TL13311	174	177	3	3.01	3.01	100.33	100.33	9	
TL13311	177	180	3	2.9	2.56	96.67	85.33	9	
TL13311	180	183	3	3.02	2.94	100.67	98	8	
TL13311	183	186	3	2.94	2.94	98	98	6	
TL13311	186	189	3	2.89	2.53	96.33	84.33	9	
TL13311	189	192	3	3.05	2.81	101.67	93.67	6	

DETAILED LOG

Hole Number: TL13312

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5511828.67	North:	Collar Az: 0.00
Location: Zealand Township	East: 527722.22	East:	Length: 243.19
	Elev: 390.25	Elev:	Start Depth: 0.00
Date Started: Feb 01, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 03, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 243.19

Comments: Logged by Brian Wolfe

Claim #1106347

MSS Main-Zone from 100.42-111.3m

This Main Zone MSS has very strong patchy sericitic alteration with a short interval of very weak patchy sericitic alteration. This unit is strongly silicified in patches throughout. This unit is mineralized with 1% disseminated pyrite, 1% pyrite stringers, trace to 1% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.

MSS C-Zone from 174.38m-180.60m

This C-Zone MSS unit has weak to strong patchy silicification and weak patchy sericitic alteration. There is also very weak patchy chloritic alteration. This unit contains 2% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, trace galena in blebs, and trace pyrrhotite stringers.

MSS D-Zone? 198.92m-207.60m

This MSS unit has moderate patchy sericitic alteration and moderate patchy silicification. This unit contains 2% pyrite in fine stringers, 1% disseminated pyrite, trace sphalerite stringers, and trace galena blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	359.00	-49.00	EZ Sho	OK		30.00	359.00	-48.50	EZ Sho	OK	
51.00	357.10	-47.60	EZ Sho	OK		105.00	0.10	-46.50	EZ Sho	OK	
150.00	359.50	-46.00	EZ Sho	OK		204.00	1.50	-45.40	EZ Sho	OK	
243.00	2.30	-44.70	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1
0.00	21.00	OB, Overburden									
21.00	39.30	BMS, Biotite Muscovite Schist	1342443	24.00	25.50	1.50	0.01				
		This BMS unit has moderate to very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with only 1% disseminated pyrite.	1342444	25.50	27.00	1.50	0.02				
			1342445	27.00	28.50	1.50	0.02				
			1342446	28.50	30.00	1.50	0.01				
			1342447	30.00	31.50	1.50	0.07				
			1342448	31.50	33.00	1.50	0.20				
			1342449	33.00	34.50	1.50	0.06				
			1342451	34.50	36.00	1.50	0.19				
			1342452	36.00	37.00	1.00	0.37				
			1342453	37.00	38.00	1.00	0.54				
			1342454	38.00	39.30	1.30	0.05				

Hole Number: TL13312

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
39.30	50.90	MSS, Muscovite Sericite Schist MSS possible hanging wall This MSS unit has very strong patchy sericitic alteration and very weak patchy silicification. This unit is very poorly mineralized with only trace disseminated pyrite, trace pyrite in stringers and trace sphalerite in a stringer. The mineralization in this unit all occurs within the last meter of the unit.	1342455	39.30	40.30	1.00	0.05				
			1342456	39.30	40.30	1.00	0.09				
			1342457	40.30	41.80	1.50	0.26				
			1342458	41.80	43.30	1.50	0.02				
			1342459	43.30	44.30	1.00	0.03				
			1342461	44.30	45.50	1.20	0.05				
			1342462	45.50	47.00	1.50	0.04				
			1342463	47.00	48.50	1.50	0.02				
			1342464	48.50	49.50	1.00	0.06				
			1342465	49.50	51.00	1.50	0.26				
50.90	65.22	BMS, Biotite Muscovite Schist This BMS unit is very patchy and varies from very weak to moderate and back to very weak and patchy sericitic alteration. This unit is also strongly silicified and patchy throughout the interval. This unit is poorly mineralized with trace disseminated pyrite 1% pyrite in stringers, trace to 1% sphalerite in stringers and trace pyrrhotite blebs. The mineralization in this unit is almost entirely within the lighter more sericitically altered patches of rock and occurs between 57.24m-61.46m.	1342466	51.00	52.50	1.50	0.01				
			1342467	52.50	54.00	1.50	0.03				
			1342468	54.00	55.50	1.50	0.02				
			1342469	55.50	57.00	1.50	0.11				
			1342471	57.00	58.00	1.00	0.48				
			1342472	58.00	59.00	1.00	0.25				
			1342473	59.00	60.50	1.50	0.50				
			1342474	60.50	62.00	1.50	0.31				
			1342475	62.00	63.20	1.20	0.02				
			1342476	62.00	63.20	1.20	0.03				
			1342477	63.20	64.20	1.00	0.03				
			1342478	64.20	65.20	1.00	0.02				
			1342479	65.20	66.70	1.50	0.02				
65.22	72.36	MSS, Muscovite Sericite Schist MSS Possible Hanging Wall 65.22m-72.36m This MSS unit has strong patchy sericitic alteration, strong patchy silicification and very weak patchy chloritic alteration. This unit is very poorly mineralized with 1% disseminated pyrite and trace pyrite in stringers.	1342481	66.70	68.20	1.50	0.28				
			1342482	68.20	69.70	1.50	0.07				
			1342483	69.70	71.20	1.50	0.34				
			1342484	71.20	72.40	1.20	0.42				
72.36	73.36	BMS, Biotite Muscovite Schist This BMS unit has very weak to moderate and back to very weak patchy sericitic alteration and very strong patchy silicification. This unit is very poorly mineralized with only trace disseminated pyrite and trace pyrite in stringers.	1342485	72.40	73.40	1.00	0.36				

DETAILED LOG

Hole Number: TL13312

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
73.36	100.42	BMS, Biotite Muscovite Schist	1342486	73.40	74.90	1.50	0.18				
			1342487	74.90	76.40	1.50	0.08				
			1342488	76.40	77.90	1.50	0.02				
			1342489	77.90	79.40	1.50	0.02				
			1342491	79.40	80.90	1.50	0.02				
			1342492	80.90	82.40	1.50	0.08				
			1342493	82.40	83.90	1.50	0.40				
			1342494	83.90	85.40	1.50	0.07				
			1342495	85.40	86.90	1.50	0.05				
			1342496	85.40	86.90	1.50	0.03				
			1342497	86.90	88.40	1.50	0.03				
			1342498	88.40	89.90	1.50	0.02				
			1342499	89.90	91.40	1.50	0.05				
			1328001	91.40	92.90	1.50	0.23				
			1328002	92.90	94.40	1.50	0.45				
			1328003	94.40	95.90	1.50	0.23				
			1328004	95.90	97.40	1.50	0.22				
			1328005	97.40	98.90	1.50	0.05				
			1328006	98.90	100.40	1.50	0.02				
			1328007	100.40	101.90	1.50	0.18				
100.42	111.30	MSS, Muscovite Sericite Schist	1328008	101.90	103.40	1.50	1.29				
		MSS Main-Zone from 100.42-111.3m	1328009	103.40	104.90	1.50	1.22				
		This Main Zone MSS has very strong patchy sericitic alteration with a short interval of very weak patchy sericitic alteration. This unit is strongly silicified in patches throughout. This unit is mineralized with 1% disseminated pyrite, 1% pyrite stringers, trace to 1% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.	1328011	104.90	106.40	1.50	0.10				
			1328012	106.40	107.90	1.50	0.21				
			1328013	107.90	108.90	1.00	0.35				
			1328014	108.90	109.90	1.00	0.11				
			1328016	109.90	111.30	1.40	0.69				
			1328015	109.90	111.30	1.40	0.81				

DETAILED LOG

Hole Number: TL13312

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1	
111.30	174.38	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit contains about 1% pyrite in stringers, trace disseminated pyrite, trace sphalerite stringers, trace galena blebs, trace pyrrhotite blebs and trace chalcopyrite blebs.	1328017	111.30	112.80	1.50	0.08					
			1328018	112.80	114.50	1.70	0.03					
			1328019	114.50	115.80	1.30	0.06					
			1328021	115.80	117.30	1.50	0.01					
			1328022	117.30	118.80	1.50	0.02					
			1328023	118.80	120.30	1.50	0.04					
			1328024	120.30	121.80	1.50	0.10					
			1328025	121.80	123.30	1.50	0.01					
			1328026	123.30	124.80	1.50	0.01					
			1328027	124.80	126.30	1.50	0.02					
			1328028	126.30	127.80	1.50	0.01					
			1328029	127.80	129.30	1.50	0.00					
			1328031	129.30	130.80	1.50	0.01					
			1328032	130.80	132.30	1.50	0.14					
			1328033	132.30	133.80	1.50	0.02					
			1328034	133.80	135.30	1.50	0.03					
			1328036	135.30	136.80	1.50	0.02					
			1328035	135.30	136.80	1.50	0.04					
			1328037	136.80	138.30	1.50	0.03					
			1328038	138.30	139.80	1.50	0.04					
			1328039	139.80	141.30	1.50	0.06					
			1328041	141.30	142.80	1.50	0.07					
			1328042	142.80	144.30	1.50	0.06					
			1328043	144.30	145.80	1.50	0.15					
			1328044	145.80	147.30	1.50	0.03					
			1328045	147.30	148.80	1.50	0.06					
			1328046	148.80	150.30	1.50	0.22					
			1328047	150.30	151.80	1.50	0.02					
			1328048	151.80	153.30	1.50	0.02					
			1328049	153.30	154.80	1.50	0.03					
			1328051	154.80	156.30	1.50	0.04					
			1328052	156.30	157.80	1.50	0.07					
			1328053	157.80	159.30	1.50	0.02					
			1328054	159.30	160.80	1.50	0.01					
			1328055	160.80	162.30	1.50	0.04					
			1328056	160.80	162.30	1.50	0.02					
			1328057	162.30	163.50	1.20	0.04					
			1328058	163.50	165.00	1.50	0.02					
			1328059	165.00	166.50	1.50	0.52					
			1328061	166.50	168.00	1.50	0.03					
			1328062	168.00	169.00	1.00	0.79					
			1328063	169.00	170.00	1.00	0.96					
			1328064	170.00	171.00	1.00	0.10					

DETAILED LOG

Hole Number: TL13312

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
			1328065	171.00	172.00	1.00	1.02				
			1328066	172.00	173.40	1.40	0.20				
			1328067	173.40	174.40	1.00	0.41				
174.38	180.60	MSS, Muscovite Sericite Schist	1328068	174.40	175.40	1.00	1.31				
		MSS C-Zone from 174.38m-180.60m	1328069	175.40	176.40	1.00	0.64				
		This C-Zone MSS unit has weak to strong patchy silicification and weak patchy sericitic alteration. There is also very weak patchy chloritic alteration. This unit contains 2% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, trace galena in blebs, and trace pyrrhotite stringers.	1328071	176.40	177.40	1.00	0.45				
			1328072	177.40	178.40	1.00	1.34				
			1328073	178.40	179.60	1.20	0.48				
			1328074	179.60	180.60	1.00	0.39				
180.60	198.92	BMS, Biotite Muscovite Schist	1328075	180.60	182.10	1.50	0.06				
		This BMS unit has very weak to weak patchy sericitic alteration and moderate patchy silicification. The mineralization in this unit is sporadic and patchy throughout. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace to 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs, and trace pyrrhotite stringers.	1328076	180.60	182.10	1.50	0.08				
			1328077	182.10	183.60	1.50	0.20				
			1328078	183.60	185.10	1.50	0.07				
			1328079	185.10	186.60	1.50	0.18				
			1328081	186.60	188.10	1.50	0.59				
			1328082	188.10	189.60	1.50	0.03				
			1328083	189.60	190.60	1.00	0.04				
			1328084	190.60	191.60	1.00	0.04				
			1328085	191.60	192.60	1.00	4.08				
			1328086	192.60	193.60	1.00	0.21				
			1328087	193.60	195.00	1.40	0.09				
			1328088	195.00	196.00	1.00	0.34				
			1328089	196.00	197.00	1.00	0.36				
			1328091	197.00	198.00	1.00	0.02				
			1328092	198.00	199.00	1.00	0.26				
198.92	207.60	MSS, Muscovite Sericite Schist	1328093	199.00	200.50	1.50	1.51				
		MSS D-Zone? 198.92m-207.60m	1328094	200.50	201.50	1.00	0.54				
		This MSS unit has moderate patchy sericitic alteration and moderate patchy silicification. This unit contains 2% pyrite in fine stringers, 1% disseminated pyrite, trace sphalerite stringers, and trace galena blebs.	1328096	201.50	203.00	1.50	1.04				
			1328095	201.50	203.00	1.50	1.48				
			1328097	203.00	204.50	1.50	0.48				
			1328098	204.50	205.50	1.00	0.05				
			1328099	205.50	206.50	1.00	0.38				
			1328101	206.50	207.60	1.10	1.14				

Hole Number: TL13312

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
207.60	243.19	BMS, Biotite Muscovite Schist	1328102	207.60	209.00	1.40	0.07				
		This BMS unit has weak to very weak patchy sericitic alteration and weak to very strong patchy silicification. This unit contains 1% py in stringers, trace to 1% disseminated pyrite, trace sphalerite in stringers, and trace disseminated galena.	1328103	209.00	210.00	1.00	0.01				
			1328104	210.00	211.00	1.00	0.06				
			1328105	211.00	212.50	1.50	0.25				
			1328106	212.50	214.00	1.50	0.01				
			1328107	214.00	215.50	1.50	0.03				
			1328108	215.50	217.00	1.50	0.10				
			1328109	217.00	218.00	1.00	0.17				
			1328111	218.00	219.00	1.00	1.13				
			1328112	219.00	220.50	1.50	0.36				
			1328113	220.50	222.00	1.50	0.01				
			1328114	222.00	223.50	1.50	0.09				
			1328116	223.50	225.00	1.50	0.07				
			1328115	223.50	225.00	1.50	0.06				
			1328117	225.00	226.50	1.50	0.04				
			1328118	226.50	228.00	1.50	0.11				
			1328119	228.00	229.50	1.50	0.52				
			1328121	229.50	231.00	1.50	0.15				
			1328122	231.00	232.50	1.50	0.04				
			1328123	232.50	234.00	1.50	0.01				
			1328124	234.00	235.50	1.50	0.00				
		1328125	235.50	237.00	1.50	0.01					
		1328126	237.00	238.50	1.50	0.01					
		1328127	238.50	240.00	1.50	0.01					
		1328128	240.00	241.50	1.50	0.02					
		1328129	241.50	243.00	1.50	0.01					

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342443	24.00	25.50	0.0130				
1342444	25.50	27.00	0.0200				
1342445	27.00	28.50	0.0160				
1342446	28.50	30.00	0.0140				
1342447	30.00	31.50	0.0660				
1342448	31.50	33.00	0.1950				
1342449	33.00	34.50	0.0580				
1342451	34.50	36.00	0.1920				
1342452	36.00	37.00	0.3650				
1342453	37.00	38.00	0.5420				
1342454	38.00	39.30	0.0470				
1342455	39.30	40.30	0.0530				

Hole Number: TL13312

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342457	40.30	41.80	0.2560				
1342458	41.80	43.30	0.0200				
1342459	43.30	44.30	0.0310				
1342461	44.30	45.50	0.0520				
1342462	45.50	47.00	0.0370				
1342463	47.00	48.50	0.0190				
1342464	48.50	49.50	0.0630				
1342465	49.50	51.00	0.2630				
1342466	51.00	52.50	0.0120				
1342467	52.50	54.00	0.0270				
1342468	54.00	55.50	0.0150				
1342469	55.50	57.00	0.1080				
1342471	57.00	58.00	0.4760				
1342472	58.00	59.00	0.2470				
1342473	59.00	60.50	0.5030				
1342474	60.50	62.00	0.3100				
1342475	62.00	63.20	0.0170				
1342477	63.20	64.20	0.0270				
1342478	64.20	65.20	0.0150				
1342479	65.20	66.70	0.0210				
1342481	66.70	68.20	0.2810				
1342482	68.20	69.70	0.0700				
1342483	69.70	71.20	0.3380				
1342484	71.20	72.40	0.4230				
1342485	72.40	73.40	0.3610				
1342486	73.40	74.90	0.1820				
1342487	74.90	76.40	0.0840				
1342488	76.40	77.90	0.0230				
1342489	77.90	79.40	0.0160				
1342491	79.40	80.90	0.0160				
1342492	80.90	82.40	0.0810				
1342493	82.40	83.90	0.3950				
1342494	83.90	85.40	0.0700				
1342495	85.40	86.90	0.0450				
1342497	86.90	88.40	0.0260				
1342498	88.40	89.90	0.0190				
1342499	89.90	91.40	0.0460				
1328001	91.40	92.90	0.2280				
1328002	92.90	94.40	0.4480				

Hole Number: TL13312

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328003	94.40	95.90	0.2260				
1328004	95.90	97.40	0.2170				
1328005	97.40	98.90	0.0450				
1328006	98.90	100.40	0.0190				
1328007	100.40	101.90	0.1760				
1328008	101.90	103.40	1.2860				
1328009	103.40	104.90	1.2180				
1328011	104.90	106.40	0.1040				
1328012	106.40	107.90	0.2070				
1328013	107.90	108.90	0.3460				
1328014	108.90	109.90	0.1070				
1328015	109.90	111.30	0.8120				
1328017	111.30	112.80	0.0800				
1328018	112.80	114.50	0.0260				
1328019	114.50	115.80	0.0570				
1328021	115.80	117.30	0.0120				
1328022	117.30	118.80	0.0200				
1328023	118.80	120.30	0.0380				
1328024	120.30	121.80	0.0960				
1328025	121.80	123.30	0.0070				
1328026	123.30	124.80	0.0140				
1328027	124.80	126.30	0.0170				
1328028	126.30	127.80	0.0070				
1328029	127.80	129.30	0.0030				
1328031	129.30	130.80	0.0140				
1328032	130.80	132.30	0.1430				
1328033	132.30	133.80	0.0160				
1328034	133.80	135.30	0.0250				
1328035	135.30	136.80	0.0420				
1328037	136.80	138.30	0.0260				
1328038	138.30	139.80	0.0360				
1328039	139.80	141.30	0.0580				
1328041	141.30	142.80	0.0720				
1328042	142.80	144.30	0.0610				
1328043	144.30	145.80	0.1460				
1328044	145.80	147.30	0.0280				
1328045	147.30	148.80	0.0610				
1328046	148.80	150.30	0.2230				
1328047	150.30	151.80	0.0170				

Hole Number: TL13312

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328048	151.80	153.30	0.0200				
1328049	153.30	154.80	0.0250				
1328051	154.80	156.30	0.0380				
1328052	156.30	157.80	0.0740				
1328053	157.80	159.30	0.0240				
1328054	159.30	160.80	0.0140				
1328055	160.80	162.30	0.0420				
1328057	162.30	163.50	0.0370				
1328058	163.50	165.00	0.0220				
1328059	165.00	166.50	0.5190				
1328061	166.50	168.00	0.0250				
1328062	168.00	169.00	0.7920				
1328063	169.00	170.00	0.9630				
1328064	170.00	171.00	0.1030				
1328065	171.00	172.00	1.0200				
1328066	172.00	173.40	0.2010				
1328067	173.40	174.40	0.4060				
1328068	174.40	175.40	1.3100				
1328069	175.40	176.40	0.6410				
1328071	176.40	177.40	0.4450				
1328072	177.40	178.40	1.3400				
1328073	178.40	179.60	0.4820				
1328074	179.60	180.60	0.3860				
1328075	180.60	182.10	0.0550				
1328077	182.10	183.60	0.1970				
1328078	183.60	185.10	0.0700				
1328079	185.10	186.60	0.1820				
1328081	186.60	188.10	0.5880				
1328082	188.10	189.60	0.0340				
1328083	189.60	190.60	0.0440				
1328084	190.60	191.60	0.0370				
1328085	191.60	192.60	4.0770				
1328086	192.60	193.60	0.2120				
1328087	193.60	195.00	0.0900				
1328088	195.00	196.00	0.3410				
1328089	196.00	197.00	0.3640				
1328091	197.00	198.00	0.0200				
1328092	198.00	199.00	0.2560				
1328093	199.00	200.50	1.5060				

Hole Number: TL13312

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328094	200.50	201.50	0.5370				
1328095	201.50	203.00	1.4830				
1328097	203.00	204.50	0.4810				
1328098	204.50	205.50	0.0500				
1328099	205.50	206.50	0.3790				
1328101	206.50	207.60	1.1350				
1328102	207.60	209.00	0.0730				
1328103	209.00	210.00	0.0130				
1328104	210.00	211.00	0.0620				
1328105	211.00	212.50	0.2500				
1328106	212.50	214.00	0.0100				
1328107	214.00	215.50	0.0280				
1328108	215.50	217.00	0.0960				
1328109	217.00	218.00	0.1650				
1328111	218.00	219.00	1.1330				
1328112	219.00	220.50	0.3580				
1328113	220.50	222.00	0.0130				
1328114	222.00	223.50	0.0940				
1328115	223.50	225.00	0.0620				
1328117	225.00	226.50	0.0410				
1328118	226.50	228.00	0.1080				
1328119	228.00	229.50	0.5230				
1328121	229.50	231.00	0.1490				
1328122	231.00	232.50	0.0390				
1328123	232.50	234.00	0.0060				
1328124	234.00	235.50	0.0040				
1328125	235.50	237.00	0.0060				
1328126	237.00	238.50	0.0070				
1328127	238.50	240.00	0.0100				
1328128	240.00	241.50	0.0190				
1328129	241.50	243.00	0.0140				
Sample Type	CDUP						
1342456	39.30	40.30	0.0900				
1342476	62.00	63.20	0.0280				
1342496	85.40	86.90	0.0300				
1328016	109.90	111.30	0.6870				
1328036	135.30	136.80	0.0230				
1328056	160.80	162.30	0.0160				
1328076	180.60	182.10	0.0760				

Hole Number: TL13312

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1328096	201.50	203.00	1.0440				
1328116	223.50	225.00	0.0720				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13312	24.0	25.5	1342443	0.50	3.42	8.00	402.00	1.00	0.50	0.55	2.00	4.00	32.00	17.00	1.22	0.13	17.00	1.05	1269.00
TL13312	25.5	27.0	1342444	1.00	3.70	21.00	458.00	1.00	6.00	0.45	2.00	4.00	42.00	10.00	1.15	0.22	17.00	0.89	1223.00
TL13312	27.0	28.5	1342445	0.50	1.42	23.00	205.00	1.00	0.50	0.01	2.00	3.00	22.00	5.00	1.03	0.25	7.00	1.09	977.00
TL13312	28.5	30.0	1342446	0.50	3.04	13.00	367.00	1.00	0.50	0.21	2.00	3.00	35.00	8.00	1.05	0.31	11.00	0.85	881.00
TL13312	30.0	31.5	1342447	1.00	5.50	31.00	482.00	1.00	14.00	0.23	2.00	3.00	47.00	9.00	1.18	0.01	19.00	0.67	525.00
TL13312	31.5	33.0	1342448	0.50	4.49	6.00	333.00	1.00	0.50	0.47	2.00	17.00	129.00	45.00	2.80	0.01	20.00	1.12	566.00
TL13312	33.0	34.5	1342449	0.50	3.99	3.00	318.00	1.00	0.50	0.41	2.00	17.00	138.00	44.00	3.42	0.01	21.00	1.50	747.00
TL13312	34.5	36.0	1342451	2.00	3.42	28.00	287.00	1.00	0.50	0.27	2.00	19.00	168.00	123.00	3.07	0.01	17.00	1.16	650.00
TL13312	36.0	37.0	1342452	2.00	3.97	12.00	235.00	2.00	0.50	0.86	2.00	19.00	172.00	62.00	3.52	0.01	15.00	1.49	940.00
TL13312	37.0	38.0	1342453	1.00	5.08	5.00	434.00	1.00	18.00	0.77	2.00	19.00	128.00	40.00	3.50	0.09	22.00	1.66	958.00
TL13312	38.0	39.3	1342454	1.00	3.90	12.00	286.00	1.00	0.50	0.62	2.00	10.00	54.00	40.00	2.22	0.11	15.00	1.43	848.00
TL13312	39.3	40.3	1342456	1.00	3.71	30.00	302.00	1.00	3.00	0.52	2.00	8.00	28.00	13.00	2.02	0.20	12.00	0.83	508.00
TL13312	39.3	40.3	1342455	1.00	4.46	23.00	351.00	1.00	0.50	0.67	2.00	8.00	50.00	14.00	2.01	0.18	13.00	0.88	572.00
TL13312	40.3	41.8	1342457	1.00	4.67	17.00	364.00	1.00	0.50	1.28	2.00	8.00	20.00	38.00	1.91	0.28	15.00	1.00	540.00
TL13312	41.8	43.3	1342458	1.00	5.45	16.00	411.00	1.00	5.00	1.07	2.00	7.00	21.00	6.00	1.93	0.01	15.00	1.02	435.00
TL13312	43.3	44.3	1342459	0.50	3.93	17.00	179.00	1.00	15.00	1.03	2.00	8.00	50.00	17.00	2.00	0.01	14.00	1.17	680.00
TL13312	44.3	45.5	1342461	1.00	5.19	29.00	341.00	1.00	24.00	0.66	2.00	9.00	37.00	6.00	1.05	0.01	18.00	0.72	343.00
TL13312	45.5	47.0	1342462	0.50	4.20	24.00	235.00	1.00	1.00	0.88	2.00	9.00	19.00	11.00	0.95	0.01	18.00	0.97	423.00
TL13312	47.0	48.5	1342463	0.50	3.32	19.00	179.00	1.00	3.00	0.68	2.00	8.00	30.00	3.00	0.87	0.22	10.00	0.92	441.00
TL13312	48.5	49.5	1342464	1.00	5.11	11.00	339.00	1.00	0.50	0.88	2.00	7.00	39.00	8.00	0.98	0.25	13.00	0.80	483.00
TL13312	49.5	51.0	1342465	6.00	1.58	36.00	137.00	1.00	0.50	0.01	2.00	6.00	29.00	71.00	1.18	0.13	0.50	0.35	164.00
TL13312	51.0	52.5	1342466	1.00	5.76	6.00	456.00	1.00	13.00	2.01	2.00	5.00	28.00	8.00	1.34	0.26	13.00	1.20	508.00
TL13312	52.5	54.0	1342467	0.50	4.04	14.00	336.00	1.00	0.50	1.72	2.00	6.00	22.00	10.00	1.52	0.18	8.00	1.14	599.00
TL13312	54.0	55.5	1342468	2.00	6.03	11.00	486.00	1.00	29.00	2.12	2.00	6.00	26.00	16.00	1.69	0.19	16.00	1.17	610.00
TL13312	55.5	57.0	1342469	0.50	4.92	22.00	371.00	1.00	10.00	1.36	2.00	6.00	24.00	9.00	1.49	0.01	13.00	0.90	587.00
TL13312	57.0	58.0	1342471	3.00	2.23	38.00	242.00	1.00	17.00	0.19	2.00	6.00	41.00	18.00	1.86	0.01	6.00	0.68	466.00
TL13312	58.0	59.0	1342472	2.00	4.29	40.00	582.00	1.00	3.00	0.58	2.00	6.00	37.00	17.00	1.44	0.01	10.00	0.55	359.00
TL13312	59.0	60.5	1342473	3.00	4.77	27.00	452.00	1.00	12.00	0.89	2.00	5.00	32.00	19.00	1.78	0.10	11.00	0.74	521.00
TL13312	60.5	62.0	1342474	1.00	2.02	36.00	333.00	1.00	9.00	0.08	2.00	6.00	40.00	51.00	1.81	0.10	7.00	0.68	448.00
TL13312	62.0	63.2	1342475	0.50	3.59	9.00	376.00	1.00	0.50	0.56	2.00	6.00	27.00	28.00	1.60	0.30	13.00	0.77	589.00
TL13312	62.0	63.2	1342476	0.50	3.55	16.00	355.00	1.00	17.00	0.54	2.00	6.00	24.00	28.00	1.54	0.35	13.00	0.76	568.00
TL13312	63.2	64.2	1342477	0.50	2.46	22.00	291.00	1.00	7.00	0.27	2.00	5.00	30.00	9.00	1.22	0.28	11.00	0.71	564.00
TL13312	64.2	65.2	1342478	0.50	2.05	21.00	239.00	1.00	2.00	0.09	2.00	8.00	25.00	6.00	1.00	0.20	11.00	0.69	487.00
TL13312	65.2	66.7	1342479	0.50	1.16	11.00	159.00	1.00	0.50	0.28	2.00	7.00	40.00	15.00	1.18	0.14	9.00	0.61	434.00
TL13312	66.7	68.2	1342481	3.00	9.06	15.00	652.00	1.00	8.00	2.09	2.00	6.00	60.00	17.00	0.98	0.01	31.00	0.49	365.00
TL13312	68.2	69.7	1342482	4.00	10.39	24.00	791.00	2.00	6.00	2.20	2.00	12.00	44.00	51.00	1.58	0.12	36.00	0.60	505.00
TL13312	69.7	71.2	1342483	2.00	4.69	28.00	297.00	1.00	19.00	0.64	2.00	12.00	29.00	32.00	1.69	0.01	16.00	0.68	526.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13312	24.0	25.5	1342443	4.00	50.00	302.00	66.00	0.35	2.50	11.00	5.00	106.00	992.00	14.00	19.00	5.00	2.00	178.00
TL13312	25.5	27.0	1342444	5.00	66.00	265.00	41.00	0.46	2.50	20.00	5.00	85.00	991.00	4.00	18.00	5.00	1.00	91.00
TL13312	27.0	28.5	1342445	0.50	35.00	221.00	38.00	0.53	2.50	8.00	5.00	38.00	729.00	27.00	11.00	5.00	1.00	104.00
TL13312	28.5	30.0	1342446	4.00	59.00	229.00	65.00	0.61	2.50	10.00	5.00	72.00	873.00	1.00	15.00	5.00	1.00	87.00
TL13312	30.0	31.5	1342447	7.00	73.00	231.00	231.00	0.75	2.50	15.00	5.00	94.00	924.00	29.00	17.00	5.00	1.00	372.00
TL13312	31.5	33.0	1342448	3.00	84.00	441.00	36.00	0.76	2.50	7.00	5.00	100.00	1589.00	6.00	61.00	5.00	6.00	93.00
TL13312	33.0	34.5	1342449	4.00	99.00	459.00	41.00	0.63	2.50	10.00	5.00	102.00	1652.00	1.00	68.00	5.00	7.00	62.00
TL13312	34.5	36.0	1342451	8.00	137.00	451.00	148.00	1.04	2.50	6.00	5.00	97.00	1450.00	12.00	70.00	5.00	7.00	227.00
TL13312	36.0	37.0	1342452	4.00	104.00	494.00	52.00	1.14	5.00	2.50	5.00	135.00	1564.00	1.00	71.00	5.00	10.00	85.00
TL13312	37.0	38.0	1342453	2.00	85.00	505.00	46.00	1.12	2.50	22.00	5.00	110.00	1875.00	10.00	67.00	5.00	7.00	84.00
TL13312	38.0	39.3	1342454	2.00	55.00	414.00	320.00	1.00	2.50	2.50	5.00	83.00	1307.00	1.00	37.00	5.00	4.00	627.00
TL13312	39.3	40.3	1342456	2.00	45.00	436.00	139.00	1.80	2.50	8.00	5.00	71.00	1294.00	1.00	27.00	5.00	3.00	251.00
TL13312	39.3	40.3	1342455	6.00	80.00	449.00	136.00	1.43	2.50	2.50	5.00	85.00	1403.00	1.00	30.00	5.00	3.00	319.00
TL13312	40.3	41.8	1342457	0.50	30.00	423.00	165.00	1.14	2.50	10.00	5.00	103.00	1431.00	1.00	27.00	5.00	3.00	302.00
TL13312	41.8	43.3	1342458	0.50	32.00	461.00	21.00	1.70	2.50	20.00	5.00	94.00	1377.00	1.00	29.00	5.00	3.00	50.00
TL13312	43.3	44.3	1342459	4.00	75.00	553.00	28.00	1.35	2.50	16.00	5.00	67.00	1562.00	9.00	33.00	5.00	3.00	76.00
TL13312	44.3	45.5	1342461	5.00	67.00	690.00	28.00	0.74	5.00	13.00	5.00	67.00	1565.00	1.00	28.00	5.00	2.00	24.00
TL13312	45.5	47.0	1342462	1.00	36.00	642.00	22.00	0.56	2.50	5.00	5.00	60.00	1675.00	1.00	36.00	5.00	3.00	19.00
TL13312	47.0	48.5	1342463	4.00	60.00	603.00	29.00	0.39	2.50	21.00	5.00	62.00	1493.00	1.00	39.00	5.00	3.00	25.00
TL13312	48.5	49.5	1342464	7.00	70.00	560.00	32.00	0.58	2.50	16.00	5.00	76.00	1542.00	1.00	44.00	5.00	3.00	61.00
TL13312	49.5	51.0	1342465	5.00	59.00	434.00	669.00	1.35	2.50	2.50	5.00	29.00	1018.00	1.00	33.00	5.00	2.00	499.00
TL13312	51.0	52.5	1342466	5.00	48.00	666.00	54.00	0.58	2.50	11.00	5.00	118.00	1751.00	11.00	43.00	5.00	4.00	52.00
TL13312	52.5	54.0	1342467	1.00	40.00	533.00	40.00	0.46	2.50	8.00	5.00	116.00	1430.00	1.00	33.00	5.00	3.00	71.00
TL13312	54.0	55.5	1342468	3.00	41.00	588.00	30.00	0.39	2.50	14.00	5.00	135.00	1648.00	1.00	38.00	5.00	3.00	52.00
TL13312	55.5	57.0	1342469	2.00	43.00	572.00	38.00	0.82	2.50	20.00	5.00	87.00	1604.00	6.00	38.00	5.00	3.00	65.00
TL13312	57.0	58.0	1342471	10.00	69.00	492.00	452.00	1.98	2.50	8.00	5.00	45.00	1289.00	1.00	41.00	5.00	3.00	770.00
TL13312	58.0	59.0	1342472	9.00	61.00	456.00	180.00	1.47	2.50	12.00	5.00	73.00	1396.00	1.00	41.00	5.00	2.00	451.00
TL13312	59.0	60.5	1342473	4.00	47.00	495.00	595.00	1.74	2.50	9.00	5.00	99.00	1533.00	1.00	38.00	5.00	2.00	548.00
TL13312	60.5	62.0	1342474	7.00	71.00	437.00	236.00	1.57	2.50	6.00	5.00	54.00	1349.00	1.00	44.00	5.00	2.00	238.00
TL13312	62.0	63.2	1342475	4.00	52.00	500.00	36.00	0.65	2.50	11.00	5.00	86.00	1676.00	1.00	43.00	5.00	3.00	74.00
TL13312	62.0	63.2	1342476	3.00	42.00	477.00	34.00	0.68	2.50	11.00	5.00	82.00	1622.00	1.00	41.00	5.00	3.00	69.00
TL13312	63.2	64.2	1342477	4.00	54.00	489.00	20.00	0.70	2.50	7.00	5.00	63.00	1364.00	1.00	41.00	5.00	3.00	34.00
TL13312	64.2	65.2	1342478	3.00	49.00	505.00	19.00	0.61	2.50	6.00	5.00	55.00	1235.00	1.00	37.00	5.00	3.00	31.00
TL13312	65.2	66.7	1342479	7.00	66.00	450.00	56.00	0.81	2.50	9.00	5.00	47.00	922.00	1.00	39.00	5.00	3.00	95.00
TL13312	66.7	68.2	1342481	9.00	57.00	424.00	52.00	0.65	2.50	16.00	5.00	181.00	1308.00	1.00	43.00	5.00	1.00	37.00
TL13312	68.2	69.7	1342482	7.00	49.00	662.00	42.00	1.47	2.50	8.00	5.00	219.00	1754.00	3.00	46.00	5.00	2.00	34.00
TL13312	69.7	71.2	1342483	4.00	50.00	395.00	61.00	1.64	2.50	14.00	5.00	117.00	1367.00	1.00	42.00	5.00	2.00	75.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13312	71.2	72.4	1342484	2.00	5.02	33.00	373.00	1.00	2.00	0.41	2.00	10.00	27.00	91.00	1.85	0.11	17.00	0.49	804.00
TL13312	72.4	73.4	1342485	2.00	1.94	30.00	230.00	1.00	0.50	0.01	2.00	15.00	39.00	41.00	1.06	0.02	10.00	0.45	287.00
TL13312	73.4	74.9	1342486	1.00	3.85	10.00	300.00	1.00	9.00	0.61	2.00	8.00	53.00	17.00	1.41	0.01	15.00	0.62	466.00
TL13312	74.9	76.4	1342487	0.50	1.12	9.00	122.00	1.00	7.00	0.01	2.00	9.00	38.00	19.00	1.98	0.01	9.00	0.93	774.00
TL13312	76.4	77.9	1342488	1.00	4.95	10.00	330.00	1.00	12.00	0.78	2.00	6.00	33.00	12.00	1.31	0.01	16.00	0.65	452.00
TL13312	77.9	79.4	1342489	2.00	4.96	21.00	311.00	1.00	17.00	1.01	2.00	10.00	40.00	20.00	1.85	0.01	19.00	0.76	601.00
TL13312	79.4	80.9	1342491	2.00	4.99	8.00	318.00	1.00	3.00	1.02	2.00	8.00	44.00	15.00	1.97	0.20	19.00	0.76	626.00
TL13312	80.9	82.4	1342492	2.00	3.77	22.00	276.00	1.00	2.00	0.45	2.00	8.00	32.00	16.00	1.59	0.20	15.00	0.79	710.00
TL13312	82.4	83.9	1342493	2.00	6.42	34.00	401.00	1.00	3.00	0.87	2.00	8.00	30.00	13.00	1.14	0.28	19.00	0.58	488.00
TL13312	83.9	85.4	1342494	3.00	8.71	33.00	611.00	1.00	0.50	1.35	2.00	10.00	42.00	12.00	1.38	0.36	32.00	0.60	425.00
TL13312	85.4	86.9	1342495	2.00	3.99	24.00	290.00	1.00	19.00	0.39	2.00	11.00	38.00	22.00	1.30	0.01	21.00	0.69	575.00
TL13312	85.4	86.9	1342496	2.00	3.41	23.00	300.00	1.00	7.00	0.15	2.00	10.00	39.00	20.00	1.28	0.01	20.00	0.60	482.00
TL13312	86.9	88.4	1342497	0.50	2.33	22.00	192.00	1.00	21.00	0.04	2.00	7.00	27.00	5.00	1.33	0.01	17.00	0.64	470.00
TL13312	88.4	89.9	1342498	1.00	2.58	4.00	163.00	1.00	7.00	0.33	2.00	4.00	30.00	7.00	1.41	0.01	12.00	0.60	551.00
TL13312	89.9	91.4	1342499	1.00	3.08	11.00	146.00	1.00	23.00	0.33	2.00	4.00	30.00	5.00	1.11	0.01	17.00	0.67	567.00
TL13312	91.4	92.9	1328001	31.00	4.17	20.00	198.00	1.00	1.00	0.72	2.00	6.00	28.00	30.00	1.18	0.04	16.00	1.20	898.00
TL13312	92.9	94.4	1328002	23.00	2.39	20.00	112.00	1.00	17.00	0.01	2.00	4.00	30.00	18.00	1.15	0.01	10.00	1.11	697.00
TL13312	94.4	95.9	1328003	2.00	2.99	10.00	156.00	1.00	2.00	0.24	2.00	5.00	39.00	11.00	1.41	0.24	12.00	1.12	825.00
TL13312	95.9	97.4	1328004	4.00	4.45	31.00	229.00	1.00	3.00	0.67	2.00	7.00	33.00	14.00	1.45	0.21	17.00	0.87	620.00
TL13312	97.4	98.9	1328005	1.00	4.11	11.00	227.00	1.00	4.00	0.67	2.00	5.00	21.00	13.00	1.02	0.31	17.00	0.85	538.00
TL13312	98.9	100.4	1328006	2.00	5.31	10.00	299.00	1.00	8.00	0.94	2.00	3.00	37.00	6.00	0.86	0.01	21.00	0.76	403.00
TL13312	100.4	101.9	1328007	1.00	3.36	23.00	173.00	1.00	0.50	0.28	2.00	5.00	47.00	15.00	1.12	0.01	13.00	0.65	348.00
TL13312	101.9	103.4	1328008	4.00	3.31	39.00	127.00	1.00	0.50	0.33	2.00	7.00	41.00	34.00	1.03	0.01	7.00	0.60	389.00
TL13312	103.4	104.9	1328009	5.00	4.88	38.00	197.00	2.00	17.00	1.05	2.00	7.00	43.00	47.00	1.65	0.01	12.00	1.16	650.00
TL13312	104.9	106.4	1328011	1.00	3.93	27.00	183.00	1.00	0.50	0.86	2.00	9.00	34.00	14.00	1.55	0.01	9.00	1.04	695.00
TL13312	106.4	107.9	1328012	1.00	4.82	28.00	248.00	1.00	11.00	0.76	2.00	7.00	37.00	11.00	1.52	0.30	10.00	0.89	607.00
TL13312	107.9	108.9	1328013	4.00	2.75	24.00	105.00	1.00	7.00	0.01	2.00	4.00	29.00	20.00	1.01	0.30	2.00	0.49	285.00
TL13312	108.9	109.9	1328014	2.00	4.85	29.00	225.00	1.00	14.00	0.80	2.00	7.00	32.00	11.00	1.30	0.20	13.00	0.97	758.00
TL13312	109.9	111.3	1328015	28.00	3.72	63.00	167.00	1.00	0.50	0.25	4.00	7.00	27.00	75.00	1.79	0.29	7.00	0.52	347.00
TL13312	109.9	111.3	1328016	36.00	1.37	61.00	20.00	1.00	3.00	0.01	6.00	7.00	26.00	82.00	1.91	0.30	1.00	0.49	370.00
TL13312	111.3	112.8	1328017	3.00	2.23	27.00	60.00	1.00	10.00	0.27	2.00	6.00	24.00	10.00	1.33	0.01	7.00	0.89	641.00
TL13312	112.8	114.5	1328018	2.00	3.90	6.00	136.00	1.00	0.50	0.73	2.00	5.00	19.00	9.00	1.41	0.01	14.00	0.98	618.00
TL13312	114.5	115.8	1328019	6.00	4.97	25.00	218.00	1.00	9.00	1.10	2.00	7.00	26.00	40.00	1.55	0.01	14.00	0.79	455.00
TL13312	115.8	117.3	1328021	1.00	5.33	8.00	172.00	1.00	0.50	1.61	2.00	6.00	41.00	7.00	1.61	0.01	13.00	0.93	494.00
TL13312	117.3	118.8	1328022	1.00	6.10	12.00	206.00	1.00	6.00	1.88	2.00	5.00	33.00	7.00	1.42	0.01	15.00	1.15	611.00
TL13312	118.8	120.3	1328023	2.00	5.71	8.00	161.00	1.00	1.00	1.58	2.00	5.00	26.00	5.00	1.43	0.19	11.00	1.56	719.00
TL13312	120.3	121.8	1328024	2.00	5.26	8.00	147.00	1.00	9.00	0.91	2.00	6.00	31.00	3.00	1.39	0.11	10.00	1.71	623.00
TL13312	121.8	123.3	1328025	1.00	4.44	1.00	90.00	1.00	10.00	0.84	2.00	5.00	18.00	3.00	1.46	0.09	7.00	1.79	638.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13312	71.2	72.4	1342484	4.00	49.00	465.00	65.00	2.19	2.50	13.00	5.00	117.00	1355.00	1.00	39.00	5.00	3.00	84.00
TL13312	72.4	73.4	1342485	7.00	78.00	413.00	31.00	0.92	2.50	2.50	5.00	51.00	1179.00	1.00	45.00	5.00	2.00	188.00
TL13312	73.4	74.9	1342486	8.00	70.00	472.00	27.00	0.98	2.50	11.00	5.00	114.00	1344.00	14.00	48.00	5.00	3.00	68.00
TL13312	74.9	76.4	1342487	2.00	44.00	403.00	16.00	0.79	2.50	2.50	5.00	52.00	1600.00	2.00	43.00	5.00	4.00	60.00
TL13312	76.4	77.9	1342488	4.00	47.00	415.00	20.00	0.59	2.50	18.00	5.00	112.00	1639.00	1.00	43.00	5.00	3.00	59.00
TL13312	77.9	79.4	1342489	5.00	61.00	418.00	19.00	1.05	2.50	2.50	5.00	122.00	1745.00	1.00	49.00	5.00	4.00	61.00
TL13312	79.4	80.9	1342491	5.00	58.00	453.00	13.00	0.92	2.50	14.00	5.00	127.00	1815.00	6.00	50.00	5.00	4.00	32.00
TL13312	80.9	82.4	1342492	3.00	43.00	455.00	21.00	1.04	2.50	2.50	5.00	98.00	1645.00	1.00	43.00	5.00	3.00	55.00
TL13312	82.4	83.9	1342493	4.00	42.00	445.00	49.00	0.91	2.50	17.00	5.00	150.00	1490.00	12.00	42.00	5.00	2.00	58.00
TL13312	83.9	85.4	1342494	6.00	47.00	488.00	68.00	1.39	2.50	2.50	5.00	175.00	1879.00	1.00	48.00	5.00	3.00	106.00
TL13312	85.4	86.9	1342495	5.00	52.00	670.00	35.00	0.81	5.00	6.00	5.00	97.00	1583.00	6.00	48.00	5.00	4.00	144.00
TL13312	85.4	86.9	1342496	4.00	51.00	543.00	35.00	0.85	2.50	10.00	5.00	72.00	1640.00	1.00	48.00	5.00	3.00	78.00
TL13312	86.9	88.4	1342497	3.00	38.00	425.00	16.00	1.24	2.50	8.00	15.00	58.00	1488.00	1.00	41.00	5.00	3.00	40.00
TL13312	88.4	89.9	1342498	4.00	49.00	369.00	13.00	0.90	2.50	2.50	5.00	76.00	1298.00	1.00	40.00	5.00	2.00	31.00
TL13312	89.9	91.4	1342499	5.00	50.00	363.00	16.00	0.34	2.50	2.50	5.00	77.00	1464.00	1.00	39.00	5.00	2.00	21.00
TL13312	91.4	92.9	1328001	1.00	36.00	398.00	218.00	0.53	2.50	14.00	5.00	105.00	1462.00	1.00	40.00	5.00	3.00	319.00
TL13312	92.9	94.4	1328002	2.00	40.00	420.00	81.00	0.49	2.50	12.00	5.00	53.00	1188.00	2.00	39.00	5.00	3.00	143.00
TL13312	94.4	95.9	1328003	4.00	52.00	424.00	28.00	0.65	2.50	9.00	5.00	68.00	1434.00	1.00	44.00	5.00	3.00	68.00
TL13312	95.9	97.4	1328004	2.00	36.00	399.00	31.00	1.02	6.00	8.00	5.00	97.00	1725.00	1.00	41.00	5.00	3.00	40.00
TL13312	97.4	98.9	1328005	0.50	35.00	380.00	24.00	0.37	2.50	18.00	5.00	92.00	1469.00	18.00	35.00	5.00	3.00	32.00
TL13312	98.9	100.4	1328006	6.00	40.00	352.00	30.00	0.24	5.00	11.00	5.00	97.00	1462.00	1.00	38.00	5.00	1.00	33.00
TL13312	100.4	101.9	1328007	7.00	68.00	325.00	128.00	0.75	2.50	9.00	5.00	60.00	1328.00	1.00	44.00	5.00	2.00	416.00
TL13312	101.9	103.4	1328008	4.00	44.00	287.00	229.00	1.17	2.50	10.00	5.00	55.00	1036.00	1.00	30.00	5.00	1.00	663.00
TL13312	103.4	104.9	1328009	7.00	68.00	470.00	76.00	1.25	2.50	7.00	5.00	87.00	1741.00	1.00	47.00	5.00	3.00	241.00
TL13312	104.9	106.4	1328011	3.00	51.00	410.00	33.00	1.11	2.50	15.00	5.00	85.00	1595.00	1.00	41.00	5.00	3.00	40.00
TL13312	106.4	107.9	1328012	5.00	57.00	396.00	40.00	1.61	5.00	2.50	5.00	84.00	1514.00	1.00	42.00	5.00	3.00	49.00
TL13312	107.9	108.9	1328013	4.00	50.00	308.00	106.00	1.09	2.50	11.00	5.00	46.00	1070.00	1.00	32.00	5.00	2.00	145.00
TL13312	108.9	109.9	1328014	4.00	50.00	341.00	47.00	1.33	2.50	21.00	5.00	89.00	1330.00	44.00	37.00	5.00	3.00	45.00
TL13312	109.9	111.3	1328015	3.00	35.00	289.00	456.00	2.41	11.00	17.00	5.00	65.00	1217.00	2.00	32.00	12.00	2.00	1762.00
TL13312	109.9	111.3	1328016	3.00	38.00	277.00	890.00	2.70	12.00	7.00	5.00	39.00	938.00	1.00	28.00	23.00	3.00	2328.00
TL13312	111.3	112.8	1328017	1.00	39.00	345.00	59.00	0.77	2.50	10.00	5.00	58.00	1283.00	1.00	31.00	5.00	2.00	150.00
TL13312	112.8	114.5	1328018	0.50	27.00	383.00	26.00	0.41	2.50	7.00	5.00	85.00	1559.00	1.00	32.00	5.00	2.00	56.00
TL13312	114.5	115.8	1328019	1.00	34.00	376.00	332.00	1.15	2.50	9.00	5.00	115.00	1607.00	1.00	37.00	5.00	3.00	233.00
TL13312	115.8	117.3	1328021	5.00	61.00	362.00	19.00	0.41	5.00	12.00	5.00	125.00	1460.00	12.00	43.00	5.00	3.00	30.00
TL13312	117.3	118.8	1328022	2.00	43.00	383.00	11.00	0.37	2.50	5.00	5.00	108.00	1525.00	4.00	39.00	5.00	3.00	27.00
TL13312	118.8	120.3	1328023	2.00	40.00	390.00	20.00	0.32	2.50	14.00	5.00	110.00	1375.00	16.00	35.00	5.00	3.00	41.00
TL13312	120.3	121.8	1328024	4.00	51.00	354.00	16.00	0.22	2.50	8.00	5.00	88.00	1322.00	1.00	39.00	5.00	2.00	43.00
TL13312	121.8	123.3	1328025	0.50	28.00	342.00	12.00	0.22	2.50	2.50	5.00	79.00	1318.00	19.00	29.00	5.00	2.00	44.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13312	123.3	124.8	1328026	2.00	6.94	8.00	260.00	1.00	4.00	1.44	2.00	5.00	31.00	5.00	1.82	0.01	15.00	1.80	710.00
TL13312	124.8	126.3	1328027	2.00	7.58	10.00	319.00	2.00	9.00	1.96	2.00	6.00	27.00	12.00	1.75	0.32	21.00	1.90	793.00
TL13312	126.3	127.8	1328028	0.50	6.43	2.00	200.00	1.00	18.00	1.57	2.00	5.00	21.00	3.00	1.69	0.01	16.00	1.73	733.00
TL13312	127.8	129.3	1328029	0.50	4.90	12.00	90.00	1.00	7.00	1.28	2.00	4.00	17.00	2.00	1.48	0.01	13.00	1.37	637.00
TL13312	129.3	130.8	1328031	0.50	4.05	4.00	41.00	1.00	12.00	1.98	2.00	5.00	23.00	5.00	1.49	0.01	8.00	1.21	929.00
TL13312	130.8	132.3	1328032	0.50	5.18	27.00	146.00	1.00	0.50	1.53	2.00	4.00	23.00	10.00	1.66	0.01	14.00	1.03	675.00
TL13312	132.3	133.8	1328033	1.00	5.94	33.00	201.00	1.00	16.00	2.36	2.00	5.00	32.00	9.00	1.75	0.19	15.00	1.37	838.00
TL13312	133.8	135.3	1328034	1.00	4.72	34.00	181.00	1.00	6.00	1.57	2.00	21.00	141.00	52.00	3.47	0.27	12.00	1.40	669.00
TL13312	135.3	136.8	1328036	0.50	4.80	11.00	310.00	1.00	11.00	1.72	2.00	19.00	90.00	25.00	3.19	0.20	12.00	1.28	621.00
TL13312	135.3	136.8	1328035	1.00	6.19	8.00	480.00	1.00	15.00	2.20	2.00	21.00	89.00	25.00	3.16	0.21	16.00	1.29	628.00
TL13312	136.8	138.3	1328037	1.00	4.79	7.00	344.00	1.00	0.50	1.20	2.00	6.00	30.00	18.00	1.70	0.22	13.00	0.90	522.00
TL13312	138.3	139.8	1328038	0.50	4.57	15.00	310.00	1.00	3.00	1.19	2.00	7.00	21.00	11.00	2.12	0.24	11.00	1.04	613.00
TL13312	139.8	141.3	1328039	3.00	8.71	41.00	832.00	1.00	22.00	3.22	2.00	9.00	55.00	24.00	2.51	0.01	35.00	1.37	991.00
TL13312	141.3	142.8	1328041	2.00	7.08	34.00	528.00	2.00	0.50	1.71	2.00	8.00	28.00	12.00	2.11	0.01	22.00	1.04	676.00
TL13312	142.8	144.3	1328042	2.00	7.36	23.00	535.00	1.00	18.00	3.27	2.00	8.00	24.00	58.00	2.50	0.01	23.00	1.80	1165.00
TL13312	144.3	145.8	1328043	4.00	6.00	64.00	438.00	1.00	0.50	1.79	2.00	8.00	26.00	77.00	2.20	0.01	17.00	1.22	782.00
TL13312	145.8	147.3	1328044	1.00	6.39	34.00	349.00	1.00	5.00	2.69	2.00	8.00	23.00	13.00	1.98	0.01	18.00	1.65	1077.00
TL13312	147.3	148.8	1328045	2.00	7.30	39.00	482.00	1.00	9.00	3.17	2.00	10.00	62.00	33.00	2.35	0.01	20.00	1.67	970.00
TL13312	148.8	150.3	1328046	2.00	5.81	29.00	402.00	1.00	6.00	2.38	2.00	11.00	75.00	35.00	2.45	0.01	17.00	1.64	876.00
TL13312	150.3	151.8	1328047	2.00	5.90	12.00	507.00	1.00	0.50	1.98	2.00	6.00	27.00	13.00	1.59	0.01	21.00	1.62	659.00
TL13312	151.8	153.3	1328048	2.00	6.28	18.00	608.00	1.00	4.00	1.51	2.00	5.00	24.00	6.00	1.36	0.01	21.00	1.06	445.00
TL13312	153.3	154.8	1328049	1.00	5.71	17.00	510.00	1.00	16.00	1.77	2.00	5.00	24.00	5.00	1.32	0.01	19.00	1.16	570.00
TL13312	154.8	156.3	1328051	2.00	7.09	27.00	597.00	1.00	13.00	2.23	2.00	6.00	41.00	8.00	1.60	0.28	23.00	1.29	692.00
TL13312	156.3	157.8	1328052	2.00	6.91	20.00	555.00	1.00	0.50	2.89	2.00	5.00	33.00	13.00	1.62	0.19	19.00	1.63	885.00
TL13312	157.8	159.3	1328053	3.00	8.65	14.00	770.00	1.00	7.00	2.90	2.00	5.00	37.00	20.00	1.34	0.31	28.00	1.18	496.00
TL13312	159.3	160.8	1328054	0.50	5.13	16.00	390.00	1.00	0.50	1.85	2.00	5.00	23.00	11.00	1.32	0.01	13.00	1.21	444.00
TL13312	160.8	162.3	1328056	0.50	4.41	20.00	216.00	1.00	9.00	1.72	2.00	6.00	23.00	11.00	1.34	0.01	12.00	1.21	461.00
TL13312	160.8	162.3	1328055	1.00	5.62	11.00	330.00	1.00	5.00	2.01	2.00	6.00	24.00	10.00	1.40	0.01	16.00	1.24	472.00
TL13312	162.3	163.5	1328057	0.50	5.08	18.00	364.00	1.00	14.00	1.84	2.00	5.00	34.00	16.00	1.71	0.01	15.00	1.51	600.00
TL13312	163.5	165.0	1328058	1.00	4.86	15.00	418.00	1.00	5.00	1.13	2.00	6.00	26.00	29.00	1.50	0.01	17.00	1.63	537.00
TL13312	165.0	166.5	1328059	0.50	5.31	34.00	505.00	1.00	2.00	1.37	2.00	5.00	20.00	22.00	1.30	0.01	17.00	1.31	438.00
TL13312	166.5	168.0	1328061	1.00	5.56	14.00	755.00	1.00	0.50	2.07	2.00	5.00	25.00	11.00	1.71	0.27	22.00	2.21	773.00
TL13312	168.0	169.0	1328062	1.00	4.26	35.00	407.00	1.00	0.50	1.39	2.00	6.00	39.00	44.00	2.12	0.32	19.00	1.78	690.00
TL13312	169.0	170.0	1328063	16.00	5.62	60.00	541.00	1.00	14.00	1.39	13.00	6.00	32.00	673.00	2.34	0.50	22.00	1.66	604.00
TL13312	170.0	171.0	1328064	1.00	3.78	28.00	378.00	1.00	2.00	2.02	2.00	10.00	72.00	69.00	2.42	0.24	12.00	1.69	742.00
TL13312	171.0	172.0	1328065	5.00	7.31	81.00	326.00	1.00	0.50	1.57	17.00	14.00	114.00	259.00	3.64	0.33	26.00	1.44	470.00
TL13312	172.0	173.4	1328066	2.00	5.62	53.00	300.00	1.00	15.00	0.45	2.00	19.00	124.00	65.00	3.85	0.01	23.00	2.43	448.00
TL13312	173.4	174.4	1328067	5.00	4.19	77.00	153.00	1.00	3.00	0.53	6.00	19.00	146.00	161.00	4.15	0.01	16.00	2.39	501.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13312	123.3	124.8	1328026	3.00	47.00	417.00	18.00	0.46	2.50	16.00	5.00	105.00	1591.00	1.00	39.00	5.00	3.00	43.00
TL13312	124.8	126.3	1328027	2.00	37.00	371.00	23.00	0.44	2.50	20.00	5.00	124.00	1553.00	6.00	29.00	5.00	2.00	37.00
TL13312	126.3	127.8	1328028	2.00	36.00	387.00	16.00	0.36	2.50	13.00	5.00	91.00	1604.00	4.00	29.00	5.00	3.00	22.00
TL13312	127.8	129.3	1328029	0.50	26.00	335.00	7.00	0.28	2.50	15.00	5.00	73.00	1396.00	1.00	26.00	5.00	2.00	27.00
TL13312	129.3	130.8	1328031	0.50	33.00	344.00	9.00	0.53	2.50	16.00	5.00	80.00	1226.00	1.00	24.00	5.00	2.00	25.00
TL13312	130.8	132.3	1328032	1.00	29.00	344.00	16.00	1.16	2.50	14.00	5.00	85.00	1333.00	1.00	25.00	5.00	2.00	41.00
TL13312	132.3	133.8	1328033	0.50	35.00	374.00	21.00	1.26	2.50	11.00	5.00	116.00	1400.00	16.00	27.00	5.00	3.00	43.00
TL13312	133.8	135.3	1328034	2.00	88.00	498.00	33.00	2.64	2.50	10.00	5.00	109.00	2394.00	18.00	77.00	5.00	12.00	93.00
TL13312	135.3	136.8	1328036	0.50	72.00	582.00	26.00	1.75	2.50	11.00	5.00	157.00	2407.00	1.00	68.00	5.00	10.00	92.00
TL13312	135.3	136.8	1328035	0.50	58.00	554.00	30.00	1.73	2.50	8.00	5.00	187.00	2486.00	1.00	75.00	5.00	10.00	89.00
TL13312	136.8	138.3	1328037	1.00	37.00	520.00	29.00	0.85	2.50	7.00	5.00	126.00	1732.00	1.00	32.00	5.00	3.00	76.00
TL13312	138.3	139.8	1328038	0.50	32.00	537.00	30.00	1.63	2.50	7.00	5.00	107.00	1719.00	12.00	31.00	5.00	4.00	48.00
TL13312	139.8	141.3	1328039	7.00	57.00	557.00	45.00	1.77	2.50	14.00	12.00	183.00	2196.00	27.00	41.00	5.00	3.00	169.00
TL13312	141.3	142.8	1328041	2.00	38.00	537.00	55.00	1.55	2.50	7.00	5.00	95.00	1932.00	1.00	36.00	5.00	3.00	965.00
TL13312	142.8	144.3	1328042	2.00	31.00	538.00	106.00	1.70	2.50	14.00	5.00	150.00	1891.00	2.00	36.00	5.00	3.00	586.00
TL13312	144.3	145.8	1328043	2.00	35.00	514.00	613.00	2.30	2.50	8.00	5.00	92.00	1688.00	24.00	32.00	5.00	3.00	729.00
TL13312	145.8	147.3	1328044	1.00	36.00	554.00	41.00	1.10	2.50	26.00	5.00	103.00	1862.00	1.00	36.00	5.00	3.00	162.00
TL13312	147.3	148.8	1328045	5.00	60.00	546.00	199.00	1.73	2.50	17.00	5.00	119.00	1915.00	14.00	46.00	5.00	5.00	499.00
TL13312	148.8	150.3	1328046	3.00	63.00	304.00	378.00	2.09	2.50	14.00	5.00	126.00	1619.00	14.00	42.00	11.00	5.00	1165.00
TL13312	150.3	151.8	1328047	3.00	42.00	301.00	26.00	0.48	2.50	18.00	5.00	120.00	1559.00	1.00	26.00	5.00	3.00	57.00
TL13312	151.8	153.3	1328048	2.00	34.00	326.00	14.00	0.51	2.50	22.00	5.00	115.00	1611.00	1.00	25.00	5.00	2.00	48.00
TL13312	153.3	154.8	1328049	2.00	31.00	304.00	19.00	0.75	2.50	6.00	5.00	114.00	1383.00	1.00	23.00	5.00	2.00	26.00
TL13312	154.8	156.3	1328051	5.00	54.00	314.00	53.00	1.30	2.50	19.00	5.00	121.00	1495.00	1.00	27.00	5.00	2.00	335.00
TL13312	156.3	157.8	1328052	4.00	36.00	316.00	55.00	1.00	2.50	2.50	10.00	135.00	1458.00	44.00	25.00	5.00	2.00	146.00
TL13312	157.8	159.3	1328053	4.00	33.00	326.00	26.00	0.77	2.50	17.00	5.00	166.00	1598.00	1.00	25.00	5.00	1.00	65.00
TL13312	159.3	160.8	1328054	0.50	33.00	310.00	14.00	0.63	2.50	13.00	5.00	120.00	1416.00	9.00	23.00	5.00	2.00	33.00
TL13312	160.8	162.3	1328056	1.00	35.00	309.00	24.00	0.61	2.50	9.00	5.00	96.00	1379.00	1.00	22.00	5.00	2.00	42.00
TL13312	160.8	162.3	1328055	1.00	36.00	313.00	21.00	0.64	2.50	12.00	5.00	109.00	1464.00	1.00	24.00	5.00	2.00	54.00
TL13312	162.3	163.5	1328057	4.00	57.00	312.00	32.00	0.92	2.50	2.50	5.00	108.00	1358.00	10.00	23.00	5.00	2.00	165.00
TL13312	163.5	165.0	1328058	0.50	33.00	337.00	32.00	0.71	5.00	17.00	5.00	99.00	1486.00	21.00	25.00	5.00	2.00	75.00
TL13312	165.0	166.5	1328059	0.50	29.00	281.00	58.00	0.88	2.50	10.00	5.00	113.00	1411.00	3.00	22.00	5.00	2.00	570.00
TL13312	166.5	168.0	1328061	1.00	37.00	302.00	61.00	0.72	2.50	16.00	5.00	138.00	1443.00	4.00	25.00	5.00	3.00	285.00
TL13312	168.0	169.0	1328062	4.00	64.00	266.00	210.00	1.64	2.50	13.00	5.00	111.00	1323.00	1.00	25.00	5.00	3.00	738.00
TL13312	169.0	170.0	1328063	4.00	51.00	289.00	2715.00	2.43	8.00	14.00	5.00	141.00	1472.00	11.00	26.00	37.00	3.00	4126.00
TL13312	170.0	171.0	1328064	3.00	70.00	320.00	107.00	1.34	2.50	15.00	5.00	137.00	1358.00	1.00	40.00	5.00	5.00	184.00
TL13312	171.0	172.0	1328065	5.00	94.00	426.00	391.00	4.18	8.00	17.00	5.00	140.00	1499.00	37.00	58.00	36.00	4.00	4697.00
TL13312	172.0	173.4	1328066	4.00	93.00	422.00	145.00	3.06	2.50	12.00	5.00	78.00	1510.00	1.00	69.00	5.00	4.00	401.00
TL13312	173.4	174.4	1328067	6.00	112.00	409.00	558.00	3.42	2.50	2.50	5.00	75.00	1513.00	1.00	69.00	16.00	5.00	1691.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13312	174.4	175.4	1328068	5.00	4.23	97.00	274.00	1.00	2.00	0.01	6.00	19.00	141.00	318.00	3.16	0.01	11.00	0.63	165.00
TL13312	175.4	176.4	1328069	5.00	5.22	119.00	336.00	2.00	21.00	0.12	4.00	22.00	171.00	234.00	3.82	0.01	16.00	0.93	252.00
TL13312	176.4	177.4	1328071	3.00	6.35	98.00	342.00	2.00	0.50	1.63	2.00	21.00	155.00	100.00	3.65	0.09	22.00	1.43	477.00
TL13312	177.4	178.4	1328072	11.00	6.80	108.00	397.00	1.00	13.00	1.11	8.00	18.00	150.00	120.00	3.79	0.21	24.00	1.02	356.00
TL13312	178.4	179.6	1328073	4.00	5.28	86.00	240.00	1.00	2.00	0.55	2.00	22.00	140.00	43.00	4.09	0.22	23.00	1.63	448.00
TL13312	179.6	180.6	1328074	10.00	3.80	70.00	184.00	1.00	5.00	0.09	2.00	17.00	129.00	39.00	3.25	0.01	12.00	0.77	240.00
TL13312	180.6	182.1	1328075	2.00	4.59	19.00	207.00	1.00	3.00	0.40	2.00	18.00	144.00	33.00	3.47	0.11	27.00	2.33	586.00
TL13312	180.6	182.1	1328076	2.00	6.26	21.00	298.00	2.00	15.00	0.84	2.00	19.00	145.00	33.00	3.66	0.01	36.00	2.53	619.00
TL13312	182.1	183.6	1328077	2.00	6.63	61.00	221.00	1.00	21.00	1.14	2.00	18.00	144.00	12.00	3.85	0.01	56.00	3.42	719.00
TL13312	183.6	185.1	1328078	2.00	6.40	25.00	245.00	1.00	20.00	0.80	2.00	20.00	153.00	33.00	4.10	0.31	59.00	3.28	683.00
TL13312	185.1	186.6	1328079	3.00	6.28	68.00	328.00	1.00	0.50	0.79	2.00	20.00	156.00	55.00	3.41	0.06	32.00	1.85	467.00
TL13312	186.6	188.1	1328081	10.00	6.23	100.00	333.00	1.00	22.00	0.86	7.00	15.00	107.00	70.00	3.80	0.01	21.00	1.02	343.00
TL13312	188.1	189.6	1328082	2.00	6.61	28.00	348.00	1.00	29.00	1.66	2.00	7.00	33.00	12.00	2.06	0.01	28.00	2.19	519.00
TL13312	189.6	190.6	1328083	2.00	7.35	27.00	450.00	1.00	7.00	1.70	2.00	9.00	38.00	7.00	2.10	0.20	24.00	1.91	526.00
TL13312	190.6	191.6	1328084	1.00	5.23	36.00	284.00	2.00	0.50	1.04	2.00	8.00	35.00	20.00	1.99	0.03	15.00	1.70	518.00
TL13312	191.6	192.6	1328085	36.00	4.86	81.00	286.00	1.00	8.00	0.17	11.00	7.00	43.00	120.00	1.79	0.09	13.00	0.42	132.00
TL13312	192.6	193.6	1328086	4.00	7.10	33.00	388.00	1.00	12.00	1.00	2.00	19.00	144.00	50.00	3.31	0.23	27.00	1.91	520.00
TL13312	193.6	195.0	1328087	2.00	5.42	10.00	265.00	1.00	0.50	1.39	2.00	20.00	153.00	45.00	3.52	0.01	23.00	1.95	673.00
TL13312	195.0	196.0	1328088	4.00	5.54	61.00	280.00	1.00	7.00	1.33	2.00	14.00	85.00	48.00	2.73	0.01	19.00	1.53	702.00
TL13312	196.0	197.0	1328089	5.00	5.93	79.00	277.00	1.00	0.50	0.67	6.00	22.00	157.00	131.00	4.06	0.01	21.00	1.52	552.00
TL13312	197.0	198.0	1328091	2.00	5.77	20.00	245.00	2.00	26.00	2.01	2.00	21.00	154.00	44.00	3.51	0.01	20.00	1.47	557.00
TL13312	198.0	199.0	1328092	7.00	4.96	36.00	214.00	1.00	0.50	0.53	2.00	22.00	159.00	327.00	4.11	0.01	18.00	1.30	488.00
TL13312	199.0	200.5	1328093	8.00	2.88	112.00	152.00	1.00	0.50	0.02	2.00	17.00	120.00	107.00	3.01	0.01	7.00	0.55	245.00
TL13312	200.5	201.5	1328094	3.00	4.87	54.00	223.00	2.00	10.00	1.38	4.00	16.00	129.00	77.00	3.34	0.11	25.00	1.34	707.00
TL13312	201.5	203.0	1328095	2.00	0.95	37.00	24.00	1.00	0.50	0.01	2.00	6.00	31.00	41.00	1.34	0.01	9.00	0.66	288.00
TL13312	201.5	203.0	1328096	3.00	4.36	63.00	252.00	1.00	9.00	0.47	2.00	11.00	73.00	58.00	2.06	0.12	23.00	0.98	425.00
TL13312	203.0	204.5	1328097	2.00	3.89	60.00	293.00	1.00	8.00	0.34	2.00	8.00	42.00	37.00	1.96	0.21	19.00	1.00	564.00
TL13312	204.5	205.5	1328098	2.00	5.68	37.00	441.00	1.00	29.00	1.71	2.00	6.00	69.00	31.00	1.66	0.01	24.00	1.10	604.00
TL13312	205.5	206.5	1328099	2.00	5.63	55.00	428.00	1.00	6.00	1.35	2.00	7.00	39.00	10.00	1.60	0.01	24.00	1.08	527.00
TL13312	206.5	207.6	1328101	6.00	4.69	53.00	293.00	1.00	21.00	1.45	7.00	6.00	45.00	82.00	2.27	0.01	22.00	1.16	527.00
TL13312	207.6	209.0	1328102	2.00	8.65	23.00	361.00	2.00	32.00	2.51	2.00	8.00	49.00	14.00	1.94	1.31	35.00	1.82	785.00
TL13312	209.0	210.0	1328103	2.00	8.82	21.00	614.00	1.00	18.00	2.36	2.00	8.00	41.00	23.00	1.61	0.01	39.00	1.65	842.00
TL13312	210.0	211.0	1328104	2.00	6.95	37.00	576.00	1.00	14.00	1.75	2.00	8.00	44.00	36.00	1.91	0.01	47.00	1.92	955.00
TL13312	211.0	212.5	1328105	2.00	6.89	26.00	485.00	2.00	0.50	1.95	2.00	6.00	44.00	11.00	1.64	0.01	38.00	1.71	873.00
TL13312	212.5	214.0	1328106	2.00	7.32	13.00	537.00	1.00	67.00	2.29	2.00	7.00	39.00	7.00	1.73	0.10	35.00	1.65	859.00
TL13312	214.0	215.5	1328107	2.00	7.74	28.00	597.00	1.00	3.00	2.64	2.00	8.00	43.00	25.00	1.74	0.17	33.00	1.69	934.00
TL13312	215.5	217.0	1328108	2.00	6.29	32.00	512.00	2.00	8.00	1.80	2.00	7.00	45.00	55.00	1.95	0.16	31.00	1.49	797.00
TL13312	217.0	218.0	1328109	5.00	7.29	40.00	526.00	2.00	0.50	1.98	2.00	9.00	37.00	24.00	1.84	0.21	30.00	1.22	716.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13312	174.4	175.4	1328068	3.00	96.00	451.00	392.00	3.73	2.50	7.00	5.00	60.00	1326.00	1.00	78.00	16.00	5.00	1712.00
TL13312	175.4	176.4	1328069	6.00	122.00	489.00	111.00	4.07	2.50	13.00	5.00	67.00	1634.00	1.00	88.00	5.00	7.00	695.00
TL13312	176.4	177.4	1328071	4.00	98.00	469.00	191.00	3.80	2.50	2.50	5.00	112.00	1391.00	3.00	78.00	5.00	7.00	242.00
TL13312	177.4	178.4	1328072	7.00	113.00	473.00	533.00	4.15	6.00	6.00	5.00	83.00	1424.00	1.00	78.00	26.00	6.00	2307.00
TL13312	178.4	179.6	1328073	2.00	95.00	498.00	151.00	3.28	2.50	9.00	5.00	60.00	1283.00	33.00	85.00	5.00	6.00	408.00
TL13312	179.6	180.6	1328074	3.00	95.00	405.00	398.00	3.11	2.50	2.50	5.00	49.00	950.00	1.00	72.00	5.00	6.00	597.00
TL13312	180.6	182.1	1328075	4.00	96.00	435.00	80.00	1.16	2.50	2.50	5.00	56.00	1407.00	10.00	73.00	5.00	6.00	88.00
TL13312	180.6	182.1	1328076	2.00	81.00	475.00	82.00	1.20	2.50	2.50	5.00	72.00	1560.00	10.00	77.00	5.00	6.00	79.00
TL13312	182.1	183.6	1328077	5.00	90.00	470.00	84.00	1.62	2.50	2.50	5.00	86.00	1436.00	12.00	76.00	5.00	6.00	126.00
TL13312	183.6	185.1	1328078	4.00	96.00	512.00	80.00	1.24	2.50	7.00	5.00	78.00	1646.00	14.00	89.00	5.00	6.00	143.00
TL13312	185.1	186.6	1328079	6.00	109.00	536.00	210.00	2.49	5.00	2.50	5.00	87.00	1476.00	1.00	83.00	5.00	7.00	163.00
TL13312	186.6	188.1	1328081	6.00	94.00	482.00	1198.00	4.31	2.50	5.00	5.00	75.00	1208.00	10.00	61.00	18.00	5.00	1693.00
TL13312	188.1	189.6	1328082	3.00	46.00	573.00	67.00	0.87	2.50	11.00	5.00	107.00	1456.00	1.00	36.00	5.00	3.00	172.00
TL13312	189.6	190.6	1328083	4.00	58.00	522.00	69.00	1.15	2.50	9.00	5.00	98.00	1594.00	1.00	38.00	5.00	3.00	105.00
TL13312	190.6	191.6	1328084	3.00	59.00	485.00	91.00	0.99	2.50	16.00	5.00	79.00	1496.00	1.00	35.00	5.00	4.00	121.00
TL13312	191.6	192.6	1328085	4.00	55.00	371.00	884.00	2.03	24.00	5.00	5.00	57.00	1197.00	1.00	31.00	39.00	3.00	3915.00
TL13312	192.6	193.6	1328086	7.00	109.00	521.00	304.00	1.36	2.50	2.50	5.00	87.00	1913.00	1.00	79.00	5.00	6.00	381.00
TL13312	193.6	195.0	1328087	2.00	94.00	490.00	59.00	0.87	2.50	2.50	5.00	83.00	2206.00	1.00	77.00	5.00	7.00	81.00
TL13312	195.0	196.0	1328088	3.00	81.00	487.00	354.00	1.71	2.50	12.00	5.00	92.00	1660.00	1.00	59.00	5.00	6.00	389.00
TL13312	196.0	197.0	1328089	4.00	103.00	511.00	412.00	2.25	2.50	2.50	5.00	86.00	2215.00	1.00	90.00	11.00	9.00	1530.00
TL13312	197.0	198.0	1328091	0.50	83.00	479.00	50.00	0.56	2.50	2.50	5.00	198.00	2500.00	8.00	75.00	5.00	10.00	99.00
TL13312	198.0	199.0	1328092	3.00	103.00	449.00	168.00	1.97	2.50	5.00	5.00	100.00	2123.00	1.00	91.00	5.00	9.00	236.00
TL13312	199.0	200.5	1328093	16.00	105.00	358.00	513.00	3.03	2.50	2.50	5.00	53.00	1295.00	4.00	63.00	5.00	8.00	472.00
TL13312	200.5	201.5	1328094	4.00	94.00	437.00	55.00	2.40	2.50	12.00	5.00	78.00	1993.00	2.00	68.00	10.00	10.00	1050.00
TL13312	201.5	203.0	1328095	0.50	38.00	271.00	117.00	1.14	2.50	2.50	5.00	34.00	961.00	1.00	25.00	5.00	3.00	128.00
TL13312	201.5	203.0	1328096	7.00	93.00	444.00	71.00	1.62	2.50	9.00	5.00	64.00	1589.00	1.00	41.00	5.00	5.00	81.00
TL13312	203.0	204.5	1328097	5.00	66.00	441.00	92.00	1.77	2.50	2.50	5.00	65.00	1464.00	5.00	30.00	5.00	3.00	483.00
TL13312	204.5	205.5	1328098	11.00	93.00	380.00	39.00	0.85	2.50	12.00	5.00	106.00	1456.00	1.00	32.00	5.00	2.00	70.00
TL13312	205.5	206.5	1328099	5.00	49.00	386.00	105.00	1.30	5.00	11.00	5.00	93.00	1442.00	11.00	31.00	5.00	2.00	111.00
TL13312	206.5	207.6	1328101	8.00	59.00	369.00	669.00	2.40	15.00	6.00	5.00	90.00	1195.00	6.00	29.00	24.00	2.00	2814.00
TL13312	207.6	209.0	1328102	41.00	71.00	285.00	46.00	1.35	2.50	2.50	5.00	103.00	1408.00	10.00	32.00	28.00	6.00	111.00
TL13312	209.0	210.0	1328103	5.00	42.00	519.00	45.00	0.70	2.50	11.00	5.00	139.00	1886.00	18.00	40.00	13.00	3.00	204.00
TL13312	210.0	211.0	1328104	5.00	60.00	480.00	38.00	1.17	2.50	9.00	5.00	134.00	1713.00	14.00	37.00	5.00	4.00	73.00
TL13312	211.0	212.5	1328105	5.00	59.00	491.00	46.00	0.54	2.50	9.00	5.00	126.00	1685.00	10.00	35.00	5.00	4.00	67.00
TL13312	212.5	214.0	1328106	4.00	49.00	482.00	42.00	0.43	2.50	17.00	5.00	130.00	1828.00	14.00	37.00	5.00	3.00	44.00
TL13312	214.0	215.5	1328107	5.00	56.00	499.00	35.00	0.55	6.00	17.00	5.00	146.00	1787.00	1.00	37.00	5.00	3.00	72.00
TL13312	215.5	217.0	1328108	5.00	58.00	457.00	81.00	0.98	2.50	11.00	5.00	109.00	1617.00	8.00	35.00	5.00	3.00	67.00
TL13312	217.0	218.0	1328109	4.00	49.00	518.00	104.00	1.13	2.50	5.00	5.00	113.00	1929.00	1.00	38.00	5.00	3.00	217.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13312	218.0	219.0	1328111	6.00	5.33	48.00	617.00	1.00	12.00	1.17	6.00	7.00	54.00	185.00	2.51	0.19	25.00	0.92	429.00
TL13312	219.0	220.5	1328112	2.00	5.37	26.00	507.00	2.00	2.00	2.03	2.00	6.00	37.00	25.00	1.74	0.22	23.00	1.28	663.00
TL13312	220.5	222.0	1328113	1.00	6.74	18.00	572.00	1.00	7.00	2.06	2.00	8.00	31.00	6.00	1.63	0.01	33.00	1.34	535.00
TL13312	222.0	223.5	1328114	1.00	5.12	28.00	492.00	1.00	11.00	1.94	2.00	7.00	48.00	11.00	1.74	0.01	30.00	1.27	724.00
TL13312	223.5	225.0	1328115	1.00	6.37	20.00	499.00	2.00	5.00	2.87	2.00	9.00	30.00	9.00	2.00	0.01	21.00	1.16	556.00
TL13312	223.5	225.0	1328116	2.00	6.79	18.00	546.00	1.00	0.50	3.14	2.00	9.00	27.00	8.00	1.98	0.04	24.00	1.23	593.00
TL13312	225.0	226.5	1328117	0.50	4.51	30.00	332.00	2.00	2.00	1.95	2.00	8.00	39.00	11.00	1.92	0.10	16.00	1.05	429.00
TL13312	226.5	228.0	1328118	2.00	6.20	37.00	467.00	2.00	11.00	2.41	2.00	8.00	35.00	10.00	1.78	0.24	20.00	1.15	664.00
TL13312	228.0	229.5	1328119	2.00	6.27	45.00	394.00	2.00	23.00	1.54	2.00	8.00	49.00	18.00	1.95	0.20	25.00	0.80	621.00
TL13312	229.5	231.0	1328121	2.00	5.97	11.00	323.00	2.00	21.00	1.68	2.00	7.00	45.00	34.00	1.73	0.24	24.00	0.86	564.00
TL13312	231.0	232.5	1328122	1.00	5.20	16.00	362.00	1.00	10.00	1.69	2.00	8.00	39.00	14.00	1.60	0.16	20.00	0.91	345.00
TL13312	232.5	234.0	1328123	2.00	6.30	6.00	376.00	1.00	10.00	3.59	2.00	8.00	22.00	8.00	1.99	0.24	21.00	1.83	631.00
TL13312	234.0	235.5	1328124	1.00	4.59	1.00	286.00	1.00	14.00	2.01	2.00	8.00	32.00	4.00	1.91	0.01	21.00	1.14	340.00
TL13312	235.5	237.0	1328125	0.50	3.10	1.00	202.00	1.00	6.00	2.07	2.00	9.00	30.00	2.00	2.01	0.01	14.00	1.35	449.00
TL13312	237.0	238.5	1328126	0.50	4.23	8.00	291.00	1.00	0.50	2.05	2.00	8.00	27.00	4.00	1.87	0.12	18.00	1.16	377.00
TL13312	238.5	240.0	1328127	0.50	4.57	20.00	309.00	1.00	13.00	1.98	2.00	9.00	46.00	3.00	1.88	0.09	20.00	1.11	342.00
TL13312	240.0	241.5	1328128	0.50	4.00	17.00	209.00	1.00	4.00	1.97	2.00	13.00	70.00	20.00	2.48	0.10	19.00	1.35	557.00
TL13312	241.5	243.0	1328129	1.00	5.92	11.00	178.00	2.00	0.50	1.81	2.00	22.00	176.00	49.00	3.98	0.16	34.00	1.48	583.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13312	218.0	219.0	1328111	14.00	73.00	419.00	915.00	2.59	8.00	10.00	5.00	98.00	1443.00	5.00	33.00	24.00	2.00	2031.00
TL13312	219.0	220.5	1328112	5.00	47.00	439.00	203.00	1.12	2.50	11.00	5.00	110.00	1417.00	29.00	33.00	5.00	3.00	219.00
TL13312	220.5	222.0	1328113	3.00	40.00	493.00	37.00	0.39	2.50	11.00	5.00	128.00	1777.00	1.00	35.00	5.00	3.00	74.00
TL13312	222.0	223.5	1328114	5.00	69.00	449.00	66.00	0.84	2.50	13.00	5.00	128.00	1561.00	1.00	33.00	5.00	3.00	140.00
TL13312	223.5	225.0	1328115	0.50	44.00	493.00	62.00	0.83	5.00	19.00	5.00	213.00	1743.00	8.00	35.00	5.00	3.00	235.00
TL13312	223.5	225.0	1328116	0.50	36.00	505.00	67.00	0.82	2.50	13.00	5.00	220.00	1899.00	1.00	36.00	5.00	3.00	193.00
TL13312	225.0	226.5	1328117	2.00	48.00	516.00	26.00	0.68	2.50	15.00	10.00	167.00	1611.00	1.00	36.00	5.00	4.00	60.00
TL13312	226.5	228.0	1328118	3.00	48.00	498.00	44.00	0.98	2.50	19.00	5.00	205.00	1765.00	1.00	35.00	5.00	3.00	97.00
TL13312	228.0	229.5	1328119	6.00	67.00	506.00	60.00	1.40	2.50	8.00	5.00	130.00	1818.00	13.00	35.00	5.00	3.00	165.00
TL13312	229.5	231.0	1328121	5.00	58.00	462.00	82.00	0.71	2.50	11.00	5.00	128.00	1777.00	1.00	34.00	5.00	3.00	321.00
TL13312	231.0	232.5	1328122	4.00	52.00	424.00	29.00	0.40	2.50	8.00	5.00	148.00	1705.00	1.00	34.00	5.00	3.00	32.00
TL13312	232.5	234.0	1328123	0.50	30.00	506.00	17.00	0.37	2.50	17.00	5.00	209.00	2109.00	1.00	40.00	5.00	3.00	32.00
TL13312	234.0	235.5	1328124	1.00	42.00	517.00	15.00	0.40	2.50	17.00	5.00	146.00	2122.00	1.00	38.00	5.00	3.00	30.00
TL13312	235.5	237.0	1328125	0.50	44.00	498.00	22.00	0.49	2.50	13.00	5.00	142.00	2070.00	1.00	38.00	5.00	4.00	46.00
TL13312	237.0	238.5	1328126	0.50	39.00	506.00	12.00	0.43	2.50	16.00	5.00	149.00	2149.00	1.00	40.00	5.00	4.00	35.00
TL13312	238.5	240.0	1328127	3.00	60.00	510.00	14.00	0.47	6.00	2.50	5.00	147.00	2068.00	1.00	41.00	5.00	4.00	25.00
TL13312	240.0	241.5	1328128	0.50	57.00	502.00	15.00	0.73	2.50	9.00	5.00	128.00	2231.00	1.00	51.00	5.00	6.00	34.00
TL13312	241.5	243.0	1328129	4.00	105.00	573.00	35.00	0.84	2.50	10.00	5.00	151.00	2431.00	1.00	83.00	5.00	11.00	68.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13312	21.0	39.3	18.3	PY	DISS	1	1% disseminated py throughout the interval
TL13312	39.3	50.9	11.6	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13312	39.3	50.9	11.6	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	39.3	50.9	11.6	SPH	ST	0.1	Trace sph in 1-2mm wide stringer oriented semi-parallel to foliation
TL13312	50.9	65.2	14.3	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13312	50.9	65.2	14.3	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13312	57.2	61.5	4.2	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	57.2	61.5	4.2	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	65.2	72.4	7.1	PY	DISS	1	1% disseminated py throughout the interval
TL13312	65.2	72.4	7.1	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13312	72.4	73.4	1.0	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13312	72.4	73.4	28.1	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13312	73.4	100.4	28.1	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13312	73.4	100.4	28.1	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13312	100.4	111.3	10.9	PY	DISS	1	1% disseminated py
TL13312	100.4	111.3	10.9	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	100.4	111.3	10.9	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13312	100.4	111.3	10.9	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/Qtz-amph veins
TL13312	100.4	111.3	10.9	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	111.3	144.0	32.7	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13312	111.3	174.4	63.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13312	111.3	174.4	63.1	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13312	111.3	174.4	63.1	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13312	144.0	174.4	30.4	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13312	144.0	174.4	30.4	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	144.0	174.4	30.4	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13312	174.4	180.6	6.2	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL13312	174.4	180.6	6.2	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13312	174.4	180.6	6.2	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13312	174.4	180.6	6.2	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13312	174.4	180.6	6.2	PY	DISS	2	2% disseminated py throughout the interval
TL13312	180.6	198.9	18.3	PY	ST	1	1% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13312	180.6	198.9	18.3	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	180.6	198.9	18.3	PY	DISS	1	1% disseminated py throughout the interval
TL13312	180.6	198.9	18.3	CP	BLB	0.1	Trace cpy blebs associated w/ po stringers
TL13312	180.6	198.9	18.3	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented along foliation

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13312	180.6	198.9	18.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13312	198.9	207.6	8.7	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers
TL13312	198.9	207.6	8.7	SPH	SW	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13312	198.9	207.6	8.7	PY	ST	2	2% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13312	198.9	207.6	8.7	PY	DISS	1	1% disseminated py throughout the interval
TL13312	207.6	243.2	35.6	PY	ST	1	1% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13312	207.6	243.2	35.6	PY	DISS	0.1	Trace to 1% disseminated py
TL13312	207.6	243.2	35.6	SPH	ST	0.1	Trace sph in 1-8mm wide stringers oriented semi-parallel to foliation found w/ py
TL13312	218.0	219.0	1.0	PB	DISS	0.1	Trace disseminated gal associated w/ sph stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13312	21.0	36.0	15.0	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13312	21.0	39.3	18.3	FR	Very Strong	55	V. strongly fractured unit along foliation
TL13312	36.0	39.3	3.3	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13312	39.3	50.9	11.6	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13312	39.3	50.9	11.6	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	44.5	45.5	1.0	FTZ	Weak	55	Weak fault zone oriented at 55 deg TCA infilled w/ gouge
TL13312	50.9	53.6	2.7	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	50.9	65.2	14.3	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13312	50.9	65.2	14.3	FR	Very Weak	25	V. weak shallow fracture set cross cutting foliation at 25 deg TCA
TL13312	52.1	52.4	0.3	Fold	Strong	35	Strong large F2 sheath fold oriented at 35 deg TCA
TL13312	53.6	63.0	9.5	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13312	63.0	65.2	2.2	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13312	65.2	67.6	2.4	FR	Very Strong	40	V. strongly fractured interval, fractured at 40 deg TCA against foliation, large rubble pile
TL13312	65.2	72.4	7.1	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13312	72.4	73.4	1.0	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13312	72.4	73.4	1.0	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13312	72.4	73.4	28.1	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	73.4	100.4	28.1	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	73.4	100.4	27.1	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13312	73.4	100.4	28.1	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13312	100.4	111.3	10.9	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13312	100.4	111.3	10.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	111.3	154.5	43.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	111.3	174.4	63.1	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13312	111.3	174.4	63.1	FR	Very Weak	75	V. weak fracture set cross cutting foliation at 75 deg TCA
TL13312	154.5	166.5	12.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13312	166.5	174.4	7.9	Fold	Strong	55	Strong foliation at 55 deg TCA
TL13312	174.4	180.6	6.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	174.4	180.6	6.2	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13312	180.6	186.0	5.4	FOL	Weak	60	Weak foliation at 60 deg TCA
TL13312	180.6	198.9	18.3	FR	Very Weak	75	V. weak fracture set cross cutting foliation at 75 deg TCA
TL13312	180.6	198.9	18.3	FR	Very Weak	20	V. weak fracture set cross cutting foliation at 20 deg TCA
TL13312	186.0	195.8	9.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13312	195.8	198.9	3.1	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13312	198.9	207.6	8.7	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13312	204.1	206.2	2.1	FR	Strong	60	Strongly fractured along foliation
TL13312	206.0	206.2	0.2	FTZ	Weak	55	Weak fault zone oriented at 55 deg cross cutting foliation infilled w/ gouge

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13312	207.6	212.0	4.4	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13312	207.6	243.2	35.6	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13312	210.0	212.3	2.3	FR	Very Strong	55	V. strongly fractured in this interval nearly perpendicular to foliation
TL13312	212.0	243.2	31.2	FOL	Strong	55	Strong foliation at 55 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13312	21.0	31.7	10.7	SR	Patchy	Moderate	Moderate pachy ser alt, 45% ser to 55% bio
TL13312	21.0	39.3	18.3	SI	Patchy	Strong	Strong patchy sil alt
TL13312	31.7	39.3	7.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13312	39.3	50.9	11.6	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13312	39.3	50.9	11.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13312	50.9	56.1	5.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13312	50.9	65.2	14.3	SI	Patchy	Strong	Strong patchy sil alt
TL13312	56.1	61.5	5.4	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13312	61.5	65.2	3.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13312	65.2	72.4	7.1	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13312	65.2	72.4	7.1	SI	Patchy	Strong	Strong patchy sil alt
TL13312	65.2	72.4	7.1	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13312	72.4	73.4	1.0	SI	Patchy	Very Strong	V. strong patchy silicification
TL13312	72.4	73.4	1.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13312	73.4	83.6	10.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13312	73.4	100.4	28.1	SI	Patchy	Very Strong	V. strong patchy silicification
TL13312	83.6	87.6	4.0	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13312	87.6	100.4	12.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13312	100.4	104.0	3.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13312	100.4	111.3	10.9	SI	Patchy	Strong	Strong patchy silicification
TL13312	104.0	106.2	2.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13312	106.2	111.3	5.2	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13312	111.3	174.4	63.1	SI	Patchy	Strong	Strong patchy sil alt
TL13312	111.3	174.4	63.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13312	174.4	178.8	4.4	SI	Patchy	Weak	Weak patchy sil alt
TL13312	174.4	180.6	6.2	SR	Patchy	Weak	Weak patchy ser alt, 20% ser to 80% bio
TL13312	174.4	180.6	6.2	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13312	178.8	180.6	1.8	SI	Patchy	Strong	Strong patchy sil alt
TL13312	180.6	186.0	5.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 2% ser to 98% bio
TL13312	180.6	198.9	18.3	SI	Patchy	Moderate	Moderate patchy sil alt
TL13312	186.0	198.9	12.9	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13312	198.9	207.6	8.7	SI	Patchy	Moderate	Moderate to strong patchy silicification
TL13312	198.9	207.6	8.7	SR	Patchy	Moderate	Moderate patchy ser alt, 55% ser to 45% bio
TL13312	207.6	220.0	12.4	SI	Patchy	Weak	Weak to moderate patchy sil alt
TL13312	207.6	231.7	24.1	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13312	220.0	243.2	23.2	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13312	231.7	243.2	11.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13312	24	27	3	2.92	2.57	97.33	85.67	12	
TL13312	27	30	3	3.02	2.07	100.67	69	17	
TL13312	30	33	3	2.43	0.23	81	7.67	47	LRP
TL13312	33	36	3	2.58	1.05	86	35	31	LRP
TL13312	36	39	3	2.84	1.48	94.67	49.33	25	
TL13312	39	42	3	2.64	0.67	88	22.33	32	SRP
TL13312	42	45	3	2.42	0.99	80.67	33	33	SRP
TL13312	45	48	3	3.11	1.86	103.67	62	31	
TL13312	48	51	3	2.93	2.62	97.67	87.33	14	
TL13312	51	54	3	3.05	2.83	101.67	94.33	10	
TL13312	54	57	3	2.93	2.62	97.67	87.33	13	
TL13312	57	60	3	2.94	2.38	98	79.33	20	
TL13312	60	63	3	2.86	2.76	95.33	92	9	
TL13312	63	66	3	3.05	1.67	101.67	55.67	25	SRP
TL13312	66	69	3	2.98	0.92	99.33	30.67	31	SRP
TL13312	69	72	3	2.82	1.53	94	51	28	
TL13312	72	75	3	2.99	2.26	99.67	75.33	15	
TL13312	75	78	3	2.94	2.52	98	84	9	
TL13312	78	81	3	2.91	2.83	97	94.33	3	
TL13312	81	84	3	3.06	2.55	102	85	9	
TL13312	84	87	3	2.93	2.53	97.67	84.33	10	
TL13312	87	90	3	3	2.86	100	95.33	8	
TL13312	90	93	3	2.89	2.54	96.33	84.67	9	
TL13312	93	96	3	3.07	2.7	102.33	90	17	
TL13312	96	99	3	2.91	2.49	97	83	11	
TL13312	99	102	3	3.06	2.6	102	86.67	10	
TL13312	102	105	3	2.84	1.62	94.67	54	28	
TL13312	105	108	3	2.96	2.73	98.67	91	7	
TL13312	108	111	3	2.94	2.71	98	90.33	12	
TL13312	111	114	3	2.95	2.95	98.33	98.33	6	
TL13312	114	117	3	2.99	2.99	99.67	99.67	5	
TL13312	117	120	3	2.97	2.85	99	95	7	
TL13312	120	123	3	2.95	2.67	98.33	89	11	
TL13312	123	126	3	2.97	2.79	99	93	13	
TL13312	126	129	3	3	2.92	100	97.33	10	
TL13312	129	132	3	3.02	3.02	100.67	100.67	9	
TL13312	132	135	3	2.89	2.89	96.33	96.33	7	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13312	135	138	3	2.89	2.7	96.33	90	7	
TL13312	138	141	3	3.02	2.81	100.67	93.67	9	
TL13312	141	144	3	2.98	2.64	99.33	88	7	
TL13312	144	147	3	3.02	2.83	100.67	94.33	7	
TL13312	147	150	3	2.97	2.97	99	99	4	
TL13312	150	153	3	2.95	2.87	98.33	95.67	5	
TL13312	153	156	3	2.96	2.88	98.67	96	6	
TL13312	156	159	3	2.99	2.99	99.67	99.67	7	
TL13312	159	162	3	2.99	2.99	99.67	99.67	7	
TL13312	162	165	3	2.92	2.66	97.33	88.67	13	
TL13312	165	168	3	3.02	2.96	100.67	98.67	9	
TL13312	168	171	3	2.91	2.81	97	93.67	7	
TL13312	171	174	3	3	2.47	100	82.33	24	
TL13312	174	177	3	2.87	1.86	95.67	62	23	
TL13312	177	180	3	3.09	1.83	103	61	36	
TL13312	180	183	3	2.91	1.84	97	61.33	37	
TL13312	183	186	3	3.01	2.51	100.33	83.67	7	
TL13312	186	189	3	3.03	2.2	101	73.33	26	
TL13312	189	192	3	3	2.32	100	77.33	20	
TL13312	192	195	3	2.85	1.98	95	66	18	
TL13312	195	198	3	2.9	2.38	96.67	79.33	13	
TL13312	198	201	3	3.03	2.58	101	86	15	
TL13312	201	204	3	2.73	1.31	91	43.67	25	SRP
TL13312	204	207	3	2.89	2.33	96.33	77.67	14	
TL13312	207	210	3	3.02	2.19	100.67	73	13	
TL13312	210	213	3	3	0.99	100	33	38	LRP
TL13312	213	216	3	3	1.7	100	56.67	24	
TL13312	216	219	3	2.96	1.87	98.67	62.33	19	
TL13312	219	222	3	2.87	1.52	95.67	50.67	25	
TL13312	222	225	3	2.89	1.73	96.33	57.67	15	
TL13312	225	228	3	2.98	2.83	99.33	94.33	4	
TL13312	228	231	3	2.96	2.63	98.67	87.67	8	
TL13312	231	234	3	2.92	2.57	97.33	85.67	8	
TL13312	234	237	3	2.98	2.92	99.33	97.33	5	
TL13312	237	240	3	2.98	2.98	99.33	99.33	5	
TL13312	240	243	3	2.99	2.87	99.67	95.67	7	

Hole Number: TL13313

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
37.25	53.07	MSS, Muscovite Sericite Schist	1328131	40.50	42.00	1.50	0.03				
		MSS 37.25m-53.97m	1328132	42.00	43.50	1.50	0.03				
		This MSS unit starts out with very weak patchy sericitic alteration for the first 2m and than becomes very strong and patchy with a gradational transition into the next BMS unit. The silicification in this unit varies from strong and patchy to weak and patchy and back to strong and patchy. This unit is very poorly mineralized with only trace disseminated pyrite and trace pyrite in stringers. There is also a very weak hematitic component to this unit with minor staining towards the start of the hole.	1328133	43.50	45.00	1.50	0.31				
			1328134	45.00	46.50	1.50	0.42				
			1328135	46.50	48.00	1.50	0.19				
			1328136	46.50	48.00	1.50	0.20				
			1328137	48.00	49.50	1.50	0.10				
			1328138	49.50	51.00	1.50	0.02				
			1328139	51.00	52.00	1.00	0.04				
			1328141	52.00	53.00	1.00	0.02				
53.07	58.02	BMS, Biotite Muscovite Schist	1328142	53.00	54.50	1.50	0.02				
		This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, and trace sphalerite in stringers.	1328143	54.50	56.00	1.50	0.08				
			1328144	56.00	57.00	1.00	0.03				
			1328145	57.00	58.00	1.00	0.04				
			1328146	58.00	59.50	1.50	0.02				

Hole Number: TL13313

Units: METRIC

Detailed Lithology		Lithology	Assay Data										
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1		
58.02	115.90	MSS, Muscovite Sericite Schist	1328147	59.50	61.00	1.50	0.04						
		MSS Main-Zone from 58.02m-115.9m	1328148	61.00	62.50	1.50	0.01						
		This Main-Zone MSS unit has moderate to very strong patchy sericitic alteration, and varies in silicification from weak to moderate to strong and patchy. This unit is very poorly mineeralized as to what is expected from the main-zone. This unit contains 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite blebs, and trace chalcoprite blebs.	1328149	62.50	64.00	1.50	0.02						
			1328151	64.00	65.50	1.50	0.02						
			1328152	65.50	67.00	1.50	0.05						
			1328153	67.00	68.50	1.50	0.04					0.0	
			1328154	68.50	70.00	1.50	0.13					0.2	
			1328156	70.00	71.50	1.50	6.12						
			1328155	70.00	71.50	1.50	2.34						
			1328157	71.50	73.00	1.50	1.12					1.1	
			1328158	73.00	74.50	1.50	0.26					0.1	
			1328159	74.50	76.00	1.50	0.07					0.0	
			1328161	76.00	77.50	1.50	0.03						
			1328162	77.50	79.00	1.50	0.02						
			1328163	79.00	80.50	1.50	0.04						
			1328164	80.50	82.00	1.50	0.07						
			1328165	82.00	83.50	1.50	0.03						
			1328166	83.50	85.00	1.50	0.03						
			1328167	85.00	86.50	1.50	0.03						
			1328168	86.50	88.00	1.50	0.08						
			1328169	88.00	89.50	1.50	0.02						
			1328171	89.50	91.00	1.50	0.02						
			1328172	91.00	92.50	1.50	0.05						
			1328173	92.50	94.00	1.50	0.01						
			1328174	94.00	95.50	1.50	0.02						
			1328175	95.50	97.00	1.50	0.01						
			1328176	95.50	97.00	1.50	0.02						
			1328177	97.00	98.50	1.50	0.01						
			1328178	98.50	100.00	1.50	0.00						
			1328179	100.00	101.50	1.50	0.01						
			1328181	101.50	103.00	1.50	0.01						
			1328182	103.00	104.50	1.50	0.02						
			1328183	104.50	106.00	1.50	0.03						
			1328184	106.00	107.50	1.50	0.01						
			1328185	107.50	109.00	1.50	0.01						
			1328186	109.00	110.50	1.50	0.01						
			1328187	110.50	112.00	1.50	0.01						
			1328188	112.00	113.50	1.50	0.15						
			1328189	113.50	114.50	1.00	0.01						
			1328191	114.50	115.90	1.40	0.02						

DETAILED LOG

Hole Number: TL13313

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Ag_ppm_ALPM	Au_gpt_ALCN1	
115.90	135.87	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration and very strong patchy silicification. This unit contains 1% disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite stringers, trace galena blebs, and trace chalcopyrite blebs.	1328192	115.90	117.40	1.50	0.01					
			1328193	117.40	118.90	1.50	0.01					
			1328194	118.90	120.40	1.50	0.01					
			1328195	120.40	121.90	1.50	0.01					
			1328196	120.40	121.90	1.50	0.01					
			1328197	121.90	123.40	1.50	0.03					
			1328198	123.40	124.90	1.50	0.01					
			1328199	124.90	126.40	1.50	0.01					
			1328201	126.40	127.90	1.50	0.01					
			1328202	127.90	129.40	1.50	0.00					
			1328203	129.40	130.90	1.50	0.05					
			1328204	130.90	131.90	1.00	0.11				0.1	
			1328205	131.90	133.00	1.10	0.11				0.1	
			1328206	133.00	134.50	1.50	0.21				0.2	
1328207	134.50	135.90	1.40	0.08				0.1				
135.87	159.16	MSS, Muscovite Sericite Schist MSS Possible B-Zone from 135.87m-159.16m This B-Zone MSS has very strong patchy to semi-pervasive sericitic alteration, strong pervasive silicification and very weak patchy chloritic alteration. This unit contains 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers and trace galena blebs found in relation to the sphalerite. There is also a very weak shallow fracture that has dextral slip, displacing a pyrite, sphalerite, galena stringer by about 3cm.	1328208	135.90	137.40	1.50	0.35				0.2	
			1328209	137.40	138.90	1.50	3.23					1.9
			1328211	138.90	139.90	1.00	0.14					0.1
			1328212	139.90	141.40	1.50	0.03					0.0
			1328213	141.40	142.90	1.50	0.14					0.2
			1328214	142.90	144.40	1.50	0.07					
			1328215	144.40	145.90	1.50	0.04					
			1328216	144.40	145.90	1.50	0.01					
			1328217	145.90	147.40	1.50	0.01					
			1328218	147.40	148.90	1.50	0.01					
			1328219	148.90	150.40	1.50	0.02					
			1328221	150.40	151.90	1.50	0.02					
			1328222	151.90	153.40	1.50	0.02					
			1328223	153.40	154.90	1.50	0.06					
1328224	154.90	156.40	1.50	0.02								
1328225	156.40	157.90	1.50	0.01								
1328226	157.90	159.10	1.20	0.01								
1328227	159.10	160.50	1.40	0.01								
159.16	162.00	BMS, Biotite Muscovite Schist This short BMS unit has very weak patchy sericitic alteration and strong pervasive silicification. This unit contains trace disseminated pyrite, trace pyrite in narrow stringers, trace sphalerite stringers, trace pyrrhotite blebs and trace chalcopyrite blebs.	1328228	160.50	162.00	1.50	0.03					

DETAILED LOG

Hole Number: TL13313

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
162.00	180.96	MSS, Muscovite Sericite Schist MSS C-Zone from 162.00m-180.96m This C-Zone MSS has very strong patchy to semi-pervasive sericitic alteration and weak patchy silicification. This unit is moderately mineralized with 2% disseminated pyrite, 1% sphalerite in stringers, trace pyrite in stringers, trace galena blebs, trace pyrrhotite blebs and trace chalcopyrite blebs.	1328229	162.00	163.00	1.00	0.03				
			1328231	163.00	164.00	1.00	0.03				
			1328232	164.00	165.00	1.00	0.05				
			1328233	165.00	166.50	1.50	0.13				
			1328234	166.50	168.00	1.50	0.05				
			1328235	168.00	169.00	1.00	0.09				
			1328236	168.00	169.00	1.00	0.17				0.2
			1328237	169.00	170.00	1.00	1.35				0.9
			1328238	170.00	171.00	1.00	0.94				1.0
			1328239	171.00	172.00	1.00	0.05				0.0
			1328241	172.00	173.00	1.00	0.27				0.3
			1328242	173.00	174.00	1.00	0.04				
			1328243	174.00	175.50	1.50	0.02				
			1328244	175.50	177.00	1.50	0.03				
			1328245	177.00	178.50	1.50	0.02				
1328246	178.50	180.00	1.50	0.05							
1328247	180.00	181.00	1.00	0.08							
180.96	187.45	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration, strong patchy silicification and moderate patchy chloritic alteration. This unit is very poorly mineralized with trace disseminated pyrite and trace pyrite in stringers.	1328248	181.00	182.50	1.50	0.03				
			1328249	182.50	184.00	1.50	0.01				
			1328251	184.00	185.50	1.50	0.02				
			1328252	185.50	186.50	1.00	0.10				
			1328253	186.50	187.50	1.00	0.04				
187.45	200.33	MSS, Muscovite Sericite Schist MSS Possible D-Zone from 187.45m-200.33m This D-Zone MSS unit has very strong patchy sericitic alteration, weak to strong patchy silicification, and very weak patchy chloritic alteration. This unit is well mineralized with 1% disseminated pyrite, 1% pyrite in stringers, 4% sphalerite in stringers, trace to 1% galena blebs, trace pyrrhotite stringers, and trace chalcopyrite blebs. the best mineralized interval in this unit is from 193.9m-194.9m. Trace possible Au flecks. 2 possible flecks of VG found in smokey grey qtz veins w/ gal, sph and cpy. found at 199.28m depth	1328254	187.50	189.00	1.50	0.03				
			1328255	189.00	190.50	1.50	0.04				
			1328256	189.00	190.50	1.50	0.04				
			1328257	190.50	191.90	1.40	0.13				0.1
			1328258	191.90	192.90	1.00	0.11				0.2
			1328259	192.90	193.90	1.00	0.32				0.2
			1328261	193.90	194.90	1.00	4.63				
			1328262	194.90	195.90	1.00	1.31				1.1
			1328263	195.90	196.90	1.00	0.21				0.4
			1328264	196.90	197.90	1.00	0.10				0.0
			1328265	197.90	198.90	1.00	0.28				0.1
			1328266	198.90	199.40	0.50	8.95				
1328267	199.40	200.40	1.00	0.50				0.1			
200.33	210.00	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration, weak to strong patchy silicification, and very weak patchy chloritic alteration. This unit is very poorly mineralized with only trace disseminated pyrite.	1328268	200.40	201.50	1.10	0.02				0.0
			1328269	201.50	203.00	1.50	0.02				0.0
			1328271	203.00	204.50	1.50	0.12				0.2
			1328272	204.50	206.00	1.50	0.01				0.0
			1328273	206.00	207.00	1.00	0.08				0.0
			1328274	207.00	208.50	1.50	0.33				0.0
			1328275	208.50	210.00	1.50	0.03				
			1328276	208.50	210.00	1.50	0.05				

Hole Number: TL13313

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328131	40.50	42.00	0.0290				
1328132	42.00	43.50	0.0330				
1328133	43.50	45.00	0.3120				
1328134	45.00	46.50	0.4150				
1328135	46.50	48.00	0.1910				
1328137	48.00	49.50	0.0950				
1328138	49.50	51.00	0.0220				
1328139	51.00	52.00	0.0410				
1328141	52.00	53.00	0.0170				
1328142	53.00	54.50	0.0170				
1328143	54.50	56.00	0.0800				
1328144	56.00	57.00	0.0300				
1328145	57.00	58.00	0.0420				
1328146	58.00	59.50	0.0230				
1328147	59.50	61.00	0.0420				
1328148	61.00	62.50	0.0070				
1328149	62.50	64.00	0.0160				
1328151	64.00	65.50	0.0240				
1328152	65.50	67.00	0.0480				
1328153	67.00	68.50	0.0350				0.0570
1328154	68.50	70.00	0.1260				0.2090
1328155	70.00	71.50	2.3350				
1328157	71.50	73.00	1.1170				1.1180
1328158	73.00	74.50	0.2640				0.1440
1328159	74.50	76.00	0.0680				0.0710
1328161	76.00	77.50	0.0270				
1328162	77.50	79.00	0.0170				
1328163	79.00	80.50	0.0390				
1328164	80.50	82.00	0.0660				
1328165	82.00	83.50	0.0310				
1328166	83.50	85.00	0.0260				
1328167	85.00	86.50	0.0280				
1328168	86.50	88.00	0.0820				
1328169	88.00	89.50	0.0160				
1328171	89.50	91.00	0.0150				
1328172	91.00	92.50	0.0500				
1328173	92.50	94.00	0.0070				
1328174	94.00	95.50	0.0190				
1328175	95.50	97.00	0.0120				

Hole Number: TL13313

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328177	97.00	98.50	0.0050				
1328178	98.50	100.00	0.0020				
1328179	100.00	101.50	0.0100				
1328181	101.50	103.00	0.0100				
1328182	103.00	104.50	0.0170				
1328183	104.50	106.00	0.0330				
1328184	106.00	107.50	0.0090				
1328185	107.50	109.00	0.0100				
1328186	109.00	110.50	0.0130				
1328187	110.50	112.00	0.0110				
1328188	112.00	113.50	0.1450				
1328189	113.50	114.50	0.0100				
1328191	114.50	115.90	0.0170				
1328192	115.90	117.40	0.0080				
1328193	117.40	118.90	0.0070				
1328194	118.90	120.40	0.0110				
1328195	120.40	121.90	0.0110				
1328197	121.90	123.40	0.0250				
1328198	123.40	124.90	0.0060				
1328199	124.90	126.40	0.0090				
1328201	126.40	127.90	0.0060				
1328202	127.90	129.40	0.0040				
1328203	129.40	130.90	0.0530				
1328204	130.90	131.90	0.1130				0.1160
1328205	131.90	133.00	0.1050				0.1310
1328206	133.00	134.50	0.2080				0.1990
1328207	134.50	135.90	0.0810				0.1240
1328208	135.90	137.40	0.3470				0.2910
1328209	137.40	138.90	3.2330				1.9360
1328211	138.90	139.90	0.1350				0.1610
1328212	139.90	141.40	0.0260				0.0370
1328213	141.40	142.90	0.1350				0.2920
1328214	142.90	144.40	0.0670				
1328215	144.40	145.90	0.0350				
1328217	145.90	147.40	0.0090				
1328218	147.40	148.90	0.0130				
1328219	148.90	150.40	0.0240				
1328221	150.40	151.90	0.0170				
1328222	151.90	153.40	0.0220				

Hole Number: TL13313

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328223	153.40	154.90	0.0610				
1328224	154.90	156.40	0.0210				
1328225	156.40	157.90	0.0130				
1328226	157.90	159.10	0.0090				
1328227	159.10	160.50	0.0070				
1328228	160.50	162.00	0.0330				
1328229	162.00	163.00	0.0310				
1328231	163.00	164.00	0.0290				
1328232	164.00	165.00	0.0460				
1328233	165.00	166.50	0.1340				
1328234	166.50	168.00	0.0460				
1328235	168.00	169.00	0.0860				
1328237	169.00	170.00	1.3540				0.9130
1328238	170.00	171.00	0.9390				1.0830
1328239	171.00	172.00	0.0480				0.0710
1328241	172.00	173.00	0.2690				0.3520
1328242	173.00	174.00	0.0390				
1328243	174.00	175.50	0.0210				
1328244	175.50	177.00	0.0330				
1328245	177.00	178.50	0.0210				
1328246	178.50	180.00	0.0510				
1328247	180.00	181.00	0.0760				
1328248	181.00	182.50	0.0300				
1328249	182.50	184.00	0.0120				
1328251	184.00	185.50	0.0220				
1328252	185.50	186.50	0.1010				
1328253	186.50	187.50	0.0390				
1328254	187.50	189.00	0.0270				
1328255	189.00	190.50	0.0380				
1328257	190.50	191.90	0.1290				0.1430
1328258	191.90	192.90	0.1100				0.2140
1328259	192.90	193.90	0.3150				0.2780
1328261	193.90	194.90	4.6300				
1328262	194.90	195.90	1.3130				1.1610
1328263	195.90	196.90	0.2070				0.4010
1328264	196.90	197.90	0.0980				0.0770
1328265	197.90	198.90	0.2810				0.1910
1328266	198.90	199.40	8.9530				
1328267	199.40	200.40	0.5030				0.1540

Hole Number: TL13313

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328268	200.40	201.50	0.0200				0.0310
1328269	201.50	203.00	0.0150				0.0220
1328271	203.00	204.50	0.1220				0.2110
1328272	204.50	206.00	0.0140				0.0230
1328273	206.00	207.00	0.0820				0.0870
1328274	207.00	208.50	0.3270				0.0220
1328275	208.50	210.00	0.0310				
Sample Type	CDUP						
1328136	46.50	48.00	0.2020				
1328156	70.00	71.50	6.1240				
1328176	95.50	97.00	0.0220				
1328196	120.40	121.90	0.0100				
1328216	144.40	145.90	0.0070				
1328236	168.00	169.00	0.1670				0.2380
1328256	189.00	190.50	0.0430				
1328276	208.50	210.00	0.0530				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13313	40.5	42.0	1328131	1.00	3.38	34.00	255.00	1.00	15.00	0.60	2.00	16.00	20.00	25.00	1.32	0.01	20.00	0.55	468.00
TL13313	42.0	43.5	1328132	0.50	4.46	42.00	291.00	1.00	21.00	0.20	2.00	21.00	14.00	23.00	1.22	0.01	12.00	0.68	343.00
TL13313	43.5	45.0	1328133	1.00	4.18	57.00	114.00	1.00	10.00	0.01	2.00	15.00	2.00	20.00	1.21	0.01	11.00	0.72	382.00
TL13313	45.0	46.5	1328134	2.00	3.23	67.00	0.50	1.00	20.00	0.01	2.00	30.00	3.00	24.00	0.67	0.01	5.00	0.35	50.00
TL13313	46.5	48.0	1328135	3.00	2.23	46.00	0.50	1.00	4.00	0.01	2.00	15.00	0.50	13.00	0.67	0.01	6.00	0.30	50.00
TL13313	46.5	48.0	1328136	3.00	1.77	48.00	0.50	1.00	0.50	0.01	2.00	14.00	0.50	10.00	0.53	0.01	0.50	0.27	50.00
TL13313	48.0	49.5	1328137	2.00	3.34	49.00	13.00	1.00	3.00	0.01	2.00	13.00	0.50	10.00	0.99	0.01	10.00	0.65	523.00
TL13313	49.5	51.0	1328138	1.00	3.12	44.00	68.00	1.00	3.00	0.46	2.00	11.00	0.50	15.00	1.09	0.01	19.00	0.83	736.00
TL13313	51.0	52.0	1328139	0.50	2.31	34.00	85.00	1.00	30.00	0.54	2.00	7.00	2.00	15.00	0.98	0.01	12.00	0.57	597.00
TL13313	52.0	53.0	1328141	2.00	1.19	41.00	222.00	1.00	24.00	0.37	2.00	7.00	6.00	9.00	0.99	0.01	26.00	0.44	573.00
TL13313	53.0	54.5	1328142	1.00	3.03	32.00	349.00	2.00	17.00	0.92	2.00	8.00	5.00	9.00	1.48	0.01	26.00	0.82	614.00
TL13313	54.5	56.0	1328143	0.50	4.68	42.00	432.00	2.00	17.00	0.64	2.00	8.00	5.00	12.00	1.74	0.01	21.00	0.89	570.00
TL13313	56.0	57.0	1328144	0.50	4.76	38.00	366.00	1.00	14.00	0.96	2.00	7.00	2.00	15.00	1.70	0.01	14.00	1.06	589.00
TL13313	57.0	58.0	1328145	0.50	4.23	49.00	363.00	2.00	20.00	0.91	2.00	8.00	6.00	9.00	2.04	0.01	18.00	0.85	499.00
TL13313	58.0	59.5	1328146	1.00	5.15	36.00	351.00	2.00	33.00	0.64	2.00	9.00	12.00	10.00	1.54	0.12	31.00	0.89	597.00
TL13313	59.5	61.0	1328147	1.00	3.90	35.00	156.00	1.00	20.00	0.01	2.00	7.00	6.00	26.00	1.04	0.02	15.00	0.92	510.00
TL13313	61.0	62.5	1328148	0.50	3.89	24.00	137.00	2.00	0.50	0.01	2.00	9.00	5.00	28.00	1.22	0.01	20.00	1.04	552.00
TL13313	62.5	64.0	1328149	0.50	3.66	31.00	69.00	1.00	19.00	0.01	2.00	6.00	6.00	12.00	1.02	0.01	10.00	0.54	433.00
TL13313	64.0	65.5	1328151	0.50	3.75	35.00	172.00	1.00	17.00	0.01	2.00	6.00	0.50	5.00	1.21	0.02	14.00	0.74	635.00
TL13313	65.5	67.0	1328152	2.00	3.61	27.00	106.00	1.00	7.00	0.01	2.00	8.00	4.00	13.00	1.14	0.01	27.00	0.65	601.00
TL13313	67.0	68.5	1328153	2.00	3.70	31.00	81.00	1.00	7.00	0.01	2.00	6.00	7.00	27.00	1.03	0.01	28.00	0.61	566.00
TL13313	68.5	70.0	1328154	1.00	5.07	47.00	77.00	1.00	14.00	0.01	2.00	6.00	4.00	17.00	1.12	0.06	17.00	0.62	506.00
TL13313	70.0	71.5	1328155	0.50	4.88	42.00	291.00	1.00	26.00	0.01	2.00	7.00	13.00	17.00	1.26	0.09	16.00	0.83	650.00
TL13313	70.0	71.5	1328156	2.00	3.02	31.00	326.00	1.00	16.00	0.03	2.00	8.00	15.00	14.00	1.27	0.01	25.00	0.75	733.00
TL13313	71.5	73.0	1328157	4.00	4.28	49.00	327.00	1.00	12.00	0.56	2.00	11.00	12.00	14.00	1.73	0.03	18.00	1.34	1318.00
TL13313	73.0	74.5	1328158	0.50	3.86	29.00	133.00	1.00	18.00	0.01	2.00	9.00	14.00	10.00	1.24	0.05	13.00	0.89	697.00
TL13313	74.5	76.0	1328159	1.00	3.78	25.00	181.00	2.00	14.00	0.01	2.00	6.00	22.00	85.00	1.04	0.03	14.00	0.68	491.00
TL13313	76.0	77.5	1328161	1.00	2.62	32.00	188.00	1.00	12.00	0.01	2.00	9.00	26.00	14.00	1.29	0.04	18.00	0.71	469.00
TL13313	77.5	79.0	1328162	2.00	0.53	45.00	140.00	2.00	3.00	0.01	2.00	22.00	21.00	8.00	0.92	0.01	24.00	0.47	334.00
TL13313	79.0	80.5	1328163	2.00	3.03	53.00	31.00	2.00	16.00	0.08	2.00	8.00	27.00	17.00	1.99	0.01	32.00	0.99	737.00
TL13313	80.5	82.0	1328164	1.00	3.82	48.00	0.50	1.00	11.00	0.01	2.00	7.00	14.00	13.00	2.19	0.01	15.00	2.51	1184.00
TL13313	82.0	83.5	1328165	1.00	5.24	37.00	31.00	2.00	3.00	0.27	2.00	8.00	24.00	6.00	1.89	0.08	28.00	2.03	1131.00
TL13313	83.5	85.0	1328166	0.50	5.67	36.00	44.00	2.00	12.00	0.01	2.00	9.00	22.00	6.00	1.28	0.01	24.00	1.47	576.00
TL13313	85.0	86.5	1328167	1.00	4.19	28.00	113.00	1.00	13.00	0.01	2.00	9.00	25.00	8.00	0.97	0.01	24.00	0.78	378.00
TL13313	86.5	88.0	1328168	2.00	4.10	39.00	120.00	1.00	14.00	0.01	2.00	8.00	22.00	6.00	1.12	0.05	19.00	0.79	480.00
TL13313	88.0	89.5	1328169	0.50	3.55	31.00	135.00	1.00	18.00	0.01	2.00	9.00	15.00	5.00	0.89	0.05	17.00	0.63	307.00
TL13313	89.5	91.0	1328171	0.50	1.90	33.00	14.00	2.00	24.00	0.01	2.00	7.00	20.00	8.00	1.37	0.01	23.00	1.08	615.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13313	40.5	42.0	1328131	0.50	29.00	456.00	17.00	0.99	2.50	2.50	5.00	185.00	1942.00	1.00	52.00	5.00	6.00	201.00
TL13313	42.0	43.5	1328132	0.50	39.00	508.00	26.00	0.74	2.50	6.00	5.00	135.00	2027.00	1.00	47.00	5.00	7.00	137.00
TL13313	43.5	45.0	1328133	0.50	34.00	659.00	125.00	0.78	2.50	18.00	5.00	77.00	1773.00	1.00	33.00	5.00	7.00	273.00
TL13313	45.0	46.5	1328134	0.50	29.00	563.00	28.00	0.86	2.50	2.50	5.00	85.00	1440.00	1.00	33.00	5.00	5.00	225.00
TL13313	46.5	48.0	1328135	0.50	22.00	533.00	32.00	0.95	2.50	11.00	5.00	79.00	1413.00	1.00	29.00	5.00	5.00	42.00
TL13313	46.5	48.0	1328136	0.50	19.00	531.00	46.00	0.72	2.50	2.50	5.00	66.00	1349.00	1.00	28.00	5.00	4.00	88.00
TL13313	48.0	49.5	1328137	0.50	25.00	616.00	25.00	0.65	5.00	6.00	5.00	76.00	1942.00	1.00	37.00	5.00	5.00	41.00
TL13313	49.5	51.0	1328138	0.50	19.00	577.00	26.00	0.75	2.50	8.00	10.00	116.00	2124.00	1.00	37.00	5.00	5.00	32.00
TL13313	51.0	52.0	1328139	0.50	20.00	548.00	28.00	0.74	2.50	2.50	10.00	119.00	1920.00	1.00	33.00	5.00	4.00	45.00
TL13313	52.0	53.0	1328141	0.50	28.00	552.00	19.00	2.02	2.50	2.50	5.00	166.00	1999.00	1.00	32.00	5.00	4.00	61.00
TL13313	53.0	54.5	1328142	0.50	23.00	630.00	41.00	1.25	2.50	2.50	5.00	165.00	2299.00	1.00	39.00	5.00	5.00	61.00
TL13313	54.5	56.0	1328143	0.50	21.00	615.00	48.00	1.04	2.50	18.00	5.00	144.00	2162.00	19.00	36.00	5.00	7.00	86.00
TL13313	56.0	57.0	1328144	0.50	19.00	587.00	19.00	0.70	2.50	11.00	5.00	132.00	1924.00	1.00	33.00	5.00	8.00	38.00
TL13313	57.0	58.0	1328145	0.50	18.00	616.00	38.00	0.98	2.50	10.00	5.00	149.00	2124.00	1.00	37.00	5.00	7.00	85.00
TL13313	58.0	59.5	1328146	0.50	27.00	626.00	39.00	1.08	2.50	2.50	5.00	155.00	2195.00	1.00	40.00	5.00	7.00	57.00
TL13313	59.5	61.0	1328147	0.50	24.00	478.00	121.00	0.69	2.50	12.00	5.00	122.00	1802.00	1.00	31.00	5.00	6.00	261.00
TL13313	61.0	62.5	1328148	0.50	22.00	447.00	31.00	0.70	6.00	7.00	5.00	137.00	1824.00	6.00	30.00	5.00	6.00	88.00
TL13313	62.5	64.0	1328149	0.50	20.00	478.00	44.00	0.72	2.50	2.50	11.00	143.00	1482.00	1.00	30.00	5.00	5.00	48.00
TL13313	64.0	65.5	1328151	0.50	17.00	421.00	24.00	0.63	2.50	2.50	5.00	185.00	1621.00	1.00	31.00	5.00	5.00	32.00
TL13313	65.5	67.0	1328152	0.50	18.00	440.00	30.00	1.22	2.50	8.00	5.00	190.00	1602.00	1.00	31.00	5.00	5.00	58.00
TL13313	67.0	68.5	1328153	0.50	21.00	453.00	48.00	1.40	2.50	8.00	5.00	179.00	1491.00	5.00	31.00	5.00	5.00	88.00
TL13313	68.5	70.0	1328154	0.50	17.00	422.00	134.00	0.95	2.50	2.50	5.00	182.00	1436.00	1.00	28.00	5.00	6.00	96.00
TL13313	70.0	71.5	1328155	0.50	22.00	415.00	65.00	0.79	2.50	19.00	10.00	161.00	1585.00	1.00	29.00	5.00	7.00	130.00
TL13313	70.0	71.5	1328156	0.50	25.00	437.00	53.00	1.11	2.50	8.00	5.00	175.00	1669.00	1.00	30.00	5.00	5.00	98.00
TL13313	71.5	73.0	1328157	0.50	26.00	396.00	443.00	0.80	6.00	2.50	5.00	167.00	1570.00	1.00	30.00	5.00	7.00	357.00
TL13313	73.0	74.5	1328158	0.50	31.00	408.00	23.00	0.57	2.50	11.00	5.00	133.00	1637.00	1.00	35.00	5.00	6.00	50.00
TL13313	74.5	76.0	1328159	0.50	45.00	352.00	25.00	0.67	2.50	5.00	5.00	155.00	1730.00	7.00	32.00	5.00	5.00	76.00
TL13313	76.0	77.5	1328161	0.50	41.00	422.00	18.00	0.70	2.50	6.00	5.00	166.00	1813.00	1.00	36.00	5.00	5.00	33.00
TL13313	77.5	79.0	1328162	0.50	50.00	396.00	26.00	1.07	2.50	2.50	5.00	151.00	1669.00	1.00	33.00	5.00	3.00	39.00
TL13313	79.0	80.5	1328163	0.50	38.00	452.00	41.00	1.50	2.50	2.50	11.00	172.00	1412.00	1.00	38.00	5.00	5.00	74.00
TL13313	80.5	82.0	1328164	0.50	25.00	393.00	33.00	0.55	6.00	12.00	5.00	123.00	1025.00	19.00	28.00	5.00	6.00	109.00
TL13313	82.0	83.5	1328165	1.00	39.00	412.00	35.00	0.96	2.50	17.00	5.00	154.00	1256.00	3.00	34.00	5.00	7.00	140.00
TL13313	83.5	85.0	1328166	0.50	38.00	406.00	30.00	0.76	2.50	9.00	5.00	132.00	1556.00	3.00	40.00	5.00	7.00	39.00
TL13313	85.0	86.5	1328167	1.00	42.00	398.00	36.00	0.96	2.50	5.00	5.00	141.00	1524.00	1.00	38.00	5.00	6.00	54.00
TL13313	86.5	88.0	1328168	1.00	35.00	439.00	35.00	0.75	6.00	12.00	5.00	151.00	1690.00	1.00	40.00	5.00	6.00	138.00
TL13313	88.0	89.5	1328169	0.50	36.00	375.00	17.00	0.70	2.50	7.00	5.00	163.00	1483.00	1.00	34.00	5.00	5.00	24.00
TL13313	89.5	91.0	1328171	0.50	31.00	421.00	31.00	0.84	2.50	2.50	5.00	170.00	1401.00	1.00	39.00	5.00	5.00	50.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13313	91.0	92.5	1328172	1.00	1.72	41.00	0.50	1.00	12.00	0.01	2.00	7.00	22.00	24.00	1.49	0.01	22.00	1.01	521.00
TL13313	92.5	94.0	1328173	0.50	0.61	25.00	0.50	1.00	10.00	0.01	2.00	4.00	15.00	4.00	0.71	0.01	15.00	0.73	444.00
TL13313	94.0	95.5	1328174	2.00	1.71	24.00	0.50	2.00	19.00	0.01	2.00	5.00	21.00	7.00	0.83	0.01	27.00	0.61	463.00
TL13313	95.5	97.0	1328176	1.00	2.99	39.00	0.50	1.00	16.00	0.01	2.00	6.00	20.00	4.00	1.15	0.08	26.00	1.10	601.00
TL13313	95.5	97.0	1328175	0.50	5.32	31.00	0.50	2.00	9.00	0.01	2.00	7.00	28.00	6.00	1.32	0.02	21.00	1.42	655.00
TL13313	97.0	98.5	1328177	0.50	4.53	22.00	0.50	1.00	16.00	0.01	2.00	3.00	25.00	5.00	0.80	0.15	14.00	1.17	473.00
TL13313	98.5	100.0	1328178	0.50	4.23	20.00	0.50	1.00	16.00	0.01	2.00	4.00	17.00	2.00	0.77	0.03	17.00	1.23	573.00
TL13313	100.0	101.5	1328179	0.50	3.04	28.00	0.50	1.00	25.00	0.01	2.00	7.00	10.00	2.00	0.91	0.01	21.00	1.18	737.00
TL13313	101.5	103.0	1328181	0.50	3.28	24.00	0.50	1.00	2.00	0.01	2.00	8.00	10.00	2.00	0.90	0.03	17.00	1.74	809.00
TL13313	103.0	104.5	1328182	0.50	2.24	30.00	0.50	1.00	5.00	0.01	2.00	9.00	16.00	3.00	1.05	0.07	24.00	1.53	745.00
TL13313	104.5	106.0	1328183	0.50	3.02	45.00	44.00	1.00	18.00	0.01	2.00	9.00	13.00	11.00	1.90	0.08	27.00	1.12	535.00
TL13313	106.0	107.5	1328184	0.50	3.44	42.00	56.00	2.00	6.00	0.24	2.00	7.00	9.00	3.00	1.44	0.05	15.00	0.98	546.00
TL13313	107.5	109.0	1328185	0.50	3.18	37.00	47.00	2.00	11.00	0.39	2.00	6.00	3.00	6.00	1.23	0.01	27.00	1.07	782.00
TL13313	109.0	110.5	1328186	1.00	3.12	43.00	121.00	1.00	11.00	0.35	2.00	7.00	7.00	5.00	1.20	0.01	26.00	0.86	564.00
TL13313	110.5	112.0	1328187	0.50	4.04	26.00	0.50	1.00	17.00	0.34	2.00	4.00	2.00	5.00	0.83	0.01	11.00	0.83	409.00
TL13313	112.0	113.5	1328188	0.50	3.65	29.00	82.00	1.00	19.00	0.40	2.00	6.00	6.00	5.00	1.25	0.08	9.00	0.93	507.00
TL13313	113.5	114.5	1328189	0.50	3.21	30.00	64.00	2.00	15.00	0.17	2.00	6.00	12.00	4.00	1.35	0.03	11.00	0.59	332.00
TL13313	114.5	115.9	1328191	2.00	4.31	526.00	93.00	1.00	17.00	0.41	10.00	6.00	4.00	1000.00	1.72	0.08	15.00	0.82	450.00
TL13313	115.9	117.4	1328192	0.50	3.45	36.00	134.00	1.00	6.00	0.60	2.00	6.00	26.00	24.00	1.59	0.01	9.00	0.63	367.00
TL13313	117.4	118.9	1328193	0.50	2.91	16.00	159.00	1.00	14.00	0.49	2.00	6.00	26.00	3.00	1.75	0.03	9.00	0.55	306.00
TL13313	118.9	120.4	1328194	0.50	3.41	17.00	193.00	1.00	19.00	0.58	2.00	6.00	27.00	4.00	1.72	0.01	15.00	0.87	409.00
TL13313	120.4	121.9	1328195	0.50	3.54	18.00	190.00	2.00	8.00	0.90	2.00	6.00	20.00	6.00	1.69	0.01	15.00	0.95	482.00
TL13313	120.4	121.9	1328196	0.50	3.51	24.00	194.00	2.00	8.00	1.07	2.00	5.00	15.00	6.00	1.70	0.07	17.00	0.95	493.00
TL13313	121.9	123.4	1328197	1.00	4.40	30.00	213.00	2.00	4.00	1.62	2.00	7.00	49.00	13.00	2.02	0.18	17.00	1.32	794.00
TL13313	123.4	124.9	1328198	0.50	2.51	22.00	98.00	1.00	11.00	0.94	2.00	7.00	14.00	6.00	1.37	0.18	19.00	1.09	662.00
TL13313	124.9	126.4	1328199	0.50	2.09	28.00	293.00	1.00	8.00	0.94	2.00	5.00	13.00	4.00	1.33	0.13	15.00	1.03	691.00
TL13313	126.4	127.9	1328201	0.50	4.32	24.00	529.00	2.00	16.00	0.97	2.00	5.00	16.00	4.00	1.45	0.17	18.00	1.28	582.00
TL13313	127.9	129.4	1328202	0.50	6.02	21.00	180.00	2.00	42.00	0.91	2.00	5.00	10.00	8.00	1.54	0.12	18.00	1.51	491.00
TL13313	129.4	130.9	1328203	2.00	4.08	37.00	202.00	2.00	36.00	1.51	2.00	8.00	26.00	59.00	2.04	0.02	15.00	1.40	856.00
TL13313	130.9	131.9	1328204	2.00	2.85	63.00	77.00	2.00	23.00	0.86	4.00	18.00	162.00	81.00	3.54	0.63	14.00	1.25	973.00
TL13313	131.9	133.0	1328205	2.00	3.90	62.00	180.00	2.00	7.00	0.90	2.00	17.00	176.00	57.00	3.37	0.05	18.00	1.22	898.00
TL13313	133.0	134.5	1328206	0.50	3.51	41.00	356.00	1.00	18.00	0.59	2.00	8.00	18.00	22.00	1.64	0.11	21.00	0.99	641.00
TL13313	134.5	135.9	1328207	1.00	1.97	34.00	346.00	2.00	2.00	0.47	2.00	6.00	28.00	15.00	1.56	0.14	22.00	0.88	721.00
TL13313	135.9	137.4	1328208	0.50	2.10	22.00	368.00	1.00	19.00	0.39	2.00	7.00	19.00	13.00	1.24	0.17	24.00	0.97	581.00
TL13313	137.4	138.9	1328209	2.00	3.09	32.00	381.00	1.00	13.00	0.64	2.00	6.00	35.00	18.00	1.53	0.09	23.00	1.10	699.00
TL13313	138.9	139.9	1328211	0.50	4.95	30.00	408.00	1.00	9.00	0.43	2.00	7.00	16.00	24.00	1.55	0.17	24.00	1.33	683.00
TL13313	139.9	141.4	1328212	1.00	5.54	33.00	320.00	1.00	15.00	2.17	2.00	6.00	29.00	52.00	1.57	0.08	21.00	1.36	777.00
TL13313	141.4	142.9	1328213	0.50	4.84	30.00	281.00	1.00	3.00	0.98	2.00	7.00	23.00	8.00	1.50	0.10	23.00	1.66	638.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13313	91.0	92.5	1328172	0.50	37.00	377.00	44.00	0.84	2.50	7.00	5.00	152.00	1338.00	1.00	31.00	5.00	4.00	98.00
TL13313	92.5	94.0	1328173	0.50	38.00	331.00	40.00	0.83	2.50	7.00	5.00	151.00	1331.00	1.00	28.00	5.00	3.00	59.00
TL13313	94.0	95.5	1328174	3.00	42.00	364.00	43.00	1.42	2.50	6.00	5.00	174.00	1468.00	1.00	29.00	5.00	4.00	38.00
TL13313	95.5	97.0	1328176	0.50	34.00	380.00	55.00	1.16	2.50	2.50	5.00	163.00	1289.00	1.00	32.00	5.00	5.00	54.00
TL13313	95.5	97.0	1328175	0.50	41.00	457.00	51.00	0.84	2.50	9.00	5.00	165.00	1209.00	32.00	32.00	5.00	7.00	57.00
TL13313	97.0	98.5	1328177	0.50	43.00	360.00	24.00	0.69	2.50	5.00	5.00	134.00	1051.00	1.00	29.00	5.00	6.00	31.00
TL13313	98.5	100.0	1328178	0.50	35.00	391.00	17.00	0.74	2.50	5.00	5.00	157.00	988.00	1.00	29.00	5.00	5.00	20.00
TL13313	100.0	101.5	1328179	0.50	32.00	397.00	20.00	0.80	2.50	2.50	5.00	168.00	1058.00	1.00	29.00	5.00	4.00	45.00
TL13313	101.5	103.0	1328181	0.50	35.00	376.00	16.00	0.59	2.50	2.50	5.00	134.00	848.00	1.00	28.00	5.00	5.00	61.00
TL13313	103.0	104.5	1328182	0.50	32.00	383.00	30.00	0.73	2.50	2.50	5.00	118.00	1353.00	1.00	32.00	5.00	4.00	47.00
TL13313	104.5	106.0	1328183	0.50	31.00	403.00	20.00	0.80	5.00	2.50	5.00	119.00	1659.00	1.00	32.00	5.00	5.00	49.00
TL13313	106.0	107.5	1328184	0.50	28.00	364.00	32.00	0.80	2.50	2.50	5.00	139.00	1733.00	1.00	30.00	5.00	5.00	35.00
TL13313	107.5	109.0	1328185	0.50	22.00	358.00	24.00	1.04	2.50	9.00	5.00	131.00	1543.00	1.00	28.00	5.00	5.00	83.00
TL13313	109.0	110.5	1328186	0.50	26.00	361.00	25.00	1.15	2.50	8.00	5.00	151.00	1657.00	17.00	29.00	5.00	5.00	29.00
TL13313	110.5	112.0	1328187	0.50	20.00	287.00	11.00	0.87	2.50	2.50	5.00	133.00	1187.00	12.00	20.00	5.00	7.00	5.00
TL13313	112.0	113.5	1328188	0.50	25.00	354.00	22.00	0.62	2.50	2.50	5.00	157.00	1409.00	1.00	27.00	5.00	6.00	96.00
TL13313	113.5	114.5	1328189	0.50	38.00	347.00	21.00	0.72	2.50	13.00	5.00	152.00	1485.00	1.00	27.00	5.00	5.00	55.00
TL13313	114.5	115.9	1328191	4.00	20.00	369.00	425.00	0.69	2.50	9.00	50.00	167.00	1467.00	1.00	27.00	38.00	8.00	3327.00
TL13313	115.9	117.4	1328192	6.00	73.00	331.00	22.00	0.72	2.50	2.50	5.00	154.00	1469.00	1.00	28.00	5.00	6.00	86.00
TL13313	117.4	118.9	1328193	3.00	66.00	342.00	8.00	0.70	2.50	5.00	5.00	149.00	1644.00	1.00	29.00	5.00	5.00	30.00
TL13313	118.9	120.4	1328194	3.00	57.00	372.00	9.00	0.73	2.50	2.50	5.00	156.00	1643.00	1.00	29.00	5.00	5.00	35.00
TL13313	120.4	121.9	1328195	0.50	51.00	345.00	27.00	0.76	2.50	2.50	5.00	156.00	1550.00	1.00	28.00	5.00	5.00	45.00
TL13313	120.4	121.9	1328196	0.50	45.00	346.00	29.00	0.85	2.50	2.50	5.00	165.00	1646.00	11.00	29.00	5.00	5.00	56.00
TL13313	121.9	123.4	1328197	7.00	103.00	439.00	27.00	0.85	8.00	14.00	5.00	160.00	1693.00	20.00	36.00	5.00	6.00	33.00
TL13313	123.4	124.9	1328198	0.50	45.00	354.00	21.00	0.85	2.50	2.50	5.00	132.00	1579.00	1.00	28.00	5.00	4.00	23.00
TL13313	124.9	126.4	1328199	0.50	44.00	366.00	23.00	0.80	2.50	13.00	5.00	119.00	1660.00	5.00	30.00	5.00	4.00	33.00
TL13313	126.4	127.9	1328201	1.00	48.00	375.00	18.00	0.93	2.50	2.50	5.00	125.00	1557.00	4.00	28.00	5.00	6.00	26.00
TL13313	127.9	129.4	1328202	0.50	36.00	368.00	30.00	0.77	2.50	2.50	10.00	130.00	1626.00	12.00	29.00	5.00	8.00	39.00
TL13313	129.4	130.9	1328203	0.50	40.00	367.00	436.00	0.87	6.00	9.00	5.00	127.00	1462.00	1.00	34.00	5.00	7.00	465.00
TL13313	130.9	131.9	1328204	12.00	176.00	457.00	516.00	0.72	2.50	2.50	5.00	104.00	2153.00	1.00	74.00	5.00	11.00	726.00
TL13313	131.9	133.0	1328205	16.00	192.00	468.00	335.00	0.86	2.50	8.00	5.00	115.00	2194.00	1.00	72.00	5.00	12.00	466.00
TL13313	133.0	134.5	1328206	0.50	45.00	478.00	43.00	0.84	2.50	2.50	5.00	145.00	1911.00	1.00	37.00	5.00	6.00	64.00
TL13313	134.5	135.9	1328207	4.00	64.00	365.00	44.00	0.98	2.50	2.50	5.00	156.00	1693.00	1.00	31.00	5.00	4.00	207.00
TL13313	135.9	137.4	1328208	1.00	49.00	308.00	16.00	0.83	2.50	2.50	5.00	163.00	1613.00	1.00	27.00	5.00	4.00	13.00
TL13313	137.4	138.9	1328209	7.00	76.00	327.00	109.00	0.85	2.50	6.00	5.00	159.00	1613.00	4.00	29.00	5.00	5.00	171.00
TL13313	138.9	139.9	1328211	1.00	49.00	322.00	353.00	0.82	2.50	6.00	12.00	155.00	1613.00	1.00	26.00	5.00	7.00	498.00
TL13313	139.9	141.4	1328212	3.00	67.00	341.00	68.00	0.92	2.50	5.00	5.00	106.00	1490.00	10.00	25.00	5.00	8.00	384.00
TL13313	141.4	142.9	1328213	1.00	60.00	317.00	246.00	0.69	2.50	13.00	5.00	114.00	1551.00	1.00	25.00	5.00	7.00	533.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13313	142.9	144.4	1328214	0.50	4.27	30.00	286.00	2.00	23.00	0.77	2.00	7.00	53.00	7.00	1.63	0.07	30.00	1.50	581.00
TL13313	144.4	145.9	1328215	1.00	4.73	30.00	605.00	1.00	19.00	0.99	2.00	7.00	21.00	35.00	1.44	0.03	25.00	1.69	677.00
TL13313	144.4	145.9	1328216	0.50	3.49	17.00	619.00	1.00	15.00	0.91	2.00	7.00	12.00	32.00	1.35	0.11	24.00	1.63	694.00
TL13313	145.9	147.4	1328217	0.50	4.28	25.00	292.00	1.00	25.00	0.47	2.00	6.00	14.00	10.00	1.30	0.13	23.00	1.48	529.00
TL13313	147.4	148.9	1328218	0.50	3.19	21.00	308.00	2.00	7.00	0.39	2.00	6.00	27.00	56.00	1.37	0.19	23.00	1.34	635.00
TL13313	148.9	150.4	1328219	3.00	2.16	18.00	0.50	1.00	17.00	0.60	2.00	2.00	41.00	49.00	1.02	0.10	13.00	1.07	583.00
TL13313	150.4	151.9	1328221	0.50	3.77	25.00	322.00	1.00	19.00	0.90	2.00	6.00	27.00	20.00	1.52	0.09	18.00	1.37	617.00
TL13313	151.9	153.4	1328222	0.50	5.00	17.00	238.00	1.00	0.50	0.51	2.00	7.00	51.00	15.00	1.52	0.19	22.00	1.19	407.00
TL13313	153.4	154.9	1328223	0.50	5.03	29.00	282.00	1.00	29.00	0.58	2.00	7.00	26.00	11.00	1.49	0.08	24.00	1.40	504.00
TL13313	154.9	156.4	1328224	0.50	4.57	23.00	198.00	2.00	9.00	0.71	2.00	7.00	4.00	18.00	1.19	0.11	28.00	1.50	414.00
TL13313	156.4	157.9	1328225	0.50	5.57	17.00	235.00	1.00	10.00	0.38	2.00	6.00	0.50	21.00	1.19	0.15	31.00	1.92	510.00
TL13313	157.9	159.1	1328226	0.50	4.16	21.00	352.00	2.00	13.00	0.51	2.00	6.00	2.00	9.00	1.40	0.10	30.00	1.75	593.00
TL13313	159.1	160.5	1328227	0.50	5.33	35.00	307.00	1.00	11.00	0.53	2.00	7.00	0.50	8.00	1.34	0.20	21.00	1.76	473.00
TL13313	160.5	162.0	1328228	0.50	5.32	30.00	224.00	1.00	30.00	0.81	2.00	6.00	0.50	20.00	1.73	0.24	17.00	2.27	975.00
TL13313	162.0	163.0	1328229	0.50	3.76	31.00	261.00	1.00	12.00	0.01	2.00	6.00	7.00	9.00	1.56	0.14	30.00	1.91	578.00
TL13313	163.0	164.0	1328231	2.00	1.76	28.00	265.00	2.00	19.00	0.53	8.00	7.00	4.00	24.00	1.50	0.12	32.00	1.45	657.00
TL13313	164.0	165.0	1328232	0.50	1.66	28.00	349.00	1.00	8.00	0.36	2.00	7.00	6.00	9.00	1.36	0.01	31.00	1.34	638.00
TL13313	165.0	166.5	1328233	2.00	4.77	29.00	254.00	1.00	30.00	0.01	2.00	6.00	7.00	55.00	1.37	0.12	24.00	1.39	539.00
TL13313	166.5	168.0	1328234	1.00	4.31	58.00	278.00	1.00	12.00	0.01	2.00	8.00	3.00	24.00	1.23	0.03	27.00	1.19	364.00
TL13313	168.0	169.0	1328235	0.50	4.31	34.00	228.00	1.00	20.00	0.01	2.00	6.00	8.00	7.00	1.14	0.13	16.00	0.83	248.00
TL13313	168.0	169.0	1328236	1.00	3.83	39.00	214.00	1.00	1.00	0.01	2.00	6.00	12.00	12.00	1.20	0.18	20.00	0.79	278.00
TL13313	169.0	170.0	1328237	11.00	3.03	59.00	228.00	1.00	7.00	0.01	2.00	7.00	12.00	45.00	1.38	0.06	4.00	0.37	50.00
TL13313	170.0	171.0	1328238	5.00	1.48	62.00	244.00	1.00	16.00	0.01	6.00	6.00	19.00	72.00	1.75	0.18	8.00	0.30	50.00
TL13313	171.0	172.0	1328239	3.00	10.81	34.00	664.00	1.00	47.00	1.64	2.00	11.00	74.00	57.00	1.93	0.87	45.00	1.04	568.00
TL13313	172.0	173.0	1328241	7.00	3.11	30.00	418.00	1.00	20.00	0.45	6.00	8.00	20.00	138.00	1.46	0.06	14.00	0.93	771.00
TL13313	173.0	174.0	1328242	4.00	0.54	42.00	995.00	1.00	20.00	0.60	2.00	8.00	36.00	36.00	1.23	0.01	15.00	0.39	472.00
TL13313	174.0	175.5	1328243	1.00	1.03	30.00	459.00	1.00	10.00	0.01	2.00	7.00	10.00	14.00	1.17	0.10	9.00	0.66	791.00
TL13313	175.5	177.0	1328244	0.50	3.99	28.00	438.00	1.00	10.00	0.01	2.00	6.00	13.00	17.00	1.00	0.19	0.50	0.49	209.00
TL13313	177.0	178.5	1328245	0.50	4.35	32.00	354.00	1.00	16.00	0.01	2.00	6.00	15.00	9.00	1.00	0.14	6.00	0.71	328.00
TL13313	178.5	180.0	1328246	0.50	4.11	39.00	254.00	1.00	24.00	0.01	2.00	7.00	23.00	17.00	1.38	0.20	13.00	1.24	464.00
TL13313	180.0	181.0	1328247	0.50	3.44	30.00	264.00	1.00	15.00	0.24	2.00	7.00	11.00	20.00	1.25	0.18	17.00	1.14	1064.00
TL13313	181.0	182.5	1328248	2.00	5.18	33.00	488.00	1.00	17.00	0.56	2.00	6.00	10.00	12.00	1.36	0.19	15.00	1.73	568.00
TL13313	182.5	184.0	1328249	4.00	10.37	16.00	555.00	2.00	60.00	1.34	2.00	4.00	32.00	3.00	1.17	1.05	53.00	1.52	261.00
TL13313	184.0	185.5	1328251	3.00	4.26	40.00	553.00	1.00	22.00	0.65	2.00	6.00	24.00	5.00	1.48	0.07	37.00	2.40	266.00
TL13313	185.5	186.5	1328252	3.00	3.80	44.00	500.00	1.00	19.00	0.78	2.00	6.00	19.00	46.00	1.37	0.01	35.00	1.90	277.00
TL13313	186.5	187.5	1328253	5.00	3.19	37.00	906.00	2.00	6.00	1.85	2.00	7.00	58.00	9.00	1.32	0.01	54.00	1.48	397.00
TL13313	187.5	189.0	1328254	4.00	2.64	36.00	758.00	1.00	9.00	1.62	2.00	6.00	33.00	6.00	1.22	0.02	39.00	1.61	289.00
TL13313	189.0	190.5	1328255	4.00	2.39	38.00	727.00	1.00	8.00	1.09	2.00	7.00	27.00	14.00	1.14	0.03	20.00	0.74	229.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13313	142.9	144.4	1328214	9.00	118.00	326.00	18.00	0.85	2.50	5.00	5.00	154.00	1721.00	1.00	30.00	5.00	6.00	41.00
TL13313	144.4	145.9	1328215	3.00	58.00	341.00	119.00	0.78	2.50	2.50	12.00	127.00	1607.00	1.00	26.00	5.00	7.00	122.00
TL13313	144.4	145.9	1328216	0.50	40.00	326.00	207.00	0.75	2.50	10.00	5.00	130.00	1578.00	4.00	25.00	5.00	6.00	220.00
TL13313	145.9	147.4	1328217	0.50	43.00	307.00	27.00	0.69	2.50	7.00	5.00	130.00	1641.00	1.00	26.00	5.00	6.00	47.00
TL13313	147.4	148.9	1328218	4.00	70.00	297.00	81.00	0.84	2.50	2.50	5.00	143.00	1622.00	1.00	26.00	5.00	5.00	116.00
TL13313	148.9	150.4	1328219	7.00	78.00	158.00	590.00	1.04	2.50	9.00	5.00	123.00	758.00	1.00	14.00	5.00	6.00	577.00
TL13313	150.4	151.9	1328221	5.00	69.00	320.00	33.00	0.72	2.50	2.50	5.00	150.00	1694.00	1.00	27.00	5.00	5.00	61.00
TL13313	151.9	153.4	1328222	10.00	109.00	304.00	15.00	0.84	2.50	2.50	5.00	147.00	1573.00	1.00	27.00	5.00	7.00	35.00
TL13313	153.4	154.9	1328223	3.00	68.00	350.00	25.00	0.73	6.00	8.00	5.00	175.00	1741.00	1.00	28.00	5.00	7.00	37.00
TL13313	154.9	156.4	1328224	0.50	22.00	313.00	8.00	0.75	2.50	13.00	5.00	143.00	1585.00	1.00	24.00	5.00	6.00	15.00
TL13313	156.4	157.9	1328225	0.50	16.00	330.00	6.00	0.75	2.50	2.50	5.00	107.00	1694.00	3.00	25.00	5.00	7.00	6.00
TL13313	157.9	159.1	1328226	0.50	20.00	307.00	46.00	0.69	2.50	6.00	5.00	135.00	1652.00	1.00	25.00	5.00	6.00	78.00
TL13313	159.1	160.5	1328227	0.50	20.00	324.00	18.00	0.67	2.50	6.00	5.00	130.00	1511.00	20.00	24.00	5.00	7.00	29.00
TL13313	160.5	162.0	1328228	0.50	14.00	318.00	61.00	0.74	2.50	16.00	5.00	136.00	1487.00	1.00	23.00	5.00	8.00	349.00
TL13313	162.0	163.0	1328229	0.50	29.00	290.00	51.00	0.79	2.50	2.50	5.00	106.00	1472.00	28.00	23.00	5.00	6.00	379.00
TL13313	163.0	164.0	1328231	0.50	26.00	271.00	398.00	0.93	2.50	2.50	5.00	99.00	1595.00	5.00	24.00	27.00	4.00	2219.00
TL13313	164.0	165.0	1328232	0.50	28.00	292.00	41.00	1.01	2.50	14.00	11.00	119.00	1663.00	2.00	25.00	5.00	3.00	205.00
TL13313	165.0	166.5	1328233	0.50	17.00	306.00	231.00	0.79	7.00	2.50	5.00	117.00	1455.00	9.00	26.00	18.00	7.00	961.00
TL13313	166.5	168.0	1328234	0.50	19.00	397.00	106.00	0.96	2.50	2.50	5.00	109.00	1642.00	1.00	27.00	5.00	6.00	719.00
TL13313	168.0	169.0	1328235	0.50	24.00	365.00	38.00	0.82	2.50	2.50	5.00	75.00	1478.00	1.00	26.00	5.00	6.00	28.00
TL13313	168.0	169.0	1328236	0.50	31.00	372.00	35.00	1.01	2.50	2.50	5.00	80.00	1510.00	6.00	27.00	5.00	5.00	27.00
TL13313	169.0	170.0	1328237	0.50	17.00	324.00	53.00	0.80	11.00	6.00	5.00	76.00	1242.00	1.00	27.00	5.00	5.00	29.00
TL13313	170.0	171.0	1328238	0.50	38.00	308.00	453.00	0.95	5.00	7.00	5.00	74.00	1179.00	1.00	36.00	21.00	4.00	2166.00
TL13313	171.0	172.0	1328239	6.00	53.00	471.00	206.00	1.21	6.00	9.00	13.00	91.00	1755.00	10.00	58.00	5.00	8.00	198.00
TL13313	172.0	173.0	1328241	1.00	39.00	363.00	982.00	0.82	6.00	2.50	5.00	89.00	1629.00	1.00	42.00	31.00	5.00	2679.00
TL13313	173.0	174.0	1328242	4.00	44.00	490.00	86.00	1.08	2.50	10.00	5.00	104.00	1804.00	1.00	43.00	5.00	1.00	392.00
TL13313	174.0	175.5	1328243	0.50	36.00	327.00	50.00	0.87	2.50	2.50	5.00	94.00	1556.00	1.00	36.00	5.00	3.00	327.00
TL13313	175.5	177.0	1328244	0.50	37.00	382.00	35.00	0.55	2.50	2.50	5.00	64.00	1417.00	1.00	38.00	5.00	5.00	31.00
TL13313	177.0	178.5	1328245	1.00	43.00	372.00	49.00	0.68	2.50	8.00	5.00	78.00	1408.00	5.00	40.00	5.00	5.00	25.00
TL13313	178.5	180.0	1328246	3.00	54.00	372.00	54.00	0.67	2.50	8.00	5.00	80.00	1338.00	1.00	44.00	5.00	5.00	120.00
TL13313	180.0	181.0	1328247	0.50	34.00	340.00	40.00	0.88	2.50	14.00	5.00	98.00	1454.00	1.00	37.00	5.00	5.00	46.00
TL13313	181.0	182.5	1328248	0.50	29.00	325.00	34.00	0.55	2.50	9.00	5.00	96.00	1272.00	15.00	28.00	5.00	2.00	63.00
TL13313	182.5	184.0	1328249	8.00	44.00	366.00	18.00	1.30	2.50	12.00	10.00	113.0	1025.00	12.00	31.00	5.00	6.00	35.00
TL13313	184.0	185.5	1328251	4.00	38.00	310.00	34.00	0.95	2.50	2.50	5.00	113.00	1104.00	1.00	29.00	5.00	1.00	36.00
TL13313	185.5	186.5	1328252	2.00	25.00	305.00	39.00	0.84	2.50	2.50	5.00	121.00	1054.00	1.00	28.00	5.00	1.00	55.00
TL13313	186.5	187.5	1328253	9.00	45.00	345.00	50.00	1.65	2.50	15.00	5.00	164.00	1305.00	11.00	36.00	5.00	1.00	97.00
TL13313	187.5	189.0	1328254	4.00	26.00	319.00	39.00	1.33	5.00	10.00	5.00	133.00	1348.00	9.00	33.00	5.00	1.00	28.00
TL13313	189.0	190.5	1328255	3.00	28.00	266.00	68.00	1.12	2.50	5.00	5.00	111.00	1433.00	1.00	32.00	5.00	1.00	59.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13313	189.0	190.5	1328256	3.00	2.42	37.00	689.00	1.00	16.00	0.93	2.00	6.00	70.00	16.00	1.37	0.08	20.00	0.85	255.00
TL13313	190.5	191.9	1328257	4.00	1.59	278.00	688.00	1.00	16.00	1.25	2.00	11.00	94.00	42.00	1.76	0.01	21.00	0.53	245.00
TL13313	191.9	192.9	1328258	4.00	1.98	105.00	527.00	1.00	6.00	0.39	2.00	20.00	196.00	41.00	2.66	0.02	19.00	0.33	164.00
TL13313	192.9	193.9	1328259	5.00	2.26	66.00	594.00	2.00	30.00	0.81	2.00	21.00	202.00	79.00	2.66	0.01	20.00	0.34	209.00
TL13313	193.9	194.9	1328261	49.00	5.48	127.00	641.00	1.00	7.00	0.34	50.00	9.00	134.00	424.00	2.01	0.01	12.00	0.28	105.00
TL13313	194.9	195.9	1328262	14.00	4.34	79.00	595.00	1.00	9.00	0.30	5.00	7.00	96.00	99.00	1.51	0.01	10.00	0.19	50.00
TL13313	195.9	196.9	1328263	5.00	5.26	41.00	695.00	1.00	2.00	1.00	2.00	8.00	73.00	43.00	1.61	0.01	23.00	0.53	215.00
TL13313	196.9	197.9	1328264	6.00	5.17	42.00	1022.00	1.00	19.00	2.55	2.00	10.00	119.00	11.00	2.05	0.01	33.00	0.67	406.00
TL13313	197.9	198.9	1328265	5.00	4.72	40.00	895.00	2.00	29.00	2.09	2.00	8.00	69.00	22.00	1.61	0.05	32.00	0.57	334.00
TL13313	198.9	199.4	1328266	142.00	2.58	105.00	536.00	2.00	12.00	0.26	2.00	8.00	51.00	142.00	1.12	0.08	10.00	0.13	50.00
TL13313	199.4	200.4	1328267	6.00	3.07	40.00	695.00	1.00	15.00	0.60	2.00	9.00	67.00	16.00	1.36	0.10	19.00	0.27	136.00
TL13313	200.4	201.5	1328268	4.00	2.62	24.00	729.00	1.00	4.00	2.07	2.00	10.00	86.00	18.00	1.98	0.09	29.00	0.57	408.00
TL13313	201.5	203.0	1328269	3.00	2.80	33.00	748.00	1.00	15.00	2.35	2.00	10.00	50.00	9.00	1.94	0.06	24.00	0.65	420.00
TL13313	203.0	204.5	1328271	3.00	7.02	39.00	641.00	1.00	36.00	2.86	2.00	8.00	55.00	19.00	1.92	0.04	28.00	0.98	503.00
TL13313	204.5	206.0	1328272	3.00	7.38	26.00	677.00	2.00	28.00	2.50	2.00	12.00	95.00	15.00	2.01	0.01	26.00	1.54	537.00
TL13313	206.0	207.0	1328273	4.00	7.08	44.00	564.00	1.00	26.00	1.57	2.00	9.00	75.00	15.00	1.70	0.01	21.00	0.66	315.00
TL13313	207.0	208.5	1328274	3.00	6.78	26.00	472.00	1.00	8.00	1.65	2.00	9.00	60.00	10.00	1.74	0.01	22.00	0.81	335.00
TL13313	208.5	210.0	1328275	5.00	4.17	25.00	694.00	1.00	6.00	2.23	2.00	9.00	107.00	25.00	2.06	0.01	31.00	0.69	399.00
TL13313	208.5	210.0	1328276	5.00	4.67	28.00	753.00	2.00	16.00	2.50	2.00	9.00	53.00	25.00	1.81	0.01	33.00	0.74	410.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13313	189.0	190.5	1328256	17.00	112.00	289.00	67.00	1.01	2.50	2.50	5.00	105.00	1457.00	14.00	29.00	5.00	1.00	58.00
TL13313	190.5	191.9	1328257	11.00	97.00	372.00	71.00	1.29	2.50	2.50	5.00	117.00	1637.00	15.00	48.00	5.00	1.00	95.00
TL13313	191.9	192.9	1328258	11.00	144.00	489.00	87.00	1.03	2.50	2.50	11.00	100.00	1917.00	1.00	116.00	10.00	4.00	111.00
TL13313	192.9	193.9	1328259	13.00	151.00	531.00	122.00	1.19	13.00	2.50	5.00	110.00	1821.00	1.00	102.00	5.00	3.00	84.00
TL13313	193.9	194.9	1328261	31.00	192.00	351.00	2861.00	0.96	99.00	5.00	5.00	101.00	1420.00	1.00	53.00	105.00	3.00	13106.00
TL13313	194.9	195.9	1328262	23.00	160.00	555.00	678.00	0.92	31.00	2.50	5.00	98.00	1191.00	1.00	35.00	24.00	2.00	1766.00
TL13313	195.9	196.9	1328263	14.00	108.00	507.00	152.00	1.07	2.50	13.00	5.00	122.00	1743.00	1.00	38.00	16.00	1.00	667.00
TL13313	196.9	197.9	1328264	25.00	176.00	472.00	64.00	1.59	2.50	2.50	5.00	179.00	2155.00	1.00	44.00	5.00	1.00	140.00
TL13313	197.9	198.9	1328265	14.00	88.00	433.00	73.00	1.36	2.50	8.00	5.00	171.00	2045.00	16.00	39.00	5.00	1.00	200.00
TL13313	198.9	199.4	1328266	13.00	86.00	337.00	1660.00	0.96	93.00	17.00	5.00	93.00	1626.00	1.00	33.00	20.00	1.00	1406.00
TL13313	199.4	200.4	1328267	10.00	98.00	462.00	66.00	0.98	2.50	15.00	5.00	115.00	2007.00	1.00	42.00	10.00	1.00	79.00
TL13313	200.4	201.5	1328268	17.00	149.00	436.00	37.00	1.06	5.00	2.50	5.00	156.00	2051.00	1.00	43.00	5.00	1.00	39.00
TL13313	201.5	203.0	1328269	8.00	70.00	457.00	31.00	1.04	6.00	2.50	5.00	163.00	2094.00	1.00	41.00	5.00	1.00	41.00
TL13313	203.0	204.5	1328271	9.00	82.00	510.00	77.00	0.85	2.50	9.00	5.00	175.00	1959.00	15.00	40.00	5.00	2.00	86.00
TL13313	204.5	206.0	1328272	4.00	88.00	763.00	37.00	0.84	2.50	7.00	16.00	202.00	2295.00	1.00	47.00	5.00	4.00	58.00
TL13313	206.0	207.0	1328273	14.00	120.00	456.00	74.00	1.02	2.50	2.50	5.00	169.00	2030.00	1.00	41.00	5.00	2.00	115.00
TL13313	207.0	208.5	1328274	10.00	91.00	489.00	29.00	0.89	2.50	9.00	5.00	177.00	1976.00	1.00	40.00	5.00	2.00	44.00
TL13313	208.5	210.0	1328275	23.00	168.00	453.00	62.00	1.29	8.00	8.00	5.00	232.00	1899.00	1.00	42.00	12.00	1.00	209.00
TL13313	208.5	210.0	1328276	9.00	62.00	462.00	45.00	1.39	2.50	2.50	5.00	240.00	1979.00	6.00	41.00	5.00	1.00	123.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13313	37.3	53.1	15.8	PY	DISS	0.1	Trace disseminated py throughout
TL13313	37.3	53.1	15.8	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13313	53.1	58.0	5.0	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13313	53.1	58.0	5.0	PY	DISS	0.1	Trace disseminated py
TL13313	53.1	58.0	5.0	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13313	58.0	115.9	57.9	PY	DISS	1	1% disseminated py throughout the interval
TL13313	58.0	115.9	57.9	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13313	58.0	115.9	57.9	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13313	58.0	115.9	57.9	SPH	BLB	0.1	Trace sph blebs found in milky white qtz veins w/ py
TL13313	115.9	135.9	20.0	PY	DISS	1	1% disseminated py throughout the interval
TL13313	115.9	135.9	20.0	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13313	115.9	135.9	20.0	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13313	115.9	135.9	20.0	CP	BLB	0.1	Trace cpy blebs in and along margins of qtz/qtz-amph veins
TL13313	115.9	135.9	20.0	PY	ST	0.1	Trace to 1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13313	135.9	159.2	23.3	SPH	ST	0.1	Trace sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13313	135.9	159.2	23.3	PB	BLB	0.1	Trace gal blebs found w/ sph in stringers
TL13313	135.9	159.2	23.3	PY	ST	0.1	Trace py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13313	135.9	159.2	23.3	PY	DISS	1	1% disseminated py throughout the interval
TL13313	159.2	162.0	2.8	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13313	159.2	162.0	2.8	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13313	159.2	162.0	2.8	SPH	ST	0.1	Trace sph in 1-3mm wide stringers along margins of qtz-amph veins
TL13313	159.2	162.0	2.8	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13313	159.2	162.0	2.8	PY	DISS	0.1	Trace disseminated py
TL13313	162.0	181.0	19.0	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13313	162.0	181.0	19.0	PO	BLB	0.1	Trace po blebs found w/ sph and gal
TL13313	162.0	181.0	19.0	CP	BLB	0.1	Trace cpy blebs found w/ sph and gal
TL13313	162.0	181.0	19.0	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers
TL13313	162.0	181.0	19.0	SPH	ST	1	1% sph in 1-6mm wide stringers oriented semi-parallel to foliation
TL13313	162.0	181.0	19.0	PY	DISS	2	2% disseminated py throughout the interval
TL13313	181.0	187.5	6.5	PY	DISS	0.1	Trace disseminated py
TL13313	181.0	187.5	6.5	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13313	187.5	200.3	12.9	PY	DISS	1	1% disseminated py throughout the interval
TL13313	187.5	200.3	12.9	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13313	187.5	200.3	12.9	CP	BLB	0.1	Trace cpy blebs associated w/ py and gal
TL13313	187.5	200.3	12.9	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL13313	187.5	200.3	12.9	PB	BLB	0.1	Trace to 1% gal blebs associated w/ sph mineralization
TL13313	187.5	200.3	12.9	SPH	ST	4	4% sph in 1-7mm wide stringers oriented semi-parallel to foliation

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13313	199.3	199.3	0.1	AU	BLB	0.1	Trace possible Au flecks. 2 possible flecks of VG found in smokey grey qtz veins w/ gal, sph and cpy. found at 199.28m depth
TL13313	200.3	210.0	9.7	PY	DISS	0.1	Trace disseminated py

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13313	37.3	44.2	6.9	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13313	37.3	53.1	15.8	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13313	37.3	53.1	15.8	FR	Strong	50	Strongly fractured along foliation from 50-55 deg TCA
TL13313	44.2	53.1	8.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13313	53.1	58.0	5.0	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13313	53.1	58.0	5.0	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13313	58.0	61.9	3.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13313	58.0	115.9	57.9	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA infilled w/ qtz
TL13313	58.0	115.9	57.9	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13313	61.9	76.0	14.1	FOL	Strong	47	Strong foliation at 47 deg TCA
TL13313	76.0	85.5	9.5	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13313	79.6	110.0	30.4	FTZ	Strong	45	Strongly fractured and faulted throughout this interval, fractured along foliations
TL13313	85.5	95.5	10.0	FOL	Strong	45	Strong foliation at 45 deg TCA
TL13313	95.5	115.9	20.4	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13313	115.9	124.0	8.1	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13313	115.9	135.9	20.0	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13313	124.0	135.9	11.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13313	135.9	159.2	23.3	FOL	Weak	50	Weak foliation at 50 deg TCA
TL13313	140.0	141.0	1.0	FR	Weak	10	Weak fracture at 10 deg TCA w/ dextral slip
TL13313	144.5	153.0	8.5	FR	Moderate	50	Moderately fractured along foliation
TL13313	156.0	158.0	2.0	FTZ	Strong	50	Strong fault zone oriented parallel to foliation
TL13313	159.2	162.0	2.8	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13313	159.2	162.0	2.8	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13313	162.0	181.0	19.0	FOL	Moderate	55	Moderate to strong foliation oriented at 55 deg TCA
TL13313	162.0	181.0	19.0	FR	Weak	65	Weak fracture set cross cutting foliation at 65 deg TCA
TL13313	181.0	187.5	6.5	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13313	187.5	193.2	5.8	FOL	Weak	65	Weak foliation at 65 deg TCA
TL13313	187.5	200.3	12.9	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13313	187.5	200.3	12.9	FR	Very Weak	70	V. weak fracture set cross cutting foliation at 70 deg TCA
TL13313	193.2	200.3	7.1	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13313	200.3	201.9	1.6	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13313	200.3	210.0	9.7	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13313	201.9	210.0	8.1	FOL	Strong	65	Strong foliation at 65 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13313	37.3	39.3	2.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13313	37.3	42.4	5.2	SI	Patchy	Strong	Strong patchy sil alt
TL13313	39.3	48.7	9.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13313	42.4	49.3	6.9	SI	Patchy	Weak	Weak to very weak patchy silicification
TL13313	48.7	53.1	4.3	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13313	49.3	53.1	3.8	SI	Patchy	Strong	Strong patchy sil alt
TL13313	53.1	58.0	5.0	SI	Patchy	Strong	Strong patchy sil alt
TL13313	53.1	58.0	5.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13313	58.0	71.2	13.2	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13313	58.0	84.0	26.0	SI	Patchy	Moderate	Moderate patchy sil alt
TL13313	71.2	75.1	3.9	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13313	75.1	115.9	40.8	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13313	84.0	88.1	4.1	SI	Patchy	Weak	Weak patchy sil alt
TL13313	88.1	111.0	22.9	SI	Patchy	Moderate	Moderate patchy sil alt
TL13313	111.0	115.9	4.9	SI	Patchy	Strong	Strong patchy sil alt
TL13313	115.9	135.9	20.0	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13313	115.9	135.9	20.0	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13313	135.9	159.2	23.3	SR	Patchy	Very Strong	V. strong patchy to semi-pervasive ser alt, 90-95% ser to 5-10% bio
TL13313	135.9	159.2	23.3	SI	Pervasive	Strong	Strong pervasive silicification
TL13313	135.9	159.2	23.3	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13313	159.2	162.0	2.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13313	159.2	162.0	2.8	SI	Pervasive	Strong	Strong pervasive sil alt
TL13313	162.0	181.0	19.0	SR	Patchy	Very Strong	V. strong patchy to semi-pervasive ser alt, 90% ser to 10% bio
TL13313	162.0	181.0	19.0	SI	Patchy	Weak	Weak patchy silicification
TL13313	181.0	187.5	6.5	SI	Patchy	Strong	Strong patchy sil alt
TL13313	181.0	187.5	6.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13313	181.0	187.5	6.5	CH	Patchy	Moderate	Moderate patchy chl alt
TL13313	187.5	192.8	5.4	SI	Patchy	Weak	Weak patchy sil alt
TL13313	187.5	200.3	12.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13313	187.5	200.3	12.9	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13313	192.8	193.9	1.1	SI	Patchy	Strong	Strong patchy sil alt
TL13313	193.9	200.3	6.4	SI	Patchy	Weak	Weak patchy sil alt
TL13313	200.3	201.8	1.5	SI	Patchy	Weak	Weak patchy sil alt
TL13313	200.3	210.0	9.7	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13313	200.3	210.0	9.7	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13313	201.8	210.0	8.2	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13313	39	42	3	2.67	1.48	89	49.33	18	
TL13313	42	45	3	2.69	1.79	89.67	59.67	26	
TL13313	45	48	3	2.9	0.34	96.67	11.33	50	
TL13313	48	51	3	2.82	1.4	94	46.67	22	
TL13313	51	54	3	2.97	2.61	99	87	13	
TL13313	54	57	3	2.98	2.33	99.33	77.67	11	
TL13313	57	60	3	3	1.58	100	52.67	28	
TL13313	60	63	3	2.82	2.2	94	73.33	18	
TL13313	63	66	3	2.92	2.78	97.33	92.67	7	
TL13313	66	69	3	2.74	2.3	91.33	76.67	14	
TL13313	69	72	3	2.93	2.37	97.67	79	16	
TL13313	72	75	3	3	2.62	100	87.33	15	
TL13313	75	78	3	3.02	2.66	100.67	88.67	16	
TL13313	78	81	3	2.96	2.31	98.67	77	21	
TL13313	81	84	3	2.87	0.43	95.67	14.33	32	SRP
TL13313	84	87	3	3.01	1.93	100.33	64.33	21	
TL13313	87	90	3	2.97	1.83	99	61	20	
TL13313	90	93	3	2.64	1.05	88	35	23	
TL13313	93	96	3	2.64	1.33	88	44.33	20	
TL13313	96	99	3	2.92	1.92	97.33	64	20	
TL13313	99	102	3	2.65	1.28	88.33	42.67	24	
TL13313	102	105	3	2.56	0.68	85.33	22.67	26	
TL13313	105	108	3	2.57	1.27	85.67	42.33	21	
TL13313	108	111	3	2.92	1.34	97.33	44.67	26	
TL13313	111	114	3	2.96	2.63	98.67	87.67	11	
TL13313	114	117	3	3.01	2.96	100.33	98.67	6	
TL13313	117	120	3	2.96	2.96	98.67	98.67	5	
TL13313	120	123	3	3.01	2.94	100.33	98	11	
TL13313	123	126	3	2.97	2.62	99	87.33	11	
TL13313	126	129	3	2.99	2.71	99.67	90.33	8	
TL13313	129	132	3	2.98	2.85	99.33	95	5	
TL13313	132	135	3	3.01	2.96	100.33	98.67	12	
TL13313	135	138	3	2.99	2.47	99.67	82.33	14	
TL13313	138	141	3	2.98	2.77	99.33	92.33	10	
TL13313	141	144	3	2.9	2.24	96.67	74.67	15	
TL13313	144	147	3	2.94	1.23	98	41	17	
TL13313	147	150	3	3.04	1.95	101.33	65	19	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13313	150	153	3	3.01	2.05	100.33	68.33	17	
TL13313	153	156	3	2.97	2.64	99	88	14	
TL13313	156	159	3	2.97	1.06	99	35.33	17	LRP
TL13313	159	162	3	2.96	2.49	98.67	83	19	
TL13313	162	165	3	3.01	1.07	100.33	35.67	31	
TL13313	165	168	3	2.99	1.03	99.67	34.33	37	
TL13313	168	171	3	3.01	1.32	100.33	44	37	
TL13313	171	174	3	2.82	2.04	94	68	23	
TL13313	174	177	3	3.11	2.77	103.67	92.33	15	
TL13313	177	180	3	3.01	2.6	100.33	86.67	13	
TL13313	180	183	3	2.98	2.72	99.33	90.67	13	
TL13313	183	186	3	3	2.69	100	89.67	14	
TL13313	186	189	3	2.99	2.34	99.67	78	14	
TL13313	189	192	3	2.98	0.89	99.33	29.67	42	
TL13313	192	195	3	3.09	1.25	103	41.67	35	
TL13313	195	198	3	3.04	1.76	101.33	58.67	22	
TL13313	198	201	3	2.96	1.85	98.67	61.67	19	
TL13313	201	204	3	2.97	2.97	99	99	5	
TL13313	204	207	3	2.99	2.66	99.67	88.67	8	
TL13313	207	210	3	3	2.55	100	85	10	

Hole Number: TL13314

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -67.00
Project Number: TMI-TL	North: 5511838.80	North:	Collar Az: 35.00
Location: Zealand Township	East: 527683.33	East:	Length: 376.00
	Elev: 389.99	Elev:	Start Depth: 0.00
Date Started: Feb 05, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 08, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 376.00

Comments: Logged by Brian Wolfe

Claim #1106347

MSS Hanging Wall from 29.80m-68.60m

This MSS unit has strong to very strong patchy sericitic alteration, weak to strong patchy silicification, and very weak patchy potassic alteration. This unit contains trace to 1% disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite in stringers, and trace pyrrhotite in stringers.

MSS 74.55m-80.98m

This MSS unit has very strong patchy sericitic alteration and very strong patchy silicification. This unit is poorly mineralized with trace disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite stringers and trace galena blebs.

MSS Main-Zone from 93.45m-106.54m

This Main-Zone MSS unit has strong patchy sericitic alteration and moderate patchy silicification. This unit contains 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, and trace galena blebs associated with sphalerite stringers.

MSS Possible B-Zone from 125.87m-149.36m

This MSS unit has very strong patchy sericitic alteration and very weak to weak patchy silicification. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, 1% disseminated pyrite, trace galena blebs, and chalcopyrite blebs.

Trace possible VG speck <1mm in size found at 138.82m depth it is found in a silicified smokey grey qtz vein w/ py

MSS Possible B-Zone from 214.85-225.44m

This MSS unit has strong patchy sericitic alteration, very strong patchy silicification and weak patchy chloritic alteration. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, trace chalcopyrite blebs and trace pyrrhotite blebs.

Approximate C-Zone? From 238.90m-252.75m

This C-Zone MSS has strong patchy sericitic alteration and moderate patchy silicification. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, 1% disseminated pyrite, and trace disseminated galena.

MSS D-Zone from 326.94m-332.43m

This MSS unit is weak and only has moderate patchy sericitic alteration up to 50% sericite and 50% biotite. This unit also is weakly silicified. This unit is well mineralized with 4% pyrite in stringers, 3% sphalerite in stringers, 1% galena blebs, and 1% disseminated pyrite.

BMS 252.75m-326.94m

This BMS unit has varying degrees of sericitic alteration from very weak to strong and patchy. The silicification also varies from weak and patchy to strong and semi-pervasive. The best mineralized interval in this unit occurs between 274.58m-292m where there is 1% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs and possible trace VG fleck at 276.07m depth. The rest of the unit contains trace pyrrhotite blebs and stringers.

March 24, 2015

re-examination and resampling program.

This hole is being resampled to possibly extend and better define the B Zone which is targeted to be centered around 180 meters. This zone was sampled from the center down but not from the center up.

Where several occurrences of Py and Zn mineralization are noted associated with good Qtz veining from 160 to 163, 171 to 172 and 173 to 174. All of these occurrences are in BMS with bands of Sericite and Silica Alteration present. The Qtz is smokey grey in appearance

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	35.00	-67.00	EZ Sho	OK		27.00	35.40	-66.30	EZ Sho	OK	

Hole Number: TL13314

Units: METRIC

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
54.00	34.20	-65.70	EZ Sho	OK		105.00	35.00	-65.60	EZ Sho	OK	
153.00	34.00	-65.20	EZ Sho	OK		207.00	34.20	-64.50	EZ Sho	OK	
252.00	34.00	-63.70	EZ Sho	OK		306.00	34.50	-63.10	EZ Sho	OK	
354.00	33.40	-61.80	EZ Sho	OK		376.00	32.60	-61.40	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	22.50	OB, Overburden									
22.50	29.80	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and moderate patchy silicification. this unit is very poorly mineralized with trace disseminated pyrite.	1328277	28.30	29.80	1.50	0.11				

Hole Number: TL13314

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
29.80	68.60	MSS, Muscovite Sericite Schist MSS Hanging Wall from 29.80m-68.60m This MSS unit has strong to very strong patchy sericitic alteration, weak to strong patchy silicification, and very weak patchy potassic alteration. This unit contains trace to 1% disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite in stringers, and trace pyrrhotite in stringers.	1328278	29.80	31.30	1.50	0.02				
			1328279	31.30	32.80	1.50	0.03				
			1328281	32.80	34.30	1.50	0.03				
			1328282	34.30	35.80	1.50	0.02				
			1328283	35.80	37.30	1.50	0.05				
			1328284	37.30	38.80	1.50	0.07				
			1328285	38.80	40.00	1.20	0.10				
			1328286	40.00	41.00	1.00	0.10				
			1328287	41.00	42.00	1.00	0.09				
			1328288	42.00	43.00	1.00	0.15				
			1328289	43.00	44.00	1.00	0.08				
			1328291	44.00	45.00	1.00	0.11				
			1328292	45.00	46.00	1.00	0.23				
			1328293	46.00	47.00	1.00	0.23				
			1328294	47.00	48.00	1.00	0.21				
			1328295	48.00	49.50	1.50	0.15				
			1328296	48.00	49.50	1.50	0.18				
			1328297	49.50	51.00	1.50	0.03				
			1328298	51.00	52.50	1.50	0.05				
			1328299	52.50	54.00	1.50	0.05				
			1328301	54.00	55.50	1.50	0.01				
			1328302	55.50	57.00	1.50	0.01				
			1328303	57.00	58.50	1.50	0.03				
			1328304	58.50	60.00	1.50	0.09				
			1328305	60.00	61.50	1.50	0.32				
			1328306	61.50	63.00	1.50	0.13				
			1328307	63.00	64.00	1.00	0.15				
			1328308	64.00	65.00	1.00	0.06				
			1328309	65.00	66.00	1.00	0.05				
			1328311	66.00	67.00	1.00	0.11				
			1328312	67.00	68.50	1.50	0.13				
			1328313	68.50	70.00	1.50	0.03				
68.60	74.55	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration and strong to very strong patchy silicification. This unit is very poorly mineralized with only trace disseminated pyrite, and trace pyrite in stringers.	1328314	70.00	71.50	1.50	0.03				
			1328315	71.50	73.00	1.50	0.06				
			1328316	71.50	73.00	1.50	0.08				
			1328317	73.00	74.50	1.50	0.05				
			1328318	74.50	76.00	1.50	0.49				
74.55	80.98	MSS, Muscovite Sericite Schist MSS 74.55m-80.98m This MSS unit has very strong patchy sericitc alteration and very strong patchy silicification. This unit is poorly mineralized with trace disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite stringers and trace galena blebs.	1328319	76.00	77.50	1.50	0.14				
			1328321	77.50	78.50	1.00	0.09				
			1328322	78.50	79.50	1.00	0.04				
			1328323	79.50	81.00	1.50	0.03				

DETAILED LOG

Hole Number: TL13314

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
80.98	93.45	BMS, Biotite Muscovite Schist This BMS unit has very weak to weak patchy sericitic alteration and moderate to strong patchy silicification. This unit is very poorly mineralized with only trace amounts of disseminated pyrite, and trace pyrite in stringers.	1328324	81.00	82.50	1.50	0.11				
			1328325	82.50	84.00	1.50	0.07				
			1328326	84.00	85.50	1.50	0.05				
			1328327	85.50	87.00	1.50	0.02				
			1328328	87.00	88.50	1.50	0.03				
			1328329	88.50	90.00	1.50	0.03				
			1328331	90.00	91.50	1.50	0.05				
			1328332	91.50	92.50	1.00	0.06				
			1328333	92.50	93.50	1.00	0.15				
93.45	106.54	MSS, Muscovite Sericite Schist MSS Main-Zone from 93.45m-106.54m This Main-Zone MSS unit has strong patchy sericitic alteration and moderate patchy silicification. This unit contains 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, and trace galena blebs associated with sphalerite stringers.	1328334	93.50	94.50	1.00	0.19				
			1328335	94.50	96.00	1.50	0.06				
			1328336	94.50	96.00	1.50	0.14				
			1328337	96.00	97.50	1.50	0.11				
			1328338	97.50	99.00	1.50	0.11				
			1328339	99.00	100.50	1.50	0.04				
			1328341	100.50	102.00	1.50	0.05				
			1328342	102.00	103.00	1.00	0.01				
			1328343	103.00	104.00	1.00	0.01				
			1328344	104.00	105.00	1.00	0.01				
			1328345	105.00	106.00	1.00	0.14				
			1328346	106.00	107.00	1.00	0.03				
106.54	125.87	BMS, Biotite Muscovite Schist This BMS unit has strong patchy silicification and very weak patchy sericitic alteration. This unit is poorly mineralized with 1% disseminated pyrite, 1% pyrite in stringers and trace sphalerite stringers.	1328347	107.00	108.00	1.00	0.02				
			1328348	108.00	109.50	1.50	0.03				
			1328349	109.50	111.00	1.50	0.01				
			1328351	111.00	112.50	1.50	0.04				
			1328352	112.50	114.00	1.50	1.53				
			1328353	114.00	115.50	1.50	0.07				
			1328354	115.50	117.00	1.50	0.04				
			1328355	117.00	118.50	1.50	0.24				
			1328356	117.00	118.50	1.50	0.25				
			1328357	118.50	120.00	1.50	0.12				
			1328358	120.00	121.50	1.50	0.12				
			1328359	121.50	123.00	1.50	0.03				
			1328361	123.00	124.50	1.50	0.06				
			1328362	124.50	125.90	1.40	0.17				

DETAILED LOG

Hole Number: TL13314

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
125.87	149.36	MSS, Muscovite Sericite Schist	1328363	125.90	127.00	1.10	0.07				
		MSS Possible B-Zone from 125.87m-149.36m	1328364	127.00	128.50	1.50	0.05				
		This MSS unit has very strong patchy sericitic alteration and very weak to weak patchy silicification. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, 1% disseminated pyrite, trace galena blebs, and chalcopyrite blebs.	1328365	128.50	129.50	1.00	0.07				
		Trace possible VG speck <1mm in size found at 138.82m depth it is found in a silicified smokey grey qtz vein w/ py	1328366	129.50	131.00	1.50	0.04				
			1328367	131.00	132.00	1.00	0.04				
			1328368	132.00	133.00	1.00	0.05				
			1328369	133.00	134.00	1.00	0.49				
			1328371	134.00	135.00	1.00	0.46				
			1328372	135.00	136.00	1.00	0.22				
			1328373	136.00	137.00	1.00	4.91				
			1328374	137.00	138.00	1.00	0.20				
			1328375	138.00	139.00	1.00	3.49				
			1328376	138.00	139.00	1.00	2.33				
			1328377	139.00	140.00	1.00	1.05				
			1328378	140.00	141.00	1.00	0.19				
			1328379	141.00	141.70	0.70	0.39				
			1328381	141.70	143.20	1.50	0.89				
			1328382	143.20	144.00	0.80	0.08				
			1328383	144.00	145.50	1.50	0.30				
			1328384	145.50	146.50	1.00	3.13				
			1328385	146.50	147.50	1.00	0.77				
			1328386	147.50	148.50	1.00	0.84				
			1328387	148.50	149.40	0.90	1.28				

DETAILED LOG

Hole Number: TL13314

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
149.36	214.85	BMS, Biotite Muscovite Schist	1328388	149.40	150.90	1.50	0.05				
		This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit contains about 1% disseminated pyrite, 2% pyrite in stringers, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite blebs.	367812	153.00	154.00	1.00		0.01			
			367813	154.00	155.00	1.00		0.02			
			367814	155.00	156.00	1.00		0.01			
			367815	156.00	157.00	1.00		0.01			
			367816	157.00	158.00	1.00		0.00			
			367817	158.00	159.00	1.00		0.00			
			367818	159.00	160.00	1.00		0.00			
			367819	160.00	161.00	1.00		0.18			
			367821	161.00	162.00	1.00		0.08			
			367822	162.00	163.00	1.00		0.02			
			367823	163.00	164.00	1.00		0.01			
			367824	164.00	165.00	1.00		0.00			
			367826	165.00	166.00	1.00		0.00			
			367825	165.00	166.00	1.00		0.00			
			367827	166.00	167.00	1.00		0.00			
			367828	167.00	168.00	1.00		0.00			
			367829	168.00	169.00	1.00		0.00			
			367831	169.00	170.00	1.00		0.00			
			367832	170.00	171.00	1.00		0.00			
			367833	171.00	172.00	1.00		0.00			
			367834	172.00	173.00	1.00		0.00			
			367835	173.00	174.00	1.00		0.00			
			367836	174.00	175.00	1.00		0.00			
			367837	175.00	176.00	1.00		0.00			
			367838	176.00	177.00	1.00		0.03			
			367839	177.00	178.00	1.00		0.08			
			367841	178.00	179.00	1.00		0.02			
			367842	179.00	179.60	0.60		0.14			
			367843	179.60	180.50	0.90		0.21			
			1328389	180.50	182.00	1.50	0.27				
			1328391	182.00	183.50	1.50	0.20				
			1328392	183.50	185.00	1.50	0.46				
			1328393	185.00	186.50	1.50	0.06				
			1328394	186.50	187.50	1.00	0.08				
			1328396	187.50	189.00	1.50	0.03				
			1328395	187.50	189.00	1.50	0.03				
			1328397	189.00	190.50	1.50	0.05				
			1328398	190.50	192.00	1.50	0.03				
			1328399	192.00	193.50	1.50	0.03				
			1328401	193.50	195.00	1.50	0.02				
			1328402	195.00	196.50	1.50	0.04				
			1328403	196.50	197.50	1.00	0.09				

Hole Number: TL13314

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
			1328404	197.50	199.00	1.50	0.06				
			1328405	213.30	214.80	1.50	0.07				
			1328406	214.80	216.30	1.50	0.03				
214.85	225.44	MSS, Muscovite Sericite Schist	1328407	216.30	217.80	1.50	0.04				
		MSS Possible B-Zone from 214.85-225.44m	1328408	217.80	219.30	1.50	0.03				
		This MSS unit has strong patchy sericitic alteration, very strong patchy silicification and weak patchy chloritic alteration. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, trace chalcopyrite blebs and trace pyrrhotite blebs.	1328409	219.30	220.80	1.50	0.06				
			1328411	220.80	222.30	1.50	0.05				
			1328412	222.30	223.30	1.00	0.20				
			1328413	223.30	224.30	1.00	0.29				
			1328414	224.30	225.50	1.20	0.06				
225.44	238.90	BMS, Biotite Muscovite Schist	1328415	225.50	227.00	1.50	0.22				
		This BMS unit has very weak patchy sericitic alteration and moderate patchy silicification. This unit contains trace disseminated pyrite, trace to 1% pyrite in stringers, trace chalcopyrite blebs and trace sphalerite stringers.	1328416	225.50	227.00	1.50	0.03				
			1328417	227.00	228.50	1.50	0.03				
			1328418	228.50	230.00	1.50	0.20				
			1328419	230.00	231.50	1.50	0.02				
			1328421	231.50	233.00	1.50	0.13				
			1328422	233.00	234.50	1.50	0.09				
			1328423	234.50	236.00	1.50	0.08				
			1328424	236.00	237.50	1.50	0.08				
			1328425	237.50	238.90	1.40	0.16				
238.90	252.75	MSS, Muscovite Sericite Schist	1328426	238.90	240.00	1.10	0.19				
		Approximate C-Zone? From 238.90m-252.75m	1328427	240.00	241.00	1.00	1.65				
		This C-Zone MSS has strong patchy sericitic alteration and moderate patchy silicification. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, 1% disseminated pyrite, and trace disseminated galena.	1328428	241.00	242.00	1.00	0.31				
			1328429	242.00	243.00	1.00	0.48				
			1328431	243.00	244.50	1.50	0.15				
			1328432	244.50	246.00	1.50	0.26				
			1328433	246.00	247.50	1.50	0.45				
			1328434	247.50	248.90	1.40	0.32				
			1328435	248.90	249.90	1.00	0.04				
			1328436	248.90	249.90	1.00	0.06				
			1328437	249.90	250.90	1.00	1.11				
			1328438	250.90	251.90	1.00	0.19				
			1328439	251.90	252.80	0.90	0.39				

Hole Number: TL13314

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
252.75	326.94	BMS, Biotite Muscovite Schist BMS 252.75m-326.94m This BMS unit has varying degrees of sericitic alteration from very weak to strong and patchy. The silicification also varies from weak and patchy to strong and semi-pervasive. The best mineralized interval in this unit occurs between 274.58m-292m where there is 1% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs and possible trace VG fleck at 276.07m depth. The rest of the unit contains trace pyrrhotite blebs and stringers.	1328441	252.80	254.30	1.50	0.10				
			1328442	254.30	255.50	1.20	0.08				
			1328443	255.50	257.00	1.50	0.17				
			1328444	257.00	258.50	1.50	0.23				
			1328445	258.50	260.00	1.50	1.40				
			1328446	260.00	261.50	1.50	0.08				
			1328447	261.50	263.00	1.50	0.47				
			1328448	263.00	264.50	1.50	0.10				
			1328449	274.50	276.00	1.50	0.14				
			1328451	276.00	277.00	1.00	1.21				
			1328452	277.00	278.50	1.50	0.28				
			1328453	278.50	280.00	1.50	0.44				
			1328454	280.00	281.50	1.50	0.17				
			1328456	281.50	283.00	1.50	0.05				
			1328455	281.50	283.00	1.50	0.07				
			1328457	283.00	284.50	1.50	0.65				
			1328458	284.50	286.00	1.50	0.37				
			1328459	286.00	287.50	1.50	0.06				
1328461	287.50	289.00	1.50	0.03							
1328462	289.00	290.50	1.50	0.17							
1328463	290.50	292.00	1.50	1.10							
1328464	292.00	293.50	1.50	0.03							
1328465	325.50	327.00	1.50	0.12							
326.94	332.43	MSS, Muscovite Sericite Schist MSS D-Zone from 326.94m-332.43m This MSS unit is weak and only has moderate patchy sericitic alteration up to 50% sericite and 50% biotite. This unit also is weakly silicified. This unit is well mineralized with 4% pyrite in stringers, 3% sphalerite in stringers, 1% galena blebs, and 1% disseminated pyrite.	1328466	327.00	328.50	1.50	0.41				
			1328467	328.50	329.50	1.00	4.05				
			1328468	329.50	330.50	1.00	1.40				
			1328469	330.50	331.50	1.00	0.95				
			1328471	331.50	332.50	1.00	0.26				
332.43	376.00	BMS, Biotite Muscovite Schist	1328472	332.50	334.00	1.50	0.50				
			1328473	334.00	335.50	1.50	0.15				
			1328474	335.50	337.00	1.50	0.02				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328277	28.30	29.80	0.1140				
1328278	29.80	31.30	0.0220				
1328279	31.30	32.80	0.0300				
1328281	32.80	34.30	0.0250				
1328282	34.30	35.80	0.0160				
1328283	35.80	37.30	0.0540				

Hole Number: TL13314

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328284	37.30	38.80	0.0660				
1328285	38.80	40.00	0.1010				
1328286	40.00	41.00	0.0950				
1328287	41.00	42.00	0.0870				
1328288	42.00	43.00	0.1460				
1328289	43.00	44.00	0.0770				
1328291	44.00	45.00	0.1140				
1328292	45.00	46.00	0.2300				
1328293	46.00	47.00	0.2300				
1328294	47.00	48.00	0.2060				
1328295	48.00	49.50	0.1540				
1328297	49.50	51.00	0.0330				
1328298	51.00	52.50	0.0480				
1328299	52.50	54.00	0.0510				
1328301	54.00	55.50	0.0120				
1328302	55.50	57.00	0.0130				
1328303	57.00	58.50	0.0250				
1328304	58.50	60.00	0.0920				
1328305	60.00	61.50	0.3180				
1328306	61.50	63.00	0.1290				
1328307	63.00	64.00	0.1470				
1328308	64.00	65.00	0.0590				
1328309	65.00	66.00	0.0520				
1328311	66.00	67.00	0.1110				
1328312	67.00	68.50	0.1270				
1328313	68.50	70.00	0.0310				
1328314	70.00	71.50	0.0250				
1328315	71.50	73.00	0.0640				
1328317	73.00	74.50	0.0450				
1328318	74.50	76.00	0.4870				
1328319	76.00	77.50	0.1370				
1328321	77.50	78.50	0.0940				
1328322	78.50	79.50	0.0390				
1328323	79.50	81.00	0.0320				
1328324	81.00	82.50	0.1080				
1328325	82.50	84.00	0.0670				
1328326	84.00	85.50	0.0510				
1328327	85.50	87.00	0.0190				
1328328	87.00	88.50	0.0340				

Hole Number: TL13314

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328329	88.50	90.00	0.0320				
1328331	90.00	91.50	0.0460				
1328332	91.50	92.50	0.0570				
1328333	92.50	93.50	0.1540				
1328334	93.50	94.50	0.1880				
1328335	94.50	96.00	0.0640				
1328337	96.00	97.50	0.1120				
1328338	97.50	99.00	0.1130				
1328339	99.00	100.50	0.0420				
1328341	100.50	102.00	0.0520				
1328342	102.00	103.00	0.0130				
1328343	103.00	104.00	0.0070				
1328344	104.00	105.00	0.0120				
1328345	105.00	106.00	0.1350				
1328346	106.00	107.00	0.0280				
1328347	107.00	108.00	0.0240				
1328348	108.00	109.50	0.0310				
1328349	109.50	111.00	0.0070				
1328351	111.00	112.50	0.0410				
1328352	112.50	114.00	1.5330				
1328353	114.00	115.50	0.0720				
1328354	115.50	117.00	0.0400				
1328355	117.00	118.50	0.2350				
1328357	118.50	120.00	0.1170				
1328358	120.00	121.50	0.1170				
1328359	121.50	123.00	0.0320				
1328361	123.00	124.50	0.0640				
1328362	124.50	125.90	0.1710				
1328363	125.90	127.00	0.0730				
1328364	127.00	128.50	0.0460				
1328365	128.50	129.50	0.0650				
1328366	129.50	131.00	0.0420				
1328367	131.00	132.00	0.0400				
1328368	132.00	133.00	0.0510				
1328369	133.00	134.00	0.4910				
1328371	134.00	135.00	0.4640				
1328372	135.00	136.00	0.2230				
1328373	136.00	137.00	4.9110				
1328374	137.00	138.00	0.1950				

Hole Number: TL13314

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328375	138.00	139.00	3.4920				
1328377	139.00	140.00	1.0520				
1328378	140.00	141.00	0.1880				
1328379	141.00	141.70	0.3910				
1328381	141.70	143.20	0.8870				
1328382	143.20	144.00	0.0840				
1328383	144.00	145.50	0.2960				
1328384	145.50	146.50	3.1310				
1328385	146.50	147.50	0.7740				
1328386	147.50	148.50	0.8360				
1328387	148.50	149.40	1.2840				
1328388	149.40	150.90	0.0480				
367812	153.00	154.00		0.0100			
367813	154.00	155.00		0.0180			
367814	155.00	156.00		0.0090			
367815	156.00	157.00		0.0080			
367816	157.00	158.00		0.0040			
367817	158.00	159.00		0.0020			
367818	159.00	160.00		0.0040			
367819	160.00	161.00		0.1810			
367821	161.00	162.00		0.0810			
367822	162.00	163.00		0.0170			
367823	163.00	164.00		0.0050			
367824	164.00	165.00		0.0040			
367825	165.00	166.00		0.0020			
367827	166.00	167.00		0.0040			
367828	167.00	168.00		0.0020			
367829	168.00	169.00		0.0020			
367831	169.00	170.00		0.0020			
367832	170.00	171.00		0.0030			
367833	171.00	172.00		0.0005			
367834	172.00	173.00		0.0005			
367835	173.00	174.00		0.0040			
367836	174.00	175.00		0.0005			
367837	175.00	176.00		0.0030			
367838	176.00	177.00		0.0300			
367839	177.00	178.00		0.0790			
367841	178.00	179.00		0.0220			
367842	179.00	179.60		0.1360			

Hole Number: TL13314

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
367843	179.60	180.50		0.2050			
1328389	180.50	182.00	0.2680				
1328391	182.00	183.50	0.1960				
1328392	183.50	185.00	0.4630				
1328393	185.00	186.50	0.0620				
1328394	186.50	187.50	0.0800				
1328395	187.50	189.00	0.0320				
1328397	189.00	190.50	0.0470				
1328398	190.50	192.00	0.0270				
1328399	192.00	193.50	0.0260				
1328401	193.50	195.00	0.0210				
1328402	195.00	196.50	0.0400				
1328403	196.50	197.50	0.0860				
1328404	197.50	199.00	0.0600				
1328405	213.30	214.80	0.0700				
1328406	214.80	216.30	0.0270				
1328407	216.30	217.80	0.0350				
1328408	217.80	219.30	0.0290				
1328409	219.30	220.80	0.0560				
1328411	220.80	222.30	0.0450				
1328412	222.30	223.30	0.1990				
1328413	223.30	224.30	0.2940				
1328414	224.30	225.50	0.0570				
1328415	225.50	227.00	0.2190				
1328417	227.00	228.50	0.0330				
1328418	228.50	230.00	0.2010				
1328419	230.00	231.50	0.0170				
1328421	231.50	233.00	0.1310				
1328422	233.00	234.50	0.0850				
1328423	234.50	236.00	0.0760				
1328424	236.00	237.50	0.0830				
1328425	237.50	238.90	0.1560				
1328426	238.90	240.00	0.1850				
1328427	240.00	241.00	1.6520				
1328428	241.00	242.00	0.3120				
1328429	242.00	243.00	0.4800				
1328431	243.00	244.50	0.1480				
1328432	244.50	246.00	0.2640				
1328433	246.00	247.50	0.4460				

Hole Number: TL13314

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328434	247.50	248.90	0.3240				
1328435	248.90	249.90	0.0400				
1328437	249.90	250.90	1.1070				
1328438	250.90	251.90	0.1940				
1328439	251.90	252.80	0.3860				
1328441	252.80	254.30	0.0950				
1328442	254.30	255.50	0.0830				
1328443	255.50	257.00	0.1690				
1328444	257.00	258.50	0.2280				
1328445	258.50	260.00	1.3950				
1328446	260.00	261.50	0.0780				
1328447	261.50	263.00	0.4740				
1328448	263.00	264.50	0.1010				
1328449	274.50	276.00	0.1420				
1328451	276.00	277.00	1.2110				
1328452	277.00	278.50	0.2780				
1328453	278.50	280.00	0.4430				
1328454	280.00	281.50	0.1660				
1328455	281.50	283.00	0.0690				
1328457	283.00	284.50	0.6510				
1328458	284.50	286.00	0.3680				
1328459	286.00	287.50	0.0600				
1328461	287.50	289.00	0.0310				
1328462	289.00	290.50	0.1650				
1328463	290.50	292.00	1.1020				
1328464	292.00	293.50	0.0340				
1328465	325.50	327.00	0.1160				
1328466	327.00	328.50	0.4050				
1328467	328.50	329.50	4.0450				
1328468	329.50	330.50	1.3960				
1328469	330.50	331.50	0.9480				
1328471	331.50	332.50	0.2640				
1328472	332.50	334.00	0.5010				
1328473	334.00	335.50	0.1510				
1328474	335.50	337.00	0.0220				
Sample Type	CDUP						
1328296	48.00	49.50	0.1810				
1328316	71.50	73.00	0.0840				
1328336	94.50	96.00	0.1360				

Hole Number: TL13314

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1328356	117.00	118.50	0.2480				
1328376	138.00	139.00	2.3340				
367826	165.00	166.00		0.0020			
1328396	187.50	189.00	0.0270				
1328416	225.50	227.00	0.0300				
1328436	248.90	249.90	0.0570				
1328456	281.50	283.00	0.0540				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13314	28.3	29.8	1328277	4.00	4.45	33.00	571.00	2.00	17.00	1.49	2.00	23.00	132.00	45.00	3.27	0.01	28.00	1.09	740.00
TL13314	29.8	31.3	1328278	3.00	4.78	30.00	783.00	1.00	11.00	1.01	2.00	10.00	21.00	15.00	0.92	0.03	14.00	0.55	269.00
TL13314	31.3	32.8	1328279	4.00	3.32	29.00	570.00	1.00	8.00	2.07	2.00	9.00	17.00	17.00	1.82	0.06	18.00	0.82	783.00
TL13314	32.8	34.3	1328281	3.00	3.28	34.00	629.00	1.00	3.00	1.78	2.00	9.00	17.00	10.00	1.77	0.01	18.00	0.56	699.00
TL13314	34.3	35.8	1328282	3.00	6.94	53.00	932.00	1.00	11.00	1.73	2.00	10.00	12.00	4.00	2.08	0.01	18.00	0.97	564.00
TL13314	35.8	37.3	1328283	3.00	10.75	68.00	907.00	2.00	25.00	3.40	2.00	15.00	31.00	15.00	3.15	0.01	34.00	1.70	1112.00
TL13314	37.3	38.8	1328284	3.00	6.96	36.00	484.00	1.00	22.00	1.63	2.00	10.00	9.00	27.00	1.23	0.03	16.00	0.97	510.00
TL13314	38.8	40.0	1328285	3.00	6.91	38.00	456.00	1.00	0.50	0.80	2.00	9.00	16.00	18.00	0.87	0.04	16.00	0.77	462.00
TL13314	40.0	41.0	1328286	2.00	9.10	34.00	458.00	2.00	8.00	1.19	2.00	8.00	26.00	8.00	0.80	1.16	56.00	0.45	211.00
TL13314	41.0	42.0	1328287	5.00	4.53	45.00	761.00	1.00	0.50	1.00	2.00	9.00	33.00	8.00	0.77	0.01	20.00	0.17	50.00
TL13314	42.0	43.0	1328288	4.00	4.12	42.00	572.00	1.00	0.50	0.49	2.00	7.00	19.00	9.00	0.69	0.07	12.00	0.19	50.00
TL13314	43.0	44.0	1328289	4.00	3.58	51.00	589.00	2.00	10.00	1.06	2.00	11.00	20.00	18.00	0.94	0.07	22.00	0.67	903.00
TL13314	44.0	45.0	1328291	5.00	3.06	62.00	725.00	1.00	12.00	0.79	2.00	12.00	20.00	16.00	0.97	0.01	20.00	0.33	396.00
TL13314	45.0	46.0	1328292	5.00	1.99	47.00	646.00	1.00	11.00	0.40	2.00	9.00	20.00	9.00	0.84	0.04	14.00	0.14	50.00
TL13314	46.0	47.0	1328293	2.00	3.57	43.00	238.00	1.00	0.50	0.01	2.00	7.00	0.50	8.00	0.92	0.23	0.50	0.25	50.00
TL13314	47.0	48.0	1328294	4.00	6.00	47.00	537.00	2.00	20.00	1.03	2.00	7.00	18.00	22.00	1.24	0.07	21.00	0.57	482.00
TL13314	48.0	49.5	1328296	4.00	7.11	53.00	627.00	1.00	7.00	0.81	2.00	8.00	16.00	15.00	0.98	0.05	18.00	0.44	195.00
TL13314	48.0	49.5	1328295	3.00	6.82	46.00	590.00	1.00	14.00	0.66	2.00	7.00	16.00	13.00	0.93	0.08	15.00	0.46	218.00
TL13314	49.5	51.0	1328297	4.00	6.23	37.00	763.00	2.00	11.00	2.51	2.00	7.00	23.00	7.00	1.30	0.01	27.00	0.88	739.00
TL13314	51.0	52.5	1328298	6.00	5.73	49.00	990.00	2.00	2.00	3.06	2.00	8.00	37.00	12.00	1.47	0.01	33.00	0.69	716.00
TL13314	52.5	54.0	1328299	4.00	3.45	35.00	727.00	1.00	29.00	2.26	2.00	8.00	17.00	12.00	2.04	0.01	18.00	0.54	647.00
TL13314	54.0	55.5	1328301	3.00	3.58	33.00	588.00	2.00	19.00	1.83	2.00	8.00	12.00	12.00	1.56	0.07	20.00	0.57	567.00
TL13314	55.5	57.0	1328302	4.00	2.47	31.00	977.00	2.00	6.00	2.05	2.00	8.00	20.00	10.00	1.68	0.07	19.00	0.54	672.00
TL13314	57.0	58.5	1328303	4.00	1.68	29.00	877.00	1.00	3.00	1.88	2.00	9.00	19.00	9.00	1.82	0.12	21.00	0.58	678.00
TL13314	58.5	60.0	1328304	3.00	4.84	42.00	797.00	1.00	28.00	1.52	2.00	8.00	15.00	10.00	1.67	0.11	23.00	0.94	646.00
TL13314	60.0	61.5	1328305	4.00	3.99	40.00	1074.00	1.00	11.00	2.11	2.00	9.00	36.00	14.00	1.82	0.15	23.00	0.84	715.00
TL13314	61.5	63.0	1328306	4.00	4.52	42.00	552.00	1.00	15.00	1.34	2.00	5.00	33.00	28.00	1.24	0.14	15.00	0.55	408.00
TL13314	63.0	64.0	1328307	0.50	0.01	35.00	0.50	1.00	0.50	0.01	2.00	4.00	11.00	7.00	1.24	0.01	0.50	0.40	253.00
TL13314	64.0	65.0	1328308	8.00	0.81	26.00	1051.00	2.00	17.00	0.92	7.00	7.00	55.00	56.00	1.37	0.10	23.00	0.16	288.00
TL13314	65.0	66.0	1328309	5.00	1.64	25.00	526.00	1.00	13.00	1.36	2.00	5.00	47.00	149.00	1.52	0.06	15.00	0.45	560.00
TL13314	66.0	67.0	1328311	3.00	2.88	43.00	601.00	1.00	11.00	0.66	2.00	7.00	21.00	8.00	0.98	0.11	14.00	0.36	321.00
TL13314	67.0	68.5	1328312	3.00	2.40	43.00	572.00	1.00	10.00	0.70	2.00	7.00	25.00	6.00	1.03	0.21	15.00	0.38	389.00
TL13314	68.5	70.0	1328313	3.00	2.95	27.00	573.00	2.00	14.00	1.20	2.00	8.00	16.00	16.00	1.17	0.14	17.00	0.54	574.00
TL13314	70.0	71.5	1328314	3.00	1.54	40.00	647.00	1.00	10.00	1.25	2.00	9.00	20.00	32.00	1.41	0.05	18.00	0.40	562.00
TL13314	71.5	73.0	1328315	2.00	2.85	33.00	532.00	1.00	7.00	0.74	2.00	9.00	12.00	23.00	1.34	0.13	15.00	0.50	543.00
TL13314	71.5	73.0	1328316	3.00	1.88	29.00	580.00	1.00	4.00	0.88	2.00	9.00	19.00	24.00	1.25	0.05	16.00	0.37	505.00
TL13314	73.0	74.5	1328317	3.00	2.79	30.00	488.00	1.00	9.00	0.91	2.00	7.00	15.00	22.00	1.33	0.02	15.00	0.51	656.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13314	28.3	29.8	1328277	2.00	64.00	525.00	37.00	0.97	2.50	20.00	5.00	195.00	2426.00	1.00	83.00	5.00	5.00	70.00
TL13314	29.8	31.3	1328278	0.50	24.00	373.00	53.00	0.73	2.50	7.00	5.00	244.00	1781.00	1.00	39.00	5.00	1.00	97.00
TL13314	31.3	32.8	1328279	0.50	17.00	422.00	275.00	0.90	2.50	8.00	5.00	195.00	1897.00	1.00	37.00	16.00	2.00	630.00
TL13314	32.8	34.3	1328281	0.50	24.00	412.00	41.00	1.02	2.50	7.00	5.00	177.00	1939.00	1.00	37.00	5.00	1.00	69.00
TL13314	34.3	35.8	1328282	0.50	19.00	546.00	48.00	0.92	2.50	5.00	5.00	197.00	1943.00	1.00	37.00	5.00	3.00	46.00
TL13314	35.8	37.3	1328283	1.00	33.00	1032.00	108.00	0.98	2.50	2.50	5.00	242.00	3355.00	1.00	65.00	5.00	5.00	156.00
TL13314	37.3	38.8	1328284	0.50	20.00	640.00	50.00	0.77	2.50	2.50	5.00	144.00	2053.00	1.00	36.00	5.00	3.00	383.00
TL13314	38.8	40.0	1328285	1.00	26.00	612.00	71.00	0.80	5.00	6.00	5.00	102.00	1866.00	1.00	34.00	5.00	2.00	114.00
TL13314	40.0	41.0	1328286	5.00	27.00	839.00	66.00	0.46	2.50	2.50	5.00	110.00	1930.00	25.00	36.00	5.00	4.00	170.00
TL13314	41.0	42.0	1328287	4.00	25.00	541.00	37.00	1.45	2.50	2.50	5.00	128.00	1838.00	1.00	34.00	5.00	1.00	69.00
TL13314	42.0	43.0	1328288	0.50	23.00	561.00	49.00	1.10	2.50	2.50	5.00	102.00	1812.00	1.00	34.00	5.00	1.00	40.00
TL13314	43.0	44.0	1328289	0.50	33.00	608.00	89.00	1.04	2.50	2.50	5.00	128.00	2053.00	1.00	40.00	5.00	1.00	67.00
TL13314	44.0	45.0	1328291	3.00	27.00	613.00	50.00	1.23	2.50	2.50	12.00	118.00	2180.00	1.00	39.00	5.00	1.00	57.00
TL13314	45.0	46.0	1328292	2.00	21.00	572.00	77.00	1.17	2.50	2.50	5.00	102.00	1799.00	1.00	34.00	5.00	1.00	55.00
TL13314	46.0	47.0	1328293	0.50	15.00	525.00	48.00	0.59	2.50	11.00	10.00	62.00	1324.00	2.00	25.00	5.00	2.00	33.00
TL13314	47.0	48.0	1328294	2.00	18.00	511.00	209.00	1.04	2.50	7.00	5.00	125.00	1719.00	13.00	29.00	5.00	1.00	263.00
TL13314	48.0	49.5	1328296	3.00	14.00	556.00	119.00	1.04	2.50	11.00	11.00	109.00	1997.00	1.00	33.00	5.00	1.00	108.00
TL13314	48.0	49.5	1328295	4.00	24.00	614.00	100.00	0.89	2.50	2.50	5.00	103.00	2051.00	1.00	35.00	5.00	2.00	117.00
TL13314	49.5	51.0	1328297	2.00	16.00	566.00	70.00	1.16	2.50	16.00	5.00	160.00	2125.00	1.00	36.00	5.00	1.00	91.00
TL13314	51.0	52.5	1328298	5.00	25.00	571.00	80.00	1.64	2.50	2.50	10.00	196.00	2198.00	1.00	37.00	5.00	1.00	75.00
TL13314	52.5	54.0	1328299	1.00	20.00	546.00	45.00	1.10	2.50	8.00	5.00	177.00	2012.00	27.00	36.00	11.00	1.00	50.00
TL13314	54.0	55.5	1328301	0.50	16.00	615.00	32.00	0.89	2.50	2.50	5.00	172.00	2348.00	1.00	38.00	5.00	1.00	46.00
TL13314	55.5	57.0	1328302	1.00	18.00	574.00	46.00	1.18	2.50	2.50	5.00	192.00	2225.00	1.00	36.00	5.00	1.00	43.00
TL13314	57.0	58.5	1328303	2.00	27.00	594.00	34.00	1.20	5.00	6.00	5.00	172.00	2267.00	1.00	36.00	5.00	1.00	52.00
TL13314	58.5	60.0	1328304	0.50	22.00	579.00	39.00	0.93	2.50	2.50	5.00	129.00	2054.00	1.00	33.00	5.00	1.00	89.00
TL13314	60.0	61.5	1328305	3.00	31.00	582.00	125.00	1.17	6.00	2.50	5.00	178.00	2158.00	31.00	37.00	5.00	1.00	122.00
TL13314	61.5	63.0	1328306	2.00	27.00	387.00	62.00	1.00	2.50	8.00	5.00	139.00	1407.00	1.00	25.00	5.00	1.00	38.00
TL13314	63.0	64.0	1328307	0.50	42.00	456.00	46.00	0.09	2.50	2.50	5.00	26.00	878.00	1.00	17.00	5.00	2.00	26.00
TL13314	64.0	65.0	1328308	7.00	46.00	466.00	538.00	1.58	2.50	6.00	5.00	141.00	2018.00	1.00	32.00	30.00	1.00	2288.00
TL13314	65.0	66.0	1328309	7.00	53.00	324.00	62.00	1.13	2.50	2.50	5.00	138.00	1400.00	11.00	25.00	5.00	1.00	59.00
TL13314	66.0	67.0	1328311	3.00	29.00	437.00	52.00	0.95	2.50	7.00	10.00	124.00	1812.00	1.00	31.00	5.00	1.00	30.00
TL13314	67.0	68.5	1328312	3.00	38.00	425.00	77.00	0.95	2.50	2.50	5.00	132.00	1728.00	1.00	29.00	5.00	1.00	110.00
TL13314	68.5	70.0	1328313	2.00	28.00	478.00	34.00	0.83	2.50	2.50	5.00	173.00	1909.00	1.00	33.00	5.00	1.00	23.00
TL13314	70.0	71.5	1328314	2.00	27.00	468.00	32.00	1.00	2.50	2.50	5.00	195.00	1789.00	1.00	34.00	5.00	1.00	31.00
TL13314	71.5	73.0	1328315	0.50	31.00	435.00	28.00	0.73	2.50	11.00	5.00	168.00	1821.00	2.00	34.00	5.00	1.00	43.00
TL13314	71.5	73.0	1328316	2.00	32.00	416.00	28.00	0.89	2.50	2.50	5.00	178.00	1768.00	1.00	33.00	5.00	1.00	36.00
TL13314	73.0	74.5	1328317	0.50	26.00	447.00	26.00	0.82	2.50	8.00	5.00	184.00	1792.00	1.00	33.00	5.00	1.00	36.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13314	74.5	76.0	1328318	4.00	2.07	45.00	543.00	1.00	0.50	0.66	2.00	11.00	32.00	23.00	1.36	0.02	19.00	0.38	531.00
TL13314	76.0	77.5	1328319	4.00	2.10	50.00	663.00	1.00	15.00	0.81	2.00	9.00	28.00	14.00	1.15	0.08	23.00	0.33	450.00
TL13314	77.5	78.5	1328321	6.00	2.78	48.00	624.00	1.00	21.00	1.01	2.00	11.00	32.00	63.00	1.29	0.08	22.00	0.34	513.00
TL13314	78.5	79.5	1328322	4.00	4.31	43.00	516.00	1.00	4.00	0.85	2.00	17.00	29.00	20.00	1.23	0.09	18.00	0.47	605.00
TL13314	79.5	81.0	1328323	3.00	3.92	40.00	527.00	1.00	0.50	0.88	2.00	12.00	23.00	16.00	1.17	0.16	17.00	0.49	495.00
TL13314	81.0	82.5	1328324	3.00	2.70	38.00	517.00	1.00	18.00	1.11	2.00	10.00	32.00	14.00	1.64	0.12	17.00	0.48	607.00
TL13314	82.5	84.0	1328325	3.00	2.95	35.00	488.00	1.00	15.00	1.33	2.00	10.00	45.00	17.00	1.87	0.14	18.00	0.58	675.00
TL13314	84.0	85.5	1328326	2.00	3.31	35.00	467.00	1.00	10.00	1.30	2.00	10.00	38.00	17.00	2.01	0.01	15.00	0.74	726.00
TL13314	85.5	87.0	1328327	3.00	3.37	24.00	381.00	1.00	4.00	1.06	2.00	9.00	37.00	12.00	1.91	0.05	14.00	0.76	702.00
TL13314	87.0	88.5	1328328	3.00	3.02	40.00	479.00	1.00	15.00	0.83	2.00	11.00	24.00	9.00	1.70	0.05	16.00	0.40	379.00
TL13314	88.5	90.0	1328329	3.00	2.57	27.00	431.00	1.00	0.50	1.34	2.00	9.00	28.00	25.00	2.50	0.01	17.00	0.66	677.00
TL13314	90.0	91.5	1328331	5.00	2.79	45.00	539.00	1.00	14.00	1.52	2.00	9.00	49.00	16.00	1.60	0.09	20.00	0.40	446.00
TL13314	91.5	92.5	1328332	3.00	3.89	31.00	540.00	1.00	14.00	1.38	2.00	8.00	48.00	14.00	1.94	0.15	22.00	0.60	597.00
TL13314	92.5	93.5	1328333	4.00	4.04	31.00	562.00	1.00	2.00	1.43	2.00	8.00	48.00	14.00	1.88	0.15	21.00	0.61	819.00
TL13314	93.5	94.5	1328334	4.00	3.67	38.00	512.00	1.00	12.00	0.84	2.00	11.00	23.00	12.00	1.17	0.04	17.00	0.41	431.00
TL13314	94.5	96.0	1328336	3.00	3.63	42.00	497.00	1.00	10.00	1.01	2.00	8.00	24.00	15.00	1.37	0.07	17.00	0.51	520.00
TL13314	94.5	96.0	1328335	3.00	3.08	37.00	569.00	1.00	10.00	1.04	2.00	9.00	34.00	14.00	1.60	0.13	20.00	0.44	526.00
TL13314	96.0	97.5	1328337	3.00	2.47	42.00	552.00	1.00	6.00	0.81	2.00	8.00	38.00	11.00	1.29	0.06	17.00	0.30	408.00
TL13314	97.5	99.0	1328338	3.00	4.79	45.00	507.00	1.00	20.00	1.16	2.00	8.00	37.00	18.00	1.42	0.01	17.00	0.73	698.00
TL13314	99.0	100.5	1328339	3.00	3.09	33.00	442.00	1.00	19.00	0.87	2.00	12.00	25.00	15.00	1.21	0.05	15.00	0.51	565.00
TL13314	100.5	102.0	1328341	4.00	3.52	34.00	616.00	1.00	4.00	1.24	2.00	12.00	38.00	12.00	1.38	0.21	23.00	0.36	442.00
TL13314	102.0	103.0	1328342	4.00	3.73	39.00	739.00	1.00	11.00	1.37	2.00	8.00	52.00	11.00	1.09	0.08	27.00	0.36	475.00
TL13314	103.0	104.0	1328343	3.00	2.80	26.00	505.00	1.00	21.00	0.68	2.00	6.00	36.00	8.00	0.91	0.20	30.00	0.44	369.00
TL13314	104.0	105.0	1328344	4.00	4.03	34.00	607.00	2.00	13.00	1.05	2.00	6.00	39.00	7.00	1.07	0.25	25.00	0.33	325.00
TL13314	105.0	106.0	1328345	7.00	4.95	35.00	293.00	2.00	7.00	0.77	4.00	5.00	23.00	5.00	1.68	0.14	14.00	0.48	401.00
TL13314	106.0	107.0	1328346	4.00	3.79	41.00	552.00	1.00	21.00	1.25	2.00	5.00	32.00	17.00	1.17	0.18	19.00	0.40	468.00
TL13314	107.0	108.0	1328347	3.00	4.42	32.00	459.00	1.00	13.00	1.25	2.00	6.00	28.00	13.00	1.29	0.09	15.00	0.45	462.00
TL13314	108.0	109.5	1328348	4.00	2.39	21.00	485.00	1.00	5.00	1.53	2.00	6.00	30.00	21.00	1.26	0.22	17.00	0.34	505.00
TL13314	109.5	111.0	1328349	2.00	4.24	36.00	258.00	1.00	33.00	1.09	2.00	4.00	17.00	7.00	1.03	0.13	14.00	0.62	583.00
TL13314	111.0	112.5	1328351	3.00	2.30	33.00	355.00	1.00	30.00	1.41	2.00	5.00	19.00	11.00	1.18	0.13	19.00	0.63	761.00
TL13314	112.5	114.0	1328352	138.00	5.03	44.00	427.00	1.00	7.00	2.20	2.00	6.00	52.00	102.00	1.47	0.05	23.00	1.10	1186.00
TL13314	114.0	115.5	1328353	7.00	2.57	39.00	575.00	1.00	6.00	1.31	2.00	6.00	70.00	25.00	1.33	0.08	24.00	0.68	777.00
TL13314	115.5	117.0	1328354	2.00	4.24	34.00	0.50	1.00	16.00	0.01	2.00	6.00	46.00	7.00	1.58	0.11	23.00	1.02	714.00
TL13314	117.0	118.5	1328356	4.00	1.92	28.00	325.00	1.00	21.00	0.92	2.00	6.00	55.00	25.00	1.52	0.34	17.00	0.83	785.00
TL13314	117.0	118.5	1328355	6.00	3.55	44.00	623.00	1.00	15.00	1.46	2.00	12.00	126.00	31.00	3.05	0.04	34.00	1.34	1522.00
TL13314	118.5	120.0	1328357	3.00	3.19	37.00	337.00	1.00	0.50	1.26	2.00	5.00	36.00	11.00	1.23	0.01	16.00	0.68	690.00
TL13314	120.0	121.5	1328358	3.00	1.89	53.00	282.00	1.00	17.00	1.29	2.00	5.00	58.00	10.00	1.32	0.12	14.00	0.57	668.00
TL13314	121.5	123.0	1328359	4.00	2.00	28.00	418.00	1.00	20.00	1.39	2.00	4.00	53.00	9.00	0.94	0.18	18.00	0.49	586.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13314	74.5	76.0	1328318	6.00	54.00	475.00	400.00	0.95	2.50	2.50	5.00	172.00	1875.00	6.00	49.00	5.00	1.00	403.00
TL13314	76.0	77.5	1328319	4.00	34.00	427.00	62.00	1.20	2.50	8.00	5.00	186.00	1819.00	1.00	40.00	5.00	1.00	90.00
TL13314	77.5	78.5	1328321	5.00	38.00	377.00	152.00	1.23	2.50	14.00	5.00	225.00	1619.00	1.00	41.00	5.00	1.00	255.00
TL13314	78.5	79.5	1328322	6.00	53.00	383.00	39.00	0.92	2.50	2.50	5.00	206.00	1607.00	1.00	48.00	5.00	1.00	37.00
TL13314	79.5	81.0	1328323	4.00	42.00	427.00	31.00	0.85	2.50	2.50	5.00	205.00	1732.00	1.00	47.00	5.00	1.00	50.00
TL13314	81.0	82.5	1328324	4.00	39.00	385.00	25.00	0.84	2.50	10.00	5.00	195.00	1964.00	1.00	47.00	5.00	1.00	49.00
TL13314	82.5	84.0	1328325	6.00	59.00	414.00	23.00	0.82	2.50	2.50	5.00	194.00	2120.00	1.00	56.00	5.00	1.00	40.00
TL13314	84.0	85.5	1328326	4.00	48.00	391.00	24.00	0.76	2.50	2.50	5.00	183.00	2006.00	1.00	50.00	5.00	2.00	45.00
TL13314	85.5	87.0	1328327	3.00	46.00	412.00	19.00	0.66	2.50	2.50	5.00	167.00	1987.00	1.00	49.00	5.00	2.00	34.00
TL13314	87.0	88.5	1328328	4.00	40.00	369.00	25.00	0.78	2.50	2.50	5.00	159.00	1943.00	1.00	46.00	5.00	1.00	26.00
TL13314	88.5	90.0	1328329	2.00	35.00	401.00	25.00	0.91	2.50	2.50	5.00	193.00	2053.00	7.00	46.00	5.00	1.00	63.00
TL13314	90.0	91.5	1328331	7.00	47.00	357.00	28.00	1.24	2.50	2.50	5.00	182.00	1569.00	1.00	39.00	5.00	1.00	39.00
TL13314	91.5	92.5	1328332	8.00	57.00	478.00	28.00	0.91	2.50	5.00	5.00	189.00	2288.00	1.00	60.00	5.00	1.00	32.00
TL13314	92.5	93.5	1328333	6.00	53.00	423.00	36.00	0.96	2.50	19.00	5.00	187.00	1969.00	1.00	53.00	5.00	1.00	35.00
TL13314	93.5	94.5	1328334	3.00	34.00	380.00	39.00	0.90	2.50	2.50	5.00	171.00	1733.00	1.00	43.00	5.00	1.00	49.00
TL13314	94.5	96.0	1328336	4.00	33.00	443.00	30.00	0.88	2.50	2.50	5.00	189.00	1697.00	1.00	44.00	5.00	1.00	26.00
TL13314	94.5	96.0	1328335	4.00	43.00	455.00	34.00	0.98	2.50	2.50	5.00	195.00	1774.00	9.00	51.00	5.00	1.00	28.00
TL13314	96.0	97.5	1328337	7.00	56.00	454.00	65.00	0.98	2.50	9.00	5.00	190.00	1692.00	5.00	51.00	5.00	1.00	57.00
TL13314	97.5	99.0	1328338	6.00	49.00	517.00	69.00	0.77	2.50	17.00	10.00	201.00	1882.00	1.00	54.00	5.00	1.00	95.00
TL13314	99.0	100.5	1328339	0.50	32.00	431.00	37.00	0.77	2.50	10.00	5.00	181.00	1788.00	1.00	44.00	5.00	1.00	59.00
TL13314	100.5	102.0	1328341	4.00	37.00	476.00	45.00	1.12	2.50	2.50	5.00	195.00	1803.00	1.00	47.00	5.00	1.00	60.00
TL13314	102.0	103.0	1328342	7.00	39.00	432.00	36.00	1.30	2.50	5.00	5.00	203.00	1976.00	1.00	50.00	5.00	1.00	36.00
TL13314	103.0	104.0	1328343	4.00	34.00	338.00	31.00	0.96	2.50	2.50	5.00	160.00	1990.00	1.00	49.00	5.00	1.00	122.00
TL13314	104.0	105.0	1328344	5.00	39.00	380.00	40.00	1.12	2.50	12.00	5.00	190.00	1903.00	1.00	48.00	13.00	1.00	76.00
TL13314	105.0	106.0	1328345	4.00	37.00	359.00	360.00	0.81	2.50	10.00	5.00	177.00	1407.00	1.00	37.00	23.00	1.00	1814.00
TL13314	106.0	107.0	1328346	7.00	40.00	351.00	46.00	1.08	2.50	2.50	14.00	203.00	1626.00	1.00	38.00	5.00	1.00	62.00
TL13314	107.0	108.0	1328347	6.00	43.00	352.00	34.00	0.83	5.00	19.00	5.00	190.00	1501.00	1.00	43.00	5.00	1.00	39.00
TL13314	108.0	109.5	1328348	5.00	36.00	394.00	41.00	1.09	2.50	9.00	5.00	207.00	1414.00	13.00	37.00	5.00	1.00	37.00
TL13314	109.5	111.0	1328349	2.00	26.00	374.00	27.00	0.68	2.50	10.00	5.00	177.00	1555.00	1.00	37.00	5.00	1.00	19.00
TL13314	111.0	112.5	1328351	0.50	16.00	356.00	35.00	0.94	2.50	5.00	5.00	190.00	1689.00	31.00	30.00	5.00	1.00	30.00
TL13314	112.5	114.0	1328352	21.00	61.00	389.00	586.00	1.02	40.00	2.50	5.00	206.00	1631.00	1.00	33.00	14.00	1.00	653.00
TL13314	114.0	115.5	1328353	10.00	64.00	456.00	91.00	1.18	2.50	2.50	5.00	176.00	1877.00	1.00	41.00	5.00	1.00	74.00
TL13314	115.5	117.0	1328354	7.00	80.00	413.00	34.00	1.07	2.50	13.00	5.00	146.00	1671.00	2.00	41.00	5.00	5.00	46.00
TL13314	117.0	118.5	1328356	9.00	78.00	381.00	53.00	0.85	5.00	10.00	5.00	153.00	1652.00	1.00	38.00	5.00	1.00	125.00
TL13314	117.0	118.5	1328355	23.00	177.00	692.00	76.00	0.97	6.00	19.00	10.00	215.00	2923.00	1.00	73.00	5.00	2.00	165.00
TL13314	118.5	120.0	1328357	5.00	52.00	380.00	45.00	0.79	7.00	6.00	5.00	167.00	1613.00	1.00	31.00	5.00	1.00	56.00
TL13314	120.0	121.5	1328358	10.00	79.00	474.00	38.00	0.83	2.50	6.00	5.00	144.00	1443.00	1.00	29.00	5.00	1.00	134.00
TL13314	121.5	123.0	1328359	9.00	64.00	570.00	46.00	1.04	2.50	8.00	5.00	163.00	1503.00	1.00	27.00	5.00	1.00	58.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13314	123.0	124.5	1328361	3.00	3.39	40.00	370.00	1.00	14.00	1.17	2.00	6.00	49.00	19.00	1.32	0.09	13.00	0.63	540.00
TL13314	124.5	125.9	1328362	2.00	3.53	40.00	346.00	1.00	18.00	1.37	2.00	5.00	40.00	13.00	1.27	0.21	14.00	0.72	648.00
TL13314	125.9	127.0	1328363	3.00	4.89	35.00	373.00	1.00	8.00	1.04	2.00	5.00	29.00	8.00	1.07	0.08	14.00	0.78	573.00
TL13314	127.0	128.5	1328364	5.00	2.29	35.00	501.00	2.00	5.00	1.22	2.00	3.00	41.00	15.00	0.66	0.15	21.00	0.40	339.00
TL13314	128.5	129.5	1328365	3.00	2.97	49.00	462.00	2.00	10.00	0.89	2.00	6.00	22.00	24.00	1.20	0.10	28.00	0.88	728.00
TL13314	129.5	131.0	1328366	3.00	2.12	47.00	524.00	1.00	21.00	1.15	2.00	5.00	20.00	17.00	1.12	0.16	37.00	0.90	763.00
TL13314	131.0	132.0	1328367	4.00	0.99	45.00	550.00	1.00	3.00	1.29	2.00	6.00	37.00	17.00	0.90	0.01	25.00	0.52	589.00
TL13314	132.0	133.0	1328368	0.50	0.01	34.00	0.50	1.00	0.50	0.01	2.00	4.00	0.50	9.00	0.92	0.01	0.50	1.18	647.00
TL13314	133.0	134.0	1328369	5.00	1.73	47.00	420.00	2.00	19.00	0.63	2.00	6.00	28.00	144.00	0.82	0.01	16.00	0.32	231.00
TL13314	134.0	135.0	1328371	5.00	1.14	43.00	560.00	1.00	6.00	0.57	2.00	7.00	39.00	15.00	0.57	0.01	15.00	0.12	50.00
TL13314	135.0	136.0	1328372	7.00	0.01	57.00	838.00	2.00	9.00	0.85	2.00	9.00	72.00	35.00	0.60	0.01	18.00	0.06	50.00
TL13314	136.0	137.0	1328373	5.00	2.17	65.00	459.00	1.00	49.00	0.18	2.00	8.00	27.00	29.00	0.80	0.05	13.00	0.19	50.00
TL13314	137.0	138.0	1328374	4.00	1.54	41.00	456.00	1.00	69.00	0.53	2.00	9.00	23.00	14.00	0.76	0.01	23.00	0.43	347.00
TL13314	138.0	139.0	1328375	8.00	2.08	97.00	368.00	2.00	3.00	0.61	2.00	9.00	29.00	74.00	2.02	0.01	17.00	0.40	293.00
TL13314	138.0	139.0	1328376	8.00	2.39	85.00	337.00	1.00	24.00	0.61	2.00	10.00	29.00	71.00	1.83	0.01	16.00	0.48	328.00
TL13314	139.0	140.0	1328377	8.00	8.56	48.00	166.00	1.00	3.00	0.62	2.00	7.00	27.00	74.00	1.69	0.74	33.00	0.81	337.00
TL13314	140.0	141.0	1328378	5.00	2.06	59.00	559.00	2.00	21.00	1.20	2.00	8.00	37.00	24.00	1.30	0.05	22.00	0.55	655.00
TL13314	141.0	141.7	1328379	2.00	0.01	42.00	0.50	1.00	5.00	0.01	2.00	5.00	0.50	17.00	1.54	0.01	0.50	0.15	50.00
TL13314	141.7	143.2	1328381	6.00	3.19	50.00	461.00	1.00	6.00	0.40	2.00	6.00	24.00	47.00	1.39	0.18	20.00	0.37	264.00
TL13314	143.2	144.0	1328382	5.00	1.38	44.00	621.00	1.00	3.00	1.68	2.00	7.00	38.00	15.00	1.05	0.03	27.00	0.64	1074.00
TL13314	144.0	145.5	1328383	6.00	1.13	48.00	820.00	1.00	13.00	1.08	2.00	6.00	51.00	17.00	0.88	0.01	23.00	0.19	310.00
TL13314	145.5	146.5	1328384	25.00	1.47	92.00	389.00	1.00	6.00	0.22	16.00	10.00	43.00	270.00	2.80	0.01	11.00	0.15	124.00
TL13314	146.5	147.5	1328385	5.00	1.89	69.00	524.00	1.00	16.00	0.35	2.00	7.00	44.00	31.00	1.85	0.01	17.00	0.19	145.00
TL13314	147.5	148.5	1328386	8.00	1.57	46.00	445.00	2.00	0.50	0.76	2.00	5.00	38.00	52.00	1.28	0.01	17.00	0.35	487.00
TL13314	148.5	149.4	1328387	6.00	2.57	50.00	554.00	1.00	3.00	0.71	2.00	7.00	55.00	13.00	1.30	0.01	17.00	0.25	252.00
TL13314	149.4	150.9	1328388	5.00	1.51	34.00	583.00	1.00	14.00	1.95	2.00	8.00	42.00	16.00	1.34	0.01	19.00	0.60	673.00
TL13314	153.0	154.0	367812	0.50	4.88	11.00	271.00	1.00	4.00	1.87	2.00	8.00	32.00	13.00	1.44	0.74	9.00	1.05	655.00
TL13314	154.0	155.0	367813	0.50	5.97	13.00	269.00	1.00	5.00	2.34	2.00	9.00	31.00	16.00	1.72	0.41	8.00	1.38	806.00
TL13314	155.0	156.0	367814	0.50	5.10	5.00	303.00	1.00	4.00	2.14	2.00	8.00	39.00	9.00	1.82	0.60	10.00	1.10	626.00
TL13314	156.0	157.0	367815	0.50	6.57	7.00	370.00	1.00	4.00	2.06	2.00	8.00	52.00	11.00	1.71	0.37	13.00	1.23	746.00
TL13314	157.0	158.0	367816	0.50	7.43	4.00	355.00	1.00	4.00	2.21	2.00	5.00	27.00	4.00	1.73	0.57	13.00	1.35	650.00
TL13314	158.0	159.0	367817	0.50	7.92	6.00	346.00	1.00	4.00	2.15	2.00	6.00	30.00	7.00	1.59	0.86	13.00	1.33	539.00
TL13314	159.0	160.0	367818	0.50	7.73	12.00	350.00	2.00	5.00	2.25	2.00	6.00	21.00	7.00	1.55	0.49	13.00	1.39	653.00
TL13314	160.0	161.0	367819	1.00	6.47	8.00	281.00	1.00	4.00	1.79	2.00	6.00	54.00	17.00	1.94	0.88	11.00	1.26	691.00
TL13314	161.0	162.0	367821	2.00	5.37	12.00	189.00	1.00	4.00	1.71	2.00	4.00	40.00	16.00	1.82	0.84	10.00	1.39	768.00
TL13314	162.0	163.0	367822	2.00	5.97	9.00	154.00	1.00	6.00	2.04	2.00	6.00	22.00	26.00	2.12	0.79	12.00	2.38	1238.00
TL13314	163.0	164.0	367823	0.50	6.13	3.00	288.00	1.00	6.00	1.65	2.00	8.00	31.00	7.00	1.96	0.77	16.00	1.74	835.00
TL13314	164.0	165.0	367824	0.50	7.53	10.00	368.00	1.00	4.00	1.40	2.00	5.00	45.00	6.00	1.80	1.10	18.00	1.65	721.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13314	123.0	124.5	1328361	9.00	83.00	368.00	39.00	0.68	5.00	9.00	5.00	153.00	1689.00	8.00	33.00	10.00	1.00	50.00
TL13314	124.5	125.9	1328362	7.00	74.00	349.00	41.00	0.72	2.50	16.00	5.00	151.00	1718.00	1.00	29.00	5.00	1.00	48.00
TL13314	125.9	127.0	1328363	5.00	45.00	375.00	38.00	0.75	2.50	20.00	5.00	124.00	1759.00	4.00	31.00	5.00	1.00	33.00
TL13314	127.0	128.5	1328364	5.00	26.00	269.00	64.00	1.20	7.00	11.00	5.00	124.00	1275.00	17.00	21.00	5.00	1.00	35.00
TL13314	128.5	129.5	1328365	2.00	17.00	362.00	36.00	0.98	6.00	9.00	5.00	124.00	1763.00	19.00	29.00	5.00	1.00	40.00
TL13314	129.5	131.0	1328366	1.00	11.00	364.00	38.00	1.05	2.50	2.50	5.00	133.00	1742.00	1.00	31.00	5.00	1.00	32.00
TL13314	131.0	132.0	1328367	5.00	27.00	353.00	43.00	1.30	2.50	9.00	5.00	134.00	1708.00	1.00	29.00	5.00	1.00	181.00
TL13314	132.0	133.0	1328368	0.50	20.00	320.00	22.00	0.04	2.50	10.00	5.00	22.00	381.00	4.00	8.00	5.00	2.00	82.00
TL13314	133.0	134.0	1328369	4.00	28.00	282.00	189.00	1.02	2.50	14.00	5.00	104.00	1288.00	1.00	23.00	14.00	1.00	1055.00
TL13314	134.0	135.0	1328371	5.00	31.00	277.00	109.00	1.24	2.50	5.00	11.00	116.00	1291.00	1.00	24.00	5.00	1.00	163.00
TL13314	135.0	136.0	1328372	11.00	62.00	337.00	61.00	1.81	8.00	16.00	5.00	142.00	1469.00	7.00	24.00	5.00	1.00	215.00
TL13314	136.0	137.0	1328373	3.00	30.00	335.00	61.00	0.88	6.00	2.50	11.00	93.00	1534.00	1.00	29.00	5.00	1.00	367.00
TL13314	137.0	138.0	1328374	2.00	26.00	364.00	44.00	0.94	2.50	9.00	17.00	110.00	1705.00	1.00	30.00	5.00	1.00	102.00
TL13314	138.0	139.0	1328375	4.00	39.00	292.00	282.00	0.99	9.00	6.00	5.00	111.00	1401.00	1.00	26.00	12.00	1.00	465.00
TL13314	138.0	139.0	1328376	4.00	42.00	304.00	306.00	0.93	6.00	8.00	5.00	113.00	1405.00	1.00	26.00	10.00	1.00	421.00
TL13314	139.0	140.0	1328377	0.50	31.00	351.00	391.00	0.10	6.00	7.00	5.00	97.00	1698.00	1.00	32.00	5.00	7.00	360.00
TL13314	140.0	141.0	1328378	3.00	28.00	432.00	49.00	1.11	2.50	10.00	5.00	135.00	1934.00	1.00	37.00	5.00	1.00	67.00
TL13314	141.0	141.7	1328379	0.50	24.00	319.00	31.00	0.09	2.50	2.50	5.00	5.00	50.00	1.00	4.00	5.00	2.00	201.00
TL13314	141.7	143.2	1328381	3.00	26.00	358.00	50.00	0.92	2.50	2.50	10.00	99.00	1764.00	1.00	30.00	15.00	1.00	553.00
TL13314	143.2	144.0	1328382	5.00	29.00	380.00	49.00	1.29	6.00	19.00	5.00	166.00	1802.00	1.00	31.00	13.00	1.00	158.00
TL13314	144.0	145.5	1328383	7.00	28.00	355.00	83.00	1.60	2.50	12.00	5.00	143.00	1728.00	1.00	27.00	12.00	1.00	187.00
TL13314	145.5	146.5	1328384	11.00	59.00	251.00	996.00	1.05	11.00	2.50	10.00	90.00	1292.00	1.00	40.00	62.00	1.00	6520.00
TL13314	146.5	147.5	1328385	10.00	47.00	348.00	96.00	1.04	6.00	11.00	5.00	101.00	1718.00	1.00	43.00	12.00	1.00	423.00
TL13314	147.5	148.5	1328386	6.00	43.00	330.00	228.00	0.90	7.00	2.50	5.00	130.00	1668.00	1.00	41.00	10.00	1.00	314.00
TL13314	148.5	149.4	1328387	12.00	61.00	330.00	130.00	1.04	7.00	17.00	10.00	128.00	1749.00	1.00	48.00	5.00	1.00	166.00
TL13314	149.4	150.9	1328388	5.00	37.00	351.00	65.00	1.17	2.50	9.00	11.00	187.00	1688.00	27.00	38.00	13.00	1.00	60.00
TL13314	153.0	154.0	367812	4.00	49.00	369.00	23.00	0.05	2.50	2.50	5.00	148.00	1757.00	1.00	40.00	5.00	5.00	38.00
TL13314	154.0	155.0	367813	2.00	38.00	386.00	18.00	0.09	2.50	2.50	5.00	145.00	1929.00	2.00	43.00	5.00	6.00	31.00
TL13314	155.0	156.0	367814	6.00	70.00	359.00	13.00	0.03	2.50	2.50	5.00	148.00	1936.00	1.00	47.00	5.00	5.00	34.00
TL13314	156.0	157.0	367815	7.00	77.00	410.00	15.00	0.04	2.50	2.50	5.00	134.00	2177.00	1.00	55.00	5.00	6.00	31.00
TL13314	157.0	158.0	367816	3.00	41.00	399.00	17.00	0.05	2.50	5.00	5.00	140.00	2109.00	10.00	43.00	11.00	6.00	30.00
TL13314	158.0	159.0	367817	3.00	37.00	434.00	18.00	0.07	2.50	2.50	5.00	145.00	2166.00	1.00	42.00	11.00	6.00	27.00
TL13314	159.0	160.0	367818	2.00	33.00	418.00	18.00	0.06	2.50	2.50	5.00	140.0	2109.00	1.00	40.00	5.00	6.00	30.00
TL13314	160.0	161.0	367819	14.00	105.00	423.00	21.00	0.05	2.50	2.50	5.00	113.00	1919.00	3.00	58.00	5.00	6.00	215.00
TL13314	161.0	162.0	367821	8.00	66.00	322.00	26.00	0.05	2.50	2.50	5.00	105.00	1426.00	4.00	40.00	12.00	6.00	137.00
TL13314	162.0	163.0	367822	7.00	34.00	395.00	15.00	0.07	2.50	2.50	5.00	102.00	1503.00	1.00	32.00	11.00	7.00	105.00
TL13314	163.0	164.0	367823	9.00	59.00	417.00	14.00	0.06	2.50	2.50	5.00	114.00	2072.00	1.00	47.00	14.00	5.00	63.00
TL13314	164.0	165.0	367824	11.00	79.00	412.00	14.00	0.05	2.50	2.50	10.00	108.00	2246.00	1.00	54.00	5.00	5.00	43.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13314	165.0	166.0	367826	0.50	5.32	5.00	215.00	1.00	6.00	1.01	2.00	6.00	21.00	4.00	1.51	0.35	12.00	1.83	637.00
TL13314	165.0	166.0	367825	0.50	5.23	9.00	217.00	1.00	6.00	0.87	2.00	5.00	26.00	4.00	1.48	0.48	11.00	1.74	586.00
TL13314	166.0	167.0	367827	0.50	5.39	6.00	246.00	1.00	3.00	1.23	2.00	8.00	20.00	8.00	1.67	0.49	10.00	1.88	751.00
TL13314	167.0	168.0	367828	0.50	4.52	8.00	206.00	2.00	5.00	1.23	2.00	6.00	16.00	4.00	1.55	1.18	10.00	1.62	563.00
TL13314	168.0	169.0	367829	0.50	5.88	8.00	275.00	1.00	4.00	1.19	2.00	6.00	19.00	4.00	1.43	0.77	9.00	1.48	445.00
TL13314	169.0	170.0	367831	0.50	6.28	7.00	290.00	1.00	2.00	1.42	2.00	6.00	28.00	5.00	1.67	0.63	11.00	1.50	497.00
TL13314	170.0	171.0	367832	0.50	6.04	6.00	302.00	1.00	5.00	1.60	2.00	7.00	27.00	4.00	1.81	0.63	12.00	1.52	578.00
TL13314	171.0	172.0	367833	0.50	5.47	7.00	278.00	1.00	4.00	1.73	2.00	6.00	29.00	4.00	1.81	0.43	13.00	1.52	668.00
TL13314	172.0	173.0	367834	0.50	4.99	6.00	284.00	1.00	4.00	1.44	2.00	6.00	25.00	3.00	1.58	0.53	16.00	1.18	594.00
TL13314	173.0	174.0	367835	0.50	5.81	11.00	303.00	1.00	5.00	2.43	2.00	5.00	38.00	8.00	2.02	0.98	18.00	1.62	1013.00
TL13314	174.0	175.0	367836	0.50	6.52	7.00	325.00	1.00	3.00	1.94	2.00	5.00	44.00	5.00	1.94	0.93	24.00	1.64	848.00
TL13314	175.0	176.0	367837	0.50	7.23	9.00	417.00	1.00	5.00	2.17	2.00	5.00	34.00	7.00	1.99	0.84	21.00	1.57	791.00
TL13314	176.0	177.0	367838	0.50	4.31	10.00	334.00	1.00	3.00	1.62	2.00	4.00	63.00	19.00	1.69	0.81	5.00	0.88	429.00
TL13314	177.0	178.0	367839	0.50	7.45	25.00	501.00	1.00	4.00	2.11	2.00	6.00	20.00	12.00	2.02	0.73	15.00	1.26	612.00
TL13314	178.0	179.0	367841	0.50	7.16	16.00	512.00	1.00	5.00	2.12	2.00	5.00	19.00	7.00	1.83	0.79	14.00	1.21	675.00
TL13314	179.0	179.6	367842	0.50	6.57	20.00	567.00	1.00	5.00	2.39	2.00	6.00	33.00	9.00	2.03	0.90	14.00	1.25	764.00
TL13314	179.6	180.5	367843	0.50	6.15	27.00	502.00	1.00	5.00	1.91	2.00	7.00	31.00	12.00	2.12	0.84	15.00	1.13	653.00
TL13314	180.5	182.0	1328389	3.00	2.98	57.00	689.00	1.00	38.00	1.69	2.00	8.00	34.00	14.00	1.87	0.01	18.00	0.55	550.00
TL13314	182.0	183.5	1328391	3.00	3.08	59.00	757.00	1.00	11.00	1.66	2.00	7.00	34.00	17.00	1.71	0.01	23.00	0.52	556.00
TL13314	183.5	185.0	1328392	4.00	3.16	48.00	701.00	2.00	13.00	2.05	2.00	6.00	35.00	20.00	1.64	0.01	23.00	0.65	623.00
TL13314	185.0	186.5	1328393	4.00	1.75	59.00	741.00	1.00	1.00	1.82	2.00	8.00	33.00	14.00	2.33	0.01	24.00	0.48	491.00
TL13314	186.5	187.5	1328394	6.00	1.97	81.00	991.00	2.00	11.00	2.41	2.00	9.00	62.00	15.00	1.99	0.01	25.00	0.51	589.00
TL13314	187.5	189.0	1328395	3.00	2.89	63.00	754.00	1.00	0.50	2.15	2.00	9.00	31.00	12.00	2.08	0.01	22.00	0.80	744.00
TL13314	187.5	189.0	1328396	3.00	2.59	59.00	772.00	2.00	6.00	2.17	2.00	8.00	28.00	10.00	2.02	0.01	23.00	0.79	746.00
TL13314	189.0	190.5	1328397	3.00	3.76	49.00	599.00	2.00	10.00	2.82	2.00	9.00	20.00	59.00	2.36	0.01	19.00	1.23	1144.00
TL13314	190.5	192.0	1328398	3.00	1.88	44.00	836.00	2.00	2.00	2.29	2.00	9.00	34.00	41.00	2.04	0.01	20.00	1.06	1085.00
TL13314	192.0	193.5	1328399	3.00	1.65	50.00	667.00	2.00	9.00	2.60	2.00	9.00	28.00	19.00	1.89	0.01	30.00	1.40	926.00
TL13314	193.5	195.0	1328401	0.50	0.01	36.00	0.50	1.00	0.50	0.54	2.00	7.00	0.50	15.00	1.74	0.01	0.50	1.69	846.00
TL13314	195.0	196.5	1328402	3.00	2.81	61.00	619.00	1.00	6.00	3.78	2.00	8.00	31.00	46.00	2.23	0.10	22.00	1.50	1443.00
TL13314	196.5	197.5	1328403	5.00	3.28	57.00	582.00	2.00	10.00	2.30	2.00	20.00	165.00	61.00	3.67	0.06	22.00	1.06	970.00
TL13314	197.5	199.0	1328404	4.00	2.64	47.00	543.00	1.00	13.00	2.52	2.00	19.00	159.00	35.00	3.53	0.01	23.00	1.29	1056.00
TL13314	213.3	214.8	1328405	7.00	3.12	46.00	1382.00	1.00	12.00	2.55	2.00	6.00	66.00	19.00	1.22	0.01	31.00	0.49	567.00
TL13314	214.8	216.3	1328406	3.00	2.18	41.00	703.00	1.00	0.50	1.49	2.00	6.00	24.00	18.00	1.14	0.01	19.00	0.58	384.00
TL13314	216.3	217.8	1328407	3.00	2.92	43.00	748.00	1.00	0.50	1.35	2.00	5.00	27.00	10.00	1.27	0.02	18.00	0.79	475.00
TL13314	217.8	219.3	1328408	3.00	2.66	49.00	776.00	1.00	8.00	1.76	2.00	7.00	33.00	14.00	1.32	0.01	27.00	0.69	567.00
TL13314	219.3	220.8	1328409	4.00	1.91	62.00	859.00	2.00	9.00	2.56	2.00	9.00	36.00	20.00	2.13	0.01	24.00	0.94	877.00
TL13314	220.8	222.3	1328411	4.00	6.92	60.00	536.00	2.00	27.00	5.24	2.00	8.00	29.00	14.00	2.55	0.10	19.00	2.56	1561.00
TL13314	222.3	223.3	1328412	0.50	0.01	35.00	0.50	1.00	4.00	0.04	2.00	4.00	3.00	12.00	1.26	0.01	0.50	0.96	440.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13314	165.0	166.0	367826	3.00	36.00	352.00	8.00	0.03	2.50	2.50	5.00	86.00	1818.00	8.00	36.00	16.00	5.00	40.00
TL13314	165.0	166.0	367825	5.00	50.00	354.00	12.00	0.03	2.50	2.50	5.00	80.00	1799.00	1.00	40.00	5.00	5.00	36.00
TL13314	166.0	167.0	367827	3.00	34.00	360.00	9.00	0.05	2.50	2.50	5.00	89.00	1781.00	1.00	35.00	5.00	5.00	57.00
TL13314	167.0	168.0	367828	2.00	31.00	332.00	6.00	0.03	2.50	2.50	5.00	89.00	1757.00	1.00	35.00	5.00	5.00	26.00
TL13314	168.0	169.0	367829	3.00	39.00	362.00	9.00	0.03	2.50	2.50	5.00	86.00	1823.00	4.00	39.00	5.00	5.00	21.00
TL13314	169.0	170.0	367831	6.00	54.00	378.00	96.00	0.04	2.50	2.50	5.00	93.00	1945.00	1.00	44.00	5.00	5.00	30.00
TL13314	170.0	171.0	367832	4.00	48.00	401.00	4.00	0.05	2.50	2.50	5.00	100.00	2041.00	3.00	44.00	5.00	5.00	37.00
TL13314	171.0	172.0	367833	6.00	52.00	410.00	10.00	0.06	5.00	2.50	5.00	101.00	1944.00	1.00	44.00	5.00	5.00	40.00
TL13314	172.0	173.0	367834	4.00	41.00	383.00	5.00	0.04	2.50	2.50	5.00	95.00	2027.00	7.00	42.00	5.00	4.00	39.00
TL13314	173.0	174.0	367835	9.00	62.00	373.00	5.00	0.10	2.50	2.50	5.00	127.00	1907.00	1.00	46.00	5.00	5.00	23.00
TL13314	174.0	175.0	367836	11.00	78.00	404.00	12.00	0.05	2.50	2.50	5.00	142.00	2088.00	1.00	52.00	5.00	5.00	20.00
TL13314	175.0	176.0	367837	8.00	64.00	420.00	14.00	0.05	2.50	2.50	5.00	147.00	2187.00	7.00	50.00	5.00	6.00	43.00
TL13314	176.0	177.0	367838	11.00	92.00	321.00	15.00	0.05	2.50	2.50	5.00	129.00	1384.00	2.00	44.00	5.00	6.00	30.00
TL13314	177.0	178.0	367839	3.00	34.00	583.00	28.00	0.22	2.50	2.50	5.00	182.00	2493.00	7.00	48.00	10.00	7.00	44.00
TL13314	178.0	179.0	367841	3.00	33.00	569.00	8.00	0.19	2.50	2.50	5.00	172.00	2469.00	2.00	47.00	5.00	6.00	34.00
TL13314	179.0	179.6	367842	6.00	58.00	607.00	12.00	0.14	2.50	2.50	5.00	198.00	2641.00	1.00	57.00	11.00	5.00	49.00
TL13314	179.6	180.5	367843	6.00	57.00	570.00	15.00	0.24	2.50	2.50	5.00	183.00	2515.00	1.00	54.00	5.00	5.00	46.00
TL13314	180.5	182.0	1328389	6.00	40.00	555.00	35.00	0.96	6.00	2.50	5.00	180.00	2379.00	1.00	51.00	5.00	1.00	22.00
TL13314	182.0	183.5	1328391	5.00	31.00	571.00	44.00	1.05	2.50	5.00	5.00	159.00	2494.00	1.00	53.00	5.00	1.00	49.00
TL13314	183.5	185.0	1328392	6.00	39.00	552.00	50.00	1.04	8.00	7.00	12.00	158.00	2160.00	1.00	50.00	5.00	1.00	113.00
TL13314	185.0	186.5	1328393	5.00	24.00	522.00	43.00	1.17	2.50	13.00	5.00	144.00	2300.00	1.00	47.00	10.00	1.00	32.00
TL13314	186.5	187.5	1328394	10.00	44.00	506.00	99.00	1.70	2.50	11.00	5.00	193.00	2105.00	1.00	37.00	11.00	1.00	351.00
TL13314	187.5	189.0	1328395	4.00	40.00	537.00	101.00	0.97	5.00	8.00	5.00	169.00	2130.00	4.00	40.00	15.00	1.00	99.00
TL13314	187.5	189.0	1328396	3.00	32.00	552.00	240.00	0.99	9.00	5.00	5.00	169.00	2250.00	1.00	41.00	11.00	1.00	123.00
TL13314	189.0	190.5	1328397	3.00	22.00	508.00	43.00	0.87	2.50	2.50	15.00	159.00	2022.00	2.00	37.00	5.00	1.00	60.00
TL13314	190.5	192.0	1328398	5.00	53.00	514.00	65.00	0.87	2.50	2.50	5.00	153.00	2103.00	40.00	39.00	5.00	1.00	41.00
TL13314	192.0	193.5	1328399	4.00	28.00	496.00	77.00	1.06	2.50	2.50	5.00	119.00	2043.00	12.00	35.00	13.00	1.00	323.00
TL13314	193.5	195.0	1328401	0.50	20.00	507.00	74.00	0.05	2.50	2.50	5.00	13.00	1065.00	4.00	23.00	5.00	3.00	38.00
TL13314	195.0	196.5	1328402	3.00	35.00	499.00	172.00	0.97	2.50	6.00	5.00	171.00	2035.00	1.00	39.00	5.00	2.00	171.00
TL13314	196.5	197.5	1328403	6.00	92.00	521.00	477.00	0.96	8.00	2.50	5.00	144.00	2528.00	1.00	77.00	25.00	5.00	134.00
TL13314	197.5	199.0	1328404	5.00	77.00	495.00	56.00	1.10	2.50	10.00	5.00	175.00	2573.00	1.00	76.00	5.00	4.00	84.00
TL13314	213.3	214.8	1328405	9.00	39.00	369.00	64.00	1.84	5.00	12.00	5.00	209.00	1840.00	1.00	27.00	5.00	1.00	134.00
TL13314	214.8	216.3	1328406	2.00	25.00	287.00	25.00	0.92	2.50	2.50	5.00	156.00	1596.00	1.00	25.00	5.00	1.00	37.00
TL13314	216.3	217.8	1328407	5.00	40.00	314.00	31.00	0.81	6.00	5.00	5.00	186.00	1756.00	1.00	27.00	5.00	1.00	16.00
TL13314	217.8	219.3	1328408	3.00	25.00	338.00	28.00	0.98	5.00	2.50	5.00	115.00	1821.00	1.00	29.00	5.00	1.00	39.00
TL13314	219.3	220.8	1328409	3.00	28.00	428.00	247.00	1.07	5.00	2.50	5.00	170.00	1971.00	1.00	37.00	17.00	1.00	854.00
TL13314	220.8	222.3	1328411	2.00	22.00	383.00	1381.00	1.02	7.00	15.00	5.00	221.00	1751.00	2.00	35.00	16.00	2.00	813.00
TL13314	222.3	223.3	1328412	0.50	29.00	285.00	26.00	0.05	6.00	2.50	5.00	38.00	483.00	1.00	9.00	5.00	2.00	45.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13314	223.3	224.3	1328413	4.00	2.79	58.00	709.00	2.00	17.00	1.35	2.00	8.00	46.00	36.00	1.77	0.08	22.00	0.47	367.00
TL13314	224.3	225.5	1328414	4.00	2.56	55.00	938.00	2.00	0.50	1.00	2.00	8.00	63.00	17.00	1.46	0.03	26.00	0.23	214.00
TL13314	225.5	227.0	1328416	2.00	8.99	26.00	677.00	2.00	14.00	2.54	2.00	7.00	60.00	12.00	1.50	1.17	54.00	0.84	630.00
TL13314	225.5	227.0	1328415	4.00	2.23	44.00	868.00	1.00	13.00	2.01	2.00	9.00	53.00	13.00	1.61	0.07	25.00	0.66	671.00
TL13314	227.0	228.5	1328417	3.00	2.09	42.00	740.00	1.00	15.00	1.99	2.00	7.00	45.00	15.00	1.48	0.14	18.00	0.75	723.00
TL13314	228.5	230.0	1328418	3.00	2.81	30.00	680.00	1.00	16.00	2.06	2.00	7.00	39.00	34.00	1.86	0.07	16.00	0.99	718.00
TL13314	230.0	231.5	1328419	3.00	2.96	36.00	905.00	1.00	11.00	2.08	2.00	6.00	44.00	15.00	1.59	0.01	20.00	0.77	649.00
TL13314	231.5	233.0	1328421	3.00	1.08	33.00	547.00	1.00	3.00	1.66	2.00	15.00	153.00	67.00	3.09	0.01	21.00	1.33	813.00
TL13314	233.0	234.5	1328422	5.00	1.25	29.00	754.00	2.00	7.00	1.13	2.00	23.00	188.00	47.00	3.75	0.01	33.00	1.09	587.00
TL13314	234.5	236.0	1328423	4.00	3.91	41.00	647.00	3.00	16.00	1.32	2.00	21.00	167.00	47.00	3.93	0.03	36.00	1.61	665.00
TL13314	236.0	237.5	1328424	3.00	4.91	47.00	504.00	2.00	0.50	1.38	2.00	21.00	154.00	42.00	3.92	0.19	37.00	2.32	688.00
TL13314	237.5	238.9	1328425	4.00	3.04	31.00	557.00	2.00	23.00	1.01	2.00	20.00	176.00	69.00	3.66	0.17	38.00	1.80	604.00
TL13314	238.9	240.0	1328426	3.00	11.52	52.00	406.00	2.00	31.00	0.78	2.00	13.00	174.00	223.00	3.02	1.18	47.00	1.38	235.00
TL13314	240.0	241.0	1328427	11.00	3.20	117.00	490.00	2.00	19.00	0.73	10.00	18.00	158.00	689.00	4.14	0.01	22.00	0.58	179.00
TL13314	241.0	242.0	1328428	5.00	5.86	90.00	338.00	1.00	12.00	1.40	4.00	15.00	148.00	105.00	4.46	0.04	31.00	2.76	561.00
TL13314	242.0	243.0	1328429	5.00	2.54	82.00	543.00	2.00	22.00	1.19	5.00	16.00	163.00	114.00	3.71	0.01	30.00	1.40	498.00
TL13314	243.0	244.5	1328431	4.00	2.34	64.00	528.00	1.00	14.00	1.06	2.00	16.00	157.00	41.00	3.26	0.01	28.00	1.39	564.00
TL13314	244.5	246.0	1328432	5.00	1.80	62.00	686.00	2.00	20.00	1.22	2.00	19.00	178.00	56.00	3.52	0.01	30.00	1.29	616.00
TL13314	246.0	247.5	1328433	5.00	1.28	52.00	584.00	1.00	12.00	1.23	2.00	18.00	161.00	47.00	3.40	0.01	31.00	1.61	572.00
TL13314	247.5	248.9	1328434	6.00	2.45	31.00	783.00	2.00	18.00	1.95	2.00	8.00	86.00	43.00	1.54	0.01	23.00	0.92	460.00
TL13314	248.9	249.9	1328435	5.00	1.88	36.00	769.00	2.00	12.00	1.33	2.00	6.00	79.00	19.00	1.30	0.01	24.00	0.57	301.00
TL13314	248.9	249.9	1328436	4.00	2.41	28.00	719.00	2.00	9.00	1.18	2.00	6.00	93.00	22.00	1.41	0.01	23.00	0.60	306.00
TL13314	249.9	250.9	1328437	14.00	2.99	59.00	766.00	1.00	11.00	1.04	30.00	6.00	82.00	61.00	1.83	0.01	21.00	0.23	159.00
TL13314	250.9	251.9	1328438	6.00	3.98	42.00	708.00	1.00	0.50	0.80	2.00	8.00	80.00	25.00	1.28	0.01	23.00	0.31	124.00
TL13314	251.9	252.8	1328439	4.00	3.93	51.00	504.00	2.00	15.00	1.15	2.00	10.00	113.00	27.00	2.06	0.14	17.00	0.44	170.00
TL13314	252.8	254.3	1328441	4.00	4.18	25.00	488.00	1.00	7.00	1.65	2.00	18.00	163.00	43.00	3.27	0.15	32.00	1.67	681.00
TL13314	254.3	255.5	1328442	3.00	4.75	30.00	469.00	1.00	18.00	1.33	2.00	21.00	168.00	34.00	3.55	0.12	32.00	1.74	576.00
TL13314	255.5	257.0	1328443	4.00	4.12	48.00	500.00	2.00	16.00	0.85	2.00	19.00	173.00	30.00	3.70	0.19	33.00	1.64	554.00
TL13314	257.0	258.5	1328444	5.00	2.97	51.00	456.00	2.00	14.00	1.15	2.00	17.00	160.00	103.00	3.82	0.12	28.00	1.64	633.00
TL13314	258.5	260.0	1328445	9.00	3.08	74.00	468.00	2.00	4.00	0.69	2.00	17.00	166.00	62.00	3.34	0.01	23.00	0.77	325.00
TL13314	260.0	261.5	1328446	5.00	2.63	61.00	493.00	1.00	17.00	1.42	2.00	17.00	154.00	34.00	3.38	0.01	24.00	1.07	557.00
TL13314	261.5	263.0	1328447	5.00	2.79	40.00	596.00	2.00	22.00	1.43	6.00	20.00	174.00	41.00	3.80	0.01	33.00	1.34	582.00
TL13314	263.0	264.5	1328448	5.00	5.03	46.00	553.00	2.00	18.00	1.97	2.00	21.00	174.00	41.00	4.21	0.10	44.00	2.21	606.00
TL13314	274.5	276.0	1328449	6.00	4.70	89.00	800.00	3.00	0.50	2.48	2.00	21.00	170.00	50.00	3.33	0.01	31.00	0.67	828.00
TL13314	276.0	277.0	1328451	17.00	5.38	29.00	800.00	2.00	0.50	2.61	2.00	17.00	184.00	63.00	3.10	0.01	30.00	0.87	801.00
TL13314	277.0	278.5	1328452	5.00	4.92	94.00	693.00	2.00	17.00	1.81	2.00	17.00	148.00	39.00	2.56	0.01	24.00	0.67	487.00
TL13314	278.5	280.0	1328453	4.00	4.80	75.00	578.00	2.00	8.00	0.77	2.00	16.00	167.00	66.00	2.48	0.01	20.00	0.45	242.00
TL13314	280.0	281.5	1328454	5.00	4.00	32.00	543.00	1.00	22.00	1.68	2.00	17.00	163.00	45.00	3.06	0.02	24.00	0.79	553.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13314	223.3	224.3	1328413	7.00	42.00	371.00	195.00	1.03	6.00	10.00	5.00	129.00	1815.00	20.00	32.00	18.00	1.00	807.00
TL13314	224.3	225.5	1328414	8.00	45.00	466.00	80.00	1.27	2.50	8.00	10.00	130.00	2168.00	1.00	39.00	13.00	1.00	557.00
TL13314	225.5	227.0	1328416	11.00	59.00	604.00	44.00	0.39	5.00	13.00	5.00	149.00	2032.00	1.00	40.00	10.00	4.00	184.00
TL13314	225.5	227.0	1328415	7.00	50.00	462.00	44.00	1.06	2.50	2.50	5.00	165.00	2170.00	1.00	41.00	13.00	1.00	168.00
TL13314	227.0	228.5	1328417	5.00	42.00	317.00	45.00	0.89	2.50	10.00	5.00	157.00	1717.00	19.00	32.00	10.00	1.00	255.00
TL13314	228.5	230.0	1328418	3.00	39.00	345.00	454.00	0.78	2.50	2.50	5.00	148.00	1725.00	1.00	30.00	11.00	1.00	849.00
TL13314	230.0	231.5	1328419	4.00	44.00	334.00	52.00	0.84	2.50	5.00	11.00	166.00	1799.00	20.00	33.00	13.00	1.00	155.00
TL13314	231.5	233.0	1328421	8.00	90.00	494.00	72.00	0.90	6.00	7.00	5.00	125.00	1977.00	8.00	70.00	10.00	3.00	102.00
TL13314	233.0	234.5	1328422	6.00	91.00	530.00	57.00	1.25	2.50	5.00	5.00	134.00	2283.00	2.00	113.00	5.00	1.00	83.00
TL13314	234.5	236.0	1328423	4.00	93.00	554.00	69.00	1.05	6.00	2.50	5.00	140.00	2510.00	1.00	104.00	5.00	3.00	82.00
TL13314	236.0	237.5	1328424	5.00	84.00	523.00	81.00	0.95	2.50	2.50	5.00	135.00	2236.00	1.00	99.00	12.00	4.00	150.00
TL13314	237.5	238.9	1328425	5.00	99.00	541.00	91.00	1.09	6.00	7.00	5.00	122.00	1706.00	6.00	103.00	10.00	2.00	115.00
TL13314	238.9	240.0	1328426	10.00	101.00	908.00	187.00	0.36	2.50	2.50	5.00	81.00	1294.00	41.00	90.00	12.00	9.00	378.00
TL13314	240.0	241.0	1328427	7.00	90.00	393.00	1487.00	1.26	10.00	8.00	11.00	123.00	1135.00	34.00	89.00	35.00	1.00	2915.00
TL13314	241.0	242.0	1328428	7.00	92.00	580.00	455.00	1.11	2.50	19.00	16.00	130.00	1227.00	1.00	75.00	14.00	3.00	807.00
TL13314	242.0	243.0	1328429	8.00	93.00	467.00	171.00	1.28	6.00	2.50	5.00	139.00	992.00	9.00	82.00	18.00	1.00	1170.00
TL13314	243.0	244.5	1328431	6.00	83.00	469.00	91.00	1.13	2.50	8.00	5.00	125.00	967.00	1.00	81.00	5.00	2.00	105.00
TL13314	244.5	246.0	1328432	8.00	94.00	503.00	94.00	1.42	2.50	2.50	5.00	134.00	1194.00	17.00	94.00	10.00	1.00	135.00
TL13314	246.0	247.5	1328433	11.00	86.00	501.00	113.00	1.35	5.00	2.50	14.00	120.00	1066.00	23.00	86.00	11.00	1.00	253.00
TL13314	247.5	248.9	1328434	6.00	48.00	526.00	517.00	1.24	8.00	9.00	5.00	150.00	1355.00	1.00	35.00	11.00	1.00	56.00
TL13314	248.9	249.9	1328435	8.00	54.00	400.00	100.00	1.30	2.50	10.00	5.00	132.00	1252.00	1.00	30.00	11.00	1.00	109.00
TL13314	248.9	249.9	1328436	10.00	88.00	410.00	106.00	1.07	2.50	8.00	5.00	125.00	1287.00	1.00	34.00	14.00	1.00	120.00
TL13314	249.9	250.9	1328437	9.00	56.00	382.00	1772.00	1.43	10.00	20.00	10.00	130.00	1125.00	4.00	26.00	98.00	1.00	11176.00
TL13314	250.9	251.9	1328438	7.00	49.00	406.00	367.00	1.13	8.00	2.50	13.00	115.00	1228.00	10.00	38.00	18.00	1.00	648.00
TL13314	251.9	252.8	1328439	12.00	95.00	436.00	164.00	0.99	5.00	23.00	5.00	109.00	959.00	1.00	45.00	14.00	2.00	731.00
TL13314	252.8	254.3	1328441	7.00	87.00	516.00	105.00	1.02	7.00	18.00	13.00	129.00	2029.00	3.00	81.00	5.00	3.00	91.00
TL13314	254.3	255.5	1328442	4.00	78.00	510.00	71.00	0.99	2.50	2.50	5.00	121.00	1551.00	4.00	89.00	11.00	3.00	71.00
TL13314	255.5	257.0	1328443	6.00	102.00	545.00	83.00	1.04	2.50	9.00	5.00	107.00	1381.00	5.00	92.00	11.00	3.00	102.00
TL13314	257.0	258.5	1328444	6.00	89.00	492.00	195.00	1.08	6.00	2.50	5.00	115.00	1480.00	2.00	82.00	13.00	2.00	861.00
TL13314	258.5	260.0	1328445	9.00	104.00	427.00	449.00	1.00	12.00	2.50	11.00	103.00	1514.00	1.00	89.00	18.00	3.00	911.00
TL13314	260.0	261.5	1328446	6.00	94.00	456.00	133.00	1.09	5.00	15.00	5.00	121.00	1636.00	2.00	76.00	5.00	2.00	148.00
TL13314	261.5	263.0	1328447	10.00	100.00	483.00	225.00	1.17	2.50	2.50	5.00	128.00	1644.00	6.00	103.00	20.00	2.00	1537.00
TL13314	263.0	264.5	1328448	12.00	114.00	568.00	93.00	1.32	8.00	2.50	5.00	156.00	2062.00	45.00	110.00	11.00	3.00	176.00
TL13314	274.5	276.0	1328449	11.00	96.00	565.00	103.00	1.45	6.00	10.00	5.00	171.00	2098.00	26.00	107.00	11.00	2.00	114.00
TL13314	276.0	277.0	1328451	15.00	116.00	535.00	509.00	1.46	7.00	19.00	5.00	171.00	1972.00	4.00	94.00	10.00	3.00	375.00
TL13314	277.0	278.5	1328452	10.00	74.00	486.00	103.00	1.30	6.00	10.00	13.00	147.00	1470.00	1.00	77.00	11.00	3.00	123.00
TL13314	278.5	280.0	1328453	11.00	89.00	492.00	171.00	1.01	5.00	20.00	5.00	127.00	1643.00	1.00	108.00	5.00	2.00	137.00
TL13314	280.0	281.5	1328454	7.00	96.00	442.00	104.00	1.24	2.50	2.50	5.00	182.00	1878.00	1.00	92.00	5.00	2.00	81.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13314	281.5	283.0	1328455	4.00	4.22	44.00	546.00	2.00	20.00	1.74	2.00	18.00	138.00	50.00	3.16	0.01	27.00	0.84	453.00
TL13314	281.5	283.0	1328456	5.00	2.76	41.00	640.00	2.00	29.00	1.75	2.00	15.00	155.00	48.00	2.91	0.01	27.00	0.63	410.00
TL13314	283.0	284.5	1328457	4.00	2.27	31.00	596.00	2.00	4.00	1.55	2.00	25.00	187.00	73.00	4.36	0.01	30.00	0.83	761.00
TL13314	284.5	286.0	1328458	6.00	3.16	72.00	727.00	2.00	19.00	1.76	2.00	15.00	98.00	94.00	2.37	0.01	26.00	0.56	642.00
TL13314	286.0	287.5	1328459	4.00	3.27	42.00	779.00	2.00	9.00	1.98	2.00	9.00	56.00	23.00	1.39	0.01	26.00	0.62	607.00
TL13314	287.5	289.0	1328461	4.00	4.48	62.00	821.00	2.00	18.00	3.12	2.00	9.00	46.00	46.00	1.85	0.01	31.00	0.98	774.00
TL13314	289.0	290.5	1328462	4.00	5.06	108.00	747.00	2.00	12.00	2.19	2.00	10.00	45.00	37.00	2.71	0.01	31.00	0.67	577.00
TL13314	290.5	292.0	1328463	9.00	4.74	91.00	740.00	1.00	0.50	1.87	6.00	9.00	65.00	160.00	2.19	0.01	29.00	0.48	379.00
TL13314	292.0	293.5	1328464	4.00	5.87	43.00	773.00	2.00	23.00	2.81	2.00	10.00	45.00	16.00	1.93	0.01	32.00	0.91	493.00
TL13314	325.5	327.0	1328465	3.00	3.85	29.00	566.00	2.00	0.50	1.82	2.00	24.00	169.00	47.00	3.90	0.30	38.00	1.02	625.00
TL13314	327.0	328.5	1328466	4.00	4.95	77.00	654.00	2.00	12.00	1.98	2.00	22.00	160.00	53.00	3.67	0.06	34.00	0.75	783.00
TL13314	328.5	329.5	1328467	11.00	1.67	131.00	568.00	3.00	15.00	1.62	16.00	18.00	154.00	207.00	4.22	0.01	27.00	0.41	738.00
TL13314	329.5	330.5	1328468	6.00	2.40	147.00	574.00	2.00	16.00	1.46	7.00	19.00	139.00	157.00	4.16	0.11	24.00	0.43	531.00
TL13314	330.5	331.5	1328469	5.00	1.95	88.00	723.00	2.00	9.00	1.27	2.00	24.00	174.00	73.00	3.63	0.01	31.00	0.50	717.00
TL13314	331.5	332.5	1328471	4.00	2.68	73.00	727.00	2.00	13.00	1.76	2.00	19.00	147.00	59.00	3.14	0.01	30.00	0.68	781.00
TL13314	332.5	334.0	1328472	6.00	2.51	92.00	739.00	1.00	29.00	1.89	6.00	17.00	144.00	36.00	3.36	0.01	27.00	0.53	539.00
TL13314	334.0	335.5	1328473	4.00	3.35	61.00	699.00	2.00	25.00	2.16	2.00	19.00	157.00	47.00	3.33	0.09	28.00	0.69	649.00
TL13314	335.5	337.0	1328474	4.00	5.32	26.00	668.00	1.00	12.00	2.84	2.00	17.00	126.00	38.00	2.91	0.02	32.00	0.94	689.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13314	281.5	283.0	1328455	7.00	87.00	570.00	78.00	1.14	2.50	18.00	5.00	176.00	2122.00	1.00	89.00	5.00	2.00	83.00
TL13314	281.5	283.0	1328456	14.00	110.00	501.00	91.00	1.32	2.50	8.00	5.00	179.00	1941.00	3.00	90.00	5.00	1.00	75.00
TL13314	283.0	284.5	1328457	8.00	116.00	519.00	78.00	1.05	2.50	12.00	5.00	149.00	3275.00	35.00	121.00	5.00	2.00	148.00
TL13314	284.5	286.0	1328458	7.00	66.00	495.00	315.00	1.16	7.00	7.00	5.00	150.00	2340.00	1.00	81.00	17.00	1.00	568.00
TL13314	286.0	287.5	1328459	9.00	49.00	507.00	61.00	1.25	2.50	18.00	5.00	152.00	2199.00	1.00	57.00	13.00	1.00	103.00
TL13314	287.5	289.0	1328461	7.00	53.00	528.00	81.00	1.05	7.00	16.00	5.00	167.00	2306.00	1.00	57.00	11.00	1.00	100.00
TL13314	289.0	290.5	1328462	7.00	45.00	473.00	59.00	1.25	6.00	19.00	5.00	156.00	2036.00	1.00	50.00	10.00	1.00	72.00
TL13314	290.5	292.0	1328463	11.00	54.00	408.00	377.00	1.32	8.00	2.50	10.00	148.00	1748.00	1.00	50.00	36.00	1.00	2074.00
TL13314	292.0	293.5	1328464	6.00	42.00	502.00	84.00	1.20	2.50	9.00	5.00	222.00	2194.00	1.00	51.00	12.00	1.00	148.00
TL13314	325.5	327.0	1328465	4.00	96.00	539.00	55.00	0.94	2.50	7.00	5.00	198.00	3309.00	1.00	110.00	5.00	5.00	100.00
TL13314	327.0	328.5	1328466	5.00	89.00	498.00	285.00	1.15	5.00	12.00	5.00	194.00	2981.00	5.00	103.00	11.00	5.00	501.00
TL13314	328.5	329.5	1328467	11.00	107.00	431.00	1996.00	1.39	7.00	5.00	5.00	172.00	2371.00	1.00	90.00	45.00	2.00	4384.00
TL13314	329.5	330.5	1328468	10.00	85.00	431.00	471.00	1.29	7.00	13.00	5.00	165.00	2395.00	1.00	81.00	33.00	2.00	2255.00
TL13314	330.5	331.5	1328469	8.00	113.00	503.00	131.00	1.29	6.00	2.50	5.00	171.00	3191.00	1.00	112.00	11.00	3.00	148.00
TL13314	331.5	332.5	1328471	7.00	73.00	465.00	100.00	1.14	6.00	2.50	5.00	196.00	2718.00	1.00	89.00	5.00	3.00	208.00
TL13314	332.5	334.0	1328472	8.00	71.00	411.00	704.00	1.41	7.00	7.00	5.00	208.00	2251.00	1.00	72.00	24.00	2.00	1658.00
TL13314	334.0	335.5	1328473	8.00	90.00	479.00	65.00	1.18	2.50	2.50	5.00	228.00	2557.00	1.00	90.00	5.00	4.00	402.00
TL13314	335.5	337.0	1328474	22.00	76.00	498.00	49.00	1.15	2.50	2.50	5.00	246.00	2537.00	1.00	82.00	10.00	5.00	87.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13314	22.5	29.8	7.3	PY	DISS	0.1	Trace disseminated py
TL13314	29.8	68.6	38.8	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13314	29.8	68.6	38.8	PY	ST	0.1	Trace to 1% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13314	29.8	68.6	38.8	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	29.8	68.6	38.8	PO	ST	0.1	Trace pyrrhotite in 1-2mm wide stringers oriented semi-parallel to foliation
TL13314	68.6	74.6	6.0	PY	DISS	0.1	Trace disseminated py
TL13314	68.6	74.6	6.0	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	74.6	81.0	6.4	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers
TL13314	74.6	81.0	6.4	PY	DISS	0.1	Trace disseminated py
TL13314	74.6	81.0	6.4	PY	ST	0.1	Trace to 1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13314	74.6	81.0	6.4	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriente semi-parallel to foliation
TL13314	81.0	93.5	12.5	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13314	81.0	93.5	12.5	PY	DISS	0.1	Trace disseminated py
TL13314	93.5	106.5	13.1	PB	BLB	0.1	Trace gal blebs found associated w/ sph mineralization
TL13314	93.5	106.5	13.1	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	93.5	106.5	13.1	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	93.5	106.5	13.1	PY	DISS	1	1% disseminated py throughout the interval
TL13314	106.5	125.9	19.3	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13314	106.5	125.9	19.3	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13314	106.5	125.9	19.3	PY	DISS	1	1% disseminated py
TL13314	125.9	149.4	23.5	PY	DISS	1	1% disseminated pyrite
TL13314	125.9	149.4	23.5	PY	ST	3	3% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13314	125.9	149.4	23.5	SPH	ST	2	2% sph in 1-8mm wide stringers oriented semi-parallel to foliation
TL13314	125.9	149.4	23.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13314	125.9	149.4	23.5	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins and w/ gal
TL13314	138.8	138.9	0.1	AU	BLB	0.1	Trace possible VG speck <1mm in sze found at 138.82m depth it is found in a silicified smokey grey qtz vein w/ py
TL13314	149.4	214.9	65.5	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13314	149.4	214.9	65.5	PY	DISS	1	1% disseminated py throughout the interval
TL13314	149.4	214.9	65.5	PY	ST	2	~2% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	149.4	214.9	65.5	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13314	149.4	214.9	65.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13314	149.4	214.9	65.5	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13314	214.9	225.4	10.6	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	214.9	225.4	10.6	CP	BLB	0.1	Trace cpy blebs found in and along margins of chl altered areas
TL13314	214.9	225.4	10.6	PO	BLB	0.1	Trace po blebs found in and along margins of chl altered areas

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13314	214.9	225.4	10.6	PY	DISS	1	1% disseminated py throughout the interval
TL13314	214.9	225.4	10.6	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	225.4	238.9	13.5	PY	DISS	0.1	Trace disseminated py
TL13314	225.4	238.9	13.5	PY	ST	0.1	Trace to 1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	225.4	238.9	13.5	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13314	225.4	238.9	13.5	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13314	238.9	252.8	13.9	PB	DISS	0.1	Trace disseminated gal associated w/ sph stringers and increased py content
TL13314	238.9	252.8	13.9	SPH	ST	2	2% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13314	238.9	252.8	13.9	PY	DISS	1	1% disseminated py throughout the interval
TL13314	238.9	252.8	13.9	PY	ST	3	3% py in 1-8mm wide stringers following foliation
TL13314	252.8	326.9	74.2	PY	DISS	1	1% disseminated py throughout the interval
TL13314	252.8	326.9	74.2	PO	BLB	0.1	Trace po blebs found in and around qtz/Qtz-amph veins
TL13314	252.8	326.9	74.2	PY	ST	2	1-2% py in 1-13mm wide stringers oriented semi-parallel to foliation
TL13314	252.8	326.9	74.2	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation and along margins of qtz/Qtz-amph veins
TL13314	252.8	326.9	74.2	CP	BLB	0.1	Trace cpy blebs found in and around qtz/Qtz-amph veins and found associated w/ po
TL13314	252.8	326.9	74.2	PO	ST	0.1	Trace po in 1-4mm wide stringers oriented semi-parallel to foliation
TL13314	274.5	292.0	17.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and also found in qtz veins w/ cpy
TL13314	276.0	276.2	0.2	AU	BLB	0.1	Possible speck of VG <1mm in size found at 276.07 in smokey grey qtz vein w/ py and gal
TL13314	326.9	332.4	5.5	PY	DISS	1	1% disseminated py throughout the interval
TL13314	326.9	332.4	5.5	PY	ST	4	4% py in 1-30mm wide stringers oriented semi-parallel to foliation
TL13314	326.9	332.4	5.5	SPH	ST	3	3% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13314	326.9	332.4	5.5	PB	BLB	1	1% gal blebs associated w/ sph stringers and in qtz/Qtz-amph veins
TL13314	332.4	376.0	43.6	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13314	332.4	376.0	43.6	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13314	332.4	376.0	43.6	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13314	22.5	29.8	7.3	FOL	Very Weak	40	V. weak foliation at 40 deg TCA
TL13314	27.3	29.0	1.7	FR	Moderate	90	Moderately fractured at 90 deg TCA
TL13314	29.8	32.0	2.2	FOL	Moderate	45	Moderate foliation at 45 deg TCA
TL13314	29.8	68.6	38.8	FR	Very Weak	20	V. weak fracture set cross cutting foliation at 20 deg TCA w/ sinistral slip
TL13314	32.0	34.1	2.1	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13314	34.1	35.1	1.0	FOL	Strong	15	Strong foliation at 15 deg TCA
TL13314	35.1	35.3	0.2	Fold	Weak	0	Weak F2 folding oriented at 0 deg TCA
TL13314	35.1	56.1	20.9	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13314	39.0	43.6	4.6	FR	Strong	30	Heavily fractured/sheared along foliation
TL13314	56.1	61.1	5.0	FOL	Moderate	30	Moderate foliation at 30 deg TCA
TL13314	61.1	63.3	2.2	FOL	Strong	45	Strong foliation at 45 deg TCA
TL13314	63.3	68.6	5.3	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13314	68.6	74.6	6.0	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13314	68.6	74.6	6.0	FR	Very Weak	20	V. weak fracture set cross cutting foliation at 20 deg TCA
TL13314	74.6	81.0	6.4	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13314	81.0	93.5	12.5	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13314	93.5	96.7	3.3	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13314	96.7	100.0	3.3	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13314	106.5	121.8	15.3	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13314	121.8	123.8	2.0	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13314	123.8	125.8	2.0	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13314	125.9	149.4	23.5	FOL	Moderate	30	Moderate foliation at 30 deg TCA
TL13314	128.0	134.0	6.0	FTZ	Moderate		Moderate fault zone infilled w/ gouge
TL13314	141.5	143.0	1.5	FTZ	Strong		Strongly faulted zone infilled w/ gouge
TL13314	149.4	190.0	40.6	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13314	149.4	214.9	65.5	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13314	149.4	214.9	65.5	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13314	152.2	152.4	0.2	Fold	Moderate	55	Large sheath F2 folding oriented at 55 deg TCA
TL13314	190.0	214.9	24.9	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13314	214.9	225.4	10.6	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13314	214.9	225.4	10.6	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13314	225.4	238.9	13.5	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13314	225.4	238.9	13.5	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13314	238.9	242.0	3.1	FOL	Weak	25	Weak foliation at 25 deg TCA
TL13314	238.9	252.8	13.9	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL13314	242.0	252.8	10.8	FOL	Moderate	35	Moderate foliation at 35 deg TCA
TL13314	252.8	277.0	24.3	FOL	Moderate	35	Moderate foliation at 35 deg TCA
TL13314	252.8	292.0	39.3	FR	Weak	60	Weak fracture set cross cutting foliation at 60 deg TCA

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13314	277.0	309.0	32.0	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13314	292.0	326.9	34.9	FR	Moderate	60	Moderate fracture set cross cutting foliation at 60 deg TCA
TL13314	309.0	326.9	17.9	FOL	Moderate	35	Moderate foliation at 35 deg TCA
TL13314	326.9	332.4	5.5	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13314	331.8	332.1	0.3	Fold	Strong	45	Strong F2 folding oriented at 45 deg TCA
TL13314	331.8	332.1	0.3	Fold	Strong	40	Strong F2 folding oriented at 40 deg TCA
TL13314	332.4	376.0	43.6	FOL	Weak	35	Weak foliation at 35 deg TCA
TL13314	332.4	376.0	43.6	FR	Moderate	55	Moderately fractured at 55 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13314	22.5	29.8	7.3	SR	Patchy	Very Weak	V. weak patchy ser alt, <5% ser to 95-98% bio
TL13314	22.5	29.8	7.3	SI	Patchy	Moderate	Moderate patchy silicification
TL13314	29.8	38.5	8.7	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13314	29.8	38.6	8.8	SI	Patchy	Strong	Strong patchy sil alt
TL13314	38.5	49.5	11.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 95% ser to 5% bio
TL13314	41.0	44.0	3.0	Potassic	Patchy	Very Weak	V. weak patchy potassic alt
TL13314	49.5	51.8	2.3	SI	Patchy	Weak	Weak patchy sil alt
TL13314	49.5	68.6	19.1	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL13314	51.8	68.6	16.9	SI	Patchy	Strong	Strong patchy sil alt
TL13314	68.6	74.6	6.0	SI	Patchy	Strong	Strong to very strong patchy sil alt
TL13314	68.6	74.6	6.0	SR	Patchy	Weak	Weak patchy ser alt, 35% ser to 65% bio
TL13314	74.6	81.0	6.4	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13314	74.6	81.0	6.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13314	81.0	90.0	9.0	SI	Patchy	Moderate	Moderate patchy sil alt
TL13314	81.0	93.5	12.5	SR	Patchy	Very Weak	V. weak to weak patchy ser alt, 20% ser to 80% bio
TL13314	90.0	93.5	3.5	SI	Patchy	Strong	Strong patchy sil alt
TL13314	93.5	106.5	13.1	SI	Patchy	Moderate	Moderate patchy sil alt
TL13314	93.5	106.5	13.1	SR	Patchy	Strong	Strong patchy ser alt, 75%V ser to 25% bio
TL13314	106.5	125.9	19.3	SI	Patchy	Strong	Strong to very strong patchy to semi-pervasive sil alt
TL13314	106.5	125.9	19.3	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13314	125.9	135.0	9.1	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13314	125.9	149.4	23.5	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13314	135.0	149.4	14.4	SI	Patchy	Weak	Weak patchy sil alt
TL13314	149.4	197.5	48.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13314	149.4	214.9	65.5	SI	Patchy	Strong	Strong patchy sil alt
TL13314	197.5	210.0	12.5	SR	Patchy	Very Weak	V. weak patchy ser alt 5% ser to 95% bio
TL13314	210.0	214.9	4.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 15-20% ser to 80-85% bio
TL13314	214.9	225.4	10.6	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13314	214.9	225.4	10.6	CH	Patchy	Weak	Weak patchy chl alt
TL13314	214.9	225.4	10.6	SR	Patchy	Strong	Strong patchy ser alt, 70% ser
TL13314	225.4	231.5	6.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13314	231.5	237.6	6.1	SI	Patchy	Moderate	Moderate patchy sil alt
TL13314	238.9	252.8	13.9	SR	Patchy	Strong	Strong patchy ser alt, 60% ser
TL13314	238.9	252.8	13.9	SI	Patchy	Moderate	Moderate patchy sil alt
TL13314	252.8	261.0	8.3	SI	Patchy	Moderate	Moderate patchy silicification
TL13314	252.8	261.8	9.1	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser
TL13314	261.0	292.5	31.5	SI	Patchy	Weak	Weak to very weak patchy sil alt
TL13314	261.8	277.5	15.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 10-15% ser to 85-90% bio
TL13314	277.5	279.9	2.4	SR	Patchy	Strong	Strong patchy ser alt, 80% ser to 20% bio

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13314	279.9	285.0	5.1	SR	Patchy	Very Weak	V. weak patchy ser altm, 10% ser to 90% bio
TL13314	285.0	292.0	7.0	SR	Patchy	Weak	Weak patchy ser alt 35% ser to 65% bio
TL13314	292.0	326.9	34.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13314	292.5	326.9	34.4	SI	Pervasive	Strong	Strong semi-pervasive silicification
TL13314	326.9	332.4	5.5	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13314	326.9	332.4	5.5	SI	Patchy	Weak	Weak patchy sil alt
TL13314	332.4	376.0	43.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13314	332.4	376.0	43.6	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13314									Error in RQD entry, no records

Hole Number: TL13315

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
111.00	244.90	BMS, Biotite Muscovite Schist Generally dark looking BMS. Some lighter patches with increases in sr Varied diss. py content ranging from trace to 4% and 1-2% po blebs, trace sph stringers from 229.5-244.9m	1356344	234.00	235.50	1.50	0.18				
			1356345	235.50	237.00	1.50	0.20				
			1356346	237.00	238.50	1.50	0.14				
			1356347	238.50	240.00	1.50	0.07				
			1356348	240.00	241.00	1.00	0.53				
			1356349	241.00	242.00	1.00	0.07				
			1356351	242.00	243.00	1.00	0.07				
			1356352	243.00	244.00	1.00	0.05				
		1356353	244.00	244.90	0.90	0.04					
244.90	268.35	MSS, Muscovite Sericite Schist C-zone Strong sr alteration with gradual, weakening margins. Weak to moderate silicification 2-3% diss. py and trace sph stringers for most of the unit. There is a cluster of deformed qz veins from 266.75-267.5m that has abundant py (5-6%), 1-2% sph, trace to 1% gn and trace cpy.	1356354	244.90	246.00	1.10	0.04				
			1356355	246.00	247.00	1.00	0.16				
			1356356	246.00	247.00	1.00	0.13				
			1356357	247.00	248.00	1.00	0.20				
			1356358	248.00	249.00	1.00	0.08				
			1356359	249.00	250.10	1.10	0.20				
			1356361	250.50	252.00	1.50	0.31				
			1356362	252.00	252.90	0.90	0.18				
			1356363	253.70	255.00	1.30	0.24				
			1356364	255.00	256.00	1.00	0.32				
			1356365	256.00	257.00	1.00	0.08				
			1356366	257.00	258.00	1.00	0.11				
			1356367	258.00	259.00	1.00	0.09				
			1356368	259.00	260.00	1.00	0.10				
			1356369	260.00	261.00	1.00	0.74				
			1356371	261.00	262.50	1.50	1.33				
			1356372	262.50	264.00	1.50	0.05				
			1356373	264.00	265.50	1.50	0.16				
		1356374	265.50	266.50	1.00	0.39					
		1356376	266.50	267.50	1.00	8.17			9.98		
		1356375	266.50	267.50	1.00	8.29			7.75		
		1356377	267.50	268.50	1.00	0.60					

Hole Number: TL13315

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
268.35	300.00	BMS, Biotite Muscovite Schist Medium grey BMS with weak sr alt. Increases at 288m until 294m. Within this interval there is an increase in py blebs/stringers and trace sph. From 297.5-298m there is a patch of qz-chl-amph bands with abundant py and minor sph, po, and cpy	1356378	268.50	270.00	1.50	0.05				
			1356379	270.00	271.50	1.50	0.04				
			1356381	286.50	288.00	1.50	0.05				
			1356382	288.00	289.00	1.00	0.86				
			1356383	289.00	290.00	1.00	1.45				
			1356384	290.00	291.00	1.00	4.32				
			1356385	291.00	292.00	1.00	0.35				
			1356386	292.00	293.00	1.00	0.11				
			1356387	293.00	294.00	1.00	2.44				
			1356388	294.00	295.50	1.50	0.13				
			1356389	295.50	297.00	1.50	0.07				
			1356391	297.00	298.00	1.00	2.21				
			1356392	298.00	299.00	1.00	0.22				
			1356393	299.00	300.00	1.00	0.07				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356344	234.00	235.50	0.1830				
1356345	235.50	237.00	0.1960				
1356346	237.00	238.50	0.1400				
1356347	238.50	240.00	0.0720				
1356348	240.00	241.00	0.5260				
1356349	241.00	242.00	0.0730				
1356351	242.00	243.00	0.0720				
1356352	243.00	244.00	0.0540				
1356353	244.00	244.90	0.0430				
1356354	244.90	246.00	0.0370				
1356355	246.00	247.00	0.1640				
1356357	247.00	248.00	0.1990				
1356358	248.00	249.00	0.0760				
1356359	249.00	250.10	0.2040				
1356361	250.50	252.00	0.3140				
1356362	252.00	252.90	0.1750				
1356363	253.70	255.00	0.2420				
1356364	255.00	256.00	0.3240				
1356365	256.00	257.00	0.0810				
1356366	257.00	258.00	0.1130				
1356367	258.00	259.00	0.0910				
1356368	259.00	260.00	0.0970				
1356369	260.00	261.00	0.7370				

Hole Number: TL13315

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356371	261.00	262.50	1.3280				
1356372	262.50	264.00	0.0490				
1356373	264.00	265.50	0.1580				
1356374	265.50	266.50	0.3920				
1356375	266.50	267.50	8.2890			7.7480	
1356377	267.50	268.50	0.5950				
1356378	268.50	270.00	0.0500				
1356379	270.00	271.50	0.0440				
1356381	286.50	288.00	0.0470				
1356382	288.00	289.00	0.8560				
1356383	289.00	290.00	1.4450				
1356384	290.00	291.00	4.3200				
1356385	291.00	292.00	0.3530				
1356386	292.00	293.00	0.1060				
1356387	293.00	294.00	2.4430				
1356388	294.00	295.50	0.1300				
1356389	295.50	297.00	0.0670				
1356391	297.00	298.00	2.2050				
1356392	298.00	299.00	0.2210				
1356393	299.00	300.00	0.0650				
Sample Type	CDUP						
1356356	246.00	247.00	0.1270				
1356376	266.50	267.50	8.1730			9.9820	

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13315	234.0	235.5	1356344	1.00	3.80	31.00	393.00	2.00	9.00	1.75	4.00	8.00	9.00	19.00	1.65	0.01	11.00	1.51	881.00
TL13315	235.5	237.0	1356345	4.00	2.57	30.00	288.00	2.00	21.00	1.03	4.00	7.00	11.00	42.00	1.46	0.01	9.00	0.98	616.00
TL13315	237.0	238.5	1356346	1.00	2.09	30.00	267.00	2.00	20.00	1.16	4.00	5.00	11.00	51.00	1.36	0.01	8.00	1.10	743.00
TL13315	238.5	240.0	1356347	1.00	2.19	25.00	257.00	2.00	9.00	1.44	4.00	5.00	8.00	18.00	1.41	0.01	8.00	1.19	865.00
TL13315	240.0	241.0	1356348	4.00	1.78	52.00	247.00	2.00	10.00	0.73	4.00	7.00	10.00	72.00	1.78	0.01	8.00	0.75	492.00
TL13315	241.0	242.0	1356349	1.00	2.28	49.00	285.00	2.00	18.00	1.17	4.00	6.00	9.00	14.00	1.60	0.01	10.00	1.03	643.00
TL13315	242.0	243.0	1356351	1.00	4.36	34.00	444.00	2.00	13.00	2.08	4.00	6.00	29.00	8.00	1.77	0.01	13.00	1.69	968.00
TL13315	243.0	244.0	1356352	1.00	3.03	41.00	361.00	2.00	12.00	1.40	4.00	7.00	27.00	10.00	1.64	0.01	10.00	1.32	778.00
TL13315	244.0	244.9	1356353	1.00	8.72	35.00	280.00	2.00	13.00	1.32	4.00	6.00	72.00	175.00	1.38	0.01	10.00	1.24	783.00
TL13315	244.9	246.0	1356354	1.00	3.68	43.00	344.00	2.00	10.00	1.13	4.00	8.00	25.00	8.00	1.47	0.01	12.00	1.12	680.00
TL13315	246.0	247.0	1356355	1.00	2.92	60.00	296.00	2.00	5.00	0.58	7.00	7.00	22.00	38.00	1.73	0.01	13.00	0.91	564.00
TL13315	246.0	247.0	1356356	1.00	3.30	64.00	327.00	2.00	15.00	0.59	4.00	9.00	31.00	17.00	1.84	0.01	14.00	0.87	525.00
TL13315	247.0	248.0	1356357	1.00	1.96	38.00	268.00	2.00	10.00	0.59	4.00	5.00	38.00	60.00	1.32	0.01	10.00	0.94	570.00
TL13315	248.0	249.0	1356358	1.00	2.54	33.00	284.00	2.00	1.00	0.98	4.00	7.00	21.00	18.00	1.29	0.01	11.00	0.97	617.00
TL13315	249.0	250.1	1356359	1.00	4.33	46.00	390.00	2.00	12.00	0.88	4.00	8.00	40.00	112.00	1.81	0.01	19.00	1.19	615.00
TL13315	250.5	252.0	1356361	3.00	3.55	46.00	343.00	2.00	18.00	0.42	4.00	7.00	24.00	111.00	1.36	0.01	15.00	0.75	366.00
TL13315	252.0	252.9	1356362	1.00	2.91	36.00	365.00	2.00	13.00	0.01	4.00	7.00	22.00	30.00	1.19	0.01	12.00	0.49	217.00
TL13315	253.7	255.0	1356363	1.00	3.79	36.00	381.00	2.00	9.00	0.46	4.00	7.00	19.00	47.00	1.28	0.01	22.00	0.83	407.00
TL13315	255.0	256.0	1356364	1.00	2.41	33.00	348.00	2.00	7.00	0.14	4.00	7.00	13.00	66.00	1.23	0.01	15.00	0.58	284.00
TL13315	256.0	257.0	1356365	1.00	2.95	39.00	297.00	2.00	5.00	0.60	4.00	7.00	12.00	17.00	1.24	0.01	16.00	0.80	395.00
TL13315	257.0	258.0	1356366	1.00	1.54	35.00	259.00	2.00	16.00	0.01	4.00	6.00	9.00	11.00	0.95	0.01	7.00	0.34	120.00
TL13315	258.0	259.0	1356367	1.00	2.48	29.00	285.00	2.00	6.00	0.16	4.00	6.00	12.00	18.00	0.88	0.01	10.00	0.59	221.00
TL13315	259.0	260.0	1356368	1.00	2.72	38.00	226.00	2.00	1.00	0.89	4.00	7.00	11.00	14.00	1.19	0.01	13.00	0.99	441.00
TL13315	260.0	261.0	1356369	1.00	1.66	29.00	285.00	2.00	7.00	0.01	4.00	5.00	12.00	30.00	0.86	0.01	8.00	0.29	102.00
TL13315	261.0	262.5	1356371	1.00	2.89	46.00	286.00	2.00	30.00	1.17	4.00	7.00	15.00	37.00	1.47	0.01	13.00	1.01	563.00
TL13315	262.5	264.0	1356372	1.00	4.20	35.00	468.00	2.00	22.00	2.30	4.00	6.00	12.00	6.00	1.54	0.01	15.00	1.57	935.00
TL13315	264.0	265.5	1356373	1.00	2.69	61.00	276.00	2.00	16.00	1.03	4.00	8.00	15.00	8.00	1.87	0.03	11.00	0.94	518.00
TL13315	265.5	266.5	1356374	1.00	2.00	63.00	254.00	2.00	2.00	0.39	4.00	6.00	10.00	25.00	1.52	0.01	10.00	0.62	322.00
TL13315	266.5	267.5	1356375	14.00	0.96	128.00	188.00	2.00	5.00	0.04	9.00	5.00	14.00	503.00	3.57	0.01	7.00	0.39	217.00
TL13315	266.5	267.5	1356376	14.00	1.55	140.00	199.00	2.00	4.00	0.31	19.00	5.00	18.00	439.00	3.70	0.01	9.00	0.54	351.00
TL13315	267.5	268.5	1356377	1.00	3.88	79.00	314.00	2.00	13.00	0.98	4.00	8.00	14.00	54.00	2.20	0.01	14.00	0.84	496.00
TL13315	268.5	270.0	1356378	1.00	5.11	31.00	433.00	2.00	11.00	1.68	4.00	7.00	13.00	14.00	1.47	0.09	18.00	1.31	738.00
TL13315	270.0	271.5	1356379	1.00	5.93	33.00	392.00	2.00	3.00	1.38	4.00	10.00	35.00	16.00	1.64	0.27	21.00	1.29	621.00
TL13315	286.5	288.0	1356381	1.00	5.35	17.00	355.00	2.00	22.00	1.79	4.00	7.00	19.00	45.00	1.77	0.29	24.00	2.23	995.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13315	234.0	235.5	1356344	1.00	16.00	440.00	93.00	0.67	5.00	10.00	10.00	77.00	1513.00	2.00	29.00	10.00	5.00	277.00
TL13315	235.5	237.0	1356345	2.00	17.00	410.00	308.00	0.92	5.00	9.00	10.00	54.00	1292.00	2.00	26.00	13.00	5.00	595.00
TL13315	237.0	238.5	1356346	1.00	14.00	381.00	72.00	0.73	5.00	8.00	10.00	60.00	1204.00	2.00	24.00	10.00	4.00	114.00
TL13315	238.5	240.0	1356347	1.00	14.00	396.00	42.00	0.69	5.00	8.00	10.00	64.00	1203.00	2.00	25.00	10.00	4.00	76.00
TL13315	240.0	241.0	1356348	2.00	19.00	372.00	393.00	1.39	5.00	7.00	10.00	52.00	1138.00	2.00	24.00	10.00	4.00	410.00
TL13315	241.0	242.0	1356349	1.00	16.00	351.00	53.00	0.98	5.00	12.00	10.00	64.00	1231.00	2.00	25.00	10.00	4.00	145.00
TL13315	242.0	243.0	1356351	3.00	47.00	435.00	34.00	0.56	5.00	17.00	10.00	90.00	1438.00	2.00	31.00	10.00	6.00	67.00
TL13315	243.0	244.0	1356352	3.00	46.00	383.00	19.00	0.56	5.00	6.00	10.00	71.00	1381.00	2.00	28.00	10.00	4.00	50.00
TL13315	244.0	244.9	1356353	1.00	36.00	352.00	28.00	0.47	5.00	25.00	10.00	67.00	1247.00	2.00	32.00	10.00	4.00	90.00
TL13315	244.9	246.0	1356354	3.00	43.00	435.00	46.00	0.62	5.00	9.00	10.00	65.00	1577.00	2.00	32.00	10.00	5.00	71.00
TL13315	246.0	247.0	1356355	3.00	41.00	359.00	128.00	1.21	5.00	12.00	10.00	54.00	1393.00	2.00	27.00	40.00	5.00	2537.00
TL13315	246.0	247.0	1356356	4.00	57.00	418.00	114.00	1.18	5.00	13.00	10.00	57.00	1513.00	2.00	29.00	19.00	5.00	814.00
TL13315	247.0	248.0	1356357	5.00	57.00	310.00	161.00	0.69	5.00	16.00	10.00	47.00	1108.00	2.00	24.00	14.00	4.00	589.00
TL13315	248.0	249.0	1356358	3.00	41.00	383.00	104.00	0.61	5.00	5.00	10.00	64.00	1286.00	2.00	26.00	10.00	5.00	131.00
TL13315	249.0	250.1	1356359	4.00	57.00	479.00	218.00	0.98	5.00	11.00	10.00	68.00	1690.00	2.00	33.00	10.00	6.00	307.00
TL13315	250.5	252.0	1356361	3.00	37.00	413.00	509.00	0.78	5.00	12.00	10.00	48.00	1596.00	2.00	30.00	10.00	5.00	243.00
TL13315	252.0	252.9	1356362	2.00	35.00	369.00	165.00	0.75	5.00	11.00	10.00	31.00	1514.00	2.00	29.00	11.00	4.00	343.00
TL13315	253.7	255.0	1356363	3.00	32.00	430.00	89.00	0.74	5.00	10.00	10.00	49.00	1665.00	2.00	31.00	12.00	5.00	662.00
TL13315	255.0	256.0	1356364	2.00	27.00	373.00	68.00	0.81	5.00	7.00	10.00	33.00	1461.00	2.00	28.00	10.00	4.00	167.00
TL13315	256.0	257.0	1356365	2.00	22.00	474.00	57.00	0.74	5.00	8.00	10.00	59.00	1436.00	2.00	27.00	10.00	5.00	176.00
TL13315	257.0	258.0	1356366	2.00	16.00	335.00	49.00	0.69	5.00	15.00	10.00	28.00	1133.00	2.00	22.00	10.00	4.00	420.00
TL13315	258.0	259.0	1356367	1.00	21.00	425.00	101.00	0.47	5.00	11.00	10.00	45.00	1312.00	2.00	25.00	10.00	5.00	238.00
TL13315	259.0	260.0	1356368	1.00	20.00	442.00	82.00	0.57	5.00	19.00	10.00	72.00	1360.00	2.00	25.00	10.00	5.00	157.00
TL13315	260.0	261.0	1356369	2.00	22.00	401.00	41.00	0.56	5.00	9.00	10.00	26.00	1196.00	2.00	23.00	10.00	4.00	342.00
TL13315	261.0	262.5	1356371	1.00	21.00	452.00	40.00	0.76	5.00	9.00	10.00	66.00	1354.00	2.00	27.00	10.00	5.00	51.00
TL13315	262.5	264.0	1356372	1.00	17.00	442.00	23.00	0.49	5.00	6.00	10.00	90.00	1306.00	11.00	30.00	10.00	5.00	40.00
TL13315	264.0	265.5	1356373	1.00	23.00	413.00	26.00	1.24	5.00	5.00	10.00	61.00	1406.00	2.00	28.00	10.00	4.00	28.00
TL13315	265.5	266.5	1356374	1.00	19.00	397.00	22.00	1.11	5.00	7.00	10.00	44.00	1207.00	2.00	23.00	11.00	5.00	411.00
TL13315	266.5	267.5	1356375	12.00	24.00	250.00	1341.00	3.33	14.00	5.00	10.00	36.00	875.00	2.00	21.00	41.00	4.00	2680.00
TL13315	266.5	267.5	1356376	16.00	28.00	233.00	1629.00	3.52	13.00	11.00	10.00	46.00	868.00	2.00	21.00	85.00	5.00	7405.00
TL13315	267.5	268.5	1356377	2.00	23.00	368.00	55.00	1.63	5.00	6.00	10.00	71.00	1364.00	2.00	27.00	10.00	6.00	105.00
TL13315	268.5	270.0	1356378	1.00	19.00	431.00	22.00	0.39	5.00	9.00	10.00	91.00	1511.00	2.00	29.00	10.00	6.00	64.00
TL13315	270.0	271.5	1356379	1.00	30.00	445.00	16.00	0.54	5.00	11.00	10.00	92.00	1757.00	2.00	39.00	10.00	8.00	71.00
TL13315	286.5	288.0	1356381	1.00	27.00	452.00	34.00	0.32	5.00	19.00	10.00	95.00	1764.00	2.00	34.00	10.00	6.00	94.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13315	288.0	289.0	1356382	1.00	3.54	34.00	299.00	2.00	16.00	0.62	4.00	6.00	14.00	83.00	1.63	0.01	14.00	0.88	362.00
TL13315	289.0	290.0	1356383	5.00	3.87	15.00	414.00	2.00	16.00	0.14	12.00	8.00	13.00	110.00	2.24	0.01	16.00	0.73	358.00
TL13315	290.0	291.0	1356384	1.00	4.71	81.00	390.00	2.00	12.00	0.43	4.00	9.00	13.00	23.00	2.22	0.07	19.00	0.86	403.00
TL13315	291.0	292.0	1356385	1.00	4.81	32.00	365.00	2.00	2.00	0.97	4.00	7.00	16.00	18.00	1.39	0.21	18.00	1.07	583.00
TL13315	292.0	293.0	1356386	1.00	5.81	27.00	436.00	2.00	6.00	2.50	4.00	7.00	27.00	26.00	1.92	0.40	21.00	1.86	1204.00
TL13315	293.0	294.0	1356387	3.00	3.21	97.00	304.00	2.00	18.00	0.30	4.00	7.00	24.00	59.00	3.03	0.06	12.00	0.59	294.00
TL13315	294.0	295.5	1356388	1.00	6.10	33.00	377.00	2.00	11.00	2.42	4.00	7.00	27.00	20.00	2.03	0.18	22.00	1.87	1057.00
TL13315	295.5	297.0	1356389	1.00	5.47	37.00	301.00	2.00	8.00	2.90	4.00	7.00	24.00	11.00	1.93	0.08	18.00	2.12	1269.00
TL13315	297.0	298.0	1356391	5.00	5.94	57.00	160.00	2.00	25.00	4.77	4.00	6.00	18.00	1042.00	3.31	0.01	14.00	2.70	1611.00
TL13315	298.0	299.0	1356392	1.00	4.09	33.00	277.00	2.00	13.00	2.45	4.00	5.00	17.00	39.00	1.81	0.01	14.00	2.00	1007.00
TL13315	299.0	300.0	1356393	1.00	6.45	58.00	415.00	2.00	6.00	1.66	4.00	8.00	23.00	9.00	2.28	0.24	27.00	1.95	727.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13315	288.0	289.0	1356382	1.00	21.00	365.00	46.00	0.91	5.00	11.00	10.00	59.00	1319.00	2.00	25.00	12.00	6.00	274.00
TL13315	289.0	290.0	1356383	1.00	16.00	408.00	522.00	1.16	5.00	14.00	10.00	48.00	1597.00	2.00	30.00	52.00	6.00	3516.00
TL13315	290.0	291.0	1356384	1.00	21.00	505.00	38.00	1.48	5.00	12.00	10.00	55.00	1805.00	2.00	32.00	11.00	7.00	95.00
TL13315	291.0	292.0	1356385	2.00	23.00	435.00	36.00	0.62	5.00	13.00	10.00	70.00	1706.00	4.00	31.00	10.00	6.00	56.00
TL13315	292.0	293.0	1356386	3.00	41.00	501.00	82.00	0.67	5.00	21.00	10.00	110.00	1506.00	6.00	32.00	10.00	6.00	70.00
TL13315	293.0	294.0	1356387	6.00	41.00	363.00	298.00	2.43	5.00	8.00	10.00	45.00	1495.00	2.00	30.00	11.00	6.00	249.00
TL13315	294.0	295.5	1356388	4.00	41.00	519.00	74.00	0.80	5.00	8.00	10.00	99.00	1738.00	19.00	36.00	10.00	7.00	85.00
TL13315	295.5	297.0	1356389	3.00	36.00	479.00	30.00	0.74	5.00	16.00	10.00	88.00	1516.00	7.00	32.00	10.00	7.00	87.00
TL13315	297.0	298.0	1356391	2.00	31.00	423.00	123.00	1.97	5.00	12.00	10.00	112.00	1508.00	2.00	35.00	20.00	7.00	1419.00
TL13315	298.0	299.0	1356392	2.00	27.00	370.00	36.00	0.83	5.00	8.00	10.00	84.00	1176.00	5.00	26.00	10.00	6.00	101.00
TL13315	299.0	300.0	1356393	4.00	38.00	438.00	22.00	0.94	5.00	10.00	10.00	96.00	1787.00	10.00	33.00	10.00	7.00	59.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13315	6.6	102.8	96.2	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13315	6.6	102.8	96.2	SPH	ST	0.1	Trace sph stringers, usually within green qz-chl-amph bands
TL13315	6.6	102.8	96.2	PO	BLB	1	Trace to 1% po blebs, usually within green qz-chl-amph bands
TL13315	6.6	102.8	96.2	CP	BLB	0.1	Trace cpy blebs, usually within green qz-chl-amph bands
TL13315	102.8	111.0	8.2	PY	DISS	1	Trace to 1% diss. py, uncommon local blebs and stringers
TL13315	111.0	119.5	8.5	PY	DISS	1	Trace to 1% diss. py, uncommon local blebs and stringers
TL13315	111.0	244.9	133.9	PO	BLB	2	1-2% po blebs throughout, sometimes occurs with py as diss. blebs., also as blebs within and around qz veins and qz-chl-amph bands
TL13315	119.5	123.0	3.5	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13315	123.0	135.0	12.0	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13315	135.0	165.0	30.0	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13315	165.0	244.9	79.9	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13315	229.5	244.9	15.4	SPH	ST	0.1	Trace sph stringers
TL13315	244.9	266.8	21.9	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13315	244.9	266.8	21.9	SPH	ST	0.1	Trace sph stringers
TL13315	266.8	267.5	0.8	PB	BLB	0.1	Trace to 1% gn blebs associated with qz veining and increased py/sph
TL13315	266.8	267.5	0.8	SPH	ST	2	1-2% sph stringers and blebs associated with qz veining and increased py
TL13315	266.8	267.5	0.8	CP	BLB	0.1	Trace cpy blebs associated with qz veining and increased py
TL13315	266.8	268.4	1.6	PY	DISS	6	5-6% diss. py, abundant local blebs and stringers
TL13315	268.4	288.0	19.7	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13315	268.4	300.0	31.7	PO	BLB	1	1% po blebs, often within qz-chl-amph bands
TL13315	288.0	300.0	12.0	PY	DISS	5	4-5% diss. py, common blebs and stringers, condensed in some qz-chl-amph bands
TL13315	288.0	300.0	12.0	SPH	ST	1	1% sph stringers, some within qz-chl-amph bands
TL13315	297.5	298.0	0.5	CP	BLB	0.1	Trace cpy blebs within qz-chl-amph bands
TL13315	297.5	298.0	0.5	PY	BLB	5	Abundant py blebs and stringers within qz-chl-amph bands

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13315	6.6	25.0	18.4	FOL	Moderate	10	
TL13315	6.6	102.8	96.2	FR	Weak	55	Fracture set 40-70 deg TCA, some with marginal chl alteration and/or infilled with qz
TL13315	25.0	50.0	25.0	FOL	Moderate	10	
TL13315	36.8	37.0	0.2	Fold	Weak	20	F2 fold, axial plane 20 deg TCA, difficult to measure with core orientation
TL13315	50.0	75.0	25.0	FOL	Moderate	10	
TL13315	75.0	102.8	27.8	FOL	Moderate	15	
TL13315	102.8	111.0	8.2	FOL	Moderate	10	
TL13315	102.8	111.0	8.2	FR	Very Weak	55	Uncommon , fracture set 40-70 deg TCA, some with marginal chl alteration and/or infilled with qz
TL13315	111.0	140.0	29.0	FOL	Strong	10	
TL13315	111.0	244.9	133.9	FR	Weak	55	Fracture set 40-70 deg TCA, some with marginal chl alteration and/or infilled with qz
TL13315	140.0	170.0	30.0	FOL	Strong	10	
TL13315	170.0	200.0	30.0	FOL	Strong	10	
TL13315	200.0	220.0	20.0	FOL	Moderate	12	10-15 deg TCA
TL13315	220.0	244.9	24.9	FOL	Moderate	12	10-15 deg TCA
TL13315	244.9	268.4	23.5	FR	Weak	70	Fractures 40-90 deg TCA
TL13315	244.9	268.4	23.5	FOL	Moderate	10	
TL13315	268.4	285.0	16.7	FOL	Moderate	10	
TL13315	268.4	300.0	31.7	FR	Weak	55	Fracture set 40-70 deg TCA, some with marginal chl alteration and/or infilled with qz
TL13315	285.0	300.0	15.0	FOL	Moderate	15	

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13315	6.6	102.8	96.2	SR	Patchy	Weak	Semi-pervasive sericite, sr 35% sr 65% bio
TL13315	6.6	102.8	96.2	CH	Fract-Cont	Weak	Weak to moderate chl alteration near some fractures
TL13315	6.6	102.8	96.2	SI	Pervasive	Moderate	Moderate silicification
TL13315	102.8	111.0	8.2	BT	Pervasive	Very Strong	V. strong bio
TL13315	111.0	119.5	8.5	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio
TL13315	111.0	244.9	133.9	SI	Pervasive	Very Weak	Weak, patchy silicification
TL13315	119.5	123.0	3.5	SR	Patchy	Moderate	Semi-pervasive sericite, 45% sr 65% bio
TL13315	123.0	231.0	108.0	SR	Patchy	Weak	Semi-pervasive sericite, 10% sr 90% bio, overall dark coloured, patches that are slightly lighter grey
TL13315	231.0	244.9	13.9	SR	Patchy	Weak	Semi-pervasive sericite, 25% sr 75% bio
TL13315	244.9	249.5	4.6	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13315	244.9	262.0	17.1	SR	Patchy	Very Strong	Semi-pervasive sericite, 95% sr 5% bio
TL13315	244.9	268.4	23.5	SI	Pervasive	Weak	Weak to moderate silicification
TL13315	262.0	268.4	6.4	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13315	268.4	288.0	19.7	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13315	268.4	300.0	31.7	SI	Pervasive	Weak	Weak to moderate silicification
TL13315	288.0	294.0	6.0	SR	Patchy	Strong	Semi-pervasive sericite, 70% sr 30% bio
TL13315	294.0	300.0	6.0	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13315	9	12	3	2.97	2.32	99	77.33	13	
TL13315	12	15	3	3	1.93	100	64.33	24	
TL13315	15	18	3	3.04	2.63	101.33	87.67	5	
TL13315	18	21	3	2.96	2.67	98.67	89	6	
TL13315	21	24	3	3.06	2.03	102	67.67	17	
TL13315	24	27	3	2.94	2.67	98	89	8	
TL13315	27	30	3	3.03	2.9	101	96.67	15	
TL13315	30	33	3	2.99	2.95	99.67	98.33	3	
TL13315	33	36	3	3.1	2.42	103.33	80.67	7	
TL13315	36	39	3	2.96	2.62	98.67	87.33	5	
TL13315	39	42	3	3.05	2.88	101.67	96	6	
TL13315	42	45	3	3.01	2.54	100.33	84.67	10	
TL13315	45	48	3	2.97	2.73	99	91	14	
TL13315	48	51	3	2.96	2.68	98.67	89.33	3	
TL13315	51	54	3	2.98	2.93	99.33	97.67	8	
TL13315	54	57	3	3.02	2.94	100.67	98	15	
TL13315	57	60	3	2.96	2.61	98.67	87	8	
TL13315	60	63	3	3.04	2.49	101.33	83	11	
TL13315	63	66	3	3.02	2.74	100.67	91.33	11	
TL13315	66	69	3	2.98	2.59	99.33	86.33	8	
TL13315	69	72	3	3.06	2.64	102	88	7	
TL13315	72	75	3	3.02	2.2	100.67	73.33	31	
TL13315	75	78	3	3.02	2.93	100.67	97.67	3	
TL13315	78	81	3	3.02	3.02	100.67	100.67	5	
TL13315	81	84	3	2.91	2.37	97	79	9	
TL13315	84	87	3	3.08	2.81	102.67	93.67	5	
TL13315	87	90	3	2.94	2.9	98	96.67	9	
TL13315	90	93	3	3.08	3.01	102.67	100.33	7	
TL13315	93	96	3	2.86	2.67	95.33	89	7	
TL13315	96	99	3	3.07	3.07	102.33	102.33	6	
TL13315	99	102	3	2.99	2.84	99.67	94.67	6	
TL13315	102	105	3	2.96	2.59	98.67	86.33	8	
TL13315	105	108	3	3.07	2.34	102.33	78	14	
TL13315	108	111	3	3.05	2.66	101.67	88.67	8	
TL13315	111	114	3	3.08	2.42	102.67	80.67	13	
TL13315	114	117	3	2.97	1.52	99	50.67	21	
TL13315	117	120	3	3.02	2.33	100.67	77.67	9	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13315	120	123	3	2.97	2.4	99	80	17	
TL13315	123	126	3	3	2.6	100	86.67	12	
TL13315	126	129	3	2.99	2.68	99.67	89.33	14	
TL13315	129	132	3	3.07	2.5	102.33	83.33	8	
TL13315	132	135	3	3.06	2.82	102	94	7	
TL13315	135	138	3	2.95	2.86	98.33	95.33	7	
TL13315	138	141	3	3.03	2.7	101	90	8	
TL13315	141	144	3	2.97	2.8	99	93.33	10	
TL13315	144	147	3	2.97	2.78	99	92.67	9	
TL13315	147	150	3	3.05	2.45	101.67	81.67	14	
TL13315	150	153	3	3.01	2.5	100.33	83.33	7	
TL13315	153	156	3	3.03	2.8	101	93.33	10	
TL13315	156	159	3	2.98	2.51	99.33	83.67	12	
TL13315	159	162	3	2.9	2.52	96.67	84	9	
TL13315	162	165	3	3.02	2.97	100.67	99	7	
TL13315	165	168	3	2.99	2.24	99.67	74.67	14	
TL13315	168	171	3	3.05	2.73	101.67	91	11	
TL13315	171	174	3	2.95	2.86	98.33	95.33	6	
TL13315	174	177	3	3	2.32	100	77.33	11	
TL13315	177	180	3	2.97	2.61	99	87	9	
TL13315	180	183	3	2.97	2.46	99	82	5	
TL13315	183	186	3	2.97	2.86	99	95.33	5	
TL13315	186	189	3	3	1.91	100	63.67	9	
TL13315	189	192	3	2.97	2.08	99	69.33	11	
TL13315	192	195	3	3	2.34	100	78	10	
TL13315	195	198	3	2.97	2.63	99	87.67	6	
TL13315	198	201	3	3.04	2.89	101.33	96.33	6	
TL13315	201	204	3	2.99	2.92	99.67	97.33	7	
TL13315	204	207	3	3.02	2.78	100.67	92.67	5	
TL13315	207	210	3	2.94	1.75	98	58.33	13	
TL13315	210	213	3	3.01	2.21	100.33	73.67	17	
TL13315	213	216	3	3.09	2.83	103	94.33	8	
TL13315	216	219	3	2.97	2.73	99	91	5	
TL13315	219	222	3	3.03	2.84	101	94.67	7	
TL13315	222	225	3	2.98	2.9	99.33	96.67	4	
TL13315	225	228	3	2.97	2.97	99	99	3	
TL13315	228	231	3	2.99	2.81	99.67	93.67	7	
TL13315	231	234	3	2.95	2.87	98.33	95.67	2	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13315	234	237	3	3.02	2.92	100.67	97.33	5	
TL13315	237	240	3	2.94	2.77	98	92.33	5	
TL13315	240	243	3	3	2.86	100	95.33	4	
TL13315	243	246	3	3	2.91	100	97	5	
TL13315	246	249	3	2.91	2.84	97	94.67	6	
TL13315	249	252	3	2.92	2.58	97.33	86	11	
TL13315	252	255	3	3.05	2.78	101.67	92.67	6	
TL13315	255	258	3	2.95	2.78	98.33	92.67	11	
TL13315	258	261	3	2.96	2.7	98.67	90	8	
TL13315	261	264	3	3	2.86	100	95.33	7	
TL13315	264	267	3	3.12	3.02	104	100.67	4	
TL13315	267	270	3	2.79	2.79	93	93	1	
TL13315	270	273	3	3.05	3.05	101.67	101.67	4	
TL13315	273	276	3	2.96	2.76	98.67	92	5	
TL13315	276	279	3	2.99	2.84	99.67	94.67	5	
TL13315	279	282	3	3.1	2.74	103.33	91.33	7	
TL13315	282	285	3	3.03	2.8	101	93.33	6	
TL13315	285	288	3	2.87	2.78	95.67	92.67	3	
TL13315	288	291	3	3	2.56	100	85.33	6	
TL13315	291	294	3	3.04	2.95	101.33	98.33	4	
TL13315	294	297	3	2.87	2.84	95.67	94.67	2	
TL13315	297	300	3	3.05	2.92	101.67	97.33	3	

DETAILED LOG

Hole Number: TL13316

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
21.18	35.80	MSS, Muscovite Sericite Schist MSS 21.18m-35.80m This MSS unit has moderate patchy to very strong pervasive sericitic alteration and weak patchy silicification. This unit also has very weak patchy potassic alteration. This unit is poorly mineralized with trace disseminated pyrite, and 1% pyrite in stringers.	1328475	21.18	22.50	1.32	0.01				
			1328476	21.18	22.50	1.32	0.01				
			1328477	22.50	24.00	1.50	0.04				
			1328478	24.00	25.50	1.50	0.03				
			1328479	25.50	27.00	1.50	0.37				
			1328481	27.00	28.50	1.50	0.18				
			1328482	28.50	30.00	1.50	0.12				
			1328483	30.00	31.50	1.50	0.16				
			1328484	31.50	33.00	1.50	0.67				
			1328485	33.00	34.50	1.50	0.09				
			1328486	34.50	35.80	1.30	0.01				
35.80	59.74	BMS, Biotite Muscovite Schist This BMS unit has weak patchy sericitic alteration and strong to very strong patchy silicification. This unit contains 1% bleb disseminated pyrite, 1% pyrite in stringers, trace to 1% disseminated pyrite, trace sphalerite stringers, and trace galena blebs.	1328487	35.80	37.30	1.50	0.05				
			1328488	46.00	47.50	1.50	0.01				
			1328489	47.50	49.00	1.50	0.01				
			1328491	49.00	50.50	1.50	0.01				
			1328492	50.50	51.50	1.00	0.21				
			1328493	51.50	53.00	1.50	0.07				
			1328494	53.00	54.50	1.50	0.04				
			1328496	54.50	56.00	1.50	0.02				
			1328495	54.50	56.00	1.50	0.04				
			1328497	56.00	57.50	1.50	0.01				
			1328498	57.50	58.50	1.00	0.01				
			1328499	58.50	59.70	1.20	0.01				
			1328501	59.70	61.20	1.50	0.01				
59.74	66.23	MSS, Muscovite Sericite Schist MSS Main-Zone from 59.74m-66.23m This Main-Zone MSS is weak and has very strong patchy sericitic alteration and strong to very strong pervasive silicification. This unit is poorly mineralized with 1% disseminated pyrite, trace pyrite in stringers, and trace sphalerite in stringers.	1328502	61.20	62.70	1.50	0.01				
			1328503	62.70	64.20	1.50	0.10				
			1328504	64.20	65.20	1.00	0.02				
			1328505	65.20	66.20	1.00	0.01				
			1328506	66.20	67.70	1.50	0.05				
66.23	89.72	BMS, Biotite Muscovite Schist This BMS unit has moderate to very strong patchy silicification, and very weak patchy sericitic alteration. This unit is poorly mineralized with 1% disseminated pyrite, trace to 1% pyrite in stringers, and trace sphalerite stringers.	1328507	88.20	89.70	1.50	0.02				
			1328508	89.70	91.20	1.50	0.01				
89.72	98.54	MSS, Muscovite Sericite Schist MSS 89.72m-98.54m This MSS unit has very strong patchy sericitic alteration, and moderate patchy silicification. This unit is very poorly mineralized with only trace disseminated pyrite throughout the interval.	1328509	91.20	92.70	1.50	0.01				
			1328511	92.70	93.50	0.80	0.01				
			1328512	93.50	94.50	1.00	0.01				
			1328513	94.50	96.00	1.50	0.01				
			1328514	96.00	97.50	1.50	0.01				
			1328515	97.50	98.50	1.00	0.01				
			1328516	97.50	98.50	1.00	0.01				
			1328517	98.50	100.00	1.50	0.01				

DETAILED LOG

Hole Number: TL13316

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
98.54	156.00	BMS, Biotite Muscovite Schist	1328518	100.00	101.50	1.50	0.01				
			1328519	101.50	103.00	1.50	0.01				
			1328521	103.00	104.50	1.50	0.15				
			1328522	104.50	105.50	1.00	0.22				
			1328523	105.50	106.50	1.00	0.18				
			1328524	106.50	107.70	1.20	0.18				
			1328525	107.70	109.20	1.50	0.05				
			1328526	109.20	110.20	1.00	0.10				
			1328527	110.20	111.70	1.50	0.07				
			1328528	111.70	113.20	1.50	0.02				
			1328529	113.20	114.70	1.50	0.02				
			1328531	114.70	116.20	1.50	0.03				
			1328532	116.20	117.70	1.50	0.04				
			1328533	117.70	119.20	1.50	0.20				
			1328534	119.20	120.70	1.50	0.09				
			1328535	120.70	122.20	1.50	0.07				
			1328536	120.70	122.20	1.50	0.04				
			1328537	122.20	123.70	1.50	0.02				
			1328538	123.70	125.20	1.50	0.03				
			1328539	125.20	126.70	1.50	0.02				
			1328541	126.70	128.20	1.50	0.01				
			1328542	128.20	129.70	1.50	0.01				
			1328543	129.70	131.20	1.50	0.01				
			1328544	147.00	148.50	1.50	0.01				
			1328545	148.50	150.00	1.50	0.02				
			1328546	150.00	151.50	1.50	0.01				
			1328547	151.50	153.00	1.50	0.03				
			1328548	153.00	154.50	1.50	0.13				
			1328549	154.50	156.00	1.50	0.02				
156.00	164.77	MSS, Muscovite Sericite Schist	1328551	156.00	157.50	1.50	0.19				
		MSS 156.00m-164.77m	1328552	157.50	159.00	1.50	25.50				
		This MSS unit has very strong patchy sericitic alteration, strong patchy silicification, and very weak patchy chloritic alteration. This unit contains trace to 1% disseminated pyrite, and trace pyrite in stringers.	1328553	159.00	160.50	1.50	0.04				
			1328554	160.50	162.00	1.50	0.09				
			1328555	162.00	163.50	1.50	0.02				
			1328556	162.00	163.50	1.50	0.04				
			1328557	163.50	165.00	1.50	0.02				
164.77	197.06	BMS, Biotite Muscovite Schist	1328558	165.00	166.50	1.50	0.02				
		This BMS unit has weak to very weak patchy sericitic alteration and strong patchy silicification to very weak patchy silicification. This unit contains 1% disseminated pyrite, trace sphalerite stringers, trace galena blebs, trace chalcopyrite blebs, and trace pyrrhotite blebs.	1328559	166.50	168.00	1.50	0.04				
			1328561	168.00	169.00	1.00	0.29				
			1328562	169.00	170.50	1.50	0.03				
			1328563	195.50	197.00	1.50	0.07				
			1328564	197.00	198.50	1.50	0.26				

Hole Number: TL13316

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1
197.06	205.80	MSS, Muscovite Sericite Schist	1328565	198.50	200.00	1.50	0.32				
		MSS C-Zone or possible B-Zone from 197.06m-205.80m	1328566	200.00	201.00	1.00	0.07				
		This MSS unit belongs to either the C-Zone or possibly the B-Zone and has very strong patchy to semi-pervasive sericitic alteration and weak patchy silicification.	1328567	201.00	202.00	1.00	6.82				
		This unit is mineralized with 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs and a possible speck of VG in a smokey grey qtz vein at 201.18m depth and is found with sphalerite, galena, pyrite, and chalcopyrite.	1328568	202.00	203.50	1.50	0.24				
			1328569	203.50	204.50	1.00	0.11				
			1328571	204.50	205.80	1.30	0.18				
205.80	212.90	BMS, Biotite Muscovite Schist	1328572	205.80	207.30	1.50	0.08				
		BMS C-Zone from 205.8m-212.9m	1328573	207.30	208.80	1.50	0.15				
		This BMS is likely part of the C-Zone or on the transition to the C-Zone and contains very weak patchy sericitic alteration and moderate patchy silicification.	1328574	208.80	210.00	1.20	0.24				
		This unit is well mineralized with 1% pyrite in stringers, 1% disseminated pyrite, trace sphalerite stringers, trace galena blebs, trace chalcopyrite blebs and possible trace VG at 210.09m depth found in an irregular smokey grey translucent qtz vein with chalcopyrite, galena and sphalerite.	1328575	210.00	210.50	0.50	17.95				
			1328576	210.50	212.00	1.50	0.08				
			1328577	210.50	212.00	1.50	0.07				
			1328578	212.00	213.00	1.00	0.23				

Hole Number: TL13316

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
212.90	243.27	MSS, Muscovite Sericite Schist	1328579	213.00	214.00	1.00	0.29				
		MSS C-Zone from 212.9m-243.27m	1328581	214.00	215.00	1.00	0.43				
		This C-Zone MSS unit has strong patchy sericitic alteration and weak patchy silicification. This unit is well mineralized with 2% pyrite in stringers, 1% sphalerite in stringers, 1% disseminated pyrite, 1% galena blebs with a concentration within a milky white translucent qtz vein, trace pyrrhotite stringers, and trace chalcopyrite blebs.	1328582	215.00	216.00	1.00	0.17				
			1328583	216.00	217.00	1.00	0.21				
			1328584	217.00	218.00	1.00	0.20				
			1328585	218.00	219.00	1.00	0.04				
			1328586	219.00	220.00	1.00	0.30				
			1328587	220.00	221.00	1.00	0.15				
			1328588	221.00	222.00	1.00	0.02				
			1328589	222.00	223.00	1.00	0.01				
			1328591	223.00	224.00	1.00	0.01				
			1328592	224.00	225.00	1.00	0.01				
			1328593	225.00	226.00	1.00	0.25				
			1328594	226.00	227.00	1.00	0.04				
			1328596	227.00	228.00	1.00	0.11				
			1328595	227.00	228.00	1.00	0.12				
			1328597	228.00	229.00	1.00	0.04				
			1328598	229.00	230.00	1.00	0.01				
			1328599	230.00	231.00	1.00	0.30				
			1328601	231.00	232.00	1.00	0.20				
			1328602	232.00	233.00	1.00	0.35				
			1328603	233.00	234.00	1.00	0.10				
			1328604	234.00	235.00	1.00	1.03				
			1328605	235.00	236.00	1.00	0.45				
			1328606	236.00	237.00	1.00	0.11				
			1328607	237.00	238.00	1.00	0.73				
			1328608	238.00	239.00	1.00	0.35				
			1328609	239.00	240.00	1.00	0.07				
			1328611	240.00	241.00	1.00	0.16				
			1328612	241.00	242.00	1.00	0.49				
			1328613	242.00	243.30	1.30	0.17				
243.27	270.00	BMS, Biotite Muscovite Schist	1328614	243.30	244.80	1.50	0.02				
		This BMS unit has weak patchy sericitic alteration with one small very strong patch. This unit also has strong patchy silicification and very weak patchy chloritic alteration. This unit is mineralized with trace to 1% disseminated pyrite, 1% pyrite in stringers, and trace sphalerite in stringers.									

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328475	21.18	22.50	0.0100				
1328477	22.50	24.00	0.0400				
1328478	24.00	25.50	0.0300				

Hole Number: TL13316

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328479	25.50	27.00	0.3700				
1328481	27.00	28.50	0.1800				
1328482	28.50	30.00	0.1200				
1328483	30.00	31.50	0.1600				
1328484	31.50	33.00	0.6700				
1328485	33.00	34.50	0.0900				
1328486	34.50	35.80	0.0100				
1328487	35.80	37.30	0.0500				
1328488	46.00	47.50	0.0100				
1328489	47.50	49.00	0.0100				
1328491	49.00	50.50	0.0100				
1328492	50.50	51.50	0.2100				
1328493	51.50	53.00	0.0700				
1328494	53.00	54.50	0.0400				
1328495	54.50	56.00	0.0400				
1328497	56.00	57.50	0.0100				
1328498	57.50	58.50	0.0100				
1328499	58.50	59.70	0.0100				
1328501	59.70	61.20	0.0100				
1328502	61.20	62.70	0.0100				
1328503	62.70	64.20	0.1000				
1328504	64.20	65.20	0.0200				
1328505	65.20	66.20	0.0100				
1328506	66.20	67.70	0.0500				
1328507	88.20	89.70	0.0200				
1328508	89.70	91.20	0.0100				
1328509	91.20	92.70	0.0100				
1328511	92.70	93.50	0.0100				
1328512	93.50	94.50	0.0100				
1328513	94.50	96.00	0.0100				
1328514	96.00	97.50	0.0100				
1328515	97.50	98.50	0.0100				
1328517	98.50	100.00	0.0100				
1328518	100.00	101.50	0.0100				
1328519	101.50	103.00	0.0100				
1328521	103.00	104.50	0.1500				
1328522	104.50	105.50	0.2200				
1328523	105.50	106.50	0.1800				
1328524	106.50	107.70	0.1800				

Hole Number: TL13316

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328525	107.70	109.20	0.0500				
1328526	109.20	110.20	0.1000				
1328527	110.20	111.70	0.0700				
1328528	111.70	113.20	0.0200				
1328529	113.20	114.70	0.0200				
1328531	114.70	116.20	0.0300				
1328532	116.20	117.70	0.0400				
1328533	117.70	119.20	0.2000				
1328534	119.20	120.70	0.0900				
1328535	120.70	122.20	0.0700				
1328537	122.20	123.70	0.0200				
1328538	123.70	125.20	0.0300				
1328539	125.20	126.70	0.0200				
1328541	126.70	128.20	0.0100				
1328542	128.20	129.70	0.0100				
1328543	129.70	131.20	0.0100				
1328544	147.00	148.50	0.0100				
1328545	148.50	150.00	0.0200				
1328546	150.00	151.50	0.0100				
1328547	151.50	153.00	0.0300				
1328548	153.00	154.50	0.1300				
1328549	154.50	156.00	0.0200				
1328551	156.00	157.50	0.1900				
1328552	157.50	159.00	25.5000				
1328553	159.00	160.50	0.0400				
1328554	160.50	162.00	0.0900				
1328555	162.00	163.50	0.0200				
1328557	163.50	165.00	0.0200				
1328558	165.00	166.50	0.0200				
1328559	166.50	168.00	0.0400				
1328561	168.00	169.00	0.2900				
1328562	169.00	170.50	0.0300				
1328563	195.50	197.00	0.0700				
1328564	197.00	198.50	0.2600				
1328565	198.50	200.00	0.3200				
1328566	200.00	201.00	0.0700				
1328567	201.00	202.00	6.8200				
1328568	202.00	203.50	0.2400				
1328569	203.50	204.50	0.1100				

Hole Number: TL13316

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328571	204.50	205.80	0.1800				
1328572	205.80	207.30	0.0800				
1328573	207.30	208.80	0.1500				
1328574	208.80	210.00	0.2400				
1328575	210.00	210.50	17.9500				
1328576	210.50	212.00	0.0800				
1328578	212.00	213.00	0.2300				
1328579	213.00	214.00	0.2900				
1328581	214.00	215.00	0.4300				
1328582	215.00	216.00	0.1700				
1328583	216.00	217.00	0.2100				
1328584	217.00	218.00	0.2000				
1328585	218.00	219.00	0.0400				
1328586	219.00	220.00	0.3000				
1328587	220.00	221.00	0.1500				
1328588	221.00	222.00	0.0200				
1328589	222.00	223.00	0.0100				
1328591	223.00	224.00	0.0100				
1328592	224.00	225.00	0.0100				
1328593	225.00	226.00	0.2500				
1328594	226.00	227.00	0.0400				
1328595	227.00	228.00	0.1200				
1328597	228.00	229.00	0.0400				
1328598	229.00	230.00	0.0100				
1328599	230.00	231.00	0.3000				
1328601	231.00	232.00	0.2000				
1328602	232.00	233.00	0.3500				
1328603	233.00	234.00	0.1000				
1328604	234.00	235.00	1.0300				
1328605	235.00	236.00	0.4500				
1328606	236.00	237.00	0.1100				
1328607	237.00	238.00	0.7300				
1328608	238.00	239.00	0.3500				
1328609	239.00	240.00	0.0700				
1328611	240.00	241.00	0.1600				
1328612	241.00	242.00	0.4900				
1328613	242.00	243.30	0.1700				
1328614	243.30	244.80	0.0200				

Hole Number: TL13316

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1328476	21.18	22.50	0.0100				
1328496	54.50	56.00	0.0200				
1328516	97.50	98.50	0.0100				
1328536	120.70	122.20	0.0400				
1328556	162.00	163.50	0.0400				
1328577	210.50	212.00	0.0700				
1328596	227.00	228.00	0.1100				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13316	21.2	22.5	1328476	0.50	7.08	5.00	710.00	0.90	2.00	2.30	0.50	7.00	15.00	20.00	1.28	2.55		0.50	354.00
TL13316	21.2	22.5	1328475	0.50	6.17	13.00	700.00	0.90	2.00	2.34	0.50	8.00	15.00	20.00	1.35	2.51		0.46	352.00
TL13316	22.5	24.0	1328477	0.50	7.05	15.00	860.00	0.90	2.00	2.25	1.70	7.00	13.00	54.00	1.62	3.03		0.99	620.00
TL13316	24.0	25.5	1328478	0.50	7.14	29.00	780.00	1.20	2.00	2.16	0.50	12.00	18.00	35.00	1.69	2.74		0.91	674.00
TL13316	25.5	27.0	1328479	1.80	5.99	57.00	470.00	1.00	2.00	0.25	0.90	5.00	8.00	27.00	1.54	3.12		0.30	103.00
TL13316	27.0	28.5	1328481	0.90	6.95	40.00	460.00	1.20	2.00	0.19	0.60	6.00	4.00	21.00	1.11	3.66		0.35	91.00
TL13316	28.5	30.0	1328482	0.50	6.93	27.00	490.00	1.30	2.00	0.38	0.50	5.00	4.00	11.00	0.75	3.63		0.57	275.00
TL13316	30.0	31.5	1328483	0.80	6.20	30.00	460.00	1.20	2.00	0.23	0.50	3.00	6.00	11.00	0.71	3.66		0.44	150.00
TL13316	31.5	33.0	1328484	0.90	6.54	29.00	460.00	1.30	2.00	0.16	0.50	5.00	5.00	13.00	0.71	3.92		0.29	76.00
TL13316	33.0	34.5	1328485	0.50	7.04	30.00	480.00	1.10	2.00	0.28	0.50	5.00	5.00	5.00	0.79	3.76		0.39	153.00
TL13316	34.5	35.8	1328486	0.50	7.80	20.00	600.00	1.10	2.00	0.35	0.50	9.00	4.00	20.00	1.03	4.25		0.41	148.00
TL13316	35.8	37.3	1328487	0.50	7.41	7.00	680.00	1.00	2.00	2.68	0.50	4.00	8.00	9.00	1.70	3.05		0.93	553.00
TL13316	46.0	47.5	1328488	0.50	7.67	15.00	770.00	1.10	2.00	2.16	0.50	6.00	50.00	13.00	1.95	3.29		1.33	651.00
TL13316	47.5	49.0	1328489	0.50	7.54	5.00	780.00	1.10	2.00	1.67	0.50	3.00	5.00	17.00	1.66	3.10		1.06	707.00
TL13316	49.0	50.5	1328491	0.50	5.81	7.00	480.00	1.00	2.00	1.39	0.50	2.00	10.00	11.00	1.20	1.96		0.85	509.00
TL13316	50.5	51.5	1328492	5.10	5.77	19.00	620.00	0.80	2.00	0.48	5.70	3.00	10.00	189.00	1.88	2.77		0.48	261.00
TL13316	51.5	53.0	1328493	2.90	6.60	22.00	730.00	0.90	2.00	1.20	4.00	5.00	7.00	123.00	1.78	2.87		1.13	725.00
TL13316	53.0	54.5	1328494	0.50	7.48	17.00	550.00	1.10	2.00	1.94	0.50	7.00	7.00	6.00	1.62	2.81		1.59	1085.00
TL13316	54.5	56.0	1328495	0.50	7.67	13.00	560.00	1.00	2.00	1.73	0.60	16.00	7.00	10.00	1.40	2.43		0.98	732.00
TL13316	54.5	56.0	1328496	0.50	7.07	13.00	420.00	0.90	2.00	1.74	0.50	11.00	7.00	8.00	1.29	2.14		1.16	964.00
TL13316	56.0	57.5	1328497	0.50	5.10	12.00	320.00	0.50	2.00	1.62	0.50	6.00	12.00	7.00	1.34	1.08		0.90	818.00
TL13316	57.5	58.5	1328498	0.70	7.83	5.00	700.00	0.80	2.00	1.42	0.50	12.00	13.00	34.00	1.67	2.35		0.70	541.00
TL13316	58.5	59.7	1328499	0.50	6.82	5.00	400.00	0.80	2.00	2.10	0.50	4.00	9.00	17.00	1.40	1.26		1.18	1065.00
TL13316	59.7	61.2	1328501	0.50	7.47	5.00	640.00	1.00	2.00	1.33	0.50	7.00	10.00	20.00	1.21	2.01		0.87	653.00
TL13316	61.2	62.7	1328502	0.50	8.03	21.00	600.00	1.10	2.00	0.89	0.50	7.00	6.00	27.00	1.28	2.66		0.60	432.00
TL13316	62.7	64.2	1328503	0.50	7.10	19.00	500.00	0.80	2.00	0.76	0.50	4.00	5.00	7.00	1.15	1.81		0.44	311.00
TL13316	64.2	65.2	1328504	0.50	7.15	16.00	550.00	0.90	2.00	0.85	0.80	3.00	5.00	8.00	1.32	1.72		0.46	308.00
TL13316	65.2	66.2	1328505	0.50	6.18	10.00	560.00	0.90	2.00	0.79	0.50	3.00	8.00	12.00	1.23	2.01		0.50	388.00
TL13316	66.2	67.7	1328506	0.60	7.36	14.00	420.00	0.90	2.00	0.97	0.50	6.00	14.00	23.00	1.92	2.17		1.08	1095.00
TL13316	88.2	89.7	1328507	0.50	6.69	8.00	260.00	0.80	2.00	1.65	0.50	1.00	7.00	2.00	1.29	1.69		1.71	954.00
TL13316	89.7	91.2	1328508	0.50	6.76	14.00	280.00	0.80	2.00	1.06	0.50	1.00	7.00	2.00	0.75	1.75		0.72	350.00
TL13316	91.2	92.7	1328509	0.50	7.10	16.00	320.00	0.80	2.00	1.06	0.50	1.00	6.00	5.00	0.65	1.83		0.66	289.00
TL13316	92.7	93.5	1328511	0.50	7.40	15.00	290.00	0.90	2.00	1.07	0.50	1.00	6.00	4.00	0.78	1.70		0.81	311.00
TL13316	93.5	94.5	1328512	0.50	6.84	8.00	280.00	0.80	2.00	0.86	0.50	1.00	7.00	6.00	0.74	1.91		0.73	324.00
TL13316	94.5	96.0	1328513	0.50	7.51	5.00	380.00	0.80	2.00	0.79	0.50	2.00	7.00	2.00	0.67	2.24		0.51	207.00
TL13316	96.0	97.5	1328514	0.50	7.14	6.00	330.00	0.90	2.00	0.77	0.50	1.00	7.00	4.00	0.67	2.04		0.50	209.00
TL13316	97.5	98.5	1328516	0.50	7.06	14.00	310.00	0.90	2.00	0.81	0.50	1.00	6.00	8.00	0.66	2.00		0.50	230.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13316	21.2	22.5	1328476	1.00	12.00	500.00	21.00	0.37	5.00			165.00		10.00	47.00	10.00		36.00
TL13316	21.2	22.5	1328475	1.00	13.00	490.00	15.00	0.47	5.00			159.00		10.00	48.00	10.00		35.00
TL13316	22.5	24.0	1328477	1.00	13.00	530.00	34.00	0.61	5.00			147.00		10.00	42.00	10.00		486.00
TL13316	24.0	25.5	1328478	1.00	18.00	530.00	50.00	0.69	5.00			121.00		10.00	41.00	10.00		91.00
TL13316	25.5	27.0	1328479	1.00	9.00	560.00	78.00	1.43	5.00			29.00		10.00	32.00	10.00		305.00
TL13316	27.0	28.5	1328481	1.00	13.00	660.00	60.00	0.88	5.00			36.00		10.00	32.00	10.00		239.00
TL13316	28.5	30.0	1328482	1.00	7.00	630.00	54.00	0.49	5.00			39.00		10.00	33.00	10.00		124.00
TL13316	30.0	31.5	1328483	1.00	5.00	640.00	63.00	0.52	5.00			26.00		10.00	32.00	10.00		96.00
TL13316	31.5	33.0	1328484	1.00	8.00	640.00	73.00	0.50	5.00			27.00		10.00	33.00	10.00		110.00
TL13316	33.0	34.5	1328485	1.00	8.00	660.00	95.00	0.49	5.00			27.00		10.00	33.00	10.00		81.00
TL13316	34.5	35.8	1328486	1.00	11.00	710.00	41.00	0.41	5.00			35.00		10.00	37.00	10.00		72.00
TL13316	35.8	37.3	1328487	1.00	4.00	750.00	27.00	0.48	5.00			120.00		10.00	37.00	10.00		48.00
TL13316	46.0	47.5	1328488	1.00	28.00	790.00	53.00	0.71	5.00			106.00		10.00	45.00	10.00		106.00
TL13316	47.5	49.0	1328489	1.00	5.00	650.00	49.00	0.61	5.00			122.00		10.00	34.00	10.00		155.00
TL13316	49.0	50.5	1328491	1.00	4.00	530.00	56.00	0.32	5.00			90.00		10.00	24.00	10.00		84.00
TL13316	50.5	51.5	1328492	1.00	4.00	510.00	1010.00	1.41	7.00			38.00		10.00	26.00	10.00		1570.00
TL13316	51.5	53.0	1328493	1.00	6.00	540.00	432.00	1.05	5.00			87.00		10.00	31.00	10.00		1410.00
TL13316	53.0	54.5	1328494	1.00	10.00	640.00	31.00	0.64	5.00			151.00		10.00	34.00	10.00		141.00
TL13316	54.5	56.0	1328495	1.00	17.00	680.00	32.00	0.76	5.00			159.00		10.00	31.00	10.00		82.00
TL13316	54.5	56.0	1328496	1.00	11.00	660.00	29.00	0.55	5.00			146.00		10.00	30.00	10.00		69.00
TL13316	56.0	57.5	1328497	1.00	8.00	410.00	18.00	0.75	5.00			120.00		10.00	20.00	10.00		47.00
TL13316	57.5	58.5	1328498	1.00	17.00	410.00	41.00	0.92	5.00			156.00		10.00	33.00	10.00		46.00
TL13316	58.5	59.7	1328499	1.00	6.00	440.00	33.00	0.43	5.00			160.00		10.00	27.00	10.00		70.00
TL13316	59.7	61.2	1328501	1.00	9.00	460.00	56.00	0.46	5.00			164.00		10.00	32.00	10.00		77.00
TL13316	61.2	62.7	1328502	1.00	7.00	540.00	60.00	0.83	5.00			161.00		10.00	35.00	10.00		94.00
TL13316	62.7	64.2	1328503	1.00	3.00	450.00	39.00	0.87	5.00			115.00		10.00	28.00	10.00		36.00
TL13316	64.2	65.2	1328504	1.00	4.00	450.00	16.00	0.97	5.00			117.00		10.00	29.00	10.00		407.00
TL13316	65.2	66.2	1328505	1.00	4.00	450.00	29.00	0.72	5.00			126.00		10.00	34.00	10.00		57.00
TL13316	66.2	67.7	1328506	1.00	8.00	540.00	167.00	0.79	5.00			144.00		10.00	38.00	10.00		126.00
TL13316	88.2	89.7	1328507	1.00	3.00	390.00	26.00	0.69	5.00			157.00		10.00	28.00	10.00		40.00
TL13316	89.7	91.2	1328508	1.00	1.00	380.00	10.00	0.37	5.00			129.00		10.00	26.00	10.00		16.00
TL13316	91.2	92.7	1328509	1.00	2.00	420.00	11.00	0.24	5.00			127.00		10.00	25.00	10.00		16.00
TL13316	92.7	93.5	1328511	1.00	1.00	430.00	14.00	0.30	5.00			137.00		10.00	25.00	10.00		12.00
TL13316	93.5	94.5	1328512	1.00	2.00	420.00	7.00	0.35	5.00			120.00		10.00	26.00	10.00		18.00
TL13316	94.5	96.0	1328513	1.00	3.00	430.00	8.00	0.38	5.00			119.00		10.00	25.00	10.00		10.00
TL13316	96.0	97.5	1328514	1.00	2.00	400.00	12.00	0.38	5.00			116.00		10.00	26.00	10.00		12.00
TL13316	97.5	98.5	1328516	1.00	2.00	420.00	11.00	0.35	5.00			117.00		10.00	26.00	10.00		15.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13316	97.5	98.5	1328515	0.50	7.15	20.00	320.00	0.90	2.00	0.83	0.50	1.00	6.00	8.00	0.66	2.01		0.50	230.00
TL13316	98.5	100.0	1328517	0.50	7.16	9.00	330.00	0.80	2.00	1.25	0.50	2.00	8.00	9.00	0.73	2.02		0.72	422.00
TL13316	100.0	101.5	1328518	0.50	7.51	16.00	330.00	0.80	2.00	1.49	0.50	3.00	7.00	6.00	0.87	2.18		0.86	531.00
TL13316	101.5	103.0	1328519	0.50	7.51	18.00	400.00	0.80	2.00	1.26	0.50	4.00	8.00	4.00	0.74	2.62		0.80	459.00
TL13316	103.0	104.5	1328521	0.80	6.71	25.00	300.00	0.80	2.00	1.57	0.50	9.00	30.00	19.00	1.60	1.92		0.85	618.00
TL13316	104.5	105.5	1328522	0.60	6.64	32.00	310.00	0.90	2.00	1.62	0.50	9.00	38.00	34.00	2.16	2.08		1.02	736.00
TL13316	105.5	106.5	1328523	0.70	6.84	30.00	280.00	0.90	2.00	1.91	0.50	7.00	13.00	14.00	1.79	1.77		0.91	758.00
TL13316	106.5	107.7	1328524	0.60	7.03	22.00	310.00	0.90	2.00	1.43	0.50	6.00	17.00	25.00	1.67	2.16		0.79	577.00
TL13316	107.7	109.2	1328525	0.50	7.38	20.00	420.00	0.90	3.00	1.55	0.50	4.00	7.00	20.00	1.39	2.44		0.91	655.00
TL13316	109.2	110.2	1328526	2.00	7.12	23.00	430.00	1.00	4.00	0.82	1.10	4.00	7.00	41.00	0.98	3.27		0.70	307.00
TL13316	110.2	111.7	1328527	0.80	6.91	12.00	360.00	0.90	2.00	1.49	0.50	4.00	9.00	18.00	1.36	2.54		0.99	443.00
TL13316	111.7	113.2	1328528	0.50	7.83	22.00	360.00	1.00	2.00	1.57	0.50	4.00	9.00	12.00	1.28	2.99		1.13	473.00
TL13316	113.2	114.7	1328529	0.50	7.22	25.00	330.00	1.00	2.00	1.96	0.50	7.00	10.00	13.00	1.54	2.75		1.09	617.00
TL13316	114.7	116.2	1328531	0.60	7.18	20.00	320.00	0.90	3.00	2.05	0.50	4.00	8.00	23.00	1.38	3.02		1.14	713.00
TL13316	116.2	117.7	1328532	0.50	7.66	29.00	330.00	1.00	3.00	1.71	0.50	4.00	7.00	14.00	1.38	3.29		1.07	716.00
TL13316	117.7	119.2	1328533	1.20	7.17	31.00	310.00	0.90	2.00	1.49	0.50	4.00	7.00	6.00	1.33	3.01		1.05	722.00
TL13316	119.2	120.7	1328534	1.40	7.14	39.00	390.00	0.90	2.00	1.83	0.50	5.00	7.00	10.00	1.41	3.23		1.04	737.00
TL13316	120.7	122.2	1328535	0.70	7.13	33.00	400.00	0.90	2.00	1.82	0.50	4.00	6.00	12.00	1.40	2.97		0.95	622.00
TL13316	120.7	122.2	1328536	0.80	7.00	32.00	430.00	0.90	2.00	1.70	0.50	3.00	6.00	13.00	1.37	2.97		0.89	572.00
TL13316	122.2	123.7	1328537	0.50	7.07	24.00	400.00	0.90	2.00	1.28	0.50	5.00	6.00	4.00	1.17	2.94		0.69	388.00
TL13316	123.7	125.2	1328538	0.50	7.22	32.00	440.00	0.90	2.00	1.61	0.50	4.00	7.00	6.00	1.17	2.67		0.84	541.00
TL13316	125.2	126.7	1328539	0.60	7.48	18.00	530.00	0.90	2.00	1.66	0.50	5.00	7.00	5.00	1.15	3.10		0.72	472.00
TL13316	126.7	128.2	1328541	0.60	7.20	21.00	410.00	0.80	2.00	1.83	0.50	7.00	8.00	5.00	1.33	2.23		0.72	378.00
TL13316	128.2	129.7	1328542	0.50	7.22	21.00	390.00	0.90	2.00	1.81	0.50	4.00	7.00	4.00	1.59	2.10		0.78	406.00
TL13316	129.7	131.2	1328543	0.50	7.30	13.00	450.00	0.80	2.00	1.83	0.50	4.00	6.00	4.00	1.41	2.12		0.66	377.00
TL13316	147.0	148.5	1328544	0.50	7.29	19.00	460.00	1.20	2.00	1.81	0.50	3.00	7.00	6.00	1.34	3.48		1.20	721.00
TL13316	148.5	150.0	1328545	0.90	7.04	15.00	430.00	1.10	3.00	2.79	0.70	3.00	6.00	25.00	1.87	3.25		1.92	1365.00
TL13316	150.0	151.5	1328546	0.50	7.25	12.00	540.00	1.20	2.00	1.80	0.50	4.00	6.00	5.00	1.56	3.15		1.39	695.00
TL13316	151.5	153.0	1328547	0.50	7.13	21.00	810.00	1.20	2.00	1.13	0.70	3.00	6.00	22.00	1.51	3.58		1.07	538.00
TL13316	153.0	154.5	1328548	1.60	8.03	35.00	840.00	1.10	2.00	2.74	1.00	18.00	107.00	62.00	3.46	3.07		1.43	842.00
TL13316	154.5	156.0	1328549	0.50	7.46	45.00	750.00	1.10	2.00	1.48	0.50	7.00	9.00	15.00	1.41	3.37		1.17	577.00
TL13316	156.0	157.5	1328551	0.50	7.25	32.00	580.00	1.10	2.00	1.14	0.50	4.00	6.00	5.00	1.85	3.30		0.85	562.00
TL13316	157.5	159.0	1328552	10.60	7.13	26.00	570.00	1.00	2.00	0.95	0.50	7.00	7.00	31.00	2.48	3.24		0.99	493.00
TL13316	159.0	160.5	1328553	0.50	7.88	30.00	560.00	1.00	2.00	1.30	0.50	6.00	7.00	10.00	2.14	3.36		1.29	492.00
TL13316	160.5	162.0	1328554	0.50	8.16	24.00	740.00	0.90	2.00	1.84	0.50	7.00	7.00	11.00	2.24	4.13		1.68	700.00
TL13316	162.0	163.5	1328555	0.50	7.51	22.00	620.00	0.70	2.00	3.98	0.50	6.00	5.00	15.00	1.68	3.30		1.19	629.00
TL13316	162.0	163.5	1328556	0.50	7.37	23.00	660.00	0.70	2.00	3.50	0.50	5.00	5.00	14.00	1.67	3.42		1.23	627.00
TL13316	163.5	165.0	1328557	0.50	6.81	14.00	470.00	0.90	2.00	6.25	0.50	5.00	5.00	13.00	1.26	1.87		1.07	690.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13316	97.5	98.5	1328515	1.00	2.00	410.00	16.00	0.31	5.00			119.00		10.00	26.00	10.00		15.00
TL13316	98.5	100.0	1328517	1.00	1.00	390.00	14.00	0.21	5.00			122.00		10.00	27.00	10.00		27.00
TL13316	100.0	101.5	1328518	1.00	1.00	380.00	19.00	0.28	5.00			121.00		10.00	29.00	10.00		31.00
TL13316	101.5	103.0	1328519	1.00	1.00	360.00	24.00	0.22	5.00			107.00		10.00	28.00	10.00		22.00
TL13316	103.0	104.5	1328521	1.00	14.00	370.00	17.00	0.72	5.00			115.00		10.00	35.00	10.00		42.00
TL13316	104.5	105.5	1328522	1.00	15.00	450.00	13.00	1.03	5.00			112.00		10.00	47.00	10.00		63.00
TL13316	105.5	106.5	1328523	1.00	8.00	360.00	13.00	0.91	5.00			131.00		10.00	28.00	10.00		41.00
TL13316	106.5	107.7	1328524	1.00	8.00	380.00	14.00	1.05	5.00			114.00		10.00	31.00	10.00		43.00
TL13316	107.7	109.2	1328525	1.00	4.00	370.00	26.00	0.70	5.00			119.00		10.00	26.00	10.00		46.00
TL13316	109.2	110.2	1328526	1.00	3.00	380.00	155.00	0.60	5.00			71.00		10.00	27.00	10.00		490.00
TL13316	110.2	111.7	1328527	1.00	4.00	380.00	24.00	0.51	5.00			116.00		10.00	28.00	10.00		73.00
TL13316	111.7	113.2	1328528	1.00	1.00	450.00	25.00	0.46	5.00			128.00		10.00	31.00	10.00		57.00
TL13316	113.2	114.7	1328529	1.00	7.00	430.00	40.00	1.01	5.00			136.00		10.00	30.00	10.00		210.00
TL13316	114.7	116.2	1328531	1.00	1.00	380.00	13.00	0.58	5.00			111.00		10.00	27.00	10.00		103.00
TL13316	116.2	117.7	1328532	1.00	2.00	380.00	24.00	0.71	5.00			81.00		10.00	28.00	10.00		52.00
TL13316	117.7	119.2	1328533	1.00	2.00	360.00	47.00	0.79	5.00			65.00		10.00	24.00	10.00		88.00
TL13316	119.2	120.7	1328534	1.00	3.00	370.00	90.00	0.75	5.00			77.00		10.00	25.00	10.00		68.00
TL13316	120.7	122.2	1328535	1.00	2.00	370.00	13.00	0.72	5.00			89.00		10.00	25.00	10.00		46.00
TL13316	120.7	122.2	1328536	1.00	2.00	350.00	20.00	0.75	5.00			87.00		10.00	23.00	10.00		43.00
TL13316	122.2	123.7	1328537	1.00	2.00	380.00	7.00	0.72	5.00			73.00		10.00	26.00	10.00		23.00
TL13316	123.7	125.2	1328538	1.00	3.00	370.00	11.00	0.63	5.00			84.00		10.00	27.00	10.00		30.00
TL13316	125.2	126.7	1328539	1.00	4.00	370.00	13.00	0.53	5.00			103.00		10.00	27.00	10.00		24.00
TL13316	126.7	128.2	1328541	1.00	5.00	380.00	7.00	0.51	5.00			115.00		10.00	27.00	10.00		315.00
TL13316	128.2	129.7	1328542	1.00	4.00	380.00	10.00	0.79	5.00			132.00		10.00	28.00	10.00		65.00
TL13316	129.7	131.2	1328543	1.00	2.00	390.00	7.00	0.49	5.00			132.00		10.00	26.00	10.00		31.00
TL13316	147.0	148.5	1328544	1.00	1.00	370.00	25.00	0.38	5.00			75.00		10.00	26.00	10.00		43.00
TL13316	148.5	150.0	1328545	1.00	3.00	360.00	151.00	0.83	5.00			106.00		10.00	25.00	10.00		306.00
TL13316	150.0	151.5	1328546	1.00	1.00	370.00	77.00	0.30	5.00			62.00		10.00	27.00	10.00		110.00
TL13316	151.5	153.0	1328547	1.00	2.00	390.00	54.00	0.79	5.00			80.00		10.00	28.00	10.00		314.00
TL13316	153.0	154.5	1328548	1.00	53.00	500.00	90.00	1.75	5.00			85.00		10.00	86.00	10.00		512.00
TL13316	154.5	156.0	1328549	1.00	12.00	580.00	37.00	0.48	5.00			80.00		10.00	53.00	10.00		105.00
TL13316	156.0	157.5	1328551	1.00	4.00	550.00	12.00	1.37	5.00			73.00		10.00	34.00	10.00		48.00
TL13316	157.5	159.0	1328552	1.00	6.00	550.00	210.00	2.01	5.00			51.00		10.00	35.00	10.00		188.00
TL13316	159.0	160.5	1328553	1.00	5.00	600.00	5.00	1.44	5.00			50.00		10.00	38.00	10.00		18.00
TL13316	160.5	162.0	1328554	1.00	6.00	620.00	4.00	1.02	5.00			68.00		10.00	41.00	10.00		13.00
TL13316	162.0	163.5	1328555	1.00	5.00	540.00	9.00	0.68	5.00			65.00		10.00	34.00	10.00		12.00
TL13316	162.0	163.5	1328556	1.00	3.00	550.00	12.00	0.62	5.00			68.00		10.00	35.00	10.00		12.00
TL13316	163.5	165.0	1328557	1.00	2.00	270.00	11.00	0.53	5.00			44.00		10.00	22.00	10.00		41.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13316	165.0	166.5	1328558	0.50	7.37	7.00	730.00	1.00	2.00	1.77	0.50	5.00	5.00	26.00	1.45	2.61		1.73	629.00
TL13316	166.5	168.0	1328559	0.50	7.45	9.00	630.00	0.90	2.00	1.41	0.50	4.00	6.00	11.00	1.43	2.74		1.80	490.00
TL13316	168.0	169.0	1328561	2.70	6.90	16.00	590.00	0.70	2.00	1.66	4.00	3.00	5.00	107.00	1.61	2.18		1.79	659.00
TL13316	169.0	170.5	1328562	0.50	7.37	19.00	560.00	0.90	2.00	1.78	0.50	5.00	6.00	22.00	1.42	2.06		1.70	533.00
TL13316	195.5	197.0	1328563	1.80	7.18	23.00	560.00	1.00	2.00	1.66	0.60	4.00	6.00	48.00	1.38	2.79		1.84	630.00
TL13316	197.0	198.5	1328564	1.10	6.82	45.00	590.00	0.80	2.00	1.31	0.60	4.00	5.00	27.00	1.82	3.03		1.68	613.00
TL13316	198.5	200.0	1328565	0.50	7.23	86.00	600.00	0.80	2.00	1.22	1.40	4.00	6.00	28.00	1.43	3.22		1.17	418.00
TL13316	200.0	201.0	1328566	0.50	7.47	25.00	600.00	1.00	2.00	1.75	0.50	5.00	6.00	13.00	1.40	2.79		1.32	622.00
TL13316	201.0	202.0	1328567	7.40	6.70	82.00	510.00	0.90	2.00	0.75	5.80	4.00	7.00	165.00	1.79	3.01		0.68	231.00
TL13316	202.0	203.5	1328568	11.60	7.18	89.00	600.00	0.90	3.00	0.38	4.80	4.00	5.00	67.00	1.22	3.42		0.47	121.00
TL13316	203.5	204.5	1328569	0.60	7.86	25.00	670.00	1.00	2.00	0.29	0.50	5.00	7.00	10.00	1.03	3.73		0.39	80.00
TL13316	204.5	205.8	1328571	0.80	6.65	37.00	520.00	0.70	2.00	0.67	0.60	4.00	7.00	52.00	0.99	2.87		0.59	140.00
TL13316	205.8	207.3	1328572	0.70	7.42	46.00	360.00	1.10	2.00	1.46	0.60	19.00	106.00	33.00	3.99	2.71		2.18	521.00
TL13316	207.3	208.8	1328573	1.50	6.93	65.00	330.00	1.00	2.00	0.95	0.50	16.00	104.00	37.00	4.12	2.75		1.81	506.00
TL13316	208.8	210.0	1328574	3.20	7.16	44.00	510.00	1.50	2.00	1.30	0.60	18.00	106.00	53.00	3.77	2.82		1.86	599.00
TL13316	210.0	210.5	1328575	49.50	6.52	87.00	490.00	1.20	2.00	0.68	4.90	17.00	99.00	253.00	3.34	2.62		1.16	263.00
TL13316	210.5	212.0	1328576	2.00	6.99	36.00	360.00	1.30	2.00	0.76	0.50	16.00	106.00	36.00	3.38	2.45		2.94	505.00
TL13316	210.5	212.0	1328577	1.30	6.93	40.00	330.00	1.30	2.00	0.78	1.10	17.00	102.00	37.00	3.56	2.36		3.13	534.00
TL13316	212.0	213.0	1328578	1.30	7.08	40.00	320.00	0.90	2.00	1.09	0.50	18.00	110.00	56.00	4.51	2.61		3.24	513.00
TL13316	213.0	214.0	1328579	1.40	7.50	60.00	400.00	0.90	4.00	0.47	0.90	11.00	46.00	28.00	2.17	3.41		0.43	80.00
TL13316	214.0	215.0	1328581	2.20	7.73	28.00	440.00	1.20	2.00	1.06	5.80	8.00	19.00	49.00	1.69	3.27		0.81	235.00
TL13316	215.0	216.0	1328582	1.10	7.66	35.00	390.00	1.10	3.00	1.94	0.80	13.00	66.00	104.00	3.06	2.68		1.86	533.00
TL13316	216.0	217.0	1328583	9.10	7.40	51.00	460.00	0.80	2.00	1.00	8.30	14.00	62.00	76.00	2.94	3.24		1.80	344.00
TL13316	217.0	218.0	1328584	0.50	7.89	41.00	580.00	0.60	2.00	1.27	0.70	7.00	14.00	5.00	1.81	3.29		1.17	302.00
TL13316	218.0	219.0	1328585	0.50	7.32	31.00	530.00	0.80	2.00	0.97	0.50	5.00	7.00	9.00	1.25	3.12		0.98	267.00
TL13316	219.0	220.0	1328586	1.00	7.89	21.00	630.00	0.50	2.00	0.37	2.40	5.00	5.00	12.00	0.97	3.55		0.50	106.00
TL13316	220.0	221.0	1328587	0.70	7.78	22.00	640.00	0.50	2.00	1.19	0.50	5.00	5.00	5.00	1.34	3.21		1.13	245.00
TL13316	221.0	222.0	1328588	0.50	7.66	31.00	650.00	0.90	2.00	1.27	0.50	4.00	5.00	16.00	1.38	3.25		1.69	295.00
TL13316	222.0	223.0	1328589	0.50	7.14	23.00	530.00	0.90	2.00	0.81	0.50	4.00	5.00	12.00	1.38	2.67		2.44	278.00
TL13316	223.0	224.0	1328591	0.50	7.00	47.00	430.00	1.00	2.00	0.68	0.50	4.00	5.00	14.00	1.49	2.60		2.95	288.00
TL13316	224.0	225.0	1328592	0.50	7.00	28.00	590.00	0.60	2.00	1.09	0.50	4.00	5.00	6.00	1.31	3.20		1.65	266.00
TL13316	225.0	226.0	1328593	6.50	7.35	85.00	570.00	0.90	2.00	1.59	1.40	4.00	6.00	26.00	1.45	2.86		1.13	367.00
TL13316	226.0	227.0	1328594	1.00	7.50	33.00	610.00	1.00	2.00	1.88	0.50	5.00	6.00	15.00	1.41	2.83		1.31	430.00
TL13316	227.0	228.0	1328596	0.90	7.91	26.00	700.00	0.80	2.00	0.69	0.50	4.00	4.00	5.00	1.20	3.74		0.59	167.00
TL13316	227.0	228.0	1328595	1.10	7.74	31.00	660.00	0.80	2.00	0.92	0.50	4.00	4.00	7.00	1.17	3.52		0.67	196.00
TL13316	228.0	229.0	1328597	0.50	7.59	28.00	740.00	0.90	3.00	1.30	0.50	4.00	5.00	17.00	1.30	3.18		0.94	326.00
TL13316	229.0	230.0	1328598	0.50	7.54	28.00	770.00	1.10	2.00	1.89	0.50	4.00	6.00	11.00	1.47	2.79		1.20	498.00
TL13316	230.0	231.0	1328599	1.70	7.18	56.00	660.00	1.10	2.00	1.00	0.50	5.00	6.00	11.00	1.48	3.10		0.71	277.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13316	165.0	166.5	1328558	1.00	2.00	340.00	34.00	0.34	5.00			101.00		10.00	25.00	10.00		69.00
TL13316	166.5	168.0	1328559	1.00	4.00	390.00	21.00	0.31	5.00			94.00		10.00	25.00	10.00		59.00
TL13316	168.0	169.0	1328561	1.00	3.00	320.00	1290.00	0.78	5.00			101.00		10.00	22.00	10.00		1640.00
TL13316	169.0	170.5	1328562	1.00	4.00	340.00	35.00	0.50	5.00			109.00		10.00	23.00	10.00		45.00
TL13316	195.5	197.0	1328563	1.00	3.00	340.00	123.00	0.39	5.00			84.00		10.00	23.00	10.00		297.00
TL13316	197.0	198.5	1328564	1.00	4.00	350.00	266.00	1.21	5.00			35.00		10.00	23.00	10.00		224.00
TL13316	198.5	200.0	1328565	1.00	3.00	340.00	18.00	0.99	5.00			22.00		10.00	24.00	10.00		491.00
TL13316	200.0	201.0	1328566	1.00	4.00	350.00	52.00	0.87	5.00			64.00		10.00	25.00	10.00		95.00
TL13316	201.0	202.0	1328567	1.00	4.00	400.00	768.00	1.77	37.00			36.00		10.00	22.00	10.00		1770.00
TL13316	202.0	203.5	1328568	1.00	4.00	510.00	326.00	1.11	26.00			33.00		10.00	24.00	10.00		1630.00
TL13316	203.5	204.5	1328569	1.00	5.00	610.00	65.00	0.74	5.00			38.00		10.00	27.00	10.00		109.00
TL13316	204.5	205.8	1328571	1.00	4.00	490.00	84.00	0.57	5.00			44.00		10.00	24.00	10.00		208.00
TL13316	205.8	207.3	1328572	1.00	60.00	590.00	100.00	2.36	5.00			64.00		10.00	83.00	10.00		232.00
TL13316	207.3	208.8	1328573	1.00	55.00	490.00	193.00	2.64	5.00			46.00		10.00	75.00	10.00		293.00
TL13316	208.8	210.0	1328574	1.00	55.00	500.00	248.00	1.91	5.00			49.00		10.00	75.00	10.00		200.00
TL13316	210.0	210.5	1328575	1.00	54.00	530.00	1810.00	2.43	19.00			34.00		10.00	66.00	10.00		1000.00
TL13316	210.5	212.0	1328576	1.00	55.00	500.00	99.00	0.74	5.00			31.00		10.00	82.00	10.00		167.00
TL13316	210.5	212.0	1328577	1.00	56.00	480.00	103.00	0.74	5.00			30.00		10.00	81.00	10.00		247.00
TL13316	212.0	213.0	1328578	1.00	60.00	600.00	106.00	1.55	5.00			28.00		10.00	86.00	10.00		174.00
TL13316	213.0	214.0	1328579	1.00	22.00	500.00	162.00	1.89	5.00			31.00		10.00	51.00	10.00		314.00
TL13316	214.0	215.0	1328581	1.00	13.00	530.00	299.00	1.17	5.00			41.00		10.00	43.00	10.00		2040.00
TL13316	215.0	216.0	1328582	1.00	36.00	520.00	203.00	1.27	5.00			45.00		10.00	61.00	10.00		346.00
TL13316	216.0	217.0	1328583	1.00	36.00	590.00	1070.00	1.60	6.00			39.00		10.00	65.00	10.00		2260.00
TL13316	217.0	218.0	1328584	1.00	8.00	610.00	105.00	1.35	5.00			49.00		10.00	42.00	10.00		377.00
TL13316	218.0	219.0	1328585	1.00	6.00	510.00	74.00	0.74	5.00			40.00		10.00	31.00	10.00		59.00
TL13316	219.0	220.0	1328586	1.00	3.00	380.00	121.00	0.71	5.00			35.00		10.00	27.00	10.00		694.00
TL13316	220.0	221.0	1328587	1.00	3.00	390.00	92.00	0.97	5.00			52.00		10.00	26.00	10.00		87.00
TL13316	221.0	222.0	1328588	1.00	3.00	350.00	47.00	0.74	5.00			50.00		10.00	27.00	10.00		55.00
TL13316	222.0	223.0	1328589	1.00	3.00	350.00	25.00	0.54	5.00			42.00		10.00	25.00	10.00		50.00
TL13316	223.0	224.0	1328591	1.00	3.00	370.00	17.00	0.55	5.00			32.00		10.00	24.00	10.00		54.00
TL13316	224.0	225.0	1328592	1.00	2.00	340.00	34.00	0.74	5.00			44.00		10.00	25.00	10.00		58.00
TL13316	225.0	226.0	1328593	1.00	3.00	330.00	193.00	1.15	21.00			53.00		10.00	24.00	10.00		619.00
TL13316	226.0	227.0	1328594	1.00	3.00	350.00	37.00	0.92	5.00			66.0		10.00	26.00	10.00		116.00
TL13316	227.0	228.0	1328596	1.00	3.00	370.00	19.00	0.91	5.00			32.00		10.00	26.00	10.00		28.00
TL13316	227.0	228.0	1328595	1.00	3.00	350.00	18.00	0.87	5.00			37.00		10.00	25.00	10.00		32.00
TL13316	228.0	229.0	1328597	1.00	2.00	360.00	20.00	0.94	5.00			57.00		10.00	26.00	10.00		66.00
TL13316	229.0	230.0	1328598	1.00	3.00	350.00	24.00	1.04	5.00			68.00		10.00	25.00	10.00		53.00
TL13316	230.0	231.0	1328599	1.00	3.00	540.00	117.00	1.28	10.00			55.00		10.00	24.00	10.00		93.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13316	231.0	232.0	1328601	1.00	7.70	99.00	530.00	1.40	2.00	0.24	0.50	17.00	110.00	41.00	2.50	3.86		0.36	43.00
TL13316	232.0	233.0	1328602	0.70	8.37	15.00	450.00	1.90	2.00	2.04	0.50	21.00	128.00	59.00	4.03	3.08		1.71	702.00
TL13316	233.0	234.0	1328603	0.50	7.74	66.00	420.00	1.60	2.00	1.87	0.50	12.00	54.00	38.00	2.95	2.90		1.31	635.00
TL13316	234.0	235.0	1328604	7.40	7.43	62.00	510.00	1.20	2.00	1.14	2.20	8.00	12.00	131.00	1.97	3.25		0.85	393.00
TL13316	235.0	236.0	1328605	18.50	6.67	48.00	450.00	1.20	3.00	1.64	1.00	5.00	10.00	89.00	1.36	2.51		0.96	475.00
TL13316	236.0	237.0	1328606	0.60	7.08	30.00	540.00	1.20	2.00	1.53	0.50	6.00	9.00	9.00	1.38	2.75		0.96	439.00
TL13316	237.0	238.0	1328607	1.70	6.68	43.00	630.00	1.10	2.00	0.95	2.50	6.00	10.00	38.00	1.52	2.92		0.66	313.00
TL13316	238.0	239.0	1328608	2.40	7.08	41.00	690.00	1.20	2.00	0.55	1.90	6.00	12.00	74.00	1.23	3.43		0.47	174.00
TL13316	239.0	240.0	1328609	0.50	8.21	36.00	630.00	1.30	2.00	2.19	0.50	7.00	11.00	13.00	1.99	3.24		1.53	546.00
TL13316	240.0	241.0	1328611	0.70	7.62	39.00	590.00	1.30	2.00	2.25	1.00	6.00	10.00	14.00	1.79	3.19		1.37	555.00
TL13316	241.0	242.0	1328612	1.30	7.78	38.00	620.00	1.20	2.00	2.18	0.70	6.00	11.00	12.00	1.83	3.24		1.45	586.00
TL13316	242.0	243.3	1328613	1.90	7.78	64.00	640.00	1.10	2.00	2.02	2.60	8.00	11.00	28.00	2.33	3.29		1.25	528.00
TL13316	243.3	244.8	1328614	0.50	7.74	23.00	670.00	1.20	2.00	2.44	0.50	6.00	11.00	5.00	1.75	3.31		1.29	518.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13316	231.0	232.0	1328601	1.00	58.00	990.00	67.00	2.32	5.00			25.00		10.00	90.00	10.00		87.00
TL13316	232.0	233.0	1328602	1.00	66.00	550.00	59.00	1.17	5.00			59.00		10.00	104.00	10.00		97.00
TL13316	233.0	234.0	1328603	1.00	33.00	470.00	81.00	1.85	7.00			67.00		10.00	59.00	10.00		78.00
TL13316	234.0	235.0	1328604	1.00	10.00	510.00	386.00	1.55	8.00			36.00		10.00	40.00	10.00		868.00
TL13316	235.0	236.0	1328605	1.00	6.00	400.00	1940.00	0.69	17.00			52.00		10.00	33.00	10.00		244.00
TL13316	236.0	237.0	1328606	1.00	6.00	470.00	44.00	0.79	5.00			62.00		10.00	39.00	10.00		99.00
TL13316	237.0	238.0	1328607	1.00	7.00	480.00	247.00	1.22	18.00			52.00		10.00	35.00	10.00		820.00
TL13316	238.0	239.0	1328608	1.00	6.00	460.00	233.00	0.87	5.00			40.00		10.00	36.00	10.00		625.00
TL13316	239.0	240.0	1328609	1.00	8.00	600.00	117.00	0.73	5.00			78.00		10.00	42.00	10.00		189.00
TL13316	240.0	241.0	1328611	1.00	6.00	580.00	187.00	0.73	5.00			79.00		10.00	37.00	10.00		359.00
TL13316	241.0	242.0	1328612	1.00	6.00	530.00	98.00	0.64	5.00			59.00		10.00	38.00	10.00		281.00
TL13316	242.0	243.3	1328613	1.00	10.00	510.00	154.00	1.38	5.00			81.00		10.00	39.00	10.00		1010.00
TL13316	243.3	244.8	1328614	1.00	6.00	540.00	42.00	0.49	5.00			85.00		10.00	38.00	10.00		77.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13316	21.2	35.8	14.6	PY	ST	1	1% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13316	21.2	35.8	14.6	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13316	35.8	59.7	23.9	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	35.8	59.7	23.9	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	35.8	59.7	23.9	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13316	35.8	59.7	23.9	PY	BDS	1	1% bleb-diss py throughout the interval
TL13316	49.5	51.0	1.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13316	59.7	66.2	6.5	PY	DISS	1	1% disseminated py
TL13316	59.7	66.2	6.5	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	59.7	66.2	6.5	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	66.2	89.7	23.5	PY	ST	0.1	Trace to 1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13316	66.2	89.7	23.5	PY	DISS	1	1% disseminated py throughout the interval
TL13316	66.2	89.7	23.5	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13316	89.7	98.5	8.8	PY	DISS	0.1	Trace disseminated py
TL13316	98.5	156.0	57.5	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13316	98.5	156.0	57.5	PY	DISS	1	1% disseminated py throughout the interval
TL13316	98.5	156.0	57.5	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13316	156.0	164.8	8.8	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13316	156.0	164.8	8.8	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13316	164.8	197.1	32.3	PY	DISS	1	1% disseminated py throughout the interval
TL13316	164.8	197.1	32.3	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13316	164.8	197.1	32.3	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13316	164.8	197.1	32.3	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation and along margins of qtz-amph veins
TL13316	168.6	168.8	0.2	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers
TL13316	197.1	205.8	8.7	PY	DISS	1	1% disseminated py throughout the interval
TL13316	197.1	205.8	8.7	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	197.1	205.8	8.7	SPH	ST	1	1% sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13316	197.1	205.8	8.7	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13316	197.1	205.8	8.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13316	201.1	201.3	0.1	AU	BLB	0.1	Trace possible VG speck <1mm in size found at 201.18m depth in a smokey grey qtz vein w/ sph, gal, py and cpy
TL13316	205.8	212.9	7.1	PB	BLB	0.1	Trace gal blebs found associated w/ sph and cpy in irregular smokey grey qtz veins
TL13316	205.8	212.9	7.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of smokey grey irregular qtz-veins
TL13316	205.8	212.9	7.1	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliations
TL13316	205.8	212.9	7.1	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13316	205.8	212.9	7.1	PY	DISS	1	1% disseminated py throughout the interval
TL13316	210.0	210.2	0.2	AU	BLB	0.1	Trace possible VG speck 1mm in size found w/ gal, cpy and sph in a smokey grey irregular qtz vein found at 210.09m depth
TL13316	212.9	243.3	30.4	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13316	212.9	243.3	30.4	PB	BLB	1	Trace gal blebs found associated w/ sph mineralization and in irregular milky white qtz veins
TL13316	212.9	243.3	30.4	PY	DISS	1	1% disseminated py throughout the interval
TL13316	212.9	243.3	30.4	PY	ST	2	2% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	212.9	243.3	30.4	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	212.9	243.3	30.4	PO	ST	0.1	Trace po in 1-2mm wide stringers oriented semi-parallel to foliation
TL13316	243.3	270.0	26.7	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13316	243.3	270.0	26.7	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13316	243.3	270.0	26.7	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13316	21.2	35.8	14.6	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13316	25.4	28.0	2.6	FTZ	Moderate	35	Moderate fault zone oriented along foliation and infilled w/ gouge
TL13316	33.5	33.7	0.2	Fold	Strong	10	Strong F2 folding oriented at 10 deg TCA
TL13316	35.8	59.7	23.9	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13316	35.8	59.7	23.9	FR	Very Weak	65	V. weak fracture set cross cutting foliation at 65 deg TCA
TL13316	59.7	66.2	6.5	FR	Very Weak	30	V. weak fracture cross cutting foliation at 30 deg TCA w/ 1cm dextral displacement
TL13316	59.7	66.2	6.5	FR	Weak	60	Weak fracture set cross cutting foliation at 60 deg TCA infilled w/ qtz
TL13316	59.7	66.2	6.5	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13316	66.2	70.7	4.5	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13316	66.2	89.7	23.5	FR	Weak	65	Weak fracture set cross cutting foliation at 65 deg TCA infilled w/ qtz
TL13316	70.7	89.7	19.0	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13316	89.7	95.3	5.5	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13316	93.0	95.5	2.5	FTZ	Strong	40	Strong fault zone sheared along foliation
TL13316	95.3	98.5	3.3	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13316	98.5	105.0	6.5	FOL	Very Strong	35	V. strong foliation at 35 deg TCA
TL13316	98.5	156.0	57.5	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13316	105.0	108.0	3.0	FOL	Very Strong	45	V. strong foliation at 45 deg TCA
TL13316	108.0	127.9	19.9	FOL	Very Strong	35	V. strong foliation at 35 deg TCA
TL13316	124.6	124.8	0.2	Fold	Moderate	15	Moderate F2 folding oriented at 15 deg TCA
TL13316	127.9	156.0	28.1	FOL	Very Strong	40	V. strong foliation at 40 deg TCA
TL13316	156.0	161.0	5.0	FR	Strong	40	Strongly fractured along foliations
TL13316	156.0	164.8	8.8	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13316	164.8	197.1	32.3	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13316	164.8	197.1	32.3	FOL	Moderate	40	Moderate foliation at 40 deg TCA
TL13316	164.8	197.1	32.3	FR	Weak	60	Weak fracture set cross cutting foliation at 60 deg TCA
TL13316	170.4	170.6	0.2	FTZ	Very Weak	50	V. weak fault zone cross cutting foiation at 50 deg TCA and infilled w/ gouge
TL13316	197.1	201.1	4.1	FOL	Moderate	45	Moderate foliation at 45 deg TCA
TL13316	201.1	205.8	4.7	FOL	Moderate	40	Moderate foliation at 40 deg TCA
TL13316	205.8	212.9	7.1	FOL	Moderate	40	Moderate foliation at 40 deg TCA
TL13316	205.8	212.9	7.1	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13316	212.9	216.8	3.9	FOL	Strong	45	Strong foliation at 45 deg TCA
TL13316	212.9	243.3	30.4	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13316	212.9	243.3	30.4	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13316	216.8	237.0	20.2	FOL	Moderate	40	Moderate foliation at 40 deg TCA
TL13316	237.0	243.3	6.3	FOL	Strong	45	Strong foliation at 45 deg TCA
TL13316	243.3	270.0	26.7	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13316	243.3	270.0	26.7	FR	Very Weak	70	V. weak fracture set cross cutting foliationat 70 deg TCA

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13316	243.3	270.0	26.7	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13316	243.3	270.0	26.7	FR	Weak	60	Weak fracture set cross cutting foliation at 60 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13316	21.2	25.5	4.3	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13316	21.2	35.8	14.6	SI	Patchy	Weak	Weak patchy silicification
TL13316	25.5	35.8	10.3	SR	Pervasive	Very Strong	V. strong pervasive ser alt 95% ser to 5% bio
TL13316	27.0	29.0	2.0	Potassic	Patchy	Very Weak	V. weak patchy potassic alteration throughout this interval
TL13316	35.8	59.7	23.9	SI	Patchy	Strong	Strong to very strong patchy silicification
TL13316	35.8	59.7	23.9	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13316	59.7	66.2	6.5	SI	Pervasive	Strong	Strong to very strong pervasive sil alt
TL13316	59.7	66.2	6.5	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13316	66.2	74.0	7.8	SI	Patchy	Moderate	Moderate patchy sil alt
TL13316	66.2	89.7	23.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 15-20% ser to 80-85% bio
TL13316	74.0	77.7	3.7	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13316	77.7	89.7	12.1	SI	Patchy	Moderate	Moderate patchy sil alt
TL13316	89.7	98.5	8.8	SI	Patchy	Moderate	Moderate patchy silicification
TL13316	89.7	98.5	8.8	SR	Patchy	Very Strong	Strong to V. strong patchy ser alt, 80% ser to 20% bio
TL13316	98.5	109.0	10.5	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13316	98.5	121.2	22.7	SI	Patchy	Moderate	Moderate patchy sil alt
TL13316	109.0	126.0	17.0	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13316	121.2	126.0	4.8	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13316	126.0	142.0	16.0	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13316	126.0	156.0	30.0	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13316	142.0	156.0	14.0	SI	Patchy	Strong	Strong patchy sil alt
TL13316	156.0	164.8	8.8	SR	Patchy	Very Strong	V. strong ser alt, 80% ser to 20% bio
TL13316	156.0	164.8	8.8	SI	Patchy	Strong	Strong patchy sil alt
TL13316	156.0	164.8	8.8	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13316	164.8	171.5	6.7	SR	Patchy	Weak	Weak patchy ser alt 30% ser to 70% bio
TL13316	164.8	191.0	26.2	SI	Patchy	Strong	Strong patchy sil alt
TL13316	171.5	197.1	25.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13316	191.0	197.1	6.1	SI	Patchy	Very Weak	V. weak patchy sil alt
TL13316	197.1	205.8	8.7	SI	Patchy	Weak	Weak patchy sil alt
TL13316	197.1	205.8	8.7	SR	Patchy	Very Strong	V. strong patchy to semi-pervasive ser alt, 90% ser to 10% bio
TL13316	205.8	212.9	7.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13316	205.8	212.9	7.1	SI	Patchy	Moderate	Moderate patchy sil alt
TL13316	212.9	243.3	30.4	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13316	212.9	243.3	30.4	SI	Patchy	Weak	Weak patchy silicification
TL13316	243.3	247.0	3.7	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13316	243.3	270.0	26.7	SI	Patchy	Strong	Strong patchy silicification
TL13316	243.3	270.0	26.7	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13316	247.0	251.0	4.0	SR	Patchy	Very Strong	V. strong patch of ser alt, 90% ser to 10% bio
TL13316	251.0	270.0	19.1	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13316	24	27	3	2.8	1.16	93.33	38.67	50	
TL13316	27	30	3	3.01	1.17	100.33	39	50	
TL13316	30	33	3	2.95	1.21	98.33	40.33	20	
TL13316	33	36	3	3.06	1.77	102	59	18	
TL13316	36	39	3	2.97	2.97	99	99	6	
TL13316	39	42	3	3.04	2.15	101.33	71.67	6	
TL13316	42	45	3	2.95	2.82	98.33	94	5	
TL13316	45	48	3	3.01	2.67	100.33	89	10	
TL13316	48	51	3	3.03	1.85	101	61.67	30	
TL13316	51	54	3	3.01	2.25	100.33	75	14	
TL13316	54	57	3	2.97	2.69	99	89.67	12	
TL13316	57	60	3	3	2.71	100	90.33	10	
TL13316	60	63	3	3.02	2.59	100.67	86.33	12	
TL13316	63	66	3	2.94	2.42	98	80.67	9	
TL13316	66	69	3	2.96	2.22	98.67	74	11	
TL13316	69	72	3	3.03	2.49	101	83	10	
TL13316	72	75	3	3.05	2.19	101.67	73	15	
TL13316	75	78	3	2.94	2.07	98	69	13	
TL13316	78	81	3	2.98	2.22	99.33	74	13	
TL13316	81	84	3	2.97	1.4	99	46.67	14	
TL13316	84	87	3	2.95	2.04	98.33	68	16	
TL13316	87	90	3	3.03	2.22	101	74	13	
TL13316	90	93	3	3.07	2.14	102.33	71.33	15	
TL13316	93	96	3	3.04	0.65	101.33	21.67	50	SRP
TL13316	96	99	3	3.05	2.58	101.67	86	12	
TL13316	99	102	3	2.95	2.81	98.33	93.67	3	
TL13316	102	105	3	2.95	2.59	98.33	86.33	10	
TL13316	105	108	3	3	3	100	100	1	
TL13316	108	111	3	2.93	1.72	97.67	57.33	20	
TL13316	111	114	3	2.96	2.91	98.67	97	4	
TL13316	114	117	3	2.99	2.74	99.67	91.33	7	
TL13316	117	120	3	2.94	2.32	98	77.33	12	
TL13316	120	123	3	3.1	2.86	103.33	95.33	14	
TL13316	123	126	3	2.93	2.93	97.67	97.67	5	
TL13316	126	129	3	3.03	3.03	101	101	4	
TL13316	129	132	3	3.01	3.02	100.33	100.67	2	
TL13316	132	135	3	3.02	2.87	100.67	95.67	5	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13316	135	138	3	3	2.74	100	91.33	6	
TL13316	138	141	3	2.97	1.94	99	64.67	15	
TL13316	141	144	3	3.02	2.61	100.67	87	24	
TL13316	144	147	3	2.96	2.96	98.67	98.67	4	
TL13316	147	150	3	2.97	2.72	99	90.67	7	
TL13316	150	153	3	2.97	2.61	99	87	13	
TL13316	153	156	3	3.1	0.59	103.33	19.67	50	
TL13316	156	159	3	3.15	0.7	105	23.33	50	
TL13316	159	162	3	3.14	0.54	104.67	18	50	
TL13316	162	165	3	2.96	2.32	98.67	77.33	17	
TL13316	165	168	3	3.03	2.37	101	79	14	
TL13316	168	171	3	3.02	2.24	100.67	74.67	25	
TL13316	171	174	3	2.97	2.37	99	79	10	
TL13316	174	177	3	3.05	2.27	101.67	75.67	11	
TL13316	177	180	3	2.94	2.94	98	98	6	
TL13316	180	183	3	2.99	2.93	99.67	97.67	9	
TL13316	183	186	3	2.99	2.32	99.67	77.33	12	
TL13316	186	189	3	2.99	2.64	99.67	88	7	
TL13316	189	192	3	3.01	2.45	100.33	81.67	12	
TL13316	192	195	3	2.97	2.44	99	81.33	13	
TL13316	195	198	3	2.96	1.1	98.67	36.67	28	
TL13316	198	201	3	3.03	1.86	101	62	32	
TL13316	201	204	3	3.04	2.3	101.33	76.67	11	
TL13316	204	207	3	3	2.65	100	88.33	13	
TL13316	207	210	3	2.96	2.28	98.67	76	16	
TL13316	210	213	3	3.01	1.74	100.33	58	16	
TL13316	213	216	3	2.93	0.65	97.67	21.67	38	
TL13316	216	219	3	3.15	1.8	105	60	25	
TL13316	219	222	3	3.01	2.52	100.33	84	13	
TL13316	222	225	3	2.93	2.41	97.67	80.33	9	
TL13316	225	228	3	3.02	2.71	100.67	90.33	7	
TL13316	228	231	3	2.94	2.31	98	77	9	
TL13316	231	234	3	3.06	1.63	102	54.33	21	
TL13316	234	237	3	3.02	2.39	100.67	79.67	10	
TL13316	237	240	3	2.98	2.68	99.33	89.33	7	
TL13316	240	243	3	2.94	2.55	98	85	6	
TL13316	243	246	3	3	2.94	100	98	6	
TL13316	246	249	3	3.07	2.23	102.33	74.33	26	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13316	249	252	3	3	2.81	100	93.67	7	
TL13316	252	255	3	2.98	2.93	99.33	97.67	5	
TL13316	255	258	3	2.99	2.9	99.67	96.67	5	
TL13316	258	261	3	2.97	2.81	99	93.67	7	
TL13316	261	264	3	2.97	2.8	99	93.33	6	
TL13316	264	267	3	2.97	2.89	99	96.33	6	
TL13316	267	270	3	2.97	2.89	99	96.33	3	

Hole Number: TL13317

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
33.40	37.70	MSS, Muscovite Sericite Schist MSS from 33.4m-37.7m This MSS unit has very strong patchy sericitic alteration, and very strong patchy silicification at the start of the unit, turning into weak patchy silicification towards the end of the unit. This unit is well mineralized with 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers and trace galena blebs.	197002	33.40	34.90	1.50	0.06				
			197003	34.90	35.90	1.00	0.18				
			197004	35.90	36.90	1.00	0.04				
			197005	36.90	37.90	1.00	0.06				
37.70	52.90	BMS, Biotite Muscovite Schist	197006	37.90	39.00	1.10	0.05				
			197007	39.00	40.50	1.50	0.04				
			197008	40.50	42.00	1.50	0.06				
			197009	42.00	43.50	1.50	0.02				
			197011	43.50	45.00	1.50	0.05				
			197012	45.00	46.50	1.50	0.10				
			197013	46.50	48.00	1.50	0.24				
			197014	48.00	49.00	1.00	0.18				
			197016	49.00	50.00	1.00	0.37				
			197015	49.00	50.00	1.00	0.32				
			197017	50.00	51.50	1.50	0.10				
197018	51.50	53.00	1.50	0.01							
52.90	79.44	MSS, Muscovite Sericite Schist MSS headwall from 52.90m-79.44m This headwall MSS unit has very strong patchy sericitic alteration and strong pervasive silicification. This unit is very poorly mineralized with only trace disseminated pyrite, and trace pyrite in stringers.	197019	53.00	54.50	1.50	0.04				
			197021	54.50	56.00	1.50	0.00				
			197022	56.00	57.00	1.00	0.00				
			197023	57.00	58.50	1.50	0.00				
			197024	58.50	60.00	1.50	0.00				
			197025	60.00	61.50	1.50	0.00				
			197026	61.50	63.00	1.50	0.00				
			197027	63.00	64.50	1.50	0.00				
			197028	64.50	66.00	1.50	0.00				
			197029	66.00	67.50	1.50	0.00				
			197031	67.50	69.00	1.50	0.01				
			197032	69.00	70.60	1.60	0.00				
			197033	71.30	72.80	1.50	0.00				
			197034	72.80	73.80	1.00	0.00				
			197036	73.80	75.00	1.20	0.00				
197035	73.80	75.00	1.20	0.00							
197037	75.00	76.50	1.50	0.02							
197038	76.50	78.00	1.50	0.01							
197039	78.00	79.50	1.50	0.01							

DETAILED LOG

Hole Number: TL13317

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
79.44	139.48	BMS, Biotite Muscovite Schist	197041	79.50	81.00	1.50	0.00				
			197042	81.00	82.50	1.50	0.00				
			197043	82.50	84.00	1.50	0.00				
			197044	84.00	85.30	1.30	0.01				
			197045	86.26	87.26	1.00	0.03				
			197046	87.26	88.26	1.00	0.01				
			197047	109.00	110.50	1.50	0.03				
			197048	110.50	112.00	1.50	0.09				
			197049	112.00	113.50	1.50	0.16				
			197051	113.50	114.50	1.00	0.03				
			197052	114.50	115.50	1.00	0.02				
			197053	115.50	117.00	1.50	0.07				
			197054	117.00	118.50	1.50	0.13				
			197055	118.50	120.00	1.50	0.00				
			197056	118.50	120.00	1.50	0.01				
			197057	120.00	121.50	1.50	0.03				
			197058	121.50	123.00	1.50	0.03				
			197059	138.00	139.50	1.50	0.01				

DETAILED LOG

Hole Number: TL13317

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
139.48	185.39	MSS, Muscovite Sericite Schist	197061	139.50	140.50	1.00	0.02				
		MSS Main-Zone from 139.48m-185.39m	197062	140.50	141.50	1.00	0.06				
		This Main-Zone MSS unit is very strongly sericitized and patchy throughout. This unit also has weak to strong patchy silicification. This unit is well mineralized with 3% pyrite in stringers, 2% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs and trace chalcopyrite.	197063	141.50	142.50	1.00	0.59				
		Trace VG in 2mm wide speck found alongside galena, sphalerite, and pyrite in a large stringer that is highly silicified. The bleb is found at 161.46m depth.	197064	142.50	144.00	1.50	0.06				
			197065	144.00	145.50	1.50	0.01				
			197066	145.50	147.00	1.50	0.03				
			197067	147.00	148.00	1.00	0.16				
			197068	148.00	149.00	1.00	0.18				
			197069	149.00	150.00	1.00	0.10				
			197071	150.00	151.00	1.00	0.03				
			197072	151.00	152.00	1.00	0.19				
			197073	152.00	153.00	1.00	0.38			0.38	
			197074	153.00	154.00	1.00	2.24			2.45	
			197075	154.00	155.00	1.00	7.85			8.65	
			197076	154.00	155.00	1.00	11.46			10.02	
			197077	155.00	156.00	1.00	0.40			0.38	
			197078	156.00	157.00	1.00	0.50				
			197079	157.00	158.00	1.00	4.95				
			197081	158.00	159.00	1.00	0.42				
			197082	159.00	160.00	1.00	0.46				
			197083	160.00	161.00	1.00	0.65				
			197084	161.00	162.00	1.00	4.16				
			197085	162.00	163.50	1.50	0.10				
			197086	163.50	165.00	1.50	0.04				
			197087	165.00	166.50	1.50	0.07				
			197088	166.50	168.00	1.50	0.05				
			197089	168.00	169.50	1.50	0.03				
			197091	169.50	171.00	1.50	0.05				
			197092	171.00	172.50	1.50	0.17				
			197093	172.50	174.00	1.50	0.24				
			197094	174.00	175.50	1.50	10.37			0.41	
			197095	175.50	177.00	1.50	6.61			0.06	
			197096	175.50	177.00	1.50	0.12			0.07	
			197097	177.00	178.50	1.50	0.18				
			197098	178.50	180.00	1.50	0.02				
			197099	180.00	181.50	1.50	0.02				
			197101	181.50	183.00	1.50	0.01				
			197102	183.00	184.00	1.00	0.01				
			197103	184.00	185.40	1.40	0.01				

Hole Number: TL13317

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1
185.39	195.55	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and very strong patchy silicification. This unit is very poorly mineralized with only trace disseminated pyrite and 1% pyrite in stringers.	197104	185.40	186.90	1.50	0.02				
			197105	186.90	188.40	1.50	0.13				
			197106	188.40	189.90	1.50	1.75				
			197107	189.90	191.40	1.50	0.01				
			197108	191.40	192.90	1.50	0.02				
			197109	192.90	194.00	1.10	0.01				
			197111	194.00	195.50	1.50	0.01				
			197112	195.50	197.00	1.50	0.01				
195.55	205.88	MSS, Muscovite Sericite Schist MSS possible B-Zone from 195.55-205.88 This possible B-Zone MSS unit has very strong patchy silicification and strong patchy sericitic alteration. This unit is very poorly mineralized with only trace disseminated pyrite and trace pyrite in stringers.	197113	197.00	198.50	1.50	0.01				
			197114	198.50	200.00	1.50	0.01				
			197115	200.00	201.50	1.50	0.01				
			197116	200.00	201.50	1.50	0.01				
			197117	201.50	203.00	1.50	0.01				
			197118	203.00	204.50	1.50	0.01				
			197119	204.50	205.90	1.40	0.02				
205.88	271.90	BMS, Biotite Muscovite Schist This BMS unit has very strong patchy silicification followed by weak patchy silica alteration, than goes back to very strong and patchy. The sericitic alteration within this unit is weak and patchy throughout. This unit is very poorly mineralized with only trace disseminated pyrite, trace pyrite in stringers and trace pyrrhotite in stringers.	197121	205.90	207.40	1.50	0.01				
			197122	270.40	271.90	1.50	0.41				

Hole Number: TL13317

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
271.90	304.26	MSS, Muscovite Sericite Schist MSS C-Zone from 271.90m-304.26m This C-Zone MSS has very strong patchy sericitic alteration and moderate to weak patchy silicification. This unit is well mineralized has 2% disseminated pyrite, 3% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite blebs.	197123	271.90	273.00	1.10	0.49				
			197124	273.00	274.50	1.50	3.54				
			197125	274.50	276.00	1.50	0.92				
			197126	276.00	277.50	1.50	0.09				
			197127	277.50	279.00	1.50	0.03				
			197128	279.00	280.50	1.50	0.06				
			197129	280.50	282.00	1.50	0.32				
			197131	282.00	283.50	1.50	0.04				
			197132	283.50	285.00	1.50	0.06				
			197133	285.00	286.50	1.50	0.25				
			197134	286.50	288.00	1.50	0.37				
			197135	288.00	289.50	1.50	0.09				
			197136	288.00	289.50	1.50	0.12				
			197137	289.50	291.00	1.50	1.08				
			197138	291.00	292.50	1.50	0.15				
			197139	292.50	294.00	1.50	0.24				
			197141	294.00	295.50	1.50	0.09				
			197142	295.50	297.00	1.50	0.22				
			197143	297.00	298.50	1.50	0.01				
			197144	298.50	300.00	1.50	0.06				
			197145	300.00	301.50	1.50	0.30				
			197146	301.50	303.00	1.50	1.21				
			197147	303.00	304.30	1.30	0.32				
304.26	321.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace pyrrhotite blebs and trace chalcopyrite blebs.	197148	304.30	305.80	1.50	0.08				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197001	31.90	33.40	0.0740				
197002	33.40	34.90	0.0590				
197003	34.90	35.90	0.1770				
197004	35.90	36.90	0.0350				
197005	36.90	37.90	0.0580				
197006	37.90	39.00	0.0540				
197007	39.00	40.50	0.0410				
197008	40.50	42.00	0.0640				
197009	42.00	43.50	0.0190				
197011	43.50	45.00	0.0500				
197012	45.00	46.50	0.0980				

Hole Number: TL13317

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197013	46.50	48.00	0.2390				
197014	48.00	49.00	0.1760				
197015	49.00	50.00	0.3200				
197017	50.00	51.50	0.0950				
197018	51.50	53.00	0.0120				
197019	53.00	54.50	0.0400				
197021	54.50	56.00	0.0020				
197022	56.00	57.00	0.0005				
197023	57.00	58.50	0.0030				
197024	58.50	60.00	0.0005				
197025	60.00	61.50	0.0010				
197026	61.50	63.00	0.0020				
197027	63.00	64.50	0.0010				
197028	64.50	66.00	0.0005				
197029	66.00	67.50	0.0005				
197031	67.50	69.00	0.0080				
197032	69.00	70.60	0.0030				
197033	71.30	72.80	0.0010				
197034	72.80	73.80	0.0040				
197035	73.80	75.00	0.0005				
197037	75.00	76.50	0.0160				
197038	76.50	78.00	0.0140				
197039	78.00	79.50	0.0090				
197041	79.50	81.00	0.0010				
197042	81.00	82.50	0.0040				
197043	82.50	84.00	0.0005				
197044	84.00	85.30	0.0130				
197045	86.26	87.26	0.0330				
197046	87.26	88.26	0.0080				
197047	109.00	110.50	0.0300				
197048	110.50	112.00	0.0920				
197049	112.00	113.50	0.1590				
197051	113.50	114.50	0.0330				
197052	114.50	115.50	0.0190				
197053	115.50	117.00	0.0710				
197054	117.00	118.50	0.1340				
197055	118.50	120.00	0.0040				
197057	120.00	121.50	0.0280				
197058	121.50	123.00	0.0260				

Hole Number: TL13317

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197059	138.00	139.50	0.0050				
197061	139.50	140.50	0.0230				
197062	140.50	141.50	0.0570				
197063	141.50	142.50	0.5860				
197064	142.50	144.00	0.0560				
197065	144.00	145.50	0.0120				
197066	145.50	147.00	0.0250				
197067	147.00	148.00	0.1590				
197068	148.00	149.00	0.1750				
197069	149.00	150.00	0.1040				
197071	150.00	151.00	0.0270				
197072	151.00	152.00	0.1930				
197073	152.00	153.00	0.3830			0.3830	
197074	153.00	154.00	2.2430			2.4530	
197075	154.00	155.00	7.8450			8.6480	
197077	155.00	156.00	0.4000			0.3770	
197078	156.00	157.00	0.4980				
197079	157.00	158.00	4.9490				
197081	158.00	159.00	0.4200				
197082	159.00	160.00	0.4580				
197083	160.00	161.00	0.6520				
197084	161.00	162.00	4.1600				
197085	162.00	163.50	0.1030				
197086	163.50	165.00	0.0350				
197087	165.00	166.50	0.0720				
197088	166.50	168.00	0.0500				
197089	168.00	169.50	0.0250				
197091	169.50	171.00	0.0480				
197092	171.00	172.50	0.1700				
197093	172.50	174.00	0.2390				
197094	174.00	175.50	10.3740			0.4060	
197095	175.50	177.00	6.6120			0.0580	
197097	177.00	178.50	0.1770				
197098	178.50	180.00	0.0240				
197099	180.00	181.50	0.0150				
197101	181.50	183.00	0.0110				
197102	183.00	184.00	0.0090				
197103	184.00	185.40	0.0100				
197104	185.40	186.90	0.0200				

Hole Number: TL13317

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197105	186.90	188.40	0.1340				
197106	188.40	189.90	1.7480				
197107	189.90	191.40	0.0140				
197108	191.40	192.90	0.0150				
197109	192.90	194.00	0.0130				
197111	194.00	195.50	0.0090				
197112	195.50	197.00	0.0100				
197113	197.00	198.50	0.0100				
197114	198.50	200.00	0.0080				
197115	200.00	201.50	0.0070				
197117	201.50	203.00	0.0110				
197118	203.00	204.50	0.0080				
197119	204.50	205.90	0.0160				
197121	205.90	207.40	0.0090				
197122	270.40	271.90	0.4110				
197123	271.90	273.00	0.4930				
197124	273.00	274.50	3.5440				
197125	274.50	276.00	0.9240				
197126	276.00	277.50	0.0890				
197127	277.50	279.00	0.0270				
197128	279.00	280.50	0.0630				
197129	280.50	282.00	0.3220				
197131	282.00	283.50	0.0420				
197132	283.50	285.00	0.0640				
197133	285.00	286.50	0.2510				
197134	286.50	288.00	0.3660				
197135	288.00	289.50	0.0910				
197137	289.50	291.00	1.0760				
197138	291.00	292.50	0.1510				
197139	292.50	294.00	0.2390				
197141	294.00	295.50	0.0920				
197142	295.50	297.00	0.2190				
197143	297.00	298.50	0.0120				
197144	298.50	300.00	0.0550				
197145	300.00	301.50	0.3030				
197146	301.50	303.00	1.2090				
197147	303.00	304.30	0.3210				
197148	304.30	305.80	0.0800				

Hole Number: TL13317

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
197016	49.00	50.00	0.3730				
197036	73.80	75.00	0.0030				
197056	118.50	120.00	0.0050				
197076	154.00	155.00	11.4640			10.0160	
197096	175.50	177.00	0.1160			0.0660	
197116	200.00	201.50	0.0080				
197136	288.00	289.50	0.1210				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13317	31.9	33.4	197001	0.50	1.89	30.00	449.00	1.00	13.00	0.16	4.00	10.00	14.00	26.00	2.56	0.01	15.00	0.65	458.00
TL13317	33.4	34.9	197002	0.50	2.32	55.00	504.00	1.00	2.00	0.50	9.00	10.00	16.00	50.00	2.63	0.01	13.00	0.79	554.00
TL13317	34.9	35.9	197003	2.00	2.39	66.00	583.00	1.00	10.00	0.01	12.00	10.00	17.00	28.00	2.71	0.19	9.00	0.28	149.00
TL13317	35.9	36.9	197004	0.50	4.30	83.00	733.00	1.00	8.00	0.16	2.00	11.00	22.00	8.00	2.86	0.03	14.00	0.46	255.00
TL13317	36.9	37.9	197005	0.50	3.13	42.00	594.00	1.00	7.00	0.35	2.00	11.00	21.00	5.00	2.27	0.01	16.00	0.64	435.00
TL13317	37.9	39.0	197006	0.50	4.12	33.00	631.00	1.00	8.00	0.88	2.00	15.00	33.00	9.00	3.12	0.01	25.00	1.29	1005.00
TL13317	39.0	40.5	197007	0.50	2.23	31.00	400.00	1.00	8.00	0.61	2.00	9.00	20.00	9.00	2.09	0.01	16.00	0.89	664.00
TL13317	40.5	42.0	197008	0.50	2.53	32.00	426.00	1.00	16.00	0.87	2.00	12.00	25.00	11.00	2.52	0.01	18.00	1.17	961.00
TL13317	42.0	43.5	197009	0.50	2.80	9.00	404.00	1.00	8.00	0.42	2.00	10.00	14.00	19.00	2.01	0.01	18.00	0.89	648.00
TL13317	43.5	45.0	197011	0.50	2.68	15.00	349.00	1.00	0.50	0.91	2.00	11.00	20.00	19.00	2.28	0.01	16.00	1.04	869.00
TL13317	45.0	46.5	197012	0.50	3.43	29.00	361.00	1.00	0.50	1.05	2.00	10.00	17.00	9.00	2.24	0.11	16.00	1.00	787.00
TL13317	46.5	48.0	197013	1.00	4.57	42.00	386.00	1.00	0.50	1.40	2.00	11.00	21.00	15.00	2.29	0.01	20.00	1.01	793.00
TL13317	48.0	49.0	197014	4.00	4.05	31.00	411.00	1.00	20.00	1.37	2.00	11.00	29.00	150.00	2.55	0.01	17.00	1.01	863.00
TL13317	49.0	50.0	197015	3.00	3.22	22.00	481.00	1.00	22.00	0.51	2.00	9.00	20.00	82.00	1.70	0.01	14.00	0.58	439.00
TL13317	49.0	50.0	197016	2.00	3.97	29.00	555.00	1.00	5.00	0.68	2.00	12.00	26.00	98.00	2.13	0.01	17.00	0.68	536.00
TL13317	50.0	51.5	197017	0.50	2.51	20.00	285.00	1.00	13.00	0.88	2.00	12.00	55.00	22.00	2.47	0.01	15.00	0.94	631.00
TL13317	51.5	53.0	197018	0.50	3.41	8.00	315.00	1.00	4.00	0.73	2.00	22.00	124.00	54.00	3.40	0.01	21.00	1.34	749.00
TL13317	53.0	54.5	197019	0.50	0.98	10.00	341.00	1.00	0.50	0.01	2.00	7.00	21.00	4.00	0.61	0.01	7.00	0.45	147.00
TL13317	54.5	56.0	197021	0.50	2.38	13.00	333.00	1.00	5.00	0.02	2.00	8.00	22.00	11.00	0.57	0.02	12.00	0.50	125.00
TL13317	56.0	57.0	197022	0.50	2.71	8.00	339.00	1.00	9.00	0.68	2.00	6.00	21.00	2.00	0.53	0.01	13.00	0.61	186.00
TL13317	57.0	58.5	197023	0.50	3.19	15.00	324.00	1.00	9.00	1.80	2.00	8.00	17.00	7.00	0.63	0.01	13.00	0.46	176.00
TL13317	58.5	60.0	197024	0.50	2.82	14.00	378.00	1.00	0.50	0.03	2.00	6.00	18.00	3.00	0.60	0.01	15.00	0.46	125.00
TL13317	60.0	61.5	197025	0.50	2.75	16.00	313.00	1.00	3.00	0.29	2.00	6.00	21.00	5.00	0.75	0.01	15.00	0.60	189.00
TL13317	61.5	63.0	197026	0.50	2.55	10.00	264.00	1.00	8.00	0.41	2.00	5.00	12.00	5.00	0.54	0.01	14.00	0.57	175.00
TL13317	63.0	64.5	197027	0.50	2.87	10.00	305.00	1.00	1.00	0.88	2.00	5.00	13.00	3.00	0.60	0.01	15.00	0.77	306.00
TL13317	64.5	66.0	197028	0.50	2.50	10.00	368.00	1.00	30.00	0.52	2.00	5.00	18.00	1.00	0.66	0.01	15.00	0.65	275.00
TL13317	66.0	67.5	197029	0.50	0.06	13.00	162.00	1.00	0.50	0.01	2.00	5.00	16.00	2.00	0.51	0.01	9.00	0.42	173.00
TL13317	67.5	69.0	197031	0.50	1.98	13.00	277.00	1.00	7.00	0.73	2.00	6.00	11.00	5.00	0.39	1.13	9.00	0.36	168.00
TL13317	69.0	70.6	197032	0.50	1.41	16.00	233.00	1.00	10.00	0.96	2.00	6.00	12.00	11.00	0.52	0.13	8.00	0.40	262.00
TL13317	71.3	72.8	197033	0.50	1.22	11.00	239.00	1.00	6.00	0.36	2.00	5.00	11.00	12.00	0.31	0.01	8.00	0.24	120.00
TL13317	72.8	73.8	197034	0.50	1.34	19.00	249.00	1.00	5.00	0.18	2.00	6.00	12.00	8.00	0.39	0.08	11.00	0.29	158.00
TL13317	73.8	75.0	197035	0.50	1.39	9.00	238.00	1.00	2.00	0.36	2.00	6.00	18.00	5.00	0.36	0.01	9.00	0.24	137.00
TL13317	73.8	75.0	197036	0.50	0.79	14.00	207.00	1.00	1.00	0.32	2.00	5.00	16.00	6.00	0.31	0.01	6.00	0.20	122.00
TL13317	75.0	76.5	197037	0.50	2.13	25.00	358.00	1.00	19.00	0.90	2.00	9.00	33.00	40.00	1.20	0.01	14.00	0.69	379.00
TL13317	76.5	78.0	197038	0.50	1.63	16.00	324.00	1.00	19.00	0.39	2.00	7.00	16.00	13.00	0.48	0.01	11.00	0.38	197.00
TL13317	78.0	79.5	197039	0.50	1.22	7.00	332.00	1.00	0.50	0.28	2.00	7.00	15.00	6.00	0.48	0.01	10.00	0.29	144.00
TL13317	79.5	81.0	197041	0.50	0.72	7.00	249.00	1.00	19.00	0.72	2.00	7.00	11.00	10.00	1.47	0.01	11.00	0.54	277.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13317	31.9	33.4	197001	1.00	20.00	710.00	528.00	1.88	2.50	6.00	5.00	99.00	2025.00	1.00	44.00	20.00	6.00	1200.00
TL13317	33.4	34.9	197002	2.00	19.00	630.00	999.00	1.99	2.50	9.00	5.00	131.00	1787.00	1.00	43.00	36.00	5.00	2337.00
TL13317	34.9	35.9	197003	4.00	21.00	549.00	1955.00	2.64	2.50	12.00	5.00	99.00	1561.00	1.00	39.00	47.00	5.00	3398.00
TL13317	35.9	36.9	197004	3.00	27.00	783.00	189.00	2.50	2.50	2.50	5.00	138.00	2040.00	1.00	49.00	14.00	6.00	773.00
TL13317	36.9	37.9	197005	2.00	22.00	636.00	252.00	1.47	2.50	2.50	5.00	119.00	2046.00	1.00	45.00	5.00	6.00	252.00
TL13317	37.9	39.0	197006	2.00	29.00	769.00	43.00	1.00	2.50	10.00	5.00	145.00	2878.00	1.00	60.00	5.00	8.00	111.00
TL13317	39.0	40.5	197007	1.00	20.00	526.00	63.00	0.72	2.50	2.50	5.00	111.00	1902.00	1.00	39.00	5.00	6.00	452.00
TL13317	40.5	42.0	197008	1.00	24.00	606.00	57.00	0.71	2.50	12.00	5.00	128.00	2121.00	1.00	42.00	5.00	6.00	125.00
TL13317	42.0	43.5	197009	1.00	17.00	572.00	28.00	0.36	2.50	2.50	5.00	96.00	2037.00	1.00	37.00	5.00	6.00	109.00
TL13317	43.5	45.0	197011	1.00	21.00	605.00	28.00	0.62	2.50	10.00	5.00	123.00	2088.00	2.00	41.00	5.00	6.00	96.00
TL13317	45.0	46.5	197012	0.50	21.00	583.00	40.00	0.97	2.50	2.50	5.00	143.00	1957.00	1.00	36.00	5.00	6.00	76.00
TL13317	46.5	48.0	197013	2.00	24.00	646.00	134.00	1.34	2.50	5.00	5.00	152.00	2041.00	1.00	39.00	5.00	7.00	334.00
TL13317	48.0	49.0	197014	2.00	32.00	563.00	199.00	1.55	2.50	15.00	5.00	147.00	1964.00	1.00	42.00	10.00	7.00	478.00
TL13317	49.0	50.0	197015	2.00	26.00	536.00	212.00	0.96	2.50	7.00	5.00	105.00	1971.00	1.00	37.00	17.00	6.00	1031.00
TL13317	49.0	50.0	197016	2.00	32.00	622.00	119.00	1.22	2.50	2.50	5.00	122.00	2327.00	1.00	43.00	18.00	7.00	1126.00
TL13317	50.0	51.5	197017	3.00	41.00	444.00	24.00	0.93	2.50	2.50	5.00	123.00	1794.00	1.00	42.00	5.00	8.00	82.00
TL13317	51.5	53.0	197018	4.00	84.00	464.00	28.00	1.02	2.50	6.00	5.00	97.00	2281.00	1.00	69.00	5.00	14.00	98.00
TL13317	53.0	54.5	197019	2.00	24.00	152.00	40.00	0.27	2.50	5.00	5.00	43.00	1097.00	1.00	22.00	5.00	3.00	77.00
TL13317	54.5	56.0	197021	3.00	26.00	260.00	14.00	0.34	2.50	9.00	5.00	73.00	1270.00	1.00	24.00	5.00	4.00	29.00
TL13317	56.0	57.0	197022	3.00	23.00	230.00	13.00	0.28	2.50	10.00	5.00	95.00	1170.00	1.00	22.00	5.00	4.00	8.00
TL13317	57.0	58.5	197023	2.00	19.00	127.00	6.00	0.45	2.50	9.00	5.00	139.00	1229.00	1.00	23.00	5.00	4.00	3.00
TL13317	58.5	60.0	197024	2.00	23.00	168.00	6.00	0.35	2.50	9.00	5.00	75.00	1355.00	1.00	23.00	5.00	3.00	8.00
TL13317	60.0	61.5	197025	1.00	17.00	171.00	7.00	0.49	2.50	8.00	5.00	94.00	1358.00	1.00	25.00	5.00	4.00	11.00
TL13317	61.5	63.0	197026	1.00	13.00	206.00	5.00	0.32	2.50	13.00	5.00	86.00	1181.00	1.00	21.00	5.00	3.00	10.00
TL13317	63.0	64.5	197027	2.00	13.00	191.00	10.00	0.34	2.50	9.00	5.00	117.00	1194.00	4.00	22.00	5.00	3.00	16.00
TL13317	64.5	66.0	197028	2.00	15.00	240.00	13.00	0.37	2.50	12.00	5.00	109.00	1234.00	1.00	23.00	5.00	3.00	18.00
TL13317	66.0	67.5	197029	1.00	17.00	165.00	14.00	0.26	2.50	11.00	5.00	57.00	1110.00	1.00	20.00	5.00	2.00	18.00
TL13317	67.5	69.0	197031	1.00	14.00	346.00	19.00	0.17	2.50	8.00	5.00	151.00	1045.00	1.00	20.00	5.00	4.00	20.00
TL13317	69.0	70.6	197032	0.50	13.00	367.00	20.00	0.29	2.50	6.00	5.00	136.00	1034.00	1.00	20.00	5.00	3.00	57.00
TL13317	71.3	72.8	197033	2.00	15.00	323.00	39.00	0.16	2.50	12.00	5.00	116.00	904.00	1.00	17.00	5.00	3.00	37.00
TL13317	72.8	73.8	197034	0.50	19.00	357.00	92.00	0.22	2.50	11.00	5.00	98.00	1201.00	1.00	20.00	5.00	3.00	255.00
TL13317	73.8	75.0	197035	1.00	13.00	375.00	50.00	0.18	2.50	14.00	5.00	103.00	1247.00	1.00	22.00	5.00	3.00	114.00
TL13317	73.8	75.0	197036	1.00	12.00	286.00	46.00	0.17	2.50	7.00	5.00	107.00	928.00	1.00	18.00	5.00	3.00	142.00
TL13317	75.0	76.5	197037	1.00	22.00	404.00	60.00	0.76	2.50	7.00	5.00	150.00	1410.00	1.00	30.00	5.00	5.00	138.00
TL13317	76.5	78.0	197038	1.00	13.00	345.00	20.00	0.23	2.50	11.00	5.00	123.00	1151.00	1.00	22.00	5.00	4.00	30.00
TL13317	78.0	79.5	197039	0.50	11.00	351.00	18.00	0.20	2.50	5.00	5.00	121.00	1201.00	1.00	22.00	5.00	4.00	36.00
TL13317	79.5	81.0	197041	0.50	12.00	408.00	12.00	0.29	2.50	2.50	5.00	127.00	1534.00	1.00	25.00	5.00	5.00	46.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13317	81.0	82.5	197042	0.50	0.74	3.00	257.00	1.00	9.00	0.74	2.00	7.00	12.00	5.00	1.50	0.01	12.00	0.59	363.00
TL13317	82.5	84.0	197043	0.50	0.84	5.00	246.00	1.00	0.50	0.76	2.00	5.00	6.00	5.00	1.29	0.01	10.00	0.58	399.00
TL13317	84.0	85.3	197044	0.50	1.58	6.00	357.00	1.00	25.00	0.58	2.00	9.00	10.00	46.00	1.68	0.01	15.00	0.70	531.00
TL13317	86.3	87.3	197045	0.50	1.57	9.00	361.00	1.00	26.00	0.51	2.00	7.00	13.00	21.00	1.69	0.01	17.00	0.65	431.00
TL13317	87.3	88.3	197046	0.50	2.92	11.00	432.00	1.00	10.00	1.15	2.00	10.00	20.00	14.00	2.12	0.01	19.00	0.74	579.00
TL13317	109.0	110.5	197047	0.50	4.55	20.00	404.00	1.00	12.00	1.31	2.00	9.00	22.00	18.00	1.94	0.01	15.00	0.76	614.00
TL13317	110.5	112.0	197048	1.00	3.91	38.00	419.00	1.00	8.00	0.92	2.00	9.00	22.00	78.00	1.86	0.06	13.00	0.67	517.00
TL13317	112.0	113.5	197049	3.00	3.46	24.00	432.00	1.00	14.00	0.94	2.00	7.00	27.00	71.00	1.75	0.01	14.00	0.71	551.00
TL13317	113.5	114.5	197051	0.50	2.61	23.00	213.00	1.00	2.00	0.90	2.00	9.00	54.00	16.00	1.35	0.01	11.00	0.33	199.00
TL13317	114.5	115.5	197052	3.00	2.38	14.00	244.00	1.00	20.00	0.60	2.00	7.00	37.00	50.00	1.70	0.01	13.00	0.58	404.00
TL13317	115.5	117.0	197053	0.50	2.61	9.00	222.00	1.00	6.00	0.93	2.00	7.00	29.00	15.00	1.44	0.01	14.00	0.68	359.00
TL13317	117.0	118.5	197054	0.50	1.93	5.00	232.00	1.00	8.00	1.06	2.00	5.00	25.00	12.00	1.31	0.01	10.00	0.62	335.00
TL13317	118.5	120.0	197056	0.50	2.08	10.00	197.00	1.00	11.00	1.27	2.00	6.00	26.00	13.00	1.43	0.01	11.00	0.67	367.00
TL13317	118.5	120.0	197055	0.50	2.60	22.00	308.00	1.00	4.00	1.07	2.00	6.00	26.00	14.00	1.39	0.01	11.00	0.64	304.00
TL13317	120.0	121.5	197057	0.50	2.37	25.00	301.00	1.00	16.00	0.76	2.00	8.00	24.00	6.00	1.47	0.01	17.00	0.93	447.00
TL13317	121.5	123.0	197058	1.00	3.21	22.00	357.00	1.00	8.00	1.33	2.00	5.00	27.00	11.00	1.59	0.01	16.00	0.90	564.00
TL13317	138.0	139.5	197059	0.50	2.52	25.00	358.00	1.00	11.00	0.45	2.00	5.00	39.00	6.00	1.34	0.01	13.00	0.60	395.00
TL13317	139.5	140.5	197061	1.00	2.42	26.00	366.00	1.00	3.00	0.35	2.00	5.00	32.00	14.00	1.43	0.01	13.00	0.58	479.00
TL13317	140.5	141.5	197062	6.00	1.48	27.00	305.00	1.00	2.00	0.01	2.00	4.00	41.00	20.00	1.36	0.01	9.00	0.40	262.00
TL13317	141.5	142.5	197063	3.00	2.93	23.00	398.00	1.00	18.00	0.52	2.00	5.00	40.00	46.00	1.57	0.01	19.00	0.96	823.00
TL13317	142.5	144.0	197064	0.50	1.99	15.00	249.00	1.00	14.00	0.11	2.00	8.00	46.00	18.00	1.16	0.01	20.00	0.98	712.00
TL13317	144.0	145.5	197065	0.50	2.32	21.00	303.00	1.00	11.00	0.01	2.00	6.00	37.00	7.00	0.75	0.01	17.00	0.70	420.00
TL13317	145.5	147.0	197066	2.00	0.83	24.00	206.00	1.00	15.00	0.01	2.00	4.00	68.00	21.00	0.83	0.03	8.00	0.33	166.00
TL13317	147.0	148.0	197067	2.00	0.01	12.00	140.00	1.00	18.00	0.01	2.00	2.00	51.00	16.00	0.63	0.01	5.00	0.26	127.00
TL13317	148.0	149.0	197068	0.50	1.52	20.00	238.00	1.00	4.00	0.01	2.00	7.00	53.00	7.00	0.89	0.01	14.00	0.72	429.00
TL13317	149.0	150.0	197069	1.00	1.15	23.00	219.00	1.00	0.50	0.01	2.00	6.00	44.00	7.00	0.87	0.01	7.00	0.34	191.00
TL13317	150.0	151.0	197071	1.00	1.90	38.00	253.00	1.00	12.00	0.01	2.00	11.00	49.00	10.00	1.30	0.12	10.00	0.34	162.00
TL13317	151.0	152.0	197072	1.00	1.33	26.00	211.00	1.00	14.00	0.01	2.00	9.00	17.00	81.00	0.95	0.01	10.00	0.56	247.00
TL13317	152.0	153.0	197073	14.00	1.89	50.00	206.00	1.00	0.50	0.01	2.00	7.00	25.00	93.00	1.55	0.01	8.00	0.27	50.00
TL13317	153.0	154.0	197074	2.00	2.49	30.00	247.00	1.00	6.00	0.01	2.00	6.00	36.00	23.00	1.08	0.01	9.00	0.32	50.00
TL13317	154.0	155.0	197075	2.00	1.95	33.00	241.00	1.00	14.00	0.01	2.00	6.00	28.00	17.00	0.92	0.01	9.00	0.33	50.00
TL13317	154.0	155.0	197076	2.00	2.13	22.00	251.00	1.00	10.00	0.01	2.00	5.00	24.00	12.00	0.71	0.01	7.00	0.26	50.00
TL13317	155.0	156.0	197077	13.00	2.15	36.00	238.00	1.00	13.00	0.01	21.00	6.00	36.00	156.00	1.22	0.01	10.00	0.34	129.00
TL13317	156.0	157.0	197078	0.50	2.55	23.00	234.00	1.00	0.50	0.28	2.00	9.00	22.00	7.00	0.65	0.01	12.00	0.70	375.00
TL13317	157.0	158.0	197079	0.50	2.77	22.00	272.00	1.00	10.00	0.27	2.00	10.00	25.00	5.00	0.68	0.01	14.00	0.58	316.00
TL13317	158.0	159.0	197081	0.50	0.38	16.00	141.00	1.00	14.00	0.01	2.00	5.00	17.00	8.00	0.61	0.01	10.00	0.54	307.00
TL13317	159.0	160.0	197082	0.50	1.27	24.00	169.00	1.00	12.00	0.09	2.00	4.00	19.00	7.00	0.73	0.01	13.00	0.58	375.00
TL13317	160.0	161.0	197083	0.50	1.67	17.00	184.00	1.00	5.00	0.11	2.00	4.00	26.00	4.00	0.70	0.01	15.00	0.62	439.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13317	81.0	82.5	197042	0.50	12.00	410.00	11.00	0.21	2.50	13.00	5.00	130.00	1637.00	1.00	26.00	5.00	5.00	40.00
TL13317	82.5	84.0	197043	0.50	8.00	337.00	10.00	0.16	2.50	8.00	5.00	148.00	1315.00	1.00	22.00	5.00	4.00	38.00
TL13317	84.0	85.3	197044	0.50	13.00	530.00	50.00	0.51	2.50	9.00	5.00	138.00	1726.00	1.00	30.00	5.00	6.00	243.00
TL13317	86.3	87.3	197045	1.00	18.00	470.00	28.00	0.39	2.50	10.00	5.00	119.00	1685.00	1.00	29.00	5.00	5.00	153.00
TL13317	87.3	88.3	197046	2.00	30.00	538.00	21.00	0.52	2.50	12.00	5.00	166.00	1897.00	1.00	37.00	5.00	6.00	47.00
TL13317	109.0	110.5	197047	3.00	28.00	470.00	34.00	0.92	2.50	18.00	5.00	179.00	1770.00	1.00	30.00	5.00	6.00	81.00
TL13317	110.5	112.0	197048	2.00	26.00	496.00	83.00	1.09	2.50	12.00	5.00	149.00	1706.00	2.00	30.00	14.00	6.00	824.00
TL13317	112.0	113.5	197049	3.00	35.00	456.00	504.00	0.87	2.50	14.00	5.00	136.00	1678.00	1.00	29.00	12.00	5.00	618.00
TL13317	113.5	114.5	197051	5.00	55.00	379.00	31.00	1.00	2.50	12.00	5.00	113.00	1337.00	1.00	26.00	5.00	6.00	87.00
TL13317	114.5	115.5	197052	4.00	51.00	332.00	822.00	1.00	2.50	7.00	5.00	89.00	1363.00	1.00	29.00	10.00	5.00	602.00
TL13317	115.5	117.0	197053	2.00	27.00	506.00	40.00	0.56	2.50	2.50	5.00	112.00	1497.00	1.00	30.00	5.00	6.00	50.00
TL13317	117.0	118.5	197054	2.00	33.00	580.00	17.00	0.43	2.50	12.00	5.00	114.00	1360.00	1.00	28.00	5.00	5.00	21.00
TL13317	118.5	120.0	197056	3.00	33.00	625.00	17.00	0.48	2.50	5.00	5.00	112.00	1463.00	1.00	31.00	5.00	5.00	20.00
TL13317	118.5	120.0	197055	3.00	32.00	583.00	23.00	0.66	2.50	11.00	5.00	117.00	1465.00	1.00	28.00	154.00	6.00	39.00
TL13317	120.0	121.5	197057	3.00	33.00	696.00	24.00	0.77	2.50	8.00	5.00	95.00	1809.00	1.00	34.00	5.00	5.00	45.00
TL13317	121.5	123.0	197058	3.00	36.00	633.00	18.00	0.55	2.50	7.00	5.00	97.00	1671.00	1.00	33.00	5.00	6.00	35.00
TL13317	138.0	139.5	197059	6.00	53.00	500.00	42.00	0.81	2.50	7.00	5.00	81.00	1478.00	1.00	27.00	5.00	5.00	44.00
TL13317	139.5	140.5	197061	4.00	50.00	532.00	46.00	1.07	2.50	10.00	5.00	83.00	1425.00	1.00	25.00	5.00	5.00	174.00
TL13317	140.5	141.5	197062	7.00	69.00	481.00	124.00	1.08	2.50	2.50	5.00	49.00	1270.00	1.00	23.00	5.00	4.00	194.00
TL13317	141.5	142.5	197063	6.00	58.00	497.00	124.00	0.90	2.50	8.00	5.00	82.00	1638.00	1.00	28.00	5.00	5.00	140.00
TL13317	142.5	144.0	197064	6.00	63.00	528.00	83.00	0.37	2.50	13.00	5.00	57.00	1524.00	2.00	29.00	5.00	4.00	97.00
TL13317	144.0	145.5	197065	6.00	50.00	353.00	97.00	0.38	2.50	9.00	5.00	55.00	1356.00	1.00	24.00	5.00	4.00	186.00
TL13317	145.5	147.0	197066	11.00	81.00	180.00	245.00	0.50	2.50	9.00	5.00	52.00	817.00	1.00	16.00	13.00	3.00	698.00
TL13317	147.0	148.0	197067	9.00	61.00	146.00	196.00	0.38	2.50	6.00	5.00	39.00	618.00	1.00	12.00	5.00	2.00	553.00
TL13317	148.0	149.0	197068	8.00	71.00	299.00	72.00	0.54	2.50	5.00	5.00	56.00	1090.00	1.00	20.00	5.00	3.00	85.00
TL13317	149.0	150.0	197069	8.00	64.00	295.00	152.00	0.64	2.50	12.00	5.00	36.00	933.00	1.00	17.00	5.00	3.00	195.00
TL13317	150.0	151.0	197071	8.00	72.00	320.00	139.00	1.12	2.50	8.00	5.00	36.00	1013.00	1.00	19.00	5.00	3.00	466.00
TL13317	151.0	152.0	197072	2.00	26.00	321.00	157.00	0.86	2.50	9.00	5.00	43.00	883.00	1.00	15.00	5.00	3.00	187.00
TL13317	152.0	153.0	197073	6.00	30.00	243.00	3125.00	1.66	13.00	9.00	5.00	35.00	827.00	1.00	14.00	5.00	3.00	386.00
TL13317	153.0	154.0	197074	6.00	46.00	310.00	426.00	0.98	2.50	15.00	5.00	40.00	943.00	1.00	13.00	5.00	4.00	468.00
TL13317	154.0	155.0	197075	4.00	43.00	283.00	429.00	0.84	2.50	6.00	5.00	35.00	910.00	1.00	16.00	12.00	3.00	703.00
TL13317	154.0	155.0	197076	4.00	36.00	284.00	377.00	0.62	2.50	14.00	5.00	31.00	935.00	1.00	17.00	10.00	3.00	659.00
TL13317	155.0	156.0	197077	5.00	50.00	284.00	2882.00	1.45	10.00	6.00	5.00	41.00	960.00	1.00	18.00	90.00	4.00	6989.00
TL13317	156.0	157.0	197078	3.00	34.00	402.00	74.00	0.44	2.50	9.00	5.00	60.00	1167.00	1.00	21.00	5.00	4.00	97.00
TL13317	157.0	158.0	197079	3.00	42.00	454.00	59.00	0.47	2.50	10.00	5.00	53.00	1392.00	1.00	26.00	5.00	4.00	93.00
TL13317	158.0	159.0	197081	2.00	24.00	367.00	88.00	0.45	2.50	9.00	5.00	30.00	945.00	1.00	16.00	5.00	3.00	137.00
TL13317	159.0	160.0	197082	3.00	27.00	368.00	44.00	0.56	2.50	13.00	5.00	40.00	1165.00	1.00	20.00	5.00	3.00	146.00
TL13317	160.0	161.0	197083	4.00	36.00	371.00	38.00	0.50	2.50	5.00	5.00	44.00	1242.00	1.00	21.00	5.00	3.00	56.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13317	161.0	162.0	197084	0.50	1.60	16.00	224.00	1.00	4.00	0.05	2.00	4.00	26.00	7.00	0.69	0.01	13.00	0.59	423.00
TL13317	162.0	163.5	197085	0.50	1.76	14.00	177.00	1.00	0.50	0.01	2.00	3.00	23.00	6.00	0.60	0.01	15.00	0.57	367.00
TL13317	163.5	165.0	197086	3.00	1.50	22.00	141.00	1.00	3.00	0.01	2.00	3.00	28.00	15.00	0.99	0.01	18.00	0.87	681.00
TL13317	165.0	166.5	197087	1.00	2.15	16.00	219.00	1.00	8.00	0.10	2.00	4.00	28.00	20.00	1.35	0.01	15.00	0.75	473.00
TL13317	166.5	168.0	197088	0.50	2.32	15.00	249.00	1.00	9.00	0.24	2.00	3.00	32.00	7.00	0.79	0.01	18.00	0.79	468.00
TL13317	168.0	169.5	197089	2.00	1.28	38.00	236.00	1.00	11.00	0.01	2.00	16.00	36.00	44.00	0.99	0.03	12.00	0.85	534.00
TL13317	169.5	171.0	197091	3.00	1.88	47.00	219.00	1.00	27.00	0.01	2.00	14.00	30.00	26.00	0.91	0.01	10.00	0.49	283.00
TL13317	171.0	172.5	197092	69.00	0.23	125.00	150.00	1.00	15.00	0.01	10.00	12.00	33.00	102.00	1.85	0.05	4.00	0.19	50.00
TL13317	172.5	174.0	197093	4.00	1.11	34.00	220.00	1.00	16.00	0.01	2.00	9.00	28.00	15.00	0.88	0.01	7.00	0.34	129.00
TL13317	174.0	175.5	197094	52.00	1.43	79.00	231.00	1.00	5.00	0.01	15.00	10.00	42.00	50.00	1.13	0.01	8.00	0.35	181.00
TL13317	175.5	177.0	197096	0.50	2.86	8.00	236.00	1.00	10.00	0.42	2.00	3.00	26.00	9.00	0.79	0.01	21.00	0.87	491.00
TL13317	175.5	177.0	197095	100.00	1.23	59.00	219.00	1.00	8.00	0.01	17.00	10.00	35.00	165.00	1.33	0.01	8.00	0.37	202.00
TL13317	177.0	178.5	197097	0.50	3.11	64.00	271.00	1.00	0.50	0.09	2.00	4.00	18.00	29.00	0.75	0.01	13.00	0.37	178.00
TL13317	178.5	180.0	197098	0.50	3.62	21.00	297.00	1.00	13.00	0.63	2.00	6.00	22.00	10.00	2.02	0.01	17.00	0.57	241.00
TL13317	180.0	181.5	197099	0.50	3.43	13.00	288.00	1.00	6.00	0.98	2.00	8.00	27.00	17.00	1.98	0.01	21.00	0.98	310.00
TL13317	181.5	183.0	197101	0.50	2.71	11.00	253.00	1.00	0.50	0.74	2.00	7.00	23.00	7.00	1.48	0.07	14.00	0.81	194.00
TL13317	183.0	184.0	197102	0.50	3.02	10.00	248.00	1.00	10.00	1.00	2.00	5.00	26.00	11.00	1.26	0.01	17.00	0.91	245.00
TL13317	184.0	185.4	197103	0.50	3.72	8.00	285.00	1.00	18.00	0.80	2.00	7.00	32.00	4.00	1.63	0.01	22.00	0.98	234.00
TL13317	185.4	186.9	197104	0.50	5.10	9.00	298.00	1.00	2.00	3.18	2.00	7.00	35.00	15.00	2.25	0.01	20.00	1.76	371.00
TL13317	186.9	188.4	197105	0.50	4.26	9.00	291.00	1.00	7.00	2.07	2.00	7.00	24.00	12.00	2.28	0.01	22.00	1.19	235.00
TL13317	188.4	189.9	197106	0.50	5.59	5.00	360.00	1.00	15.00	2.43	2.00	6.00	25.00	3.00	2.70	0.01	30.00	1.35	340.00
TL13317	189.9	191.4	197107	0.50	3.60	6.00	412.00	1.00	0.50	1.53	2.00	8.00	22.00	17.00	1.97	0.01	19.00	1.00	247.00
TL13317	191.4	192.9	197108	0.50	1.95	6.00	178.00	1.00	10.00	1.59	2.00	6.00	23.00	8.00	1.27	0.01	13.00	1.19	208.00
TL13317	192.9	194.0	197109	0.50	3.37	9.00	295.00	1.00	6.00	1.61	2.00	8.00	40.00	19.00	2.89	0.01	23.00	1.73	250.00
TL13317	194.0	195.5	197111	0.50	1.44	6.00	208.00	1.00	11.00	1.18	2.00	5.00	25.00	6.00	1.11	0.01	11.00	1.02	167.00
TL13317	195.5	197.0	197112	0.50	3.25	12.00	367.00	1.00	7.00	0.99	2.00	13.00	26.00	9.00	1.98	0.01	18.00	1.08	183.00
TL13317	197.0	198.5	197113	0.50	1.63	4.00	302.00	1.00	0.50	0.73	2.00	6.00	27.00	15.00	1.85	0.01	16.00	0.70	171.00
TL13317	198.5	200.0	197114	0.50	0.01	11.00	159.00	1.00	11.00	0.01	2.00	7.00	17.00	3.00	1.41	0.01	6.00	0.23	50.00
TL13317	200.0	201.5	197115	0.50	2.16	15.00	335.00	1.00	0.50	0.21	2.00	7.00	32.00	8.00	1.38	0.01	17.00	0.56	143.00
TL13317	200.0	201.5	197116	0.50	2.19	16.00	381.00	1.00	0.50	0.14	2.00	8.00	18.00	8.00	1.60	0.01	19.00	0.62	151.00
TL13317	201.5	203.0	197117	0.50	2.42	17.00	435.00	1.00	8.00	1.09	2.00	7.00	26.00	4.00	1.77	0.09	16.00	1.05	404.00
TL13317	203.0	204.5	197118	0.50	0.05	34.00	359.00	1.00	3.00	0.01	2.00	6.00	17.00	3.00	1.30	0.01	9.00	0.30	185.00
TL13317	204.5	205.9	197119	0.50	1.79	45.00	375.00	1.00	7.00	0.60	2.00	9.00	28.00	13.00	2.13	0.01	15.00	0.52	374.00
TL13317	205.9	207.4	197121	0.50	3.16	27.00	495.00	1.00	0.50	1.10	2.00	9.00	36.00	12.00	2.09	0.01	24.00	0.96	570.00
TL13317	270.4	271.9	197122	0.50	4.39	18.00	335.00	1.00	8.00	1.12	2.00	24.00	149.00	73.00	4.25	0.01	15.00	1.41	683.00
TL13317	271.9	273.0	197123	2.00	4.39	151.00	415.00	2.00	13.00	0.01	2.00	22.00	143.00	104.00	4.26	0.01	10.00	0.38	105.00
TL13317	273.0	274.5	197124	14.00	2.93	280.00	376.00	1.00	14.00	0.01	9.00	5.00	27.00	412.00	2.12	0.01	7.00	0.22	50.00
TL13317	274.5	276.0	197125	2.00	1.44	110.00	347.00	1.00	11.00	0.01	2.00	6.00	27.00	35.00	1.97	0.01	3.00	0.17	50.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13317	161.0	162.0	197084	3.00	31.00	352.00	42.00	0.49	2.50	9.00	5.00	42.00	1153.00	1.00	21.00	5.00	3.00	57.00
TL13317	162.0	163.5	197085	3.00	29.00	340.00	37.00	0.39	2.50	10.00	5.00	39.00	1189.00	1.00	21.00	5.00	3.00	64.00
TL13317	163.5	165.0	197086	3.00	35.00	397.00	286.00	0.73	2.50	12.00	5.00	37.00	1308.00	1.00	23.00	5.00	4.00	491.00
TL13317	165.0	166.5	197087	3.00	29.00	378.00	156.00	1.15	2.50	11.00	5.00	59.00	1230.00	1.00	23.00	5.00	4.00	225.00
TL13317	166.5	168.0	197088	4.00	31.00	431.00	27.00	0.41	2.50	7.00	5.00	56.00	1219.00	1.00	22.00	5.00	4.00	28.00
TL13317	168.0	169.5	197089	6.00	65.00	352.00	141.00	0.72	2.50	10.00	5.00	48.00	1101.00	1.00	20.00	5.00	3.00	152.00
TL13317	169.5	171.0	197091	5.00	50.00	303.00	345.00	0.78	2.50	14.00	5.00	59.00	979.00	1.00	17.00	11.00	3.00	615.00
TL13317	171.0	172.5	197092	4.00	54.00	267.00	4392.00	2.13	57.00	5.00	5.00	23.00	676.00	1.00	15.00	54.00	3.00	4147.00
TL13317	172.5	174.0	197093	4.00	45.00	295.00	371.00	0.79	2.50	7.00	5.00	26.00	849.00	1.00	15.00	5.00	3.00	394.00
TL13317	174.0	175.5	197094	10.00	50.00	257.00	1747.00	1.27	23.00	11.00	5.00	29.00	879.00	1.00	18.00	74.00	3.00	6901.00
TL13317	175.5	177.0	197096	3.00	32.00	383.00	53.00	0.38	2.50	10.00	5.00	76.00	1245.00	1.00	21.00	5.00	4.00	39.00
TL13317	175.5	177.0	197095	11.00	53.00	246.00	13977.0	1.66	85.00	10.00	5.00	34.00	853.00	1.00	18.00	80.00	3.00	7850.00
TL13317	177.0	178.5	197097	2.00	21.00	357.00	75.00	0.45	2.50	13.00	5.00	58.00	1308.00	1.00	21.00	125.00	4.00	389.00
TL13317	178.5	180.0	197098	4.00	29.00	404.00	31.00	1.91	2.50	6.00	5.00	124.00	1527.00	1.00	32.00	5.00	5.00	68.00
TL13317	180.0	181.5	197099	2.00	26.00	431.00	37.00	1.80	2.50	10.00	5.00	163.00	1503.00	1.00	34.00	5.00	6.00	72.00
TL13317	181.5	183.0	197101	3.00	33.00	385.00	16.00	1.28	2.50	5.00	5.00	134.00	1235.00	1.00	32.00	5.00	5.00	46.00
TL13317	183.0	184.0	197102	3.00	32.00	440.00	10.00	1.00	2.50	6.00	5.00	169.00	1167.00	6.00	31.00	5.00	4.00	25.00
TL13317	184.0	185.4	197103	5.00	43.00	466.00	11.00	1.24	2.50	12.00	5.00	185.00	1398.00	3.00	32.00	5.00	5.00	30.00
TL13317	185.4	186.9	197104	3.00	39.00	442.00	11.00	0.52	2.50	18.00	5.00	314.00	1470.00	3.00	35.00	5.00	6.00	74.00
TL13317	186.9	188.4	197105	2.00	33.00	429.00	6.00	0.35	2.50	7.00	5.00	269.00	1366.00	1.00	32.00	5.00	6.00	49.00
TL13317	188.4	189.9	197106	3.00	30.00	471.00	6.00	0.18	2.50	8.00	5.00	317.00	1808.00	1.00	38.00	5.00	6.00	52.00
TL13317	189.9	191.4	197107	3.00	34.00	478.00	16.00	0.75	2.50	6.00	5.00	246.00	1445.00	1.00	30.00	5.00	5.00	43.00
TL13317	191.4	192.9	197108	3.00	31.00	482.00	16.00	0.72	2.50	5.00	5.00	212.00	1192.00	1.00	22.00	5.00	5.00	36.00
TL13317	192.9	194.0	197109	7.00	69.00	579.00	28.00	2.12	2.50	2.50	5.00	243.00	1496.00	5.00	37.00	22.00	7.00	66.00
TL13317	194.0	195.5	197111	4.00	37.00	461.00	16.00	0.74	2.50	6.00	5.00	177.00	1259.00	1.00	30.00	5.00	4.00	42.00
TL13317	195.5	197.0	197112	4.00	41.00	572.00	10.00	1.81	2.50	11.00	5.00	210.00	1494.00	1.00	40.00	5.00	5.00	85.00
TL13317	197.0	198.5	197113	3.00	37.00	473.00	8.00	1.68	2.50	9.00	5.00	142.00	1304.00	2.00	29.00	5.00	5.00	43.00
TL13317	198.5	200.0	197114	2.00	26.00	338.00	8.00	1.37	2.50	2.50	5.00	58.00	825.00	1.00	17.00	5.00	3.00	47.00
TL13317	200.0	201.5	197115	4.00	45.00	387.00	7.00	1.18	2.50	7.00	5.00	122.00	1291.00	1.00	26.00	5.00	4.00	66.00
TL13317	200.0	201.5	197116	1.00	26.00	392.00	8.00	1.49	2.50	9.00	5.00	108.00	1404.00	1.00	27.00	5.00	4.00	71.00
TL13317	201.5	203.0	197117	3.00	29.00	413.00	12.00	1.57	2.50	9.00	5.00	154.00	1487.00	1.00	28.00	5.00	5.00	42.00
TL13317	203.0	204.5	197118	0.50	19.00	368.00	6.00	1.22	2.50	2.50	5.00	62.00	1091.00	1.00	24.00	5.00	4.00	23.00
TL13317	204.5	205.9	197119	2.00	24.00	435.00	8.00	1.95	2.50	13.00	5.00	162.00	1413.00	1.00	34.00	5.00	6.00	30.00
TL13317	205.9	207.4	197121	6.00	59.00	652.00	11.00	1.08	2.50	2.50	5.00	223.00	1575.00	1.00	39.00	5.00	6.00	205.00
TL13317	270.4	271.9	197122	5.00	103.00	478.00	89.00	1.49	2.50	8.00	5.00	64.00	1582.00	2.00	85.00	5.00	10.00	207.00
TL13317	271.9	273.0	197123	6.00	116.00	457.00	466.00	3.92	2.50	2.50	5.00	50.00	1151.00	1.00	94.00	15.00	8.00	768.00
TL13317	273.0	274.5	197124	4.00	37.00	374.00	1165.00	2.12	74.00	2.50	5.00	48.00	838.00	1.00	27.00	46.00	4.00	3272.00
TL13317	274.5	276.0	197125	4.00	36.00	329.00	211.00	1.86	9.00	5.00	5.00	39.00	685.00	1.00	22.00	11.00	3.00	591.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13317	276.0	277.5	197126	0.50	3.02	43.00	534.00	1.00	13.00	0.07	2.00	7.00	30.00	15.00	1.18	0.01	7.00	0.43	132.00
TL13317	277.5	279.0	197127	0.50	4.79	39.00	639.00	1.00	3.00	0.49	2.00	10.00	29.00	9.00	1.36	0.01	11.00	0.67	275.00
TL13317	279.0	280.5	197128	0.50	3.19	36.00	444.00	1.00	7.00	0.01	2.00	7.00	21.00	18.00	1.06	0.02	7.00	0.32	50.00
TL13317	280.5	282.0	197129	1.00	2.27	41.00	332.00	1.00	7.00	0.01	2.00	6.00	21.00	24.00	1.00	0.04	5.00	0.36	102.00
TL13317	282.0	283.5	197131	0.50	3.87	44.00	400.00	1.00	6.00	0.21	2.00	7.00	28.00	14.00	1.14	0.10	9.00	0.50	187.00
TL13317	283.5	285.0	197132	0.50	2.50	58.00	256.00	1.00	0.50	0.60	2.00	13.00	87.00	37.00	2.04	0.01	7.00	0.67	295.00
TL13317	285.0	286.5	197133	0.50	2.86	68.00	260.00	1.00	0.50	0.01	2.00	9.00	34.00	53.00	1.59	0.01	7.00	0.30	50.00
TL13317	286.5	288.0	197134	1.00	3.41	53.00	276.00	2.00	15.00	0.04	2.00	24.00	141.00	61.00	2.97	0.01	9.00	0.72	270.00
TL13317	288.0	289.5	197136	0.50	4.28	57.00	368.00	1.00	12.00	0.61	2.00	19.00	118.00	41.00	3.24	0.01	10.00	0.97	462.00
TL13317	288.0	289.5	197135	0.50	4.45	54.00	374.00	2.00	6.00	0.52	2.00	18.00	116.00	39.00	3.03	0.01	11.00	0.91	414.00
TL13317	289.5	291.0	197137	4.00	2.70	145.00	320.00	1.00	0.50	0.23	2.00	8.00	30.00	105.00	1.64	0.01	6.00	0.52	242.00
TL13317	291.0	292.5	197138	0.50	2.83	82.00	272.00	1.00	15.00	0.75	2.00	14.00	66.00	96.00	2.47	0.01	8.00	0.80	447.00
TL13317	292.5	294.0	197139	0.50	2.28	36.00	300.00	1.00	1.00	0.52	2.00	12.00	49.00	36.00	1.95	0.01	8.00	0.70	398.00
TL13317	294.0	295.5	197141	1.00	2.95	42.00	345.00	1.00	11.00	0.81	2.00	8.00	22.00	37.00	1.67	0.01	9.00	0.82	460.00
TL13317	295.5	297.0	197142	1.00	2.71	61.00	385.00	1.00	11.00	0.32	2.00	8.00	22.00	51.00	2.03	0.01	9.00	0.54	244.00
TL13317	297.0	298.5	197143	0.50	3.30	27.00	316.00	1.00	0.50	1.99	2.00	6.00	20.00	19.00	1.74	0.01	11.00	1.35	659.00
TL13317	298.5	300.0	197144	0.50	3.25	45.00	351.00	2.00	8.00	1.39	2.00	8.00	18.00	16.00	2.18	0.01	11.00	1.08	518.00
TL13317	300.0	301.5	197145	3.00	2.38	86.00	260.00	1.00	7.00	0.01	2.00	15.00	82.00	71.00	2.51	0.01	7.00	0.35	102.00
TL13317	301.5	303.0	197146	4.00	2.56	139.00	242.00	1.00	9.00	0.01	4.00	13.00	66.00	198.00	2.78	0.01	8.00	0.37	151.00
TL13317	303.0	304.3	197147	0.50	2.50	42.00	204.00	1.00	0.50	0.60	2.00	7.00	24.00	42.00	1.62	0.09	9.00	0.65	342.00
TL13317	304.3	305.8	197148	0.50	3.65	45.00	244.00	1.00	4.00	1.01	2.00	9.00	20.00	7.00	1.76	0.01	14.00	0.84	438.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13317	276.0	277.5	197126	4.00	41.00	398.00	45.00	0.77	2.50	6.00	5.00	61.00	976.00	1.00	28.00	5.00	5.00	316.00
TL13317	277.5	279.0	197127	3.00	43.00	571.00	42.00	0.68	2.50	15.00	5.00	77.00	1462.00	1.00	35.00	5.00	6.00	72.00
TL13317	279.0	280.5	197128	3.00	30.00	504.00	45.00	0.74	2.50	10.00	5.00	54.00	1112.00	1.00	29.00	5.00	5.00	60.00
TL13317	280.5	282.0	197129	2.00	26.00	427.00	77.00	0.70	2.50	10.00	5.00	56.00	939.00	1.00	25.00	5.00	4.00	251.00
TL13317	282.0	283.5	197131	4.00	36.00	454.00	54.00	0.61	2.50	13.00	5.00	65.00	1269.00	1.00	31.00	5.00	6.00	80.00
TL13317	283.5	285.0	197132	4.00	68.00	358.00	40.00	1.23	2.50	6.00	5.00	67.00	1113.00	1.00	46.00	5.00	7.00	71.00
TL13317	285.0	286.5	197133	2.00	38.00	392.00	33.00	1.30	2.50	8.00	5.00	44.00	1091.00	1.00	34.00	5.00	5.00	369.00
TL13317	286.5	288.0	197134	4.00	98.00	531.00	50.00	1.70	2.50	2.50	5.00	57.00	1203.00	1.00	76.00	5.00	9.00	69.00
TL13317	288.0	289.5	197136	4.00	84.00	481.00	67.00	2.02	2.50	6.00	5.00	82.00	1427.00	1.00	75.00	5.00	9.00	223.00
TL13317	288.0	289.5	197135	4.00	86.00	469.00	57.00	1.85	2.50	13.00	5.00	78.00	1434.00	1.00	75.00	5.00	9.00	197.00
TL13317	289.5	291.0	197137	3.00	34.00	375.00	365.00	1.31	24.00	2.50	5.00	71.00	1106.00	1.00	30.00	13.00	5.00	795.00
TL13317	291.0	292.5	197138	4.00	56.00	426.00	94.00	1.77	2.50	10.00	5.00	91.00	1191.00	1.00	44.00	5.00	8.00	161.00
TL13317	292.5	294.0	197139	3.00	48.00	428.00	70.00	1.26	2.50	5.00	5.00	70.00	1267.00	1.00	40.00	5.00	8.00	189.00
TL13317	294.0	295.5	197141	3.00	39.00	452.00	93.00	1.08	2.50	10.00	5.00	101.00	1341.00	4.00	29.00	5.00	5.00	171.00
TL13317	295.5	297.0	197142	3.00	37.00	473.00	98.00	1.56	2.50	8.00	5.00	73.00	1422.00	1.00	28.00	5.00	5.00	84.00
TL13317	297.0	298.5	197143	2.00	31.00	469.00	45.00	0.73	2.50	8.00	5.00	114.00	1243.00	1.00	30.00	5.00	5.00	84.00
TL13317	298.5	300.0	197144	1.00	27.00	471.00	99.00	1.19	2.50	2.50	5.00	109.00	1482.00	1.00	30.00	5.00	5.00	134.00
TL13317	300.0	301.5	197145	3.00	60.00	413.00	407.00	1.95	2.50	2.50	5.00	48.00	1430.00	1.00	55.00	5.00	8.00	371.00
TL13317	301.5	303.0	197146	3.00	52.00	399.00	287.00	2.51	2.50	7.00	5.00	48.00	1461.00	1.00	44.00	22.00	8.00	1284.00
TL13317	303.0	304.3	197147	3.00	34.00	377.00	40.00	1.08	2.50	5.00	5.00	65.00	1321.00	1.00	29.00	5.00	5.00	132.00
TL13317	304.3	305.8	197148	2.00	35.00	482.00	24.00	1.00	2.50	15.00	5.00	79.00	1625.00	1.00	31.00	5.00	6.00	61.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13317	4.5	33.4	28.9	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13317	4.5	33.4	28.9	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13317	4.5	33.4	28.9	PO	BLB	0.1	Trace po blebs found in and along the margins of qtz/qtz-chl veins
TL13317	4.5	33.4	28.9	PY	DISS	0.1	Trace disseminated py
TL13317	32.0	33.4	1.4	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers towards lower contact
TL13317	33.4	37.7	4.3	PY	DISS	1	1% disseminated py throughout the interval
TL13317	33.4	37.7	4.3	PY	ST	2	2% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13317	33.4	37.7	4.3	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13317	33.4	37.7	4.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13317	37.7	52.9	15.2	SPH	ST	0.1	Very trace amounts of sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13317	37.7	52.9	15.2	PY	DISS	0.1	Trace disseminated py
TL13317	37.7	52.9	15.2	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13317	48.0	52.9	4.9	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers close to lower MSS contact
TL13317	52.9	79.4	26.5	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented along foliation
TL13317	52.9	79.4	26.5	PY	DISS	0.1	Trace disseminated py
TL13317	79.4	108.2	28.7	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-chl veins
TL13317	79.4	108.2	28.7	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13317	79.4	108.2	28.7	PY	DISS	0.1	Trace disseminated py
TL13317	84.0	87.0	3.0	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13317	84.0	87.0	3.0	CP	BLB	0.1	Trace cpy blebs associated w/ gal and po
TL13317	84.0	87.0	3.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13317	108.2	139.5	31.3	PY	ST	1	1% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13317	109.0	117.0	8.0	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13317	109.0	117.0	8.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13317	139.5	185.4	45.9	SPH	ST	1	1% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13317	139.5	185.4	45.9	PY	DISS	2	2% disseminated py throughout the interval
TL13317	139.5	185.4	45.9	PY	ST	3	3% py in 1-12mm wide stringers oriented semi-parallel to foliation
TL13317	139.5	185.4	45.9	CP	BLB	0.1	Trace cpy blebs found in and along the margins of qtz veins w/ gal
TL13317	139.5	185.4	45.9	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13317	161.4	161.5	0.1	AU	BLB	0.1	Trace VG in 2mm wide speck found along with gal/ sph and py in large stringer in highly silicified zone. it is found at 161.46m depth
TL13317	185.4	195.6	10.2	PY	DISS	0.1	Trace disseminated py
TL13317	185.4	195.6	10.2	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13317	195.6	205.9	10.3	PY	DISS	0.1	Trace disseminated py
TL13317	195.6	205.9	10.3	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13317	205.9	271.9	66.0	PY	DISS	0.1	Trace disseminated pyrite
TL13317	205.9	271.9	66.0	PY	ST	0.1	Trace py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13317	205.9	271.9	66.0	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13317	271.9	304.3	32.4	SPH	ST	1	1% sph in 1-7mm wide stringers oriented semi-parallel to foliation
TL13317	271.9	304.3	32.4	PY	DISS	2	2% disseminated py
TL13317	271.9	304.3	32.4	PY	ST	3	3% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13317	271.9	304.3	32.4	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-chl veins and found w/ po or gal
TL13317	271.9	304.3	32.4	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-chl veins and w/ cpy
TL13317	271.9	304.3	32.4	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers and w/ cpy in qtz veins
TL13317	304.3	321.0	16.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-chl veins found w/ po
TL13317	304.3	321.0	16.7	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-chl veins
TL13317	304.3	321.0	16.7	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13317	304.3	321.0	16.7	PY	DISS	0.1	Trace disseminated py

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13317	4.5	33.4	28.9	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	4.5	33.4	28.9	FR	Very Weak	90	V> weak fracture set coss cutting foliation at 90 deg TCA
TL13317	33.4	37.7	4.3	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	33.4	37.7	4.3	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL13317	37.7	50.5	12.8	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	50.5	52.9	2.4	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13317	52.9	79.4	26.5	FR	Very Weak	85	V. weak fracture set cross cutting foliation at 85 deg TCA
TL13317	52.9	79.4	26.5	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	52.9	79.4	26.5	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13317	52.9	79.4	26.5	FR	Very Weak	20	V. weak fracture set cross cutting foliation at 20 deg TCA
TL13317	79.4	108.2	28.7	FR	Very Weak	75	V. weak fracture set cross cutting foliation at 75 deg TCA
TL13317	79.4	108.2	28.7	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13317	79.4	108.2	28.7	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	108.2	139.5	31.3	FOL	Very Strong	30	V. strong foliation at 30 deg TCA
TL13317	139.5	185.4	45.9	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	139.5	185.4	45.9	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL13317	139.5	185.4	45.9	FR	Weak	70	Weak fracture set cross cutting foliation at 70 deg TCA
TL13317	185.4	195.6	10.2	FOL	Weak	30	Weak foliation at 30 deg TCA
TL13317	185.4	195.6	10.2	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13317	195.6	205.9	10.3	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13317	205.9	213.0	7.1	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	205.9	271.9	66.0	FR	Weak	90	Weak fracture set cross cutting foliation at 90 deg TCA
TL13317	213.0	267.4	54.4	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13317	267.4	271.0	3.6	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	271.9	280.1	8.2	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13317	276.5	276.7	0.2	FTZ	Weak	35	Weak fault zone oriented along foliation and infilled w/ gouge
TL13317	280.1	289.8	9.7	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13317	289.8	300.0	10.3	FOL	Strong	35	Strong foliation at 35 deg TCA
TL13317	300.0	304.3	4.3	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13317	304.3	321.0	16.7	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13317	304.3	321.0	16.7	FOL	Strong	35	Strong foliation at 35 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13317	4.5	33.4	28.9	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13317	4.5	33.4	28.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13317	33.4	34.8	1.4	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13317	33.4	37.7	4.3	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13317	34.8	37.7	2.9	SI	Patchy	Weak	Weak patchy sil alt
TL13317	52.9	79.4	26.5	SI	Pervasive	Strong	Strong pervasive sil alt
TL13317	52.9	79.4	26.5	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13317	79.4	109.0	29.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13317	79.4	109.0	29.6	SI	Patchy	Very Strong	Strong to very strong patchy sil alt, weak where ser alt is present
TL13317	109.0	117.0	8.0	SI	Patchy	Weak	Weak to very weak patchy sil alt
TL13317	109.0	117.0	8.0	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13317	117.0	139.5	22.5	SI	Patchy	Strong	Strong patchy sil alt
TL13317	117.0	139.5	22.5	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13317	139.5	167.0	27.5	SI	Patchy	Weak	Weak patchy sil alt
TL13317	139.5	185.4	45.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13317	167.0	185.4	18.4	SI	Patchy	Strong	Strong patchy sil alt
TL13317	185.4	195.6	10.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13317	185.4	195.6	10.2	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13317	195.6	205.9	10.3	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL13317	195.6	205.9	10.3	SI	Patchy	Very Strong	Strong to very strong patchy sil alt
TL13317	205.9	228.2	22.3	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13317	205.9	271.9	66.0	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL13317	228.2	235.2	7.0	SI	Patchy	Weak	Weak patchy sil alt
TL13317	235.2	271.0	35.8	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13317	271.9	281.4	9.5	SI	Patchy	Moderate	Moderate to strong patchy sil alt
TL13317	271.9	304.3	32.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13317	281.4	296.0	14.6	SI	Patchy	Weak	Weak patchy sil alt
TL13317	296.0	304.3	8.3	SI	Patchy	Moderate	Moderate patchy sil alt
TL13317	304.3	321.0	16.7	SI	Patchy	Strong	Strong patchy silification
TL13317	304.3	321.0	16.7	SR	Patchy	Very Weak	V. weak patchy ser alt, ~12-15% ser to 85-88% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13317	6	9	3	2.96	2.14	98.67	71.33	21	
TL13317	9	12	3	3.01	2.9	100.33	96.67	5	
TL13317	12	15	3	2.99	2.82	99.67	94	5	
TL13317	15	18	3	3.04	2.66	101.33	88.67	9	
TL13317	18	21	3	3	2.85	100	95	7	
TL13317	21	24	3	2.9	2.32	96.67	77.33	15	
TL13317	24	27	3	3.08	2.74	102.67	91.33	13	
TL13317	27	30	3	3	2.77	100	92.33	13	
TL13317	30	33	3	3.02	2.9	100.67	96.67	8	
TL13317	33	36	3	3	2.65	100	88.33	12	
TL13317	36	39	3	3.01	2.62	100.33	87.33	14	
TL13317	39	42	3	2.98	2.93	99.33	97.67	5	
TL13317	42	45	3	3.01	3.01	100.33	100.33	6	
TL13317	45	48	3	3	3	100	100	3	
TL13317	48	51	3	2.9	2.68	96.67	89.33	9	
TL13317	51	54	3	2.99	2.9	99.67	96.67	9	
TL13317	54	57	3	3.04	2.21	101.33	73.67	16	
TL13317	57	60	3	2.98	2.91	99.33	97	8	
TL13317	60	63	3	2.97	2.97	99	99	6	
TL13317	63	66	3	2.95	2.85	98.33	95	6	
TL13317	66	69	3	2.96	2.89	98.67	96.33	6	
TL13317	69	72	3	3.06	3.06	102	102	5	
TL13317	72	75	3	2.99	2.99	99.67	99.67	2	
TL13317	75	78	3	3	2.79	100	93	7	
TL13317	78	81	3	3	2.84	100	94.67	3	
TL13317	81	84	3	2.99	2.86	99.67	95.33	5	
TL13317	84	87	3	2.97	2.97	99	99	3	
TL13317	87	90	3	3.02	2.91	100.67	97	5	
TL13317	90	93	3	2.98	2.89	99.33	96.33	10	
TL13317	93	96	3	2.99	2.89	99.67	96.33	8	
TL13317	96	99	3	2.96	2.96	98.67	98.67	4	
TL13317	99	102	3	3.04	3.04	101.33	101.33	2	
TL13317	102	105	3	2.62	2.53	87.33	84.33	6	
TL13317	105	108	3	2.95	2.66	98.33	88.67	6	
TL13317	108	111	3	3.29	3.27	109.67	109	8	
TL13317	111	114	3	3.08	2.94	102.67	98	6	
TL13317	114	117	3	2.99	2.99	99.67	99.67	3	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13317	117	120	3	2.98	2.69	99.33	89.67	4	
TL13317	120	123	3	2.94	2.79	98	93	6	
TL13317	123	126	3	3	2.79	100	93	3	
TL13317	126	129	3	2.98	2.91	99.33	97	4	
TL13317	129	132	3	2.98	2.9	99.33	96.67	4	
TL13317	132	135	3	2.99	2.9	99.67	96.67	5	
TL13317	135	138	3	2.95	2.9	98.33	96.67	2	
TL13317	138	141	3	3.01	2.87	100.33	95.67	6	
TL13317	141	144	3	2.94	2.65	98	88.33	7	
TL13317	144	147	3	3	2.96	100	98.67	5	
TL13317	147	150	3	2.98	2.92	99.33	97.33	8	
TL13317	150	153	3	2.96	2.79	98.67	93	7	
TL13317	153	156	3	3.01	1.98	100.33	66	11	
TL13317	156	159	3	3.03	2.59	101	86.33	12	
TL13317	159	162	3	2.98	2.71	99.33	90.33	10	
TL13317	162	165	3	3.02	2.65	100.67	88.33	7	
TL13317	165	168	3	2.98	2.98	99.33	99.33	5	
TL13317	168	171	3	2.93	2.59	97.67	86.33	9	
TL13317	171	174	3	3.04	3.04	101.33	101.33	10	
TL13317	174	177	3	3.05	2.6	101.67	86.67	11	
TL13317	177	180	3	2.9	2.55	96.67	85	10	
TL13317	180	183	3	3.05	2.94	101.67	98	7	
TL13317	183	186	3	2.97	2.94	99	98	4	
TL13317	186	189	3	2.93	2.84	97.67	94.67	8	
TL13317	189	192	3	2.98	2.9	99.33	96.67	4	
TL13317	192	195	3	3.01	2.88	100.33	96	7	
TL13317	195	198	3	2.99	2.91	99.67	97	6	
TL13317	198	201	3	3.01	2.95	100.33	98.33	4	
TL13317	201	204	3	2.98	2.82	99.33	94	5	
TL13317	204	207	3	3.01	2.83	100.33	94.33	5	
TL13317	207	210	3	2.92	2.41	97.33	80.33	12	
TL13317	210	213	3	3.01	2.93	100.33	97.67	6	
TL13317	213	216	3	2.97	2.89	99	96.33	5	
TL13317	216	219	3	2.97	2.88	99	96	4	
TL13317	219	222	3	2.99	2.59	99.67	86.33	8	
TL13317	222	225	3	2.97	2.89	99	96.33	4	
TL13317	225	228	3	3.04	2.98	101.33	99.33	6	
TL13317	228	231	3	2.91	2.83	97	94.33	9	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13317	231	234	3	2.98	2.83	99.33	94.33	5	
TL13317	234	237	3	3.1	2.92	103.33	97.33	6	
TL13317	237	240	3	2.86	2.6	95.33	86.67	5	
TL13317	240	243	3	3	2.77	100	92.33	7	
TL13317	243	246	3	2.97	2.85	99	95	6	
TL13317	246	249	3	2.91	2.73	97	91	8	
TL13317	249	252	3	3.01	2.61	100.33	87	7	
TL13317	252	255	3	3.06	2.83	102	94.33	6	
TL13317	255	258	3	2.9	2.7	96.67	90	5	
TL13317	258	261	3	2.99	2.35	99.67	78.33	9	
TL13317	261	264	3	3.01	2.79	100.33	93	7	
TL13317	264	267	3	3	2.63	100	87.67	7	
TL13317	267	270	3	2.97	2.61	99	87	9	
TL13317	270	273	3	3.04	2.55	101.33	85	10	
TL13317	273	276	3	3.01	2.52	100.33	84	12	
TL13317	276	279	3	2.97	2.05	99	68.33	33	
TL13317	279	282	3	3.06	1.66	102	55.33	16	
TL13317	282	285	3	3	2.62	100	87.33	9	
TL13317	285	288	3	2.93	2.02	97.67	67.33	22	
TL13317	288	291	3	3.01	2.43	100.33	81	13	
TL13317	291	294	3	3.09	2.52	103	84	9	
TL13317	294	297	3	2.97	2.55	99	85	11	
TL13317	297	300	3	2.98	2.56	99.33	85.33	9	
TL13317	300	303	3	3.06	2.53	102	84.33	10	
TL13317	303	306	3	3	2.52	100	84	10	
TL13317	306	309	3	2.97	2.91	99	97	5	
TL13317	309	312	3	3.05	2.65	101.67	88.33	6	
TL13317	312	315	3	3	2.75	100	91.67	4	
TL13317	315	318	3	2.98	2.9	99.33	96.67	5	
TL13317	318	321	3	2.98	2.66	99.33	88.67	5	

Hole Number: TL13318

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
9.88	46.43	BMS, Biotite Muscovite Schist This BMS unit starts out with 2.12m of headwall MSS where sericitic alteration is very strong and patchy. After that there is weak to very weak patchy sericitic alteration and weak to strong and back to weak patchy silicification. This unit contains about 1% disseminated pyrite, 1% pyrite in stringers, trace to 1% sphalerite in stringers and trace pyrrhotite blebs.	1328615	9.90	11.00	1.10	0.02				
			1328616	9.90	11.00	1.10	0.02				
			1328617	11.00	12.00	1.00	0.01				
			1328618	12.00	13.50	1.50	0.04				
			1328619	13.50	15.00	1.50	0.19				
			1328621	15.00	16.50	1.50	0.16				
			1328622	16.50	18.00	1.50	0.15				
			1328623	18.00	19.50	1.50	0.24				
			1328624	19.50	21.00	1.50	0.03				
			1328625	21.00	22.50	1.50	0.04				
			1328626	22.50	24.00	1.50	0.02				
			1328627	24.00	25.50	1.50	0.01				
			1328628	25.50	27.00	1.50	0.02				
			1328629	27.00	28.50	1.50	0.08				
			1328631	28.50	30.00	1.50	0.01				
			1328632	30.00	31.50	1.50	0.01				
			1328633	31.50	33.00	1.50	0.03				
			1328634	33.00	34.50	1.50	0.01				
			1328635	34.50	36.00	1.50	0.02				
			1328636	34.50	36.00	1.50	0.01				
			1328637	36.00	37.50	1.50	0.05				
			1328638	37.50	39.00	1.50	0.07				
			1328639	39.00	40.50	1.50	0.24				
			1328641	40.50	42.00	1.50	0.15				
			1328642	42.00	43.50	1.50	0.04				
			1328643	43.50	45.00	1.50	0.11				
			1328644	45.00	46.50	1.50	0.02				
46.43	52.40	MSS, Muscovite Sericite Schist MSS Main-Zone from 46.43m-52.40m This Main-Zone is very narrow and has very strong patchy sericitic alteration and strong patchy silicification. This unit contains about 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers and trace galena blebs.	1328645	46.50	48.00	1.50	0.46				
			1328646	48.00	49.00	1.00	1.32				
			1328647	49.00	50.00	1.00	0.25				
			1328648	50.00	51.00	1.00	1.82				
			1328649	51.00	52.40	1.40	0.55				
52.40	61.12	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and weak patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, and 1% pyrite in stringers.	1328651	52.40	53.90	1.50	0.17				
			1328652	53.90	55.00	1.10	0.19				
			1328653	55.00	56.50	1.50	0.12				
			1328654	56.50	58.00	1.50	0.23				
			1328655	58.00	59.50	1.50	0.07				
			1328656	58.00	59.50	1.50	0.09				
			1328657	59.50	61.00	1.50	0.16				
			1328658	61.00	62.50	1.50	0.40				

Hole Number: TL13318

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
61.12	83.66	MSS, Muscovite Sericite Schist MSS C-Zone from 61.12m-83.66m This C-Zone MSS unit has very strong patchy sericitic alteration and moderate patchy silicification. This unit is moderately mineralized with 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs found alongside the sphalerite.	1328659	62.50	64.00	1.50	0.09				
			1328661	64.00	65.00	1.00	0.10				
			1328662	65.00	66.00	1.00	0.09				
			1328663	66.00	67.50	1.50	0.05				
			1328664	67.50	69.00	1.50	0.03				
			1328665	69.00	70.50	1.50	0.03				
			1328666	70.50	72.00	1.50	0.07				
			1328667	72.00	73.50	1.50	2.66				
			1328668	73.50	75.00	1.50	1.34				
			1328669	75.00	76.50	1.50	0.35				
			1328671	76.50	78.00	1.50	0.37				
			1328672	78.00	79.50	1.50	0.26				
			1328673	79.50	81.00	1.50	0.11				
			1328674	81.00	82.50	1.50	0.18				
			1328676	82.50	83.50	1.00	5.37				
			1328675	82.50	83.50	1.00	9.91				
			1328677	83.50	85.00	1.50	0.21				
83.66	198.00	BMS, Biotite Muscovite Schist This BMS unit has weak to very strong patchy to pervasive silicification and very weak patchy sericitic alteration. This unit is very poorly mineralized with trace sphalerite in stringers, trace disseminated pyrite, trace pyrite stringers, trace pyrrhotite blebs and trace chalcopyrite blebs.	1328678	85.00	86.50	1.50	0.06				
			1328679	86.50	88.00	1.50	0.03				
			1328681	88.00	89.50	1.50	0.02				
			1328682	89.50	91.00	1.50	0.02				
			1328683	91.00	92.50	1.50	0.06				
			1328684	92.50	94.00	1.50	0.06				
			1328685	94.00	95.50	1.50	0.02				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328615	9.90	11.00	0.0200				
1328617	11.00	12.00	0.0100				
1328618	12.00	13.50	0.0400				
1328619	13.50	15.00	0.1900				
1328621	15.00	16.50	0.1600				
1328622	16.50	18.00	0.1500				
1328623	18.00	19.50	0.2400				
1328624	19.50	21.00	0.0300				
1328625	21.00	22.50	0.0400				
1328626	22.50	24.00	0.0200				
1328627	24.00	25.50	0.0100				
1328628	25.50	27.00	0.0200				
1328629	27.00	28.50	0.0800				

Hole Number: TL13318

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328631	28.50	30.00	0.0100				
1328632	30.00	31.50	0.0100				
1328633	31.50	33.00	0.0300				
1328634	33.00	34.50	0.0100				
1328635	34.50	36.00	0.0200				
1328637	36.00	37.50	0.0500				
1328638	37.50	39.00	0.0700				
1328639	39.00	40.50	0.2400				
1328641	40.50	42.00	0.1500				
1328642	42.00	43.50	0.0400				
1328643	43.50	45.00	0.1100				
1328644	45.00	46.50	0.0200				
1328645	46.50	48.00	0.4600				
1328646	48.00	49.00	1.3200				
1328647	49.00	50.00	0.2500				
1328648	50.00	51.00	1.8200				
1328649	51.00	52.40	0.5500				
1328651	52.40	53.90	0.1700				
1328652	53.90	55.00	0.1900				
1328653	55.00	56.50	0.1200				
1328654	56.50	58.00	0.2300				
1328655	58.00	59.50	0.0700				
1328657	59.50	61.00	0.1600				
1328658	61.00	62.50	0.4000				
1328659	62.50	64.00	0.0900				
1328661	64.00	65.00	0.1000				
1328662	65.00	66.00	0.0900				
1328663	66.00	67.50	0.0500				
1328664	67.50	69.00	0.0300				
1328665	69.00	70.50	0.0300				
1328666	70.50	72.00	0.0700				
1328667	72.00	73.50	2.6600				
1328668	73.50	75.00	1.3400				
1328669	75.00	76.50	0.3500				
1328671	76.50	78.00	0.3700				
1328672	78.00	79.50	0.2600				
1328673	79.50	81.00	0.1100				
1328674	81.00	82.50	0.1800				
1328675	82.50	83.50	9.9100				

Hole Number: TL13318

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328677	83.50	85.00	0.2100				
1328678	85.00	86.50	0.0600				
1328679	86.50	88.00	0.0300				
1328681	88.00	89.50	0.0200				
1328682	89.50	91.00	0.0200				
1328683	91.00	92.50	0.0600				
1328684	92.50	94.00	0.0600				
1328685	94.00	95.50	0.0200				
Sample Type	CDUP						
1328616	9.90	11.00	0.0200				
1328636	34.50	36.00	0.0100				
1328656	58.00	59.50	0.0900				
1328676	82.50	83.50	5.3700				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13318	9.9	11.0	1328616	0.70	7.39	35.00	770.00	1.60	2.00	1.99	0.50	10.00	8.00	11.00	1.47	2.74		0.60	353.00
TL13318	9.9	11.0	1328615	0.90	7.18	32.00	670.00	1.60	2.00	1.93	0.50	9.00	8.00	12.00	1.42	2.62		0.64	362.00
TL13318	11.0	12.0	1328617	1.90	8.33	30.00	570.00	1.50	2.00	1.73	0.50	23.00	8.00	22.00	1.00	2.81		0.51	289.00
TL13318	12.0	13.5	1328618	0.50	7.07	13.00	480.00	1.20	2.00	2.37	0.50	20.00	126.00	53.00	3.83	2.22		1.20	584.00
TL13318	13.5	15.0	1328619	0.50	7.36	15.00	550.00	1.30	2.00	3.92	0.50	15.00	63.00	58.00	3.29	2.45		1.78	982.00
TL13318	15.0	16.5	1328621	3.60	6.60	17.00	1080.00	1.10	2.00	2.82	1.90	4.00	8.00	110.00	1.73	3.13		1.79	1125.00
TL13318	16.5	18.0	1328622	0.50	6.81	10.00	820.00	0.90	2.00	1.83	0.50	3.00	7.00	24.00	1.28	2.72		1.30	609.00
TL13318	18.0	19.5	1328623	0.50	6.88	13.00	550.00	0.80	2.00	1.50	0.50	4.00	7.00	23.00	1.42	2.66		1.75	634.00
TL13318	19.5	21.0	1328624	0.50	6.69	13.00	580.00	0.90	2.00	2.05	0.50	4.00	6.00	11.00	1.44	2.28		1.52	685.00
TL13318	21.0	22.5	1328625	0.60	6.60	21.00	630.00	0.90	2.00	1.60	1.10	4.00	7.00	34.00	1.42	2.56		1.37	537.00
TL13318	22.5	24.0	1328626	0.50	7.16	11.00	730.00	1.00	2.00	2.26	0.50	5.00	12.00	45.00	1.55	2.62		1.28	568.00
TL13318	24.0	25.5	1328627	0.50	6.85	9.00	710.00	0.90	2.00	2.74	3.00	4.00	7.00	31.00	1.47	2.71		1.54	708.00
TL13318	25.5	27.0	1328628	0.50	6.59	10.00	580.00	0.80	2.00	1.82	0.50	4.00	8.00	16.00	1.33	2.28		1.02	485.00
TL13318	27.0	28.5	1328629	0.50	6.72	15.00	660.00	0.90	2.00	1.76	0.50	5.00	9.00	12.00	1.27	2.61		1.09	526.00
TL13318	28.5	30.0	1328631	0.50	4.66	5.00	440.00	0.60	2.00	1.36	0.50	3.00	11.00	9.00	0.99	1.79		0.92	470.00
TL13318	30.0	31.5	1328632	0.80	6.41	8.00	540.00	0.90	2.00	3.35	2.20	4.00	10.00	43.00	1.88	1.83		2.03	1085.00
TL13318	31.5	33.0	1328633	0.50	6.83	14.00	640.00	0.90	2.00	1.50	0.50	5.00	11.00	9.00	1.41	2.95		1.22	522.00
TL13318	33.0	34.5	1328634	0.50	7.04	13.00	670.00	1.00	2.00	2.34	0.50	4.00	7.00	13.00	1.34	2.92		1.37	536.00
TL13318	34.5	36.0	1328635	0.50	7.17	12.00	630.00	1.00	2.00	2.10	0.50	4.00	6.00	11.00	1.40	2.93		1.42	520.00
TL13318	34.5	36.0	1328636	0.50	7.21	6.00	630.00	1.00	2.00	2.05	0.50	4.00	9.00	9.00	1.38	2.88		1.46	521.00
TL13318	36.0	37.5	1328637	0.50	6.90	7.00	590.00	0.90	2.00	1.69	0.50	5.00	8.00	3.00	1.39	2.76		1.56	506.00
TL13318	37.5	39.0	1328638	0.50	6.37	18.00	490.00	0.90	2.00	1.44	0.50	4.00	7.00	8.00	1.62	2.66		2.29	691.00
TL13318	39.0	40.5	1328639	0.50	6.30	21.00	460.00	0.90	2.00	2.36	3.20	5.00	7.00	20.00	1.96	2.45		3.03	1060.00
TL13318	40.5	42.0	1328641	0.50	6.42	22.00	650.00	0.80	2.00	2.11	0.50	4.00	7.00	26.00	1.37	2.65		1.71	580.00
TL13318	42.0	43.5	1328642	0.50	6.86	11.00	720.00	1.00	2.00	1.95	1.40	4.00	7.00	15.00	1.39	2.70		1.50	486.00
TL13318	43.5	45.0	1328643	0.50	6.91	6.00	670.00	1.20	2.00	0.99	0.90	4.00	8.00	17.00	1.52	3.30		1.95	494.00
TL13318	45.0	46.5	1328644	0.50	6.60	19.00	590.00	1.10	2.00	1.43	0.60	4.00	7.00	25.00	1.34	2.47		1.26	518.00
TL13318	46.5	48.0	1328645	2.80	6.60	54.00	570.00	0.90	2.00	0.85	3.30	4.00	8.00	64.00	1.99	3.14		0.98	423.00
TL13318	48.0	49.0	1328646	16.30	6.77	65.00	510.00	1.00	2.00	1.03	5.00	4.00	8.00	51.00	1.54	2.94		0.90	356.00
TL13318	49.0	50.0	1328647	1.60	6.77	41.00	470.00	1.10	2.00	1.05	0.50	9.00	50.00	22.00	2.31	2.98		1.22	426.00
TL13318	50.0	51.0	1328648	2.30	7.16	65.00	400.00	1.40	2.00	1.19	3.70	18.00	98.00	93.00	3.45	2.98		1.49	392.00
TL13318	51.0	52.4	1328649	1.70	6.19	67.00	300.00	0.80	2.00	0.53	4.00	12.00	82.00	56.00	2.49	2.67		0.84	171.00
TL13318	52.4	53.9	1328651	3.00	7.48	42.00	330.00	1.00	4.00	0.82	0.50	19.00	127.00	52.00	3.98	3.14		1.96	449.00
TL13318	53.9	55.0	1328652	0.90	7.27	55.00	360.00	1.10	2.00	0.40	0.50	23.00	117.00	25.00	4.07	3.22		1.46	502.00
TL13318	55.0	56.5	1328653	0.70	6.66	42.00	330.00	0.90	2.00	0.75	0.50	16.00	112.00	45.00	3.40	2.73		1.93	481.00
TL13318	56.5	58.0	1328654	3.30	6.96	65.00	380.00	1.00	2.00	1.09	0.50	13.00	69.00	52.00	3.40	2.99		2.93	435.00
TL13318	58.0	59.5	1328655	0.50	7.21	33.00	430.00	1.40	2.00	0.79	0.50	7.00	14.00	8.00	2.12	2.95		2.17	342.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13318	9.9	11.0	1328616	3.00	7.00	570.00	51.00	0.99	5.00			235.00		10.00	35.00	10.00		49.00
TL13318	9.9	11.0	1328615	3.00	8.00	560.00	49.00	0.92	5.00			232.00		10.00	36.00	10.00		58.00
TL13318	11.0	12.0	1328617	5.00	20.00	660.00	37.00	0.53	5.00			244.00		10.00	42.00	10.00		51.00
TL13318	12.0	13.5	1328618	2.00	58.00	590.00	20.00	1.24	5.00			159.00		10.00	93.00	10.00		85.00
TL13318	13.5	15.0	1328619	2.00	38.00	470.00	32.00	1.00	5.00			194.00		10.00	67.00	10.00		138.00
TL13318	15.0	16.5	1328621	3.00	5.00	330.00	1025.00	0.86	5.00			124.00		10.00	24.00	10.00		695.00
TL13318	16.5	18.0	1328622	1.00	4.00	340.00	90.00	0.39	5.00			111.00		10.00	24.00	10.00		178.00
TL13318	18.0	19.5	1328623	1.00	5.00	330.00	81.00	0.40	5.00			107.00		10.00	24.00	10.00		201.00
TL13318	19.5	21.0	1328624	1.00	5.00	320.00	228.00	0.53	5.00			106.00		10.00	23.00	10.00		95.00
TL13318	21.0	22.5	1328625	1.00	5.00	320.00	247.00	0.72	5.00			103.00		10.00	23.00	10.00		559.00
TL13318	22.5	24.0	1328626	1.00	6.00	330.00	38.00	0.47	5.00			107.00		10.00	26.00	10.00		168.00
TL13318	24.0	25.5	1328627	1.00	6.00	330.00	93.00	0.49	5.00			116.00		10.00	24.00	10.00		988.00
TL13318	25.5	27.0	1328628	1.00	6.00	330.00	19.00	0.36	5.00			93.00		10.00	24.00	10.00		121.00
TL13318	27.0	28.5	1328629	1.00	5.00	320.00	56.00	0.45	5.00			106.00		10.00	24.00	10.00		78.00
TL13318	28.5	30.0	1328631	2.00	4.00	200.00	64.00	0.24	5.00			68.00		10.00	15.00	10.00		104.00
TL13318	30.0	31.5	1328632	3.00	7.00	470.00	308.00	0.62	5.00			137.00		10.00	20.00	10.00		878.00
TL13318	31.5	33.0	1328633	1.00	5.00	330.00	30.00	0.69	5.00			87.00		10.00	23.00	10.00		227.00
TL13318	33.0	34.5	1328634	1.00	5.00	340.00	33.00	0.45	5.00			109.00		10.00	24.00	10.00		59.00
TL13318	34.5	36.0	1328635	1.00	5.00	340.00	28.00	0.51	5.00			104.00		10.00	24.00	10.00		88.00
TL13318	34.5	36.0	1328636	1.00	5.00	350.00	26.00	0.46	5.00			100.00		10.00	24.00	10.00		76.00
TL13318	36.0	37.5	1328637	1.00	5.00	340.00	15.00	0.57	5.00			78.00		10.00	24.00	10.00		49.00
TL13318	37.5	39.0	1328638	1.00	5.00	310.00	30.00	0.48	5.00			79.00		10.00	22.00	10.00		98.00
TL13318	39.0	40.5	1328639	1.00	5.00	290.00	132.00	0.72	5.00			70.00		10.00	21.00	120.00		1220.00
TL13318	40.5	42.0	1328641	2.00	5.00	300.00	34.00	0.48	5.00			98.00		10.00	22.00	10.00		99.00
TL13318	42.0	43.5	1328642	1.00	5.00	310.00	99.00	0.42	5.00			132.00		10.00	23.00	10.00		595.00
TL13318	43.5	45.0	1328643	1.00	7.00	290.00	112.00	0.26	5.00			80.00		10.00	23.00	10.00		412.00
TL13318	45.0	46.5	1328644	1.00	4.00	350.00	75.00	0.55	5.00			83.00		10.00	21.00	10.00		260.00
TL13318	46.5	48.0	1328645	1.00	4.00	340.00	464.00	1.80	7.00			31.00		10.00	24.00	10.00		1165.00
TL13318	48.0	49.0	1328646	1.00	4.00	340.00	416.00	1.34	30.00			29.00		10.00	23.00	10.00		1845.00
TL13318	49.0	50.0	1328647	1.00	22.00	410.00	114.00	1.76	5.00			46.00		10.00	45.00	10.00		179.00
TL13318	50.0	51.0	1328648	1.00	61.00	660.00	448.00	2.40	14.00			29.00		10.00	86.00	10.00		1345.00
TL13318	51.0	52.4	1328649	1.00	38.00	910.00	430.00	1.92	7.00			35.00		10.00	57.00	10.00		1295.00
TL13318	52.4	53.9	1328651	1.00	64.00	570.00	324.00	1.75	5.00			46.00		10.00	96.00	10.00		273.00
TL13318	53.9	55.0	1328652	1.00	65.00	530.00	159.00	2.09	5.00			39.00		10.00	90.00	10.00		104.00
TL13318	55.0	56.5	1328653	1.00	49.00	490.00	129.00	1.21	5.00			44.00		10.00	74.00	10.00		130.00
TL13318	56.5	58.0	1328654	1.00	38.00	560.00	420.00	1.89	5.00			49.00		10.00	65.00	10.00		306.00
TL13318	58.0	59.5	1328655	1.00	9.00	550.00	91.00	1.04	5.00			52.00		10.00	39.00	10.00		116.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13318	58.0	59.5	1328656	0.50	7.28	39.00	440.00	0.50	2.00	0.75	0.50	7.00	13.00	9.00	2.25	2.97		2.15	340.00
TL13318	59.5	61.0	1328657	0.50	7.07	38.00	470.00	0.60	2.00	0.83	0.50	6.00	11.00	15.00	1.89	2.95		2.19	354.00
TL13318	61.0	62.5	1328658	1.10	7.33	25.00	480.00	1.40	3.00	1.42	0.50	7.00	11.00	13.00	1.90	2.93		1.74	422.00
TL13318	62.5	64.0	1328659	0.50	7.09	25.00	610.00	0.70	2.00	0.38	0.50	6.00	10.00	6.00	1.00	3.50		0.37	93.00
TL13318	64.0	65.0	1328661	1.30	7.36	34.00	570.00	0.80	2.00	0.56	6.00	5.00	11.00	36.00	1.07	3.47		0.53	138.00
TL13318	65.0	66.0	1328662	0.50	6.47	53.00	460.00	0.70	2.00	1.08	0.50	5.00	9.00	17.00	1.59	2.73		0.72	182.00
TL13318	66.0	67.5	1328663	0.50	7.15	28.00	490.00	1.00	2.00	1.17	0.50	4.00	6.00	5.00	1.52	2.93		1.96	270.00
TL13318	67.5	69.0	1328664	0.50	7.23	35.00	590.00	0.90	2.00	1.68	0.50	2.00	7.00	10.00	1.31	2.74		1.12	291.00
TL13318	69.0	70.5	1328665	0.50	7.77	29.00	650.00	0.80	2.00	1.50	0.50	3.00	7.00	7.00	1.40	3.27		1.19	310.00
TL13318	70.5	72.0	1328666	0.50	7.60	24.00	590.00	1.00	2.00	1.86	0.50	4.00	7.00	7.00	1.39	3.05		1.22	469.00
TL13318	72.0	73.5	1328667	11.60	6.90	53.00	550.00	0.90	2.00	0.50	0.90	4.00	7.00	19.00	1.29	3.43		0.68	214.00
TL13318	73.5	75.0	1328668	3.20	6.79	45.00	590.00	0.90	2.00	0.25	2.40	5.00	7.00	13.00	1.58	3.48		0.40	113.00
TL13318	75.0	76.5	1328669	1.40	6.75	48.00	480.00	1.20	2.00	0.50	0.50	7.00	39.00	21.00	1.87	3.28		0.55	196.00
TL13318	76.5	78.0	1328671	2.30	7.69	101.00	490.00	1.80	2.00	0.68	0.50	21.00	123.00	91.00	3.71	3.75		0.66	284.00
TL13318	78.0	79.5	1328672	1.70	6.95	43.00	410.00	1.70	2.00	3.05	0.50	23.00	263.00	109.00	3.51	2.53		2.49	687.00
TL13318	79.5	81.0	1328673	0.80	7.72	67.00	420.00	1.90	2.00	1.62	0.50	22.00	125.00	60.00	3.69	3.21		1.12	478.00
TL13318	81.0	82.5	1328674	0.70	7.17	44.00	490.00	1.60	2.00	1.83	0.50	13.00	78.00	37.00	3.09	3.15		1.29	624.00
TL13318	82.5	83.5	1328675	13.90	5.05	110.00	360.00	0.90	2.00	0.31	18.70	5.00	12.00	340.00	3.85	2.48		0.36	161.00
TL13318	82.5	83.5	1328676	5.10	5.46	100.00	400.00	1.00	2.00	0.39	11.40	5.00	11.00	183.00	2.79	2.70		0.41	180.00
TL13318	83.5	85.0	1328677	0.70	6.96	32.00	460.00	1.10	3.00	1.93	0.50	4.00	12.00	17.00	1.87	2.80		1.67	606.00
TL13318	85.0	86.5	1328678	0.70	7.33	21.00	530.00	1.10	2.00	2.61	1.20	5.00	10.00	37.00	1.93	3.02		1.98	899.00
TL13318	86.5	88.0	1328679	0.50	6.73	5.00	540.00	1.20	2.00	2.45	0.50	4.00	11.00	17.00	1.63	3.13		1.22	596.00
TL13318	88.0	89.5	1328681	0.50	6.81	6.00	610.00	1.30	2.00	2.07	0.50	6.00	11.00	21.00	1.71	3.18		1.14	576.00
TL13318	89.5	91.0	1328682	0.50	7.49	7.00	810.00	1.50	2.00	2.61	0.50	6.00	12.00	22.00	1.95	2.94		1.16	555.00
TL13318	91.0	92.5	1328683	0.50	6.98	7.00	810.00	1.20	2.00	3.14	1.10	7.00	22.00	10.00	2.17	2.88		1.07	490.00
TL13318	92.5	94.0	1328684	0.50	7.05	24.00	670.00	1.20	2.00	2.99	0.50	6.00	12.00	8.00	1.89	2.89		0.90	521.00
TL13318	94.0	95.5	1328685	0.50	7.34	5.00	670.00	1.10	2.00	2.94	0.50	6.00	11.00	3.00	1.90	2.73		0.80	422.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13318	58.0	59.5	1328656	1.00	9.00	570.00	105.00	1.17	5.00			54.00		10.00	38.00	10.00		123.00
TL13318	59.5	61.0	1328657	1.00	7.00	520.00	69.00	0.65	5.00			55.00		10.00	37.00	10.00		192.00
TL13318	61.0	62.5	1328658	1.00	7.00	550.00	112.00	0.81	5.00			46.00		10.00	37.00	10.00		196.00
TL13318	62.5	64.0	1328659	1.00	8.00	630.00	89.00	0.64	5.00			28.00		10.00	38.00	10.00		105.00
TL13318	64.0	65.0	1328661	1.00	7.00	560.00	282.00	0.73	5.00			31.00		10.00	38.00	10.00		2370.00
TL13318	65.0	66.0	1328662	1.00	7.00	440.00	152.00	1.24	5.00			23.00		10.00	29.00	10.00		246.00
TL13318	66.0	67.5	1328663	1.00	4.00	340.00	68.00	0.86	5.00			27.00		10.00	24.00	10.00		101.00
TL13318	67.5	69.0	1328664	1.00	4.00	340.00	35.00	0.81	5.00			69.00		10.00	23.00	10.00		76.00
TL13318	69.0	70.5	1328665	1.00	3.00	350.00	21.00	0.81	5.00			69.00		10.00	25.00	10.00		63.00
TL13318	70.5	72.0	1328666	1.00	3.00	350.00	25.00	0.90	5.00			73.00		10.00	25.00	10.00		54.00
TL13318	72.0	73.5	1328667	1.00	4.00	340.00	116.00	1.02	18.00			33.00		10.00	24.00	10.00		344.00
TL13318	73.5	75.0	1328668	1.00	4.00	400.00	124.00	1.47	6.00			27.00		10.00	24.00	10.00		1050.00
TL13318	75.0	76.5	1328669	1.00	18.00	520.00	213.00	1.55	7.00			36.00		10.00	40.00	10.00		169.00
TL13318	76.5	78.0	1328671	1.00	70.00	500.00	151.00	3.21	5.00			52.00		10.00	103.00	10.00		189.00
TL13318	78.0	79.5	1328672	2.00	147.00	1610.00	94.00	1.54	5.00			156.00		10.00	101.00	320.00		220.00
TL13318	79.5	81.0	1328673	5.00	65.00	520.00	86.00	1.91	5.00			79.00		10.00	101.00	10.00		115.00
TL13318	81.0	82.5	1328674	1.00	41.00	470.00	83.00	1.51	5.00			79.00		10.00	71.00	10.00		176.00
TL13318	82.5	83.5	1328675	6.00	10.00	360.00	5730.00	4.29	142.00			25.00		10.00	28.00	10.00		6380.00
TL13318	82.5	83.5	1328676	4.00	8.00	390.00	1455.00	2.91	98.00			28.00		10.00	29.00	10.00		4010.00
TL13318	83.5	85.0	1328677	1.00	5.00	470.00	194.00	0.78	5.00			72.00		10.00	34.00	10.00		147.00
TL13318	85.0	86.5	1328678	1.00	8.00	500.00	183.00	0.61	5.00			70.00		10.00	36.00	10.00		563.00
TL13318	86.5	88.0	1328679	1.00	7.00	490.00	61.00	0.33	5.00			70.00		10.00	36.00	10.00		152.00
TL13318	88.0	89.5	1328681	1.00	8.00	500.00	86.00	0.41	5.00			81.00		10.00	37.00	10.00		112.00
TL13318	89.5	91.0	1328682	1.00	8.00	490.00	46.00	0.41	5.00			134.00		10.00	37.00	30.00		89.00
TL13318	91.0	92.5	1328683	1.00	15.00	580.00	63.00	0.66	5.00			166.00		10.00	38.00	10.00		309.00
TL13318	92.5	94.0	1328684	1.00	6.00	510.00	103.00	0.50	5.00			138.00		10.00	37.00	10.00		161.00
TL13318	94.0	95.5	1328685	1.00	8.00	550.00	15.00	0.29	5.00			136.00		10.00	39.00	10.00		53.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13318	9.9	46.4	36.6	PY	DISS	1	1% disseminated py throughout
TL13318	9.9	46.4	36.6	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13318	9.9	46.4	36.6	SPH	ST	0.1	Trace to 1% sph in 1-3mm wide stringers oriented semi-parallel to foliation and along margins of qtz-amph veins
TL13318	9.9	46.4	36.6	PO	BLB	0.1	Trace po blebs found in and along the margins of qtz-amph veins
TL13318	46.4	52.4	6.0	PY	ST	1	1% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13318	46.4	52.4	6.0	PY	DISS	1	1% disseminated py throughout the interval
TL13318	46.4	52.4	6.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and minor frac-controlled gal near sph stringers
TL13318	46.4	52.4	6.0	SPH	ST	1	1% sph in 1-7mm wide stringers oriented semi-parallel to foliation
TL13318	52.4	61.1	8.7	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13318	52.4	61.1	8.7	PY	DISS	1	1% disseminated py throughout the interval
TL13318	61.1	83.7	22.5	PY	DISS	1	1% disseminated pyrite throughout the interval
TL13318	61.1	83.7	22.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13318	61.1	83.7	22.5	SPH	ST	1	1% sph in 1-6mm wide stringers oriented semi-parallel to foliation
TL13318	61.1	83.7	22.5	PY	ST	2	2% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13318	83.7	112.3	28.7	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation and on margins of qtz veins
TL13318	83.7	198.0	114.3	PY	ST	0.1	Trace to 1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13318	83.7	198.0	114.3	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13318	83.7	198.0	114.3	PY	DISS	0.1	Trace disseminated py
TL13318	112.3	198.0	85.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz and qtz-amph veins

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13318	9.9	31.0	21.1	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13318	9.9	46.4	36.6	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL13318	9.9	46.4	36.6	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13318	31.0	46.4	15.4	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13318	46.4	52.4	6.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13318	46.4	52.4	6.0	FR	Strong	60	Strongly fractured along foliation at 60 deg TCA
TL13318	52.4	61.1	8.7	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13318	52.4	61.1	8.7	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13318	61.1	80.0	18.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13318	61.1	83.7	22.5	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13318	80.0	83.7	3.7	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13318	83.7	112.3	28.7	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13318	83.7	153.0	69.3	FR	Weak	50	Weak fracture set cross cutting foliation at 50 deg TCA
TL13318	112.3	141.0	28.7	FOL	Very Weak	65	V. weak foliation at 65 deg TCA
TL13318	141.0	198.0	57.0	FOL	Weak	65	Weak foliation at 65 deg TCA
TL13318	153.0	198.0	45.0	FR	Moderate	30	Moderate to strong fracture set cross cutting foliation at 30 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13318	9.9	12.0	2.1	SR	Patchy	Very Strong	V. strong small patch of ser alt, 90% ser to 10% bio, collared into the headwall
TL13318	9.9	14.5	4.6	SI	Patchy	Weak	Weak patchy sil alt
TL13318	12.0	46.4	34.4	SR	Patchy	Weak	Weak to V. weak patchy ser alt, 20% ser to 80% bio
TL13318	14.5	28.0	13.5	SI	Patchy	Strong	Strong patchy sil alt
TL13318	28.0	46.4	18.4	SI	Patchy	Moderate	Weak to moderate patchy sil alt
TL13318	46.4	52.4	6.0	SI	Patchy	Strong	Strong patchy silicification
TL13318	46.4	52.4	6.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13318	52.4	61.1	8.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13318	52.4	61.1	8.7	SI	Patchy	Weak	Weak patchy sil alt
TL13318	61.1	78.0	16.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13318	61.1	83.7	22.5	SI	Patchy	Moderate	Moderate patchy sil alt
TL13318	78.0	83.7	5.7	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13318	83.7	112.3	28.7	SI	Pervasive	Very Strong	V. strong pervasive silicification
TL13318	83.7	112.3	28.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13318	112.3	134.0	21.7	SI	Patchy	Strong	Strong patchy sil alt
TL13318	112.3	198.0	85.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13318	134.0	136.0	2.0	SI	Patchy	Weak	Weak patchy sil alt
TL13318	136.0	153.0	17.0	SI	Patchy	Strong	Strong patchy sil alt
TL13318	153.0	198.0	45.0	SI	Patchy	Very Strong	V. strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13318	12	15	3	3.06	2.86	102	95.33	31	
TL13318	15	18	3	2.95	2.54	98.33	84.67	13	
TL13318	18	21	3	3.03	2.13	101	71	16	
TL13318	21	24	3	2.99	2.85	99.67	95	6	
TL13318	24	27	3	2.98	2.88	99.33	96	17	
TL13318	27	30	3	2.98	2.31	99.33	77	20	
TL13318	30	33	3	2.98	2.37	99.33	79	18	
TL13318	33	36	3	2.98	2.82	99.33	94	13	
TL13318	36	39	3	2.97	2.31	99	77	19	
TL13318	39	42	3	3	2.47	100	82.33	17	
TL13318	42	45	3	2.99	2.85	99.67	95	21	
TL13318	45	48	3	2.96	1.97	98.67	65.67	16	
TL13318	48	51	3	3.11	0.93	103.67	31	42	
TL13318	51	54	3	2.88	1.26	96	42	39	
TL13318	54	57	3	3	2.64	100	88	16	
TL13318	57	60	3	3.02	2.52	100.67	84	23	
TL13318	60	63	3	2.96	1.3	98.67	43.33	50	
TL13318	63	66	3	3.01	1.14	100.33	38	38	
TL13318	66	69	3	3	2.38	100	79.33	19	
TL13318	69	72	3	2.92	2.83	97.33	94.33	7	
TL13318	72	75	3	2.99	2.44	99.67	81.33	19	
TL13318	75	78	3	2.93	1.12	97.67	37.33	44	
TL13318	78	81	3	2.98	2.14	99.33	71.33	22	
TL13318	81	84	3	2.96	2.34	98.67	78	17	
TL13318	84	87	3	3.05	2.7	101.67	90	11	
TL13318	87	90	3	2.99	2.83	99.67	94.33	8	
TL13318	90	93	3	2.91	2.87	97	95.67	7	
TL13318	93	96	3	3.04	2.87	101.33	95.67	8	
TL13318	96	99	3	2.98	2.64	99.33	88	8	
TL13318	99	102	3	2.96	2.88	98.67	96	7	
TL13318	102	105	3	3.03	2.38	101	79.33	11	
TL13318	105	108	3	2.9	2.75	96.67	91.67	5	
TL13318	108	111	3	3.06	2.97	102	99	7	
TL13318	111	114	3	2.96	2.93	98.67	97.67	4	
TL13318	114	117	3	2.99	2.82	99.67	94	8	
TL13318	117	120	3	2.97	2.52	99	84	18	
TL13318	120	123	3	2.95	1.98	98.33	66	20	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13318	123	126	3	3.03	2.88	101	96	9	
TL13318	126	129	3	2.88	2.01	96	67	24	
TL13318	129	132	3	3.1	1.04	103.33	34.67	31	
TL13318	132	135	3	3.03	2.21	101	73.67	28	
TL13318	135	138	3	2.91	2.18	97	72.67	19	
TL13318	138	141	3	3.05	2.44	101.67	81.33	18	
TL13318	141	144	3	2.92	2.2	97.33	73.33	16	
TL13318	144	147	3	3.04	1.72	101.33	57.33	20	
TL13318	147	150	3	2.97	2.48	99	82.67	20	
TL13318	150	153	3	2.94	2.65	98	88.33	14	
TL13318	153	156	3	3.05	2.49	101.67	83	9	
TL13318	156	159	3	2.99	2.73	99.67	91	9	
TL13318	159	162	3	3.05	3.05	101.67	101.67	6	
TL13318	162	165	3	2.97	2.73	99	91	6	
TL13318	165	168	3	3	2.83	100	94.33	8	
TL13318	168	171	3	2.97	2.97	99	99	5	
TL13318	171	174	3	2.98	2.9	99.33	96.67	8	
TL13318	174	177	3	2.96	2.49	98.67	83	13	
TL13318	177	180	3	3.02	2.77	100.67	92.33	11	
TL13318	180	183	3	2.96	2.48	98.67	82.67	18	
TL13318	183	186	3	3	2.41	100	80.33	12	
TL13318	186	189	3	2.96	2.84	98.67	94.67	6	
TL13318	189	192	3	3	2.85	100	95	6	
TL13318	192	195	3	2.92	2.92	97.33	97.33	4	
TL13318	195	198	3	2.79	1.85	93	61.67	18	

Hole Number: TL13319

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
12.80	53.15	MSS, Muscovite Sericite Schist	1328686	12.80	14.00	1.20	0.02				
		MSS Main-Zone from 12.80m-53.15m	1328687	14.00	15.50	1.50	0.02				
		This is a wide Main-Zone that was collared into. This MSS unit has very strong patchy sericitic alteration and strong patchy silicification. This unit is moderately mineralized with 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite stringers, trace to 1% galena bebs, and trace pyrrhotite blebs.	1328688	15.50	17.00	1.50	0.02				
			1328689	17.00	18.50	1.50	0.01				
			1328691	18.50	20.00	1.50	0.01				
			1328692	20.00	21.50	1.50	0.01				
			1328693	21.50	23.00	1.50	0.01				
			1328694	23.00	24.00	1.00	0.10				
			1328696	24.00	25.50	1.50	0.03				
			1328695	24.00	25.50	1.50	0.02				
			1328697	25.50	27.00	1.50	0.01				
			1328698	27.00	28.50	1.50	0.05				
			1328699	28.50	30.00	1.50	0.01				
			1328701	30.00	31.50	1.50	0.02				
			1328702	31.50	33.00	1.50	0.01				
			1328703	33.00	34.50	1.50	0.02				
			1328704	34.50	36.00	1.50	0.01				
			1328705	36.00	37.00	1.00	0.02				
			1328706	37.00	38.00	1.00	0.03				
			1328707	38.00	39.00	1.00	0.01				
			1328708	39.00	40.00	1.00	0.15				
			1328709	40.00	41.00	1.00	0.53				
			1328711	41.00	42.50	1.50	0.37				
			1328712	42.50	43.50	1.00	0.18				
			1328713	43.50	45.00	1.50	0.31				
			1328714	45.00	46.00	1.00	2.62				
			1328716	46.00	47.50	1.50	2.69				
			1328715	46.00	47.50	1.50	2.93				
			1328717	47.50	49.00	1.50	0.07				
			1328718	49.00	50.00	1.00	0.04				
			1328719	50.00	51.00	1.00	0.08				
			1328721	51.00	52.00	1.00	0.07				
			1328722	52.00	53.20	1.20	0.06				

Hole Number: TL13319

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1	
53.15	82.50	BMS, Biotite Muscovite Schist	1328723	53.20	54.50	1.30	0.07					
		This BMS unit has very weak to weak patchy sericitic alteration, strong patchy silicification and very weak fracture controlled chlorite alteration. This unit contains about 1% pyrite in stringers, trace to 1% disseminated pyrite, trace pyrrhotite blebs, trace sphalerite stringers, and trace galena blebs.	1328724	54.50	56.00	1.50	0.11					
			1328725	56.00	57.50	1.50	0.05					
			1328726	57.50	59.00	1.50	0.13					
			1328727	59.00	60.50	1.50	0.02					
			1328728	60.50	62.00	1.50	0.01					
			1328729	62.00	63.50	1.50	0.03					
			1328731	63.50	65.00	1.50	0.05					
			1328732	65.00	66.50	1.50	0.07					
			1328733	66.50	68.00	1.50	0.19					
			1328734	68.00	69.50	1.50	0.38					
			1328735	69.50	71.00	1.50	0.14					
			1328736	69.50	71.00	1.50	0.15					
			1328737	71.00	72.50	1.50	0.02					
			1328738	72.50	74.00	1.50	0.08					
			1328739	74.00	75.50	1.50	0.02					
			1328741	75.50	77.00	1.50	0.02					
		1328742	77.00	78.50	1.50	0.09						
		1328743	78.50	80.00	1.50	0.10						
		1328744	80.00	81.00	1.00	0.38						
		1328745	81.00	82.50	1.50	0.10						

Hole Number: TL13319

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
82.50	115.57	MSS, Muscovite Sericite Schist MSS C-Zone from 82.50m-115.57m This C-Zone MSS unit has very strong to strong patchy sericitic alteration and weak to very weak patchy silicification. This unit is well mineralized with 2% pyrite in stringers, 2% sphalerite in stringers, 1% disseminated pyrite, trace galena blebs, trace chalcopyrite blebs, and trace VG specks. VG specks range from 2mm in diameter and less and is found within a boudinaged smokey grey qtz veins with pyrite, sphalerite, galena and chalcopyrite at 109.23m depth.	1328746	82.50	83.50	1.00	0.15				
			1328747	83.50	84.50	1.00	0.19				
			1328748	84.50	85.50	1.00	0.06				
			1328749	85.50	86.50	1.00	0.53				
			1328751	86.50	87.50	1.00	0.03				
			1328752	87.50	89.00	1.50	0.03				
			1328753	89.00	90.50	1.50	0.06				
			1328754	90.50	92.00	1.50	0.05				
			1328756	92.00	93.50	1.50	0.03				
			1328755	92.00	93.50	1.50	0.03				
			1328757	93.50	95.00	1.50	0.12				
			1328758	95.00	96.50	1.50	0.04				
			1328759	96.50	98.00	1.50	0.04				
			1328761	98.00	99.50	1.50	0.23				
			1328762	99.50	101.00	1.50	0.13				
			1328763	101.00	102.50	1.50	0.17				
			1328764	102.50	104.00	1.50	0.03				
			1328765	104.00	105.50	1.50	0.02				
			1328766	105.50	107.00	1.50				0.31	
			1328767	107.00	108.50	1.50				0.64	
			1328768	108.50	109.50	1.00				3.45	
			1328769	109.50	111.00	1.50				0.13	
			1328771	111.00	112.50	1.50				0.39	
			1328772	112.50	114.00	1.50				3.37	
			1328773	114.00	115.50	1.50	0.32				
			1328774	115.50	117.00	1.50	0.02				
115.57	171.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration, strong to moderate patchy silicification, and weak patchy chloritic alteration. This unit is very poorly mineralized with trace to 1% disseminated pyrite, trace pyrite in stringers, trace pyrrhotite in stringers, and trace sphalerite in stringers.									

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328686	12.80	14.00	0.0200				
1328687	14.00	15.50	0.0200				
1328688	15.50	17.00	0.0200				
1328689	17.00	18.50	0.0100				
1328691	18.50	20.00	0.0100				
1328692	20.00	21.50	0.0100				
1328693	21.50	23.00	0.0100				

Hole Number: TL13319

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328694	23.00	24.00	0.1000				
1328695	24.00	25.50	0.0200				
1328697	25.50	27.00	0.0100				
1328698	27.00	28.50	0.0500				
1328699	28.50	30.00	0.0100				
1328701	30.00	31.50	0.0200				
1328702	31.50	33.00	0.0100				
1328703	33.00	34.50	0.0200				
1328704	34.50	36.00	0.0100				
1328705	36.00	37.00	0.0200				
1328706	37.00	38.00	0.0300				
1328707	38.00	39.00	0.0100				
1328708	39.00	40.00	0.1500				
1328709	40.00	41.00	0.5300				
1328711	41.00	42.50	0.3700				
1328712	42.50	43.50	0.1800				
1328713	43.50	45.00	0.3100				
1328714	45.00	46.00	2.6200				
1328715	46.00	47.50	2.9300				
1328717	47.50	49.00	0.0700				
1328718	49.00	50.00	0.0400				
1328719	50.00	51.00	0.0800				
1328721	51.00	52.00	0.0700				
1328722	52.00	53.20	0.0600				
1328723	53.20	54.50	0.0700				
1328724	54.50	56.00	0.1100				
1328725	56.00	57.50	0.0500				
1328726	57.50	59.00	0.1300				
1328727	59.00	60.50	0.0200				
1328728	60.50	62.00	0.0100				
1328729	62.00	63.50	0.0300				
1328731	63.50	65.00	0.0500				
1328732	65.00	66.50	0.0700				
1328733	66.50	68.00	0.1900				
1328734	68.00	69.50	0.3800				
1328735	69.50	71.00	0.1400				
1328737	71.00	72.50	0.0200				
1328738	72.50	74.00	0.0800				
1328739	74.00	75.50	0.0200				

Hole Number: TL13319

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328741	75.50	77.00	0.0200				
1328742	77.00	78.50	0.0900				
1328743	78.50	80.00	0.1000				
1328744	80.00	81.00	0.3800				
1328745	81.00	82.50	0.1000				
1328746	82.50	83.50	0.1500				
1328747	83.50	84.50	0.1900				
1328748	84.50	85.50	0.0600				
1328749	85.50	86.50	0.5300				
1328751	86.50	87.50	0.0300				
1328752	87.50	89.00	0.0300				
1328753	89.00	90.50	0.0600				
1328754	90.50	92.00	0.0500				
1328755	92.00	93.50	0.0300				
1328757	93.50	95.00	0.1200				
1328758	95.00	96.50	0.0400				
1328759	96.50	98.00	0.0400				
1328761	98.00	99.50	0.2300				
1328762	99.50	101.00	0.1300				
1328763	101.00	102.50	0.1700				
1328764	102.50	104.00	0.0300				
1328765	104.00	105.50	0.0200				
1328766	105.50	107.00				0.3100	
1328767	107.00	108.50				0.6400	
1328768	108.50	109.50				3.4500	
1328769	109.50	111.00				0.1300	
1328771	111.00	112.50				0.3900	
1328772	112.50	114.00				3.3700	
1328773	114.00	115.50	0.3200				
1328774	115.50	117.00	0.0200				
Sample Type	CDUP						
1328696	24.00	25.50	0.0300				
1328716	46.00	47.50	2.6900				
1328736	69.50	71.00	0.1500				
1328756	92.00	93.50	0.0300				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13319	12.8	14.0	1328686	0.50	6.84	19.00	330.00	1.00	2.00	0.81	0.50	4.00	9.00	15.00	1.06	2.26		0.84	357.00
TL13319	14.0	15.5	1328687	0.50	5.85	12.00	290.00	0.90	2.00	1.00	0.50	3.00	11.00	5.00	0.98	2.14		0.81	441.00
TL13319	15.5	17.0	1328688	0.50	7.37	21.00	500.00	0.90	2.00	0.90	0.50	4.00	9.00	5.00	1.51	3.60		1.04	515.00
TL13319	17.0	18.5	1328689	0.50	7.37	27.00	450.00	1.00	2.00	1.75	0.50	4.00	7.00	5.00	1.30	2.97		1.06	618.00
TL13319	18.5	20.0	1328691	0.50	6.89	20.00	430.00	0.90	3.00	2.00	0.50	3.00	8.00	6.00	1.28	2.35		1.06	616.00
TL13319	20.0	21.5	1328692	0.60	7.47	15.00	490.00	0.90	2.00	1.57	0.50	4.00	8.00	6.00	1.18	2.72		0.72	442.00
TL13319	21.5	23.0	1328693	0.50	7.42	6.00	460.00	0.80	2.00	1.88	0.50	4.00	8.00	7.00	1.47	2.04		0.63	444.00
TL13319	23.0	24.0	1328694	0.50	7.29	8.00	560.00	0.80	2.00	1.54	0.50	2.00	7.00	11.00	1.71	2.34		0.70	412.00
TL13319	24.0	25.5	1328696	0.50	7.52	16.00	560.00	0.80	2.00	1.60	0.50	3.00	8.00	7.00	1.44	2.67		0.48	313.00
TL13319	24.0	25.5	1328695	0.50	7.37	11.00	560.00	0.80	2.00	1.57	0.60	2.00	7.00	8.00	1.39	2.65		0.48	313.00
TL13319	25.5	27.0	1328697	0.50	7.53	5.00	510.00	0.80	2.00	1.96	0.50	2.00	8.00	5.00	1.19	2.34		0.46	588.00
TL13319	27.0	28.5	1328698	0.50	7.57	5.00	560.00	0.80	2.00	2.07	0.50	1.00	7.00	3.00	1.71	2.42		0.65	352.00
TL13319	28.5	30.0	1328699	0.50	7.71	6.00	670.00	1.00	2.00	2.03	0.50	3.00	8.00	7.00	1.64	2.99		0.90	421.00
TL13319	30.0	31.5	1328701	0.50	7.49	7.00	580.00	1.10	2.00	1.91	0.50	3.00	10.00	10.00	1.53	3.32		1.21	609.00
TL13319	31.5	33.0	1328702	0.50	7.42	5.00	600.00	1.20	2.00	2.40	0.50	3.00	9.00	4.00	1.33	3.45		1.87	1065.00
TL13319	33.0	34.5	1328703	0.50	7.68	5.00	990.00	1.30	2.00	1.95	0.50	3.00	6.00	7.00	1.51	3.93		1.54	844.00
TL13319	34.5	36.0	1328704	0.50	6.91	9.00	2340.00	1.30	2.00	2.27	0.50	1.00	6.00	11.00	1.43	3.63		1.70	908.00
TL13319	36.0	37.0	1328705	0.50	6.71	9.00	1550.00	1.60	2.00	6.69	0.50	1.00	4.00	12.00	1.74	2.42		2.29	1305.00
TL13319	37.0	38.0	1328706	0.50	7.34	14.00	990.00	1.30	2.00	1.47	2.10	3.00	7.00	29.00	1.75	3.77		1.55	782.00
TL13319	38.0	39.0	1328707	0.50	7.35	10.00	680.00	1.20	2.00	1.48	0.50	2.00	6.00	3.00	1.51	3.66		1.53	677.00
TL13319	39.0	40.0	1328708	0.50	7.37	15.00	830.00	1.20	4.00	1.70	0.50	1.00	6.00	3.00	1.30	3.74		1.21	718.00
TL13319	40.0	41.0	1328709	8.40	5.31	44.00	590.00	1.00	4.00	1.78	21.00	3.00	17.00	158.00	3.50	2.73		1.28	933.00
TL13319	41.0	42.5	1328711	2.20	6.47	54.00	730.00	1.20	4.00	2.16	3.60	8.00	39.00	73.00	2.58	2.87		1.15	714.00
TL13319	42.5	43.5	1328712	1.00	6.85	52.00	870.00	1.10	2.00	2.27	4.20	5.00	14.00	36.00	2.14	3.17		1.20	786.00
TL13319	43.5	45.0	1328713	0.50	6.85	35.00	850.00	1.00	2.00	1.44	0.50	4.00	6.00	22.00	1.70	3.15		1.01	580.00
TL13319	45.0	46.0	1328714	2.30	6.17	38.00	660.00	1.00	2.00	2.12	2.60	3.00	9.00	12.00	2.18	2.83		1.11	601.00
TL13319	46.0	47.5	1328716	1.50	6.67	29.00	590.00	1.00	2.00	3.15	0.50	4.00	6.00	57.00	1.75	2.23		1.09	584.00
TL13319	46.0	47.5	1328715	2.70	6.68	34.00	540.00	1.00	2.00	4.01	0.50	4.00	11.00	106.00	1.84	2.06		1.10	619.00
TL13319	47.5	49.0	1328717	0.50	7.42	15.00	770.00	1.10	2.00	1.92	0.50	3.00	6.00	30.00	1.40	2.84		1.26	575.00
TL13319	49.0	50.0	1328718	0.50	7.36	10.00	630.00	0.90	2.00	3.28	0.50	2.00	4.00	41.00	1.51	2.24		1.85	1055.00
TL13319	50.0	51.0	1328719	0.80	6.96	10.00	1140.00	0.90	3.00	2.62	2.80	3.00	6.00	52.00	1.62	3.15		1.76	937.00
TL13319	51.0	52.0	1328721	0.50	7.06	24.00	750.00	1.00	2.00	1.74	0.50	3.00	7.00	8.00	1.33	2.55		1.00	554.00
TL13319	52.0	53.2	1328722	0.70	7.61	12.00	830.00	0.90	2.00	1.91	0.60	5.00	7.00	55.00	1.51	2.80		1.56	687.00
TL13319	53.2	54.5	1328723	0.50	7.48	8.00	820.00	1.00	2.00	2.12	0.50	5.00	8.00	13.00	1.42	2.68		1.61	628.00
TL13319	54.5	56.0	1328724	0.50	7.66	5.00	1070.00	1.00	2.00	2.13	0.50	4.00	8.00	15.00	1.34	3.12		1.55	571.00
TL13319	56.0	57.5	1328725	0.50	7.43	5.00	860.00	0.80	2.00	2.19	0.50	5.00	7.00	39.00	1.52	2.95		1.84	918.00
TL13319	57.5	59.0	1328726	0.60	7.71	5.00	750.00	0.90	2.00	2.09	1.60	4.00	7.00	31.00	1.49	2.80		1.86	798.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13319	12.8	14.0	1328686	1.00	7.00	340.00	30.00	0.88	5.00			115.00		10.00	26.00	10.00		199.00
TL13319	14.0	15.5	1328687	1.00	6.00	320.00	21.00	0.77	5.00			106.00		10.00	21.00	10.00		85.00
TL13319	15.5	17.0	1328688	1.00	3.00	390.00	17.00	1.24	5.00			113.00		10.00	27.00	10.00		19.00
TL13319	17.0	18.5	1328689	1.00	5.00	390.00	26.00	0.69	5.00			146.00		10.00	26.00	10.00		48.00
TL13319	18.5	20.0	1328691	1.00	5.00	380.00	22.00	0.71	5.00			141.00		10.00	26.00	10.00		51.00
TL13319	20.0	21.5	1328692	1.00	5.00	390.00	68.00	0.68	5.00			156.00		10.00	27.00	10.00		176.00
TL13319	21.5	23.0	1328693	1.00	6.00	390.00	17.00	0.50	5.00			164.00		10.00	26.00	10.00		47.00
TL13319	23.0	24.0	1328694	1.00	2.00	400.00	17.00	0.83	5.00			164.00		10.00	26.00	10.00		51.00
TL13319	24.0	25.5	1328696	1.00	4.00	390.00	13.00	0.64	5.00			146.00		10.00	27.00	10.00		239.00
TL13319	24.0	25.5	1328695	1.00	4.00	380.00	16.00	0.65	5.00			143.00		10.00	28.00	10.00		338.00
TL13319	25.5	27.0	1328697	1.00	4.00	390.00	8.00	0.37	5.00			153.00		10.00	27.00	10.00		26.00
TL13319	27.0	28.5	1328698	1.00	3.00	380.00	8.00	0.24	5.00			145.00		10.00	28.00	10.00		44.00
TL13319	28.5	30.0	1328699	1.00	4.00	400.00	10.00	0.29	5.00			134.00		10.00	28.00	10.00		47.00
TL13319	30.0	31.5	1328701	1.00	5.00	400.00	22.00	0.33	5.00			105.00		10.00	29.00	10.00		60.00
TL13319	31.5	33.0	1328702	1.00	4.00	380.00	32.00	0.12	5.00			95.00		10.00	27.00	10.00		56.00
TL13319	33.0	34.5	1328703	1.00	5.00	390.00	25.00	0.47	5.00			68.00		10.00	27.00	10.00		33.00
TL13319	34.5	36.0	1328704	1.00	2.00	360.00	68.00	0.46	5.00			95.00		10.00	25.00	10.00		78.00
TL13319	36.0	37.0	1328705	1.00	2.00	300.00	47.00	0.72	5.00			109.00		10.00	24.00	40.00		97.00
TL13319	37.0	38.0	1328706	1.00	3.00	380.00	183.00	0.68	5.00			75.00		10.00	26.00	10.00		827.00
TL13319	38.0	39.0	1328707	1.00	2.00	380.00	23.00	0.35	5.00			76.00		10.00	27.00	10.00		51.00
TL13319	39.0	40.0	1328708	1.00	3.00	380.00	35.00	0.48	5.00			67.00		10.00	26.00	10.00		47.00
TL13319	40.0	41.0	1328709	1.00	11.00	290.00	5160.00	3.64	10.00			66.00		10.00	27.00	10.00		7590.00
TL13319	41.0	42.5	1328711	1.00	24.00	440.00	710.00	2.25	6.00			41.00		10.00	45.00	10.00		1430.00
TL13319	42.5	43.5	1328712	1.00	9.00	510.00	541.00	1.71	5.00			37.00		10.00	35.00	10.00		1675.00
TL13319	43.5	45.0	1328713	1.00	6.00	520.00	63.00	1.17	5.00			78.00		10.00	32.00	10.00		127.00
TL13319	45.0	46.0	1328714	1.00	6.00	460.00	207.00	1.81	5.00			50.00		10.00	30.00	10.00		1100.00
TL13319	46.0	47.5	1328716	1.00	5.00	520.00	47.00	1.04	5.00			53.00		10.00	33.00	10.00		18.00
TL13319	46.0	47.5	1328715	1.00	5.00	520.00	39.00	1.15	5.00			51.00		10.00	32.00	10.00		26.00
TL13319	47.5	49.0	1328717	1.00	5.00	430.00	40.00	0.55	5.00			140.00		10.00	30.00	10.00		107.00
TL13319	49.0	50.0	1328718	1.00	5.00	280.00	66.00	0.50	5.00			200.00		10.00	21.00	10.00		118.00
TL13319	50.0	51.0	1328719	1.00	5.00	310.00	191.00	0.78	5.00			144.00		10.00	23.00	10.00		1020.00
TL13319	51.0	52.0	1328721	1.00	3.00	310.00	75.00	0.62	5.00			144.00		10.00	22.00	10.00		59.00
TL13319	52.0	53.2	1328722	1.00	6.00	340.00	152.00	0.74	5.00			144.00		10.00	24.00	10.00		251.00
TL13319	53.2	54.5	1328723	1.00	5.00	340.00	23.00	0.43	5.00			111.00		10.00	24.00	10.00		61.00
TL13319	54.5	56.0	1328724	1.00	4.00	340.00	41.00	0.39	5.00			120.00		10.00	25.00	10.00		89.00
TL13319	56.0	57.5	1328725	1.00	4.00	340.00	81.00	0.49	5.00			120.00		10.00	24.00	10.00		118.00
TL13319	57.5	59.0	1328726	1.00	5.00	370.00	271.00	0.39	5.00			99.00		10.00	25.00	10.00		533.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13319	59.0	60.5	1328727	0.50	7.56	7.00	710.00	1.00	2.00	1.94	0.50	5.00	8.00	12.00	1.45	2.62		1.59	678.00
TL13319	60.5	62.0	1328728	0.50	7.34	5.00	650.00	0.90	2.00	1.45	0.50	4.00	7.00	11.00	1.32	2.37		1.21	477.00
TL13319	62.0	63.5	1328729	0.50	7.70	5.00	620.00	0.90	2.00	1.46	0.50	6.00	6.00	22.00	1.39	2.33		1.26	478.00
TL13319	63.5	65.0	1328731	0.50	7.99	5.00	710.00	0.90	2.00	1.86	0.50	5.00	8.00	18.00	1.46	2.74		1.33	523.00
TL13319	65.0	66.5	1328732	0.50	7.84	6.00	700.00	1.00	2.00	2.05	0.70	5.00	7.00	31.00	1.37	2.91		1.24	508.00
TL13319	66.5	68.0	1328733	0.50	7.93	13.00	680.00	1.00	2.00	1.59	0.50	5.00	7.00	16.00	1.34	2.84		1.23	493.00
TL13319	68.0	69.5	1328734	0.50	7.98	8.00	700.00	0.90	2.00	1.66	0.50	6.00	10.00	18.00	1.39	2.61		1.23	472.00
TL13319	69.5	71.0	1328736	0.50	7.75	16.00	650.00	0.90	2.00	1.66	0.50	5.00	9.00	16.00	1.41	2.53		1.20	438.00
TL13319	69.5	71.0	1328735	0.50	7.73	8.00	650.00	0.90	2.00	1.63	0.90	5.00	10.00	20.00	1.43	2.49		1.21	442.00
TL13319	71.0	72.5	1328737	0.50	7.82	6.00	660.00	0.90	2.00	2.27	0.50	5.00	8.00	12.00	1.44	2.70		1.37	430.00
TL13319	72.5	74.0	1328738	0.50	8.13	5.00	690.00	1.00	2.00	2.12	0.50	5.00	7.00	8.00	1.45	2.94		1.71	549.00
TL13319	74.0	75.5	1328739	0.50	7.61	5.00	720.00	1.10	2.00	2.24	0.90	5.00	8.00	15.00	1.59	2.80		1.87	699.00
TL13319	75.5	77.0	1328741	0.50	6.64	5.00	600.00	0.80	2.00	1.20	0.50	4.00	13.00	16.00	1.41	2.64		1.78	551.00
TL13319	77.0	78.5	1328742	0.50	6.96	9.00	770.00	0.90	2.00	1.24	0.50	4.00	16.00	35.00	1.59	3.00		2.07	717.00
TL13319	78.5	80.0	1328743	0.50	6.99	19.00	710.00	0.90	2.00	0.97	0.50	5.00	7.00	23.00	1.68	3.22		1.86	533.00
TL13319	80.0	81.0	1328744	1.40	7.34	24.00	650.00	1.00	2.00	1.42	1.20	5.00	8.00	63.00	2.04	3.08		1.13	559.00
TL13319	81.0	82.5	1328745	2.40	7.79	23.00	690.00	1.10	2.00	1.63	0.50	5.00	7.00	33.00	1.38	2.78		1.21	580.00
TL13319	82.5	83.5	1328746	1.70	7.68	21.00	750.00	0.80	2.00	0.40	0.50	5.00	7.00	18.00	1.14	3.71		0.48	143.00
TL13319	83.5	84.5	1328747	0.80	7.66	13.00	730.00	0.80	2.00	0.09	0.70	5.00	10.00	9.00	1.17	3.60		0.22	49.00
TL13319	84.5	85.5	1328748	0.50	7.57	12.00	800.00	0.90	2.00	0.37	0.50	7.00	12.00	26.00	1.44	3.46		0.45	183.00
TL13319	85.5	86.5	1328749	3.20	7.13	21.00	910.00	0.90	2.00	0.51	4.40	6.00	11.00	52.00	1.73	3.23		0.60	412.00
TL13319	86.5	87.5	1328751	0.50	7.77	11.00	1040.00	1.00	2.00	0.58	0.50	6.00	11.00	27.00	1.27	3.51		0.66	487.00
TL13319	87.5	89.0	1328752	0.50	7.67	11.00	920.00	0.90	2.00	0.23	0.50	6.00	10.00	26.00	1.22	3.66		0.40	182.00
TL13319	89.0	90.5	1328753	0.50	7.67	13.00	970.00	0.80	2.00	0.60	0.50	5.00	10.00	25.00	1.20	3.34		0.74	469.00
TL13319	90.5	92.0	1328754	0.50	7.38	6.00	850.00	0.70	2.00	0.63	0.50	6.00	8.00	15.00	1.23	3.25		0.53	263.00
TL13319	92.0	93.5	1328755	0.50	7.56	6.00	740.00	1.30	2.00	0.59	0.50	5.00	7.00	11.00	1.13	3.39		0.84	322.00
TL13319	92.0	93.5	1328756	0.50	7.44	7.00	740.00	0.80	2.00	0.49	0.50	5.00	6.00	8.00	1.04	3.39		0.72	267.00
TL13319	93.5	95.0	1328757	1.40	7.28	21.00	760.00	0.80	2.00	0.92	2.00	6.00	19.00	163.00	1.79	2.97		0.94	333.00
TL13319	95.0	96.5	1328758	0.50	7.59	9.00	690.00	0.80	2.00	2.07	0.50	10.00	80.00	20.00	1.74	2.55		2.04	762.00
TL13319	96.5	98.0	1328759	0.50	6.75	6.00	650.00	0.80	2.00	1.05	0.50	5.00	7.00	8.00	1.22	2.94		1.38	394.00
TL13319	98.0	99.5	1328761	0.50	7.15	5.00	640.00	0.70	2.00	0.50	0.50	5.00	6.00	10.00	1.32	3.33		1.63	454.00
TL13319	99.5	101.0	1328762	0.50	7.03	13.00	610.00	0.80	2.00	1.03	0.50	5.00	7.00	18.00	1.61	2.75		1.94	407.00
TL13319	101.0	102.5	1328763	0.50	7.34	5.00	600.00	0.70	2.00	0.85	0.50	6.00	6.00	6.00	1.73	2.52		2.68	415.00
TL13319	102.5	104.0	1328764	0.50	7.69	7.00	750.00	0.80	2.00	0.86	0.50	5.00	6.00	11.00	1.59	2.89		2.54	367.00
TL13319	104.0	105.5	1328765	0.50	7.11	10.00	680.00	0.90	2.00	0.86	0.50	5.00	8.00	12.00	1.30	3.01		1.69	299.00
TL13319	105.5	107.0	1328766	1.30	7.79	12.00	500.00	1.20	2.00	1.05	0.50	18.00	109.00	46.00	3.38	3.26		1.44	417.00
TL13319	107.0	108.5	1328767	5.00	7.06	80.00	700.00	1.50	3.00	0.76	5.10	19.00	118.00	126.00	3.84	2.96		1.08	256.00
TL13319	108.5	109.5	1328768	16.80	6.54	211.00	680.00	1.20	2.00	0.16	16.50	6.00	53.00	411.00	1.72	3.14		0.24	23.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13319	59.0	60.5	1328727	1.00	5.00	350.00	36.00	0.33	5.00			101.00		10.00	26.00	10.00		142.00
TL13319	60.5	62.0	1328728	1.00	4.00	350.00	7.00	0.25	5.00			89.00		10.00	25.00	10.00		43.00
TL13319	62.0	63.5	1328729	2.00	5.00	360.00	14.00	0.25	5.00			93.00		10.00	25.00	10.00		46.00
TL13319	63.5	65.0	1328731	1.00	6.00	370.00	11.00	0.31	5.00			116.00		10.00	27.00	10.00		56.00
TL13319	65.0	66.5	1328732	1.00	5.00	360.00	11.00	0.31	5.00			106.00		10.00	26.00	10.00		261.00
TL13319	66.5	68.0	1328733	1.00	4.00	370.00	26.00	0.35	5.00			98.00		10.00	26.00	10.00		68.00
TL13319	68.0	69.5	1328734	1.00	6.00	380.00	22.00	0.27	5.00			102.00		10.00	27.00	10.00		54.00
TL13319	69.5	71.0	1328736	1.00	4.00	350.00	53.00	0.38	5.00			97.00		10.00	26.00	10.00		204.00
TL13319	69.5	71.0	1328735	1.00	5.00	370.00	57.00	0.45	5.00			102.00		10.00	26.00	10.00		371.00
TL13319	71.0	72.5	1328737	1.00	7.00	370.00	12.00	0.24	5.00			113.00		10.00	26.00	10.00		54.00
TL13319	72.5	74.0	1328738	1.00	6.00	350.00	13.00	0.32	5.00			115.00		10.00	26.00	10.00		57.00
TL13319	74.0	75.5	1328739	1.00	3.00	320.00	81.00	0.38	5.00			136.00		10.00	25.00	10.00		387.00
TL13319	75.5	77.0	1328741	1.00	4.00	520.00	22.00	0.30	5.00			83.00		10.00	21.00	10.00		165.00
TL13319	77.0	78.5	1328742	1.00	6.00	310.00	26.00	0.41	5.00			73.00		10.00	23.00	10.00		182.00
TL13319	78.5	80.0	1328743	1.00	6.00	320.00	57.00	0.69	5.00			59.00		10.00	23.00	10.00		223.00
TL13319	80.0	81.0	1328744	1.00	6.00	340.00	235.00	1.73	5.00			68.00		10.00	26.00	10.00		377.00
TL13319	81.0	82.5	1328745	1.00	4.00	350.00	377.00	0.80	5.00			82.00		10.00	25.00	10.00		105.00
TL13319	82.5	83.5	1328746	1.00	5.00	430.00	155.00	0.85	5.00			34.00		10.00	26.00	10.00		152.00
TL13319	83.5	84.5	1328747	1.00	8.00	370.00	30.00	1.12	5.00			38.00		10.00	28.00	10.00		357.00
TL13319	84.5	85.5	1328748	1.00	11.00	510.00	35.00	1.36	5.00			37.00		10.00	30.00	10.00		164.00
TL13319	85.5	86.5	1328749	1.00	8.00	570.00	443.00	1.79	5.00			39.00		10.00	28.00	10.00		1935.00
TL13319	86.5	87.5	1328751	1.00	8.00	410.00	42.00	1.02	5.00			39.00		10.00	31.00	10.00		77.00
TL13319	87.5	89.0	1328752	1.00	7.00	480.00	44.00	1.05	5.00			33.00		10.00	30.00	10.00		147.00
TL13319	89.0	90.5	1328753	1.00	7.00	410.00	49.00	0.87	5.00			45.00		10.00	30.00	10.00		94.00
TL13319	90.5	92.0	1328754	1.00	6.00	380.00	39.00	1.02	5.00			34.00		10.00	26.00	10.00		93.00
TL13319	92.0	93.5	1328755	1.00	5.00	400.00	50.00	0.66	5.00			39.00		10.00	27.00	10.00		64.00
TL13319	92.0	93.5	1328756	1.00	3.00	400.00	48.00	0.63	5.00			39.00		10.00	26.00	10.00		64.00
TL13319	93.5	95.0	1328757	1.00	16.00	480.00	250.00	1.16	5.00			55.00		10.00	29.00	10.00		799.00
TL13319	95.0	96.5	1328758	1.00	57.00	890.00	53.00	0.49	5.00			106.00		10.00	39.00	10.00		86.00
TL13319	96.5	98.0	1328759	1.00	6.00	380.00	13.00	0.44	5.00			50.00		10.00	25.00	10.00		42.00
TL13319	98.0	99.5	1328761	1.00	5.00	350.00	28.00	0.64	5.00			46.00		10.00	25.00	10.00		71.00
TL13319	99.5	101.0	1328762	1.00	20.00	500.00	21.00	0.78	5.00			49.00		10.00	27.00	10.00		71.00
TL13319	101.0	102.5	1328763	1.00	5.00	360.00	11.00	0.56	5.00			31.00		10.00	26.00	10.00		46.00
TL13319	102.5	104.0	1328764	1.00	4.00	350.00	17.00	0.37	5.00			47.00		10.00	28.00	10.00		54.00
TL13319	104.0	105.5	1328765	1.00	6.00	350.00	31.00	0.42	5.00			62.00		10.00	25.00	10.00		49.00
TL13319	105.5	107.0	1328766	1.00	57.00	580.00	85.00	1.36	5.00			46.00		10.00	91.00	10.00		145.00
TL13319	107.0	108.5	1328767	1.00	70.00	450.00	368.00	2.32	23.00			43.00		10.00	96.00	10.00		1445.00
TL13319	108.5	109.5	1328768	3.00	21.00	570.00	1125.00	1.85	85.00			34.00		10.00	56.00	10.00		4400.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13319	109.5	111.0	1328769	0.80	6.67	33.00	620.00	1.20	2.00	0.45	0.50	4.00	11.00	28.00	1.08	3.34		0.38	102.00
TL13319	111.0	112.5	1328771	1.00	7.28	33.00	620.00	1.20	2.00	0.87	0.70	5.00	14.00	20.00	1.39	3.38		0.67	285.00
TL13319	112.5	114.0	1328772	1.40	7.19	42.00	610.00	1.20	2.00	0.98	0.50	5.00	11.00	28.00	1.25	3.14		0.67	236.00
TL13319	114.0	115.5	1328773	0.50	7.47	23.00	550.00	1.10	2.00	2.64	0.50	6.00	11.00	9.00	1.50	2.76		0.77	315.00
TL13319	115.5	117.0	1328774	0.50	8.09	7.00	660.00	1.30	2.00	2.30	0.50	9.00	22.00	11.00	2.00	3.32		1.26	497.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13319	109.5	111.0	1328769	1.00	6.00	910.00	72.00	0.70	5.00			31.00		10.00	36.00	10.00		55.00
TL13319	111.0	112.5	1328771	1.00	8.00	630.00	107.00	0.73	5.00			46.00		10.00	39.00	10.00		322.00
TL13319	112.5	114.0	1328772	1.00	8.00	600.00	76.00	0.70	5.00			48.00		10.00	37.00	10.00		168.00
TL13319	114.0	115.5	1328773	1.00	7.00	520.00	16.00	0.37	5.00			76.00		10.00	37.00	10.00		44.00
TL13319	115.5	117.0	1328774	1.00	17.00	580.00	28.00	0.50	5.00			122.00		10.00	41.00	10.00		103.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13319	12.8	53.2	40.4	PY	DISS	1	1% disseminated py throughout the interval
TL13319	12.8	53.2	40.4	PY	ST	2	2% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13319	12.8	53.2	40.4	SPH	ST	1	1% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13319	12.8	53.2	40.4	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13319	12.8	53.2	40.4	PB	BLB	0.1	Trace to 1% gal blebs found associated w/ sph mineralization and in qtz veins
TL13319	53.2	82.5	29.4	PY	DISS	0.1	Trace to 1% disseminated py
TL13319	53.2	82.5	29.4	PY	ST	1	1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13319	53.2	82.5	29.4	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13319	53.2	82.5	29.4	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13319	53.2	82.5	29.4	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization and minor frac controlled gal blebs
TL13319	82.5	115.6	33.1	PY	ST	2	2% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13319	82.5	115.6	33.1	PY	DISS	1	1% disseminated py throughout the interval
TL13319	82.5	115.6	33.1	SPH	ST	2	2% sph in 1-7mm wide stringers oriented semi-parallel to foliation
TL13319	82.5	115.6	33.1	PB	BLB	0.1	Trace gal blebs found associated w/ sph mineralization
TL13319	82.5	115.6	33.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13319	109.2	109.3	0.1	AU	BLB	0.1	Trace VG in 4 specks 2mm and less in diameter found w/ sph, gal, py and cpy in a smokey grey qtz vein at 109.23m depth
TL13319	115.6	171.0	55.4	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13319	115.6	171.0	55.4	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL13319	115.6	171.0	55.4	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13319	115.6	171.0	55.4	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13319	12.8	27.2	14.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13319	12.8	53.2	40.4	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13319	12.8	53.2	40.4	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13319	27.2	28.7	1.5	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13319	28.7	53.2	24.5	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13319	53.2	69.0	15.9	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13319	53.2	82.5	29.4	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13319	53.2	82.5	29.4	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13319	69.0	82.5	13.5	FOL	Strong	55	Strog foliation at 55 deg TCA
TL13319	82.5	92.0	9.5	FR	Strong	55	Strongly fractured along foliation
TL13319	82.5	115.6	33.1	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13319	82.5	115.6	33.1	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL13319	82.5	115.6	33.1	FR	Very Weak	25	V. weak fracture setcross cutting foliation at 25 deg TCA
TL13319	94.7	94.9	0.2	Fold	Weak	25	Weak F2 folding oriented at 25 deg TCA
TL13319	115.6	138.0	22.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13319	115.6	171.0	55.4	FR	Very Weak	35	V. weak fracture set cross cutting foliationat 35 deg TCA
TL13319	138.0	168.0	30.0	FOL	Weak	60	Weak foliation at 60 deg TCA
TL13319	146.0	150.9	4.9	FTZ	Moderate		Moderate fault zone w/ no preffered orientation
TL13319	168.0	171.0	3.0	FOL	Weak	55	Weak foliation at 55 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13319	12.8	53.2	40.4	SI	Patchy	Strong	Strongly silicified throughout the interval
TL13319	12.8	53.2	40.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13319	53.2	79.7	26.6	SR	Patchy	Very Weak	V. weak patchy ser alt 15% ser to 85% bio
TL13319	53.2	82.5	29.4	SI	Patchy	Strong	Moderate to strong and patchy silicification
TL13319	53.2	82.5	29.4	CH	Fract-Cont	Very Weak	V. weak fracture controlled chl alt
TL13319	79.7	82.5	2.8	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13319	82.5	98.6	16.1	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13319	82.5	115.6	33.1	SI	Patchy	Weak	Weak to very weak and patchy sil alt
TL13319	98.6	108.0	9.4	SR	Patchy	Strong	Strong patchy ser alt 70% ser to 30% bio
TL13319	108.0	115.6	7.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13319	115.6	135.0	19.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 10-15% ser to 85-90% bio
TL13319	115.6	135.0	19.4	CH	Patchy	Weak	Weak patchy chl alt throughout this interval
TL13319	115.6	138.0	22.4	SI	Patchy	Strong	Strong patchy sil alt
TL13319	135.0	171.0	36.0	SR	Patchy	Very Weak	V. weak patchy ser alt, ~8% ser to 92% bio
TL13319	135.0	171.0	36.0	SI	Patchy	Moderate	Moderate patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13319	15	18	3	3.14	0.88	104.67	29.33	50	SRP
TL13319	18	21	3	3	1.32	100	44	25	
TL13319	21	24	3	2.92	0.87	97.33	29	27	
TL13319	24	27	3	2.98	1.64	99.33	54.67	19	
TL13319	27	30	3	3	1.93	100	64.33	17	
TL13319	30	33	3	3	1.85	100	61.67	22	
TL13319	33	36	3	2.94	0.8	98	26.67	38	
TL13319	36	39	3	2.94	0.51	98	17	41	
TL13319	39	42	3	3.12	0.86	104	28.67	50	
TL13319	42	45	3	2.9	0.93	96.67	31	30	
TL13319	45	48	3	3.11	0.99	103.67	33	31	
TL13319	48	51	3	2.95	2.19	98.33	73	15	
TL13319	51	54	3	2.91	2.42	97	80.67	16	
TL13319	54	57	3	3.11	2.67	103.67	89	13	
TL13319	57	60	3	3.06	2.66	102	88.67	13	
TL13319	60	63	3	2.9	2.07	96.67	69	12	
TL13319	63	66	3	3	2.89	100	96.33	9	
TL13319	66	69	3	3.02	2.53	100.67	84.33	14	
TL13319	69	72	3	3.06	1.67	102	55.67	32	
TL13319	72	75	3	2.96	2.49	98.67	83	21	
TL13319	75	78	3	3.04	2.22	101.33	74	23	
TL13319	78	81	3	2.96	2.49	98.67	83	13	
TL13319	81	84	3	3.06	2.04	102	68	30	
TL13319	84	87	3	3.19	0	106.33	0	50	
TL13319	87	90	3	3.13	1.14	104.33	38	50	
TL13319	90	93	3	2.96	0.32	98.67	10.67	44	
TL13319	93	96	3	3.1	1.17	103.33	39	32	
TL13319	96	99	3	3.01	0.87	100.33	29	42	
TL13319	99	102	3	3.09	0.43	103	14.33	50	
TL13319	102	105	3	3.03	1.21	101	40.33	50	
TL13319	105	108	3	3.04	0.42	101.33	14	50	
TL13319	108	111	3	2.95	1.26	98.33	42	46	
TL13319	111	114	3	2.99	2.4	99.67	80	15	
TL13319	114	117	3	2.98	1.5	99.33	50	38	
TL13319	117	120	3	2.94	2.56	98	85.33	10	
TL13319	120	123	3	3.06	2.47	102	82.33	13	
TL13319	123	126	3	3.01	2.4	100.33	80	15	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13319	126	129	3	2.96	2.85	98.67	95	9	
TL13319	129	132	3	3	2.46	100	82	9	
TL13319	132	135	3	2.93	2.52	97.67	84	16	
TL13319	135	138	3	2.98	1.95	99.33	65	26	
TL13319	138	141	3	3.04	2.83	101.33	94.33	11	
TL13319	141	144	3	3.02	2.78	100.67	92.67	9	
TL13319	144	147	3	2.91	0.94	97	31.33	37	
TL13319	147	150	3	3	0.3	100	10	50	LRP
TL13319	150	153	3	3	1.52	100	50.67	50	LRP
TL13319	153	156	3	3	2.13	100	71	23	
TL13319	156	159	3	2.98	2.08	99.33	69.33	22	
TL13319	159	162	3	3.06	1.81	102	60.33	28	
TL13319	162	165	3	2.99	1.9	99.67	63.33	29	
TL13319	165	168	3	2.99	1.1	99.67	36.67	37	
TL13319	168	171	3	3.04	1.97	101.33	65.67	28	

Hole Number: TL13320

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5511892.11	North:	Collar Az: 0.00
Location: Zealand Township	East: 527520.92	East:	Length: 123.00
	Elev: 390.90	Elev:	Start Depth: 0.00
Date Started: Feb 14, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 15, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 123.00

Comments: Logged by Brian Wolfe

Claim #1106348

MSS Tail End of Main Zone from 16.7m-19.9m

This Main-Zone was collared into and has moderate patchy sericitic alteration and strong pervasive silicification. This unit is very well mineralized with 2% sphalerite in stringers, 2% pyrite in stringers, 1% disseminated pyrite, trace galena blebs and abundant Au as VG greater than 70 flecks of VG <1mm-2mm in size within two 3mm wide sph stringers parallel to foliation in a strongly silicified moderately sericitized zone, there are also several flecks directly surrounding the stringers VG found at 17.33m and 17.37m depth.

MSS C-Zone from 77.10m-99.28m

This C-Zone MSS has very strong patchy sericitic alteration and a small patch of weak sericitic alteration. This unit has weak patchy silicification. This unit is poorly mineralized with trace to 1% pyrite in stringers, trace disseminated pyrite, trace sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	5.00	-46.00	EZ Sho	OK		24.00	4.00	-45.70	EZ Sho	OK	
54.00	1.90	-43.80	EZ Sho	OK		102.00	359.00	-41.70	EZ Sho	OK	
123.00	357.40	-40.30	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1
0.00	16.70	OB, Overburden									
16.70	19.90	MSS, Muscovite Sericite Schist	1328775	16.70	17.70	1.00				430.49	
		MSS Tail End of Main Zone from 16.7m-19.9m	1328776	17.70	18.70	1.00				2.35	
		This Main-Zone was collared into and has moderate patchy sericitic alteration and strong pervasive silicification. This unit is very well mineralized with 2% sphalerite in stringers, 2% pyrite in stringers, 1% disseminated pyrite, trace galena blebs and abundant Au as VG greater than 70 flecks of VG <1mm-2mm in size within two 3mm wide sph stringers parallel to foliation in a strongly silicified moderately sericitized zone, there are also several flecks directly surrounding the stringers VG found at 17.33m and 17.37m depth.	1328777	18.70	19.90	1.20				0.88	

DETAILED LOG

Hole Number: TL13320

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
19.90	77.10	BMS, Biotite Muscovite Schist	1328778	19.90	21.00	1.10				0.22	
		This BMS unit has very weak patchy sericitic alteration with one small interval with very strong patchy sericitic alteration. This unit has moderate to strong and patchy silicification. This unit contains 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs, and trace pyrrhotite blebs.	1328779	21.00	22.00	1.00				0.08	
			1328781	22.00	23.00	1.00	0.05				
			1328782	23.00	24.00	1.00	0.04				
			1328783	24.00	25.50	1.50	0.19				
			1328784	25.50	27.00	1.50	0.09				
			1328785	27.00	28.50	1.50	0.21				
			1328786	28.50	30.00	1.50	0.29				
			1328787	30.00	31.50	1.50	0.08				
			1328788	31.50	33.00	1.50	0.31				
			1328789	33.00	34.50	1.50	0.10				
			1328791	34.50	36.00	1.50	0.08				
			1328792	36.00	37.50	1.50	0.01				
			1328793	37.50	39.00	1.50	0.01				
			1328794	39.00	40.50	1.50	0.03				
			1328795	40.50	42.00	1.50	0.02				
			1328796	40.50	42.00	1.50	0.02				
			1328797	42.00	43.50	1.50	0.31				
			1328798	43.50	45.00	1.50	0.02				
			1328799	45.00	46.50	1.50	0.05				
			1328801	46.50	48.00	1.50	0.03				
			1328802	48.00	49.00	1.00	0.05				
			1328803	49.00	50.00	1.00	0.02				
			1328804	50.00	51.00	1.00	0.05				
			1328805	51.00	52.50	1.50	0.62				
			1328806	52.50	54.00	1.50	0.11				
		1328807	54.00	55.50	1.50	0.02					
		1328808	55.50	57.00	1.50	0.01					
		1328809	57.00	58.50	1.50	0.03					
		1328811	58.50	60.00	1.50	0.16					
		1328812	60.00	61.50	1.50	0.04					
		1328813	61.50	63.00	1.50	0.02					
		1328814	63.00	64.50	1.50	0.02					
		1328815	64.50	66.00	1.50	0.04					
		1328816	64.50	66.00	1.50	0.05					
		1328817	66.00	67.50	1.50	0.19					
		1328818	67.50	69.00	1.50	0.10					
		1328819	69.00	70.50	1.50	0.09					
		1328821	70.50	72.00	1.50	0.04					
		1328822	72.00	73.50	1.50	0.05					
		1328823	73.50	75.00	1.50	0.08					
		1328824	75.00	76.50	1.50	0.03					
		1328825	76.50	78.00	1.50	0.22					

Hole Number: TL13320

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
77.10	99.28	MSS, Muscovite Sericite Schist	1328826	78.00	79.50	1.50	0.13				
		MSS C-Zone from 77.10m-99.28m	1328827	79.50	81.00	1.50	0.57				
		This C-Zone MSS has very strong patchy sericitic alteration and a small patch of weak sericitic alteration. This unit has weak patchy silicification. This unit is poorly mineralized with trace to 1% pyrite in stringers, trace disseminated pyrite, trace sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.	1328828	81.00	82.50	1.50	0.09				
			1328829	82.50	84.00	1.50	0.05				
			1328831	84.00	85.50	1.50	0.05				
			1328832	85.50	87.00	1.50	0.01				
			1328833	87.00	88.50	1.50	0.01				
			1328834	88.50	90.00	1.50	0.13				
			1328835	90.00	91.50	1.50	0.75				
			1328836	90.00	91.50	1.50	0.21				
			1328837	91.50	93.00	1.50	0.70				
			1328838	93.00	94.50	1.50	0.24				
			1328839	94.50	95.50	1.00	1.13				
			1328841	95.50	96.50	1.00	1.21				
			1328842	96.50	98.00	1.50	0.11				
			1328843	98.00	99.30	1.30	0.04				
99.28	123.00	BMS, Biotite Muscovite Schist	1328844	99.30	100.80	1.50	0.02				
		This BMS unit has very weak to moderate patchy sericitic alteration and moderate to very strong patchy to semi-pervasive silicification. This unit contains trace to 1% disseminated pyrite, 2% pyrite in stringers, trace sphalerite stringers, trace galena blebs.	1328845	100.80	102.30	1.50	0.01				
			1328846	102.30	103.80	1.50	0.02				
			1328847	103.80	105.30	1.50	0.08				
			1328848	105.30	106.80	1.50	0.02				
			1328849	106.80	108.30	1.50	0.02				
			1328851	108.30	109.80	1.50	0.03				
			1328852	109.80	111.30	1.50	0.24				
			1328853	111.30	112.80	1.50	0.20				
			1328854	112.80	114.00	1.20	0.37				
			1328855	114.00	115.00	1.00	1.44				
			1328856	114.00	115.00	1.00	2.03				
			1328857	115.00	116.50	1.50	0.02				
			1328858	116.50	118.00	1.50	0.01				
			1328859	118.00	119.00	1.00	0.01				
			1328861	119.00	120.00	1.00	0.01				
			1328862	120.00	121.50	1.50	0.01				
			1328863	121.50	123.00	1.50	0.01				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328775	16.70	17.70				430.4940	
1328776	17.70	18.70				2.3490	
1328777	18.70	19.90				0.8770	
1328778	19.90	21.00				0.2160	

Hole Number: TL13320

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328779	21.00	22.00				0.0790	
1328781	22.00	23.00	0.0480				
1328782	23.00	24.00	0.0430				
1328783	24.00	25.50	0.1900				
1328784	25.50	27.00	0.0890				
1328785	27.00	28.50	0.2070				
1328786	28.50	30.00	0.2850				
1328787	30.00	31.50	0.0760				
1328788	31.50	33.00	0.3140				
1328789	33.00	34.50	0.1000				
1328791	34.50	36.00	0.0820				
1328792	36.00	37.50	0.0140				
1328793	37.50	39.00	0.0070				
1328794	39.00	40.50	0.0270				
1328795	40.50	42.00	0.0200				
1328797	42.00	43.50	0.3130				
1328798	43.50	45.00	0.0200				
1328799	45.00	46.50	0.0470				
1328801	46.50	48.00	0.0320				
1328802	48.00	49.00	0.0470				
1328803	49.00	50.00	0.0180				
1328804	50.00	51.00	0.0480				
1328805	51.00	52.50	0.6190				
1328806	52.50	54.00	0.1080				
1328807	54.00	55.50	0.0150				
1328808	55.50	57.00	0.0110				
1328809	57.00	58.50	0.0270				
1328811	58.50	60.00	0.1550				
1328812	60.00	61.50	0.0420				
1328813	61.50	63.00	0.0220				
1328814	63.00	64.50	0.0170				
1328815	64.50	66.00	0.0420				
1328817	66.00	67.50	0.1880				
1328818	67.50	69.00	0.1030				
1328819	69.00	70.50	0.0860				
1328821	70.50	72.00	0.0430				
1328822	72.00	73.50	0.0500				
1328823	73.50	75.00	0.0820				
1328824	75.00	76.50	0.0300				

Hole Number: TL13320

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328825	76.50	78.00	0.2230				
1328826	78.00	79.50	0.1340				
1328827	79.50	81.00	0.5650				
1328828	81.00	82.50	0.0870				
1328829	82.50	84.00	0.0530				
1328831	84.00	85.50	0.0460				
1328832	85.50	87.00	0.0070				
1328833	87.00	88.50	0.0060				
1328834	88.50	90.00	0.1280				
1328835	90.00	91.50	0.7530				
1328837	91.50	93.00	0.6970				
1328838	93.00	94.50	0.2400				
1328839	94.50	95.50	1.1250				
1328841	95.50	96.50	1.2090				
1328842	96.50	98.00	0.1120				
1328843	98.00	99.30	0.0410				
1328844	99.30	100.80	0.0170				
1328845	100.80	102.30	0.0140				
1328846	102.30	103.80	0.0240				
1328847	103.80	105.30	0.0800				
1328848	105.30	106.80	0.0190				
1328849	106.80	108.30	0.0170				
1328851	108.30	109.80	0.0250				
1328852	109.80	111.30	0.2390				
1328853	111.30	112.80	0.1990				
1328854	112.80	114.00	0.3680				
1328855	114.00	115.00	1.4380				
1328857	115.00	116.50	0.0170				
1328858	116.50	118.00	0.0140				
1328859	118.00	119.00	0.0050				
1328861	119.00	120.00	0.0070				
1328862	120.00	121.50	0.0110				
1328863	121.50	123.00	0.0080				
Sample Type	CDUP						
1328796	40.50	42.00	0.0160				
1328816	64.50	66.00	0.0510				
1328836	90.00	91.50	0.2110				
1328856	114.00	115.00	2.0260				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13320	22.0	23.0	1328781	3.00	8.03	3.00	603.00	1.00	42.00	2.09	2.00	6.00	41.00	90.00	1.49	1.49	23.00	0.96	502.00
TL13320	23.0	24.0	1328782	6.00	5.88	1.00	699.00	1.00	51.00	8.58	11.00	3.00	23.00	145.00	2.57	1.01	14.00	4.50	3765.00
TL13320	24.0	25.5	1328783	1.00	6.88	11.00	3107.00	1.00	26.00	3.54	2.00	6.00	53.00	32.00	1.70	1.72	19.00	1.98	1314.00
TL13320	25.5	27.0	1328784	2.00	8.26	1.00	975.00	1.00	23.00	2.45	4.00	6.00	32.00	50.00	1.44	1.22	23.00	1.41	912.00
TL13320	27.0	28.5	1328785	1.00	8.41	9.00	809.00	1.00	27.00	1.98	2.00	6.00	28.00	23.00	1.26	1.28	27.00	1.12	676.00
TL13320	28.5	30.0	1328786	1.00	8.14	13.00	761.00	1.00	12.00	1.89	2.00	6.00	28.00	33.00	1.16	1.24	27.00	1.03	652.00
TL13320	30.0	31.5	1328787	0.50	7.41	10.00	794.00	1.00	29.00	2.24	2.00	5.00	29.00	31.00	1.23	1.18	23.00	1.51	948.00
TL13320	31.5	33.0	1328788	0.50	6.96	11.00	652.00	1.00	13.00	1.63	2.00	5.00	28.00	17.00	1.09	1.04	23.00	1.16	606.00
TL13320	33.0	34.5	1328789	1.00	9.55	15.00	862.00	1.00	19.00	2.47	2.00	7.00	31.00	32.00	1.43	1.31	28.00	1.29	735.00
TL13320	34.5	36.0	1328791	2.00	8.26	12.00	724.00	1.00	4.00	1.94	2.00	6.00	35.00	195.00	1.20	1.22	26.00	1.18	577.00
TL13320	36.0	37.5	1328792	0.50	6.25	8.00	641.0	1.00	32.00	1.22	2.00	6.00	25.00	24.00	1.15	1.11	24.00	1.16	457.00
TL13320	37.5	39.0	1328793	0.50	7.01	13.00	599.00	1.00	15.00	2.24	2.00	5.00	33.00	24.00	1.27	1.26	21.00	1.60	867.00
TL13320	39.0	40.5	1328794	5.00	6.61	13.00	581.00	1.00	50.00	2.18	4.00	5.00	26.00	19.00	1.32	1.01	28.00	1.61	842.00
TL13320	40.5	42.0	1328795	0.50	7.00	9.00	577.00	1.00	30.00	2.12	2.00	5.00	28.00	18.00	1.19	1.21	23.00	1.38	740.00
TL13320	40.5	42.0	1328796	0.50	7.60	1.00	576.00	1.00	2.00	2.44	2.00	6.00	29.00	20.00	1.32	1.14	25.00	1.64	884.00
TL13320	42.0	43.5	1328797	0.50	6.54	7.00	550.00	1.00	0.50	1.40	2.00	6.00	26.00	12.00	1.33	1.05	25.00	1.24	628.00
TL13320	43.5	45.0	1328798	0.50	8.64	16.00	620.00	1.00	13.00	1.98	2.00	6.00	26.00	25.00	1.24	1.23	27.00	1.20	577.00
TL13320	45.0	46.5	1328799	0.50	7.82	9.00	567.00	1.00	0.50	2.10	2.00	6.00	26.00	40.00	1.27	1.19	24.00	1.27	598.00
TL13320	46.5	48.0	1328801	0.50	7.83	3.00	672.00	1.00	11.00	2.13	2.00	6.00	30.00	28.00	1.28	1.20	25.00	1.20	570.00
TL13320	48.0	49.0	1328802	3.00	7.24	14.00	569.00	1.00	29.00	2.21	8.00	6.00	27.00	67.00	1.73	1.10	26.00	1.63	863.00
TL13320	49.0	50.0	1328803	0.50	8.02	8.00	623.00	1.00	22.00	1.70	2.00	7.00	27.00	13.00	1.31	1.35	33.00	1.16	450.00
TL13320	50.0	51.0	1328804	0.50	8.07	8.00	570.00	1.00	22.00	1.83	2.00	6.00	25.00	22.00	1.30	1.48	33.00	1.21	480.00
TL13320	51.0	52.5	1328805	0.50	7.40	15.00	614.00	1.00	32.00	2.32	2.00	8.00	73.00	36.00	1.66	1.04	26.00	1.67	654.00
TL13320	52.5	54.0	1328806	0.50	7.05	11.00	568.00	1.00	36.00	1.49	2.00	5.00	30.00	3.00	1.63	1.05	27.00	2.05	816.00
TL13320	54.0	55.5	1328807	1.00	8.23	1.00	696.00	1.00	0.50	2.13	2.00	6.00	32.00	21.00	1.35	1.21	28.00	1.50	616.00
TL13320	55.5	57.0	1328808	0.50	7.75	1.00	612.00	1.00	17.00	2.14	2.00	6.00	29.00	10.00	1.47	1.10	31.00	1.95	785.00
TL13320	57.0	58.5	1328809	0.50	8.17	10.00	708.00	1.00	37.00	1.82	2.00	6.00	27.00	20.00	1.32	1.08	31.00	1.84	617.00
TL13320	58.5	60.0	1328811	0.50	10.95	20.00	828.00	1.00	66.00	1.64	2.00	7.00	36.00	9.00	1.76	1.52	42.00	2.21	722.00
TL13320	60.0	61.5	1328812	0.50	8.49	12.00	634.00	1.00	56.00	1.69	2.00	6.00	32.00	10.00	1.37	1.13	35.00	2.15	752.00
TL13320	61.5	63.0	1328813	0.50	8.56	11.00	698.00	1.00	58.00	1.41	2.00	6.00	30.00	15.00	1.59	1.20	36.00	2.21	731.00
TL13320	63.0	64.5	1328814	0.50	8.29	14.00	675.00	1.00	0.50	1.36	2.00	5.00	30.00	2.00	1.23	1.54	38.00	1.92	760.00
TL13320	64.5	66.0	1328816	0.50	8.18	18.00	660.00	1.00	22.00	1.30	2.00	6.00	33.00	8.00	1.47	1.41	35.00	1.90	679.00
TL13320	64.5	66.0	1328815	1.00	8.24	18.00	697.00	1.00	27.00	1.37	2.00	6.00	39.00	13.00	1.47	1.44	35.00	1.80	712.00
TL13320	66.0	67.5	1328817	0.50	7.72	12.00	651.00	1.00	9.00	1.66	2.00	6.00	28.00	25.00	1.33	1.46	33.00	1.61	669.00
TL13320	67.5	69.0	1328818	2.00	7.87	17.00	680.00	1.00	46.00	1.78	2.00	5.00	31.00	33.00	1.27	1.30	28.00	1.51	610.00
TL13320	69.0	70.5	1328819	2.00	8.43	15.00	738.00	1.00	7.00	1.81	2.00	7.00	33.00	44.00	1.33	1.31	28.00	1.32	591.00
TL13320	70.5	72.0	1328821	2.00	8.93	18.00	755.00	1.00	8.00	2.40	2.00	9.00	40.00	20.00	1.55	1.21	25.00	1.36	600.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13320	22.0	23.0	1328781	5.00	29.00	384.00	497.00	0.83	2.50	12.00	12.00	156.00	1425.00	35.00	25.00	15.00	2.00	674.00
TL13320	23.0	24.0	1328782	3.00	22.00	261.00	1014.00	1.05	2.50	11.00	15.00	159.00	810.00	43.00	24.00	281.00	3.00	3166.00
TL13320	24.0	25.5	1328783	3.00	41.00	421.00	175.00	0.83	2.50	19.00	14.00	276.00	1287.00	42.00	24.00	25.00	3.00	229.00
TL13320	25.5	27.0	1328784	4.00	28.00	352.00	441.00	0.72	5.00	14.00	5.00	147.00	1401.00	23.00	23.00	25.00	2.00	1346.00
TL13320	27.0	28.5	1328785	2.00	23.00	326.00	364.00	0.41	2.50	12.00	12.00	122.00	1615.00	41.00	25.00	10.00	2.00	187.00
TL13320	28.5	30.0	1328786	3.00	22.00	297.00	89.00	0.49	2.50	11.00	5.00	116.00	1417.00	32.00	22.00	5.00	2.00	173.00
TL13320	30.0	31.5	1328787	3.00	26.00	282.00	134.00	0.41	2.50	11.00	15.00	123.00	1338.00	66.00	22.00	5.00	2.00	116.00
TL13320	31.5	33.0	1328788	2.00	25.00	263.00	58.00	0.36	2.50	2.50	5.00	101.00	1363.00	9.00	21.00	5.00	2.00	105.00
TL13320	33.0	34.5	1328789	3.00	27.00	349.00	82.00	0.60	2.50	7.00	16.00	141.00	1554.00	46.00	26.00	5.00	2.00	196.00
TL13320	34.5	36.0	1328791	4.00	29.00	283.00	161.00	0.48	2.50	5.00	13.00	133.00	1392.00	43.00	22.00	5.00	2.00	255.00
TL13320	36.0	37.5	1328792	2.00	21.00	294.00	17.00	0.32	2.50	7.00	10.00	80.00	1379.00	14.00	21.00	5.00	2.00	104.00
TL13320	37.5	39.0	1328793	3.00	25.00	282.00	23.00	0.47	2.50	15.00	5.00	103.00	1270.00	14.00	21.00	5.00	2.00	74.00
TL13320	39.0	40.5	1328794	3.00	21.00	285.00	1431.00	0.50	2.50	5.00	14.00	95.00	1318.00	56.00	21.00	20.00	2.00	1314.00
TL13320	40.5	42.0	1328795	3.00	21.00	273.00	45.00	0.40	2.50	10.00	5.00	101.00	1300.00	32.00	21.00	5.00	2.00	89.00
TL13320	40.5	42.0	1328796	2.00	24.00	284.00	59.00	0.41	2.50	13.00	16.00	110.00	1373.00	25.00	22.00	5.00	2.00	142.00
TL13320	42.0	43.5	1328797	1.00	24.00	360.00	1.00	0.36	2.50	12.00	11.00	79.00	1533.00	24.00	24.00	5.00	2.00	46.00
TL13320	43.5	45.0	1328798	2.00	22.00	318.00	9.00	0.37	2.50	9.00	12.00	102.00	1595.00	23.00	24.00	5.00	2.00	36.00
TL13320	45.0	46.5	1328799	2.00	23.00	288.00	2.00	0.33	2.50	11.00	13.00	100.00	1439.00	14.00	22.00	5.00	2.00	24.00
TL13320	46.5	48.0	1328801	3.00	26.00	301.00	9.00	0.39	2.50	12.00	10.00	95.00	1453.00	36.00	22.00	5.00	2.00	52.00
TL13320	48.0	49.0	1328802	2.00	24.00	300.00	1772.00	0.90	2.50	18.00	17.00	100.00	1378.00	12.00	22.00	39.00	2.00	3031.00
TL13320	49.0	50.0	1328803	3.00	23.00	333.00	11.00	0.28	2.50	2.50	10.00	98.00	1634.00	12.00	25.00	5.00	2.00	49.00
TL13320	50.0	51.0	1328804	3.00	22.00	371.00	0.50	0.42	2.50	11.00	16.00	114.00	1678.00	35.00	26.00	5.00	2.00	14.00
TL13320	51.0	52.5	1328805	3.00	51.00	485.00	8.00	0.68	2.50	12.00	13.00	112.00	1489.00	1.00	25.00	5.00	3.00	97.00
TL13320	52.5	54.0	1328806	2.00	22.00	288.00	440.00	0.70	2.50	19.00	17.00	92.00	1319.00	33.00	21.00	18.00	2.00	1078.00
TL13320	54.0	55.5	1328807	2.00	25.00	289.00	175.00	0.52	2.50	8.00	12.00	132.00	1427.00	21.00	24.00	5.00	2.00	468.00
TL13320	55.5	57.0	1328808	3.00	29.00	307.00	38.00	0.43	2.50	2.50	5.00	114.00	1496.00	34.00	23.00	5.00	2.00	83.00
TL13320	57.0	58.5	1328809	3.00	30.00	305.00	13.00	0.37	2.50	11.00	15.00	107.00	1514.00	30.00	27.00	5.00	2.00	206.00
TL13320	58.5	60.0	1328811	4.00	34.00	421.00	0.50	0.38	5.00	12.00	5.00	115.00	1786.00	58.00	41.00	10.00	3.00	53.00
TL13320	60.0	61.5	1328812	2.00	28.00	351.00	8.00	0.33	2.50	9.00	12.00	91.00	1459.00	24.00	32.00	5.00	3.00	86.00
TL13320	61.5	63.0	1328813	2.00	31.00	341.00	52.00	0.37	2.50	2.50	13.00	80.00	1491.00	30.00	25.00	10.00	2.00	209.00
TL13320	63.0	64.5	1328814	3.00	32.00	331.00	2.00	0.16	2.50	8.00	15.00	66.00	1413.00	43.00	27.00	5.00	2.00	35.00
TL13320	64.5	66.0	1328816	3.00	36.00	309.00	147.00	0.42	2.50	2.50	13.00	66.00	1405.00	17.00	23.00	5.00	2.00	109.00
TL13320	64.5	66.0	1328815	6.00	42.00	311.00	103.00	0.43	2.50	8.00	5.00	64.00	1474.00	15.00	24.00	5.00	2.00	127.00
TL13320	66.0	67.5	1328817	1.00	28.00	305.00	39.00	0.44	5.00	2.50	11.00	79.00	1321.00	26.00	22.00	5.00	2.00	84.00
TL13320	67.5	69.0	1328818	3.00	31.00	290.00	160.00	0.42	2.50	8.00	5.00	80.00	1397.00	26.00	22.00	5.00	2.00	137.00
TL13320	69.0	70.5	1328819	4.00	31.00	329.00	148.00	0.52	2.50	10.00	5.00	90.00	1549.00	31.00	25.00	13.00	2.00	524.00
TL13320	70.5	72.0	1328821	5.00	40.00	346.00	157.00	0.53	2.50	7.00	12.00	124.00	1578.00	30.00	30.00	12.00	3.00	413.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13320	72.0	73.5	1328822	2.00	8.27	60.00	630.00	1.00	30.00	2.00	2.00	7.00	49.00	25.00	1.05	1.17	22.00	1.02	406.00
TL13320	73.5	75.0	1328823	0.50	8.05	17.00	667.00	1.00	20.00	1.07	2.00	6.00	40.00	12.00	1.16	1.10	19.00	0.79	359.00
TL13320	75.0	76.5	1328824	0.50	8.08	15.00	679.00	1.00	20.00	1.87	2.00	7.00	37.00	17.00	1.35	0.98	21.00	1.14	730.00
TL13320	76.5	78.0	1328825	1.00	8.94	21.00	680.00	1.00	10.00	1.69	2.00	7.00	42.00	35.00	1.38	1.36	24.00	0.89	435.00
TL13320	78.0	79.5	1328826	0.50	8.52	20.00	643.00	1.00	50.00	0.75	2.00	8.00	52.00	29.00	1.23	1.13	19.00	0.42	157.00
TL13320	79.5	81.0	1328827	0.50	9.04	23.00	678.00	1.00	0.50	1.26	2.00	7.00	37.00	19.00	1.18	1.09	25.00	0.82	521.00
TL13320	81.0	82.5	1328828	0.50	7.33	16.00	541.00	1.00	24.00	1.38	2.00	6.00	28.00	5.00	1.15	0.86	21.00	1.07	739.00
TL13320	82.5	84.0	1328829	0.50	8.57	20.00	681.00	1.00	23.00	1.14	2.00	6.00	27.00	5.00	1.04	1.17	24.00	0.74	325.00
TL13320	84.0	85.5	1328831	0.50	6.84	9.00	548.00	1.00	37.00	1.13	2.00	6.00	28.00	7.00	1.06	1.08	21.00	0.91	309.00
TL13320	85.5	87.0	1328832	0.50	7.98	10.00	670.00	1.00	21.00	1.92	2.00	6.00	32.00	7.00	1.14	1.22	27.00	1.25	255.00
TL13320	87.0	88.5	1328833	0.50	7.97	11.00	798.00	1.00	31.00	1.24	2.00	6.00	25.00	3.00	1.32	1.30	34.00	1.73	329.00
TL13320	88.5	90.0	1328834	0.50	7.42	16.00	608.00	1.00	13.00	0.81	2.00	5.00	26.00	5.00	1.07	1.16	27.00	1.03	223.00
TL13320	90.0	91.5	1328835	1.00	8.01	21.00	618.00	1.00	11.00	0.94	2.00	7.00	27.00	12.00	0.77	1.32	24.00	0.53	50.00
TL13320	90.0	91.5	1328836	0.50	8.26	48.00	648.00	1.00	15.00	0.94	2.00	8.00	30.00	13.00	0.93	1.26	24.00	0.60	122.00
TL13320	91.5	93.0	1328837	0.50	7.85	35.00	611.00	1.00	30.00	0.65	2.00	7.00	32.00	21.00	0.91	1.05	18.00	0.36	50.00
TL13320	93.0	94.5	1328838	0.50	7.54	40.00	529.00	1.00	20.00	0.68	2.00	7.00	26.00	12.00	1.09	1.22	19.00	0.51	126.00
TL13320	94.5	95.5	1328839	2.00	7.48	36.00	465.00	1.00	34.00	0.60	2.00	7.00	42.00	33.00	1.14	1.18	16.00	0.35	50.00
TL13320	95.5	96.5	1328841	21.00	5.29	120.00	468.00	1.00	40.00	0.71	7.00	6.00	34.00	352.00	1.29	1.06	14.00	0.12	50.00
TL13320	96.5	98.0	1328842	2.00	7.14	36.00	560.00	1.00	52.00	0.77	2.00	10.00	30.00	55.00	0.78	0.99	16.00	0.21	50.00
TL13320	98.0	99.3	1328843	0.50	7.80	23.00	608.00	1.00	35.00	1.24	2.00	10.00	30.00	17.00	1.36	1.12	22.00	0.48	180.00
TL13320	99.3	100.8	1328844	0.50	8.46	8.00	770.00	1.00	24.00	3.14	2.00	9.00	30.00	4.00	1.67	1.30	28.00	1.15	358.00
TL13320	100.8	102.3	1328845	1.00	8.53	10.00	643.00	1.00	5.00	2.79	2.00	9.00	28.00	4.00	1.80	1.35	30.00	1.44	382.00
TL13320	102.3	103.8	1328846	1.00	7.78	10.00	585.00	1.00	30.00	2.64	2.00	8.00	33.00	9.00	1.35	1.21	33.00	1.12	424.00
TL13320	103.8	105.3	1328847	6.00	8.07	7.00	601.00	1.00	13.00	3.19	2.00	8.00	30.00	23.00	1.66	1.20	29.00	1.36	426.00
TL13320	105.3	106.8	1328848	0.50	7.88	1.00	694.00	1.00	0.50	2.41	2.00	9.00	30.00	11.00	1.58	1.13	22.00	0.73	249.00
TL13320	106.8	108.3	1328849	0.50	8.16	3.00	502.00	1.00	24.00	2.62	2.00	9.00	29.00	5.00	1.68	1.09	26.00	0.88	311.00
TL13320	108.3	109.8	1328851	0.50	9.47	14.00	578.00	1.00	33.00	2.93	2.00	10.00	35.00	6.00	1.95	1.44	32.00	1.15	484.00
TL13320	109.8	111.3	1328852	0.50	7.60	19.00	456.00	1.00	9.00	2.52	2.00	7.00	30.00	4.00	1.43	1.20	25.00	0.97	398.00
TL13320	111.3	112.8	1328853	1.00	6.90	42.00	448.00	1.00	23.00	1.62	2.00	11.00	38.00	17.00	1.11	1.06	28.00	0.56	292.00
TL13320	112.8	114.0	1328854	1.00	7.29	26.00	413.00	1.00	2.00	1.83	2.00	6.00	37.00	47.00	1.17	1.23	31.00	0.78	478.00
TL13320	114.0	115.0	1328855	4.00	6.77	103.00	413.00	1.00	30.00	1.33	8.00	8.00	38.00	108.00	2.84	1.39	24.00	0.53	261.00
TL13320	114.0	115.0	1328856	2.00	6.57	77.00	473.00	1.00	5.00	1.51	7.00	8.00	36.00	84.00	2.29	1.09	27.00	0.48	248.00
TL13320	115.0	116.5	1328857	0.50	7.54	14.00	463.00	1.00	8.00	2.32	2.00	9.00	30.00	6.00	1.81	1.12	26.00	1.15	347.00
TL13320	116.5	118.0	1328858	0.50	7.93	14.00	516.00	1.00	42.00	2.80	2.00	10.00	30.00	11.00	1.76	0.90	25.00	1.02	331.00
TL13320	118.0	119.0	1328859	0.50	6.99	16.00	581.00	1.00	7.00	2.63	2.00	9.00	30.00	10.00	1.51	0.97	20.00	0.59	223.00
TL13320	119.0	120.0	1328861	0.50	5.98	9.00	351.00	1.00	18.00	2.29	2.00	9.00	27.00	9.00	1.62	0.98	23.00	1.03	282.00
TL13320	120.0	121.5	1328862	0.50	6.10	2.00	429.00	1.00	19.00	2.41	2.00	9.00	28.00	5.00	1.68	0.95	24.00	1.05	348.00
TL13320	121.5	123.0	1328863	0.50	5.73	7.00	522.00	1.00	0.50	2.40	2.00	9.00	41.00	8.00	1.70	0.90	22.00	1.15	318.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13320	72.0	73.5	1328822	3.00	39.00	555.00	45.00	0.38	2.50	13.00	11.00	93.00	1417.00	83.00	25.00	5.00	3.00	80.00
TL13320	73.5	75.0	1328823	4.00	32.00	344.00	11.00	0.74	2.50	5.00	13.00	65.00	1440.00	39.00	26.00	5.00	2.00	44.00
TL13320	75.0	76.5	1328824	3.00	33.00	366.00	22.00	0.64	2.50	7.00	11.00	83.00	1457.00	21.00	25.00	5.00	2.00	48.00
TL13320	76.5	78.0	1328825	10.00	38.00	337.00	97.00	0.78	2.50	2.50	10.00	69.00	1493.00	37.00	25.00	5.00	2.00	92.00
TL13320	78.0	79.5	1328826	5.00	34.00	355.00	24.00	0.94	2.50	2.50	12.00	39.00	1558.00	13.00	26.00	5.00	2.00	33.00
TL13320	79.5	81.0	1328827	3.00	29.00	378.00	13.00	0.66	2.50	2.50	14.00	57.00	1642.00	37.00	26.00	5.00	2.00	41.00
TL13320	81.0	82.5	1328828	2.00	24.00	323.00	14.00	0.46	2.50	8.00	11.00	49.00	1445.00	21.00	23.00	5.00	2.00	30.00
TL13320	82.5	84.0	1328829	2.00	27.00	320.00	5.00	0.57	2.50	2.50	15.00	49.00	1605.00	28.00	25.00	5.00	2.00	15.00
TL13320	84.0	85.5	1328831	2.00	26.00	299.00	7.00	0.33	2.50	14.00	10.00	49.00	1331.00	31.00	21.00	5.00	2.00	27.00
TL13320	85.5	87.0	1328832	3.00	32.00	299.00	6.00	0.08	2.50	6.00	10.00	83.00	1404.00	17.00	22.00	5.00	2.00	19.00
TL13320	87.0	88.5	1328833	1.00	22.00	332.00	0.50	0.10	2.50	5.00	11.00	87.00	1505.00	48.00	25.00	5.00	3.00	35.00
TL13320	88.5	90.0	1328834	2.00	24.00	325.00	2.00	0.36	5.00	9.00	13.00	52.00	1250.00	17.00	23.00	5.00	2.00	48.00
TL13320	90.0	91.5	1328835	3.00	25.00	291.00	24.00	0.45	7.00	15.00	5.00	52.00	1164.00	4.00	23.00	5.00	2.00	325.00
TL13320	90.0	91.5	1328836	3.00	28.00	339.00	29.00	0.52	2.50	2.50	10.00	52.00	1298.00	26.00	25.00	10.00	2.00	163.00
TL13320	91.5	93.0	1328837	4.00	29.00	316.00	25.00	0.71	2.50	2.50	5.00	46.00	1195.00	37.00	25.00	10.00	2.00	90.00
TL13320	93.0	94.5	1328838	3.00	26.00	328.00	21.00	0.87	2.50	6.00	5.00	41.00	1098.00	28.00	23.00	5.00	2.00	66.00
TL13320	94.5	95.5	1328839	3.00	32.00	187.00	82.00	1.07	2.50	9.00	13.00	44.00	938.00	26.00	28.00	5.00	2.00	17.00
TL13320	95.5	96.5	1328841	3.00	23.00	125.00	1502.00	1.55	62.00	8.00	14.00	48.00	712.00	24.00	27.00	41.00	1.00	2623.00
TL13320	96.5	98.0	1328842	3.00	26.00	482.00	98.00	0.65	2.50	12.00	10.00	57.00	1106.00	35.00	36.00	5.00	2.00	176.00
TL13320	98.0	99.3	1328843	4.00	30.00	529.00	7.00	0.87	2.50	12.00	12.00	67.00	1582.00	16.00	38.00	5.00	2.00	52.00
TL13320	99.3	100.8	1328844	3.00	26.00	474.00	4.00	0.34	2.50	11.00	5.00	149.00	1885.00	31.00	36.00	5.00	2.00	53.00
TL13320	100.8	102.3	1328845	3.00	23.00	496.00	7.00	0.37	2.50	14.00	10.00	115.00	1970.00	39.00	38.00	5.00	3.00	56.00
TL13320	102.3	103.8	1328846	2.00	23.00	422.00	20.00	0.48	2.50	7.00	13.00	123.00	1816.00	24.00	35.00	5.00	2.00	76.00
TL13320	103.8	105.3	1328847	2.00	24.00	442.00	192.00	0.45	2.50	7.00	11.00	181.00	1765.00	41.00	35.00	5.00	3.00	196.00
TL13320	105.3	106.8	1328848	1.00	25.00	449.00	1.00	0.44	2.50	9.00	5.00	136.00	1801.00	26.00	32.00	5.00	3.00	6.00
TL13320	106.8	108.3	1328849	1.00	25.00	457.00	0.50	0.45	2.50	7.00	5.00	156.00	1906.00	22.00	34.00	5.00	3.00	10.00
TL13320	108.3	109.8	1328851	2.00	28.00	569.00	0.50	0.57	5.00	21.00	14.00	162.00	1803.00	10.00	39.00	5.00	4.00	49.00
TL13320	109.8	111.3	1328852	1.00	29.00	419.00	7.00	0.53	2.50	2.50	10.00	117.00	1506.00	16.00	30.00	5.00	3.00	27.00
TL13320	111.3	112.8	1328853	4.00	32.00	395.00	76.00	0.77	2.50	13.00	5.00	86.00	1613.00	18.00	33.00	10.00	2.00	225.00
TL13320	112.8	114.0	1328854	4.00	31.00	424.00	72.00	0.70	2.50	2.50	10.00	87.00	1722.00	36.00	32.00	10.00	2.00	252.00
TL13320	114.0	115.0	1328855	3.00	32.00	385.00	528.00	3.03	9.00	2.50	10.00	87.00	1501.00	37.00	32.00	43.00	3.00	2893.00
TL13320	114.0	115.0	1328856	4.00	31.00	385.00	278.00	2.30	11.00	2.50	5.00	100.00	1584.00	36.00	33.00	36.00	2.00	2299.00
TL13320	115.0	116.5	1328857	2.00	27.00	521.00	6.00	0.33	2.50	12.00	10.00	153.00	1853.00	55.00	37.00	5.00	4.00	85.00
TL13320	116.5	118.0	1328858	2.00	25.00	523.00	0.50	0.27	2.50	11.00	5.00	229.00	2078.00	24.00	38.00	5.00	4.00	13.00
TL13320	118.0	119.0	1328859	2.00	26.00	491.00	0.50	0.20	2.50	2.50	11.00	226.00	1996.00	13.00	33.00	5.00	4.00	17.00
TL13320	119.0	120.0	1328861	0.50	25.00	466.00	0.50	0.23	2.50	2.50	12.00	147.00	1739.00	27.00	28.00	5.00	3.00	21.00
TL13320	120.0	121.5	1328862	2.00	24.00	469.00	0.50	0.28	2.50	8.00	11.00	135.00	1854.00	20.00	33.00	5.00	3.00	15.00
TL13320	121.5	123.0	1328863	2.00	32.00	474.00	0.50	0.19	7.00	7.00	11.00	135.00	1917.00	53.00	36.00	5.00	4.00	16.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13320	16.7	19.9	3.2	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13320	16.7	19.9	3.2	PY	DISS	1	1% disseminated py throughout the interval
TL13320	16.7	19.9	3.2	PY	ST	2	2% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL13320	16.7	19.9	3.2	SPH	ST	2	2% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13320	17.3	17.5	0.2	AU	ST	1	*Picture* Abundant Au as VG greater than 70 flecks of VG <1mm-2mm in size within two 3mm wide sph stringers parallel to foliation in a strongly silicified moderately sericitized zone, there are also several flecks directly surrounding the stringers VG found at 17.33m and 17.37m depth
TL13320	19.9	77.1	57.2	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-amph veins
TL13320	19.9	77.1	57.2	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13320	19.9	77.1	57.2	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13320	19.9	77.1	57.2	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation and within qtz-amph veins
TL13320	19.9	77.1	57.2	PY	DISS	1	1% disseminated py
TL13320	19.9	77.1	57.2	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13320	77.1	99.3	22.2	PY	DISS	0.1	Trace disseminated py
TL13320	77.1	99.3	22.2	PY	ST	0.1	Trace to 1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13320	77.1	99.3	22.2	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13320	77.1	99.3	22.2	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13320	77.1	99.3	22.2	PB	BLB	0.1	Trace gal blebs found associated w/ sph mineralization
TL13320	99.3	123.0	23.7	PY	ST	2	2% pyrite in 1-15mm wide stringers oriented semi-parallel to foliation
TL13320	99.3	123.0	23.7	PY	DISS	0.1	Trace to 1% disseminated py
TL13320	99.3	123.0	23.7	PB	BLB	0.1	Trace gal blebs found within qtz/qtz-amph veins
TL13320	99.3	123.0	23.7	SPH	ST	0.1	Trace sph in 1-8mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13320	16.7	19.9	3.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13320	19.9	77.1	57.2	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL13320	19.9	77.1	57.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13320	49.8	50.0	0.2	Fold	Very Weak	0	V. weak F2 folding oriented at 0 deg TCA
TL13320	58.5	67.0	8.5	FTZ	Strong	55	Strong fault zone oriented semi-parallel to foliation
TL13320	73.8	73.9	0.1	Fold	Weak	45	Weak F2 folding oriented at 45 deg TCA
TL13320	77.1	93.0	15.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13320	77.1	99.3	22.2	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13320	87.0	91.0	4.0	FTZ	Very Strong		V. strong fault zone infilled w/ gouge and large rubble pile
TL13320	93.0	99.3	6.3	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13320	99.3	108.0	8.7	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13320	99.3	123.0	23.7	FR	Moderate	40	Moderate fracture set cros cutting foliation at 40 deg TCA infilled w/ qtz
TL13320	108.0	123.0	15.0	FOL	Very Strong	60	V. strong foliation at 60 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13320	16.7	19.9	3.2	SI	Pervasive	Strong	Strong pervasive silicificaion
TL13320	16.7	19.9	3.2	SR	Patchy	Moderate	Moderate patchy ser alt 60% ser to 40% bio
TL13320	19.9	36.0	16.1	SI	Patchy	Moderate	Moderate patchy sil alt
TL13320	19.9	72.6	52.7	SR	Patchy	Very Weak	V. weak patchy ser alt 20% ser to 80% bio
TL13320	36.0	60.0	24.0	SI	Patchy	Strong	Strong patchy sil alt
TL13320	60.0	77.1	17.1	SI	Patchy	Moderate	Moderate patchy sil alt
TL13320	72.6	74.4	1.7	SR	Patchy	Very Strong	V. strong patch of ser alt, 90% ser to 10% bio
TL13320	74.4	77.1	2.7	SR	Patchy	Very Weak	V. weak patchy ser alt 20% ser to 80% bio
TL13320	77.1	80.4	3.3	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13320	77.1	99.3	22.2	SI	Patchy	Weak	Weak patchy sil alt
TL13320	80.4	82.5	2.1	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13320	82.5	99.3	16.8	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13320	99.3	105.5	6.2	SI	Patchy	Moderate	Moderate patchy sil alt
TL13320	99.3	111.6	12.3	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13320	105.5	123.0	17.5	SI	Patchy	Very Strong	V. strong patchy to semi-pervasive silicification
TL13320	111.6	114.8	3.3	SR	Patchy	Moderate	Moderate patchy ser alt 45% ser to 65% bio
TL13320	114.8	123.0	8.2	SR	Patchy	Very Weak	V. weak patchy ser alt 5% ser to 95% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13320									Error in RQD entry, no records

Hole Number: TL13321

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -80.00
Project Number: TMI-TL	North: 5511758.03	North:	Collar Az: 45.00
Location: Zealand Township	East: 526818.44	East:	Length: 300.00
	Elev: 398.89	Elev:	Start Depth: 0.00
Date Started: Feb 14, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 17, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 300.00

Comments: Logged by Adam Larsen and Brian Wolfe
Patent #0081 (41215 Jones Option)
Third Hydro-geology hole done in 2013. Monitoring station installed on collar. When going back to trimble found that no cap was made and there was no markings showing which hole it was, and there was an old Teck Hole (TL252) cap sitting next to it.
Possible 3mm wide speck of VG found at 227.87m depth along the margin of a well mineralized qtz vein containing cpy, po, py, sph, and gal.
MSS Headwall from 24.20m-42.95m
This headwall MSS unit has moderate patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite w/ local blebs and stringers and trace pyrrhotite blebs.
MSS Main-Zone from 56.00m-83.85m
This Main-Zone MSS unit has strong patchy sericitic alteration and moderate patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite and in the last 2m of the unit there is trace sphalerite in stringers, and trace galena blebs.
MSS Main-Zone or possible B-Zone from 114.8m-131.06m
This MSS unit has strong patchy sericitic alteration and strong pervasive silicification. This unit is poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, and trace galena blebs.
Between 150m-153m is mineralized similar to the main zone and is the projected depth of the main zone although the mineralization occurs in BMS style rocks.
MSS Main-Zone? from 169.37m-173.90m
This MSS unit has strong patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringer, and trace galena blebs.
MSS from 214.04m-220.80m
This MSS unit has a pitted texture with, moderate patchy sericitic alteration and weak to very weak patchy silicification. This unit is poorly mineralized with trace to 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers and trace galena blebs.
MSS D-Zone? from 239.60m-248.12m
This MSS unit is possibly part of the D-Zone and has a very gradational lower contact. This unit has strong patchy sericitic alteration, moderate patchy silicification and very weak patchy chloritic alteration. This unit contains 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, trace galena blebs and trace pyrrhotite blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	45.00	-82.00	EZ Sho	OK		15.00	44.90	-81.40	EZ Sho	OK	
51.00	36.70	-81.20	EZ Sho	OK		102.00	34.00	-80.20	EZ Sho	OK	
150.00	32.50	-79.60	EZ Sho	OK		201.00	28.00	-79.40	EZ Sho	OK	
250.00	25.40	-78.50	EZ Sho	OK		300.00	23.80	-76.30	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	6.00	OB, Overburden									
6.00	24.20	BMS, Biotite Muscovite Schist Dark BMS with weak sr/si alt. Poorly mineralized	197149	22.70	24.20	1.50	0.00				

DETAILED LOG

Hole Number: TL13321

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
24.20	42.95	MSS, Muscovite Sericite Schist MSS Headwall from 24.20m-42.95m This headwall MSS unit has moderate patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite w/ local blebs and stringers and trace pyrrhotite blebs.	197151	24.20	25.70	1.50	0.01				
			197152	25.70	27.20	1.50	0.01				
			197153	27.20	28.70	1.50	0.00				
			197154	28.70	30.20	1.50	0.00				
			197156	30.20	31.70	1.50	0.00				
			197155	30.20	31.70	1.50	0.00				
			197157	31.70	33.20	1.50	0.02				
			197158	33.20	34.70	1.50	0.01				
			197159	34.70	36.20	1.50	0.01				
			197161	36.20	37.70	1.50	0.01				
			197162	37.70	39.00	1.30	0.01				
			197163	39.00	40.00	1.00	0.01				
			197164	40.00	41.50	1.50	0.01				
			197165	41.50	43.00	1.50	0.01				
			42.95	56.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite.	197166	43.00	44.50	1.50	0.01	
197167	44.50	46.00				1.50	0.01				
197168	46.00	47.50				1.50	0.01				
197169	47.50	49.00				1.50	0.00				
197171	49.00	50.50				1.50	0.01				
197172	50.50	52.00				1.50	0.01				
197173	52.00	53.00				1.00	0.01				
197174	53.00	54.50				1.50	0.01				
197176	54.50	56.00				1.50	0.01				
197175	54.50	56.00				1.50	0.01				

DETAILED LOG

Hole Number: TL13321

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
56.00	83.85	MSS, Muscovite Sericite Schist MSS Main-Zone from 56.00m-83.85m This Main-Zone MSS unit has strong patchy sericitic alteration and moderate patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite and in the last 2m of the unit there is trace sphalerite in stringers, and trace galena blebs.	197177	56.00	57.50	1.50	0.01				
			197178	57.50	59.00	1.50	0.02				
			197179	59.00	60.50	1.50	0.01				
			197181	60.50	62.00	1.50	0.00				
			197182	62.00	63.50	1.50	0.00				
			197183	63.50	65.00	1.50	0.00				
			197184	65.00	66.50	1.50	0.00				
			197185	66.50	68.00	1.50	0.00				
			197186	68.00	69.50	1.50	0.00				
			197187	69.50	71.00	1.50	0.00				
			197188	71.00	72.50	1.50	0.00				
			197189	72.50	74.00	1.50	0.00				
			197191	74.00	75.50	1.50	0.00				
			197192	75.50	77.00	1.50	0.01				
			197193	77.00	78.50	1.50	0.00				
			197194	78.50	80.00	1.50	0.00				
			197195	80.00	81.50	1.50	0.01				
			197196	80.00	81.50	1.50	0.01				
			197197	81.50	83.00	1.50	0.07				
			197198	83.00	84.00	1.00	0.12				
83.85	114.80	BMS, Biotite Muscovite Schist This BMS unit has strong patchy silicification, very weak to moderate patchy sericitic alteration, and very weak patchy chloritic alteration. This unit is poorly mineralized with only trace disseminated pyrite, trace pyrite in stringers, trace pyrrhotite blebs and trace sphalerite in stringers.	197199	84.00	85.50	1.50	0.04				
			197201	85.50	87.00	1.50	0.10				
			197202	87.00	88.50	1.50	0.13				
			197203	88.50	90.00	1.50	0.38				
			197204	90.00	91.50	1.50	0.06				
			197205	91.50	93.00	1.50	0.02				
			197206	93.00	94.50	1.50	0.03				
			197207	94.50	96.00	1.50	0.02				
			197208	96.00	97.50	1.50	0.15				
			197209	97.50	99.00	1.50	0.19				
			197211	99.00	100.50	1.50	0.54				
			197212	100.50	102.00	1.50	0.16				
			197213	102.00	103.50	1.50	0.29				
			197214	103.50	105.00	1.50	0.23				
			197216	105.00	106.50	1.50	0.19				
			197215	105.00	106.50	1.50	0.14				
			197217	106.50	108.00	1.50	0.22				
			197218	108.00	109.50	1.50	0.28				
			197219	109.50	111.00	1.50	0.12				
			197221	111.00	112.50	1.50	0.06				
			197222	112.50	113.50	1.00	0.58				
			197223	113.50	114.80	1.30	0.78				

Hole Number: TL13321

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
114.80	131.06	MSS, Muscovite Sericite Schist MSS Main-Zone or possible B-Zone from 114.8m-131.06m This MSS unit has strong patchy sericitic alteration and strong pervasive silicification. This unit is poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, and trace galena blebs.	197224	114.80	115.80	1.00	0.26				
			197225	115.80	117.00	1.20	0.08				
			197226	117.00	118.50	1.50	0.07				
			197227	118.50	120.00	1.50	0.09				
			197228	120.00	121.50	1.50	0.13				
			197229	121.50	123.00	1.50	0.15				
			197231	123.00	124.50	1.50	0.06				
			197232	124.50	126.00	1.50	0.20				
			197233	126.00	127.50	1.50	0.07				
			197234	127.50	129.00	1.50	0.16				
			197235	129.00	130.00	1.00	0.02				
			197236	129.00	130.00	1.00	0.02				
			197237	130.00	131.00	1.00	0.01				
			197238	131.00	132.04	1.04	0.15				
131.06	169.37	BMS, Biotite Muscovite Schist This BMS unit has very weak to weak patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with trace disseminated pyrite, trace to 1% pyrite in stringers, trace galena blebs and trace sphalerite in stringers. Between 150m-153m is mineralized similar to the main zone and is the projected depth of the main zone although the mineralization occurs in BMS style rocks.	197239	132.60	134.00	1.40	0.05				
			197241	134.00	135.50	1.50	0.02				
			197242	135.50	137.00	1.50	0.41				
			197243	137.00	138.50	1.50	0.02				
			197244	138.50	140.00	1.50	0.03				
			197245	140.00	141.50	1.50	0.09				
			197246	141.50	143.00	1.50	0.08				
			197247	143.00	144.50	1.50	0.12				
			197248	144.50	146.00	1.50	0.21				
			197249	146.00	147.50	1.50	0.91				
			197251	147.50	149.00	1.50	0.30				
			197252	149.00	150.50	1.50	0.14				
			197253	150.50	152.00	1.50	0.29				
			197254	152.00	153.50	1.50	0.09				
			197255	153.50	155.00	1.50	0.48				
			197256	153.50	155.00	1.50	0.36				
			197257	155.00	156.50	1.50	0.14				
			197258	156.50	158.00	1.50	0.10				
			197259	168.00	169.50	1.50	0.17				
169.37	173.90	MSS, Muscovite Sericite Schist MSS Main-Zone? from 169.37m-173.90m This MSS unit has strong patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringer, and trace galena blebs.	197261	169.50	171.00	1.50	0.11				
			197262	171.00	172.50	1.50	0.03				
			197263	172.50	174.00	1.50	0.04				

DETAILED LOG

Hole Number: TL13321

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
173.90	214.04	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong to very strong patchy silicification. This unit is moderately mineralized with most of the mineralization occurring in quartz chlorite veins and calcite veins. This unit contains 1% pyrite in stringers, 1% sphalerite in stringers, trace to 1% galena in blebs, trace pyrrhotite blebs and trace chalcopyrite blebs.	197264	174.00	175.50	1.50	0.02				
			197265	175.50	176.50	1.00	0.02				
			197266	176.50	177.50	1.00	0.30				
			197267	177.50	179.00	1.50	0.00				
			197268	179.00	180.50	1.50	0.00				
			197269	180.50	182.00	1.50	0.01				
			197271	182.00	183.50	1.50	0.06				
			197272	183.50	184.50	1.00	0.14				
			197273	184.50	186.00	1.50	0.04				
			197274	186.00	187.50	1.50	0.51				
			197276	187.50	189.00	1.50	0.21				
			197275	187.50	189.00	1.50	0.21				
			197277	189.00	190.50	1.50	0.18				
			197278	190.50	192.00	1.50	0.07				
			197279	192.00	193.50	1.50	0.05				
			197281	193.50	195.00	1.50	0.13				
			197282	195.00	196.50	1.50	0.12				
			197283	196.50	198.00	1.50	0.07				
			197284	198.00	199.50	1.50	0.04				
			197285	199.50	201.00	1.50	0.02				
			197286	201.00	202.50	1.50	0.11				
			197287	202.50	204.00	1.50	0.01				
			197288	204.00	205.50	1.50	0.02				
			197289	205.50	207.00	1.50	0.01				
			197291	207.00	208.50	1.50	0.03				
			197292	208.50	210.00	1.50	0.07				
			197293	210.00	211.50	1.50	0.05				
			197294	211.50	213.00	1.50	0.02				
			197295	213.00	214.00	1.00	0.07				
			197296	213.00	214.00	1.00	0.08				
			197297	214.00	215.50	1.50	0.05				
214.04	220.80	MSS, Muscovite Sericite Schist MSS from 214.04m-220.80m This MSS unit has a pitted texture with, moderate patchy sericitic alteration and weak to very weak patchy silicification. This unit is poorly mineralized with trace to 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers and trace galena blebs.	197298	215.50	217.00	1.50	0.18				
			197299	217.00	218.50	1.50	0.05				
			197301	218.50	219.50	1.00	0.02				
			197302	219.50	220.80	1.30	0.02				

Hole Number: TL13321

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
220.80	239.60	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy to semi-pervasive sericitic alteration and strong patchy silicification. This unit is moderately mineralized with 1% disseminated pyrite, 1% pyrrhotite blebs, trace to 1% chalcopyrite blebs, trace to 1% sphalerite in stringers, trace galena blebs, trace pyrite stringers. Possible 3mm wide speck of VG found at 227.87m depth along the margin of a well mineralized qtz vein containing cpy, po, py, sph, and gal.	197303	220.80	222.00	1.20	0.03				
			197304	222.00	223.00	1.00	0.03				
			197305	223.00	224.50	1.50	0.02				
			197306	224.50	226.00	1.50	0.04				
			197307	226.00	227.50	1.50	0.07				
			197308	227.50	228.50	1.00	0.85				
			197309	228.50	230.00	1.50	0.02				
			197311	230.00	231.50	1.50	0.03				
			197312	231.50	233.00	1.50	0.03				
			197313	233.00	234.50	1.50	0.09				
			197314	234.50	236.00	1.50	0.25				
			197315	236.00	237.50	1.50	0.10				
			197316	236.00	237.50	1.50	0.06				
			197317	237.50	238.50	1.00	0.05				
			197318	238.50	239.60	1.10	0.07				
239.60	248.12	MSS, Muscovite Sericite Schist MSS D-Zone? from 239.60m-248.12m This MSS unit is possibly part of the D-Zone and has a very gradational lower contact. This unit has strong patchy sericitic alteration, moderate patchy silicification and very weak patchy chloritic alteration. This unit contains 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, trace galena blebs and trace pyrrhotite blebs.	197319	239.60	241.10	1.50	0.32				
			197321	241.10	242.60	1.50	0.03				
			197322	242.60	243.60	1.00	0.20				
			197323	243.60	245.00	1.40	0.13				
			197324	245.00	246.00	1.00	0.04				
			197325	246.00	247.00	1.00	0.10				
			197326	247.00	248.00	1.00	0.08				
			197327	248.00	249.50	1.50	0.06				
248.12	300.00	BMS, Biotite Muscovite Schist This BMS unit has v. weak patchy sericitic alteration and moderate to weak patchy silicification and strong to very strong pervasive silicification. This unit is very poorly mineralized with trace disseminated pyrite, and a 50cm interval where blebs of arsenopyrite are present.	197328	249.50	251.00	1.50	0.03				
			197329	251.00	252.50	1.50	0.00				
			197331	252.50	254.00	1.50	0.02				
			197332	254.00	255.50	1.50	0.73				
			197333	255.50	257.00	1.50	0.06				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197149	22.70	24.20	0.0030				
197151	24.20	25.70	0.0050				
197152	25.70	27.20	0.0080				
197153	27.20	28.70	0.0040				
197154	28.70	30.20	0.0040				
197155	30.20	31.70	0.0030				
197157	31.70	33.20	0.0150				
197158	33.20	34.70	0.0120				
197159	34.70	36.20	0.0070				
197161	36.20	37.70	0.0070				

Hole Number: TL13321

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197162	37.70	39.00	0.0100				
197163	39.00	40.00	0.0050				
197164	40.00	41.50	0.0070				
197165	41.50	43.00	0.0070				
197166	43.00	44.50	0.0060				
197167	44.50	46.00	0.0080				
197168	46.00	47.50	0.0070				
197169	47.50	49.00	0.0040				
197171	49.00	50.50	0.0100				
197172	50.50	52.00	0.0090				
197173	52.00	53.00	0.0120				
197174	53.00	54.50	0.0110				
197175	54.50	56.00	0.0090				
197177	56.00	57.50	0.0110				
197178	57.50	59.00	0.0170				
197179	59.00	60.50	0.0070				
197181	60.50	62.00	0.0005				
197182	62.00	63.50	0.0005				
197183	63.50	65.00	0.0005				
197184	65.00	66.50	0.0005				
197185	66.50	68.00	0.0005				
197186	68.00	69.50	0.0005				
197187	69.50	71.00	0.0005				
197188	71.00	72.50	0.0005				
197189	72.50	74.00	0.0010				
197191	74.00	75.50	0.0040				
197192	75.50	77.00	0.0080				
197193	77.00	78.50	0.0020				
197194	78.50	80.00	0.0040				
197195	80.00	81.50	0.0130				
197197	81.50	83.00	0.0650				
197198	83.00	84.00	0.1230				
197199	84.00	85.50	0.0390				
197201	85.50	87.00	0.0980				
197202	87.00	88.50	0.1250				
197203	88.50	90.00	0.3830				
197204	90.00	91.50	0.0640				
197205	91.50	93.00	0.0150				
197206	93.00	94.50	0.0320				

Hole Number: TL13321

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197207	94.50	96.00	0.0220				
197208	96.00	97.50	0.1500				
197209	97.50	99.00	0.1870				
197211	99.00	100.50	0.5420				
197212	100.50	102.00	0.1570				
197213	102.00	103.50	0.2940				
197214	103.50	105.00	0.2250				
197215	105.00	106.50	0.1400				
197217	106.50	108.00	0.2190				
197218	108.00	109.50	0.2750				
197219	109.50	111.00	0.1240				
197221	111.00	112.50	0.0590				
197222	112.50	113.50	0.5820				
197223	113.50	114.80	0.7770				
197224	114.80	115.80	0.2550				
197225	115.80	117.00	0.0780				
197226	117.00	118.50	0.0680				
197227	118.50	120.00	0.0860				
197228	120.00	121.50	0.1300				
197229	121.50	123.00	0.1450				
197231	123.00	124.50	0.0610				
197232	124.50	126.00	0.1970				
197233	126.00	127.50	0.0650				
197234	127.50	129.00	0.1590				
197235	129.00	130.00	0.0170				
197237	130.00	131.00	0.0080				
197238	131.00	132.04	0.1540				
197239	132.60	134.00	0.0470				
197241	134.00	135.50	0.0230				
197242	135.50	137.00	0.4100				
197243	137.00	138.50	0.0220				
197244	138.50	140.00	0.0340				
197245	140.00	141.50	0.0920				
197246	141.50	143.00	0.0800				
197247	143.00	144.50	0.1190				
197248	144.50	146.00	0.2130				
197249	146.00	147.50	0.9110				
197251	147.50	149.00	0.3020				
197252	149.00	150.50	0.1410				

Hole Number: TL13321

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197253	150.50	152.00	0.2880				
197254	152.00	153.50	0.0910				
197255	153.50	155.00	0.4820				
197257	155.00	156.50	0.1360				
197258	156.50	158.00	0.1020				
197259	168.00	169.50	0.1730				
197261	169.50	171.00	0.1080				
197262	171.00	172.50	0.0280				
197263	172.50	174.00	0.0390				
197264	174.00	175.50	0.0230				
197265	175.50	176.50	0.0210				
197266	176.50	177.50	0.3030				
197267	177.50	179.00	0.0030				
197268	179.00	180.50	0.0020				
197269	180.50	182.00	0.0120				
197271	182.00	183.50	0.0570				
197272	183.50	184.50	0.1410				
197273	184.50	186.00	0.0400				
197274	186.00	187.50	0.5120				
197275	187.50	189.00	0.2110				
197277	189.00	190.50	0.1790				
197278	190.50	192.00	0.0690				
197279	192.00	193.50	0.0510				
197281	193.50	195.00	0.1260				
197282	195.00	196.50	0.1180				
197283	196.50	198.00	0.0720				
197284	198.00	199.50	0.0400				
197285	199.50	201.00	0.0160				
197286	201.00	202.50	0.1070				
197287	202.50	204.00	0.0110				
197288	204.00	205.50	0.0170				
197289	205.50	207.00	0.0050				
197291	207.00	208.50	0.0330				
197292	208.50	210.00	0.0660				
197293	210.00	211.50	0.0490				
197294	211.50	213.00	0.0240				
197295	213.00	214.00	0.0740				
197297	214.00	215.50	0.0470				
197298	215.50	217.00	0.1840				

Hole Number: TL13321

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
197299	217.00	218.50	0.0480				
197301	218.50	219.50	0.0200				
197302	219.50	220.80	0.0150				
197303	220.80	222.00	0.0260				
197304	222.00	223.00	0.0340				
197305	223.00	224.50	0.0170				
197306	224.50	226.00	0.0390				
197307	226.00	227.50	0.0690				
197308	227.50	228.50	0.8500				
197309	228.50	230.00	0.0210				
197311	230.00	231.50	0.0280				
197312	231.50	233.00	0.0290				
197313	233.00	234.50	0.0930				
197314	234.50	236.00	0.2470				
197315	236.00	237.50	0.1000				
197317	237.50	238.50	0.0450				
197318	238.50	239.60	0.0680				
197319	239.60	241.10	0.3210				
197321	241.10	242.60	0.0310				
197322	242.60	243.60	0.1960				
197323	243.60	245.00	0.1260				
197324	245.00	246.00	0.0410				
197325	246.00	247.00	0.0950				
197326	247.00	248.00	0.0760				
197327	248.00	249.50	0.0610				
197328	249.50	251.00	0.0310				
197329	251.00	252.50	0.0005				
197331	252.50	254.00	0.0150				
197332	254.00	255.50	0.7260				
197333	255.50	257.00	0.0600				
Sample Type	CDUP						
197156	30.20	31.70	0.0005				
197176	54.50	56.00	0.0080				
197196	80.00	81.50	0.0120				
197216	105.00	106.50	0.1860				
197236	129.00	130.00	0.0190				
197256	153.50	155.00	0.3600				
197276	187.50	189.00	0.2140				
197296	213.00	214.00	0.0770				

Hole Number: TL13321

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type CDUP							
197316	236.00	237.50	0.0590				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13321	22.7	24.2	197149	0.50	4.86	9.00	400.00	1.00	0.50	1.40	2.00	7.00	26.00	11.00	1.69	0.51	17.00	0.62	300.00
TL13321	24.2	25.7	197151	0.50	5.14	8.00	412.00	1.00	0.50	1.43	2.00	6.00	20.00	8.00	1.38	0.18	13.00	0.31	191.00
TL13321	25.7	27.2	197152	0.50	6.80	4.00	538.00	1.00	0.50	1.79	2.00	8.00	23.00	8.00	1.49	0.15	19.00	0.35	220.00
TL13321	27.2	28.7	197153	0.50	6.63	8.00	517.00	1.00	0.50	1.77	2.00	8.00	23.00	11.00	1.49	0.09	20.00	0.37	210.00
TL13321	28.7	30.2	197154	0.50	6.30	1.00	459.00	1.00	0.50	1.98	2.00	6.00	23.00	9.00	1.37	0.08	17.00	0.37	235.00
TL13321	30.2	31.7	197155	0.50	6.95	15.00	448.00	1.00	0.50	2.39	2.00	9.00	30.00	12.00	2.06	0.10	19.00	0.49	342.00
TL13321	30.2	31.7	197156	0.50	6.29	8.00	434.00	1.00	0.50	2.07	2.00	9.00	24.00	11.00	1.89	0.13	17.00	0.44	300.00
TL13321	31.7	33.2	197157	0.50	5.29	19.00	337.00	1.00	0.50	1.74	2.00	13.00	35.00	16.00	2.16	0.22	17.00	0.38	259.00
TL13321	33.2	34.7	197158	0.50	6.03	4.00	377.00	1.00	0.50	2.13	2.00	10.00	22.00	11.00	2.51	0.18	19.00	0.48	403.00
TL13321	34.7	36.2	197159	0.50	5.60	10.00	315.00	1.00	0.50	1.74	2.00	10.00	23.00	11.00	1.89	0.43	17.00	0.39	264.00
TL13321	36.2	37.7	197161	1.00	6.70	11.00	442.00	1.00	0.50	1.92	2.00	8.00	18.00	12.00	1.67	0.43	19.00	0.42	268.00
TL13321	37.7	39.0	197162	0.50	7.02	15.00	448.00	1.00	0.50	2.25	2.00	9.00	25.00	18.00	1.72	0.43	18.00	0.47	312.00
TL13321	39.0	40.0	197163	0.50	7.42	13.00	503.00	1.00	0.50	1.85	2.00	9.00	19.00	8.00	1.31	0.25	18.00	0.47	217.00
TL13321	40.0	41.5	197164	0.50	6.95	9.00	731.00	1.00	0.50	2.02	2.00	14.00	60.00	27.00	1.46	0.35	20.00	0.62	286.00
TL13321	41.5	43.0	197165	0.50	6.44	2.00	593.00	1.00	0.50	1.20	2.00	11.00	19.00	8.00	0.55	0.06	22.00	0.70	182.00
TL13321	43.0	44.5	197166	0.50	7.23	7.00	602.00	1.00	0.50	1.92	2.00	17.00	19.00	15.00	1.06	0.18	25.00	1.21	294.00
TL13321	44.5	46.0	197167	0.50	6.84	12.00	509.00	1.00	0.50	1.79	2.00	13.00	19.00	6.00	0.89	0.11	21.00	1.22	341.00
TL13321	46.0	47.5	197168	0.50	7.08	17.00	421.00	1.00	0.50	1.98	2.00	11.00	14.00	8.00	0.94	0.44	20.00	1.14	336.00
TL13321	47.5	49.0	197169	0.50	6.52	7.00	427.00	1.00	0.50	1.38	2.00	16.00	14.00	9.00	0.93	0.45	19.00	0.94	259.00
TL13321	49.0	50.5	197171	0.50	6.50	1.00	440.00	1.00	0.50	1.51	2.00	8.00	15.00	17.00	1.57	0.06	21.00	1.04	332.00
TL13321	50.5	52.0	197172	0.50	6.48	1.00	497.00	1.00	0.50	1.63	2.00	7.00	18.00	9.00	1.47	0.11	22.00	1.11	374.00
TL13321	52.0	53.0	197173	0.50	6.90	10.00	298.00	1.00	0.50	3.83	2.00	11.00	50.00	28.00	2.44	0.13	19.00	1.71	809.00
TL13321	53.0	54.5	197174	0.50	4.69	2.00	501.00	1.00	0.50	0.98	2.00	5.00	28.00	8.00	0.82	0.01	12.00	0.57	238.00
TL13321	54.5	56.0	197175	0.50	5.66	7.00	522.00	1.00	0.50	1.12	2.00	6.00	24.00	9.00	1.09	0.12	18.00	0.91	341.00
TL13321	54.5	56.0	197176	0.50	4.45	1.00	447.00	1.00	0.50	0.76	2.00	6.00	21.00	7.00	0.89	0.28	15.00	0.73	264.00
TL13321	56.0	57.5	197177	0.50	4.42	6.00	506.00	1.00	0.50	0.57	2.00	7.00	22.00	9.00	0.74	0.23	16.00	0.61	201.00
TL13321	57.5	59.0	197178	0.50	4.98	10.00	548.00	1.00	0.50	1.11	2.00	6.00	16.00	9.00	0.83	0.14	6.00	0.77	226.00
TL13321	59.0	60.5	197179	0.50	5.24	9.00	518.00	1.00	0.50	0.64	2.00	6.00	18.00	4.00	0.71	0.28	18.00	0.56	198.00
TL13321	60.5	62.0	197181	0.50	5.13	4.00	512.00	1.00	0.50	0.65	2.00	6.00	20.00	5.00	0.72	0.38	19.00	0.51	195.00
TL13321	62.0	63.5	197182	0.50	3.51	2.00	375.00	1.00	0.50	0.52	2.00	6.00	26.00	5.00	0.77	0.23	12.00	0.43	222.00
TL13321	63.5	65.0	197183	0.50	4.61	5.00	444.00	1.00	0.50	1.03	2.00	6.00	34.00	7.00	0.85	0.17	15.00	0.51	244.00
TL13321	65.0	66.5	197184	0.50	5.16	1.00	505.00	1.00	0.50	0.85	2.00	6.00	19.00	8.00	0.75	0.27	14.00	0.40	187.00
TL13321	66.5	68.0	197185	0.50	5.38	10.00	515.00	1.00	0.50	1.33	2.00	6.00	21.00	8.00	0.94	0.16	14.00	0.57	315.00
TL13321	68.0	69.5	197186	0.50	6.50	5.00	621.00	1.00	0.50	1.24	2.00	6.00	23.00	9.00	0.83	0.44	16.00	0.45	285.00
TL13321	69.5	71.0	197187	0.50	6.76	3.00	634.00	1.00	0.50	1.37	2.00	6.00	25.00	8.00	1.05	0.40	22.00	0.74	411.00
TL13321	71.0	72.5	197188	0.50	5.79	9.00	575.00	1.00	0.50	1.14	2.00	6.00	25.00	7.00	0.85	0.18	18.00	0.54	282.00
TL13321	72.5	74.0	197189	0.50	6.69	6.00	597.00	1.00	0.50	1.34	2.00	6.00	20.00	9.00	0.89	0.31	17.00	0.45	239.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13321	22.7	24.2	197149	2.00	18.00	570.00	4.00	0.43	2.50	11.00	5.00	159.00	1480.00	1.00	38.00	5.00	7.00	53.00
TL13321	24.2	25.7	197151	3.00	18.00	564.00	0.50	0.63	2.50	17.00	5.00	176.00	1519.00	1.00	35.00	5.00	6.00	38.00
TL13321	25.7	27.2	197152	3.00	20.00	719.00	0.50	0.53	2.50	13.00	5.00	235.00	1934.00	1.00	43.00	5.00	7.00	43.00
TL13321	27.2	28.7	197153	4.00	19.00	631.00	0.50	0.64	2.50	10.00	5.00	228.00	1745.00	1.00	41.00	5.00	7.00	49.00
TL13321	28.7	30.2	197154	3.00	18.00	607.00	3.00	0.50	2.50	8.00	5.00	236.00	1762.00	1.00	39.00	5.00	7.00	44.00
TL13321	30.2	31.7	197155	3.00	24.00	685.00	0.50	0.71	2.50	13.00	5.00	253.00	2007.00	1.00	43.00	5.00	8.00	65.00
TL13321	30.2	31.7	197156	3.00	23.00	607.00	2.00	0.70	2.50	5.00	5.00	231.00	1881.00	1.00	40.00	5.00	7.00	55.00
TL13321	31.7	33.2	197157	4.00	30.00	527.00	1.00	1.34	2.50	11.00	5.00	201.00	1697.00	1.00	40.00	5.00	7.00	57.00
TL13321	33.2	34.7	197158	4.00	24.00	588.00	2.00	0.92	2.50	13.00	5.00	219.00	1942.00	1.00	40.00	5.00	8.00	63.00
TL13321	34.7	36.2	197159	3.00	23.00	651.00	1.00	0.86	2.50	12.00	5.00	178.00	1741.00	1.00	35.00	5.00	7.00	53.00
TL13321	36.2	37.7	197161	3.00	19.00	599.00	6.00	0.71	2.50	9.00	5.00	195.00	1854.00	1.00	40.00	5.00	7.00	64.00
TL13321	37.7	39.0	197162	4.00	23.00	659.00	2.00	0.91	2.50	12.00	5.00	192.00	1905.00	1.00	43.00	5.00	7.00	50.00
TL13321	39.0	40.0	197163	3.00	21.00	663.00	5.00	0.75	2.50	13.00	5.00	186.00	1903.00	1.00	42.00	5.00	7.00	35.00
TL13321	40.0	41.5	197164	4.00	35.00	553.00	9.00	0.55	2.50	10.00	5.00	171.00	2012.00	1.00	47.00	5.00	9.00	60.00
TL13321	41.5	43.0	197165	3.00	24.00	772.00	1.00	0.05	2.50	16.00	5.00	112.00	2054.00	1.00	50.00	5.00	6.00	19.00
TL13321	43.0	44.5	197166	3.00	31.00	860.00	2.00	0.20	2.50	12.00	5.00	146.00	2004.00	1.00	50.00	5.00	7.00	48.00
TL13321	44.5	46.0	197167	2.00	26.00	811.00	7.00	0.12	2.50	10.00	5.00	134.00	2091.00	1.00	45.00	5.00	7.00	41.00
TL13321	46.0	47.5	197168	3.00	21.00	709.00	4.00	0.17	2.50	14.00	5.00	149.00	1928.00	1.00	40.00	5.00	7.00	23.00
TL13321	47.5	49.0	197169	3.00	26.00	724.00	2.00	0.17	2.50	20.00	5.00	126.00	1848.00	1.00	38.00	5.00	7.00	30.00
TL13321	49.0	50.5	197171	3.00	15.00	688.00	2.00	0.42	2.50	8.00	5.00	131.00	2066.00	1.00	40.00	5.00	7.00	47.00
TL13321	50.5	52.0	197172	3.00	16.00	731.00	4.00	0.22	2.50	13.00	5.00	129.00	2067.00	1.00	42.00	5.00	7.00	35.00
TL13321	52.0	53.0	197173	3.00	32.00	855.00	8.00	0.97	2.50	11.00	5.00	175.00	1885.00	4.00	44.00	5.00	12.00	76.00
TL13321	53.0	54.5	197174	4.00	21.00	361.00	11.00	0.23	2.50	8.00	5.00	99.00	1128.00	1.00	22.00	5.00	5.00	33.00
TL13321	54.5	56.0	197175	4.00	20.00	391.00	7.00	0.27	2.50	14.00	5.00	115.00	1486.00	2.00	29.00	5.00	5.00	57.00
TL13321	54.5	56.0	197176	3.00	16.00	352.00	8.00	0.22	2.50	5.00	5.00	90.00	1354.00	1.00	26.00	5.00	4.00	47.00
TL13321	56.0	57.5	197177	4.00	19.00	333.00	5.00	0.25	2.50	8.00	5.00	84.00	1290.00	1.00	23.00	5.00	4.00	41.00
TL13321	57.5	59.0	197178	0.50	16.00	350.00	12.00	0.35	2.50	2.50	5.00	144.00	1378.00	1.00	26.00	5.00	5.00	37.00
TL13321	59.0	60.5	197179	3.00	16.00	356.00	0.50	0.29	2.50	15.00	5.00	98.00	1313.00	1.00	26.00	5.00	5.00	54.00
TL13321	60.5	62.0	197181	3.00	18.00	336.00	0.50	0.33	2.50	7.00	5.00	102.00	1325.00	1.00	25.00	5.00	5.00	44.00
TL13321	62.0	63.5	197182	3.00	17.00	291.00	4.00	0.29	2.50	7.00	5.00	76.00	1118.00	1.00	24.00	5.00	4.00	36.00
TL13321	63.5	65.0	197183	2.00	20.00	272.00	8.00	0.31	2.50	12.00	5.00	113.00	1127.00	1.00	26.00	5.00	4.00	27.00
TL13321	65.0	66.5	197184	3.00	15.00	330.00	10.00	0.30	2.50	11.00	5.00	125.00	1176.00	1.00	24.00	5.00	4.00	35.00
TL13321	66.5	68.0	197185	4.00	22.00	332.00	10.00	0.38	2.50	2.50	5.00	122.00	1215.00	1.00	23.00	5.00	5.00	48.00
TL13321	68.0	69.5	197186	4.00	21.00	331.00	2.00	0.34	2.50	10.00	5.00	133.00	1306.00	1.00	27.00	5.00	5.00	42.00
TL13321	69.5	71.0	197187	4.00	25.00	357.00	2.00	0.33	2.50	15.00	5.00	133.00	1417.00	1.00	27.00	5.00	6.00	39.00
TL13321	71.0	72.5	197188	4.00	24.00	303.00	10.00	0.29	2.50	8.00	5.00	117.00	1278.00	1.00	26.00	5.00	5.00	43.00
TL13321	72.5	74.0	197189	4.00	21.00	331.00	11.00	0.37	2.50	13.00	5.00	137.00	1316.00	1.00	26.00	5.00	5.00	40.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13321	74.0	75.5	197191	0.50	5.52	10.00	509.00	1.00	0.50	1.32	2.00	6.00	23.00	8.00	0.98	0.39	15.00	0.49	300.00
TL13321	75.5	77.0	197192	0.50	4.90	15.00	439.00	1.00	0.50	1.03	2.00	5.00	20.00	11.00	0.90	0.36	13.00	0.39	260.00
TL13321	77.0	78.5	197193	0.50	8.00	14.00	824.00	1.00	0.50	1.30	2.00	7.00	26.00	7.00	1.15	0.36	24.00	0.69	344.00
TL13321	78.5	80.0	197194	0.50	7.69	13.00	656.00	1.00	0.50	1.66	2.00	7.00	23.00	13.00	1.03	0.17	17.00	0.51	273.00
TL13321	80.0	81.5	197195	0.50	8.42	10.00	576.00	1.00	0.50	1.80	2.00	7.00	25.00	48.00	1.66	0.67	22.00	0.62	263.00
TL13321	80.0	81.5	197196	0.50	7.55	10.00	554.00	1.00	0.50	1.60	2.00	7.00	24.00	44.00	1.59	0.24	19.00	0.57	253.00
TL13321	81.5	83.0	197197	2.00	7.17	19.00	501.00	1.00	0.50	0.90	2.00	8.00	19.00	10.00	1.61	0.34	18.00	0.51	190.00
TL13321	83.0	84.0	197198	3.00	7.11	4.00	447.00	1.00	0.50	0.86	6.00	8.00	31.00	259.00	1.71	0.12	16.00	0.52	231.00
TL13321	84.0	85.5	197199	0.50	8.18	9.00	496.00	2.00	0.50	3.17	2.00	11.00	29.00	51.00	2.19	0.37	22.00	1.22	880.00
TL13321	85.5	87.0	197201	0.50	7.44	13.00	427.00	1.00	0.50	2.55	2.00	13.00	29.00	43.00	2.08	0.45	19.00	1.01	683.00
TL13321	87.0	88.5	197202	0.50	7.19	15.00	423.00	1.00	0.50	2.49	2.00	13.00	24.00	39.00	2.14	0.47	20.00	1.02	674.00
TL13321	88.5	90.0	197203	0.50	6.87	16.00	435.00	1.00	0.50	2.46	2.00	9.00	27.00	17.00	2.17	0.39	22.00	1.11	870.00
TL13321	90.0	91.5	197204	0.50	6.68	16.00	522.00	1.00	0.50	1.58	2.00	8.00	32.00	14.00	1.66	0.46	26.00	0.95	623.00
TL13321	91.5	93.0	197205	0.50	6.17	6.00	477.00	1.00	0.50	1.23	2.00	7.00	28.00	9.00	1.63	0.28	23.00	1.21	628.00
TL13321	93.0	94.5	197206	0.50	5.47	9.00	495.00	1.00	0.50	1.16	2.00	7.00	23.00	3.00	1.46	0.38	21.00	1.08	613.00
TL13321	94.5	96.0	197207	0.50	5.88	9.00	583.00	1.00	0.50	0.99	2.00	5.00	13.00	3.00	1.05	0.28	19.00	0.63	477.00
TL13321	96.0	97.5	197208	0.50	6.28	29.00	704.00	1.00	0.50	0.82	2.00	7.00	17.00	7.00	1.29	0.17	16.00	0.49	388.00
TL13321	97.5	99.0	197209	0.50	3.99	21.00	601.00	1.00	0.50	0.98	2.00	6.00	19.00	21.00	1.09	0.28	11.00	0.41	441.00
TL13321	99.0	100.5	197211	0.50	5.93	29.00	808.00	1.00	0.50	1.63	2.00	6.00	21.00	21.00	1.39	0.33	16.00	0.46	606.00
TL13321	100.5	102.0	197212	0.50	5.86	13.00	758.00	1.00	0.50	1.51	2.00	6.00	22.00	14.00	1.31	0.33	18.00	0.49	564.00
TL13321	102.0	103.5	197213	0.50	5.63	19.00	709.00	1.00	0.50	1.78	2.00	7.00	25.00	15.00	1.32	0.53	18.00	0.56	637.00
TL13321	103.5	105.0	197214	1.00	6.58	22.00	861.00	1.00	0.50	1.83	2.00	7.00	27.00	15.00	1.44	0.39	21.00	0.60	674.00
TL13321	105.0	106.5	197216	0.50	5.03	33.00	572.00	1.00	0.50	2.37	2.00	10.00	29.00	27.00	1.74	0.45	19.00	0.89	1030.00
TL13321	105.0	106.5	197215	0.50	6.38	32.00	698.00	1.00	0.50	2.97	2.00	11.00	44.00	33.00	2.05	0.37	24.00	1.13	1193.00
TL13321	106.5	108.0	197217	1.00	6.82	48.00	683.00	1.00	0.50	3.10	2.00	11.00	39.00	84.00	2.30	0.52	22.00	1.11	1220.00
TL13321	108.0	109.5	197218	0.50	6.01	38.00	623.00	1.00	0.50	2.47	2.00	9.00	43.00	28.00	1.76	0.57	17.00	0.81	979.00
TL13321	109.5	111.0	197219	0.50	3.34	30.00	438.00	1.00	0.50	1.07	2.00	8.00	48.00	11.00	1.50	0.61	13.00	0.63	702.00
TL13321	111.0	112.5	197221	0.50	4.17	15.00	419.00	1.00	0.50	1.74	2.00	5.00	39.00	5.00	1.46	0.36	14.00	0.88	849.00
TL13321	112.5	113.5	197222	0.50	5.24	25.00	546.00	1.00	0.50	1.62	2.00	6.00	31.00	15.00	1.19	0.19	17.00	0.82	752.00
TL13321	113.5	114.8	197223	0.50	5.74	20.00	651.00	1.00	0.50	1.80	2.00	7.00	42.00	9.00	1.45	0.42	18.00	0.96	972.00
TL13321	114.8	115.8	197224	0.50	4.77	24.00	634.00	1.00	0.50	1.02	2.00	7.00	27.00	8.00	1.38	0.30	15.00	0.53	472.00
TL13321	115.8	117.0	197225	0.50	6.16	22.00	715.00	1.00	0.50	1.51	2.00	7.00	49.00	14.00	1.28	0.57	18.00	0.60	512.00
TL13321	117.0	118.5	197226	0.50	4.06	22.00	563.00	1.00	0.50	1.05	2.00	7.00	36.00	10.00	1.27	0.76	17.00	0.72	662.00
TL13321	118.5	120.0	197227	0.50	6.13	31.00	716.00	1.00	0.50	1.72	2.00	7.00	32.00	5.00	1.19	0.51	18.00	0.61	673.00
TL13321	120.0	121.5	197228	0.50	3.42	33.00	455.00	1.00	0.50	1.08	2.00	6.00	37.00	6.00	1.05	0.60	12.00	0.39	400.00
TL13321	121.5	123.0	197229	0.50	4.64	23.00	561.00	1.00	0.50	1.29	2.00	6.00	31.00	5.00	1.25	0.52	14.00	0.48	466.00
TL13321	123.0	124.5	197231	0.50	5.19	23.00	591.00	1.00	0.50	1.25	2.00	6.00	29.00	7.00	1.29	0.15	17.00	0.49	453.00
TL13321	124.5	126.0	197232	1.00	5.72	27.00	640.00	1.00	0.50	1.22	4.00	6.00	26.00	9.00	1.30	0.12	17.00	0.42	449.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13321	74.0	75.5	197191	3.00	22.00	376.00	5.00	0.40	2.50	10.00	5.00	115.00	1161.00	1.00	28.00	5.00	6.00	49.00
TL13321	75.5	77.0	197192	4.00	22.00	319.00	6.00	0.58	2.50	14.00	5.00	100.00	1066.00	1.00	24.00	5.00	5.00	42.00
TL13321	77.0	78.5	197193	4.00	26.00	375.00	26.00	0.59	2.50	18.00	5.00	144.00	1640.00	1.00	32.00	18.00	6.00	299.00
TL13321	78.5	80.0	197194	4.00	23.00	373.00	27.00	0.61	2.50	16.00	5.00	155.00	1344.00	1.00	27.00	5.00	5.00	161.00
TL13321	80.0	81.5	197195	6.00	30.00	343.00	9.00	1.02	5.00	12.00	5.00	162.00	1358.00	1.00	29.00	14.00	7.00	280.00
TL13321	80.0	81.5	197196	5.00	27.00	316.00	9.00	1.04	2.50	9.00	5.00	152.00	1316.00	1.00	28.00	5.00	6.00	215.00
TL13321	81.5	83.0	197197	4.00	21.00	316.00	602.00	1.55	2.50	13.00	5.00	144.00	1497.00	1.00	28.00	19.00	6.00	809.00
TL13321	83.0	84.0	197198	4.00	31.00	554.00	382.00	1.12	2.50	10.00	5.00	94.00	1972.00	1.00	43.00	40.00	7.00	1900.00
TL13321	84.0	85.5	197199	4.00	31.00	676.00	48.00	0.71	2.50	11.00	5.00	165.00	2134.00	6.00	45.00	10.00	8.00	288.00
TL13321	85.5	87.0	197201	4.00	30.00	606.00	11.00	0.91	2.50	17.00	5.00	148.00	2213.00	3.00	41.00	5.00	7.00	333.00
TL13321	87.0	88.5	197202	4.00	28.00	586.00	18.00	0.98	2.50	16.00	5.00	146.00	2171.00	1.00	42.00	11.00	8.00	119.00
TL13321	88.5	90.0	197203	3.00	25.00	584.00	37.00	0.95	2.50	17.00	5.00	142.00	2004.00	1.00	42.00	10.00	7.00	283.00
TL13321	90.0	91.5	197204	4.00	25.00	427.00	86.00	0.63	2.50	15.00	5.00	133.00	1696.00	1.00	34.00	5.00	6.00	271.00
TL13321	91.5	93.0	197205	3.00	23.00	396.00	25.00	0.24	2.50	7.00	5.00	127.00	1562.00	1.00	31.00	5.00	6.00	93.00
TL13321	93.0	94.5	197206	2.00	19.00	394.00	25.00	0.34	2.50	14.00	5.00	115.00	1465.00	1.00	28.00	5.00	5.00	85.00
TL13321	94.5	96.0	197207	3.00	12.00	329.00	40.00	0.38	2.50	2.50	5.00	108.00	1395.00	1.00	25.00	5.00	5.00	75.00
TL13321	96.0	97.5	197208	7.00	15.00	317.00	114.00	0.98	2.50	2.50	5.00	101.00	1304.00	1.00	24.00	5.00	5.00	251.00
TL13321	97.5	99.0	197209	5.00	18.00	304.00	189.00	0.67	2.50	2.50	5.00	77.00	1134.00	1.00	21.00	5.00	2.00	361.00
TL13321	99.0	100.5	197211	3.00	19.00	360.00	71.00	0.75	5.00	13.00	5.00	107.00	1367.00	1.00	30.00	5.00	2.00	120.00
TL13321	100.5	102.0	197212	4.00	17.00	379.00	36.00	0.51	2.50	17.00	5.00	107.00	1393.00	1.00	28.00	5.00	2.00	76.00
TL13321	102.0	103.5	197213	3.00	19.00	355.00	66.00	0.43	2.50	2.50	5.00	115.00	1368.00	1.00	29.00	5.00	2.00	114.00
TL13321	103.5	105.0	197214	4.00	21.00	373.00	81.00	0.72	2.50	11.00	5.00	134.00	1446.00	1.00	31.00	5.00	3.00	107.00
TL13321	105.0	106.5	197216	5.00	32.00	532.00	54.00	0.64	2.50	7.00	5.00	112.00	1820.00	1.00	39.00	5.00	4.00	116.00
TL13321	105.0	106.5	197215	6.00	39.00	604.00	56.00	0.65	2.50	18.00	5.00	136.00	2122.00	1.00	48.00	5.00	4.00	134.00
TL13321	106.5	108.0	197217	5.00	45.00	716.00	121.00	0.95	5.00	2.50	5.00	156.00	2410.00	1.00	53.00	5.00	5.00	358.00
TL13321	108.0	109.5	197218	6.00	49.00	569.00	71.00	0.76	2.50	11.00	5.00	133.00	1780.00	1.00	41.00	5.00	4.00	129.00
TL13321	109.5	111.0	197219	8.00	58.00	367.00	37.00	0.77	2.50	11.00	5.00	65.00	1381.00	1.00	30.00	5.00	3.00	79.00
TL13321	111.0	112.5	197221	6.00	45.00	359.00	22.00	0.58	2.50	10.00	5.00	87.00	1193.00	1.00	29.00	5.00	2.00	137.00
TL13321	112.5	113.5	197222	5.00	32.00	366.00	34.00	0.38	2.50	7.00	5.00	92.00	1369.00	5.00	30.00	5.00	2.00	127.00
TL13321	113.5	114.8	197223	6.00	49.00	390.00	118.00	0.71	2.50	9.00	5.00	100.00	1418.00	3.00	30.00	5.00	3.00	131.00
TL13321	114.8	115.8	197224	5.00	35.00	338.00	249.00	1.17	2.50	18.00	5.00	74.00	1258.00	1.00	26.00	5.00	2.00	361.00
TL13321	115.8	117.0	197225	8.00	62.00	372.00	104.00	0.83	2.50	12.00	5.00	98.00	1391.00	1.00	31.00	5.00	3.00	160.00
TL13321	117.0	118.5	197226	6.00	43.00	380.00	37.00	0.74	2.50	14.00	5.00	64.00	1339.00	1.00	28.00	5.00	3.00	89.00
TL13321	118.5	120.0	197227	8.00	39.00	378.00	68.00	0.86	2.50	13.00	5.00	109.00	1349.00	1.00	28.00	5.00	2.00	88.00
TL13321	120.0	121.5	197228	7.00	47.00	336.00	53.00	0.79	2.50	2.50	5.00	67.00	1082.00	1.00	24.00	5.00	2.00	89.00
TL13321	121.5	123.0	197229	5.00	37.00	377.00	32.00	0.97	2.50	11.00	5.00	88.00	1249.00	1.00	26.00	5.00	3.00	45.00
TL13321	123.0	124.5	197231	6.00	35.00	310.00	52.00	1.07	2.50	2.50	5.00	94.00	1272.00	1.00	25.00	5.00	2.00	105.00
TL13321	124.5	126.0	197232	5.00	31.00	315.00	279.00	1.30	2.50	7.00	5.00	97.00	1227.00	1.00	25.00	32.00	2.00	1721.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13321	126.0	127.5	197233	0.50	4.56	27.00	599.00	1.00	0.50	1.30	2.00	6.00	30.00	16.00	1.28	0.01	16.00	0.82	814.00
TL13321	127.5	129.0	197234	1.00	5.73	29.00	845.00	1.00	0.50	0.84	2.00	7.00	29.00	10.00	1.52	0.27	16.00	0.49	365.00
TL13321	129.0	130.0	197235	0.50	5.93	17.00	750.00	1.00	0.50	1.09	2.00	6.00	26.00	1.00	1.35	0.40	16.00	0.53	372.00
TL13321	129.0	130.0	197236	0.50	5.90	22.00	794.00	1.00	0.50	1.10	2.00	6.00	28.00	1.00	1.68	0.74	18.00	0.57	406.00
TL13321	130.0	131.0	197237	0.50	4.38	8.00	590.00	1.00	0.50	0.58	2.00	5.00	22.00	0.50	0.77	0.48	12.00	0.39	250.00
TL13321	131.0	132.0	197238	2.00	5.56	35.00	616.00	1.00	0.50	2.24	2.00	16.00	101.00	35.00	2.77	0.31	18.00	1.10	848.00
TL13321	132.6	134.0	197239	0.50	4.97	16.00	466.00	1.00	0.50	1.55	2.00	22.00	142.00	58.00	3.53	0.45	25.00	1.41	698.00
TL13321	134.0	135.5	197241	0.50	4.41	13.00	383.00	1.00	0.50	0.55	2.00	7.00	37.00	16.00	2.28	0.35	21.00	1.37	714.00
TL13321	135.5	137.0	197242	0.50	4.27	19.00	421.00	1.00	0.50	0.59	2.00	7.00	34.00	19.00	1.86	0.63	14.00	0.90	1058.00
TL13321	137.0	138.5	197243	0.50	2.96	36.00	472.00	1.00	0.50	0.34	2.00	6.00	31.00	2.00	2.09	0.44	12.00	0.98	609.00
TL13321	138.5	140.0	197244	0.50	6.84	106.00	755.00	2.00	0.50	1.55	2.00	15.00	79.00	26.00	3.04	0.75	18.00	1.22	733.00
TL13321	140.0	141.5	197245	0.50	5.64	137.00	775.00	2.00	0.50	0.39	2.00	20.00	114.00	51.00	3.29	0.81	15.00	0.64	332.00
TL13321	141.5	143.0	197246	0.50	5.51	70.00	1261.00	1.00	0.50	0.60	2.00	8.00	47.00	10.00	1.69	0.31	12.00	0.55	270.00
TL13321	143.0	144.5	197247	0.50	5.80	97.00	1172.00	1.00	0.50	0.80	2.00	10.00	41.00	17.00	1.96	0.97	16.00	0.75	413.00
TL13321	144.5	146.0	197248	0.50	6.22	64.00	872.00	1.00	0.50	1.45	2.00	10.00	37.00	31.00	1.97	0.80	17.00	0.98	637.00
TL13321	146.0	147.5	197249	3.00	5.65	127.00	787.00	1.00	0.50	1.08	2.00	9.00	42.00	33.00	1.94	0.92	16.00	0.89	475.00
TL13321	147.5	149.0	197251	2.00	6.21	78.00	726.00	2.00	0.50	1.14	2.00	14.00	39.00	32.00	2.19	0.18	18.00	1.10	543.00
TL13321	149.0	150.5	197252	0.50	5.91	55.00	638.00	1.00	0.50	1.27	2.00	16.00	76.00	12.00	2.75	0.43	21.00	2.00	970.00
TL13321	150.5	152.0	197253	6.00	6.10	49.00	766.00	1.00	0.50	1.00	10.00	13.00	42.00	15.00	2.33	0.28	18.00	1.20	520.00
TL13321	152.0	153.5	197254	0.50	6.19	43.00	755.00	1.00	0.50	0.61	2.00	12.00	42.00	12.00	1.95	0.17	16.00	0.75	287.00
TL13321	153.5	155.0	197256	2.00	5.76	56.00	720.00	1.00	0.50	0.38	5.00	17.00	46.00	101.00	2.18	0.46	16.00	0.85	320.00
TL13321	153.5	155.0	197255	4.00	6.61	62.00	806.00	1.00	0.50	0.47	5.00	18.00	45.00	125.00	2.39	0.29	18.00	0.93	338.00
TL13321	155.0	156.5	197257	0.50	6.28	51.00	750.00	1.00	0.50	0.48	2.00	17.00	90.00	19.00	2.90	0.38	21.00	1.02	501.00
TL13321	156.5	158.0	197258	0.50	5.71	24.00	497.00	1.00	0.50	0.65	2.00	23.00	139.00	62.00	3.69	0.67	28.00	1.77	1080.00
TL13321	168.0	169.5	197259	0.50	5.26	23.00	292.00	1.00	0.50	1.06	2.00	17.00	111.00	49.00	3.07	0.39	26.00	1.61	1124.00
TL13321	169.5	171.0	197261	0.50	5.76	17.00	454.00	1.00	0.50	1.26	2.00	8.00	30.00	10.00	1.63	0.57	23.00	1.04	680.00
TL13321	171.0	172.5	197262	0.50	5.24	12.00	409.00	1.00	0.50	1.43	2.00	6.00	28.00	7.00	1.59	0.49	26.00	1.10	754.00
TL13321	172.5	174.0	197263	0.50	5.46	9.00	414.00	1.00	0.50	1.25	2.00	8.00	23.00	10.00	1.68	0.29	28.00	0.96	697.00
TL13321	174.0	175.5	197264	0.50	6.13	12.00	465.00	1.00	0.50	1.62	2.00	7.00	29.00	13.00	1.68	0.33	25.00	1.03	704.00
TL13321	175.5	176.5	197265	0.50	4.54	9.00	374.00	1.00	0.50	1.22	2.00	6.00	23.00	8.00	1.60	0.37	19.00	1.09	837.00
TL13321	176.5	177.5	197266	21.00	5.09	6.00	288.00	1.00	0.50	4.84	63.00	6.00	18.00	559.00	3.08	0.30	16.00	2.73	2610.00
TL13321	177.5	179.0	197267	0.50	4.92	6.00	409.00	1.00	0.50	1.74	2.00	5.00	22.00	24.00	1.31	0.31	17.00	1.13	904.00
TL13321	179.0	180.5	197268	0.50	5.97	9.00	552.00	1.00	0.50	2.55	2.00	8.00	34.00	9.00	1.84	0.28	20.00	1.21	953.00
TL13321	180.5	182.0	197269	0.50	5.57	9.00	486.00	1.00	0.50	2.08	2.00	6.00	26.00	5.00	1.42	0.25	18.00	1.02	767.00
TL13321	182.0	183.5	197271	0.50	6.62	40.00	592.00	1.00	0.50	2.54	2.00	8.00	29.00	10.00	2.10	0.38	21.00	1.24	1086.00
TL13321	183.5	184.5	197272	1.00	6.25	17.00	492.00	1.00	0.50	3.19	2.00	6.00	35.00	12.00	1.75	0.11	17.00	1.46	1179.00
TL13321	184.5	186.0	197273	4.00	5.50	27.00	557.00	1.00	0.50	4.21	22.00	5.00	35.00	21.00	2.65	0.38	12.00	1.83	1707.00
TL13321	186.0	187.5	197274	2.00	6.86	26.00	555.00	1.00	0.50	3.36	7.00	7.00	33.00	76.00	2.11	0.43	17.00	1.39	1113.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13321	126.0	127.5	197233	5.00	37.00	351.00	160.00	0.95	2.50	6.00	5.00	79.00	1264.00	1.00	26.00	5.00	3.00	92.00
TL13321	127.5	129.0	197234	6.00	36.00	391.00	188.00	1.56	2.50	15.00	5.00	74.00	1385.00	1.00	29.00	10.00	3.00	304.00
TL13321	129.0	130.0	197235	5.00	35.00	360.00	50.00	1.26	2.50	12.00	5.00	98.00	1422.00	1.00	27.00	5.00	3.00	118.00
TL13321	129.0	130.0	197236	6.00	37.00	375.00	78.00	1.70	2.50	13.00	5.00	92.00	1433.00	1.00	28.00	5.00	3.00	134.00
TL13321	130.0	131.0	197237	4.00	24.00	353.00	34.00	0.57	2.50	6.00	5.00	66.00	1213.00	1.00	25.00	5.00	3.00	62.00
TL13321	131.0	132.0	197238	5.00	58.00	448.00	735.00	1.52	2.50	6.00	5.00	134.00	1783.00	7.00	60.00	5.00	9.00	164.00
TL13321	132.6	134.0	197239	6.00	85.00	470.00	41.00	0.84	2.50	8.00	5.00	100.00	1908.00	7.00	79.00	5.00	9.00	109.00
TL13321	134.0	135.5	197241	7.00	45.00	415.00	12.00	0.45	2.50	5.00	5.00	64.00	1425.00	6.00	31.00	5.00	5.00	79.00
TL13321	135.5	137.0	197242	6.00	46.00	324.00	23.00	0.69	2.50	10.00	5.00	77.00	1008.00	1.00	24.00	5.00	6.00	49.00
TL13321	137.0	138.5	197243	5.00	38.00	398.00	22.00	1.66	2.50	5.00	5.00	43.00	1026.00	1.00	26.00	5.00	4.00	57.00
TL13321	138.5	140.0	197244	10.00	79.00	677.00	170.00	2.84	2.50	11.00	5.00	106.00	1521.00	1.00	56.00	11.00	10.00	552.00
TL13321	140.0	141.5	197245	8.00	96.00	584.00	260.00	3.49	2.50	5.00	5.00	56.00	1357.00	1.00	69.00	13.00	9.00	490.00
TL13321	141.5	143.0	197246	7.00	64.00	656.00	106.00	1.64	2.50	14.00	5.00	62.00	1277.00	1.00	40.00	5.00	6.00	100.00
TL13321	143.0	144.5	197247	6.00	58.00	678.00	105.00	1.80	2.50	2.50	5.00	64.00	1422.00	1.00	43.00	5.00	6.00	128.00
TL13321	144.5	146.0	197248	5.00	41.00	600.00	70.00	1.53	5.00	13.00	5.00	73.00	1335.00	2.00	44.00	5.00	7.00	85.00
TL13321	146.0	147.5	197249	5.00	51.00	623.00	574.00	1.85	5.00	6.00	5.00	64.00	1241.00	1.00	36.00	11.00	6.00	482.00
TL13321	147.5	149.0	197251	5.00	59.00	624.00	344.00	1.90	6.00	17.00	5.00	73.00	1226.00	1.00	41.00	5.00	7.00	389.00
TL13321	149.0	150.5	197252	7.00	59.00	538.00	143.00	1.68	2.50	7.00	5.00	75.00	1497.00	6.00	50.00	5.00	8.00	342.00
TL13321	150.5	152.0	197253	11.00	59.00	647.00	1462.00	2.08	2.50	13.00	5.00	91.00	1182.00	6.00	42.00	61.00	6.00	3190.00
TL13321	152.0	153.5	197254	6.00	61.00	670.00	167.00	1.67	2.50	6.00	5.00	85.00	1090.00	1.00	45.00	5.00	5.00	400.00
TL13321	153.5	155.0	197256	6.00	73.00	675.00	716.00	1.86	2.50	7.00	5.00	72.00	1142.00	1.00	48.00	14.00	6.00	601.00
TL13321	153.5	155.0	197255	6.00	75.00	785.00	1016.00	2.07	2.50	8.00	5.00	81.00	1253.00	1.00	54.00	12.00	6.00	601.00
TL13321	155.0	156.5	197257	7.00	72.00	628.00	109.00	2.15	2.50	2.50	5.00	77.00	1414.00	1.00	74.00	5.00	9.00	82.00
TL13321	156.5	158.0	197258	6.00	87.00	489.00	52.00	1.07	2.50	6.00	5.00	73.00	1675.00	6.00	90.00	5.00	11.00	111.00
TL13321	168.0	169.5	197259	5.00	64.00	397.00	75.00	1.31	2.50	6.00	5.00	84.00	1095.00	1.00	64.00	5.00	11.00	307.00
TL13321	169.5	171.0	197261	5.00	34.00	447.00	221.00	0.92	2.50	5.00	5.00	93.00	1331.00	1.00	34.00	25.00	6.00	1147.00
TL13321	171.0	172.5	197262	4.00	30.00	465.00	57.00	0.62	2.50	10.00	5.00	91.00	1437.00	3.00	30.00	5.00	5.00	92.00
TL13321	172.5	174.0	197263	3.00	25.00	522.00	25.00	0.52	2.50	7.00	5.00	91.00	1803.00	1.00	36.00	5.00	6.00	132.00
TL13321	174.0	175.5	197264	5.00	34.00	483.00	17.00	0.44	2.50	8.00	5.00	108.00	1792.00	1.00	34.00	5.00	6.00	265.00
TL13321	175.5	176.5	197265	4.00	26.00	427.00	10.00	0.39	2.50	9.00	5.00	75.00	1527.00	1.00	30.00	5.00	5.00	110.00
TL13321	176.5	177.5	197266	3.00	18.00	366.00	16220.0	2.96	11.00	22.00	5.00	132.00	1223.00	14.00	26.00	450.00	8.00	23231.00
TL13321	177.5	179.0	197267	5.00	24.00	347.00	278.00	0.34	2.50	11.00	5.00	95.00	1323.00	1.00	26.00	13.00	5.00	411.00
TL13321	179.0	180.5	197268	7.00	33.00	475.00	35.00	0.53	2.50	12.00	5.00	119.0	1630.00	12.00	33.00	5.00	3.00	172.00
TL13321	180.5	182.0	197269	5.00	31.00	434.00	26.00	0.41	2.50	13.00	5.00	100.00	1402.00	1.00	29.00	5.00	2.00	98.00
TL13321	182.0	183.5	197271	5.00	31.00	483.00	148.00	1.59	2.50	13.00	5.00	109.00	1567.00	1.00	33.00	5.00	3.00	400.00
TL13321	183.5	184.5	197272	7.00	35.00	461.00	352.00	0.90	2.50	9.00	5.00	137.00	1440.00	15.00	31.00	5.00	3.00	177.00
TL13321	184.5	186.0	197273	7.00	42.00	389.00	4379.00	2.53	2.50	2.50	5.00	140.00	1154.00	13.00	28.00	129.00	4.00	8031.00
TL13321	186.0	187.5	197274	6.00	36.00	424.00	652.00	1.66	2.50	6.00	5.00	138.00	1377.00	21.00	32.00	41.00	3.00	2170.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13321	187.5	189.0	197276	0.50	5.55	19.00	542.00	1.00	0.50	2.41	2.00	6.00	30.00	17.00	1.67	0.47	21.00	1.14	960.00
TL13321	187.5	189.0	197275	0.50	5.87	19.00	521.00	1.00	0.50	2.62	2.00	7.00	32.00	20.00	1.93	0.36	24.00	1.33	1140.00
TL13321	189.0	190.5	197277	0.50	5.25	27.00	606.00	1.00	0.50	1.85	2.00	8.00	34.00	10.00	1.73	0.47	17.00	1.03	852.00
TL13321	190.5	192.0	197278	0.50	4.69	20.00	558.00	1.00	0.50	1.72	2.00	7.00	43.00	19.00	1.62	0.45	15.00	0.85	758.00
TL13321	192.0	193.5	197279	0.50	4.98	15.00	572.00	1.00	0.50	1.76	2.00	7.00	47.00	22.00	1.69	0.28	19.00	0.93	775.00
TL13321	193.5	195.0	197281	1.00	5.28	11.00	532.00	1.00	0.50	1.93	2.00	7.00	60.00	80.00	1.67	0.28	18.00	0.97	808.00
TL13321	195.0	196.5	197282	0.50	6.44	19.00	643.00	1.00	0.50	2.05	2.00	8.00	37.00	36.00	1.46	0.23	20.00	0.90	709.00
TL13321	196.5	198.0	197283	0.50	5.07	21.00	477.00	1.00	0.50	1.86	2.00	7.00	32.00	9.00	1.47	0.17	15.00	0.91	610.00
TL13321	198.0	199.5	197284	0.50	6.29	18.00	603.00	1.00	0.50	2.26	2.00	8.00	47.00	8.00	1.70	0.52	19.00	1.04	749.00
TL13321	199.5	201.0	197285	0.50	5.44	4.00	477.00	1.00	0.50	2.31	2.00	7.00	31.00	12.00	1.41	0.15	17.00	1.09	833.00
TL13321	201.0	202.5	197286	5.00	7.10	6.00	677.00	1.00	0.50	2.90	6.00	9.00	51.00	51.00	2.19	0.49	19.00	1.28	1155.00
TL13321	202.5	204.0	197287	0.50	6.16	14.00	599.00	1.00	0.50	2.27	2.00	8.00	48.00	49.00	1.74	0.49	21.00	1.05	871.00
TL13321	204.0	205.5	197288	1.00	5.86	5.00	605.00	1.00	0.50	1.70	2.00	8.00	45.00	34.00	1.75	0.57	21.00	0.81	592.00
TL13321	205.5	207.0	197289	0.50	4.79	8.00	493.00	1.00	0.50	1.64	2.00	6.00	38.00	17.00	1.58	0.16	17.00	0.77	593.00
TL13321	207.0	208.5	197291	0.50	5.27	21.00	475.00	1.00	0.50	1.79	2.00	8.00	39.00	22.00	1.69	0.23	18.00	0.90	698.00
TL13321	208.5	210.0	197292	3.00	5.75	18.00	441.00	1.00	0.50	4.59	2.00	7.00	48.00	65.00	2.76	0.31	14.00	2.23	1602.00
TL13321	210.0	211.5	197293	0.50	4.97	23.00	396.00	1.00	0.50	2.38	2.00	5.00	39.00	8.00	1.50	0.29	14.00	1.13	622.00
TL13321	211.5	213.0	197294	0.50	5.80	15.00	501.00	1.00	0.50	2.27	2.00	6.00	49.00	7.00	1.40	0.41	16.00	1.17	597.00
TL13321	213.0	214.0	197296	0.50	5.31	14.00	501.00	1.00	0.50	1.96	2.00	5.00	46.00	15.00	1.27	0.94	16.00	1.05	637.00
TL13321	213.0	214.0	197295	0.50	5.13	17.00	459.00	1.00	0.50	1.89	2.00	6.00	37.00	16.00	1.23	0.40	16.00	1.05	642.00
TL13321	214.0	215.5	197297	0.50	4.98	23.00	520.00	1.00	0.50	1.48	2.00	6.00	42.00	11.00	1.29	1.00	15.00	0.86	487.00
TL13321	215.5	217.0	197298	1.00	5.41	36.00	551.00	1.00	0.50	1.67	2.00	6.00	38.00	5.00	1.54	0.24	17.00	0.90	534.00
TL13321	217.0	218.5	197299	0.50	5.04	23.00	517.00	1.00	0.50	1.50	2.00	5.00	40.00	5.00	1.23	0.28	16.00	0.79	482.00
TL13321	218.5	219.5	197301	0.50	6.30	18.00	604.00	1.00	0.50	1.50	2.00	7.00	64.00	18.00	1.52	0.70	23.00	0.79	480.00
TL13321	219.5	220.8	197302	0.50	6.21	8.00	511.00	1.00	0.50	2.38	2.00	7.00	54.00	17.00	1.58	0.54	22.00	1.30	760.00
TL13321	220.8	222.0	197303	1.00	5.50	21.00	601.00	1.00	0.50	2.51	2.00	5.00	59.00	90.00	1.61	0.66	17.00	1.21	764.00
TL13321	222.0	223.0	197304	1.00	6.73	6.00	647.00	2.00	0.50	2.57	6.00	7.00	64.00	118.00	2.33	0.54	24.00	1.32	927.00
TL13321	223.0	224.5	197305	0.50	6.19	10.00	480.00	1.00	0.50	2.51	2.00	6.00	47.00	36.00	1.49	0.48	20.00	1.23	868.00
TL13321	224.5	226.0	197306	0.50	7.29	10.00	584.00	1.00	0.50	2.69	2.00	7.00	41.00	47.00	1.64	0.52	24.00	1.34	973.00
TL13321	226.0	227.5	197307	0.50	6.00	7.00	548.00	1.00	0.50	2.13	2.00	6.00	38.00	15.00	1.32	0.32	22.00	1.09	779.00
TL13321	227.5	228.5	197308	29.00	5.91	18.00	748.00	1.00	0.50	2.64	13.00	6.00	45.00	3608.00	2.21	0.72	23.00	1.28	847.00
TL13321	228.5	230.0	197309	0.50	6.82	12.00	651.00	1.00	0.50	2.92	2.00	6.00	47.00	24.00	1.43	0.43	24.00	1.34	865.00
TL13321	230.0	231.5	197311	0.50	5.79	13.00	405.00	1.00	0.50	3.43	2.00	7.00	30.00	35.00	1.69	0.48	19.00	1.73	1134.00
TL13321	231.5	233.0	197312	1.00	5.19	6.00	356.00	1.00	0.50	4.68	2.00	6.00	20.00	65.00	1.78	0.37	15.00	2.20	1509.00
TL13321	233.0	234.5	197313	1.00	6.80	15.00	554.00	1.00	0.50	3.79	2.00	6.00	33.00	28.00	1.70	0.44	22.00	1.82	1000.00
TL13321	234.5	236.0	197314	2.00	6.96	27.00	576.00	1.00	0.50	2.50	2.00	7.00	45.00	19.00	1.57	0.14	26.00	1.28	555.00
TL13321	236.0	237.5	197316	0.50	6.65	17.00	536.00	1.00	0.50	2.53	2.00	7.00	30.00	5.00	1.37	0.21	26.00	1.25	587.00
TL13321	236.0	237.5	197315	0.50	6.77	23.00	561.00	1.00	0.50	2.59	2.00	7.00	34.00	5.00	1.40	0.20	25.00	1.25	597.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13321	187.5	189.0	197276	6.00	36.00	418.00	125.00	1.11	2.50	14.00	5.00	107.00	1366.00	1.00	29.00	24.00	2.00	1115.00
TL13321	187.5	189.0	197275	6.00	35.00	467.00	153.00	1.31	2.50	6.00	5.00	106.00	1480.00	15.00	31.00	16.00	3.00	680.00
TL13321	189.0	190.5	197277	7.00	44.00	476.00	55.00	0.85	2.50	2.50	5.00	96.00	1481.00	1.00	34.00	5.00	3.00	214.00
TL13321	190.5	192.0	197278	11.00	71.00	430.00	456.00	0.72	2.50	9.00	5.00	95.00	1307.00	2.00	30.00	5.00	3.00	527.00
TL13321	192.0	193.5	197279	10.00	75.00	447.00	140.00	0.53	2.50	8.00	5.00	91.00	1480.00	1.00	32.00	5.00	3.00	240.00
TL13321	193.5	195.0	197281	12.00	94.00	462.00	700.00	0.47	2.50	11.00	5.00	93.00	1495.00	1.00	33.00	21.00	3.00	1058.00
TL13321	195.0	196.5	197282	8.00	54.00	462.00	423.00	0.82	2.50	10.00	5.00	102.00	1622.00	1.00	32.00	5.00	2.00	468.00
TL13321	196.5	198.0	197283	7.00	47.00	433.00	50.00	0.59	2.50	7.00	5.00	84.00	1411.00	1.00	29.00	5.00	3.00	138.00
TL13321	198.0	199.5	197284	9.00	69.00	482.00	23.00	0.52	2.50	8.00	5.00	108.00	1586.00	6.00	34.00	5.00	3.00	90.00
TL13321	199.5	201.0	197285	7.00	47.00	447.00	24.00	0.40	2.50	13.00	5.00	101.00	1314.00	8.00	29.00	5.00	3.00	86.00
TL13321	201.0	202.5	197286	12.00	79.00	527.00	1131.00	0.88	2.50	9.00	5.00	136.00	1606.00	1.00	35.00	36.00	3.00	1721.00
TL13321	202.5	204.0	197287	10.00	72.00	509.00	151.00	0.54	2.50	18.00	5.00	115.00	1627.00	1.00	33.00	20.00	3.00	539.00
TL13321	204.0	205.5	197288	10.00	70.00	487.00	146.00	0.66	2.50	11.00	5.00	97.00	1630.00	1.00	34.00	15.00	3.00	282.00
TL13321	205.5	207.0	197289	9.00	58.00	459.00	28.00	0.47	2.50	8.00	5.00	88.00	1502.00	1.00	32.00	5.00	3.00	82.00
TL13321	207.0	208.5	197291	8.00	58.00	459.00	160.00	1.10	2.50	5.00	5.00	91.00	1524.00	1.00	32.00	5.00	3.00	176.00
TL13321	208.5	210.0	197292	9.00	73.00	449.00	1094.00	1.59	2.50	2.50	5.00	139.00	1291.00	17.00	30.00	13.00	3.00	442.00
TL13321	210.0	211.5	197293	8.00	57.00	278.00	59.00	0.93	2.50	8.00	5.00	82.00	1116.00	3.00	22.00	5.00	2.00	304.00
TL13321	211.5	213.0	197294	10.00	73.00	302.00	42.00	0.52	2.50	12.00	5.00	90.00	1270.00	3.00	25.00	5.00	2.00	65.00
TL13321	213.0	214.0	197296	9.00	67.00	299.00	89.00	0.56	2.50	9.00	5.00	83.00	1272.00	1.00	23.00	5.00	2.00	94.00
TL13321	213.0	214.0	197295	7.00	56.00	294.00	106.00	0.59	2.50	14.00	5.00	81.00	1228.00	1.00	22.00	5.00	2.00	84.00
TL13321	214.0	215.5	197297	8.00	66.00	299.00	64.00	0.83	2.50	13.00	5.00	68.00	1298.00	1.00	24.00	5.00	2.00	137.00
TL13321	215.5	217.0	197298	7.00	56.00	306.00	198.00	1.26	2.50	13.00	5.00	74.00	1276.00	1.00	23.00	14.00	2.00	685.00
TL13321	217.0	218.5	197299	8.00	58.00	276.00	96.00	0.80	2.50	16.00	5.00	74.00	1189.00	1.00	21.00	5.00	1.00	109.00
TL13321	218.5	219.5	197301	13.00	95.00	355.00	24.00	0.71	2.50	9.00	5.00	79.00	1507.00	1.00	28.00	5.00	2.00	54.00
TL13321	219.5	220.8	197302	10.00	84.00	326.00	37.00	0.57	2.50	21.00	5.00	97.00	1335.00	4.00	26.00	5.00	2.00	71.00
TL13321	220.8	222.0	197303	15.00	89.00	277.00	197.00	0.53	2.50	10.00	5.00	122.00	1163.00	5.00	22.00	5.00	2.00	244.00
TL13321	222.0	223.0	197304	14.00	104.00	464.00	181.00	1.14	2.50	15.00	5.00	126.00	1493.00	2.00	27.00	38.00	2.00	1778.00
TL13321	223.0	224.5	197305	9.00	68.00	319.00	53.00	0.51	2.50	13.00	5.00	126.00	1282.00	3.00	25.00	5.00	2.00	180.00
TL13321	224.5	226.0	197306	7.00	60.00	393.00	28.00	0.54	5.00	13.00	5.00	163.00	1571.00	1.00	28.00	5.00	3.00	182.00
TL13321	226.0	227.5	197307	7.00	54.00	326.00	41.00	0.59	2.50	12.00	5.00	126.00	1421.00	1.00	24.00	5.00	2.00	83.00
TL13321	227.5	228.5	197308	15.00	57.00	271.00	2395.00	2.01	5.00	12.00	5.00	187.00	1185.00	2.00	23.00	81.00	2.00	4618.00
TL13321	228.5	230.0	197309	7.00	53.00	303.00	36.00	0.72	2.50	19.00	5.00	144.00	1217.00	6.00	23.00	5.00	2.00	69.00
TL13321	230.0	231.5	197311	4.00	28.00	318.00	56.00	0.77	2.50	11.00	5.00	134.00	1293.00	4.00	27.00	5.00	2.00	75.00
TL13321	231.5	233.0	197312	4.00	22.00	285.00	176.00	0.66	2.50	2.50	5.00	139.00	1104.00	21.00	21.00	5.00	2.00	390.00
TL13321	233.0	234.5	197313	7.00	40.00	329.00	263.00	0.59	2.50	5.00	5.00	113.00	1410.00	11.00	26.00	5.00	2.00	304.00
TL13321	234.5	236.0	197314	8.00	61.00	346.00	99.00	0.66	2.50	9.00	5.00	89.00	1508.00	7.00	27.00	5.00	2.00	263.00
TL13321	236.0	237.5	197316	5.00	34.00	327.00	39.00	0.57	2.50	6.00	5.00	85.00	1435.00	2.00	25.00	5.00	2.00	156.00
TL13321	236.0	237.5	197315	6.00	41.00	324.00	41.00	0.57	2.50	17.00	5.00	86.00	1524.00	3.00	26.00	5.00	2.00	123.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13321	237.5	238.5	197317	0.50	6.90	26.00	540.00	1.00	0.50	2.38	2.00	7.00	33.00	14.00	1.35	0.32	27.00	1.21	603.00
TL13321	238.5	239.6	197318	0.50	5.95	24.00	623.00	1.00	0.50	2.17	2.00	6.00	23.00	21.00	1.20	0.67	21.00	1.05	512.00
TL13321	239.6	241.1	197319	3.00	6.11	25.00	614.00	1.00	0.50	1.58	2.00	6.00	29.00	54.00	1.27	0.47	24.00	0.76	323.00
TL13321	241.1	242.6	197321	0.50	3.93	21.00	429.00	1.00	0.50	1.58	2.00	5.00	22.00	36.00	1.11	0.42	21.00	0.98	392.00
TL13321	242.6	243.6	197322	12.00	3.46	15.00	343.00	1.00	0.50	1.89	9.00	5.00	30.00	203.00	1.15	0.30	10.00	0.65	264.00
TL13321	243.6	245.0	197323	1.00	6.85	14.00	736.00	1.00	0.50	2.49	2.00	7.00	25.00	69.00	1.34	0.60	26.00	1.21	465.00
TL13321	245.0	246.0	197324	3.00	7.27	15.00	675.00	1.00	0.50	2.48	2.00	6.00	20.00	18.00	1.23	0.26	26.00	1.16	503.00
TL13321	246.0	247.0	197325	4.00	4.48	19.00	443.00	1.00	0.50	1.16	2.00	5.00	18.00	42.00	1.18	0.10	15.00	0.66	270.00
TL13321	247.0	248.0	197326	0.50	4.86	24.00	469.00	1.00	0.50	1.27	2.00	6.00	21.00	22.00	1.11	0.09	18.00	0.83	335.00
TL13321	248.0	249.5	197327	0.50	5.98	19.00	531.00	1.00	0.50	1.79	2.00	6.00	18.00	21.00	1.32	0.39	20.00	1.28	435.00
TL13321	249.5	251.0	197328	0.50	5.11	16.00	513.00	1.00	0.50	1.46	2.00	7.00	20.00	27.00	1.24	0.20	16.00	1.19	340.00
TL13321	251.0	252.5	197329	0.50	5.18	4.00	505.00	1.00	0.50	1.87	2.00	5.00	18.00	11.00	1.23	0.10	15.00	1.20	288.00
TL13321	252.5	254.0	197331	0.50	5.71	11.00	556.00	1.00	0.50	1.76	2.00	6.00	22.00	20.00	1.36	0.37	17.00	1.02	264.00
TL13321	254.0	255.5	197332	0.50	5.92	8.00	514.00	1.00	0.50	1.46	2.00	6.00	15.00	21.00	1.22	0.36	16.00	1.08	269.00
TL13321	255.5	257.0	197333	0.50	5.43	27.00	463.00	1.00	0.50	1.83	2.00	8.00	36.00	5.00	1.26	0.33	15.00	1.06	287.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13321	237.5	238.5	197317	6.00	43.00	341.00	43.00	0.50	2.50	18.00	5.00	80.00	1534.00	1.00	27.00	10.00	2.00	121.00
TL13321	238.5	239.6	197318	4.00	25.00	291.00	67.00	0.63	2.50	18.00	5.00	83.00	1231.00	1.00	21.00	5.00	2.00	151.00
TL13321	239.6	241.1	197319	5.00	32.00	305.00	145.00	0.94	2.50	13.00	5.00	73.00	1323.00	1.00	24.00	12.00	2.00	405.00
TL13321	241.1	242.6	197321	4.00	29.00	277.00	183.00	0.64	2.50	7.00	5.00	65.00	1122.00	5.00	19.00	5.00	2.00	285.00
TL13321	242.6	243.6	197322	5.00	35.00	247.00	1723.00	1.02	2.50	8.00	5.00	59.00	984.00	1.00	16.00	61.00	2.00	3178.00
TL13321	243.6	245.0	197323	4.00	28.00	320.00	168.00	0.64	2.50	12.00	5.00	98.00	1440.00	1.00	25.00	5.00	2.00	354.00
TL13321	245.0	246.0	197324	4.00	19.00	338.00	380.00	0.59	2.50	19.00	5.00	97.00	1495.00	1.00	25.00	5.00	2.00	196.00
TL13321	246.0	247.0	197325	3.00	22.00	289.00	570.00	1.05	6.00	12.00	5.00	55.00	1156.00	1.00	20.00	22.00	2.00	969.00
TL13321	247.0	248.0	197326	3.00	21.00	338.00	66.00	0.72	2.50	10.00	5.00	54.00	1228.00	1.00	21.00	5.00	2.00	195.00
TL13321	248.0	249.5	197327	4.00	18.00	326.00	40.00	0.59	2.50	6.00	5.00	75.00	1198.00	1.00	21.00	5.00	2.00	194.00
TL13321	249.5	251.0	197328	2.00	20.00	311.00	75.00	0.43	2.50	8.00	5.00	68.00	1160.00	1.00	20.00	10.00	2.00	342.00
TL13321	251.0	252.5	197329	3.00	17.00	297.00	42.00	0.27	2.50	9.00	5.00	85.00	1017.00	2.00	21.00	5.00	2.00	90.00
TL13321	252.5	254.0	197331	3.00	20.00	354.00	61.00	0.54	2.50	6.00	5.00	80.00	1042.00	1.00	22.00	5.00	2.00	120.00
TL13321	254.0	255.5	197332	5.00	16.00	316.00	34.00	0.32	2.50	19.00	5.00	77.00	1044.00	4.00	22.00	5.00	2.00	71.00
TL13321	255.5	257.0	197333	4.00	29.00	315.00	12.00	0.11	2.50	11.00	5.00	84.00	1036.00	1.00	27.00	5.00	3.00	50.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13321	6.0	24.2	18.2	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13321	6.0	24.2	18.2	PO	BLB	1	Trace to 1% po blebs
TL13321	24.2	43.0	18.8	PO	BLB	0.1	Trace po blebs occurring in qtz veins w/ py
TL13321	24.2	43.0	18.8	PY	DISS	1	1% disseminated py w/ local blebs and stringers
TL13321	43.0	56.0	13.1	PY	DISS	0.1	Trace disseminated py throughout
TL13321	56.0	83.9	27.9	PY	DISS	1	1% disseminated py
TL13321	82.3	83.9	1.6	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13321	82.3	83.9	1.6	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13321	83.9	114.8	31.0	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13321	83.9	114.8	31.0	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13321	83.9	114.8	31.0	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins
TL13321	83.9	114.8	31.0	PY	DISS	0.1	Trace disseminated pyrite
TL13321	114.8	131.1	16.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13321	114.8	131.1	16.3	SPH	ST	0.1	Trace sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13321	114.8	131.1	16.3	PY	DISS	0.1	Trace disseminated py
TL13321	114.8	131.1	16.3	PY	ST	0.1	Trace py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13321	131.1	169.4	38.3	PY	ST	0.1	Trace to 1% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13321	131.1	169.4	38.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13321	131.1	169.4	38.3	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13321	131.1	169.4	38.3	PY	DISS	0.1	Trace disseminated py
TL13321	169.4	173.9	4.5	PY	DISS	0.1	Trace disseminated py
TL13321	169.4	173.9	4.5	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13321	169.4	173.9	4.5	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13321	169.4	173.9	4.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13321	173.9	214.0	40.1	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-chl veins
TL13321	173.9	214.0	40.1	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13321	173.9	214.0	40.1	PY	DISS	0.1	Trace disseminated py
TL13321	173.9	214.0	40.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-chl veins
TL13321	176.0	189.0	13.0	PB	BLB	0.1	Trace to 1% gal blebs found in and around qtz-chl veins and associated w/ sph
TL13321	176.0	189.0	13.0	SPH	ST	1	1% sph in 1-4mm wide stringers and as blebs in and along margins of qtz-chl veins
TL13321	189.0	214.0	25.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13321	189.0	214.0	25.0	SPH	ST	0.1	Trace sph in narrow 1-2mm wide stringers oriented semi-parallel to foliation
TL13321	214.0	220.8	6.8	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13321	214.0	220.8	6.8	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation, found w/ py

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13321	214.0	220.8	6.8	PY	DISS	0.1	Trace to 1% disseminated py
TL13321	214.0	220.8	6.8	PB	BLB	0.1	Trace gal blebs found within sph stringers
TL13321	220.8	239.6	18.8	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13321	220.8	239.6	18.8	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL13321	220.8	239.6	18.8	PO	BLB	1	1% po blebs found in and along the margins of qtz/qtz-chl veins
TL13321	220.8	239.6	18.8	CP	BLB	0.1	Trace to 1% cpy blebs found rimming qtz veins
TL13321	220.8	239.6	18.8	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers and rimming qtz/qtz-chl veins
TL13321	220.8	239.6	18.8	PY	DISS	1	1% disseminated py
TL13321	227.8	227.9	0.1	AU	BLB	0.1	3mm wide possible speck of VG at 227.87m depth found along margin of qtz vein w/ cpy, po, py, sph, and gal
TL13321	239.6	248.1	8.5	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13321	239.6	248.1	8.5	PY	DISS	1	1% disseminated py
TL13321	239.6	248.1	8.5	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation and found within qtz-chl veins
TL13321	239.6	248.1	8.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13321	239.6	248.1	8.5	PO	BLB	0.1	Trace po blebs found in qtz-amph veins
TL13321	248.1	300.0	51.9	PY	DISS	0.1	Trace disseminated py
TL13321	291.0	291.5	0.5	ASP	BLB	0.1	Trace ass blebs found along foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13321	6.0	9.0	3.0	FR	Strong		Increased fracturing near top of hole, mostly mechanical breaks
TL13321	6.0	24.2	18.2	FOL	Moderate	25	
TL13321	9.0	24.2	15.2	FR	Weak	55	Fracture set 40-70 deg TCA, minor marginal alt, some infilled with qz-carb
TL13321	24.2	43.0	18.8	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	43.0	56.0	13.1	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	43.0	56.0	13.1	FR	Very Weak	25	V. weak fracture set oriented along foliation
TL13321	56.0	57.0	1.0	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	57.0	66.0	9.0	FOL	Strong	15	Strong foliation at 15 deg TCA
TL13321	66.0	83.9	17.9	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	83.9	114.8	31.0	FR	Very Weak	65	V. weak fracture set cross cutting foliation at 65 deg TCA
TL13321	83.9	114.8	31.0	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	114.8	131.1	16.3	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	114.8	131.1	16.3	FR	Very Weak	65	V. weak fracture set cross cutting foliation at 65 deg TCA
TL13321	131.1	141.3	10.2	FOL	Moderate	25	Moderate foliation at 25 deg TCA
TL13321	141.3	142.5	1.2	FOL	Strong	40	Strong foliation at 40 deg TCA
TL13321	142.5	169.4	26.9	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	169.4	173.9	4.5	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	169.4	173.9	4.5	FR	Very Weak	0	V. weak fracture set at 0 deg TCA
TL13321	173.9	184.6	10.7	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13321	173.9	214.0	40.1	FR	Weak	90	Weak fracture set oriented at 90 deg TCA
TL13321	184.6	214.0	29.5	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	214.0	220.8	6.8	FOL	Strong	25	Strong foliation at 25 deg TCA
TL13321	220.8	239.6	18.8	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13321	220.8	239.6	18.8	FR	Very Weak	80	V. weak fracture set cross cutting foliation at 80 deg TCA
TL13321	239.6	248.1	8.5	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13321	239.6	248.1	8.5	FR	Very Weak	10	V. weak fracture set cross cutting foliation at 10 deg TCA offsetting foliation by 3cm
TL13321	239.6	248.1	8.5	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA displacing foliation by 1cm
TL13321	248.1	259.9	11.8	FOL	Strong	30	Strong foliation at 30 deg TCA
TL13321	248.1	300.0	51.9	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13321	248.1	300.0	51.9	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13321	259.9	274.3	14.4	FOL	Very Weak	30	V. weak foliation at 30 deg TCA
TL13321	274.3	284.5	10.2	FOL	Weak	30	Weak to moderate foliation at 30 deg TCA
TL13321	284.5	300.0	15.5	FOL	Moderate	35	Moderate foliation at 35 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13321	6.0	9.0	3.0	CH	Fract-Cont	Moderate	Moderate, pervasive chl alteration, at top of hole where there is increased fracturing
TL13321	6.0	24.2	18.2	SI	Pervasive	Weak	Weak silicification
TL13321	6.0	24.2	18.2	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13321	24.2	43.0	18.8	SR	Patchy	Moderate	Moderate patchy ser alt, 55% ser to 45% bio
TL13321	24.2	43.0	18.8	SI	Patchy	Strong	Strong patchy sil alt throughout
TL13321	43.0	56.0	13.1	SI	Patchy	Strong	Strong patchy sil alt
TL13321	43.0	56.0	13.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13321	56.0	83.9	27.9	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL13321	56.0	83.9	27.9	SI	Patchy	Moderate	Moderate patchy sil alt
TL13321	83.9	95.0	11.2	SR	Patchy	Very Weak	V. weak patchy ser alt, at start of unit, 5-10% ser to 90-95% bio
TL13321	83.9	114.8	31.0	SI	Patchy	Strong	Strong patchy sil alt
TL13321	95.0	114.8	19.8	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13321	104.0	108.0	4.0	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13321	114.8	131.1	16.3	SR	Patchy	Strong	Strong patchy ser alt, 65% ser to 35% bio
TL13321	114.8	131.1	16.3	SI	Pervasive	Strong	Strong pervasive sil alt
TL13321	131.1	138.0	6.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13321	131.1	169.4	38.3	SI	Patchy	Strong	Strong patchy sil alt
TL13321	138.0	156.0	18.0	SR	Patchy	Weak	Weak patchy ser alt, 35% ser to 65% bio
TL13321	156.0	169.4	13.4	SR	Patchy	Very Weak	V. weak patchy ser alt, ~2% ser to 98% bio
TL13321	169.4	173.9	4.5	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL13321	169.4	173.9	4.5	SI	Patchy	Strong	Strong patchy sil alt
TL13321	173.9	214.0	40.1	SR	Patchy	Very Weak	V. weak to weak patchy ser alt, 20% ser to 80% bio
TL13321	173.9	214.0	40.1	SI	Patchy	Very Strong	Strong to very strong patchy to semi-pervasive sil alt
TL13321	214.0	220.8	6.8	SI	Patchy	Weak	Weak to very weak patchy sil alt
TL13321	214.0	220.8	6.8	SR	Patchy	Moderate	Moderate patchy ser alt, 55% ser to 45% bio
TL13321	220.8	239.6	18.8	SR	Patchy	Very Weak	V. weak patchy to semi-pervasive ser alt, 15% ser to 85% bio
TL13321	220.8	239.6	18.8	SI	Patchy	Strong	Strong patchy sil alt
TL13321	239.6	248.1	8.5	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL13321	239.6	248.1	8.5	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13321	239.6	248.1	8.5	SI	Patchy	Moderate	Moderate to strong patchy sil alt
TL13321	248.1	258.0	9.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13321	248.1	259.9	11.7	SI	Patchy	Moderate	Moderate patchy sil alt
TL13321	258.0	300.0	42.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13321	259.9	282.2	22.4	SI	Pervasive	Strong	Strong pervasive sil alt
TL13321	282.2	287.1	4.9	SI	Patchy	Weak	Weak patchy sil alt
TL13321	287.1	300.0	12.9	SI	Pervasive	Very Strong	V. strong pervasive sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13321	9	12	3	3.02	2.79	100.67	93	26	
TL13321	12	15	3	3.03	1.78	101	59.33	19	
TL13321	15	18	3	2.98	1.85	99.33	61.67	18	
TL13321	18	21	3	3.01	0.88	100.33	29.33	36	
TL13321	21	24	3	2.99	2.37	99.67	79	11	
TL13321	24	27	3	2.98	2.74	99.33	91.33	4	
TL13321	27	30	3	2.93	2.75	97.67	91.67	5	
TL13321	30	33	3	3.02	2.19	100.67	73	12	
TL13321	33	36	3	3.02	2.81	100.67	93.67	6	
TL13321	36	39	3	2.98	2.98	99.33	99.33	2	
TL13321	39	42	3	2.95	2.09	98.33	69.67	15	
TL13321	42	45	3	3.02	2.66	100.67	88.67	7	
TL13321	45	48	3	2.98	2.5	99.33	83.33	11	
TL13321	48	51	3	3.05	1.74	101.67	58	19	
TL13321	51	54	3	2.97	2.57	99	85.67	8	
TL13321	54	57	3	3	2.95	100	98.33	3	
TL13321	57	60	3	2.99	2.99	99.67	99.67	4	
TL13321	60	63	3	2.99	2.89	99.67	96.33	6	
TL13321	63	66	3	2.98	2.79	99.33	93	5	
TL13321	66	69	3	3.04	2.69	101.33	89.67	7	
TL13321	69	72	3	2.95	2.76	98.33	92	6	
TL13321	72	75	3	2.95	2.71	98.33	90.33	6	
TL13321	75	78	3	2.99	2.88	99.67	96	6	
TL13321	78	81	3	3.04	2.68	101.33	89.33	9	
TL13321	81	84	3	2.84	2.17	94.67	72.33	13	
TL13321	84	87	3	3.07	3.07	102.33	102.33	7	
TL13321	87	90	3	3.03	2.93	101	97.67	4	
TL13321	90	93	3	3.02	2.93	100.67	97.67	5	
TL13321	93	96	3	2.92	2.7	97.33	90	5	
TL13321	96	99	3	3.01	2.78	100.33	92.67	10	
TL13321	99	102	3	2.99	2.68	99.67	89.33	6	
TL13321	102	105	3	2.97	2.49	99	83	10	
TL13321	105	108	3	3.1	2.92	103.33	97.33	8	
TL13321	108	111	3	2.93	2.86	97.67	95.33	5	
TL13321	111	114	3	2.99	2.88	99.67	96	4	
TL13321	114	117	3	2.91	2.76	97	92	9	
TL13321	117	120	3	3	3	100	100	4	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13321	120	123	3	3.02	2.93	100.67	97.67	6	
TL13321	123	126	3	3.01	2.89	100.33	96.33	10	
TL13321	126	129	3	3.04	3.04	101.33	101.33	5	
TL13321	129	132	3	2.96	2.61	98.67	87	7	
TL13321	132	135	3	3	2.74	100	91.33	10	
TL13321	135	138	3	2.97	2.82	99	94	7	
TL13321	138	141	3	2.98	2.72	99.33	90.67	10	
TL13321	141	144	3	2.97	2.65	99	88.33	9	
TL13321	144	147	3	2.97	2.6	99	86.67	5	
TL13321	147	150	3	3.01	2.93	100.33	97.67	10	
TL13321	150	153	3	2.9	2.51	96.67	83.67	13	
TL13321	153	156	3	2.92	2.25	97.33	75	14	
TL13321	156	159	3	3.12	2.84	104	94.67	8	
TL13321	159	162	3	3	2.78	100	92.67	8	
TL13321	162	165	3	2.99	2.69	99.67	89.67	12	
TL13321	165	168	3	2.97	2.97	99	99	7	
TL13321	168	171	3	3.02	1.94	100.67	64.67	19	
TL13321	171	174	3	3.01	1.22	100.33	40.67	12	
TL13321	174	177	3	3.02	2.39	100.67	79.67	10	
TL13321	177	180	3	2.96	2.83	98.67	94.33	9	
TL13321	180	183	3	3.01	2.94	100.33	98	7	
TL13321	183	186	3	2.99	2.71	99.67	90.33	7	
TL13321	186	189	3	2.97	2.63	99	87.67	11	
TL13321	189	192	3	3.02	2.8	100.67	93.33	5	
TL13321	192	195	3	2.98	2.67	99.33	89	11	
TL13321	195	198	3	2.89	2.73	96.33	91	4	
TL13321	198	201	3	3.02	2.95	100.67	98.33	3	
TL13321	201	204	3	3.08	2.74	102.67	91.33	11	
TL13321	204	207	3	2.99	2.88	99.67	96	7	
TL13321	207	210	3	2.98	2.87	99.33	95.67	6	
TL13321	210	213	3	2.99	2.58	99.67	86	10	
TL13321	213	216	3	3.03	2.88	101	96	8	
TL13321	216	219	3	2.96	2.78	98.67	92.67	4	
TL13321	219	222	3	2.98	2.72	99.33	90.67	10	
TL13321	222	225	3	3.1	2.99	103.33	99.67	4	
TL13321	225	228	3	3.01	2.53	100.33	84.33	7	
TL13321	228	231	3	2.93	2.41	97.67	80.33	12	
TL13321	231	234	3	3.02	3.02	100.67	100.67	5	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13321	234	237	3	2.98	2.98	99.33	99.33	5	
TL13321	237	240	3	2.98	2.74	99.33	91.33	10	
TL13321	240	243	3	2.89	2.55	96.33	85	13	
TL13321	243	246	3	2.88	2.67	96	89	8	
TL13321	246	249	3	2.98	2.28	99.33	76	16	
TL13321	249	252	3	2.97	2.84	99	94.67	6	
TL13321	252	255	3	2.93	2.41	97.67	80.33	11	
TL13321	255	258	3	3.04	2.01	101.33	67	20	
TL13321	258	261	3	2.83	2.44	94.33	81.33	8	
TL13321	261	264	3	3.12	2.92	104	97.33	8	
TL13321	264	267	3	2.98	1.81	99.33	60.33	20	
TL13321	267	270	3	2.97	2.49	99	83	9	
TL13321	270	273	3	3	2.83	100	94.33	7	
TL13321	273	276	3	3.02	2.86	100.67	95.33	7	
TL13321	276	279	3	2.88	2.73	96	91	8	
TL13321	279	282	3	3	2.71	100	90.33	9	
TL13321	282	285	3	3	2.82	100	94	6	
TL13321	285	288	3	3.02	1.45	100.67	48.33	23	
TL13321	288	291	3	2.92	2.13	97.33	71	14	
TL13321	291	294	3	3.02	2.19	100.67	73	17	
TL13321	294	297	3	2.94	2.02	98	67.33	13	
TL13321	297	300	3	2.93	2.32	97.67	77.33	12	

Hole Number: TL13322

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5511961.26	North:	Collar Az: 359.00
Location: Zealand Township	East: 527881.07	East:	Length: 162.00
	Elev: 395.80	Elev:	Start Depth: 0.00
Date Started: Feb 15, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 16, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 162.00

Comments: Logged by Brian Wolfe

Claim #1106347

MSS Possible hanging wall from 33.75m-38.30m

This MSS unit has moderate patchy sericitic alteration and strong to very strong patchy silicification. This zone is weak and very patchy throughout. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite stringers, trace galena blebs and trace pyrrhotite blebs.

Main Zone or possible B-Zone from 72.00m-74.00m

This B-Zone MSS has very strong patchy sericitic alteration and strong to very strong pervasive silicification. This unit is narrow but well mineralized with 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers and trace galena blebs.

MSS C-Zone from 82.30m-105.25m

This C-Zone MSS is weak and very patchy throughout. This unit has moderate to very weak patchy sericitic alteration and strong to very strong pervasive silicification. This unit is moderately mineralized with 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	356.50	-45.60	EZ Sho	OK		18.00	356.40	-45.50	EZ Sho	OK	
24.00	356.00	-45.20	EZ Sho	OK		54.00	355.80	-44.80	EZ Sho	OK	
102.00	355.70	-44.40	EZ Sho	OK		150.00	355.60	-43.10	EZ Sho	OK	
162.00	354.90	-42.60	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	8.56	OB, Overburden	1328864	8.50	9.50	1.00	0.03				
8.56	33.75	BMS, Biotite Muscovite Schist	1328865	9.50	10.50	1.00	0.04				
		This BMS unit has very weak patchy sericitic alteration and strong to very strong pervasive silicification. this unit is poorly mineralized with 1% disseminated pyrite, trace to 1% pyrite in stringer, trace pyrrhotite blebs and trace chalcopyrite blebs.	1328866	10.50	11.50	1.00	0.03				
			1328867	11.50	13.00	1.50	0.01				
			1328868	19.50	21.00	1.50	0.02				
			1328869	21.00	22.00	1.00	0.01				
			1328871	22.00	23.00	1.00	0.05				
			1328872	23.00	24.00	1.00	0.01				
			1328873	32.25	33.75	1.50	0.01				

Hole Number: TL13322

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
33.75	38.30	MSS, Muscovite Sericite Schist MSS Possible hanging wall from 33.75m-38.30m This MSS unit has moderate patchy sericitic alteration and strong to very strong patchy silicification. This zone is weak and very patchy throughout. This unit contains 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite stringers, trace galena blebs and trace pyrrhotite blebs.	1328874	33.75	35.00	1.25	0.02				
			1328876	35.00	36.30	1.30	0.02				
			1328875	35.00	36.30	1.30	0.02				
			1328877	36.30	37.30	1.00	0.01				
			1328878	37.30	38.30	1.00	0.02				
38.30	72.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration with a 1.6m wide patch of very strong sericitic alteration. This unit also has strong to very strong patchy to semi-pervasive silicification. This unit is moderately mineralized with 1% pyrite in stringers, trace to 1% disseminated pyrite, trace sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite blebs.	1328879	38.30	39.80	1.50	0.01				
			1328881	39.80	40.90	1.10	0.01				
			1328882	40.90	42.00	1.10	0.01				
			1328883	42.00	43.50	1.50	0.01				
			1328884	43.50	45.00	1.50	0.04				
			1328885	45.00	46.50	1.50	0.01				
			1328886	46.50	48.00	1.50	0.04				
			1328887	48.00	49.50	1.50	0.09				
			1328888	49.50	51.00	1.50	0.08				
			1328889	51.00	52.50	1.50	0.03				
			1328891	52.50	54.00	1.50	0.12				
			1328892	54.00	55.50	1.50	0.07				
			1328893	55.50	57.00	1.50	0.46				
			1328894	57.00	58.50	1.50	0.02				
			1328896	58.50	60.00	1.50	0.01				
			1328895	58.50	60.00	1.50	0.04				
			1328897	60.00	61.00	1.00	0.05				
			1328898	61.00	62.00	1.00	0.04				
			1328899	62.00	63.00	1.00	0.33				
			1328901	63.00	64.50	1.50	0.05				
			1328902	64.50	66.00	1.50	0.11				
			1328903	66.00	67.50	1.50	0.13				
			1328904	67.50	69.00	1.50	0.20				
			1328905	69.00	70.50	1.50	0.17				
			1328906	70.50	72.00	1.50	0.27				
72.00	74.00	MSS, Muscovite Sericite Schist Main Zone or possible B-Zone from 72.00m-74.00m This B-Zone MSS has very strong patchy sericitic alteration and strong to very strong pervasive silicification. This unit is narrow but well mineralized with 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers and trace galena blebs.	1328907	72.00	73.00	1.00	0.77				
			1328908	73.00	74.00	1.00	2.06				
74.00	82.30	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and very strong pervasive silicification. This unit is very poorly mineralized with only trace amounts of disseminated pyrite and trace amounts of pyrite in stringers.	1328909	74.00	75.00	1.00	0.04				
			1328911	75.00	76.50	1.50	0.05				
			1328912	76.50	78.00	1.50	0.11				
			1328913	78.00	79.50	1.50	0.11				
			1328914	79.50	81.00	1.50	0.18				
			1328915	81.00	82.30	1.30	0.09				
			1328916	81.00	82.30	1.30	0.04				

DETAILED LOG

Hole Number: TL13322

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
82.30	105.25	MSS, Muscovite Sericite Schist	1328917	82.30	83.30	1.00	0.21				
		MSS C-Zone from 82.30m-105.25m	1328918	83.30	84.30	1.00	0.07				
		This C-Zone MSS is weak and very patchy throughout. This unit has moderate to very weak patchy sericitic alteration and strong to very strong pervasive silicification. This unit is moderately mineralized with 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.	1328919	84.30	85.30	1.00	1.08				
			1328921	85.30	86.40	1.10	3.21				
			1328922	86.40	87.40	1.00	0.16				
			1328923	87.40	88.50	1.10	0.06				
			1328924	88.50	89.60	1.10	0.55				
			1328925	89.60	91.00	1.40	0.04				
			1328926	91.00	92.00	1.00	0.04				
			1328927	92.00	93.00	1.00	0.04				
			1328928	93.00	94.00	1.00	0.01				
			1328929	94.00	95.00	1.00	0.24				
			1328931	95.00	96.00	1.00	0.56				
			1328932	96.00	97.00	1.00	1.75				
			1328933	97.00	98.00	1.00	1.13				
			1328934	98.00	99.00	1.00	0.30				
			1328935	99.00	99.50	0.50	7.12				
			1328936	99.50	101.00	1.50	0.15				
			1328937	99.50	101.00	1.50	0.08				
			1328938	101.00	102.00	1.00	0.05				
			1328939	102.00	103.00	1.00	0.04				
			1328941	103.00	104.00	1.00	1.61				
			1328942	104.00	105.25	1.25	0.17				

Hole Number: TL13322

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
105.25	162.00	BMS, Biotite Muscovite Schist	1328943	105.25	106.75	1.50	0.22				
		This BMS unit has very weak patchy sericitic alteration, strong to very strong pervasive silicification and moderate patchy chloritic alteration. This unit has several well mineralized intervals occurring between 114m-115m and 138m-146m where there is concentrations of pyrite, sphalerite and galena.	1328944	106.75	108.00	1.25	0.12				
			1328945	108.00	109.50	1.50	0.21				
			1328946	109.50	111.00	1.50	0.17				
			1328947	111.00	112.00	1.00	0.05				
			1328948	112.00	113.00	1.00	0.46				
			1328949	113.00	114.00	1.00	1.12				
			1328951	114.00	115.00	1.00	0.55				
			1328952	115.00	116.00	1.00	0.08				
			1328953	116.00	117.00	1.00	0.03				
			1328954	117.00	118.50	1.50	0.01				
			1328955	118.50	120.00	1.50	0.05				
			1328956	118.50	120.00	1.50	0.03				
			1328957	136.75	138.25	1.50	0.03				
			1328958	138.25	139.25	1.00	0.39				
			1328959	139.25	140.25	1.00	0.16				
			1328961	140.25	141.25	1.00	0.13				
		1328962	141.25	142.75	1.50	0.19					
		1328963	142.75	143.75	1.00	0.93					
		1328964	143.75	144.75	1.00	0.24					
		1328965	144.75	145.75	1.00	2.03					
		1328966	145.75	147.25	1.50	0.15					

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328864	8.50	9.50	0.0300				
1328865	9.50	10.50	0.0400				
1328866	10.50	11.50	0.0300				
1328867	11.50	13.00	0.0100				
1328868	19.50	21.00	0.0200				
1328869	21.00	22.00	0.0100				
1328871	22.00	23.00	0.0500				
1328872	23.00	24.00	0.0100				
1328873	32.25	33.75	0.0100				
1328874	33.75	35.00	0.0200				
1328875	35.00	36.30	0.0200				
1328877	36.30	37.30	0.0100				
1328878	37.30	38.30	0.0200				
1328879	38.30	39.80	0.0100				
1328881	39.80	40.90	0.0100				

Hole Number: TL13322

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328882	40.90	42.00	0.0100				
1328883	42.00	43.50	0.0100				
1328884	43.50	45.00	0.0400				
1328885	45.00	46.50	0.0100				
1328886	46.50	48.00	0.0400				
1328887	48.00	49.50	0.0900				
1328888	49.50	51.00	0.0800				
1328889	51.00	52.50	0.0300				
1328891	52.50	54.00	0.1200				
1328892	54.00	55.50	0.0700				
1328893	55.50	57.00	0.4600				
1328894	57.00	58.50	0.0200				
1328895	58.50	60.00	0.0400				
1328897	60.00	61.00	0.0500				
1328898	61.00	62.00	0.0400				
1328899	62.00	63.00	0.3300				
1328901	63.00	64.50	0.0500				
1328902	64.50	66.00	0.1100				
1328903	66.00	67.50	0.1300				
1328904	67.50	69.00	0.2000				
1328905	69.00	70.50	0.1700				
1328906	70.50	72.00	0.2700				
1328907	72.00	73.00	0.7700				
1328908	73.00	74.00	2.0600				
1328909	74.00	75.00	0.0400				
1328911	75.00	76.50	0.0500				
1328912	76.50	78.00	0.1100				
1328913	78.00	79.50	0.1100				
1328914	79.50	81.00	0.1800				
1328915	81.00	82.30	0.0900				
1328917	82.30	83.30	0.2100				
1328918	83.30	84.30	0.0700				
1328919	84.30	85.30	1.0800				
1328921	85.30	86.40	3.2100				
1328922	86.40	87.40	0.1600				
1328923	87.40	88.50	0.0600				
1328924	88.50	89.60	0.5500				
1328925	89.60	91.00	0.0400				
1328926	91.00	92.00	0.0400				

Hole Number: TL13322

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328927	92.00	93.00	0.0400				
1328928	93.00	94.00	0.0100				
1328929	94.00	95.00	0.2400				
1328931	95.00	96.00	0.5600				
1328932	96.00	97.00	1.7500				
1328933	97.00	98.00	1.1300				
1328934	98.00	99.00	0.3000				
1328935	99.00	99.50	7.1200				
1328936	99.50	101.00	0.1500				
1328938	101.00	102.00	0.0500				
1328939	102.00	103.00	0.0400				
1328941	103.00	104.00	1.6100				
1328942	104.00	105.25	0.1700				
1328943	105.25	106.75	0.2200				
1328944	106.75	108.00	0.1200				
1328945	108.00	109.50	0.2100				
1328946	109.50	111.00	0.1700				
1328947	111.00	112.00	0.0500				
1328948	112.00	113.00	0.4600				
1328949	113.00	114.00	1.1200				
1328951	114.00	115.00	0.5500				
1328952	115.00	116.00	0.0800				
1328953	116.00	117.00	0.0300				
1328954	117.00	118.50	0.0100				
1328955	118.50	120.00	0.0500				
1328957	136.75	138.25	0.0300				
1328958	138.25	139.25	0.3900				
1328959	139.25	140.25	0.1600				
1328961	140.25	141.25	0.1300				
1328962	141.25	142.75	0.1900				
1328963	142.75	143.75	0.9300				
1328964	143.75	144.75	0.2400				
1328965	144.75	145.75	2.0300				
1328966	145.75	147.25	0.1500				
Sample Type	CDUP						
1328876	35.00	36.30	0.0200				
1328896	58.50	60.00	0.0100				
1328916	81.00	82.30	0.0400				
1328937	99.50	101.00	0.0800				

Hole Number: TL13322

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type CDUP							
1328956	118.50	120.00	0.0300				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13322	8.5	9.5	1328864	0.50	7.84	8.00	430.00	1.30	2.00	1.62	0.50	3.00	8.00	8.00	1.19	3.30		0.93	550.00
TL13322	9.5	10.5	1328865	0.50	7.41	11.00	420.00	1.30	2.00	1.39	0.60	3.00	8.00	7.00	1.08	3.17		0.88	639.00
TL13322	10.5	11.5	1328866	0.50	7.99	15.00	440.00	1.30	2.00	1.66	0.50	4.00	9.00	5.00	1.32	3.26		0.88	528.00
TL13322	11.5	13.0	1328867	0.50	7.73	8.00	430.00	1.30	2.00	2.40	0.50	3.00	8.00	3.00	1.53	3.15		1.09	562.00
TL13322	19.5	21.0	1328868	0.50	7.64	13.00	330.00	1.10	2.00	2.09	0.50	3.00	8.00	3.00	1.63	3.09		1.19	1040.00
TL13322	21.0	22.0	1328869	1.50	7.42	9.00	340.00	1.20	2.00	1.44	0.50	3.00	10.00	20.00	1.71	3.13		0.91	606.00
TL13322	22.0	23.0	1328871	0.50	7.60	28.00	350.00	1.30	2.00	0.74	0.50	4.00	7.00	3.00	1.42	3.58		0.56	370.00
TL13322	23.0	24.0	1328872	1.30	8.07	8.00	270.00	1.20	2.00	2.46	0.50	3.00	8.00	3.00	1.78	3.16		1.48	920.00
TL13322	32.3	33.8	1328873	0.90	8.36	22.00	540.00	1.00	2.00	2.63	0.50	6.00	8.00	95.00	1.93	3.70		1.34	552.00
TL13322	33.8	35.0	1328874	0.80	7.93	26.00	630.00	1.10	2.00	1.62	0.50	6.00	9.00	29.00	2.28	3.40		0.96	478.00
TL13322	35.0	36.3	1328875	1.10	7.58	39.00	810.00	1.40	2.00	2.21	1.30	9.00	7.00	21.00	3.03	3.11		1.33	763.00
TL13322	35.0	36.3	1328876	0.90	7.47	41.00	790.00	1.20	2.00	2.15	0.80	9.00	8.00	18.00	2.96	3.05		1.27	720.00
TL13322	36.3	37.3	1328877	1.00	7.43	28.00	690.00	1.30	2.00	1.31	1.10	8.00	8.00	10.00	2.27	3.26		0.82	496.00
TL13322	37.3	38.3	1328878	1.60	6.04	32.00	440.00	1.00	2.00	1.41	0.50	7.00	13.00	42.00	1.87	2.21		0.81	384.00
TL13322	38.3	39.8	1328879	0.50	8.06	16.00	680.00	1.20	2.00	2.30	0.50	7.00	8.00	40.00	1.87	3.16		1.14	483.00
TL13322	39.8	40.9	1328881	0.50	7.87	11.00	660.00	1.00	2.00	3.06	0.50	8.00	10.00	14.00	2.33	3.14		1.42	594.00
TL13322	40.9	42.0	1328882	0.50	7.84	5.00	630.00	1.00	2.00	2.96	0.50	6.00	8.00	7.00	1.93	3.18		1.21	438.00
TL13322	42.0	43.5	1328883	0.50	7.55	18.00	530.00	1.00	2.00	3.50	0.50	9.00	11.00	15.00	2.42	2.98		1.51	673.00
TL13322	43.5	45.0	1328884	0.50	7.29	31.00	480.00	1.20	2.00	2.44	0.80	15.00	75.00	29.00	2.97	2.76		1.25	684.00
TL13322	45.0	46.5	1328885	0.50	7.93	5.00	370.00	1.20	2.00	1.45	0.50	22.00	128.00	48.00	3.71	2.46		1.26	684.00
TL13322	46.5	48.0	1328886	0.50	7.51	14.00	410.00	1.60	2.00	2.22	0.50	15.00	90.00	35.00	3.09	2.61		1.34	684.00
TL13322	48.0	49.5	1328887	0.90	8.03	42.00	500.00	1.50	2.00	1.86	1.20	18.00	96.00	46.00	3.48	3.33		1.34	637.00
TL13322	49.5	51.0	1328888	0.50	8.07	48.00	560.00	1.60	2.00	1.86	0.50	24.00	126.00	54.00	4.42	3.27		1.55	868.00
TL13322	51.0	52.5	1328889	0.50	8.02	22.00	700.00	1.60	2.00	2.83	0.50	11.00	39.00	22.00	2.51	3.01		1.29	819.00
TL13322	52.5	54.0	1328891	0.50	7.47	19.00	710.00	1.20	2.00	2.44	0.50	7.00	9.00	2.00	1.78	3.04		1.16	627.00
TL13322	54.0	55.5	1328892	0.50	7.60	23.00	800.00	1.30	2.00	2.45	0.50	6.00	8.00	1.00	1.94	3.42		1.38	788.00
TL13322	55.5	57.0	1328893	8.60	5.11	37.00	850.00	1.10	4.00	0.86	6.20	5.00	18.00	80.00	2.10	2.25		0.54	239.00
TL13322	57.0	58.5	1328894	0.50	7.45	10.00	900.00	1.50	2.00	3.34	0.50	6.00	9.00	6.00	1.89	3.16		1.56	748.00
TL13322	58.5	60.0	1328895	0.50	7.25	10.00	670.00	1.70	2.00	3.52	0.50	8.00	9.00	6.00	2.13	2.90		1.73	802.00
TL13322	58.5	60.0	1328896	0.50	7.53	8.00	690.00	1.80	2.00	3.70	0.50	7.00	8.00	5.00	2.18	2.93		1.77	840.00
TL13322	60.0	61.0	1328897	0.50	8.27	16.00	650.00	1.50	2.00	2.75	0.50	17.00	90.00	45.00	3.49	3.43		1.78	963.00
TL13322	61.0	62.0	1328898	0.80	7.88	16.00	520.00	1.30	2.00	2.66	0.50	17.00	84.00	39.00	3.25	3.21		1.64	940.00
TL13322	62.0	63.0	1328899	11.60	7.39	32.00	380.00	1.30	2.00	2.09	19.80	18.00	97.00	434.00	3.93	2.48		1.69	836.00
TL13322	63.0	64.5	1328901	0.50	7.63	13.00	390.00	1.40	2.00	1.52	0.70	18.00	93.00	45.00	3.66	2.84		2.08	709.00
TL13322	64.5	66.0	1328902	5.00	6.91	25.00	360.00	1.30	2.00	1.12	2.00	17.00	102.00	65.00	3.84	2.79		2.17	546.00
TL13322	66.0	67.5	1328903	0.50	6.84	45.00	370.00	1.10	2.00	1.50	2.50	19.00	111.00	63.00	3.97	2.63		2.20	588.00
TL13322	67.5	69.0	1328904	0.80	7.21	18.00	390.00	1.30	2.00	1.16	1.80	22.00	125.00	72.00	4.27	2.68		2.03	612.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13322	8.5	9.5	1328864	1.00	5.00	390.00	12.00	0.34	5.00			109.00		10.00	28.00	10.00		37.00
TL13322	9.5	10.5	1328865	1.00	4.00	390.00	16.00	0.36	5.00			90.00		10.00	27.00	10.00		252.00
TL13322	10.5	11.5	1328866	1.00	5.00	400.00	20.00	0.45	5.00			93.00		10.00	30.00	10.00		37.00
TL13322	11.5	13.0	1328867	1.00	4.00	400.00	14.00	0.21	5.00			115.00		10.00	28.00	10.00		70.00
TL13322	19.5	21.0	1328868	1.00	3.00	390.00	20.00	0.54	5.00			82.00		10.00	27.00	10.00		44.00
TL13322	21.0	22.0	1328869	1.00	3.00	360.00	17.00	0.55	5.00			69.00		10.00	28.00	10.00		47.00
TL13322	22.0	23.0	1328871	1.00	5.00	400.00	6.00	0.97	5.00			45.00		10.00	27.00	10.00		31.00
TL13322	23.0	24.0	1328872	1.00	5.00	400.00	8.00	0.32	5.00			67.00		10.00	28.00	10.00		41.00
TL13322	32.3	33.8	1328873	1.00	7.00	640.00	13.00	0.95	5.00			119.00		10.00	41.00	10.00		37.00
TL13322	33.8	35.0	1328874	1.00	6.00	580.00	64.00	1.76	5.00			99.00		10.00	38.00	10.00		65.00
TL13322	35.0	36.3	1328875	1.00	10.00	600.00	80.00	2.69	5.00			98.00		10.00	36.00	10.00		524.00
TL13322	35.0	36.3	1328876	1.00	9.00	570.00	82.00	2.61	5.00			91.00		10.00	35.00	10.00		370.00
TL13322	36.3	37.3	1328877	2.00	9.00	540.00	200.00	2.23	5.00			76.00		10.00	36.00	10.00		323.00
TL13322	37.3	38.3	1328878	2.00	5.00	500.00	277.00	1.53	5.00			71.00		10.00	28.00	10.00		167.00
TL13322	38.3	39.8	1328879	2.00	6.00	600.00	43.00	1.05	5.00			94.00		10.00	38.00	10.00		89.00
TL13322	39.8	40.9	1328881	1.00	7.00	600.00	12.00	1.01	5.00			105.00		10.00	38.00	10.00		63.00
TL13322	40.9	42.0	1328882	1.00	7.00	600.00	7.00	0.44	5.00			110.00		10.00	38.00	10.00		56.00
TL13322	42.0	43.5	1328883	1.00	11.00	600.00	9.00	0.99	5.00			123.00		10.00	37.00	10.00		61.00
TL13322	43.5	45.0	1328884	2.00	38.00	530.00	48.00	1.82	5.00			122.00		10.00	66.00	10.00		290.00
TL13322	45.0	46.5	1328885	2.00	63.00	570.00	28.00	0.83	5.00			107.00		10.00	96.00	10.00		167.00
TL13322	46.5	48.0	1328886	3.00	45.00	450.00	68.00	1.06	5.00			127.00		10.00	70.00	10.00		75.00
TL13322	48.0	49.5	1328887	3.00	55.00	550.00	178.00	2.14	5.00			88.00		10.00	84.00	10.00		384.00
TL13322	49.5	51.0	1328888	2.00	73.00	570.00	36.00	2.54	5.00			93.00		10.00	107.00	10.00		82.00
TL13322	51.0	52.5	1328889	1.00	25.00	610.00	49.00	1.38	5.00			130.00		10.00	55.00	10.00		75.00
TL13322	52.5	54.0	1328891	1.00	8.00	590.00	26.00	1.21	5.00			108.00		10.00	37.00	10.00		51.00
TL13322	54.0	55.5	1328892	1.00	8.00	590.00	23.00	1.35	5.00			103.00		10.00	37.00	10.00		59.00
TL13322	55.5	57.0	1328893	1.00	10.00	370.00	2110.00	1.83	5.00			63.00		10.00	27.00	10.00		2100.00
TL13322	57.0	58.5	1328894	1.00	7.00	590.00	38.00	0.77	5.00			127.00		10.00	36.00	10.00		79.00
TL13322	58.5	60.0	1328895	1.00	8.00	580.00	44.00	0.89	5.00			124.00		10.00	36.00	680.00		81.00
TL13322	58.5	60.0	1328896	1.00	8.00	580.00	43.00	0.90	5.00			129.00		10.00	37.00	150.00		82.00
TL13322	60.0	61.0	1328897	3.00	50.00	590.00	23.00	1.70	5.00			123.00		10.00	82.00	10.00		78.00
TL13322	61.0	62.0	1328898	2.00	49.00	560.00	29.00	1.50	5.00			132.00		10.00	73.00	10.00		126.00
TL13322	62.0	63.0	1328899	2.00	56.00	540.00	2370.00	2.85	7.00			85.00		10.00	81.00	20.00		7660.00
TL13322	63.0	64.5	1328901	2.00	54.00	540.00	21.00	1.29	5.00			79.00		10.00	77.00	10.00		203.00
TL13322	64.5	66.0	1328902	1.00	59.00	480.00	52.00	1.95	5.00			59.00		10.00	80.00	10.00		643.00
TL13322	66.0	67.5	1328903	2.00	58.00	500.00	70.00	2.23	5.00			59.00		10.00	79.00	10.00		952.00
TL13322	67.5	69.0	1328904	2.00	65.00	520.00	290.00	1.71	5.00			69.00		10.00	89.00	10.00		785.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13322	69.0	70.5	1328905	0.60	7.62	62.00	430.00	1.60	2.00	0.80	0.50	21.00	121.00	42.00	4.09	3.41		1.52	457.00
TL13322	70.5	72.0	1328906	0.50	7.82	28.00	500.00	1.50	2.00	0.60	0.50	19.00	113.00	38.00	3.75	3.89		1.86	491.00
TL13322	72.0	73.0	1328907	2.20	6.62	48.00	510.00	1.00	2.00	1.04	2.50	7.00	14.00	110.00	2.13	2.79		0.84	307.00
TL13322	73.0	74.0	1328908	7.70	6.19	81.00	420.00	0.80	2.00	0.57	18.60	6.00	11.00	165.00	2.00	2.83		0.55	233.00
TL13322	74.0	75.0	1328909	0.50	7.22	28.00	500.00	1.20	2.00	1.79	0.50	7.00	11.00	17.00	1.80	3.05		1.16	441.00
TL13322	75.0	76.5	1328911	0.50	7.69	33.00	550.00	1.20	2.00	1.95	0.90	6.00	12.00	9.00	1.76	3.44		1.23	489.00
TL13322	76.5	78.0	1328912	1.70	7.59	31.00	540.00	1.20	2.00	1.67	0.80	7.00	13.00	15.00	1.89	3.40		1.12	472.00
TL13322	78.0	79.5	1328913	0.50	7.51	34.00	510.00	1.20	2.00	1.45	0.70	7.00	11.00	14.00	1.99	3.40		1.07	513.00
TL13322	79.5	81.0	1328914	0.70	7.66	37.00	490.00	1.10	2.00	1.70	1.00	8.00	12.00	24.00	1.89	3.31		1.12	531.00
TL13322	81.0	82.3	1328915	0.50	7.48	31.00	510.00	1.20	2.00	2.62	0.50	6.00	10.00	5.00	1.87	3.14		1.47	720.00
TL13322	81.0	82.3	1328916	0.50	7.47	34.00	490.00	1.20	2.00	2.40	0.50	6.00	11.00	7.00	1.80	3.15		1.36	663.00
TL13322	82.3	83.3	1328917	0.90	7.20	45.00	500.00	1.00	2.00	1.54	0.80	7.00	12.00	25.00	1.96	3.16		1.03	497.00
TL13322	83.3	84.3	1328918	0.50	7.53	39.00	490.00	1.00	2.00	1.68	0.50	6.00	11.00	11.00	2.01	3.34		1.23	552.00
TL13322	84.3	85.3	1328919	2.50	6.57	47.00	460.00	1.00	2.00	1.68	0.50	6.00	11.00	74.00	2.24	2.76		1.01	652.00
TL13322	85.3	86.4	1328921	10.70	4.75	109.00	270.00	0.70	2.00	0.38	23.20	7.00	11.00	259.00	4.04	2.22		0.34	191.00
TL13322	86.4	87.4	1328922	0.50	6.75	42.00	430.00	0.90	2.00	1.23	0.50	6.00	11.00	11.00	1.55	3.06		0.90	430.00
TL13322	87.4	88.5	1328923	0.50	6.86	39.00	410.00	1.00	2.00	1.84	0.50	6.00	9.00	7.00	1.50	3.01		1.12	524.00
TL13322	88.5	89.6	1328924	1.80	6.92	42.00	420.00	1.10	2.00	1.61	4.00	7.00	11.00	27.00	2.45	2.86		1.15	554.00
TL13322	89.6	91.0	1328925	0.50	7.95	10.00	510.00	1.50	2.00	2.67	0.50	8.00	13.00	28.00	1.94	3.45		1.55	766.00
TL13322	91.0	92.0	1328926	0.50	7.63	22.00	420.00	1.20	2.00	2.56	0.50	7.00	14.00	15.00	1.96	3.18		1.48	583.00
TL13322	92.0	93.0	1328927	0.50	7.11	25.00	450.00	1.00	2.00	2.46	0.50	7.00	16.00	14.00	1.88	3.23		1.25	508.00
TL13322	93.0	94.0	1328928	0.50	7.51	12.00	560.00	1.10	2.00	2.73	0.50	7.00	20.00	2.00	1.96	2.77		1.24	375.00
TL13322	94.0	95.0	1328929	0.50	7.25	17.00	440.00	1.50	2.00	1.52	0.50	16.00	90.00	18.00	3.16	3.16		2.08	528.00
TL13322	95.0	96.0	1328931	1.30	6.17	66.00	350.00	1.30	2.00	0.55	0.50	20.00	108.00	51.00	3.15	2.85		1.00	261.00
TL13322	96.0	97.0	1328932	0.80	6.99	28.00	370.00	1.30	2.00	0.56	0.50	21.00	121.00	44.00	3.74	2.87		1.57	376.00
TL13322	97.0	98.0	1328933	3.10	6.38	44.00	330.00	1.30	2.00	0.71	14.80	19.00	101.00	64.00	4.38	2.56		1.82	359.00
TL13322	98.0	99.0	1328934	0.50	4.62	40.00	250.00	0.90	2.00	0.82	0.50	16.00	80.00	52.00	3.39	1.67		1.12	314.00
TL13322	99.0	99.5	1328935	0.60	7.78	14.00	410.00	1.60	2.00	1.93	0.50	20.00	131.00	61.00	4.11	2.73		1.62	667.00
TL13322	99.5	101.0	1328937	0.50	7.49	13.00	340.00	1.40	2.00	2.42	0.50	19.00	118.00	49.00	3.87	2.52		1.66	737.00
TL13322	99.5	101.0	1328936	0.80	7.32	5.00	350.00	1.30	2.00	2.30	0.50	21.00	115.00	52.00	3.78	2.73		1.59	675.00
TL13322	101.0	102.0	1328938	1.00	7.21	45.00	310.00	1.40	2.00	2.68	0.50	18.00	102.00	71.00	3.50	2.38		1.83	915.00
TL13322	102.0	103.0	1328939	0.50	7.11	34.00	480.00	1.10	2.00	2.37	0.50	6.00	12.00	32.00	1.92	3.09		1.33	705.00
TL13322	103.0	104.0	1328941	3.80	6.72	64.00	520.00	1.30	2.00	1.44	2.60	6.00	11.00	213.00	1.66	2.96		0.95	599.00
TL13322	104.0	105.3	1328942	0.70	6.94	57.00	490.00	1.20	2.00	1.50	0.50	9.00	40.00	40.00	1.78	2.96		0.91	519.00
TL13322	105.3	106.8	1328943	0.50	8.17	27.00	420.00	1.50	2.00	1.42	0.50	23.00	139.00	65.00	3.96	3.67		1.42	660.00
TL13322	106.8	108.0	1328944	0.90	7.69	47.00	390.00	1.70	2.00	1.82	0.50	18.00	106.00	81.00	3.43	3.05		1.20	578.00
TL13322	108.0	109.5	1328945	0.90	7.40	45.00	410.00	1.40	2.00	1.64	0.50	16.00	96.00	93.00	3.27	3.06		1.15	624.00
TL13322	109.5	111.0	1328946	0.50	8.02	16.00	430.00	1.50	2.00	2.26	0.50	20.00	109.00	76.00	3.88	3.21		1.60	777.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13322	69.0	70.5	1328905	2.00	68.00	500.00	69.00	2.43	5.00			58.00		10.00	96.00	10.00		256.00
TL13322	70.5	72.0	1328906	2.00	63.00	480.00	46.00	1.77	5.00			44.00		10.00	94.00	10.00		109.00
TL13322	72.0	73.0	1328907	3.00	11.00	440.00	239.00	1.79	5.00			53.00		10.00	37.00	10.00		684.00
TL13322	73.0	74.0	1328908	1.00	8.00	420.00	1255.00	2.16	12.00			31.00		10.00	32.00	20.00		5990.00
TL13322	74.0	75.0	1328909	1.00	9.00	490.00	56.00	1.19	5.00			71.00		10.00	36.00	10.00		106.00
TL13322	75.0	76.5	1328911	1.00	8.00	520.00	68.00	1.05	5.00			70.00		10.00	39.00	10.00		339.00
TL13322	76.5	78.0	1328912	1.00	10.00	520.00	274.00	1.21	5.00			65.00		10.00	39.00	10.00		326.00
TL13322	78.0	79.5	1328913	1.00	9.00	530.00	69.00	1.46	5.00			70.00		10.00	40.00	10.00		234.00
TL13322	79.5	81.0	1328914	1.00	10.00	520.00	97.00	1.30	5.00			61.00		10.00	39.00	10.00		348.00
TL13322	81.0	82.3	1328915	1.00	9.00	520.00	41.00	1.07	5.00			79.00		10.00	38.00	10.00		68.00
TL13322	81.0	82.3	1328916	1.00	8.00	500.00	39.00	1.04	5.00			77.00		10.00	37.00	10.00		66.00
TL13322	82.3	83.3	1328917	1.00	9.00	480.00	82.00	1.44	5.00			55.00		10.00	35.00	10.00		315.00
TL13322	83.3	84.3	1328918	1.00	9.00	490.00	22.00	1.42	5.00			71.00		10.00	38.00	10.00		131.00
TL13322	84.3	85.3	1328919	1.00	7.00	430.00	101.00	1.88	5.00			53.00		10.00	30.00	10.00		118.00
TL13322	85.3	86.4	1328921	1.00	9.00	360.00	767.00	4.64	39.00			17.00		10.00	25.00	20.00		7160.00
TL13322	86.4	87.4	1328922	1.00	8.00	480.00	25.00	1.11	5.00			42.00		10.00	35.00	10.00		68.00
TL13322	87.4	88.5	1328923	1.00	9.00	480.00	20.00	0.92	5.00			52.00		10.00	36.00	10.00		107.00
TL13322	88.5	89.6	1328924	1.00	11.00	480.00	297.00	2.10	5.00			56.00		10.00	35.00	10.00		1080.00
TL13322	89.6	91.0	1328925	3.00	15.00	610.00	38.00	0.48	5.00			85.00		10.00	49.00	10.00		171.00
TL13322	91.0	92.0	1328926	1.00	11.00	540.00	20.00	0.49	5.00			77.00		10.00	39.00	10.00		99.00
TL13322	92.0	93.0	1328927	1.00	9.00	500.00	31.00	0.79	5.00			92.00		10.00	38.00	10.00		94.00
TL13322	93.0	94.0	1328928	1.00	12.00	520.00	14.00	0.29	5.00			150.00		10.00	41.00	10.00		58.00
TL13322	94.0	95.0	1328929	3.00	49.00	500.00	24.00	0.91	5.00			73.00		10.00	84.00	10.00		76.00
TL13322	95.0	96.0	1328931	4.00	63.00	450.00	146.00	2.20	5.00			41.00		10.00	84.00	10.00		129.00
TL13322	96.0	97.0	1328932	3.00	67.00	450.00	96.00	1.84	5.00			43.00		10.00	100.00	10.00		113.00
TL13322	97.0	98.0	1328933	2.00	56.00	560.00	993.00	2.68	5.00			57.00		10.00	77.00	10.00		4300.00
TL13322	98.0	99.0	1328934	2.00	58.00	640.00	66.00	1.43	5.00			47.00		10.00	59.00	10.00		168.00
TL13322	99.0	99.5	1328935	3.00	62.00	590.00	60.00	1.16	5.00			100.00		10.00	90.00	10.00		139.00
TL13322	99.5	101.0	1328937	5.00	58.00	550.00	32.00	0.51	5.00			140.00		10.00	87.00	10.00		86.00
TL13322	99.5	101.0	1328936	3.00	59.00	550.00	31.00	0.54	5.00			140.00		10.00	83.00	10.00		107.00
TL13322	101.0	102.0	1328938	2.00	53.00	520.00	89.00	0.83	5.00			120.00		10.00	83.00	10.00		191.00
TL13322	102.0	103.0	1328939	1.00	10.00	490.00	28.00	0.56	5.00			101.00		10.00	36.00	10.00		64.00
TL13322	103.0	104.0	1328941	2.00	9.00	460.00	350.00	1.13	5.00			63.00		10.00	34.00	10.00		1135.00
TL13322	104.0	105.3	1328942	2.00	20.00	470.00	94.00	0.96	5.00			65.00		10.00	54.00	10.00		210.00
TL13322	105.3	106.8	1328943	2.00	76.00	560.00	59.00	1.34	5.00			70.00		10.00	109.00	10.00		114.00
TL13322	106.8	108.0	1328944	3.00	54.00	430.00	117.00	1.36	5.00			78.00		10.00	86.00	10.00		182.00
TL13322	108.0	109.5	1328945	3.00	49.00	520.00	108.00	1.27	5.00			60.00		10.00	80.00	10.00		252.00
TL13322	109.5	111.0	1328946	4.00	62.00	560.00	52.00	0.44	5.00			91.00		10.00	93.00	10.00		125.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13322	111.0	112.0	1328947	0.50	7.45	18.00	450.00	1.50	2.00	2.17	0.50	17.00	97.00	68.00	3.33	2.97		1.43	767.00
TL13322	112.0	113.0	1328948	2.50	6.73	65.00	470.00	1.50	2.00	1.26	0.60	15.00	88.00	122.00	2.79	2.83		0.77	406.00
TL13322	113.0	114.0	1328949	2.80	6.54	89.00	650.00	1.30	2.00	1.34	2.30	10.00	56.00	143.00	2.89	2.67		0.78	495.00
TL13322	114.0	115.0	1328951	10.60	3.96	162.00	870.00	2.70	2.00	3.99	21.40	10.00	46.00	508.00	4.62	1.18		2.07	2020.00
TL13322	115.0	116.0	1328952	0.50	5.79	45.00	710.00	1.10	2.00	1.61	0.60	6.00	12.00	5.00	1.51	2.33		0.88	455.00
TL13322	116.0	117.0	1328953	0.50	7.13	20.00	780.00	1.20	2.00	2.33	0.50	6.00	11.00	5.00	1.74	2.77		1.00	382.00
TL13322	117.0	118.5	1328954	0.50	6.77	18.00	550.00	1.00	2.00	2.43	0.50	7.00	12.00	6.00	1.85	2.23		0.80	315.00
TL13322	118.5	120.0	1328955	0.50	6.81	24.00	530.00	0.90	2.00	2.44	0.50	6.00	11.00	8.00	1.88	2.21		0.82	338.00
TL13322	118.5	120.0	1328956	0.50	6.88	27.00	540.00	1.00	2.00	2.37	0.50	7.00	13.00	8.00	1.89	2.25		0.81	334.00
TL13322	136.8	138.3	1328957	0.50	6.86	15.00	380.00	1.20	2.00	2.16	0.50	17.00	114.00	46.00	3.62	2.17		1.27	644.00
TL13322	138.3	139.3	1328958	1.00	7.18	45.00	470.00	1.60	2.00	2.21	3.30	21.00	111.00	77.00	4.35	2.58		1.26	731.00
TL13322	139.3	140.3	1328959	0.50	7.02	58.00	500.00	1.20	2.00	1.85	5.80	18.00	102.00	68.00	3.98	2.51		1.24	832.00
TL13322	140.3	141.3	1328961	0.50	7.27	43.00	440.00	1.70	2.00	2.09	0.50	21.00	115.00	52.00	4.27	2.41		1.52	756.00
TL13322	141.3	142.8	1328962	0.50	7.47	19.00	650.00	1.50	2.00	1.62	0.50	19.00	119.00	85.00	3.79	2.77		1.45	656.00
TL13322	142.8	143.8	1328963	2.80	7.09	64.00	730.00	1.60	2.00	0.71	7.50	20.00	114.00	111.00	4.33	3.36		1.03	454.00
TL13322	143.8	144.8	1328964	0.50	6.67	60.00	460.00	1.30	2.00	1.47	1.00	17.00	104.00	81.00	3.30	2.55		1.13	739.00
TL13322	144.8	145.8	1328965	11.50	6.10	115.00	470.00	1.20	2.00	1.06	13.00	16.00	91.00	468.00	4.29	2.61		0.90	665.00
TL13322	145.8	147.3	1328966	0.60	6.84	30.00	430.00	1.40	2.00	1.63	0.50	19.00	111.00	62.00	3.59	2.30		1.34	595.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13322	111.0	112.0	1328947	4.00	50.00	520.00	58.00	0.49	5.00			87.00		10.00	77.00	10.00		124.00
TL13322	112.0	113.0	1328948	3.00	47.00	470.00	458.00	1.94	6.00			61.00		10.00	71.00	10.00		337.00
TL13322	113.0	114.0	1328949	5.00	29.00	490.00	233.00	2.57	30.00			77.00		10.00	54.00	10.00		1020.00
TL13322	114.0	115.0	1328951	5.00	26.00	310.00	1555.00	3.19	112.00			301.00		10.00	38.00	10.00		8090.00
TL13322	115.0	116.0	1328952	3.00	6.00	390.00	24.00	0.93	5.00			172.00		10.00	31.00	10.00		225.00
TL13322	116.0	117.0	1328953	1.00	7.00	500.00	40.00	0.71	5.00			199.00		10.00	36.00	10.00		63.00
TL13322	117.0	118.5	1328954	1.00	7.00	490.00	23.00	0.69	5.00			151.00		10.00	36.00	10.00		58.00
TL13322	118.5	120.0	1328955	1.00	9.00	500.00	32.00	0.87	5.00			144.00		10.00	36.00	10.00		116.00
TL13322	118.5	120.0	1328956	1.00	8.00	520.00	33.00	0.89	5.00			143.00		10.00	37.00	10.00		116.00
TL13322	136.8	138.3	1328957	2.00	56.00	530.00	33.00	0.93	5.00			124.00		10.00	82.00	10.00		80.00
TL13322	138.3	139.3	1328958	3.00	67.00	530.00	234.00	2.46	5.00			138.00		10.00	89.00	10.00		1180.00
TL13322	139.3	140.3	1328959	4.00	52.00	550.00	104.00	1.94	5.00			125.00		10.00	87.00	10.00		1590.00
TL13322	140.3	141.3	1328961	2.00	67.00	590.00	54.00	1.82	5.00			157.00		10.00	94.00	10.00		182.00
TL13322	141.3	142.8	1328962	2.00	63.00	540.00	101.00	0.82	5.00			127.00		10.00	92.00	10.00		164.00
TL13322	142.8	143.8	1328963	5.00	66.00	490.00	1255.00	2.96	7.00			113.00		10.00	96.00	10.00		2590.00
TL13322	143.8	144.8	1328964	3.00	51.00	500.00	139.00	1.77	5.00			109.00		10.00	74.00	10.00		359.00
TL13322	144.8	145.8	1328965	3.00	50.00	460.00	1780.00	4.10	6.00			82.00		10.00	70.00	10.00		4740.00
TL13322	145.8	147.3	1328966	2.00	57.00	500.00	69.00	1.35	5.00			133.00		10.00	78.00	10.00		200.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13322	8.6	33.8	25.2	PY	DISS	1	1% disseminated py throughout the interval
TL13322	8.6	33.8	25.2	PY	ST	0.1	Trace to 1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13322	8.6	33.8	25.2	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL13322	8.6	33.8	25.2	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13322	33.8	38.3	4.6	PY	DISS	1	1% disseminated py throughout the interval
TL13322	33.8	38.3	4.6	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13322	33.8	38.3	4.6	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13322	33.8	38.3	4.6	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13322	33.8	38.3	4.6	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL13322	38.3	72.0	33.7	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13322	38.3	72.0	33.7	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13322	38.3	72.0	33.7	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-amph veins
TL13322	38.3	72.0	33.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-amph veins
TL13322	38.3	72.0	33.7	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13322	54.0	57.0	3.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy in qtz veins
TL13322	62.0	63.0	1.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy in qtz veins
TL13322	72.0	74.0	2.0	PY	DISS	1	1% disseminated py throughout the interval
TL13322	72.0	74.0	2.0	PY	ST	1	1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13322	72.0	74.0	2.0	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13322	72.0	74.0	2.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13322	74.0	82.3	8.3	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13322	74.0	82.3	8.3	PY	DISS	0.1	Trace disseminated py throughout the interval
TL13322	82.3	105.3	23.0	PY	DISS	1	1% disseminated py throughout the interval
TL13322	82.3	105.3	23.0	PY	ST	2	2% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13322	82.3	105.3	23.0	SPH	ST	1	1% sph in 1-10mm wide stringers oriented semi-parallel to foliation
TL13322	82.3	105.3	23.0	CP	BLB	0.1	Trace gal blebs found in qtz and qtz-amph veins
TL13322	82.3	105.3	23.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy in milky white qtz veins
TL13322	99.4	99.4	0.0	AU	BLB	0.1	*PICTURE* A couple of 1mm VG blebs, possibly more under surface. Within qz vein type not typically associated with mineralization
TL13322	105.3	114.0	8.8	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13322	105.3	162.0	56.8	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-amph veins
TL13322	105.3	162.0	56.8	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL13322	105.3	162.0	56.8	PY	DISS	0.1	Trace to 1% disseminated py
TL13322	114.0	115.0	1.0	PY	ST	2	2% py in stringers throughout this interval
TL13322	114.0	115.0	1.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13322	114.0	115.0	1.0	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation and as blebs in irregular qtz-amph veins

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13322	115.0	138.0	23.0	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13322	138.0	146.0	8.0	PY	ST	3	3% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13322	138.0	146.0	8.0	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13322	138.0	146.0	8.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13322	146.0	162.0	16.0	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13322	146.0	162.0	16.0	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13322	8.6	21.0	12.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13322	21.0	33.8	12.8	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13322	33.8	38.3	4.6	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13322	34.6	34.7	0.1	Fold	Very Weak	20	V. weak F2 folding oriented at 20 deg TCA
TL13322	38.3	72.0	33.7	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13322	38.3	72.0	33.7	FR	Weak	40	Weak fracture set cross cutting foliation at 40 deg TCA
TL13322	72.0	74.0	2.0	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13322	74.0	82.3	8.3	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13322	74.0	82.3	8.3	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13322	82.3	90.0	7.7	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13322	82.3	105.3	23.0	FR	Weak	45	Weak fracture set cross cutting foliation at 45 deg TCA
TL13322	90.0	90.2	0.2	Fold	Moderate	25	Moderate F2 folding oriented at 25 deg TCA
TL13322	90.0	92.5	2.5	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13322	92.5	105.3	12.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13322	105.3	132.0	26.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13322	105.3	162.0	56.8	FR	Weak	40	Weak fracture set cross cutting foliation at 40 deg TCA
TL13322	132.0	162.0	30.0	FOL	Weak	55	Weak foliation at 55 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13322	8.6	33.8	25.2	SR	Patchy	Very Weak	V. weak patchy ser alt 15-20% ser to 80-85% bio
TL13322	8.6	33.8	25.2	SI	Pervasive	Strong	Strong to very strong pervasive silicification
TL13322	33.8	38.3	4.6	SI	Patchy	Strong	Strong to very strong patchy silicification
TL13322	33.8	38.3	4.6	SR	Patchy	Moderate	Moderate patchy ser alt 50% ser to 50% bio
TL13322	38.3	55.4	17.1	SR	Patchy	Very Weak	V. weak patchys ser alt, 5-10% ser to 90-95% bio
TL13322	38.3	72.0	33.7	SI	Patchy	Strong	Strong to very strong patchy to semi-pervasive silicification
TL13322	55.4	57.0	1.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13322	57.0	72.0	15.0	SR	Patchy	Very Weak	V. weak patchys ser alt, 5-10% ser to 90-95% bio
TL13322	72.0	74.0	2.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13322	72.0	74.0	2.0	SI	Pervasive	Strong	Strong to very strong pervasive silicification
TL13322	74.0	82.3	8.3	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13322	74.0	82.3	8.3	SI	Pervasive	Very Strong	V. strong pervasive silicification
TL13322	82.3	89.7	7.4	SR	Patchy	Moderate	Moderate patchy ser alt 60% ser to 40% bio
TL13322	82.3	105.3	23.0	SI	Pervasive	Strong	Strong to very strong pervasive silicification
TL13322	89.7	102.8	13.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13322	102.8	105.3	2.5	SR	Patchy	Moderate	Moderate patchy ser alt 45% ser to 55% bio
TL13322	105.3	147.0	41.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13322	105.3	162.0	56.8	SI	Pervasive	Strong	Strong to very strong pervasive silicification
TL13322	113.0	114.5	1.5	CH	Patchy	Moderate	Moderate patchy chl alt throughout this interval
TL13322	147.0	162.0	15.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13322	9	12	3	3.02	2.16	100.67	72	21	
TL13322	12	15	3	2.99	2.62	99.67	87.33	9	
TL13322	15	18	3	2.96	2.87	98.67	95.67	8	
TL13322	18	21	3	2.92	2.18	97.33	72.67	15	
TL13322	21	24	3	2.97	1.97	99	65.67	31	
TL13322	24	27	3	3.04	2.86	101.33	95.33	11	
TL13322	27	30	3	3.02	2.45	100.67	81.67	13	
TL13322	30	33	3	2.92	2.17	97.33	72.33	15	
TL13322	33	36	3	3.03	2.72	101	90.67	12	
TL13322	36	39	3	3	2.65	100	88.33	13	
TL13322	39	42	3	2.99	1.91	99.67	63.67	17	
TL13322	42	45	3	3.06	2.78	102	92.67	11	
TL13322	45	48	3	2.91	1.54	97	51.33	22	SRP
TL13322	48	51	3	3.04	2.51	101.33	83.67	16	
TL13322	51	54	3	3.08	2.03	102.67	67.67	18	
TL13322	54	57	3	2.86	1.96	95.33	65.33	24	SRP
TL13322	57	60	3	2.96	2.71	98.67	90.33	9	
TL13322	60	63	3	3.09	2.48	103	82.67	24	
TL13322	63	66	3	2.92	1.38	97.33	46	41	
TL13322	66	69	3	3.07	2.17	102.33	72.33	23	
TL13322	69	72	3	3.06	1.28	102	42.67	27	
TL13322	72	75	3	2.89	2.63	96.33	87.67	12	
TL13322	75	78	3	3.07	2.54	102.33	84.67	13	
TL13322	78	81	3	3.02	3.02	100.67	100.67	9	
TL13322	81	84	3	2.95	2.77	98.33	92.33	11	
TL13322	84	87	3	3.06	2.96	102	98.67	9	
TL13322	87	90	3	2.99	2.99	99.67	99.67	8	
TL13322	90	93	3	2.97	2.66	99	88.67	11	
TL13322	93	96	3	3.02	1.94	100.67	64.67	36	
TL13322	96	99	3	3.07	1.3	102.33	43.33	35	
TL13322	99	102	3	2.99	2.17	99.67	72.33	24	
TL13322	102	105	3	2.9	2.88	96.67	96	9	
TL13322	105	108	3	2.97	2.63	99	87.67	12	
TL13322	108	111	3	3.07	2.89	102.33	96.33	10	
TL13322	111	114	3	2.97	2.82	99	94	10	
TL13322	114	117	3	2.99	2.81	99.67	93.67	11	
TL13322	117	120	3	2.97	2.91	99	97	7	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13322	120	123	3	2.9	2.76	96.67	92	6	
TL13322	123	126	3	3.04	2.73	101.33	91	5	
TL13322	126	129	3	2.98	2.44	99.33	81.33	10	
TL13322	129	132	3	3.02	3.02	100.67	100.67	4	
TL13322	132	135	3	2.97	2.78	99	92.67	10	
TL13322	135	138	3	2.98	2.89	99.33	96.33	6	
TL13322	138	141	3	2.95	2.7	98.33	90	7	
TL13322	141	144	3	2.98	2.59	99.33	86.33	12	
TL13322	144	147	3	3	2.3	100	76.67	15	
TL13322	147	150	3	2.96	2.73	98.67	91	11	
TL13322	150	153	3	2.97	2.4	99	80	18	
TL13322	153	156	3	3.03	1.86	101	62	31	
TL13322	156	159	3	3.02	2.41	100.67	80.33	13	
TL13322	159	162	3	2.98	2.38	99.33	79.33	21	

DETAILED LOG

Hole Number: TL13323

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
13.50	61.40	BMS, Biotite Muscovite Schist	1328967	27.00	28.50	1.50	0.48				
		BMS with possible fault at top of hole with moderate sr alteration around it. Very weak to weak for the rest of the unit	1328968	28.50	30.00	1.50	0.06				
		Small intervals with increased py within weak BMS	1328969	30.00	31.50	1.50	0.15				
		From 45-54.5m there are several dark looking patches of sr alt which seem to be associated with translucent qz veins containing increased py/sph/gn	1328971	31.50	33.00	1.50	0.20				
			1328972	33.00	34.50	1.50	0.04				
			1328973	34.50	36.00	1.50	0.03				
			1328974	36.00	37.50	1.50	0.03				
			1328976	37.50	39.00	1.50	0.02				
			1328975	37.50	39.00	1.50	0.06				
			1328977	39.00	40.50	1.50	0.02				
			1328978	40.50	42.00	1.50	0.02				
			1328979	42.00	43.50	1.50	0.04				
			1328981	43.50	45.00	1.50	0.06				
			1328982	45.00	46.00	1.00	0.20				
			1328983	46.00	47.00	1.00	0.33				
			1328984	47.00	48.00	1.00	0.09				
			1328985	48.00	49.50	1.50	0.06				
			1328986	49.50	51.00	1.50	0.07				
			1328987	51.00	52.00	1.00	0.45				
			1328988	52.00	53.00	1.00	0.08				
			1328989	53.00	54.00	1.00	0.73				
			1328991	54.00	55.50	1.50	0.20				
			1328992	55.50	57.00	1.50	0.04				
			1328993	57.00	58.50	1.50	0.04				
			1328994	58.50	60.00	1.50	0.05				
			1328995	60.00	61.40	1.40	0.03				
			1328996	60.00	61.40	1.40	0.06				
61.40	75.30	MSS, Muscovite Sericite Schist	1328997	61.40	63.00	1.60	0.17				
		MSS C zone? with Weak to moderate sr alteration but has common py/sph stringers with trace gn/cpy/po	1328998	63.00	64.50	1.50	0.08				
		Mineralization is typically associated with translucent qz veins	1328999	64.50	66.00	1.50	0.10				
		Best condensed intervals from 69.10-69.30m and 74.70-74.80m	1259051	66.00	67.50	1.50	0.27				
			1259052	67.50	69.00	1.50	0.12				
			1259053	69.00	70.00	1.00	0.33				
			1259054	70.00	71.00	1.00	0.09				
			1259055	71.00	72.00	1.00	0.66				
			1259056	72.00	73.00	1.00	0.29				
			1259057	73.00	74.30	1.30	0.05				
			1259058	74.30	75.30	1.00	0.14				

Hole Number: TL13323

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
75.30	88.90	BMS, Biotite Muscovite Schist BMS with weak sr/si. poorly mineralized but has an interval from 82.2-83.3m where there is darker looking sr alteration with increased py/po mineralization	1259059	75.30	76.50	1.20	0.08				
			1259061	76.50	78.00	1.50	0.02				
			1259062	78.00	79.50	1.50	0.05				
			1259063	79.50	81.00	1.50	0.09				
			1259064	81.00	82.00	1.00	0.15				
			1259066	82.00	83.50	1.50	0.40				
			1259065	82.00	83.50	1.50	0.18				
			1259067	83.50	85.00	1.50	0.10				
			1259068	85.00	86.50	1.50	0.12				
			1259069	86.50	88.00	1.50	0.09				
			1259071	88.00	88.90	0.90	0.14				
88.90	102.75	MSS, Muscovite Sericite Schist MSS D/FW? zone with weak to moderate si and strong sr alteration. Common py/sph stringers distributed throughout unit, some contain trace cpy/gn blebs. No really condensed areas of stringers	1259072	88.90	90.00	1.10	0.24				
			1259073	90.00	91.00	1.00	0.05				
			1259074	91.00	92.00	1.00	0.20				
			1259075	92.00	93.00	1.00	0.17				
			1259076	93.00	94.00	1.00	0.19				
			1259077	94.00	95.00	1.00	0.08				
			1259078	95.00	96.00	1.00	0.06				
			1259079	96.00	97.50	1.50	0.71				
			1259081	97.50	99.00	1.50	0.29				
			1259082	99.00	100.00	1.00	0.32				
			1259083	100.00	101.00	1.00	0.30				
			1259084	101.00	102.00	1.00	0.19				
			1259086	102.00	103.00	1.00	0.04				
			1259085	102.00	103.00	1.00	0.03				
102.75	123.95	BMS, Biotite Muscovite Schist BMS with increased fracturing/alteration near top contact. BMS has more of a lighter -brown/grey colouring to it in that area Becomes more typical dark striped BMS by ~110m 1-2% diss. py with trace sph stringers.	1259087	103.00	104.50	1.50	0.02				
			1259088	117.00	118.50	1.50	0.05				
			1259089	118.50	120.00	1.50	0.18				
			1259091	120.00	121.50	1.50	0.02				
			1259092	121.50	123.00	1.50	0.05				
			1259093	123.00	123.95	0.95	0.04				
123.95	129.95	MSS, Muscovite Sericite Schist Dark, weak sr altered MSS zone. Abundant mineralization throughout interval. 7-8% py, 2-3% sph, 1% gn/po, Trace cpy	1259094	123.95	124.95	1.00	0.72				
			1259095	124.95	125.95	1.00	0.13				
			1259096	125.95	126.95	1.00	0.38				
			1259097	126.95	127.95	1.00	0.11				
			1259098	127.95	128.95	1.00	0.06				
			1259099	128.95	129.95	1.00	0.28				
129.95	150.00	BMS, Biotite Muscovite Schist Dark BMS with weak sr/si alt. Poorly mineralized	1259101	129.95	131.00	1.05	0.05				
			1259102	131.00	132.50	1.50	0.04				

Hole Number: TL13323

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1328967	27.00	28.50	0.4800				
1328968	28.50	30.00	0.0600				
1328969	30.00	31.50	0.1500				
1328971	31.50	33.00	0.2000				
1328972	33.00	34.50	0.0400				
1328973	34.50	36.00	0.0300				
1328974	36.00	37.50	0.0300				
1328975	37.50	39.00	0.0600				
1328977	39.00	40.50	0.0200				
1328978	40.50	42.00	0.0200				
1328979	42.00	43.50	0.0400				
1328981	43.50	45.00	0.0600				
1328982	45.00	46.00	0.2000				
1328983	46.00	47.00	0.3300				
1328984	47.00	48.00	0.0900				
1328985	48.00	49.50	0.0600				
1328986	49.50	51.00	0.0700				
1328987	51.00	52.00	0.4500				
1328988	52.00	53.00	0.0800				
1328989	53.00	54.00	0.7300				
1328991	54.00	55.50	0.2000				
1328992	55.50	57.00	0.0400				
1328993	57.00	58.50	0.0400				
1328994	58.50	60.00	0.0500				
1328995	60.00	61.40	0.0300				
1328997	61.40	63.00	0.1700				
1328998	63.00	64.50	0.0800				
1328999	64.50	66.00	0.1000				
1259051	66.00	67.50	0.2700				
1259052	67.50	69.00	0.1200				
1259053	69.00	70.00	0.3300				
1259054	70.00	71.00	0.0900				
1259055	71.00	72.00	0.6600				
1259056	72.00	73.00	0.2900				
1259057	73.00	74.30	0.0500				
1259058	74.30	75.30	0.1400				
1259059	75.30	76.50	0.0800				
1259061	76.50	78.00	0.0200				
1259062	78.00	79.50	0.0500				

Hole Number: TL13323

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259063	79.50	81.00	0.0900				
1259064	81.00	82.00	0.1500				
1259065	82.00	83.50	0.1800				
1259067	83.50	85.00	0.1000				
1259068	85.00	86.50	0.1200				
1259069	86.50	88.00	0.0900				
1259071	88.00	88.90	0.1400				
1259072	88.90	90.00	0.2400				
1259073	90.00	91.00	0.0500				
1259074	91.00	92.00	0.2000				
1259075	92.00	93.00	0.1700				
1259076	93.00	94.00	0.1900				
1259077	94.00	95.00	0.0800				
1259078	95.00	96.00	0.0600				
1259079	96.00	97.50	0.7100				
1259081	97.50	99.00	0.2900				
1259082	99.00	100.00	0.3200				
1259083	100.00	101.00	0.3000				
1259084	101.00	102.00	0.1900				
1259085	102.00	103.00	0.0300				
1259087	103.00	104.50	0.0200				
1259088	117.00	118.50	0.0500				
1259089	118.50	120.00	0.1800				
1259091	120.00	121.50	0.0200				
1259092	121.50	123.00	0.0500				
1259093	123.00	123.95	0.0400				
1259094	123.95	124.95	0.7200				
1259095	124.95	125.95	0.1300				
1259096	125.95	126.95	0.3800				
1259097	126.95	127.95	0.1100				
1259098	127.95	128.95	0.0600				
1259099	128.95	129.95	0.2800				
1259101	129.95	131.00	0.0500				
1259102	131.00	132.50	0.0400				
Sample Type	CDUP						
1328976	37.50	39.00	0.0200				
1328996	60.00	61.40	0.0600				
1259066	82.00	83.50	0.4000				
1259086	102.00	103.00	0.0400				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13323	27.0	28.5	1328967	1.00	7.18	6.00	470.00	1.60	2.00	1.88	0.50	23.00	133.00	45.00	4.39	2.61		1.42	622.00
TL13323	28.5	30.0	1328968	1.00	7.20	23.00	370.00	1.30	2.00	2.92	0.60	17.00	106.00	65.00	3.95	2.43		1.36	635.00
TL13323	30.0	31.5	1328969	1.30	7.11	80.00	440.00	1.40	2.00	1.42	0.50	19.00	115.00	48.00	3.77	3.09		1.15	604.00
TL13323	31.5	33.0	1328971	0.50	7.46	61.00	430.00	1.60	2.00	1.83	1.10	21.00	123.00	63.00	4.84	3.01		1.66	896.00
TL13323	33.0	34.5	1328972	0.50	7.23	26.00	590.00	1.30	2.00	2.31	0.50	12.00	57.00	52.00	2.83	3.03		1.44	795.00
TL13323	34.5	36.0	1328973	0.50	6.99	23.00	580.00	1.10	2.00	2.59	0.50	7.00	35.00	2.00	2.30	2.84		1.21	582.00
TL13323	36.0	37.5	1328974	0.60	7.10	29.00	670.00	1.10	2.00	2.32	0.90	6.00	23.00	4.00	2.21	3.32		1.25	632.00
TL13323	37.5	39.0	1328976	0.50	6.36	20.00	680.00	1.00	2.00	2.34	0.50	4.00	6.00	2.00	1.80	3.60		1.10	653.00
TL13323	37.5	39.0	1328975	0.50	6.90	30.00	710.00	1.00	2.00	2.12	0.70	5.00	5.00	2.00	1.95	3.72		1.14	623.00
TL13323	39.0	40.5	1328977	0.50	6.94	10.00	700.00	1.00	2.00	3.17	0.50	4.00	6.00	7.00	2.05	2.89		1.09	744.00
TL13323	40.5	42.0	1328978	0.50	7.06	6.00	590.00	0.90	2.00	2.46	0.50	5.00	6.00	13.00	1.79	2.26		0.79	709.00
TL13323	42.0	43.5	1328979	0.50	7.28	5.00	390.00	1.00	2.00	1.81	0.50	14.00	89.00	43.00	3.43	2.68		1.54	868.00
TL13323	43.5	45.0	1328981	0.50	7.43	5.00	470.00	1.10	2.00	1.02	0.50	20.00	127.00	51.00	3.95	3.36		1.55	746.00
TL13323	45.0	46.0	1328982	2.30	7.30	25.00	510.00	1.60	2.00	1.19	7.40	22.00	116.00	162.00	4.63	3.23		1.59	705.00
TL13323	46.0	47.0	1328983	0.80	7.25	15.00	540.00	1.50	2.00	1.22	0.50	23.00	119.00	70.00	4.31	2.89		1.44	551.00
TL13323	47.0	48.0	1328984	0.70	7.55	49.00	490.00	1.50	2.00	1.44	1.40	20.00	125.00	51.00	4.38	3.22		1.65	557.00
TL13323	48.0	49.5	1328985	0.50	7.37	13.00	410.00	1.40	2.00	0.77	0.50	22.00	129.00	49.00	4.13	3.26		2.15	558.00
TL13323	49.5	51.0	1328986	0.50	6.72	32.00	340.00	1.10	2.00	1.26	4.10	18.00	121.00	83.00	4.01	2.86		2.55	572.00
TL13323	51.0	52.0	1328987	1.30	6.31	71.00	320.00	1.20	2.00	1.17	1.20	15.00	104.00	52.00	3.50	2.63		1.52	394.00
TL13323	52.0	53.0	1328988	0.60	7.03	13.00	350.00	1.40	2.00	1.18	0.50	17.00	117.00	48.00	2.98	3.08		1.51	458.00
TL13323	53.0	54.0	1328989	2.20	6.67	14.00	310.00	1.60	2.00	1.22	1.40	22.00	106.00	167.00	4.05	2.99		1.51	476.00
TL13323	54.0	55.5	1328991	0.50	7.21	23.00	360.00	1.60	2.00	1.29	0.50	19.00	123.00	56.00	4.06	3.36		1.84	535.00
TL13323	55.5	57.0	1328992	0.50	6.73	33.00	500.00	1.20	2.00	2.09	0.50	6.00	12.00	6.00	1.87	2.51		1.22	580.00
TL13323	57.0	58.5	1328993	0.50	7.65	33.00	580.00	1.10	2.00	2.34	0.50	5.00	10.00	2.00	2.03	3.50		1.40	653.00
TL13323	58.5	60.0	1328994	0.50	7.11	31.00	480.00	0.90	2.00	2.12	0.50	6.00	9.00	11.00	1.91	3.22		1.23	582.00
TL13323	60.0	61.4	1328996	0.50	6.80	37.00	520.00	0.90	2.00	2.09	0.50	6.00	10.00	2.00	1.86	3.14		1.19	500.00
TL13323	60.0	61.4	1328995	0.50	7.01	31.00	520.00	1.00	2.00	2.22	0.50	6.00	10.00	2.00	1.90	3.15		1.22	514.00
TL13323	61.4	63.0	1328997	3.60	6.98	34.00	560.00	1.00	2.00	1.70	0.90	7.00	10.00	12.00	2.21	3.32		1.11	446.00
TL13323	63.0	64.5	1328998	0.50	6.49	31.00	420.00	1.00	2.00	1.74	0.50	5.00	10.00	8.00	1.92	2.91		1.12	504.00
TL13323	64.5	66.0	1328999	5.60	6.94	35.00	430.00	1.10	2.00	1.71	0.50	5.00	9.00	9.00	1.94	3.23		1.14	583.00
TL13323	66.0	67.5	1259051	2.70	7.44	47.00	460.00	1.20	2.00	1.87	0.50	6.00	10.00	23.00	2.21	3.37		1.17	600.00
TL13323	67.5	69.0	1259052	0.50	7.58	41.00	530.00	1.00	2.00	2.43	0.50	6.00	11.00	13.00	2.04	3.43		1.23	534.00
TL13323	69.0	70.0	1259053	0.60	7.45	85.00	530.00	1.00	2.00	1.70	3.70	6.00	11.00	19.00	2.92	3.34		1.05	525.00
TL13323	70.0	71.0	1259054	0.50	7.51	56.00	530.00	1.10	2.00	2.20	0.50	5.00	11.00	10.00	2.11	3.26		1.39	769.00
TL13323	71.0	72.0	1259055	3.00	7.15	52.00	450.00	1.10	2.00	1.86	3.20	6.00	10.00	54.00	2.21	3.04		1.17	752.00
TL13323	72.0	73.0	1259056	72.40	7.05	37.00	470.00	1.10	2.00	1.64	0.50	4.00	9.00	27.00	1.86	3.19		1.05	688.00
TL13323	73.0	74.3	1259057	0.50	7.50	37.00	490.00	1.20	2.00	2.35	0.50	5.00	10.00	15.00	2.08	3.20		1.34	658.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13323	27.0	28.5	1328967	1.00	76.00	550.00	28.00	1.40	5.00			129.00		10.00	112.00	10.00		107.00
TL13323	28.5	30.0	1328968	1.00	59.00	490.00	24.00	2.08	5.00			97.00		10.00	91.00	10.00		219.00
TL13323	30.0	31.5	1328969	1.00	63.00	570.00	57.00	2.87	5.00			81.00		10.00	92.00	10.00		128.00
TL13323	31.5	33.0	1328971	1.00	76.00	550.00	37.00	2.79	5.00			98.00		10.00	104.00	10.00		403.00
TL13323	33.0	34.5	1328972	1.00	30.00	560.00	51.00	1.51	5.00			105.00		10.00	60.00	10.00		153.00
TL13323	34.5	36.0	1328973	1.00	22.00	550.00	11.00	1.31	5.00			103.00		10.00	57.00	10.00		40.00
TL13323	36.0	37.5	1328974	1.00	13.00	540.00	64.00	1.14	5.00			110.00		10.00	44.00	10.00		249.00
TL13323	37.5	39.0	1328976	1.00	4.00	560.00	21.00	0.91	5.00			95.00		10.00	35.00	10.00		137.00
TL13323	37.5	39.0	1328975	1.00	6.00	570.00	16.00	1.08	5.00			100.00		10.00	34.00	10.00		235.00
TL13323	39.0	40.5	1328977	1.00	5.00	590.00	72.00	0.94	5.00			119.00		10.00	36.00	10.00		171.00
TL13323	40.5	42.0	1328978	1.00	5.00	590.00	94.00	0.66	5.00			109.00		10.00	37.00	10.00		154.00
TL13323	42.0	43.5	1328979	1.00	49.00	570.00	56.00	1.28	5.00			98.00		10.00	79.00	10.00		144.00
TL13323	43.5	45.0	1328981	1.00	67.00	550.00	40.00	1.27	5.00			73.00		10.00	103.00	10.00		113.00
TL13323	45.0	46.0	1328982	1.00	74.00	550.00	228.00	2.38	5.00			63.00		10.00	106.00	10.00		2700.00
TL13323	46.0	47.0	1328983	1.00	78.00	560.00	46.00	2.25	5.00			53.00		10.00	98.00	10.00		81.00
TL13323	47.0	48.0	1328984	1.00	68.00	510.00	61.00	2.83	5.00			70.00		10.00	95.00	10.00		401.00
TL13323	48.0	49.5	1328985	1.00	70.00	530.00	22.00	1.33	5.00			50.00		10.00	102.00	10.00		76.00
TL13323	49.5	51.0	1328986	1.00	59.00	520.00	49.00	1.89	5.00			62.00		10.00	83.00	10.00		1080.00
TL13323	51.0	52.0	1328987	1.00	54.00	470.00	252.00	2.25	5.00			57.00		10.00	77.00	10.00		451.00
TL13323	52.0	53.0	1328988	1.00	55.00	530.00	46.00	0.88	5.00			60.00		10.00	87.00	10.00		71.00
TL13323	53.0	54.0	1328989	1.00	72.00	480.00	164.00	1.51	5.00			55.00		10.00	86.00	10.00		610.00
TL13323	54.0	55.5	1328991	1.00	66.00	500.00	56.00	1.62	5.00			64.00		10.00	94.00	10.00		102.00
TL13323	55.5	57.0	1328992	1.00	10.00	460.00	50.00	1.06	5.00			85.00		10.00	38.00	10.00		92.00
TL13323	57.0	58.5	1328993	1.00	9.00	580.00	52.00	1.14	5.00			83.00		10.00	40.00	10.00		103.00
TL13323	58.5	60.0	1328994	1.00	7.00	510.00	58.00	1.15	5.00			75.00		10.00	36.00	10.00		156.00
TL13323	60.0	61.4	1328996	1.00	7.00	480.00	96.00	1.11	5.00			78.00		10.00	35.00	10.00		72.00
TL13323	60.0	61.4	1328995	1.00	8.00	500.00	73.00	1.09	5.00			82.00		10.00	35.00	10.00		76.00
TL13323	61.4	63.0	1328997	1.00	9.00	500.00	357.00	1.70	5.00			68.00		10.00	36.00	10.00		327.00
TL13323	63.0	64.5	1328998	1.00	7.00	430.00	43.00	1.21	5.00			68.00		10.00	34.00	10.00		211.00
TL13323	64.5	66.0	1328999	1.00	7.00	500.00	52.00	1.30	5.00			74.00		10.00	36.00	10.00		269.00
TL13323	66.0	67.5	1259051	1.00	7.00	520.00	96.00	1.62	5.00			73.00		10.00	38.00	10.00		212.00
TL13323	67.5	69.0	1259052	1.00	7.00	530.00	46.00	1.16	5.00			94.00		10.00	38.00	10.00		67.00
TL13323	69.0	70.0	1259053	1.00	9.00	520.00	41.00	2.41	5.00			71.00		10.00	37.00	10.00		1505.00
TL13323	70.0	71.0	1259054	1.00	7.00	520.00	56.00	1.17	5.00			94.00		10.00	38.00	10.00		209.00
TL13323	71.0	72.0	1259055	1.00	7.00	480.00	382.00	1.54	5.00			59.00		10.00	35.00	10.00		1345.00
TL13323	72.0	73.0	1259056	1.00	6.00	480.00	329.00	1.19	6.00			53.00		10.00	35.00	10.00		148.00
TL13323	73.0	74.3	1259057	1.00	6.00	520.00	33.00	1.17	5.00			73.00		10.00	37.00	10.00		161.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13323	74.3	75.3	1259058	2.00	6.64	37.00	430.00	1.00	2.00	2.36	10.50	6.00	11.00	61.00	2.77	2.83		1.48	782.00
TL13323	75.3	76.5	1259059	0.50	7.44	29.00	470.00	1.10	2.00	2.85	0.50	5.00	10.00	27.00	1.94	3.34		1.61	727.00
TL13323	76.5	78.0	1259061	0.50	7.41	18.00	470.00	1.10	2.00	2.99	0.50	5.00	11.00	3.00	1.92	3.51		1.74	684.00
TL13323	78.0	79.5	1259062	0.50	7.80	8.00	430.00	1.20	2.00	2.20	0.80	9.00	51.00	23.00	2.57	3.05		1.77	700.00
TL13323	79.5	81.0	1259063	0.50	7.58	8.00	380.00	1.40	2.00	0.65	0.50	19.00	124.00	27.00	4.22	3.22		2.68	552.00
TL13323	81.0	82.0	1259064	0.50	7.55	5.00	410.00	1.50	2.00	1.18	0.50	18.00	126.00	29.00	3.99	2.91		2.75	698.00
TL13323	82.0	83.5	1259065	0.50	7.05	57.00	490.00	1.40	2.00	0.70	0.50	18.00	120.00	41.00	3.30	2.99		0.80	252.00
TL13323	82.0	83.5	1259066	0.50	6.92	59.00	500.00	1.30	2.00	0.75	0.50	20.00	113.00	44.00	3.57	2.89		0.82	264.00
TL13323	83.5	85.0	1259067	0.60	7.45	11.00	420.00	1.20	2.00	1.66	0.50	18.00	127.00	125.00	3.93	2.66		1.61	595.00
TL13323	85.0	86.5	1259068	0.50	7.26	21.00	340.00	1.20	2.00	1.85	0.50	16.00	112.00	49.00	3.71	2.31		1.44	584.00
TL13323	86.5	88.0	1259069	0.50	7.59	15.00	430.00	1.30	2.00	1.40	0.50	21.00	127.00	59.00	4.01	3.32		1.43	558.00
TL13323	88.0	88.9	1259071	0.60	7.85	18.00	420.00	1.40	4.00	1.97	0.50	18.00	124.00	54.00	3.98	3.19		1.46	656.00
TL13323	88.9	90.0	1259072	1.20	7.36	65.00	500.00	1.20	2.00	1.50	2.40	12.00	57.00	98.00	2.62	3.63		0.86	527.00
TL13323	90.0	91.0	1259073	0.50	7.50	21.00	450.00	1.20	2.00	3.40	0.50	5.00	9.00	36.00	2.05	3.19		1.58	1050.00
TL13323	91.0	92.0	1259074	0.90	7.41	56.00	540.00	1.30	2.00	2.20	5.50	9.00	24.00	75.00	2.54	3.34		1.16	757.00
TL13323	92.0	93.0	1259075	1.70	6.76	60.00	580.00	1.10	2.00	1.30	4.10	6.00	9.00	23.00	1.96	3.28		0.89	801.00
TL13323	93.0	94.0	1259076	0.50	6.39	62.00	540.00	1.00	2.00	0.91	1.20	5.00	8.00	7.00	1.67	3.12		0.67	534.00
TL13323	94.0	95.0	1259077	0.50	6.88	55.00	620.00	1.10	2.00	0.71	0.50	7.00	10.00	3.00	1.86	3.40		0.58	370.00
TL13323	95.0	96.0	1259078	0.50	7.89	33.00	670.00	1.20	2.00	2.24	0.50	6.00	10.00	5.00	2.04	3.43		1.21	736.00
TL13323	96.0	97.5	1259079	0.50	7.57	31.00	500.00	1.40	2.00	2.22	0.50	18.00	88.00	58.00	3.41	3.22		1.51	822.00
TL13323	97.5	99.0	1259081	1.10	7.02	93.00	420.00	1.50	2.00	1.02	1.40	18.00	111.00	68.00	2.91	3.33		0.80	404.00
TL13323	99.0	100.0	1259082	0.70	6.30	84.00	350.00	1.30	2.00	1.09	0.70	16.00	90.00	78.00	2.86	2.83		1.18	482.00
TL13323	100.0	101.0	1259083	2.10	5.74	68.00	360.00	1.20	2.00	0.71	1.70	11.00	87.00	115.00	1.93	2.75		0.60	279.00
TL13323	101.0	102.0	1259084	1.10	6.02	86.00	570.00	1.40	2.00	1.16	0.80	14.00	86.00	110.00	2.47	2.74		0.89	530.00
TL13323	102.0	103.0	1259086	1.70	5.31	7.00	430.00	2.60	2.00	3.74	0.70	10.00	60.00	61.00	3.26	2.29		2.13	1560.00
TL13323	102.0	103.0	1259085	0.80	5.25	11.00	440.00	2.70	2.00	3.38	0.60	10.00	55.00	56.00	3.06	2.33		1.90	1325.00
TL13323	103.0	104.5	1259087	0.50	6.94	7.00	660.00	2.50	2.00	3.39	0.50	5.00	8.00	12.00	2.49	2.61		1.70	766.00
TL13323	117.0	118.5	1259088	0.50	7.55	16.00	660.00	1.20	2.00	3.35	0.80	6.00	9.00	12.00	2.38	3.15		1.69	797.00
TL13323	118.5	120.0	1259089	0.50	7.64	16.00	540.00	1.60	2.00	2.42	1.30	17.00	85.00	42.00	3.56	2.93		1.55	698.00
TL13323	120.0	121.5	1259091	0.50	7.37	6.00	460.00	1.30	2.00	2.25	0.50	19.00	121.00	53.00	4.11	2.45		1.48	716.00
TL13323	121.5	123.0	1259092	1.00	7.89	6.00	470.00	1.60	2.00	1.64	0.70	19.00	125.00	56.00	4.46	2.98		1.61	615.00
TL13323	123.0	124.0	1259093	0.50	7.18	10.00	510.00	1.30	2.00	2.27	0.50	18.00	108.00	46.00	3.65	2.66		1.38	679.00
TL13323	124.0	125.0	1259094	1.60	6.80	110.00	500.00	1.30	2.00	1.74	7.40	21.00	109.00	77.00	4.88	2.91		1.07	621.00
TL13323	125.0	126.0	1259095	0.50	7.21	24.00	480.00	1.50	2.00	1.94	0.50	17.00	111.00	50.00	3.97	2.75		1.43	784.00
TL13323	126.0	127.0	1259096	1.30	7.43	65.00	670.00	1.60	2.00	1.55	0.60	20.00	120.00	95.00	4.31	3.25		1.31	570.00
TL13323	127.0	128.0	1259097	0.50	6.97	18.00	620.00	1.40	2.00	1.64	0.50	15.00	106.00	147.00	3.37	2.82		1.19	778.00
TL13323	128.0	129.0	1259098	0.50	7.05	16.00	490.00	1.30	2.00	2.14	0.50	16.00	111.00	61.00	3.74	2.81		1.48	864.00
TL13323	129.0	130.0	1259099	1.00	7.05	55.00	520.00	1.30	2.00	1.37	2.00	10.00	50.00	61.00	2.81	3.06		0.86	568.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13323	74.3	75.3	1259058	1.00	6.00	500.00	214.00	1.82	5.00			65.00		10.00	34.00	10.00		3260.00
TL13323	75.3	76.5	1259059	1.00	8.00	540.00	25.00	0.73	5.00			85.00		10.00	39.00	10.00		157.00
TL13323	76.5	78.0	1259061	1.00	8.00	530.00	16.00	0.45	5.00			83.00		10.00	38.00	10.00		36.00
TL13323	78.0	79.5	1259062	1.00	27.00	540.00	19.00	0.53	5.00			73.00		10.00	58.00	10.00		110.00
TL13323	79.5	81.0	1259063	1.00	61.00	540.00	30.00	1.01	5.00			42.00		10.00	92.00	10.00		85.00
TL13323	81.0	82.0	1259064	1.00	56.00	570.00	47.00	0.95	5.00			65.00		10.00	84.00	10.00		86.00
TL13323	82.0	83.5	1259065	4.00	58.00	470.00	73.00	2.25	5.00			53.00		10.00	98.00	10.00		167.00
TL13323	82.0	83.5	1259066	4.00	60.00	450.00	74.00	2.49	5.00			53.00		10.00	94.00	10.00		123.00
TL13323	83.5	85.0	1259067	1.00	59.00	560.00	66.00	1.01	5.00			86.00		10.00	90.00	10.00		161.00
TL13323	85.0	86.5	1259068	1.00	51.00	530.00	52.00	1.07	5.00			91.00		10.00	78.00	10.00		93.00
TL13323	86.5	88.0	1259069	1.00	67.00	570.00	70.00	1.03	5.00			87.00		10.00	100.00	10.00		108.00
TL13323	88.0	88.9	1259071	1.00	57.00	610.00	53.00	0.98	5.00			90.00		10.00	96.00	10.00		125.00
TL13323	88.9	90.0	1259072	1.00	38.00	510.00	154.00	1.81	5.00			51.00		10.00	66.00	10.00		763.00
TL13323	90.0	91.0	1259073	1.00	8.00	540.00	178.00	0.30	5.00			89.00		10.00	38.00	10.00		148.00
TL13323	91.0	92.0	1259074	1.00	19.00	530.00	336.00	1.41	5.00			65.00		10.00	48.00	10.00		1660.00
TL13323	92.0	93.0	1259075	1.00	8.00	490.00	546.00	1.47	7.00			52.00		10.00	37.00	10.00		1165.00
TL13323	93.0	94.0	1259076	1.00	9.00	450.00	225.00	1.28	5.00			39.00		10.00	33.00	10.00		427.00
TL13323	94.0	95.0	1259077	1.00	8.00	480.00	169.00	1.51	5.00			44.00		10.00	35.00	10.00		140.00
TL13323	95.0	96.0	1259078	1.00	7.00	540.00	30.00	0.98	5.00			92.00		10.00	40.00	10.00		75.00
TL13323	96.0	97.5	1259079	1.00	51.00	760.00	25.00	0.90	5.00			98.00		10.00	80.00	10.00		118.00
TL13323	97.5	99.0	1259081	1.00	56.00	520.00	178.00	1.94	5.00			50.00		10.00	87.00	10.00		609.00
TL13323	99.0	100.0	1259082	3.00	43.00	480.00	110.00	1.90	5.00			54.00		10.00	71.00	10.00		330.00
TL13323	100.0	101.0	1259083	6.00	35.00	460.00	285.00	1.62	5.00			51.00		10.00	66.00	10.00		614.00
TL13323	101.0	102.0	1259084	3.00	45.00	450.00	78.00	2.16	5.00			75.00		10.00	72.00	10.00		276.00
TL13323	102.0	103.0	1259086	2.00	33.00	440.00	148.00	1.54	5.00			112.00		10.00	52.00	10.00		301.00
TL13323	102.0	103.0	1259085	1.00	29.00	410.00	89.00	1.41	5.00			114.00		10.00	48.00	10.00		226.00
TL13323	103.0	104.5	1259087	1.00	7.00	500.00	21.00	0.83	5.00			170.00		10.00	34.00	10.00		159.00
TL13323	117.0	118.5	1259088	1.00	8.00	520.00	23.00	0.87	5.00			169.00		10.00	38.00	10.00		442.00
TL13323	118.5	120.0	1259089	5.00	48.00	540.00	98.00	0.75	5.00			151.00		10.00	81.00	10.00		672.00
TL13323	120.0	121.5	1259091	1.00	60.00	580.00	33.00	0.72	5.00			152.00		10.00	88.00	10.00		135.00
TL13323	121.5	123.0	1259092	1.00	65.00	640.00	381.00	0.81	5.00			128.00		10.00	97.00	10.00		259.00
TL13323	123.0	124.0	1259093	1.00	55.00	560.00	33.00	0.76	5.00			144.00		10.00	86.00	10.00		70.00
TL13323	124.0	125.0	1259094	1.00	64.00	530.00	506.00	3.84	5.00			129.00		10.00	84.00	10.00		2340.00
TL13323	125.0	126.0	1259095	1.00	61.00	540.00	44.00	1.00	5.00			134.00		10.00	90.00	10.00		95.00
TL13323	126.0	127.0	1259096	1.00	68.00	560.00	289.00	2.20	5.00			124.00		10.00	102.00	10.00		329.00
TL13323	127.0	128.0	1259097	1.00	51.00	510.00	88.00	1.43	5.00			120.00		10.00	82.00	10.00		236.00
TL13323	128.0	129.0	1259098	1.00	52.00	550.00	52.00	1.07	5.00			130.00		10.00	87.00	10.00		156.00
TL13323	129.0	130.0	1259099	1.00	30.00	440.00	414.00	1.69	5.00			108.00		10.00	55.00	10.00		698.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13323	130.0	131.0	1259101	0.50	7.14	7.00	420.00	1.50	2.00	1.80	0.50	16.00	105.00	42.00	3.52	2.46		1.44	510.00
TL13323	131.0	132.5	1259102	0.50	7.24	5.00	360.00	1.50	2.00	1.52	0.50	18.00	116.00	46.00	3.72	2.18		1.41	538.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13323	130.0	131.0	1259101	1.00	53.00	490.00	26.00	0.48	5.00			123.00		10.00	80.00	10.00		100.00
TL13323	131.0	132.5	1259102	1.00	59.00	510.00	22.00	0.49	5.00			106.00		10.00	87.00	10.00		109.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13323	13.5	29.0	15.5	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13323	13.5	61.4	47.9	PO	BLB	0.1	Trace po blebs
TL13323	29.0	33.8	4.8	PY	DISS	5	4-5% diss. py, local blebs and stringers
TL13323	33.8	46.5	12.8	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13323	38.0	45.0	7.0	SPH	ST	0.1	Trace to 1% sph stringers
TL13323	45.0	54.5	9.5	PB	BLB	0.1	Trace gn blebs associated with sph/py stringers
TL13323	45.0	54.5	9.5	SPH	ST	1	Interval with common sph stringers found within dark looking sr patches and translucent qz veins
TL13323	46.5	61.4	14.9	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13323	61.4	75.3	13.9	SPH	ST	2	1-2% sph stringers
TL13323	61.4	75.3	13.9	PY	DISS	4	3-4% diss. py, common stringers and blebs often associated with other mineralization
TL13323	61.4	75.3	13.9	PO	BLB	0.1	Trace to 1% po blebs associated with some py/sph stringers
TL13323	61.4	75.3	13.9	CP	BLB	0.1	Trace cpy blebs associated with sph/py stringers
TL13323	61.4	75.3	13.9	PB	BLB	1	Trace to 1% gn blebs associated with some sph stringers
TL13323	75.3	82.2	6.9	PY	DISS	2	1-2% diss. py
TL13323	75.3	88.9	13.6	PO	BLB	1	Trace to 1% po blebs
TL13323	82.2	83.3	1.1	PY	DISS	5	4-5% diss. py, abundant blebs, within a darker looking sr patch
TL13323	88.9	102.8	13.9	CP	BLB	0.1	Trace cpy blebs associated with sph stringers
TL13323	88.9	102.8	13.9	PB	BLB	0.1	Trace gn blebs associated with sph stringers
TL13323	88.9	102.8	13.9	SPH	ST	2	1-2% sph stringers, spread throughout unit
TL13323	88.9	102.8	13.9	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13323	102.8	124.0	21.2	SPH	ST	0.1	Trace sph stringers
TL13323	102.8	124.0	21.2	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13323	124.0	130.0	6.0	SPH	ST	3	2-3% sph stringers associated with qz veins and increased py
TL13323	124.0	130.0	6.0	PB	BLB	1	1% gn blebs associated with sph stringers
TL13323	124.0	130.0	6.0	CP	BLB	0.1	Trace cpy blebs associated with sph/py stringers
TL13323	124.0	130.0	6.0	PO	BLB	1	Trace to 1% po blebs, usually within or around qz veins with py
TL13323	124.0	130.0	6.0	PY	DISS	8	7-8% diss. py, abundant blebs and stringers
TL13323	130.0	150.0	20.1	PY	DISS	1	1% diss. py, uncommon blebs and stringers
TL13323	130.0	150.0	20.1	PO	BLB	0.1	Trace po blebs and stringers, usually near qz veins

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13323	13.5	14.6	1.1	FTZ	Moderate		Fractured zone with minor unlithified fault gouge, possible fault
TL13323	13.5	30.0	16.5	FOL	Moderate	60	
TL13323	27.0	45.0	18.0	FR	Moderate	30	Common fracture set 20-40 deg TCA, x-cut foliation, minor marinal alt, some infilled with qz/carb
TL13323	30.0	61.4	31.4	FOL	Moderate	62	60-65 deg TCA
TL13323	45.0	61.4	16.4	FR	Weak	40	Weak fracture set 20-60 deg TCA, minor marginal alt.
TL13323	54.5	54.6	0.1	SHZ	Moderate	60	Small interval with increased shearing of foliation semi-parallel to foliation
TL13323	61.4	75.3	13.9	FOL	Moderate	65	
TL13323	61.4	75.3	13.9	FR	Weak	30	Weak fracture set 20-40 deg TCA, x-cut foliation, minor marinal alt, some infilled with qz
TL13323	61.4	75.3	13.9	Fold	Moderate	20	Drag fold adjacent to qz vein, axial plane 20 deg TCA
TL13323	75.3	88.9	13.6	FR	Weak	30	Weak fracture set 20-40 deg TCA, x-cut foliation, minor marinal alt, some infilled with qz
TL13323	75.3	88.9	13.6	FOL	Moderate	65	
TL13323	78.9	79.0	0.1	Fold	Moderate	50	F2 fold, axial plane 50 deg TCA
TL13323	88.9	102.8	13.9	FR	Weak	30	Fracture set 20-40 deg TCA, x-cut foliation, minor marinal alt, some infilled with qz/carb
TL13323	88.9	102.8	13.9	FOL	Moderate	67	65-70 deg TCA
TL13323	94.2	94.3	0.1	Fold	Moderate	60	Fold adjacent to qz vein, axial plane 60 deg TCA
TL13323	102.8	109.0	6.3	FR	Moderate	30	Abundant fracturing with weak to moderate chl/sr alteration, 20-40 deg TCA
TL13323	102.8	124.0	21.2	FOL	Moderate	62	60-65 deg TCA
TL13323	109.0	124.0	15.0	FR	Very Weak	30	Weak fracture set 20-40 deg TCA, x-cut foliation, minor marinal alt, some infilled with qz
TL13323	124.0	130.0	6.0	Fold	Moderate		F2 fold, axial plane 45 deg TCA
TL13323	124.0	130.0	6.0	FR	Weak	30	Weak fracture set 20-40 deg TCA, x-cut foliation, minor marinal alt, some infilled with qz
TL13323	124.0	130.0	6.0	FOL	Moderate	65	
TL13323	130.0	150.0	20.1	FR	Weak	45	Fracture set 30-60 deg TCA, minor marginal alt
TL13323	130.0	150.0	20.1	FOL	Moderate	67	65-70 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13323	13.5	21.0	7.5	SR	Patchy	Moderate	Semi-pervasive sericite, 50% sr 50% bio
TL13323	13.5	61.4	47.9	SI	Pervasive	Moderate	Moderate silicification
TL13323	21.0	42.0	21.0	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13323	36.0	39.5	3.5	CH	Fract-Cont	Weak	Weak chl fracture alteration around increased fracturing
TL13323	36.0	39.5	3.5	SI	Fract-Cont	Strong	Strong si fracture alteration around increased fracturing
TL13323	42.0	61.4	19.4	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio, sericite patches have a dark appearance
TL13323	61.4	75.3	13.9	SI	Pervasive	Weak	Weak silicification
TL13323	61.4	75.3	13.9	SR	Patchy	Moderate	Semi-pervasive sericite, 45% sr 65% bio
TL13323	75.3	88.9	13.6	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio, sr patches have a darker look to them
TL13323	75.3	88.9	13.6	SI	Pervasive	Very Weak	Weak silicification
TL13323	88.9	102.8	13.9	SI	Pervasive	Weak	Weak to moderate silicification
TL13323	88.9	102.8	13.9	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13323	102.8	108.0	5.3	SR	Patchy	Weak	Semi-pervasive sericite, 15% sr 85% bio, less patchy than normal, also overprinted by fracturing
TL13323	102.8	109.0	6.3	CH	Fract-Cont	Weak	Weak fracture controlled chl alt.
TL13323	102.8	109.0	6.3	SR	Fract-Cont	Weak	Weak fracture controlled sr alt.
TL13323	102.8	124.0	21.2	SI	Pervasive	Moderate	Moderate to strong silicification
TL13323	108.0	119.0	11.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13323	119.0	124.0	5.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio
TL13323	124.0	130.0	6.0	SI	Pervasive	Moderate	Moderate silicification
TL13323	124.0	130.0	6.0	SR	Patchy	Weak	Semi-pervasive sericite, 30% sr 70% bio
TL13323	130.0	150.0	20.1	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio
TL13323	130.0	150.0	20.1	SI	Pervasive	Weak	Weak to moderate silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13323	15	18	3	2.75	1.26	91.67	42	28	
TL13323	18	21	3	2.98	2.76	99.33	92	11	
TL13323	21	24	3	3	2.85	100	95	8	
TL13323	24	27	3	3.05	2.97	101.67	99	10	
TL13323	27	30	3	3.04	2.62	101.33	87.33	16	
TL13323	30	33	3	2.94	2.21	98	73.67	18	
TL13323	33	36	3	3.05	2.15	101.67	71.67	19	
TL13323	36	39	3	2.98	2.58	99.33	86	12	
TL13323	39	42	3	3	2.69	100	89.67	12	
TL13323	42	45	3	3.03	1.61	101	53.67	31	
TL13323	45	48	3	3.05	2.53	101.67	84.33	19	
TL13323	48	51	3	2.88	1.99	96	66.33	23	
TL13323	51	54	3	3.01	2.18	100.33	72.67	21	
TL13323	54	57	3	2.97	2.33	99	77.67	25	
TL13323	57	60	3	2.9	2.67	96.67	89	10	
TL13323	60	63	3	2.99	2.84	99.67	94.67	11	
TL13323	63	66	3	3	2.72	100	90.67	12	
TL13323	66	69	3	3.05	2.84	101.67	94.67	11	
TL13323	69	72	3	2.89	2.67	96.33	89	10	
TL13323	72	75	3	2.96	2.75	98.67	91.67	8	
TL13323	75	78	3	3.05	2.98	101.67	99.33	9	
TL13323	78	81	3	2.97	2.71	99	90.33	19	
TL13323	81	84	3	2.96	1.83	98.67	61	28	
TL13323	84	87	3	2.95	2.15	98.33	71.67	14	
TL13323	87	90	3	3.01	2.66	100.33	88.67	16	
TL13323	90	93	3	3	3	100	100	10	
TL13323	93	96	3	2.95	2.76	98.33	92	6	
TL13323	96	99	3	2.97	2.46	99	82	23	
TL13323	99	102	3	2.92	2.81	97.33	93.67	13	
TL13323	102	105	3	3	2.63	100	87.67	12	
TL13323	105	108	3	2.87	2.1	95.67	70	12	
TL13323	108	111	3	3.13	2.27	104.33	75.67	18	
TL13323	111	114	3	2.98	2.91	99.33	97	5	
TL13323	114	117	3	2.98	2.79	99.33	93	10	
TL13323	117	120	3	2.99	2.92	99.67	97.33	9	
TL13323	120	123	3	2.96	2.77	98.67	92.33	9	
TL13323	123	126	3	3.02	2.95	100.67	98.33	9	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13323	126	129	3	2.92	2.41	97.33	80.33	14	
TL13323	129	132	3	3.01	2.3	100.33	76.67	19	
TL13323	132	135	3	2.97	2.8	99	93.33	14	
TL13323	135	138	3	2.98	2.65	99.33	88.33	13	
TL13323	138	141	3	2.95	2.18	98.33	72.67	16	
TL13323	141	144	3	2.98	2.52	99.33	84	12	
TL13323	144	147	3	2.9	2.35	96.67	78.33	19	
TL13323	147	150	3	2.99	2.3	99.67	76.67	14	

Hole Number: TL13324

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
12.50	30.15	BMS, Biotite Muscovite Schist BMS with moderate to strong sr/si alteration. Transitional to Main zone	1259103	12.50	13.50	1.00	0.05				
			1259104	13.50	15.00	1.50	0.02				
			1259105	15.00	16.50	1.50	0.02				
			1259106	16.50	18.00	1.50	0.04				
			1259107	18.00	19.50	1.50	0.01				
			1259108	19.50	21.00	1.50	0.01				
			1259109	21.00	22.50	1.50	0.01				
			1259111	22.50	24.00	1.50	0.01				
			1259112	24.00	25.50	1.50	0.06				
			1259113	25.50	27.00	1.50	0.01				
			1259114	27.00	28.50	1.50	0.03				
			1259115	28.50	30.00	1.50	0.08				
			1259116	30.00	31.00	1.00	0.08				
30.15	55.60	MSS, Muscovite Sericite Schist Strong si/sr altered MSS Main zone Abundant mineralization in condensed stringers and around deformed qz vein near top contact Best intervals from 31.10-40.5m Mineralization significantly decreases after that point and the alteration transitions out to BMS	1259117	31.00	32.00	1.00	3.23				
			1259118	32.00	33.00	1.00	1.93				
			1259119	33.00	34.00	1.00	0.47				
			1259121	34.00	35.00	1.00	0.72				
			1259122	35.00	36.00	1.00	0.05				
			1259123	36.00	37.00	1.00	0.45				
			1259124	37.00	38.00	1.00	0.65				
			1259125	38.00	39.00	1.00	1.14				
			1259126	38.00	39.00	1.00	1.07				
			1259127	39.00	40.50	1.50	3.33				
			1259128	40.50	42.00	1.50	0.14				
			1259129	42.00	43.00	1.00	0.26				
			1259131	43.00	44.00	1.00	0.25				
			1259132	44.00	45.00	1.00	0.82				
			1259133	45.00	46.50	1.50	0.63				
			1259134	46.50	48.00	1.50	0.29				
			1259135	48.00	49.50	1.50	0.45				
1259136	49.50	51.00	1.50	3.36							
1259137	51.00	52.50	1.50	0.07							
1259138	52.50	54.00	1.50	0.05							
1259139	54.00	55.50	1.50	0.03							
1259141	55.50	57.00	1.50	0.05							
55.60	62.05	BMS, Biotite Muscovite Schist Small BMS, weak to moderate sr and strong silicification. Between Main and possible B-zone alt	1259142	57.00	58.50	1.50	0.03				
			1259143	58.50	60.00	1.50	0.05				
			1259144	60.00	61.00	1.00	0.06				
			1259145	61.00	62.00	1.00	0.07				
			1259146	61.00	62.00	1.00	0.06				
			1259147	62.00	63.00	1.00	3.36				

DETAILED LOG

Hole Number: TL13324

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
62.05	71.90	MSS, Muscovite Sericite Schist Small MSS B-zone, strong sr/si alteration Slightly increased py mineralization in some areas with trace sph.	1259148	63.00	64.00	1.00	0.27				
			1259149	64.00	65.00	1.00	4.54				
			1259151	65.00	66.00	1.00	0.32				
			1259152	66.00	67.50	1.50	0.51				
			1259153	67.50	69.00	1.50	0.59				
			1259154	69.00	70.50	1.50	0.09				
			1259155	70.50	72.00	1.50	0.08				
71.90	124.15	BMS, Biotite Muscovite Schist Large BMS that has weak to very weak sr alt and moderate to strong silicification. Poorly mineralized with a few uncommon stringers	1259156	72.00	73.50	1.50	0.07				
			1259157	115.00	116.50	1.50	0.18				
			1259158	116.50	117.50	1.00	0.53				
			1259159	117.50	118.50	1.00	0.03				
			1259161	118.50	120.00	1.50	0.14				
			1259162	120.00	121.50	1.50	0.04				
			1259163	121.50	123.00	1.50	0.02				
			1259164	123.00	124.00	1.00	0.02				
			1259165	124.00	125.00	1.00	0.03				
124.15	128.50	MSS, Muscovite Sericite Schist Small MSS FW zone	1259166	124.00	125.00	1.00	0.03				
			1259167	125.00	126.00	1.00	0.03				
			1259168	126.00	127.00	1.00	0.04				
			1259169	127.00	128.50	1.50	0.05				

DETAILED LOG

Hole Number: TL13324

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
128.50	168.70	BMS, Biotite Muscovite Schist Dark BMS with overall weak sr/si alteration. Abundant mineralization within a few intervals where the C-zone wireframe is interpreted to pass through on section. Best intervals from 141.20-141.40m and 149.90-155.10m	1259171	128.50	129.50	1.00	0.02				
			1259172	129.50	131.00	1.50	0.12				
			1259173	131.00	132.00	1.00	0.05				
			1259174	132.00	133.00	1.00	0.09				
			1259175	133.00	134.00	1.00	0.27				
			1259176	134.00	135.00	1.00	0.07				
			1259177	135.00	136.50	1.50	0.06				
			1259178	136.50	138.00	1.50	0.08				
			1259179	138.00	139.50	1.50	0.09				
			1259181	139.50	140.50	1.00	0.18				
			1259182	140.50	141.50	1.00	1.85				
			1259183	141.50	142.50	1.00	1.64				
			1259184	142.50	144.00	1.50	1.24				
			1259185	144.00	145.50	1.50	0.55				
			1259186	144.00	145.50	1.50	0.91				
			1259187	145.50	147.00	1.50	0.60				
			1259188	147.00	148.00	1.00	0.10				
			1259189	148.00	149.00	1.00	0.18				
			1259191	149.00	150.00	1.00	16.97			14.35	
			1259192	150.00	151.00	1.00	0.19				
		1259193	151.00	152.00	1.00	1.64					
		1259194	152.00	153.00	1.00	0.29					
		1259195	153.00	154.50	1.50	0.91					
		1259196	154.50	155.50	1.00	2.11					
		1259197	155.50	156.50	1.00	0.30					
		1259198	156.50	157.50	1.00	0.31					
		1259199	157.50	159.00	1.50	0.02					
		1259201	167.20	168.70	1.50	0.18					
168.70	186.30	MSS, Muscovite Sericite Schist Moderately altered MSS C/D? zone Slightly elevated mineralization with Sph/py stringers distributed through zone, trace cpy/gn	1259202	168.70	170.00	1.30	2.26				
			1259203	170.00	171.00	1.00	0.30				
			1259204	171.00	172.50	1.50	0.33				
			1259205	172.50	174.00	1.50	0.57				
			1259206	172.50	174.00	1.50	0.52				
			1259207	174.00	175.50	1.50	0.08				
			1259208	175.50	177.00	1.50	0.13				
			1259209	177.00	178.50	1.50	0.09				
			1259211	178.50	180.00	1.50	0.03				
			1259212	180.00	181.50	1.50	0.10				
			1259213	181.50	183.00	1.50	0.27				
			1259214	183.00	184.50	1.50	0.25				
			1259215	184.50	185.50	1.00	0.16				
			1259216	185.50	186.50	1.00	0.37				

Hole Number: TL13324

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
186.30	192.00	BMS, Biotite Muscovite Schist	1259217	186.50	188.00	1.50	0.03				
		BMS with weak sr and moderate si alt.	1259218	188.00	189.00	1.00	0.66				
		Slightly elevated mineralization with sph/py stringers spread through interval and trace cpy/gn	1259219	189.00	190.50	1.50	0.03				
			1259221	190.50	192.00	1.50	0.14				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259103	12.50	13.50	0.0540				
1259104	13.50	15.00	0.0230				
1259105	15.00	16.50	0.0150				
1259106	16.50	18.00	0.0420				
1259107	18.00	19.50	0.0130				
1259108	19.50	21.00	0.0120				
1259109	21.00	22.50	0.0060				
1259111	22.50	24.00	0.0090				
1259112	24.00	25.50	0.0620				
1259113	25.50	27.00	0.0120				
1259114	27.00	28.50	0.0260				
1259115	28.50	30.00	0.0750				
1259116	30.00	31.00	0.0780				
1259117	31.00	32.00	3.2270				
1259118	32.00	33.00	1.9320				
1259119	33.00	34.00	0.4740				
1259121	34.00	35.00	0.7190				
1259122	35.00	36.00	0.0480				
1259123	36.00	37.00	0.4450				
1259124	37.00	38.00	0.6520				
1259125	38.00	39.00	1.1420				
1259127	39.00	40.50	3.3260				
1259128	40.50	42.00	0.1400				
1259129	42.00	43.00	0.2640				
1259131	43.00	44.00	0.2520				
1259132	44.00	45.00	0.8190				
1259133	45.00	46.50	0.6340				
1259134	46.50	48.00	0.2900				
1259135	48.00	49.50	0.4480				
1259136	49.50	51.00	3.3600				
1259137	51.00	52.50	0.0680				
1259138	52.50	54.00	0.0450				

Hole Number: TL13324

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259139	54.00	55.50	0.0330				
1259141	55.50	57.00	0.0530				
1259142	57.00	58.50	0.0340				
1259143	58.50	60.00	0.0480				
1259144	60.00	61.00	0.0610				
1259145	61.00	62.00	0.0660				
1259147	62.00	63.00	3.3620				
1259148	63.00	64.00	0.2740				
1259149	64.00	65.00	4.5390				
1259151	65.00	66.00	0.3230				
1259152	66.00	67.50	0.5080				
1259153	67.50	69.00	0.5930				
1259154	69.00	70.50	0.0900				
1259155	70.50	72.00	0.0750				
1259156	72.00	73.50	0.0680				
1259157	115.00	116.50	0.1830				
1259158	116.50	117.50	0.5290				
1259159	117.50	118.50	0.0310				
1259161	118.50	120.00	0.1370				
1259162	120.00	121.50	0.0390				
1259163	121.50	123.00	0.0210				
1259164	123.00	124.00	0.0170				
1259165	124.00	125.00	0.0280				
1259167	125.00	126.00	0.0300				
1259168	126.00	127.00	0.0430				
1259169	127.00	128.50	0.0480				
1259171	128.50	129.50	0.0210				
1259172	129.50	131.00	0.1180				
1259173	131.00	132.00	0.0500				
1259174	132.00	133.00	0.0930				
1259175	133.00	134.00	0.2650				
1259176	134.00	135.00	0.0680				
1259177	135.00	136.50	0.0600				
1259178	136.50	138.00	0.0750				
1259179	138.00	139.50	0.0890				
1259181	139.50	140.50	0.1760				
1259182	140.50	141.50	1.8540				
1259183	141.50	142.50	1.6380				
1259184	142.50	144.00	1.2380				

Hole Number: TL13324

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259185	144.00	145.50	0.5460				
1259187	145.50	147.00	0.6020				
1259188	147.00	148.00	0.1020				
1259189	148.00	149.00	0.1790				
1259191	149.00	150.00	16.9740			14.3450	
1259192	150.00	151.00	0.1890				
1259193	151.00	152.00	1.6420				
1259194	152.00	153.00	0.2910				
1259195	153.00	154.50	0.9130				
1259196	154.50	155.50	2.1060				
1259197	155.50	156.50	0.3010				
1259198	156.50	157.50	0.3140				
1259199	157.50	159.00	0.0240				
1259201	167.20	168.70	0.1760				
1259202	168.70	170.00	2.2600				
1259203	170.00	171.00	0.2950				
1259204	171.00	172.50	0.3320				
1259205	172.50	174.00	0.5710				
1259207	174.00	175.50	0.0790				
1259208	175.50	177.00	0.1290				
1259209	177.00	178.50	0.0870				
1259211	178.50	180.00	0.0280				
1259212	180.00	181.50	0.1020				
1259213	181.50	183.00	0.2720				
1259214	183.00	184.50	0.2480				
1259215	184.50	185.50	0.1630				
1259216	185.50	186.50	0.3740				
1259217	186.50	188.00	0.0320				
1259218	188.00	189.00	0.6560				
1259219	189.00	190.50	0.0340				
1259221	190.50	192.00	0.1420				
Sample Type	CDUP						
1259126	38.00	39.00	1.0670				
1259146	61.00	62.00	0.0600				
1259166	124.00	125.00	0.0330				
1259186	144.00	145.50	0.9140				
1259206	172.50	174.00	0.5230				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13324	12.5	13.5	1259103	2.00	1.88	7.00	383.00	3.00	3.00	1.00	2.00	9.00	24.00	11.00	1.66	0.01	18.00	0.49	601.00
TL13324	13.5	15.0	1259104	2.00	1.12	13.00	326.00	3.00	0.50	0.33	2.00	11.00	26.00	11.00	1.61	0.01	18.00	0.31	339.00
TL13324	15.0	16.5	1259105	0.50	0.01	8.00	88.00	1.00	7.00	0.45	2.00	9.00	28.00	9.00	1.70	0.01	0.50	0.52	326.00
TL13324	16.5	18.0	1259106	0.50	3.98	10.00	317.00	1.00	9.00	1.47	2.00	8.00	23.00	8.00	1.86	0.04	12.00	0.94	630.00
TL13324	18.0	19.5	1259107	1.00	2.60	10.00	479.00	2.00	4.00	1.16	2.00	12.00	32.00	11.00	0.94	0.06	20.00	0.55	352.00
TL13324	19.5	21.0	1259108	1.00	3.04	6.00	508.00	1.00	6.00	0.98	2.00	10.00	31.00	6.00	0.97	0.01	21.00	0.59	349.00
TL13324	21.0	22.5	1259109	1.00	2.95	5.00	432.00	1.00	28.00	1.48	2.00	10.00	29.00	9.00	1.12	0.01	19.00	0.58	415.00
TL13324	22.5	24.0	1259111	2.00	1.12	4.00	103.00	1.00	0.50	0.30	2.00	6.00	46.00	6.00	0.68	0.01	14.00	0.25	240.00
TL13324	24.0	25.5	1259112	1.00	12.10	27.00	491.00	2.00	21.00	1.98	2.00	5.00	54.00	11.00	0.98	1.85	48.00	0.97	439.00
TL13324	25.5	27.0	1259113	0.50	5.22	3.00	484.00	1.00	17.00	1.38	2.00	6.00	33.00	11.00	1.20	0.01	18.00	1.10	456.00
TL13324	27.0	28.5	1259114	2.00	3.40	10.00	417.00	2.00	23.00	1.04	2.00	7.00	32.00	33.00	1.39	0.01	20.00	0.68	604.00
TL13324	28.5	30.0	1259115	2.00	3.50	25.00	413.00	1.00	14.00	0.65	2.00	6.00	27.00	25.00	1.50	0.01	19.00	0.63	534.00
TL13324	30.0	31.0	1259116	4.00	3.57	21.00	336.00	1.00	14.00	0.52	2.00	7.00	35.00	20.00	2.10	0.01	19.00	0.65	560.00
TL13324	31.0	32.0	1259117	96.00	2.72	63.00	118.00	2.00	12.00	0.30	50.00	13.00	25.00	3027.00	4.28	0.01	15.00	0.56	571.00
TL13324	32.0	33.0	1259118	11.00	1.82	52.00	155.00	1.00	10.00	0.01	21.00	7.00	33.00	173.00	2.39	0.01	13.00	0.37	258.00
TL13324	33.0	34.0	1259119	5.00	1.88	65.00	222.00	1.00	30.00	0.46	7.00	7.00	46.00	59.00	2.84	0.01	12.00	0.48	479.00
TL13324	34.0	35.0	1259121	3.00	2.33	40.00	427.00	1.00	2.00	0.24	7.00	6.00	26.00	54.00	1.72	0.01	13.00	0.47	343.00
TL13324	35.0	36.0	1259122	1.00	1.81	19.00	335.00	2.00	0.50	0.66	2.00	5.00	29.00	8.00	1.21	0.01	13.00	0.57	609.00
TL13324	36.0	37.0	1259123	3.00	1.36	43.00	383.00	1.00	0.50	0.01	2.00	5.00	35.00	52.00	1.76	0.01	13.00	0.33	176.00
TL13324	37.0	38.0	1259124	4.00	1.26	30.00	460.00	1.00	15.00	0.01	6.00	5.00	30.00	20.00	1.38	0.01	11.00	0.29	50.00
TL13324	38.0	39.0	1259126	7.00	2.93	46.00	287.00	1.00	6.00	0.33	5.00	5.00	35.00	57.00	1.51	0.01	14.00	0.54	335.00
TL13324	38.0	39.0	1259125	5.00	3.08	45.00	300.00	1.00	14.00	0.31	2.00	5.00	46.00	52.00	1.59	0.01	13.00	0.53	328.00
TL13324	39.0	40.5	1259127	11.00	2.76	64.00	247.00	2.00	20.00	0.01	13.00	6.00	32.00	83.00	2.98	0.13	16.00	0.37	162.00
TL13324	40.5	42.0	1259128	2.00	2.57	26.00	236.00	2.00	0.50	0.62	2.00	8.00	34.00	4.00	1.14	0.01	17.00	0.58	489.00
TL13324	42.0	43.0	1259129	4.00	2.88	35.00	296.00	1.00	13.00	0.17	2.00	9.00	27.00	13.00	1.14	0.01	19.00	0.39	256.00
TL13324	43.0	44.0	1259131	2.00	1.87	26.00	263.00	2.00	9.00	0.13	2.00	10.00	22.00	21.00	0.86	0.04	12.00	0.39	256.00
TL13324	44.0	45.0	1259132	7.00	2.32	24.00	336.00	1.00	17.00	0.01	4.00	7.00	22.00	94.00	0.91	0.01	18.00	0.35	165.00
TL13324	45.0	46.5	1259133	2.00	1.67	20.00	290.00	2.00	12.00	0.30	2.00	8.00	36.00	46.00	1.54	0.01	17.00	0.46	541.00
TL13324	46.5	48.0	1259134	2.00	2.14	30.00	203.00	1.00	10.00	0.28	2.00	9.00	41.00	24.00	1.54	0.01	15.00	0.48	553.00
TL13324	48.0	49.5	1259135	2.00	12.88	39.00	445.00	1.00	13.00	1.36	2.00	8.00	52.00	22.00	1.36	1.80	52.00	0.66	337.00
TL13324	49.5	51.0	1259136	2.00	3.97	25.00	269.00	2.00	12.00	0.42	2.00	12.00	33.00	33.00	1.61	0.01	21.00	0.71	616.00
TL13324	51.0	52.5	1259137	2.00	5.19	23.00	273.00	1.00	23.00	0.35	2.00	12.00	29.00	51.00	1.43	0.01	21.00	0.77	489.00
TL13324	52.5	54.0	1259138	1.00	4.50	14.00	268.00	1.00	13.00	0.50	2.00	10.00	30.00	20.00	1.25	0.01	21.00	0.62	518.00
TL13324	54.0	55.5	1259139	1.00	3.48	17.00	187.00	1.00	8.00	0.64	2.00	9.00	36.00	13.00	1.33	0.01	18.00	0.58	514.00
TL13324	55.5	57.0	1259141	2.00	3.53	9.00	200.00	1.00	4.00	0.61	2.00	11.00	34.00	17.00	1.47	0.01	20.00	0.73	652.00
TL13324	57.0	58.5	1259142	2.00	3.32	13.00	145.00	2.00	0.50	0.68	2.00	6.00	36.00	12.00	1.47	0.01	19.00	0.79	804.00
TL13324	58.5	60.0	1259143	2.00	3.57	9.00	115.00	1.00	11.00	0.36	2.00	5.00	25.00	9.00	1.20	0.01	15.00	0.84	582.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13324	12.5	13.5	1259103	0.50	30.00	437.00	31.00	1.47	2.50	2.50	5.00	115.00	2174.00	1.00	37.00	5.00	3.00	54.00
TL13324	13.5	15.0	1259104	0.50	36.00	439.00	19.00	1.72	2.50	2.50	5.00	107.00	2249.00	1.00	36.00	5.00	2.00	53.00
TL13324	15.0	16.5	1259105	0.50	67.00	458.00	12.00	1.04	2.50	2.50	5.00	77.00	1085.00	1.00	21.00	11.00	5.00	318.00
TL13324	16.5	18.0	1259106	0.50	47.00	465.00	41.00	1.15	2.50	2.50	5.00	115.00	1403.00	1.00	26.00	5.00	6.00	63.00
TL13324	18.0	19.5	1259107	0.50	62.00	564.00	23.00	0.96	2.50	2.50	5.00	153.00	2029.00	1.00	34.00	5.00	3.00	17.00
TL13324	19.5	21.0	1259108	0.50	57.00	613.00	17.00	1.06	2.50	2.50	5.00	164.00	2119.00	1.00	35.00	5.00	3.00	13.00
TL13324	21.0	22.5	1259109	0.50	52.00	590.00	24.00	1.03	2.50	2.50	11.00	164.00	1952.00	1.00	34.00	5.00	3.00	21.00
TL13324	22.5	24.0	1259111	0.50	44.00	349.00	21.00	1.28	2.50	2.50	5.00	105.00	1602.00	1.00	22.00	5.00	2.00	22.00
TL13324	24.0	25.5	1259112	36.00	54.00	494.00	28.00	0.21	5.00	14.00	5.00	141.00	1657.00	5.00	29.00	5.00	9.00	33.00
TL13324	25.5	27.0	1259113	0.50	56.00	576.00	29.00	0.65	2.50	2.50	5.00	122.00	1748.00	1.00	29.00	5.00	6.00	37.00
TL13324	27.0	28.5	1259114	0.50	53.00	527.00	131.00	1.10	2.50	2.50	5.00	103.00	1903.00	1.00	32.00	10.00	3.00	230.00
TL13324	28.5	30.0	1259115	0.50	47.00	464.00	138.00	1.39	2.50	2.50	5.00	86.00	1741.00	1.00	28.00	13.00	4.00	415.00
TL13324	30.0	31.0	1259116	0.50	59.00	495.00	712.00	1.66	11.00	2.50	5.00	82.00	1757.00	1.00	28.00	14.00	3.00	687.00
TL13324	31.0	32.0	1259117	0.50	50.00	370.00	28193.0	6.05	138.00	7.00	5.00	76.00	1281.00	1.00	24.00	344.00	3.00	27977.00
TL13324	32.0	33.0	1259118	0.50	55.00	378.00	3084.00	3.21	17.00	2.50	5.00	69.00	1305.00	1.00	23.00	140.00	3.00	11710.00
TL13324	33.0	34.0	1259119	0.50	73.00	306.00	1214.00	3.29	7.00	2.50	5.00	92.00	1223.00	1.00	22.00	46.00	3.00	2436.00
TL13324	34.0	35.0	1259121	0.50	42.00	395.00	715.00	2.04	8.00	2.50	5.00	87.00	1570.00	1.00	26.00	47.00	3.00	2448.00
TL13324	35.0	36.0	1259122	0.50	51.00	453.00	76.00	1.11	2.50	2.50	5.00	91.00	1684.00	1.00	28.00	5.00	3.00	67.00
TL13324	36.0	37.0	1259123	0.50	57.00	326.00	567.00	2.17	2.50	6.00	5.00	70.00	1147.00	1.00	21.00	24.00	3.00	922.00
TL13324	37.0	38.0	1259124	0.50	50.00	332.00	1206.00	1.87	5.00	6.00	5.00	62.00	1159.00	1.00	20.00	43.00	3.00	2320.00
TL13324	38.0	39.0	1259126	0.50	49.00	378.00	1409.00	1.99	8.00	2.50	5.00	91.00	1255.00	1.00	26.00	36.00	3.00	1737.00
TL13324	38.0	39.0	1259125	0.50	66.00	346.00	762.00	2.00	8.00	2.50	5.00	91.00	1251.00	1.00	26.00	23.00	3.00	1080.00
TL13324	39.0	40.5	1259127	0.50	46.00	350.00	1613.00	3.94	10.00	2.50	5.00	76.00	1345.00	1.00	25.00	86.00	3.00	6880.00
TL13324	40.5	42.0	1259128	0.50	59.00	542.00	88.00	1.33	2.50	2.50	5.00	133.00	1545.00	1.00	28.00	5.00	3.00	151.00
TL13324	42.0	43.0	1259129	0.50	55.00	445.00	323.00	1.37	5.00	2.50	5.00	126.00	1705.00	1.00	30.00	5.00	3.00	389.00
TL13324	43.0	44.0	1259131	0.50	44.00	429.00	202.00	1.07	2.50	2.50	5.00	112.00	1439.00	1.00	28.00	16.00	3.00	529.00
TL13324	44.0	45.0	1259132	0.50	43.00	397.00	739.00	1.20	5.00	2.50	5.00	95.00	1527.00	1.00	26.00	29.00	3.00	1365.00
TL13324	45.0	46.5	1259133	0.50	50.00	391.00	51.00	1.37	2.50	2.50	5.00	117.00	1584.00	1.00	34.00	10.00	3.00	265.00
TL13324	46.5	48.0	1259134	0.50	65.00	398.00	31.00	1.41	2.50	2.50	5.00	117.00	1368.00	1.00	35.00	5.00	3.00	78.00
TL13324	48.0	49.5	1259135	34.00	56.00	438.00	51.00	0.96	2.50	7.00	5.00	168.00	1588.00	1.00	37.00	5.00	10.00	71.00
TL13324	49.5	51.0	1259136	0.50	38.00	387.00	35.00	1.32	2.50	2.50	5.00	152.00	1544.00	1.00	34.00	5.00	4.00	97.00
TL13324	51.0	52.5	1259137	0.50	42.00	471.00	61.00	1.29	2.50	2.50	5.00	147.00	1445.00	1.00	32.00	5.00	5.00	217.00
TL13324	52.5	54.0	1259138	0.50	38.00	448.00	27.00	1.12	2.50	2.50	5.00	151.00	1401.00	1.00	32.00	5.00	4.00	68.00
TL13324	54.0	55.5	1259139	0.50	50.00	384.00	19.00	1.27	2.50	5.00	5.00	151.00	1331.00	1.00	30.00	5.00	3.00	44.00
TL13324	55.5	57.0	1259141	0.50	49.00	443.00	20.00	1.00	2.50	2.50	5.00	142.00	1626.00	1.00	35.00	5.00	4.00	48.00
TL13324	57.0	58.5	1259142	0.50	51.00	378.00	25.00	1.09	2.50	2.50	5.00	160.00	1350.00	1.00	30.00	5.00	4.00	57.00
TL13324	58.5	60.0	1259143	0.50	39.00	352.00	32.00	0.89	2.50	2.50	5.00	125.00	1099.00	1.00	23.00	5.00	4.00	37.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13324	60.0	61.0	1259144	2.00	2.27	18.00	120.00	1.00	10.00	0.74	2.00	4.00	21.00	28.00	1.23	0.01	18.00	0.69	788.00
TL13324	61.0	62.0	1259146	2.00	2.04	16.00	138.00	1.00	4.00	0.67	2.00	4.00	26.00	6.00	0.84	0.01	16.00	0.61	579.00
TL13324	61.0	62.0	1259145	2.00	4.25	13.00	115.00	1.00	12.00	0.69	2.00	3.00	21.00	6.00	0.87	0.01	14.00	0.83	602.00
TL13324	62.0	63.0	1259147	6.00	3.21	49.00	214.00	2.00	20.00	0.27	2.00	9.00	38.00	12.00	2.70	0.01	20.00	0.53	301.00
TL13324	63.0	64.0	1259148	2.00	4.20	38.00	216.00	1.00	15.00	0.65	2.00	12.00	33.00	15.00	1.16	0.01	21.00	0.78	545.00
TL13324	64.0	65.0	1259149	10.00	2.95	35.00	207.00	2.00	14.00	0.17	2.00	7.00	28.00	13.00	1.12	0.01	17.00	0.51	311.00
TL13324	65.0	66.0	1259151	2.00	2.60	23.00	192.00	2.00	13.00	0.12	2.00	8.00	32.00	27.00	0.97	0.01	17.00	0.50	294.00
TL13324	66.0	67.5	1259152	3.00	3.68	31.00	182.00	1.00	22.00	0.38	2.00	8.00	29.00	17.00	1.17	0.01	18.00	0.65	401.00
TL13324	67.5	69.0	1259153	2.00	3.61	33.00	167.00	1.00	8.00	0.33	2.00	8.00	31.00	14.00	1.04	0.01	18.00	0.65	360.00
TL13324	69.0	70.5	1259154	1.00	4.28	15.00	181.00	1.00	6.00	0.69	2.00	4.00	23.00	10.00	0.95	0.01	20.00	0.80	525.00
TL13324	70.5	72.0	1259155	1.00	3.10	12.00	169.00	1.00	8.00	0.59	2.00	7.00	33.00	16.00	1.18	0.01	19.00	0.63	493.00
TL13324	72.0	73.5	1259156	1.00	4.09	26.00	166.00	2.00	6.00	0.83	2.00	7.00	32.00	15.00	1.86	0.01	18.00	0.96	677.00
TL13324	115.0	116.5	1259157	3.00	5.13	15.00	311.00	1.00	17.00	2.41	2.00	8.00	25.00	234.00	2.31	0.09	23.00	1.28	805.00
TL13324	116.5	117.5	1259158	6.00	3.98	23.00	276.00	2.00	16.00	2.53	5.00	8.00	24.00	444.00	2.40	0.01	21.00	1.17	840.00
TL13324	117.5	118.5	1259159	1.00	5.05	11.00	333.00	1.00	14.00	2.18	2.00	8.00	25.00	11.00	2.14	0.01	22.00	1.10	635.00
TL13324	118.5	120.0	1259161	1.00	4.15	1.00	323.00	2.00	0.50	1.70	2.00	16.00	73.00	24.00	2.87	0.01	24.00	1.02	589.00
TL13324	120.0	121.5	1259162	3.00	2.79	25.00	773.00	3.00	8.00	2.24	2.00	22.00	140.00	56.00	3.53	0.01	21.00	0.70	648.00
TL13324	121.5	123.0	1259163	1.00	1.68	4.00	239.00	2.00	19.00	0.85	2.00	17.00	104.00	41.00	2.88	0.01	13.00	0.82	513.00
TL13324	123.0	124.0	1259164	0.50	4.09	16.00	401.00	1.00	0.50	1.58	2.00	7.00	26.00	10.00	1.29	0.01	18.00	1.02	685.00
TL13324	124.0	125.0	1259165	0.50	2.64	19.00	434.00	1.00	13.00	0.84	2.00	6.00	26.00	11.00	1.16	0.01	22.00	0.62	425.00
TL13324	124.0	125.0	1259166	0.50	2.86	24.00	460.00	1.00	11.00	0.84	2.00	6.00	27.00	9.00	1.13	0.01	22.00	0.66	418.00
TL13324	125.0	126.0	1259167	1.00	3.27	32.00	455.00	1.00	7.00	0.59	2.00	7.00	26.00	7.00	1.27	0.01	20.00	0.62	331.00
TL13324	126.0	127.0	1259168	2.00	5.21	27.00	365.00	2.00	4.00	1.41	4.00	6.00	13.00	16.00	1.37	0.01	21.00	1.16	531.00
TL13324	127.0	128.5	1259169	0.50	7.47	42.00	515.00	2.00	4.00	1.03	2.00	4.00	27.00	6.00	1.17	0.01	26.00	0.91	316.00
TL13324	128.5	129.5	1259171	0.50	4.49	15.00	381.00	1.00	4.00	1.32	2.00	7.00	14.00	9.00	1.26	0.01	16.00	1.12	422.00
TL13324	129.5	131.0	1259172	0.50	4.85	13.00	501.00	2.00	17.00	1.43	2.00	7.00	15.00	13.00	1.22	0.01	19.00	0.97	444.00
TL13324	131.0	132.0	1259173	0.50	4.53	19.00	373.00	2.00	9.00	1.42	2.00	6.00	16.00	16.00	1.31	0.05	14.00	1.17	558.00
TL13324	132.0	133.0	1259174	0.50	5.19	25.00	312.00	1.00	7.00	1.66	2.00	8.00	15.00	10.00	1.70	0.01	17.00	1.33	774.00
TL13324	133.0	134.0	1259175	4.00	5.36	37.00	347.00	1.00	6.00	1.34	4.00	9.00	15.00	45.00	1.90	0.01	18.00	1.15	564.00
TL13324	134.0	135.0	1259176	1.00	4.95	24.00	396.00	2.00	10.00	1.78	2.00	8.00	17.00	11.00	1.69	0.01	25.00	1.18	698.00
TL13324	135.0	136.5	1259177	1.00	6.15	29.00	284.00	2.00	13.00	2.42	2.00	9.00	27.00	14.00	1.99	0.04	22.00	1.62	757.00
TL13324	136.5	138.0	1259178	1.00	3.83	37.00	169.00	2.00	15.00	0.67	2.00	18.00	111.00	29.00	3.34	0.19	18.00	2.04	573.00
TL13324	138.0	139.5	1259179	1.00	5.03	28.00	184.00	2.00	22.00	0.59	2.00	23.00	157.00	43.00	4.19	0.15	31.00	2.42	623.00
TL13324	139.5	140.5	1259181	1.00	2.87	63.00	152.00	2.00	15.00	0.23	2.00	20.00	114.00	33.00	3.50	0.01	26.00	1.83	370.00
TL13324	140.5	141.5	1259182	14.00	2.74	74.00	151.00	3.00	23.00	0.59	16.00	17.00	101.00	648.00	3.80	0.01	19.00	1.65	426.00
TL13324	141.5	142.5	1259183	2.00	4.73	66.00	358.00	3.00	21.00	0.23	2.00	21.00	154.00	65.00	4.17	0.05	36.00	1.67	507.00
TL13324	142.5	144.0	1259184	1.00	5.21	58.00	148.00	2.00	22.00	1.14	2.00	21.00	124.00	43.00	3.80	0.15	31.00	2.30	557.00
TL13324	144.0	145.5	1259186	2.00	4.27	50.00	123.00	1.00	6.00	0.71	2.00	18.00	118.00	42.00	3.21	0.07	22.00	1.47	535.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13324	60.0	61.0	1259144	0.50	32.00	337.00	57.00	1.23	2.50	2.50	5.00	126.00	1251.00	1.00	24.00	11.00	3.00	82.00
TL13324	61.0	62.0	1259146	0.50	36.00	363.00	51.00	0.94	2.50	2.50	5.00	129.00	1380.00	1.00	25.00	5.00	3.00	34.00
TL13324	61.0	62.0	1259145	0.50	32.00	380.00	42.00	0.86	2.50	2.50	5.00	120.00	1247.00	1.00	23.00	5.00	4.00	33.00
TL13324	62.0	63.0	1259147	0.50	53.00	358.00	73.00	3.30	7.00	2.50	5.00	100.00	1662.00	1.00	30.00	5.00	3.00	187.00
TL13324	63.0	64.0	1259148	0.50	43.00	416.00	23.00	1.31	2.50	2.50	5.00	115.00	1732.00	1.00	31.00	5.00	4.00	35.00
TL13324	64.0	65.0	1259149	0.50	39.00	350.00	55.00	1.44	5.00	2.50	5.00	83.00	1642.00	1.00	28.00	14.00	3.00	499.00
TL13324	65.0	66.0	1259151	0.50	48.00	335.00	24.00	1.25	2.50	2.50	5.00	84.00	1575.00	1.00	26.00	5.00	2.00	35.00
TL13324	66.0	67.5	1259152	0.50	45.00	344.00	53.00	1.39	5.00	2.50	5.00	95.00	1564.00	1.00	26.00	10.00	3.00	138.00
TL13324	67.5	69.0	1259153	0.50	45.00	331.00	33.00	1.19	2.50	2.50	5.00	88.00	1422.00	1.00	26.00	5.00	3.00	38.00
TL13324	69.0	70.5	1259154	0.50	33.00	351.00	16.00	0.85	2.50	7.00	5.00	114.00	1520.00	1.00	24.00	5.00	4.00	26.00
TL13324	70.5	72.0	1259155	0.50	42.00	357.00	18.00	0.89	2.50	2.50	5.00	100.00	1665.00	1.00	28.00	5.00	3.00	42.00
TL13324	72.0	73.5	1259156	0.50	44.00	393.00	18.00	1.12	2.50	2.50	5.00	118.00	1753.00	1.00	31.00	5.00	5.00	60.00
TL13324	115.0	116.5	1259157	0.50	41.00	533.00	624.00	1.45	2.50	2.50	5.00	113.00	2094.00	1.00	35.00	17.00	6.00	649.00
TL13324	116.5	117.5	1259158	0.50	36.00	511.00	628.00	1.92	7.00	2.50	5.00	125.00	2039.00	1.00	35.00	31.00	4.00	1418.00
TL13324	117.5	118.5	1259159	0.50	40.00	546.00	22.00	1.07	2.50	2.50	5.00	131.00	1961.00	1.00	34.00	5.00	5.00	54.00
TL13324	118.5	120.0	1259161	0.50	56.00	555.00	15.00	1.16	2.50	2.50	5.00	130.00	2567.00	1.00	62.00	5.00	6.00	49.00
TL13324	120.0	121.5	1259162	0.50	88.00	506.00	91.00	2.53	2.50	2.50	5.00	172.00	2641.00	1.00	81.00	11.00	3.00	148.00
TL13324	121.5	123.0	1259163	0.50	75.00	430.00	23.00	1.60	2.50	2.50	5.00	92.00	1993.00	1.00	63.00	5.00	7.00	62.00
TL13324	123.0	124.0	1259164	0.50	37.00	316.00	21.00	1.07	2.50	2.50	5.00	120.00	1566.00	1.00	24.00	5.00	4.00	29.00
TL13324	124.0	125.0	1259165	0.50	39.00	313.00	29.00	1.26	5.00	5.00	5.00	108.00	1630.00	1.00	24.00	10.00	3.00	48.00
TL13324	124.0	125.0	1259166	0.50	35.00	305.00	26.00	1.19	2.50	2.50	5.00	110.00	1647.00	1.00	24.00	5.00	3.00	45.00
TL13324	125.0	126.0	1259167	0.50	37.00	311.00	35.00	1.50	7.00	2.50	5.00	95.00	1623.00	1.00	24.00	5.00	3.00	94.00
TL13324	126.0	127.0	1259168	0.50	19.00	332.00	156.00	1.36	2.50	2.50	5.00	101.00	1359.00	1.00	24.00	24.00	5.00	1153.00
TL13324	127.0	128.5	1259169	2.00	57.00	333.00	30.00	0.84	2.50	39.00	5.00	111.00	1647.00	27.00	26.00	5.00	7.00	93.00
TL13324	128.5	129.5	1259171	0.50	22.00	335.00	14.00	0.86	2.50	2.50	5.00	108.00	1401.00	1.00	20.00	5.00	5.00	30.00
TL13324	129.5	131.0	1259172	0.50	21.00	335.00	11.00	0.99	2.50	2.50	5.00	117.00	1573.00	1.00	23.00	5.00	4.00	28.00
TL13324	131.0	132.0	1259173	0.50	21.00	339.00	18.00	1.06	2.50	8.00	5.00	102.00	1293.00	1.00	19.00	5.00	5.00	86.00
TL13324	132.0	133.0	1259174	0.50	20.00	473.00	46.00	1.50	2.50	2.50	5.00	101.00	1474.00	1.00	27.00	5.00	6.00	86.00
TL13324	133.0	134.0	1259175	0.50	23.00	485.00	544.00	1.90	2.50	2.50	5.00	96.00	1728.00	1.00	30.00	29.00	6.00	1206.00
TL13324	134.0	135.0	1259176	0.50	26.00	563.00	109.00	1.43	2.50	2.50	5.00	122.00	1985.00	1.00	34.00	5.00	5.00	138.00
TL13324	135.0	136.5	1259177	0.50	39.00	512.00	41.00	1.24	2.50	7.00	5.00	134.00	1637.00	1.00	31.00	10.00	8.00	105.00
TL13324	136.5	138.0	1259178	0.50	80.00	510.00	48.00	1.89	2.50	5.00	5.00	75.00	1621.00	1.00	60.00	11.00	9.00	236.00
TL13324	138.0	139.5	1259179	0.50	131.00	549.00	56.00	1.65	2.50	2.50	5.00	90.00	2240.00	1.00	87.00	5.00	11.00	116.00
TL13324	139.5	140.5	1259181	0.50	85.00	476.00	60.00	2.19	2.50	2.50	5.00	65.00	1497.00	1.00	69.00	12.00	9.00	275.00
TL13324	140.5	141.5	1259182	0.50	74.00	344.00	2400.00	3.30	9.00	2.50	5.00	82.00	1313.00	1.00	60.00	90.00	7.00	6417.00
TL13324	141.5	142.5	1259183	0.50	114.00	481.00	130.00	2.64	2.50	2.50	5.00	88.00	2363.00	1.00	94.00	16.00	7.00	316.00
TL13324	142.5	144.0	1259184	0.50	85.00	511.00	68.00	2.20	5.00	2.50	5.00	104.00	1812.00	1.00	73.00	5.00	10.00	227.00
TL13324	144.0	145.5	1259186	0.50	76.00	514.00	178.00	1.98	2.50	2.50	5.00	79.00	1692.00	1.00	59.00	5.00	10.00	163.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13324	144.0	145.5	1259185	2.00	4.05	57.00	119.00	2.00	22.00	0.70	2.00	18.00	112.00	40.00	3.33	0.01	21.00	1.49	539.00
TL13324	145.5	147.0	1259187	2.00	2.49	48.00	82.00	3.00	20.00	0.09	2.00	17.00	112.00	31.00	3.07	0.12	15.00	1.49	472.00
TL13324	147.0	148.0	1259188	2.00	5.28	35.00	146.00	2.00	10.00	0.46	2.00	22.00	137.00	61.00	4.11	0.12	33.00	2.17	653.00
TL13324	148.0	149.0	1259189	2.00	4.63	45.00	131.00	3.00	21.00	0.50	2.00	21.00	119.00	71.00	3.76	0.03	26.00	1.71	550.00
TL13324	149.0	150.0	1259191	36.00	4.22	90.00	108.00	3.00	18.00	0.57	4.00	22.00	129.00	126.00	4.27	0.01	24.00	1.79	533.00
TL13324	150.0	151.0	1259192	2.00	5.78	29.00	140.00	2.00	16.00	0.17	2.00	19.00	129.00	25.00	3.60	0.17	55.00	2.56	508.00
TL13324	151.0	152.0	1259193	11.00	5.07	76.00	169.00	3.00	24.00	0.06	5.00	16.00	108.00	125.00	3.76	0.10	43.00	1.85	427.00
TL13324	152.0	153.0	1259194	4.00	3.99	47.00	84.00	2.00	9.00	0.44	2.00	17.00	110.00	45.00	3.20	0.05	25.00	1.78	432.00
TL13324	153.0	154.5	1259195	2.00	5.10	33.00	116.00	2.00	15.00	0.28	2.00	20.00	108.00	42.00	3.93	0.02	31.00	2.39	603.00
TL13324	154.5	155.5	1259196	17.00	4.74	74.00	191.00	2.00	11.00	0.47	10.00	13.00	77.00	119.00	2.91	0.12	16.00	1.16	367.00
TL13324	155.5	156.5	1259197	2.00	4.93	22.00	215.00	2.00	23.00	0.98	2.00	16.00	124.00	36.00	2.91	0.01	23.00	1.61	493.00
TL13324	156.5	157.5	1259198	0.50	4.88	24.00	225.00	2.00	14.00	0.83	2.00	13.00	80.00	31.00	2.49	0.01	22.00	1.54	445.00
TL13324	157.5	159.0	1259199	0.50	5.25	16.00	259.00	2.00	14.00	1.39	2.00	8.00	36.00	7.00	1.65	0.01	21.00	1.49	393.00
TL13324	167.2	168.7	1259201	6.00	3.66	8.00	113.00	2.00	11.00	0.99	2.00	19.00	99.00	49.00	3.36	0.01	20.00	1.48	622.00
TL13324	168.7	170.0	1259202	4.00	3.83	113.00	217.00	2.00	7.00	0.29	2.00	18.00	104.00	108.00	2.81	0.01	14.00	0.73	327.00
TL13324	170.0	171.0	1259203	1.00	4.30	47.00	214.00	2.00	8.00	0.99	2.00	8.00	31.00	28.00	1.53	0.01	14.00	1.04	639.00
TL13324	171.0	172.5	1259204	0.50	4.94	43.00	238.00	2.00	0.50	1.15	2.00	7.00	22.00	23.00	1.52	0.03	21.00	1.09	639.00
TL13324	172.5	174.0	1259205	4.00	4.82	44.00	390.00	2.00	15.00	1.54	4.00	7.00	24.00	81.00	2.04	0.01	20.00	1.17	684.00
TL13324	172.5	174.0	1259206	4.00	4.28	40.00	397.00	2.00	31.00	1.39	2.00	7.00	31.00	68.00	2.04	0.06	15.00	1.17	660.00
TL13324	174.0	175.5	1259207	0.50	5.36	28.00	259.00	1.00	19.00	2.38	2.00	8.00	16.00	10.00	1.66	0.24	17.00	1.66	984.00
TL13324	175.5	177.0	1259208	0.50	5.31	28.00	245.00	2.00	26.00	1.71	2.00	14.00	15.00	43.00	2.55	0.02	26.00	1.35	803.00
TL13324	177.0	178.5	1259209	1.00	5.24	22.00	232.00	2.00	12.00	2.85	2.00	7.00	22.00	17.00	2.01	0.01	21.00	2.10	1276.00
TL13324	178.5	180.0	1259211	0.50	5.12	17.00	291.00	1.00	7.00	1.22	2.00	8.00	23.00	25.00	1.75	0.01	23.00	1.52	697.00
TL13324	180.0	181.5	1259212	0.50	5.33	29.00	278.00	1.00	23.00	1.53	2.00	8.00	22.00	16.00	1.62	0.01	27.00	1.52	826.00
TL13324	181.5	183.0	1259213	0.50	4.98	50.00	287.00	2.00	0.50	1.66	2.00	9.00	24.00	15.00	2.17	0.05	20.00	1.48	782.00
TL13324	183.0	184.5	1259214	0.50	5.11	80.00	314.00	2.00	15.00	1.28	2.00	9.00	18.00	16.00	1.84	0.01	21.00	1.20	607.00
TL13324	184.5	185.5	1259215	0.50	5.24	20.00	347.00	2.00	18.00	1.07	2.00	7.00	31.00	48.00	1.55	0.01	27.00	0.99	493.00
TL13324	185.5	186.5	1259216	1.00	4.64	25.00	235.00	3.00	6.00	2.02	2.00	7.00	32.00	31.00	1.81	0.01	26.00	1.18	609.00
TL13324	186.5	188.0	1259217	0.50	5.21	17.00	359.00	2.00	10.00	2.03	2.00	7.00	27.00	14.00	1.69	0.01	22.00	1.15	573.00
TL13324	188.0	189.0	1259218	2.00	5.07	17.00	349.00	2.00	0.50	1.96	2.00	7.00	24.00	69.00	1.82	0.01	23.00	1.20	677.00
TL13324	189.0	190.5	1259219	0.50	5.44	21.00	338.00	2.00	19.00	1.72	2.00	8.00	23.00	13.00	1.68	0.01	23.00	1.16	591.00
TL13324	190.5	192.0	1259221	0.50	3.91	28.00	325.00	1.00	16.00	1.85	2.00	8.00	28.00	38.00	1.91	0.03	24.00	1.06	825.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13324	144.0	145.5	1259185	0.50	68.00	523.00	132.00	2.07	2.50	2.50	5.00	79.00	1661.00	1.00	59.00	11.00	10.00	178.00
TL13324	145.5	147.0	1259187	0.50	79.00	559.00	86.00	1.69	2.50	2.50	5.00	51.00	1474.00	1.00	57.00	5.00	9.00	243.00
TL13324	147.0	148.0	1259188	0.50	102.00	592.00	46.00	1.68	2.50	2.50	5.00	69.00	2109.00	1.00	82.00	11.00	10.00	124.00
TL13324	148.0	149.0	1259189	0.50	91.00	538.00	55.00	1.97	2.50	2.50	5.00	71.00	1766.00	1.00	71.00	5.00	9.00	130.00
TL13324	149.0	150.0	1259191	0.50	115.00	483.00	1797.00	2.68	15.00	2.50	5.00	64.00	1489.00	1.00	74.00	14.00	9.00	612.00
TL13324	150.0	151.0	1259192	0.50	82.00	506.00	70.00	1.63	2.50	2.50	5.00	73.00	1652.00	1.00	73.00	5.00	10.00	71.00
TL13324	151.0	152.0	1259193	0.50	79.00	400.00	182.00	2.81	11.00	2.50	5.00	68.00	1370.00	1.00	62.00	32.00	7.00	1596.00
TL13324	152.0	153.0	1259194	0.50	81.00	438.00	151.00	1.87	5.00	5.00	5.00	62.00	1333.00	1.00	58.00	5.00	7.00	240.00
TL13324	153.0	154.5	1259195	0.50	76.00	511.00	71.00	1.83	2.50	2.50	5.00	58.00	1844.00	1.00	69.00	5.00	9.00	160.00
TL13324	154.5	155.5	1259196	0.50	70.00	508.00	1845.00	2.70	13.00	2.50	5.00	68.00	1334.00	1.00	52.00	63.00	8.00	3379.00
TL13324	155.5	156.5	1259197	0.50	106.00	526.00	149.00	1.41	2.50	2.50	5.00	82.00	1746.00	1.00	66.00	5.00	9.00	327.00
TL13324	156.5	157.5	1259198	0.50	76.00	494.00	53.00	1.28	2.50	2.50	5.00	84.00	1553.00	1.00	44.00	5.00	8.00	97.00
TL13324	157.5	159.0	1259199	0.50	47.00	396.00	39.00	0.96	2.50	2.50	5.00	129.00	1201.00	1.00	26.00	5.00	6.00	40.00
TL13324	167.2	168.7	1259201	0.50	76.00	488.00	37.00	0.96	2.50	2.50	5.00	92.00	1977.00	1.00	61.00	5.00	14.00	70.00
TL13324	168.7	170.0	1259202	0.50	80.00	434.00	301.00	2.69	7.00	2.50	5.00	64.00	1655.00	1.00	72.00	10.00	11.00	318.00
TL13324	170.0	171.0	1259203	0.50	60.00	511.00	138.00	1.04	2.50	2.50	5.00	88.00	1564.00	1.00	31.00	5.00	7.00	76.00
TL13324	171.0	172.5	1259204	0.50	43.00	477.00	64.00	1.25	2.50	2.50	5.00	94.00	1619.00	1.00	30.00	16.00	7.00	82.00
TL13324	172.5	174.0	1259205	0.50	44.00	371.00	490.00	1.85	2.50	5.00	5.00	112.00	1264.00	1.00	26.00	35.00	7.00	1242.00
TL13324	172.5	174.0	1259206	0.50	54.00	374.00	500.00	1.75	2.50	7.00	5.00	103.00	1264.00	1.00	27.00	27.00	7.00	962.00
TL13324	174.0	175.5	1259207	0.50	26.00	456.00	23.00	0.92	2.50	6.00	5.00	113.00	1434.00	1.00	28.00	16.00	7.00	30.00
TL13324	175.5	177.0	1259208	0.50	23.00	445.00	22.00	1.78	2.50	2.50	5.00	120.00	1662.00	1.00	31.00	13.00	7.00	34.00
TL13324	177.0	178.5	1259209	0.50	40.00	478.00	68.00	0.95	2.50	5.00	5.00	126.00	1601.00	1.00	31.00	5.00	7.00	138.00
TL13324	178.5	180.0	1259211	0.50	42.00	502.00	14.00	0.86	2.50	2.50	5.00	113.00	1811.00	1.00	34.00	5.00	6.00	37.00
TL13324	180.0	181.5	1259212	0.50	42.00	484.00	21.00	0.95	2.50	2.50	5.00	131.00	1647.00	1.00	30.00	5.00	7.00	103.00
TL13324	181.5	183.0	1259213	0.50	48.00	494.00	33.00	1.47	2.50	8.00	5.00	111.00	1675.00	1.00	31.00	5.00	7.00	83.00
TL13324	183.0	184.5	1259214	0.50	33.00	472.00	41.00	1.31	2.50	2.50	5.00	108.00	1706.00	1.00	31.00	13.00	7.00	66.00
TL13324	184.5	185.5	1259215	0.50	59.00	493.00	36.00	1.08	2.50	2.50	5.00	108.00	1804.00	1.00	33.00	13.00	7.00	87.00
TL13324	185.5	186.5	1259216	0.50	61.00	440.00	35.00	1.30	2.50	2.50	5.00	106.00	1523.00	1.00	29.00	13.00	7.00	164.00
TL13324	186.5	188.0	1259217	0.50	49.00	499.00	28.00	0.87	2.50	7.00	5.00	127.00	1612.00	1.00	31.00	10.00	6.00	55.00
TL13324	188.0	189.0	1259218	0.50	46.00	500.00	444.00	1.14	2.50	5.00	5.00	124.00	1676.00	1.00	33.00	19.00	6.00	517.00
TL13324	189.0	190.5	1259219	0.50	44.00	498.00	39.00	1.00	2.50	2.50	5.00	132.00	1627.00	1.00	30.00	13.00	7.00	58.00
TL13324	190.5	192.0	1259221	0.50	53.00	492.00	61.00	1.39	2.50	2.50	5.00	140.00	1720.00	1.00	33.00	18.00	6.00	267.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13324	12.5	30.2	17.7	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13324	24.0	30.2	6.2	SPH	ST	0.1	Trace sph stringers
TL13324	30.2	31.1	1.0	SPH	ST	0.1	Trace sph stringers
TL13324	30.2	31.1	1.0	PB	BLB	0.1	Trace gn blebs with sph stringers
TL13324	30.2	31.1	1.0	PY	DISS	3	2-3% diss. py
TL13324	31.1	31.3	0.2	SPH	Vein	3	Abundant mineralization around qz vein, 3% sph
TL13324	31.1	31.3	0.2	PB	Vein	5	Abundant mineralization around qz vein, 5% gn
TL13324	31.1	31.3	0.2	CP	Vein	7	Abundant mineralization around qz vein, 7% cpy
TL13324	31.1	31.3	0.2	PY	Vein	5	Abundant mineralization around qz vein, 5% py
TL13324	31.3	33.6	2.3	PY	ST	7	Abundant py stringers and blebs, condensed into groups of stringers and blebs
TL13324	31.3	33.6	2.3	SPH	ST	5	Abundant sph stringers with py, condensed into groups of stringers and blebs
TL13324	31.3	33.6	2.3	PB	BLB	1	1-2% gn blebs with sph stringers
TL13324	31.3	33.6	2.3	CP	BLB	1	1% cpy blebs with py/sph stringers
TL13324	33.6	40.5	7.0	PY	ST	5	4-5% py, diss. and condensed blebs/stringers
TL13324	33.6	40.5	7.0	SPH	ST	2	1-2% sph stringers, often with py
TL13324	40.5	55.6	15.1	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13324	40.5	55.6	15.1	SPH	ST	0.1	Trace to 1% sph stringers
TL13324	55.6	62.1	6.5	PY	DISS	3	2-3% diss. py, local stringers and blebs
TL13324	55.6	62.1	6.5	SPH	ST	0.1	Trace sph stringers
TL13324	62.1	71.9	9.9	SPH	ST	0.1	Trace sph stringers
TL13324	62.1	71.9	9.9	PY	DISS	3	2-3% diss. py, local blebs and stringers, slightly more abundant near top contact
TL13324	64.4	64.5	0.2	AU	BLB	0.1	Trace Au as VG in 2 specks found at 64.43m depth, 1-2mm in size found within a smokey grey qtz veins w/ sph and cpy
TL13324	71.9	124.2	52.3	PY	DISS	2	1-2% diss py, uncommon blebs and stringers
TL13324	106.9	107.1	0.2	PO	BLB	1	1% po blebs along margin of large qz vein with bio
TL13324	109.0	109.1	0.1	SPH	ST	3	Small interval of several sph stringers in patch of strong sr
TL13324	116.8	117.4	0.6	CP	BLB	0.1	Trace cpy blebs in qz--chl-amph bands
TL13324	116.8	117.4	0.6	SPH	ST	2	1-2% sph stringers in qz-chl-amph bands
TL13324	116.8	117.4	0.6	PY	BLB	2	1-2% py blebs in qz-chl-amph bands
TL13324	124.2	128.5	4.4	PY	DISS	3	2-3% diss py. local blebs and stringers
TL13324	124.2	128.5	4.4	SPH	ST	0.1	Trace sph stringers
TL13324	128.5	138.0	9.5	PY	DISS	2	1-2% diss. py, occasional stringers
TL13324	133.0	133.8	0.8	PB	BLB	0.1	Trace gn with sph stringers
TL13324	133.0	133.8	0.8	SPH	ST	1	1% sph in several stringers within small interval
TL13324	138.0	141.2	3.2	SPH	ST	0.1	Trace sph stringers
TL13324	138.0	156.0	18.0	PY	DISS	5	4-5% diss. py, abundant condensed blebs and stringers

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13324	141.2	141.4	0.2	PB	BLB	3	2-3% gn within and around deformed qz veins
TL13324	141.2	141.4	0.2	PY	BLB	5	4-5% py blebs within and around deformed qz veins
TL13324	141.2	141.4	0.2	CP	BLB	1	1% cpy blebs
TL13324	141.2	141.4	0.2	SPH	ST	5	4-5% sph/ank stringers within and around deformed qz veins
TL13324	141.4	149.9	8.5	SPH	ST	0.1	Trace sph stringers
TL13324	149.9	155.1	5.2	SPH	ST	2	1-2% sph stringers in several condensed sulfide bands
TL13324	149.9	155.1	5.2	PB	BLB	1	Trace to 1% gn blebs with sph stringers
TL13324	149.9	155.1	5.2	CP	BLB	1	Trace to 1% cpy blebs with sph stringers
TL13324	155.1	168.7	13.6	SPH	ST	0.1	Trace sph stringers
TL13324	156.0	168.7	12.7	PY	DISS	3	2-3% diss. py, local stringers and blebs
TL13324	168.7	186.3	17.6	CP	BLB	0.1	Trace cpy blebs associated with sph/py stringers
TL13324	168.7	186.3	17.6	PY	DISS	4	3-4% diss. py, common blebs and stringers
TL13324	168.7	186.3	17.6	SPH	ST	1	1% sph in common stringers spread throughout zone
TL13324	168.7	186.3	17.6	PB	BLB	0.1	Trace gn blebs with sph stringers
TL13324	186.3	192.0	5.7	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13324	186.3	192.0	5.7	SPH	ST	1	1% sph in stringers spread throughout zone
TL13324	186.3	192.0	5.7	CP	BLB	0.1	Trace cpy blebs associated with sph/py stringers
TL13324	186.3	192.0	5.7	PB	BLB	0.1	Trace gn blebs with sph stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13324	12.5	21.0	8.5	FOL	Moderate	57	55-60 deg TCA
TL13324	21.0	30.2	9.2	FOL	Moderate	60	50-70 deg TCA
TL13324	23.3	27.0	3.8	Fold	Strong	30	Abundant Drag folds adjacent to qz veins and F2 folds within interval, axial planes ~30 deg TCA
TL13324	30.2	55.6	25.5	FR	Weak	50	Weak fracture set 40-60 deg TCA
TL13324	30.2	55.6	25.5	FOL	Moderate	60	55-65 deg TCA
TL13324	44.6	44.7	0.1	Fold	Moderate	35	F2 fold, axial plane 35 deg TCA
TL13324	45.5	45.7	0.2	Fold	Strong	45	F2 fold, axial plane 45 deg TCA
TL13324	55.6	62.1	6.5	FOL	Moderate	65	
TL13324	62.1	71.9	9.9	FOL	Moderate	60	
TL13324	71.9	100.0	28.1	FOL	Moderate	65	
TL13324	71.9	124.2	52.3	FR	Weak	50	Fracture set 30-70 deg TCA, some have minor chl marginal alt and infilled with qz
TL13324	100.0	124.2	24.2	FOL	Moderate	67	65-70 deg TCA
TL13324	124.2	128.5	4.4	FR	Weak	50	Fracture set 40-60 deg TCA
TL13324	124.2	128.5	4.4	FOL	Moderate	62	60-65 deg TCA
TL13324	128.5	145.0	16.5	FOL	Moderate	65	60-70 deg TCA
TL13324	128.5	168.7	40.2	FR	Weak	50	Fracture set 40-60 deg TCA, some have minor to moderate marginal alt and infilled with qz-carb
TL13324	145.0	168.7	23.7	FOL	Moderate	67	65-70 deg TCA
TL13324	156.0	156.4	0.4	FTZ	Moderate	65	Fault zone with abundant rubble and unlithified fault gouge. Looks to be semi-parallel to foliation
TL13324	168.7	186.3	17.6	FR	Weak	45	Fracture set 30-60 deg TCA, some have minor marginal alt and infilled with qz-carb
TL13324	168.7	186.3	17.6	FOL	Moderate	70	
TL13324	186.3	192.0	5.7	FOL	Moderate	65	

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13324	12.5	30.2	17.7	SR	Patchy	Moderate	Semi-pervasive sericite, 65% sr 35% bio
TL13324	12.5	30.2	17.7	SI	Pervasive	Moderate	Moderate silicification
TL13324	30.2	55.6	25.5	SR	Patchy	Very Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13324	30.2	55.6	25.5	SI	Pervasive	Moderate	moderate to strong silicification
TL13324	55.6	62.1	6.5	SR	Patchy	Weak	Semi-pervasive sericite, 30% sr 70% bio
TL13324	55.6	62.1	6.5	SI	Pervasive	Strong	Strong silicification
TL13324	62.1	71.9	9.9	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13324	62.1	71.9	9.9	SI	Pervasive	Moderate	Moderate to strong silicification
TL13324	71.9	111.0	39.1	SR	Patchy	Weak	Semi-pervasive sericite, 30% sr 70% bio
TL13324	71.9	124.2	52.3	CH	Fract-Cont	Weak	Weak chl alteration around some fractures
TL13324	71.9	124.2	52.3	SI	Pervasive	Strong	Moderate to strong silicification
TL13324	111.0	124.2	13.2	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13324	124.2	128.5	4.4	SI	Pervasive	Strong	Moderate to strong silicification
TL13324	124.2	128.5	4.4	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13324	128.5	133.0	4.5	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13324	128.5	168.7	40.2	SI	Pervasive	Moderate	Weak to moderate silicification
TL13324	133.0	136.0	3.0	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio
TL13324	136.0	154.5	18.5	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13324	154.5	156.0	1.5	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13324	156.0	168.7	12.7	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13324	168.7	186.3	17.6	SI	Pervasive	Moderate	Moderate silicification
TL13324	168.7	186.3	17.6	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13324	186.3	192.0	5.7	SI	Pervasive	Moderate	Moderate silicification
TL13324	186.3	192.0	5.7	SR	Patchy	Very Weak	Semi-pervasive sericite, 15% sr 85% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13324	15	18	3	3.06	2.76	102	92	11	
TL13324	18	21	3	2.92	2.67	97.33	89	13	
TL13324	21	24	3	2.95	2.61	98.33	87	10	
TL13324	24	27	3	3.04	2.89	101.33	96.33	10	
TL13324	27	30	3	2.97	2.56	99	85.33	11	
TL13324	30	33	3	3	1.7	100	56.67	17	
TL13324	33	36	3	3	2.59	100	86.33	10	
TL13324	36	39	3	2.94	2.67	98	89	13	
TL13324	39	42	3	3	2.65	100	88.33	11	
TL13324	42	45	3	2.94	2.83	98	94.33	9	
TL13324	45	48	3	3.01	2.68	100.33	89.33	9	
TL13324	48	51	3	3	1.85	100	61.67	22	
TL13324	51	54	3	3.02	0.83	100.67	27.67	32	SRP
TL13324	54	57	3	3.03	2.52	101	84	15	
TL13324	57	60	3	2.99	2.96	99.67	98.67	7	
TL13324	60	63	3	2.84	2.57	94.67	85.67	11	
TL13324	63	66	3	2.98	2.17	99.33	72.33	19	
TL13324	66	69	3	2.89	2.02	96.33	67.33	18	
TL13324	69	72	3	2.94	2.19	98	73	13	
TL13324	72	75	3	3	2.74	100	91.33	9	
TL13324	75	78	3	2.99	2.62	99.67	87.33	12	
TL13324	78	81	3	3	1.99	100	66.33	13	
TL13324	81	84	3	3.01	2.56	100.33	85.33	9	
TL13324	84	87	3	2.88	2.88	96	96	8	
TL13324	87	90	3	2.93	2.82	97.67	94	9	
TL13324	90	93	3	3.03	2.72	101	90.67	12	
TL13324	93	96	3	2.97	2.6	99	86.67	13	
TL13324	96	99	3	3.02	2.29	100.67	76.33	17	
TL13324	99	102	3	3	2.83	100	94.33	9	
TL13324	102	105	3	2.99	2.64	99.67	88	10	
TL13324	105	108	3	2.95	2.84	98.33	94.67	10	
TL13324	108	111	3	3.01	2.64	100.33	88	13	
TL13324	111	114	3	2.96	2.79	98.67	93	10	
TL13324	114	117	3	2.94	2.94	98	98	3	
TL13324	117	120	3	2.93	2.58	97.67	86	13	
TL13324	120	123	3	3.02	2.66	100.67	88.67	15	
TL13324	123	126	3	2.97	2.67	99	89	11	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13324	126	129	3	3.02	2.83	100.67	94.33	8	
TL13324	129	132	3	2.97	2.97	99	99	4	
TL13324	132	135	3	2.96	2.7	98.67	90	8	
TL13324	135	138	3	3.02	2.44	100.67	81.33	22	
TL13324	138	141	3	3	2.4	100	80	15	
TL13324	141	144	3	2.94	2.63	98	87.67	12	
TL13324	144	147	3	2.96	2.54	98.67	84.67	15	
TL13324	147	150	3	2.99	2.34	99.67	78	19	
TL13324	150	153	3	3.02	2.79	100.67	93	14	
TL13324	153	156	3	2.97	2.36	99	78.67	20	
TL13324	156	159	3	2.98	1.75	99.33	58.33	21	SRP
TL13324	159	162	3	2.97	2.24	99	74.67	15	
TL13324	162	165	3	3.02	2.32	100.67	77.33	16	
TL13324	165	168	3	3.01	2.54	100.33	84.67	14	
TL13324	168	171	3	2.94	2.85	98	95	9	
TL13324	171	174	3	2.95	2.88	98.33	96	8	
TL13324	174	177	3	2.97	2.84	99	94.67	8	
TL13324	177	180	3	2.99	2.99	99.67	99.67	6	
TL13324	180	183	3	2.96	2.72	98.67	90.67	7	
TL13324	183	186	3	2.97	2.46	99	82	9	
TL13324	186	189	3	2.94	2.82	98	94	6	
TL13324	189	192	3	3.08	3.01	102.67	100.33	8	

Hole Number: TL13325

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -60.00
Project Number: TMI-TL	North: 5511889.24	North:	Collar Az: 0.00
Location: Zealand Township	East: 527759.17	East:	Length: 198.00
	Elev: 393.90	Elev:	Start Depth: 0.00
Date Started: Feb 18, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 19, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 198.00

Comments: Logged by Adam Larsen

Claim #1106347

MSS main zone from top of hole to 52m with a small sliver of BMS within.

Top part of Main zone has strong sr/si alteration.

Occasional py/sph stringers.

AT 17.00-17.03 there is a 1mm x 25mm long string of Au blebs parallel to foliation

Lower part of MSS c-zone has strong sr/si alterations and is Poorly mineralized

Moderately altered MSS zone from 117.55-133.65m

Poorly mineralized until ~129 where the py increases until contact. There are also several sph stringers

from 129.5-132 with trace gn

Dark BMS from 136.55-155.20m with abundant andalusite? and other porphyroblasts.

Several dark looking strong sr patches, often associated with increased mineralization.

Abundant py with trace sph stringers throughout. Condensed patch from 143.20-144.30 with up to 3% sph and trace gn.

Around where the c-zone wireframe is

Darker looking MSS zone 155.20-159.15m with strong sr and moderate si alteration.

Common deformed, translucent qz veins associated with increased mineralization

4-5% py, 2-3% sph stringers, 1% gn and trace cpy

172.25-177.90m

MSS FW zone with strong sr/si alteration.

Slightly elevation mineralization from 172.25-175.5 with 3-4% py, 1% sph and trace gn

March 24, 2015

Re-examination and resampling program

This is to redefine and extend the B Zone with is targetted to come through at 73 meters.

in and around this location is seen good Py mineralization associated with good Qtz veining and

abundant Py mineralization between 71 and 75 meters and 78 to 81 meters. The Core is very rough

from 69 to 88 meters and difficult to see mineralization.

This could be due to weathering or bad drilling.

Several zones of MSS altered BMS is seen from 86 to 87 meters.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	5.00	-61.50	EZ Sho	OK		18.00	6.70	-61.20	EZ Sho	OK	
51.00	6.90	-60.90	EZ Sho	OK		105.00	4.00	-58.70	EZ Sho	OK	
153.00	3.50	-57.80	EZ Sho	OK		195.00	2.80	-56.60	EZ Sho	OK	

DETAILED LOG

Hole Number: TL13325

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	6.75	OB, Overburden									
6.75	23.60	MSS, Muscovite Sericite Schist Possible top part of Main zone Strong sr/si alteration. Occasional py/sph stringers. AT 17.00-17.03 there is a 1mm x 25mm long string of Au blebs parallel to foliation	1259222	6.75	8.00	1.25	0.26				
			1259223	8.00	9.00	1.00	0.15				
			1259224	9.00	10.50	1.50	0.09				
			1259226	10.50	12.00	1.50	0.16				
			1259225	10.50	12.00	1.50	0.13				
			1259227	12.00	13.50	1.50	0.14				
			1259228	13.50	15.00	1.50	0.18				
			1259229	15.00	16.50	1.50	0.07				
			1259231	16.50	17.50	1.00	25.07			9.14	
			1259232	17.50	18.50	1.00	0.23				
			1259233	18.50	19.50	1.00	0.08				
			1259234	19.50	21.00	1.50	0.08				
			1259235	21.00	22.50	1.50	0.04				
			1259236	22.50	23.50	1.00	0.03				
			1259237	23.50	25.00	1.50	0.08				
23.60	27.50	BMS, Biotite Muscovite Schist Sliver of BMS in Main zone	1259238	25.00	26.50	1.50	0.00				
			1259239	26.50	27.50	1.00	0.07				
27.50	52.00	MSS, Muscovite Sericite Schist Lower part of MSS c-zone, strong sr/si alterations. Poorly mineralized	1259241	27.50	28.50	1.00	0.03				
			1259242	28.50	30.00	1.50	0.09				
			1259243	30.00	31.50	1.50	0.43				
			1259244	31.50	33.00	1.50	0.20				
			1259246	33.00	34.50	1.50	0.38				
			1259245	33.00	34.50	1.50	0.05				
			1259247	34.50	36.00	1.50	0.01				
			1259248	36.00	37.50	1.50	0.09				
			1259249	37.50	39.00	1.50	0.10				
			1259251	39.00	40.50	1.50	0.20				
			1259252	40.50	42.00	1.50	0.48				
			1259253	42.00	43.50	1.50	0.11				
			1259254	43.50	45.00	1.50	0.14				
			1259255	45.00	46.50	1.50	0.12				
			1259256	46.50	48.00	1.50	0.18				
			1259257	48.00	49.50	1.50	0.06				
			1259258	49.50	51.00	1.50	0.22				
			1259259	51.00	52.00	1.00	0.51				

Hole Number: TL13325

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
52.00	96.05	BMS, Biotite Muscovite Schist Poorly mineralized BMS Weak sr and weak to moderate si alt.	1259261	52.00	53.50	1.50	0.37				
			367844	62.80	64.00	1.20		0.05			
			367845	64.00	65.00	1.00		0.03			
			367846	64.00	65.00	1.00		0.03			
			367847	65.00	66.00	1.00		0.04			
			367848	66.00	67.00	1.00		0.01			
			367849	67.00	68.00	1.00		0.02			
			367851	68.00	69.00	1.00		0.07			
			367852	69.00	70.00	1.00		0.03			
			367853	70.00	71.00	1.00		0.01			
			367854	71.00	72.00	1.00		0.01			
			367855	72.00	73.00	1.00		0.03			
			367856	73.00	74.00	1.00		0.01			
			367857	74.00	75.00	1.00		0.02			
			367858	75.00	76.00	1.00		0.01			
			367859	76.00	77.00	1.00		0.02			
			367861	77.00	78.00	1.00		0.05			
			367862	78.00	79.00	1.00		0.02			
			367863	79.00	80.00	1.00		0.05			
			367864	80.00	81.00	1.00		0.03			
			367865	81.00	82.00	1.00		0.01			
			367866	81.00	82.00	1.00		0.01			
			367867	82.00	83.00	1.00		0.02			
			367868	83.00	84.00	1.00		0.01			
			367869	84.00	85.00	1.00		0.00			
			367871	85.00	86.00	1.00		0.01			
			367872	86.00	87.00	1.00		0.19			
			367873	87.00	88.00	1.00		0.01			
			367874	88.00	88.61	0.61		0.01			
			1259262	94.50	96.00	1.50	0.01				
			1259263	96.00	97.50	1.50	0.00				
96.05	101.95	MSS, Muscovite Sericite Schist Small, moderately altered MSS zone. Gradual transition to surrounding BMS zones. Slight increase in mineraliation. Condensed py/sph stringers from 100.9-101.05m	1259264	97.50	99.00	1.50	0.01				
			1259265	99.00	100.00	1.00	0.01				
			1259266	99.00	100.00	1.00	0.00				
			1259267	100.00	100.80	0.80	0.02				
			1259268	100.80	101.80	1.00	0.14				
			1259269	101.80	103.30	1.50	0.02				
101.95	117.55	BMS, Biotite Muscovite Schist Medium grey coloured BMS. Poorly mineralized	1259271	116.05	117.55	1.50	0.02				

DETAILED LOG

Hole Number: TL13325

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
117.55	133.65	MSS, Muscovite Sericite Schist Moderately altered MSS zone. Poorly mineralized until ~129 where the py increases until contact. There are also several sph stringers from 129.5-132 with trace gn	1259272	117.55	118.55	1.00	0.01				
			1259273	118.55	120.00	1.45	0.03				
			1259274	120.00	121.50	1.50	0.06				
			1259275	121.50	123.00	1.50	0.04				
			1259276	123.00	124.50	1.50	0.03				
			1259277	124.50	126.00	1.50	0.04				
			1259278	126.00	127.50	1.50	0.27				
			1259279	127.50	129.00	1.50	0.13				
			1259281	129.00	130.50	1.50	0.17				
			1259282	130.50	131.50	1.00	0.25				
			1259283	131.50	132.50	1.00	0.08				
			1259284	132.50	133.65	1.15	0.07				
133.65	155.20	BMS, Biotite Muscovite Schist Dark BMS with abundant andalusite? and other porphyroblasts. Several dark looking strong sr patches, often associated with increased mineralization. Abundant py with trace sph stringers throughout. Condensed patch from 143.20-144.30 with up to 3% sph and trace gn.	1259285	133.65	135.00	1.35	0.13				
			1259286	133.65	135.00	1.35	0.10				
			1259287	135.00	136.50	1.50	0.12				
			1259288	136.50	138.00	1.50	0.10				
			1259289	138.00	139.50	1.50	0.28				
			1259291	139.50	141.00	1.50	0.13				
			1259292	141.00	142.30	1.30	0.58				
			1259293	142.30	143.30	1.00	4.83				
			1259294	143.30	144.30	1.00	1.74				
			1259295	144.30	145.50	1.20	0.70				
			1259296	145.50	147.00	1.50	0.41				
			1259297	147.00	148.50	1.50	0.20				
			1259298	148.50	150.00	1.50	0.13				
			1259299	150.00	151.00	1.00	0.27				
			1259301	151.00	152.00	1.00	0.17				
			1259302	152.00	153.00	1.00	0.41				
			1259303	153.00	154.00	1.00	1.53				
			1259304	154.00	155.20	1.20	0.14				
155.20	159.15	MSS, Muscovite Sericite Schist Darker looking MSS zone with strong sr and moderate si alteration. Common deformed, translucent qz veins associated with increased mineralization 4-5% py, 2-3% sph stringers, 1% gn and trace cpy	1259305	155.20	156.20	1.00	5.57				
			1259306	156.20	157.20	1.00	0.35				
			1259307	156.20	157.20	1.00	0.27				
			1259308	157.20	158.20	1.00	1.12				
			1259309	158.20	159.20	1.00	0.30				

DETAILED LOG

Hole Number: TL13325

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
159.15	172.25	BMS, Biotite Muscovite Schist Dark BMS with dark looking, strong sr patches which are associated with increased mineralization. Best interval from 166.5-169.10	1259311	159.20	160.50	1.30	0.28				
			1259312	160.50	162.00	1.50	0.06				
			1259313	162.00	163.50	1.50	0.04				
			1259314	163.50	164.50	1.00	0.15				
			1259315	164.50	165.50	1.00	0.10				
			1259316	165.50	166.75	1.25	0.05				
			1259317	166.75	167.75	1.00	0.92				
			1259318	167.75	168.75	1.00	0.32				
			1259319	168.75	169.75	1.00	0.43				
			1259321	169.75	171.00	1.25	0.17				
			1259322	171.00	172.25	1.25	0.10				
172.25	177.90	MSS, Muscovite Sericite Schist MSS FW zone with strong sr/si alteration. Slightly elevation mineralization from 172.25-175.5 with 3-4% py, 1% sph and trace gn	1259323	172.25	173.25	1.00	1.11				
			1259324	173.25	174.25	1.00	2.49				
			1259326	174.25	175.25	1.00	0.31				
			1259325	174.25	175.25	1.00	0.45				
			1259327	175.25	176.25	1.00	0.67				
			1259328	176.25	177.75	1.50	0.40				
			1259329	177.75	179.25	1.50	0.04				
177.90	198.00	BMS, Biotite Muscovite Schist BMS with moderate to strong si/sr alt. Poorly mineralized									

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259222	6.75	8.00	0.2570				
1259223	8.00	9.00	0.1510				
1259224	9.00	10.50	0.0910				
1259225	10.50	12.00	0.1260				
1259227	12.00	13.50	0.1420				
1259228	13.50	15.00	0.1760				
1259229	15.00	16.50	0.0730				
1259231	16.50	17.50	25.0700			9.1430	
1259232	17.50	18.50	0.2320				
1259233	18.50	19.50	0.0790				
1259234	19.50	21.00	0.0790				
1259235	21.00	22.50	0.0350				
1259236	22.50	23.50	0.0280				
1259237	23.50	25.00	0.0790				
1259238	25.00	26.50	0.0040				
1259239	26.50	27.50	0.0700				

Hole Number: TL13325

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259241	27.50	28.50	0.0290				
1259242	28.50	30.00	0.0900				
1259243	30.00	31.50	0.4320				
1259244	31.50	33.00	0.1950				
1259245	33.00	34.50	0.0540				
1259247	34.50	36.00	0.0090				
1259248	36.00	37.50	0.0900				
1259249	37.50	39.00	0.0970				
1259251	39.00	40.50	0.1990				
1259252	40.50	42.00	0.4750				
1259253	42.00	43.50	0.1120				
1259254	43.50	45.00	0.1430				
1259255	45.00	46.50	0.1240				
1259256	46.50	48.00	0.1770				
1259257	48.00	49.50	0.0590				
1259258	49.50	51.00	0.2180				
1259259	51.00	52.00	0.5120				
1259261	52.00	53.50	0.3670				
367844	62.80	64.00		0.0500			
367845	64.00	65.00		0.0310			
367847	65.00	66.00		0.0420			
367848	66.00	67.00		0.0120			
367849	67.00	68.00		0.0150			
367851	68.00	69.00		0.0700			
367852	69.00	70.00		0.0330			
367853	70.00	71.00		0.0080			
367854	71.00	72.00		0.0110			
367855	72.00	73.00		0.0330			
367856	73.00	74.00		0.0090			
367857	74.00	75.00		0.0150			
367858	75.00	76.00		0.0070			
367859	76.00	77.00		0.0180			
367861	77.00	78.00		0.0540			
367862	78.00	79.00		0.0210			
367863	79.00	80.00		0.0520			
367864	80.00	81.00		0.0330			
367865	81.00	82.00		0.0100			
367867	82.00	83.00		0.0180			
367868	83.00	84.00		0.0080			

Hole Number: TL13325

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
367869	84.00	85.00					0.0030
367871	85.00	86.00					0.0050
367872	86.00	87.00					0.1880
367873	87.00	88.00					0.0110
367874	88.00	88.61					0.0110
1259262	94.50	96.00	0.0070				
1259263	96.00	97.50	0.0005				
1259264	97.50	99.00	0.0100				
1259265	99.00	100.00	0.0060				
1259267	100.00	100.80	0.0160				
1259268	100.80	101.80	0.1410				
1259269	101.80	103.30	0.0180				
1259271	116.05	117.55	0.0230				
1259272	117.55	118.55	0.0090				
1259273	118.55	120.00	0.0260				
1259274	120.00	121.50	0.0590				
1259275	121.50	123.00	0.0410				
1259276	123.00	124.50	0.0340				
1259277	124.50	126.00	0.0370				
1259278	126.00	127.50	0.2670				
1259279	127.50	129.00	0.1340				
1259281	129.00	130.50	0.1730				
1259282	130.50	131.50	0.2520				
1259283	131.50	132.50	0.0760				
1259284	132.50	133.65	0.0650				
1259285	133.65	135.00	0.1330				
1259287	135.00	136.50	0.1230				
1259288	136.50	138.00	0.0970				
1259289	138.00	139.50	0.2760				
1259291	139.50	141.00	0.1260				
1259292	141.00	142.30	0.5750				
1259293	142.30	143.30	4.8340				
1259294	143.30	144.30	1.7400				
1259295	144.30	145.50	0.6980				
1259296	145.50	147.00	0.4100				
1259297	147.00	148.50	0.1960				
1259298	148.50	150.00	0.1270				
1259299	150.00	151.00	0.2680				
1259301	151.00	152.00	0.1700				

Hole Number: TL13325

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259302	152.00	153.00	0.4140				
1259303	153.00	154.00	1.5300				
1259304	154.00	155.20	0.1440				
1259305	155.20	156.20	5.5720				
1259306	156.20	157.20	0.3540				
1259308	157.20	158.20	1.1230				
1259309	158.20	159.20	0.3030				
1259311	159.20	160.50	0.2790				
1259312	160.50	162.00	0.0590				
1259313	162.00	163.50	0.0410				
1259314	163.50	164.50	0.1450				
1259315	164.50	165.50	0.0960				
1259316	165.50	166.75	0.0530				
1259317	166.75	167.75	0.9160				
1259318	167.75	168.75	0.3240				
1259319	168.75	169.75	0.4320				
1259321	169.75	171.00	0.1670				
1259322	171.00	172.25	0.0970				
1259323	172.25	173.25	1.1090				
1259324	173.25	174.25	2.4880				
1259325	174.25	175.25	0.4490				
1259327	175.25	176.25	0.6720				
1259328	176.25	177.75	0.3950				
1259329	177.75	179.25	0.0380				
Sample Type	CDUP						
1259226	10.50	12.00	0.1640				
1259246	33.00	34.50	0.3830				
367846	64.00	65.00		0.0250			
367866	81.00	82.00		0.0100			
1259266	99.00	100.00	0.0020				
1259286	133.65	135.00	0.0950				
1259307	156.20	157.20	0.2720				
1259326	174.25	175.25	0.3050				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13325	6.8	8.0	1259222	2.00	2.43	43.00	690.00	2.00	2.00	0.68	2.00	9.00	34.00	25.00	1.28	0.01	24.00	0.50	244.00
TL13325	8.0	9.0	1259223	2.00	1.99	28.00	431.00	1.00	0.50	0.50	2.00	8.00	14.00	26.00	1.02	0.01	21.00	0.42	398.00
TL13325	9.0	10.5	1259224	1.00	2.81	18.00	379.00	1.00	0.50	0.81	2.00	7.00	16.00	31.00	0.98	0.01	21.00	0.53	512.00
TL13325	10.5	12.0	1259225	2.00	3.24	30.00	486.00	1.00	28.00	0.38	2.00	7.00	16.00	11.00	1.24	0.01	26.00	0.46	346.00
TL13325	10.5	12.0	1259226	2.00	2.90	34.00	500.00	1.00	3.00	0.38	2.00	7.00	13.00	15.00	1.40	0.01	25.00	0.41	360.00
TL13325	12.0	13.5	1259227	3.00	2.58	20.00	408.00	2.00	18.00	0.48	2.00	7.00	16.00	18.00	1.04	0.01	23.00	0.41	378.00
TL13325	13.5	15.0	1259228	1.00	2.88	29.00	357.00	2.00	0.50	0.58	2.00	10.00	12.00	9.00	1.17	0.01	22.00	0.46	401.00
TL13325	15.0	16.5	1259229	2.00	2.38	29.00	371.00	1.00	19.00	0.50	2.00	21.00	23.00	32.00	1.29	0.01	24.00	0.44	451.00
TL13325	16.5	17.5	1259231	2.00	2.56	30.00	286.00	1.00	0.50	0.30	2.00	25.00	19.00	58.00	1.34	0.01	19.00	0.43	341.00
TL13325	17.5	18.5	1259232	1.00	1.53	35.00	234.00	1.00	11.00	0.34	2.00	27.00	23.00	22.00	1.40	0.01	19.00	0.47	508.00
TL13325	18.5	19.5	1259233	2.00	3.54	28.00	321.00	1.00	13.00	0.25	2.00	14.00	24.00	22.00	1.09	0.01	21.00	0.37	248.00
TL13325	19.5	21.0	1259234	3.00	3.51	30.00	285.00	1.00	6.00	0.46	2.00	16.00	28.00	32.00	1.10	0.01	23.00	0.47	414.00
TL13325	21.0	22.5	1259235	2.00	3.94	20.00	417.00	1.00	12.00	0.42	2.00	14.00	26.00	23.00	1.25	0.01	27.00	0.47	389.00
TL13325	22.5	23.5	1259236	2.00	3.39	11.00	296.00	1.00	17.00	0.66	2.00	10.00	38.00	13.00	1.68	0.01	28.00	0.51	666.00
TL13325	23.5	25.0	1259237	2.00	3.17	6.00	311.00	2.00	3.00	0.70	2.00	9.00	36.00	14.00	1.69	0.01	25.00	0.58	672.00
TL13325	25.0	26.5	1259238	2.00	2.37	5.00	281.00	2.00	0.50	0.81	2.00	8.00	30.00	16.00	1.53	0.01	23.00	0.50	497.00
TL13325	26.5	27.5	1259239	2.00	2.75	3.00	332.00	3.00	8.00	0.81	2.00	9.00	41.00	20.00	1.79	0.01	23.00	0.56	493.00
TL13325	27.5	28.5	1259241	2.00	1.32	3.00	175.00	1.00	10.00	0.31	2.00	5.00	51.00	13.00	0.72	0.01	20.00	0.26	165.00
TL13325	28.5	30.0	1259242	2.00	2.00	10.00	360.00	1.00	6.00	0.31	2.00	10.00	33.00	33.00	0.86	0.01	23.00	0.41	347.00
TL13325	30.0	31.5	1259243	2.00	1.34	22.00	270.00	1.00	9.00	0.35	2.00	10.00	28.00	23.00	1.03	0.01	22.00	0.35	425.00
TL13325	31.5	33.0	1259244	2.00	3.99	25.00	264.00	2.00	13.00	0.65	2.00	9.00	17.00	21.00	1.25	0.01	24.00	0.53	656.00
TL13325	33.0	34.5	1259245	2.00	5.51	14.00	386.00	1.00	5.00	0.78	2.00	10.00	20.00	26.00	1.37	0.01	28.00	0.57	472.00
TL13325	33.0	34.5	1259246	2.00	4.85	11.00	330.00	2.00	5.00	0.78	2.00	9.00	25.00	26.00	1.26	0.01	28.00	0.53	489.00
TL13325	34.5	36.0	1259247	2.00	3.99	6.00	292.00	1.00	4.00	0.77	2.00	8.00	18.00	15.00	1.34	0.01	26.00	0.57	630.00
TL13325	36.0	37.5	1259248	2.00	3.08	13.00	172.00	1.00	9.00	0.69	2.00	5.00	18.00	18.00	1.62	0.01	23.00	0.67	839.00
TL13325	37.5	39.0	1259249	3.00	3.33	4.00	165.00	2.00	4.00	0.68	2.00	5.00	18.00	13.00	1.38	0.01	25.00	0.70	913.00
TL13325	39.0	40.5	1259251	3.00	2.48	9.00	203.00	1.00	15.00	0.69	2.00	4.00	15.00	6.00	0.90	0.01	23.00	0.80	782.00
TL13325	40.5	42.0	1259252	7.00	2.21	35.00	310.00	2.00	5.00	0.63	2.00	8.00	25.00	16.00	2.12	0.01	24.00	0.56	516.00
TL13325	42.0	43.5	1259253	3.00	2.17	27.00	219.00	1.00	14.00	0.77	2.00	9.00	23.00	4.00	2.01	0.01	23.00	0.58	542.00
TL13325	43.5	45.0	1259254	2.00	2.88	30.00	222.00	1.00	14.00	0.38	2.00	13.00	21.00	36.00	1.95	0.01	29.00	0.79	529.00
TL13325	45.0	46.5	1259255	2.00	3.02	28.00	201.00	2.00	8.00	0.55	2.00	8.00	31.00	7.00	1.32	0.01	23.00	0.51	430.00
TL13325	46.5	48.0	1259256	2.00	4.81	23.00	201.00	2.00	17.00	0.54	2.00	8.00	20.00	8.00	1.15	0.01	25.00	0.56	321.00
TL13325	48.0	49.5	1259257	2.00	3.21	15.00	232.00	2.00	5.00	0.52	2.00	6.00	19.00	22.00	0.74	0.01	26.00	0.42	369.00
TL13325	49.5	51.0	1259258	1.00	0.40	15.00	158.00	1.00	2.00	0.30	2.00	8.00	7.00	7.00	0.69	0.01	10.00	0.37	306.00
TL13325	51.0	52.0	1259259	1.00	12.62	42.00	360.00	2.00	22.00	1.95	2.00	6.00	33.00	16.00	1.15	1.82	59.00	1.00	528.00
TL13325	52.0	53.5	1259261	2.00	2.61	20.00	207.00	2.00	16.00	0.94	2.00	5.00	13.00	16.00	1.04	0.01	23.00	0.55	528.00
TL13325	62.8	64.0	367844	0.50	11.73	17.00	501.00	1.00	2.00	2.44	2.00	6.00	31.00	18.00	1.33	2.31	31.00	1.04	652.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13325	6.8	8.0	1259222	0.50	35.00	352.00	112.00	1.79	2.50	2.50	5.00	133.00	1726.00	1.00	29.00	16.00	3.00	251.00
TL13325	8.0	9.0	1259223	0.50	18.00	380.00	40.00	1.47	2.50	2.50	5.00	122.00	1882.00	1.00	29.00	5.00	2.00	81.00
TL13325	9.0	10.5	1259224	0.50	19.00	380.00	30.00	1.28	2.50	2.50	5.00	128.00	1756.00	1.00	27.00	5.00	3.00	40.00
TL13325	10.5	12.0	1259225	0.50	20.00	427.00	100.00	1.74	2.50	2.50	10.00	129.00	2231.00	1.00	33.00	13.00	3.00	428.00
TL13325	10.5	12.0	1259226	0.50	17.00	421.00	78.00	1.83	2.50	2.50	5.00	128.00	2243.00	1.00	34.00	15.00	2.00	398.00
TL13325	12.0	13.5	1259227	0.50	18.00	456.00	286.00	1.57	2.50	2.50	5.00	134.00	1989.00	1.00	30.00	5.00	3.00	343.00
TL13325	13.5	15.0	1259228	0.50	23.00	459.00	33.00	1.57	2.50	2.50	5.00	128.00	1695.00	1.00	30.00	5.00	3.00	104.00
TL13325	15.0	16.5	1259229	0.50	58.00	417.00	82.00	1.40	2.50	5.00	5.00	140.00	1742.00	1.00	32.00	5.00	3.00	168.00
TL13325	16.5	17.5	1259231	0.50	54.00	413.00	95.00	1.47	2.50	2.50	5.00	135.00	1585.00	1.00	29.00	5.00	3.00	324.00
TL13325	17.5	18.5	1259232	0.50	61.00	365.00	47.00	1.67	2.50	6.00	5.00	133.00	1446.00	1.00	27.00	5.00	2.00	106.00
TL13325	18.5	19.5	1259233	0.50	48.00	391.00	42.00	1.51	2.50	2.50	5.00	126.00	1748.00	1.00	30.00	5.00	3.00	113.00
TL13325	19.5	21.0	1259234	0.50	53.00	416.00	65.00	1.60	2.50	2.50	5.00	138.00	1734.00	1.00	29.00	10.00	3.00	156.00
TL13325	21.0	22.5	1259235	0.50	43.00	449.00	52.00	1.28	2.50	2.50	5.00	143.00	2146.00	1.00	37.00	5.00	3.00	57.00
TL13325	22.5	23.5	1259236	0.50	44.00	447.00	20.00	1.54	2.50	2.50	5.00	159.00	2288.00	1.00	38.00	5.00	3.00	49.00
TL13325	23.5	25.0	1259237	0.50	44.00	398.00	22.00	1.10	2.50	5.00	5.00	152.00	2150.00	1.00	39.00	5.00	4.00	59.00
TL13325	25.0	26.5	1259238	0.50	34.00	393.00	12.00	1.01	2.50	2.50	5.00	161.00	2053.00	1.00	36.00	5.00	3.00	35.00
TL13325	26.5	27.5	1259239	0.50	43.00	442.00	16.00	1.20	2.50	2.50	5.00	176.00	2122.00	1.00	39.00	5.00	4.00	44.00
TL13325	27.5	28.5	1259241	0.50	49.00	211.00	20.00	1.28	2.50	2.50	5.00	134.00	1185.00	1.00	21.00	5.00	3.00	20.00
TL13325	28.5	30.0	1259242	0.50	42.00	275.00	28.00	1.00	2.50	2.50	5.00	139.00	1859.00	1.00	47.00	5.00	3.00	85.00
TL13325	30.0	31.5	1259243	0.50	42.00	356.00	63.00	1.47	2.50	2.50	5.00	143.00	1649.00	1.00	31.00	10.00	2.00	244.00
TL13325	31.5	33.0	1259244	0.50	18.00	480.00	37.00	1.62	2.50	2.50	5.00	166.00	1728.00	1.00	33.00	5.00	4.00	66.00
TL13325	33.0	34.5	1259245	0.50	20.00	449.00	56.00	1.45	5.00	2.50	5.00	179.00	1916.00	1.00	39.00	13.00	4.00	54.00
TL13325	33.0	34.5	1259246	0.50	24.00	615.00	43.00	1.48	2.50	2.50	5.00	174.00	1864.00	1.00	36.00	11.00	4.00	65.00
TL13325	34.5	36.0	1259247	0.50	20.00	433.00	44.00	1.37	2.50	2.50	5.00	165.00	1716.00	1.00	34.00	5.00	3.00	71.00
TL13325	36.0	37.5	1259248	0.50	24.00	397.00	31.00	1.42	2.50	2.50	5.00	158.00	1585.00	1.00	30.00	12.00	3.00	64.00
TL13325	37.5	39.0	1259249	0.50	16.00	358.00	28.00	1.22	2.50	2.50	5.00	160.00	1478.00	1.00	27.00	5.00	3.00	66.00
TL13325	39.0	40.5	1259251	0.50	15.00	333.00	31.00	1.18	2.50	2.50	5.00	147.00	1510.00	1.00	26.00	5.00	3.00	45.00
TL13325	40.5	42.0	1259252	0.50	31.00	359.00	130.00	2.61	6.00	2.50	5.00	125.00	1859.00	1.00	31.00	5.00	3.00	311.00
TL13325	42.0	43.5	1259253	0.50	26.00	403.00	29.00	2.58	2.50	2.50	5.00	132.00	1851.00	1.00	32.00	5.00	3.00	45.00
TL13325	43.5	45.0	1259254	0.50	32.00	402.00	294.00	2.14	7.00	2.50	5.00	116.00	1849.00	1.00	33.00	13.00	3.00	548.00
TL13325	45.0	46.5	1259255	0.50	31.00	366.00	45.00	1.96	2.50	2.50	5.00	112.00	1841.00	1.00	32.00	5.00	3.00	200.00
TL13325	46.5	48.0	1259256	0.50	25.00	367.00	57.00	1.67	2.50	2.50	5.00	119.00	1750.00	1.00	29.00	5.00	4.00	133.00
TL13325	48.0	49.5	1259257	0.50	17.00	356.00	25.00	1.46	2.50	6.00	5.00	120.00	1888.00	1.00	28.00	5.00	3.00	29.00
TL13325	49.5	51.0	1259258	0.50	13.00	270.00	9.00	1.20	2.50	2.50	5.00	94.00	1182.00	1.00	22.00	5.00	2.00	19.00
TL13325	51.0	52.0	1259259	38.00	26.00	405.00	24.00	0.77	2.50	20.00	5.00	158.00	1617.00	6.00	28.00	5.00	9.00	50.00
TL13325	52.0	53.5	1259261	0.50	14.00	333.00	13.00	1.19	2.50	6.00	5.00	130.00	1729.00	1.00	26.00	5.00	3.00	33.00
TL13325	62.8	64.0	367844	9.00	50.00	399.00	22.00	0.17	5.00	2.50	28.00	155.00	1672.00	1.00	41.00	5.00	5.00	42.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13325	64.0	65.0	367845	0.50	8.34	19.00	562.00	1.00	3.00	2.13	2.00	8.00	22.00	19.00	1.72	0.10	17.00	1.01	515.00
TL13325	64.0	65.0	367846	0.50	6.81	12.00	495.00	1.00	9.00	1.75	2.00	7.00	43.00	22.00	1.69	0.01	12.00	0.88	464.00
TL13325	65.0	66.0	367847	0.50	6.17	19.00	407.00	1.00	4.00	1.69	2.00	7.00	25.00	13.00	1.66	0.01	13.00	0.84	498.00
TL13325	66.0	67.0	367848	0.50	6.43	8.00	413.00	1.00	4.00	1.82	2.00	6.00	16.00	10.00	1.53	0.01	12.00	0.86	533.00
TL13325	67.0	68.0	367849	0.50	6.72	17.00	411.00	1.00	8.00	1.98	2.00	6.00	12.00	9.00	1.63	0.01	13.00	0.97	560.00
TL13325	68.0	69.0	367851	0.50	5.86	15.00	312.00	1.00	4.00	1.62	2.00	5.00	20.00	59.00	1.50	0.01	10.00	0.89	520.00
TL13325	69.0	70.0	367852	0.50	6.28	19.00	329.00	1.00	0.50	1.80	2.00	6.00	4.00	14.00	1.50	0.01	10.00	1.01	649.00
TL13325	70.0	71.0	367853	0.50	6.51	8.00	335.00	1.00	0.50	2.34	2.00	6.00	16.00	10.00	1.56	0.09	11.00	1.22	778.00
TL13325	71.0	72.0	367854	0.50	7.07	6.00	380.00	1.00	13.00	1.59	2.00	7.00	32.00	19.00	1.64	0.17	12.00	1.02	582.00
TL13325	72.0	73.0	367855	0.50	6.04	14.00	320.00	1.00	2.00	1.99	2.00	6.00	34.00	18.00	1.79	0.48	12.00	1.22	774.00
TL13325	73.0	74.0	367856	0.50	6.48	13.00	333.00	1.00	5.00	1.92	2.00	7.00	31.00	32.00	1.63	0.01	12.00	1.12	448.00
TL13325	74.0	75.0	367857	0.50	5.84	8.00	339.00	1.00	4.00	1.74	2.00	6.00	24.00	57.00	1.62	0.59	11.00	1.05	433.00
TL13325	75.0	76.0	367858	0.50	6.94	6.00	347.00	1.00	5.00	1.48	2.00	5.00	29.00	9.00	1.54	0.12	14.00	1.29	535.00
TL13325	76.0	77.0	367859	0.50	6.34	13.00	271.00	1.00	0.50	1.40	2.00	5.00	24.00	11.00	1.52	0.26	12.00	1.41	586.00
TL13325	77.0	78.0	367861	0.50	7.35	12.00	259.00	2.00	2.00	2.22	2.00	9.00	24.00	8.00	1.54	0.63	15.00	1.88	934.00
TL13325	78.0	79.0	367862	0.50	6.73	5.00	222.00	2.00	2.00	1.91	2.00	8.00	22.00	9.00	1.78	0.29	12.00	2.07	1014.00
TL13325	79.0	80.0	367863	0.50	6.57	4.00	224.00	2.00	9.00	1.17	2.00	6.00	11.00	7.00	1.72	0.13	13.00	2.00	845.00
TL13325	80.0	81.0	367864	0.50	5.81	11.00	253.00	1.00	2.00	0.99	2.00	5.00	23.00	8.00	1.48	0.01	8.00	1.43	637.00
TL13325	81.0	82.0	367865	0.50	6.13	7.00	246.00	1.00	4.00	1.36	2.00	5.00	20.00	6.00	1.69	0.03	10.00	1.68	764.00
TL13325	81.0	82.0	367866	0.50	6.01	8.00	255.00	2.00	4.00	1.36	2.00	6.00	27.00	6.00	1.71	0.01	10.00	1.63	746.00
TL13325	82.0	83.0	367867	0.50	5.84	7.00	265.00	1.00	8.00	0.76	2.00	6.00	12.00	6.00	1.54	0.01	10.00	1.57	565.00
TL13325	83.0	84.0	367868	0.50	5.36	12.00	262.00	1.00	0.50	0.92	2.00	5.00	15.00	8.00	1.46	0.19	9.00	1.36	536.00
TL13325	84.0	85.0	367869	0.50	5.63	9.00	240.00	1.00	10.00	1.34	2.00	5.00	10.00	3.00	1.50	0.01	10.00	1.54	606.00
TL13325	85.0	86.0	367871	0.50	5.62	11.00	276.00	1.00	3.00	1.59	2.00	4.00	20.00	6.00	1.43	0.42	9.00	1.22	761.00
TL13325	86.0	87.0	367872	0.50	5.24	22.00	274.00	1.00	0.50	0.97	2.00	4.00	22.00	15.00	1.13	0.06	8.00	0.77	472.00
TL13325	87.0	88.0	367873	0.50	6.34	15.00	223.00	2.00	0.50	2.04	2.00	6.00	16.00	16.00	1.81	0.01	13.00	1.36	956.00
TL13325	88.0	88.6	367874	0.50	6.29	17.00	235.00	2.00	7.00	1.52	2.00	12.00	69.00	9.00	1.76	0.01	13.00	1.20	912.00
TL13325	94.5	96.0	1259262	2.00	2.49	9.00	178.00	2.00	0.50	1.41	2.00	5.00	16.00	5.00	1.48	0.01	18.00	0.59	682.00
TL13325	96.0	97.5	1259263	3.00	7.48	6.00	461.00	3.00	24.00	1.87	2.00	11.00	50.00	23.00	2.19	0.01	33.00	0.96	623.00
TL13325	97.5	99.0	1259264	1.00	12.77	40.00	560.00	2.00	14.00	2.36	2.00	9.00	34.00	16.00	2.10	1.84	48.00	1.17	603.00
TL13325	99.0	100.0	1259265	1.00	1.92	16.00	433.00	3.00	8.00	0.69	2.00	9.00	15.00	5.00	1.67	0.01	20.00	0.47	486.00
TL13325	99.0	100.0	1259266	1.00	2.76	20.00	446.00	1.00	15.00	0.96	2.00	8.00	13.00	4.00	1.88	0.01	22.00	0.55	549.00
TL13325	100.0	100.8	1259267	2.00	6.57	25.00	502.00	2.00	19.00	1.64	2.00	11.00	20.00	7.00	2.04	0.01	30.00	1.05	797.00
TL13325	100.8	101.8	1259268	2.00	13.72	59.00	572.00	2.00	23.00	2.21	2.00	6.00	29.00	35.00	2.14	2.01	48.00	1.15	532.00
TL13325	101.8	103.3	1259269	1.00	7.12	47.00	383.00	1.00	8.00	2.10	2.00	7.00	19.00	8.00	2.05	0.01	25.00	1.22	787.00
TL13325	116.1	117.6	1259271	2.00	7.63	7.00	343.00	2.00	14.00	1.30	2.00	24.00	142.00	56.00	3.74	0.01	36.00	1.58	692.00
TL13325	117.6	118.6	1259272	1.00	2.74	12.00	416.00	2.00	13.00	1.24	2.00	8.00	23.00	14.00	1.28	0.01	22.00	0.64	470.00
TL13325	118.6	120.0	1259273	1.00	2.50	22.00	410.00	1.00	20.00	1.30	2.00	7.00	21.00	8.00	1.24	0.01	24.00	0.88	632.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13325	64.0	65.0	367845	0.50	58.00	502.00	23.00	0.11	2.50	2.50	31.00	155.00	1989.00	1.00	50.00	10.00	6.00	58.00
TL13325	64.0	65.0	367846	4.00	112.00	454.00	17.00	0.09	2.50	2.50	33.00	132.00	1798.00	1.00	60.00	5.00	6.00	51.00
TL13325	65.0	66.0	367847	0.50	58.00	447.00	11.00	0.13	2.50	2.50	30.00	132.00	1874.00	1.00	48.00	5.00	6.00	36.00
TL13325	66.0	67.0	367848	0.50	52.00	418.00	8.00	0.06	2.50	2.50	31.00	133.00	1773.00	1.00	43.00	5.00	5.00	29.00
TL13325	67.0	68.0	367849	0.50	45.00	415.00	11.00	0.14	2.50	2.50	31.00	135.00	1805.00	1.00	42.00	5.00	5.00	30.00
TL13325	68.0	69.0	367851	0.50	58.00	387.00	47.00	0.17	2.50	2.50	5.00	126.00	1668.00	4.00	43.00	5.00	5.00	159.00
TL13325	69.0	70.0	367852	0.50	28.00	380.00	16.00	0.27	2.50	2.50	5.00	135.00	1663.00	1.00	35.00	5.00	5.00	47.00
TL13325	70.0	71.0	367853	0.50	48.00	399.00	15.00	0.10	2.50	2.50	5.00	148.00	1757.00	2.00	42.00	5.00	6.00	46.00
TL13325	71.0	72.0	367854	0.50	74.00	433.00	27.00	0.13	2.50	2.50	5.00	122.00	1893.00	1.00	53.00	5.00	6.00	36.00
TL13325	72.0	73.0	367855	3.00	82.00	401.00	194.00	0.13	2.50	2.50	5.00	131.00	1747.00	1.00	53.00	12.00	6.00	104.00
TL13325	73.0	74.0	367856	0.50	81.00	413.00	23.00	0.09	2.50	2.50	5.00	158.00	1799.00	1.00	52.00	5.00	6.00	28.00
TL13325	74.0	75.0	367857	0.50	56.00	391.00	23.00	0.10	2.50	2.50	5.00	149.00	1803.00	1.00	46.00	5.00	5.00	24.00
TL13325	75.0	76.0	367858	0.50	68.00	406.00	13.00	0.05	2.50	2.50	5.00	122.00	1870.00	2.00	50.00	5.00	6.00	37.00
TL13325	76.0	77.0	367859	0.50	60.00	395.00	20.00	0.12	2.50	2.50	5.00	106.00	1681.00	1.00	45.00	5.00	6.00	58.00
TL13325	77.0	78.0	367861	0.50	63.00	424.00	32.00	0.11	2.50	2.50	5.00	129.00	1652.00	4.00	47.00	5.00	6.00	63.00
TL13325	78.0	79.0	367862	0.50	64.00	379.00	24.00	0.07	5.00	2.50	5.00	119.00	1595.00	1.00	44.00	5.00	6.00	74.00
TL13325	79.0	80.0	367863	0.50	39.00	398.00	23.00	0.07	2.50	2.50	5.00	91.00	1663.00	5.00	38.00	5.00	6.00	78.00
TL13325	80.0	81.0	367864	0.50	65.00	371.00	22.00	0.15	2.50	2.50	5.00	84.00	1479.00	4.00	45.00	5.00	5.00	68.00
TL13325	81.0	82.0	367865	0.50	58.00	380.00	21.00	0.06	5.00	2.50	5.00	92.00	1628.00	1.00	44.00	5.00	5.00	47.00
TL13325	81.0	82.0	367866	0.50	69.00	377.00	18.00	0.06	2.50	2.50	5.00	91.00	1636.00	1.00	47.00	13.00	5.00	45.00
TL13325	82.0	83.0	367867	0.50	41.00	374.00	17.00	0.09	2.50	2.50	5.00	78.00	1627.00	3.00	39.00	5.00	5.00	35.00
TL13325	83.0	84.0	367868	0.50	49.00	387.00	9.00	0.08	2.50	2.50	5.00	82.00	1628.00	1.00	41.00	5.00	5.00	29.00
TL13325	84.0	85.0	367869	0.50	38.00	372.00	9.00	0.09	2.50	2.50	5.00	89.00	1626.00	1.00	38.00	5.00	5.00	25.00
TL13325	85.0	86.0	367871	0.50	54.00	386.00	8.00	0.10	2.50	2.50	5.00	84.00	1650.00	1.00	44.00	5.00	5.00	21.00
TL13325	86.0	87.0	367872	0.50	58.00	345.00	4.00	0.21	2.50	2.50	5.00	66.00	1482.00	1.00	42.00	5.00	5.00	12.00
TL13325	87.0	88.0	367873	0.50	48.00	404.00	10.00	0.22	2.50	2.50	5.00	83.00	1778.00	3.00	45.00	5.00	6.00	29.00
TL13325	88.0	88.6	367874	0.50	62.00	406.00	9.00	0.19	2.50	2.50	5.00	79.00	2281.00	1.00	67.00	10.00	8.00	25.00
TL13325	94.5	96.0	1259262	0.50	16.00	325.00	16.00	1.44	2.50	2.50	5.00	123.00	1631.00	1.00	26.00	5.00	2.00	22.00
TL13325	96.0	97.5	1259263	0.50	34.00	537.00	45.00	1.94	2.50	2.50	5.00	191.00	2482.00	1.00	43.00	16.00	8.00	32.00
TL13325	97.5	99.0	1259264	35.00	25.00	537.00	35.00	1.93	2.50	5.00	5.00	173.00	2000.00	4.00	39.00	5.00	11.00	77.00
TL13325	99.0	100.0	1259265	0.50	21.00	507.00	41.00	2.26	2.50	2.50	5.00	119.00	2236.00	1.00	36.00	5.00	3.00	142.00
TL13325	99.0	100.0	1259266	0.50	14.00	511.00	36.00	2.44	2.50	2.50	5.00	127.00	2202.00	1.00	36.00	5.00	3.00	105.00
TL13325	100.0	100.8	1259267	0.50	24.00	624.00	28.00	2.59	2.50	2.50	5.00	167.00	2550.00	1.00	42.00	5.00	6.00	42.00
TL13325	100.8	101.8	1259268	38.00	25.00	534.00	227.00	2.16	2.50	17.00	5.00	131.00	1809.00	2.00	34.00	18.00	12.00	1175.00
TL13325	101.8	103.3	1259269	0.50	53.00	519.00	28.00	1.05	2.50	24.00	5.00	129.00	1993.00	5.00	38.00	5.00	8.00	47.00
TL13325	116.1	117.6	1259271	0.50	83.00	587.00	28.00	2.15	2.50	2.50	5.00	154.00	3221.00	1.00	96.00	5.00	13.00	62.00
TL13325	117.6	118.6	1259272	0.50	25.00	323.00	20.00	1.34	2.50	2.50	5.00	127.00	1867.00	1.00	29.00	5.00	3.00	26.00
TL13325	118.6	120.0	1259273	0.50	27.00	314.00	20.00	1.51	2.50	2.50	5.00	123.00	1677.00	1.00	25.00	5.00	3.00	43.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13325	120.0	121.5	1259274	1.00	7.49	29.00	501.00	2.00	0.50	1.60	2.00	6.00	32.00	47.00	1.23	0.01	29.00	1.10	514.00
TL13325	121.5	123.0	1259275	2.00	0.91	22.00	407.00	2.00	16.00	0.31	2.00	7.00	22.00	15.00	1.11	0.01	21.00	0.34	311.00
TL13325	123.0	124.5	1259276	2.00	0.65	24.00	403.00	1.00	0.50	0.28	2.00	8.00	19.00	4.00	0.96	0.01	22.00	0.30	291.00
TL13325	124.5	126.0	1259277	0.50	12.06	43.00	656.00	1.00	17.00	2.67	2.00	5.00	26.00	7.00	1.21	1.82	43.00	1.24	483.00
TL13325	126.0	127.5	1259278	0.50	12.21	42.00	703.00	1.00	19.00	2.20	2.00	5.00	27.00	8.00	1.15	2.10	39.00	1.20	437.00
TL13325	127.5	129.0	1259279	2.00	3.47	17.00	545.00	2.00	10.00	1.41	2.00	7.00	20.00	15.00	1.32	0.01	26.00	0.76	651.00
TL13325	129.0	130.5	1259281	3.00	2.85	30.00	367.00	1.00	14.00	1.49	2.00	10.00	42.00	23.00	1.66	0.01	25.00	0.71	723.00
TL13325	130.5	131.5	1259282	4.00	1.90	50.00	330.00	2.00	3.00	0.94	5.00	15.00	76.00	49.00	2.27	0.01	17.00	0.68	600.00
TL13325	131.5	132.5	1259283	1.00	3.05	11.00	308.00	2.00	7.00	0.73	2.00	8.00	36.00	16.00	1.39	0.01	19.00	0.50	394.00
TL13325	132.5	133.7	1259284	0.50	7.07	28.00	476.00	2.00	0.50	1.64	2.00	7.00	29.00	11.00	1.64	0.01	25.00	1.25	582.00
TL13325	133.7	135.0	1259285	2.00	2.45	27.00	185.00	2.00	10.00	0.42	2.00	27.00	96.00	81.00	2.90	0.01	18.00	1.13	430.00
TL13325	133.7	135.0	1259286	2.00	1.78	22.00	205.00	1.00	16.00	0.48	2.00	26.00	106.00	74.00	2.90	0.01	21.00	1.03	427.00
TL13325	135.0	136.5	1259287	2.00	4.87	242.00	174.00	2.00	12.00	0.77	6.00	15.00	116.00	406.00	3.10	0.04	36.00	1.15	414.00
TL13325	136.5	138.0	1259288	2.00	1.17	32.00	167.00	2.00	8.00	0.39	2.00	17.00	107.00	45.00	2.78	0.01	22.00	1.13	435.00
TL13325	138.0	139.5	1259289	2.00	5.14	68.00	161.00	1.00	31.00	0.61	5.00	19.00	120.00	42.00	3.47	0.11	40.00	1.75	393.00
TL13325	139.5	141.0	1259291	2.00	1.90	44.00	140.00	2.00	8.00	0.66	2.00	16.00	107.00	34.00	2.92	0.01	28.00	1.33	544.00
TL13325	141.0	142.3	1259292	2.00	3.03	90.00	208.00	2.00	16.00	0.53	2.00	21.00	128.00	39.00	3.74	0.01	27.00	1.40	400.00
TL13325	142.3	143.3	1259293	2.00	1.95	65.00	221.00	2.00	22.00	0.11	2.00	18.00	125.00	58.00	2.99	0.01	22.00	0.95	382.00
TL13325	143.3	144.3	1259294	3.00	1.86	83.00	239.00	2.00	10.00	0.32	14.00	16.00	111.00	63.00	2.95	0.01	19.00	0.42	226.00
TL13325	144.3	145.5	1259295	3.00	1.81	61.00	184.00	2.00	25.00	0.67	2.00	16.00	120.00	46.00	2.85	0.01	19.00	0.71	374.00
TL13325	145.5	147.0	1259296	2.00	1.94	34.00	196.00	3.00	28.00	0.38	2.00	20.00	128.00	41.00	2.99	0.01	26.00	1.19	534.00
TL13325	147.0	148.5	1259297	2.00	2.50	53.00	228.00	2.00	20.00	0.45	2.00	20.00	136.00	95.00	3.54	0.01	27.00	1.06	546.00
TL13325	148.5	150.0	1259298	2.00	0.01	17.00	97.00	1.00	6.00	0.12	2.00	14.00	92.00	29.00	2.25	0.01	14.00	0.90	319.00
TL13325	150.0	151.0	1259299	1.00	2.82	20.00	120.00	1.00	12.00	0.06	2.00	15.00	93.00	26.00	2.50	0.01	25.00	1.51	417.00
TL13325	151.0	152.0	1259301	2.00	3.87	56.00	153.00	2.00	28.00	0.19	2.00	16.00	108.00	33.00	3.08	0.01	44.00	1.73	442.00
TL13325	152.0	153.0	1259302	2.00	1.87	59.00	190.00	2.00	12.00	0.18	2.00	17.00	97.00	45.00	2.87	0.01	25.00	0.91	385.00
TL13325	153.0	154.0	1259303	1.00	1.13	8.00	60.00	1.00	20.00	0.01	2.00	12.00	75.00	21.00	2.14	0.01	10.00	1.08	334.00
TL13325	154.0	155.2	1259304	2.00	1.50	15.00	100.00	1.00	3.00	0.06	2.00	13.00	81.00	27.00	2.25	0.01	15.00	1.08	333.00
TL13325	155.2	156.2	1259305	15.00	1.29	94.00	166.00	1.00	19.00	0.01	13.00	10.00	42.00	68.00	2.80	0.01	15.00	0.36	155.00
TL13325	156.2	157.2	1259306	2.00	2.44	33.00	171.00	1.00	27.00	1.02	2.00	17.00	73.00	84.00	2.94	0.01	22.00	0.96	615.00
TL13325	156.2	157.2	1259307	1.00	2.93	21.00	152.00	1.00	0.50	0.89	2.00	13.00	64.00	42.00	2.21	0.01	21.00	1.24	561.00
TL13325	157.2	158.2	1259308	10.00	2.48	46.00	169.00	1.00	1.00	0.16	4.00	6.00	19.00	58.00	1.35	0.01	9.00	0.55	177.00
TL13325	158.2	159.2	1259309	3.00	1.80	54.00	253.00	1.00	9.00	0.36	2.00	13.00	83.00	33.00	2.28	0.01	18.00	0.72	265.00
TL13325	159.2	160.5	1259311	3.00	1.46	28.00	262.00	2.00	7.00	0.49	2.00	17.00	108.00	28.00	2.74	0.01	25.00	1.08	460.00
TL13325	160.5	162.0	1259312	2.00	2.67	17.00	234.00	2.00	12.00	0.70	2.00	18.00	119.00	39.00	3.05	0.01	21.00	1.05	491.00
TL13325	162.0	163.5	1259313	1.00	5.38	12.00	211.00	3.00	12.00	1.10	2.00	17.00	118.00	41.00	3.30	0.01	24.00	1.51	438.00
TL13325	163.5	164.5	1259314	1.00	0.01	11.00	37.00	1.00	7.00	0.02	2.00	9.00	64.00	30.00	1.90	0.01	0.50	0.57	315.00
TL13325	164.5	165.5	1259315	1.00	0.01	5.00	54.00	1.00	14.00	0.05	2.00	12.00	77.00	27.00	2.03	0.01	6.00	0.68	390.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13325	120.0	121.5	1259274	2.00	54.00	358.00	49.00	0.57	2.50	30.00	5.00	143.00	1720.00	9.00	29.00	13.00	7.00	498.00
TL13325	121.5	123.0	1259275	0.50	22.00	341.00	36.00	1.88	2.50	2.50	5.00	95.00	1902.00	1.00	28.00	5.00	2.00	138.00
TL13325	123.0	124.5	1259276	0.50	21.00	311.00	15.00	1.68	2.50	2.50	5.00	91.00	1854.00	1.00	25.00	5.00	2.00	20.00
TL13325	124.5	126.0	1259277	33.00	16.00	338.00	29.00	0.66	2.50	14.00	5.00	130.00	1641.00	2.00	26.00	5.00	8.00	40.00
TL13325	126.0	127.5	1259278	33.00	21.00	329.00	13.00	0.66	2.50	17.00	5.00	130.00	1577.00	7.00	25.00	5.00	9.00	26.00
TL13325	127.5	129.0	1259279	0.50	22.00	352.00	27.00	1.70	5.00	5.00	5.00	144.00	1909.00	1.00	27.00	5.00	3.00	44.00
TL13325	129.0	130.5	1259281	0.50	29.00	415.00	98.00	1.89	2.50	6.00	5.00	112.00	1934.00	1.00	42.00	5.00	4.00	188.00
TL13325	130.5	131.5	1259282	0.50	51.00	472.00	534.00	2.74	2.50	2.50	5.00	105.00	2210.00	1.00	59.00	31.00	4.00	1590.00
TL13325	131.5	132.5	1259283	0.50	31.00	323.00	41.00	1.39	2.50	8.00	5.00	115.00	1893.00	1.00	34.00	5.00	3.00	131.00
TL13325	132.5	133.7	1259284	2.00	58.00	568.00	36.00	0.47	2.50	30.00	5.00	131.00	1785.00	36.00	34.00	5.00	8.00	89.00
TL13325	133.7	135.0	1259285	0.50	63.00	342.00	59.00	2.06	2.50	2.50	5.00	86.00	1586.00	1.00	56.00	5.00	4.00	142.00
TL13325	133.7	135.0	1259286	0.50	73.00	367.00	96.00	2.19	2.50	2.50	5.00	92.00	1677.00	1.00	58.00	5.00	4.00	146.00
TL13325	135.0	136.5	1259287	5.00	102.00	470.00	238.00	1.47	2.50	29.00	26.00	110.00	1698.00	26.00	70.00	25.00	8.00	1638.00
TL13325	136.5	138.0	1259288	0.50	71.00	435.00	74.00	1.85	2.50	2.50	5.00	89.00	2003.00	1.00	69.00	5.00	3.00	359.00
TL13325	138.0	139.5	1259289	0.50	77.00	478.00	102.00	2.78	2.50	2.50	5.00	96.00	1707.00	1.00	66.00	22.00	7.00	973.00
TL13325	139.5	141.0	1259291	0.50	66.00	439.00	70.00	2.13	2.50	2.50	5.00	101.00	1918.00	1.00	70.00	5.00	3.00	162.00
TL13325	141.0	142.3	1259292	0.50	85.00	479.00	64.00	3.07	2.50	5.00	5.00	92.00	1902.00	1.00	86.00	5.00	5.00	151.00
TL13325	142.3	143.3	1259293	0.50	73.00	477.00	59.00	2.63	2.50	2.50	5.00	79.00	2019.00	1.00	83.00	10.00	3.00	224.00
TL13325	143.3	144.3	1259294	0.50	63.00	358.00	143.00	3.70	2.50	2.50	5.00	92.00	1327.00	1.00	66.00	71.00	3.00	3806.00
TL13325	144.3	145.5	1259295	0.50	63.00	473.00	114.00	2.81	2.50	2.50	5.00	97.00	1578.00	1.00	68.00	5.00	3.00	207.00
TL13325	145.5	147.0	1259296	0.50	66.00	527.00	58.00	1.98	2.50	2.50	5.00	86.00	2278.00	1.00	85.00	5.00	3.00	131.00
TL13325	147.0	148.5	1259297	0.50	78.00	517.00	95.00	2.41	2.50	2.50	5.00	89.00	2181.00	1.00	96.00	10.00	4.00	149.00
TL13325	148.5	150.0	1259298	0.50	55.00	355.00	54.00	1.40	2.50	2.50	5.00	56.00	1295.00	1.00	63.00	5.00	2.00	301.00
TL13325	150.0	151.0	1259299	0.50	56.00	371.00	42.00	1.21	2.50	2.50	5.00	60.00	1351.00	1.00	58.00	5.00	6.00	57.00
TL13325	151.0	152.0	1259301	0.50	66.00	449.00	54.00	1.98	2.50	2.50	5.00	71.00	1586.00	1.00	66.00	5.00	6.00	221.00
TL13325	152.0	153.0	1259302	0.50	62.00	353.00	91.00	2.46	2.50	2.50	5.00	74.00	1429.00	1.00	63.00	13.00	4.00	412.00
TL13325	153.0	154.0	1259303	0.50	51.00	329.00	30.00	1.06	2.50	2.50	5.00	49.00	1051.00	1.00	50.00	5.00	5.00	51.00
TL13325	154.0	155.2	1259304	0.50	52.00	367.00	40.00	1.45	2.50	2.50	5.00	56.00	1351.00	1.00	55.00	5.00	4.00	170.00
TL13325	155.2	156.2	1259305	0.50	40.00	377.00	664.00	3.73	13.00	2.50	5.00	66.00	1215.00	1.00	39.00	98.00	3.00	8197.00
TL13325	156.2	157.2	1259306	0.50	57.00	474.00	109.00	2.42	6.00	2.50	5.00	94.00	1799.00	1.00	60.00	10.00	4.00	183.00
TL13325	156.2	157.2	1259307	0.50	46.00	413.00	74.00	1.48	5.00	5.00	5.00	76.00	1518.00	1.00	53.00	5.00	6.00	105.00
TL13325	157.2	158.2	1259308	0.50	26.00	313.00	1067.00	1.45	8.00	2.50	5.00	58.00	1135.00	1.00	28.00	23.00	3.00	902.00
TL13325	158.2	159.2	1259309	0.50	59.00	389.00	188.00	2.25	2.50	2.50	5.00	81.0	1460.00	1.00	52.00	13.00	3.00	213.00
TL13325	159.2	160.5	1259311	0.50	75.00	476.00	60.00	1.67	5.00	2.50	5.00	86.00	2150.00	1.00	71.00	5.00	3.00	106.00
TL13325	160.5	162.0	1259312	0.50	83.00	530.00	31.00	1.16	2.50	2.50	5.00	106.00	2396.00	1.00	74.00	5.00	6.00	78.00
TL13325	162.0	163.5	1259313	0.50	87.00	511.00	32.00	1.06	2.50	6.00	5.00	125.00	2031.00	1.00	65.00	5.00	10.00	75.00
TL13325	163.5	164.5	1259314	0.50	54.00	245.00	39.00	1.18	2.50	2.50	5.00	44.00	838.00	1.00	38.00	5.00	2.00	53.00
TL13325	164.5	165.5	1259315	0.50	57.00	298.00	25.00	0.95	2.50	2.50	5.00	47.00	1031.00	1.00	51.00	5.00	2.00	46.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13325	165.5	166.8	1259316	2.00	1.44	20.00	247.00	1.00	10.00	0.78	2.00	17.00	112.00	38.00	2.56	0.01	20.00	0.77	551.00
TL13325	166.8	167.8	1259317	3.00	1.64	98.00	174.00	2.00	11.00	0.39	2.00	17.00	115.00	66.00	3.04	0.05	19.00	0.61	379.00
TL13325	167.8	168.8	1259318	4.00	1.21	96.00	192.00	2.00	19.00	0.17	4.00	19.00	134.00	105.00	2.99	0.01	17.00	0.62	423.00
TL13325	168.8	169.8	1259319	3.00	1.83	23.00	251.00	2.00	29.00	0.45	2.00	22.00	146.00	84.00	3.41	0.01	21.00	0.71	432.00
TL13325	169.8	171.0	1259321	2.00	0.68	9.00	199.00	1.00	6.00	0.44	2.00	20.00	122.00	45.00	2.80	0.01	15.00	0.73	503.00
TL13325	171.0	172.3	1259322	2.00	1.84	9.00	197.00	2.00	14.00	0.69	2.00	17.00	99.00	44.00	2.68	0.01	16.00	0.85	499.00
TL13325	172.3	173.3	1259323	7.00	0.37	148.00	443.00	2.00	17.00	0.01	2.00	20.00	126.00	83.00	3.16	0.01	22.00	0.27	157.00
TL13325	173.3	174.3	1259324	4.00	7.30	143.00	477.00	2.00	0.50	0.65	2.00	14.00	122.00	122.00	2.54	0.03	36.00	0.73	288.00
TL13325	174.3	175.3	1259325	2.00	2.74	43.00	352.00	2.00	6.00	0.71	2.00	9.00	32.00	47.00	1.49	0.01	25.00	0.78	639.00
TL13325	174.3	175.3	1259326	2.00	2.71	40.00	338.00	2.00	13.00	0.69	2.00	8.00	26.00	30.00	1.53	0.01	23.00	0.77	643.00
TL13325	175.3	176.3	1259327	2.00	3.56	49.00	278.00	1.00	5.00	0.93	2.00	10.00	26.00	65.00	2.13	0.10	30.00	0.97	733.00
TL13325	176.3	177.8	1259328	2.00	1.84	64.00	292.00	1.00	8.00	0.49	2.00	10.00	22.00	44.00	1.78	0.01	25.00	0.59	548.00
TL13325	177.8	179.3	1259329	2.00	1.44	16.00	226.00	2.00	3.00	0.78	2.00	7.00	24.00	23.00	1.19	0.01	18.00	0.53	642.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13325	165.5	166.8	1259316	0.50	70.00	468.00	34.00	1.51	2.50	2.50	5.00	99.00	2230.00	1.00	76.00	5.00	4.00	55.00
TL13325	166.8	167.8	1259317	0.50	86.00	519.00	127.00	3.02	2.50	2.50	5.00	85.00	1519.00	1.00	68.00	23.00	4.00	892.00
TL13325	167.8	168.8	1259318	0.50	102.00	444.00	148.00	2.71	2.50	2.50	5.00	86.00	1609.00	1.00	81.00	26.00	4.00	1079.00
TL13325	168.8	169.8	1259319	0.50	98.00	479.00	102.00	2.22	2.50	2.50	5.00	118.00	2104.00	1.00	104.00	13.00	4.00	271.00
TL13325	169.8	171.0	1259321	0.50	81.00	393.00	61.00	1.20	2.50	2.50	5.00	104.00	2344.00	1.00	80.00	5.00	3.00	131.00
TL13325	171.0	172.3	1259322	0.50	68.00	380.00	116.00	1.24	2.50	2.50	5.00	101.00	1886.00	1.00	64.00	5.00	5.00	74.00
TL13325	172.3	173.3	1259323	0.50	95.00	364.00	481.00	3.88	7.00	2.50	5.00	69.00	1877.00	1.00	79.00	14.00	3.00	480.00
TL13325	173.3	174.3	1259324	7.00	118.00	458.00	287.00	2.17	2.50	31.00	5.00	108.00	2049.00	26.00	81.00	13.00	10.00	525.00
TL13325	174.3	175.3	1259325	0.50	51.00	467.00	90.00	1.62	2.50	2.50	5.00	97.00	1988.00	1.00	37.00	13.00	3.00	120.00
TL13325	174.3	175.3	1259326	0.50	45.00	453.00	70.00	1.51	2.50	2.50	5.00	95.00	1912.00	1.00	36.00	13.00	3.00	137.00
TL13325	175.3	176.3	1259327	0.50	43.00	458.00	521.00	2.01	2.50	5.00	5.00	121.00	1925.00	1.00	36.00	25.00	4.00	958.00
TL13325	176.3	177.8	1259328	0.50	36.00	436.00	40.00	1.98	2.50	2.50	5.00	96.00	2076.00	1.00	36.00	14.00	2.00	81.00
TL13325	177.8	179.3	1259329	0.50	23.00	388.00	53.00	1.38	5.00	2.50	5.00	113.00	1936.00	1.00	32.00	21.00	2.00	211.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13325	6.8	23.6	16.9	SPH	ST	0.1	Trace to 1% sph stringers
TL13325	6.8	23.6	16.9	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13325	17.0	17.0	0.0	AU	ST	1	*PICTURE* 1mm wide by 25mm long string of Au blebs parallel to foliation
TL13325	23.6	27.5	3.9	PY	DISS	2	1-2% diss. py
TL13325	27.5	52.0	24.5	SPH	ST	0.1	Trace sph stringers
TL13325	27.5	52.0	24.5	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13325	52.0	96.1	44.1	PO	BLB	0.1	Trace po blebs around py and qz veins
TL13325	52.0	96.1	44.1	PY	DISS	2	1-2% diss. py, uncommon stringers and blebs
TL13325	72.2	72.3	0.1	PB	BLB	0.1	Trace gn blebs found with po/py stringer
TL13325	96.1	102.0	5.9	SPH	ST	0.1	Trace sph stringers
TL13325	96.1	102.0	5.9	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13325	100.9	101.1	0.2	PB	BLB	0.1	Trace gn blebs with py/sph
TL13325	100.9	101.1	0.2	SPH	ST	3	3% sph stringers with abundant py
TL13325	100.9	101.1	0.2	PY	ST	10	Condensed py stringers around deformed qz veins
TL13325	102.0	117.6	15.6	PY	DISS	2	1-2% diss. py, local blebs
TL13325	102.0	117.6	15.6	CP	BLB	0.1	Trace cpy blebs, found in qz-chl-amph bands
TL13325	102.0	117.6	15.6	PO	BLB	1	Trace to 1% po blebs found near qz veins and within qz-chl-amph bands
TL13325	102.0	117.6	15.6	SPH	ST	0.1	Trace sph stringers
TL13325	117.6	129.5	12.0	PY	DISS	2	1-2% diss. py, uncommon blebs and stringers
TL13325	129.5	133.7	4.2	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13325	130.5	132.0	1.5	PB	BLB	0.1	Trace gn blebs with sph stringers
TL13325	130.5	132.0	1.5	SPH	ST	2	1-2% sph stringers
TL13325	133.7	143.2	9.6	SPH	ST	0.1	Trace sph stringers
TL13325	133.7	147.0	13.4	PY	DISS	6	5-6% diss. py, abundant blebs and stringers
TL13325	133.7	155.2	21.6	PO	BLB	1	Trace to 1% po blebs, found with qz veins or sometimes other sulfides
TL13325	143.2	144.3	1.1	SPH	ST	3	2-3% sph in common stringers
TL13325	143.2	144.3	1.1	PB	BLB	1	1% gn blebs with sph stringers
TL13325	144.3	155.2	10.9	SPH	ST	0.1	Trace sph stringers
TL13325	147.0	155.2	8.2	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13325	155.2	159.2	4.0	PB	BLB	1	1% gn associated with sph and deformed qz veins
TL13325	155.2	159.2	4.0	PY	DISS	5	4-5% py, abundant blebs and stringers
TL13325	155.2	159.2	4.0	SPH	ST	3	2-3% sph stringers, often near deformed qz veins
TL13325	155.2	159.2	4.0	CP	BLB	0.1	Trace cpy blebs
TL13325	159.2	165.5	6.4	PY	DISS	2	1-2% diss. py, uncommon blebs and stringers
TL13325	159.2	172.3	13.1	PO	BLB	1	Trace to 1% po blebs, found with qz veins or sometimes other sulfides
TL13325	163.5	163.6	0.1	CP	BLB	1	Cpy blebs within semi-massive po band
TL13325	163.5	163.6	0.1	PO	SMASS	20	Semi-massive band of po
TL13325	165.5	169.3	3.8	PY	DISS	4	3-4% diss. py, local blebs and stringers

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13325	166.9	169.1	2.3	PB	BLB	0.1	Trace gn blebs with sph
TL13325	166.9	169.1	2.3	SPH	ST	1	1-2% sph stringers
TL13325	169.3	172.3	3.0	PY	DISS	2	1-2% diss. py, uncommon blebs and stringers
TL13325	172.3	175.5	3.3	PB	BLB	0.1	Trace gn blebs
TL13325	172.3	175.5	3.3	SPH	ST	1	1% sph stringers
TL13325	172.3	177.9	5.7	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13325	177.9	198.0	20.1	SPH	ST	0.1	Trace sph stringers
TL13325	177.9	198.0	20.1	PO	BLB	0.1	Trace po blebs, found with qz veins or sometimes other sulfides
TL13325	177.9	198.0	20.1	PY	DISS	2	1-2% diss. py, local blebs and stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13325	6.8	23.6	16.9	FOL	Moderate	40	
TL13325	6.8	23.6	16.9	Fold	Weak		Weak to moderate folding around qz veins
TL13325	6.8	23.6	16.9	FR	Weak	50	Fracture set 40-60 deg TCA, some with marginal alt and infilled with qz or dark tourm
TL13325	15.0	15.3	0.3	Fold	Moderate	20	F2 fold adjacent to qz vein, axial plane 20 deg TCA
TL13325	23.6	27.5	3.9	FOL	Moderate	45	
TL13325	27.1	27.1	0.1	Fold	Strong	55	F2 fold, axial plane 55 deg TCA
TL13325	27.5	52.0	24.5	FR	Weak	50	Fracture set 40-60 deg TCA, some with marginal alt and infilled with qz or dark tourm
TL13325	27.5	52.0	24.5	FOL	Moderate	45	40-50 deg TCA
TL13325	27.5	52.0	24.5	Fold	Moderate		Weak to moderate folding around qz veins
TL13325	28.9	29.0	0.1	Fold	Strong	25	F2 fold, axial plane 25 deg TCA
TL13325	40.6	40.7	0.1	FTZ	Moderate		Fault x-cutting foliation, minor unlithified fault gouge, 20 deg TCA
TL13325	52.0	70.0	18.0	FOL	Moderate	47	45-50 deg TCA
TL13325	70.0	96.1	26.1	FOL	Moderate	50	
TL13325	70.0	96.1	26.1	FR	Weak	50	Fracture set 40-60 deg TCA, some with marginal alt and infilled with qz or dark tourm
TL13325	82.7	82.9	0.2	FTZ	Weak	80	Possible micro faults, minor unlithified fault gouge
TL13325	96.1	102.0	5.9	FR	Weak	70	Fracture set 60-80 deg TCA, minor marginal alt
TL13325	96.1	102.0	5.9	FOL	Moderate	50	45-55 deg TCA
TL13325	102.0	117.6	15.6	FOL	Moderate	52	50-55 deg TCA
TL13325	102.0	117.6	15.6	FR		50	Fracture set 40-60 deg TCA, some with marginal alt and infilled with qz-carb
TL13325	117.6	133.7	16.1	FR	Weak	50	Fracture set 40-60 deg TCA, some with minor to moderate marginal alt and infilled with qz or dark tourm
TL13325	117.6	133.7	16.1	FOL	Moderate	45	
TL13325	133.7	155.2	21.6	SHZ	Moderate		Increased shearing/fabric around abundant porphyroblasts
TL13325	133.7	155.2	21.6	FR	Weak	50	Fracture set 40-60 deg TCA, some with minor marginal alt and infilled with qz-carb or dark tourm
TL13325	133.7	155.2	21.6	FOL	Moderate	52	50-55 deg TCA
TL13325	155.2	159.2	4.0	Fold	Weak		Irregular folding of qz veins
TL13325	155.2	159.2	4.0	FOL	Moderate	50	
TL13325	159.2	161.1	2.0	SHZ	Moderate		Increased shearing/fabric around abundant porphyroblasts
TL13325	159.2	172.3	13.1	FOL	Moderate	45	
TL13325	160.0	160.3	0.3	FTZ	Moderate		Possible fault zone, abundant rubble with minor fault gouge
TL13325	172.3	177.9	5.7	FR	Weak	50	Fracture set 40-60 deg TCA, some with marginal alt and infilled with qz or dark tourm
TL13325	172.3	177.9	5.7	FOL	Moderate	50	

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13325	177.9	198.0	20.1	FR	Weak		Fracture set 40-60 deg TCA, some with marginal alt and infilled with qz or dark tourm
TL13325	177.9	198.0	20.1	FOL	Moderate	55	

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13325	6.8	23.6	16.9	SR	Patchy	Strong	Semi-pervasive sericite, 85% sr 15% bio
TL13325	6.8	23.6	16.9	SI	Pervasive	Strong	Strong silicification
TL13325	23.6	27.5	3.9	SI	Pervasive	Strong	Strong silicification
TL13325	23.6	27.5	3.9	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13325	27.5	52.0	24.5	SI	Pervasive	Strong	Strong silicification
TL13325	27.5	52.0	24.5	SR	Patchy	Strong	Semi-pervasive sericite, 70% sr 30% bio
TL13325	43.5	44.5	1.0	CH	Fract-Cont	Weak	Weak to moderate chl alteration around group of fractures
TL13325	52.0	96.1	44.1	SI	Pervasive	Moderate	Weak to moderate silicification
TL13325	52.0	96.1	44.1	SR	Patchy	Weak	Semi-pervasive sericite, 25% sr 75% bio, uncommon patches of strong sr up to 30cm
TL13325	89.4	89.8	0.4	CH	Fract-Cont	Weak	Weak to moderate chl alteration around fractures
TL13325	96.1	102.0	5.9	SR	Patchy	Moderate	Semi-pervasive sericite, 50% sr 50% bio, gradual contacts to BMS
TL13325	96.1	102.0	5.9	SI	Pervasive	Weak	Weak to moderate silicification
TL13325	102.0	117.6	15.6	SR	Patchy	Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13325	102.0	117.6	15.6	SI	Pervasive	Weak	
TL13325	106.2	106.4	0.2	CH	Fract-Cont	Weak	Weak to moderate chl alteration around fractures
TL13325	117.6	120.4	2.9	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13325	117.6	133.7	16.1	SI	Pervasive	Weak	Weak to moderate silicification
TL13325	120.4	124.8	4.4	SR	Patchy	Very Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13325	123.0	130.0	7.0	CH	Fract-Cont	Moderate	Weak to moderate chl alteration around fractures
TL13325	124.8	133.7	8.9	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13325	133.7	142.0	8.4	SR	Patchy	Very Weak	Semi-pervasive sericite, 5% sr 95% bio
TL13325	133.7	155.2	21.6	SI	Pervasive	Weak	Weak silicification
TL13325	142.0	146.0	4.0	SR	Patchy	Strong	Semi-pervasive sericite, 70% sr 30% bio
TL13325	143.2	144.5	1.3	CH	Pervasive	Moderate	Moderate pervasive chl overprinting of strong sr patch
TL13325	146.0	155.2	9.2	SR	Patchy	Very Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13325	155.2	159.2	4.0	SR	Patchy	Strong	Semi-pervasive sericite, 85% sr 15% bio
TL13325	155.2	159.2	4.0	SI	Pervasive	Moderate	Moderate silicification
TL13325	159.2	165.8	6.7	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13325	159.2	172.3	13.1	SI	Pervasive	Weak	
TL13325	165.8	172.3	6.5	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio, stron patches have darker look
TL13325	172.3	177.9	5.7	SR	Patchy	Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13325	172.3	177.9	5.7	SI	Pervasive	Strong	Strong silicification
TL13325	172.3	177.9	5.7	CH	Fract-Cont	Weak	Weak to moderate chl alteration around fractures
TL13325	177.9	198.0	20.1	SR	Patchy	Weak	Semi-pervasive sericite, 35% sr 65% bio
TL13325	177.9	198.0	20.1	SI	Pervasive	Moderate	Moderate silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13325	9	12	3	3.02	2.27	100.67	75.67	15	
TL13325	12	15	3	2.94	2.33	98	77.67	13	
TL13325	15	18	3	2.96	2.86	98.67	95.33	10	
TL13325	18	21	3	2.93	2.79	97.67	93	10	
TL13325	21	24	3	2.95	2.42	98.33	80.67	11	
TL13325	24	27	3	3	2.96	100	98.67	6	
TL13325	27	30	3	2.86	2.52	95.33	84	8	
TL13325	30	33	3	3.02	2.92	100.67	97.33	8	
TL13325	33	36	3	2.91	2.64	97	88	10	
TL13325	36	39	3	3.06	3.06	102	102	6	
TL13325	39	42	3	2.84	1.93	94.67	64.33	14	
TL13325	42	45	3	2.98	2.53	99.33	84.33	14	
TL13325	45	48	3	2.94	2.75	98	91.67	7	
TL13325	48	51	3	2.98	2.84	99.33	94.67	9	
TL13325	51	54	3	2.93	2.64	97.67	88	9	
TL13325	54	57	3	3.01	2.45	100.33	81.67	15	
TL13325	57	60	3	2.98	2.69	99.33	89.67	8	
TL13325	60	63	3	2.92	2.83	97.33	94.33	8	
TL13325	63	66	3	2.97	2.85	99	95	6	
TL13325	66	69	3	2.89	2.89	96.33	96.33	3	
TL13325	69	72	3	2.98	2.81	99.33	93.67	6	
TL13325	72	75	3	3.02	2.92	100.67	97.33	6	
TL13325	75	78	3	3	2.8	100	93.33	8	
TL13325	78	81	3	3.03	2.5	101	83.33	13	
TL13325	81	84	3	2.88	2.61	96	87	12	
TL13325	84	87	3	3.04	2.7	101.33	90	12	
TL13325	87	90	3	2.92	2.92	97.33	97.33	7	
TL13325	90	93	3	3	2.59	100	86.33	8	
TL13325	93	96	3	2.99	2.7	99.67	90	8	
TL13325	96	99	3	2.98	2.79	99.33	93	7	
TL13325	99	102	3	2.96	2.96	98.67	98.67	5	
TL13325	102	105	3	2.95	2.73	98.33	91	6	
TL13325	105	108	3	2.94	2.67	98	89	9	
TL13325	108	111	3	2.99	2.75	99.67	91.67	10	
TL13325	111	114	3	3	2.98	100	99.33	8	
TL13325	114	117	3	2.98	2.57	99.33	85.67	18	
TL13325	117	120	3	2.92	2.6	97.33	86.67	11	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13325	120	123	3	2.94	2.67	98	89	8	
TL13325	123	126	3	3.01	2.34	100.33	78	15	
TL13325	126	129	3	2.97	2.87	99	95.67	8	
TL13325	129	132	3	2.99	2.42	99.67	80.67	17	
TL13325	132	135	3	2.98	2.3	99.33	76.67	21	
TL13325	135	138	3	3	2.97	100	99	8	
TL13325	138	141	3	3	2.88	100	96	9	
TL13325	141	144	3	2.95	2.38	98.33	79.33	17	
TL13325	144	147	3	3.08	2.35	102.67	78.33	20	
TL13325	147	150	3	2.91	1.77	97	59	23	
TL13325	150	153	3	2.99	2.46	99.67	82	15	
TL13325	153	156	3	2.92	1.36	97.33	45.33	27	
TL13325	156	159	3	2.88	1.88	96	62.67	26	
TL13325	159	162	3	2.98	1.77	99.33	59	24	SRP
TL13325	162	165	3	3	2.59	100	86.33	15	
TL13325	165	168	3	2.93	2.52	97.67	84	14	
TL13325	168	171	3	2.99	2.3	99.67	76.67	19	
TL13325	171	174	3	3.04	2.69	101.33	89.67	19	
TL13325	174	177	3	2.98	2.35	99.33	78.33	15	
TL13325	177	180	3	2.89	2.57	96.33	85.67	15	
TL13325	180	183	3	2.99	2.91	99.67	97	9	
TL13325	183	186	3	3.01	3.01	100.33	100.33	9	
TL13325	186	189	3	2.98	2.87	99.33	95.67	8	
TL13325	189	192	3	2.98	2.52	99.33	84	14	
TL13325	192	195	3	2.96	2.8	98.67	93.33	6	
TL13325	195	198	3	3.02	3.02	100.67	100.67	5	

DETAILED LOG

Hole Number: TL13326

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
7.50	69.40	MSS, Muscovite Sericite Schist	1259331	7.50	9.00	1.50	0.01				
		Large MSS zone with moderate to strong sr alteration. Could be seperate zones where the weak portions have been are more altered than usual.	1259332	9.00	10.50	1.50	0.02				
		Could be combination of HW, Main and B zones.	1259333	10.50	12.00	1.50	0.03				
		Through the alteration there are noticeable intervals of increased mineralization.	1259334	12.00	13.50	1.50	0.04				
		The first being from 24-40m, where 39.70-39.95m being the most condensed section of mineralization	1259335	13.50	15.00	1.50	0.02				
		around deformed qz veins with 15% py, 4% sph, 3% gn, and trace cpy.	1259336	15.00	16.50	1.50	0.01				
		The second interval of increased mineralization is from 55-69.40 with 4% py, 2% sph, 1% gn, and trace cpy.	1259337	16.50	18.00	1.50	0.01				
		Most mineralization is associated with deformed qz veins	1259338	18.00	19.50	1.50	0.01				
			1259339	19.50	21.00	1.50	0.01				
			1259341	21.00	22.50	1.50	0.02				
			1259342	22.50	24.00	1.50	0.08				
			1259343	24.00	25.50	1.50	0.08				
			1259344	25.50	27.00	1.50	0.09				
			1259345	27.00	28.50	1.50	0.09				
			1259346	27.00	28.50	1.50	0.11				
			1259347	28.50	29.50	1.00	0.23				
			1259348	29.50	31.00	1.50	0.13				
			1259349	31.00	32.00	1.00	0.16				
			1259351	32.00	33.00	1.00	0.47				
			1259352	33.00	34.00	1.00	0.13				
			1259353	34.00	35.00	1.00	0.20				
			1259354	35.00	36.00	1.00	0.32				
			1259355	36.00	37.00	1.00	0.34				
			1259356	37.00	38.00	1.00	0.22				
			1259357	38.00	39.00	1.00	0.72				
			1259358	39.00	40.00	1.00	3.32				
			1259359	40.00	41.00	1.00	0.48				
			1259361	41.00	42.00	1.00	0.05				
			1259362	42.00	43.50	1.50	0.96				
			1259363	43.50	45.00	1.50	0.42				
			1259364	45.00	46.50	1.50	0.35				
			1259365	46.50	48.00	1.50	0.05				
			1259366	46.50	48.00	1.50	0.04				
			1259367	48.00	49.50	1.50	0.19				
			1259368	49.50	51.00	1.50	0.01				
			1259369	51.00	52.50	1.50	0.08				
			1259371	52.50	54.00	1.50	0.10				
			1259372	54.00	55.00	1.00	0.09				
			1259373	55.00	56.00	1.00	0.91				
			1259374	56.00	57.00	1.00	1.42				
			1259375	57.00	58.00	1.00	1.67				
			1259376	58.00	59.00	1.00	1.63				
			1259377	59.00	60.00	1.00	1.18				

DETAILED LOG

Hole Number: TL13326

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
			1259378	60.00	61.00	1.00	1.17				
			1259379	61.00	62.00	1.00	1.93				
			1259381	62.00	63.00	1.00	0.79				
			1259382	63.00	64.00	1.00	2.00				
			1259383	64.00	65.00	1.00	5.93				
			1259384	65.00	66.00	1.00	1.02				
			1259385	66.00	67.00	1.00	2.12				
			1259386	66.00	67.00	1.00	1.32				
			1259387	67.00	68.00	1.00	0.44				
			1259388	68.00	69.40	1.40	0.59				
69.40	100.60	BMS, Biotite Muscovite Schist Moderately sericitized BMS with weak silicification. Poorly mineralized	1259389	69.40	70.90	1.50	0.14				
			368828	90.00	91.00	1.00		0.24			
			368829	91.00	92.00	1.00		0.20			
			368831	92.00	93.00	1.00		0.07			
			368832	93.00	94.00	1.00		0.10			
			368833	94.00	95.00	1.00		0.01			
			368834	95.00	96.00	1.00		0.01			
			368835	96.00	97.00	1.00		0.00			
			368836	97.00	98.00	1.00		0.00			
			368837	98.00	99.10	1.10		0.01			
			1259391	99.10	100.60	1.50	0.03				
100.60	104.00	MSS, Muscovite Sericite Schist Small MSS Zone. Strong sr and weak si alteration Slightly increased py with trace sph	1259392	100.60	102.00	1.40	0.02				
			1259393	102.00	103.00	1.00	0.06				
			1259394	103.00	104.00	1.00	0.08				

Hole Number: TL13326

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
104.00	150.10	BMS, Biotite Muscovite Schist BMS zone, weak sr alt throughout with rare patches of strong sr. Trace to 1% sph near top contact. Increase in py mineralization (4-5%) from ~134 until end of unit. Common sph as well with several small intervals where they are condensed near deformed qz veins. Most notably from 134.5-135m and 143.90-144.10m The latter contains increased gn, cpy, as well as a possible fleck of VG.	1259395	104.00	105.50	1.50	0.02				
			1259396	105.50	106.50	1.00	0.00				
			1259397	106.50	108.00	1.50	0.02				
			1259398	108.00	109.50	1.50	0.02				
			1259399	109.50	111.00	1.50	0.01				
			1356151	129.00	130.00	1.00	0.02				
			1356152	130.00	131.00	1.00	0.02				
			1356153	131.00	132.00	1.00	1.26				
			1356154	132.00	133.00	1.00	0.03				
			1356156	133.00	134.00	1.00	0.03				
			1356155	133.00	134.00	1.00	0.02				
			1356157	134.00	135.00	1.00	0.20				
			1356158	135.00	136.00	1.00	0.26				
			1356159	136.00	137.00	1.00	0.22				
			1356161	137.00	138.00	1.00	0.24				
			1356162	138.00	139.50	1.50	0.20				
			1356163	139.50	141.00	1.50	0.09				
			1356164	141.00	142.50	1.50	0.06				
			1356165	142.50	143.50	1.00	0.18				
			1356166	143.50	144.50	1.00	1.85				
			1356167	144.50	145.50	1.00	0.08				
			1356168	145.50	147.00	1.50	0.44				
			1356169	147.00	148.50	1.50	3.37				
			1356171	148.50	150.00	1.50	0.48				
			1356172	150.00	151.00	1.00	1.01				
150.10	160.95	MSS, Muscovite Sericite Schist Moderate sericitized and silicified MSS C zone. Increased mineralization commonly found near or within translucent, deformed qz veins. Condensed sections of mineralization from 153.70-153.90m and 156.30-156.50m.	1356173	151.00	152.00	1.00	0.20				
			1356174	152.00	153.00	1.00	0.54				
			1356176	153.00	154.00	1.00	0.22				
			1356175	153.00	154.00	1.00	0.26				
			1356177	154.00	155.00	1.00	2.33				
			1356178	155.00	156.00	1.00	2.46				
			1356179	156.00	157.00	1.00	3.83				
			1356181	157.00	158.00	1.00	0.17				
			1356182	158.00	159.00	1.00	0.11				
			1356183	159.00	160.00	1.00	0.21				
			1356184	160.00	161.00	1.00	0.66				
160.95	167.60	BMS, Biotite Muscovite Schist Weakly altered BMS. Abundant porphyroblasts. Poorly mineralized	1356185	161.00	162.00	1.00	0.76				
			1356186	162.00	163.50	1.50	0.23				
			1356187	163.50	165.00	1.50	0.29				
			1356188	165.00	166.50	1.50	1.98				
			1356189	166.50	167.60	1.10	0.09				

Hole Number: TL13326

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
167.60	169.80	MSS, Muscovite Sericite Schist Small sliver of MSS zone with strong sr alt. 4-5% py, with 1% sph/po	1356191	167.60	168.80	1.20	0.35				
			1356192	168.80	169.80	1.00	1.51				
169.80	175.80	BMS, Biotite Muscovite Schist Weakly altered BMS. Poorly mineralized	1356193	169.80	171.30	1.50	1.55				
			1356194	171.30	172.80	1.50	0.07				
			1356196	172.80	174.30	1.50	0.45				
			1356195	172.80	174.30	1.50	0.43				
			1356197	174.30	175.80	1.50	0.28				
175.80	179.90	MSS, Muscovite Sericite Schist Moderately sericitized FW MSS zone. 2-3% py with trace sph	1356198	175.80	176.80	1.00	3.39				
			1356199	176.80	177.80	1.00	2.46				
			1356201	177.80	178.80	1.00	0.56				
			1356202	178.80	179.90	1.10	0.07				
179.90	192.00	BMS, Biotite Muscovite Schist Medium grey coloured BMS zone, gradually transitions from MSS. Poorly mineralized	1356203	179.90	181.40	1.50	0.05				
			368838	181.40	182.10	0.70		0.01			
			368839	182.10	183.00	0.90		0.01			
			368841	183.00	184.00	1.00		0.00			
			368842	184.00	185.00	1.00		0.01			
			368843	185.00	186.00	1.00		0.01			
			368844	186.00	187.00	1.00		0.01			
			368845	187.00	188.00	1.00		0.00			
			368846	187.00	188.00	1.00		0.00			
			368847	188.00	189.00	1.00		0.00			

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259331	7.50	9.00	0.0120				
1259332	9.00	10.50	0.0160				
1259333	10.50	12.00	0.0260				
1259334	12.00	13.50	0.0420				
1259335	13.50	15.00	0.0220				
1259336	15.00	16.50	0.0080				
1259337	16.50	18.00	0.0080				
1259338	18.00	19.50	0.0100				
1259339	19.50	21.00	0.0110				
1259341	21.00	22.50	0.0210				
1259342	22.50	24.00	0.0820				
1259343	24.00	25.50	0.0820				
1259344	25.50	27.00	0.0850				
1259345	27.00	28.50	0.0930				
1259347	28.50	29.50	0.2330				

Hole Number: TL13326

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1259348	29.50	31.00	0.1310				
1259349	31.00	32.00	0.1550				
1259351	32.00	33.00	0.4690				
1259352	33.00	34.00	0.1290				
1259353	34.00	35.00	0.1980				
1259354	35.00	36.00	0.3220				
1259355	36.00	37.00	0.3420				
1259356	37.00	38.00	0.2170				
1259357	38.00	39.00	0.7150				
1259358	39.00	40.00	3.3150				
1259359	40.00	41.00	0.4830				
1259361	41.00	42.00	0.0540				
1259362	42.00	43.50	0.9620				
1259363	43.50	45.00	0.4180				
1259364	45.00	46.50	0.3520				
1259365	46.50	48.00	0.0480				
1259367	48.00	49.50	0.1880				
1259368	49.50	51.00	0.0140				
1259369	51.00	52.50	0.0770				
1259371	52.50	54.00	0.0950				
1259372	54.00	55.00	0.0930				
1259373	55.00	56.00	0.9130				
1259374	56.00	57.00	1.4220				
1259375	57.00	58.00	1.6740				
1259376	58.00	59.00	1.6250				
1259377	59.00	60.00	1.1750				
1259378	60.00	61.00	1.1730				
1259379	61.00	62.00	1.9340				
1259381	62.00	63.00	0.7890				
1259382	63.00	64.00	1.9960				
1259383	64.00	65.00	5.9330				
1259384	65.00	66.00	1.0190				
1259385	66.00	67.00	2.1190				
1259387	67.00	68.00	0.4390				
1259388	68.00	69.40	0.5940				
1259389	69.40	70.90	0.1420				
368828	90.00	91.00		0.2420			
368829	91.00	92.00		0.1950			
368831	92.00	93.00		0.0700			

Hole Number: TL13326

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
368832	93.00	94.00					0.0960
368833	94.00	95.00					0.0070
368834	95.00	96.00					0.0050
368835	96.00	97.00					0.0005
368836	97.00	98.00					0.0010
368837	98.00	99.10					0.0070
1259391	99.10	100.60	0.0280				
1259392	100.60	102.00	0.0220				
1259393	102.00	103.00	0.0580				
1259394	103.00	104.00	0.0750				
1259395	104.00	105.50	0.0210				
1259396	105.50	106.50	0.0040				
1259397	106.50	108.00	0.0200				
1259398	108.00	109.50	0.0150				
1259399	109.50	111.00	0.0080				
1356151	129.00	130.00	0.0180				
1356152	130.00	131.00	0.0220				
1356153	131.00	132.00	1.2550				
1356154	132.00	133.00	0.0290				
1356155	133.00	134.00	0.0220				
1356157	134.00	135.00	0.2020				
1356158	135.00	136.00	0.2590				
1356159	136.00	137.00	0.2230				
1356161	137.00	138.00	0.2390				
1356162	138.00	139.50	0.2000				
1356163	139.50	141.00	0.0910				
1356164	141.00	142.50	0.0620				
1356165	142.50	143.50	0.1810				
1356166	143.50	144.50	1.8510				
1356167	144.50	145.50	0.0820				
1356168	145.50	147.00	0.4430				
1356169	147.00	148.50	3.3720				
1356171	148.50	150.00	0.4820				
1356172	150.00	151.00	1.0080				
1356173	151.00	152.00	0.2020				
1356174	152.00	153.00	0.5390				
1356175	153.00	154.00	0.2550				
1356177	154.00	155.00	2.3300				
1356178	155.00	156.00	2.4560				

Hole Number: TL13326

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356179	156.00	157.00	3.8290				
1356181	157.00	158.00	0.1700				
1356182	158.00	159.00	0.1090				
1356183	159.00	160.00	0.2110				
1356184	160.00	161.00	0.6590				
1356185	161.00	162.00	0.7630				
1356186	162.00	163.50	0.2290				
1356187	163.50	165.00	0.2870				
1356188	165.00	166.50	1.9770				
1356189	166.50	167.60	0.0930				
1356191	167.60	168.80	0.3540				
1356192	168.80	169.80	1.5050				
1356193	169.80	171.30	1.5490				
1356194	171.30	172.80	0.0730				
1356195	172.80	174.30	0.4270				
1356197	174.30	175.80	0.2790				
1356198	175.80	176.80	3.3930				
1356199	176.80	177.80	2.4580				
1356201	177.80	178.80	0.5610				
1356202	178.80	179.90	0.0700				
1356203	179.90	181.40	0.0500				
368838	181.40	182.10		0.0050			
368839	182.10	183.00		0.0050			
368841	183.00	184.00		0.0040			
368842	184.00	185.00		0.0100			
368843	185.00	186.00		0.0050			
368844	186.00	187.00		0.0120			
368845	187.00	188.00		0.0030			
368847	188.00	189.00		0.0030			
Sample Type	CDUP						
1259346	27.00	28.50	0.1090				
1259366	46.50	48.00	0.0440				
1259386	66.00	67.00	1.3200				
1356156	133.00	134.00	0.0280				
1356176	153.00	154.00	0.2230				
1356196	172.80	174.30	0.4500				
368846	187.00	188.00		0.0040			

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13326	7.5	9.0	1259331	0.50	3.18	22.00	278.00	1.00	4.00	1.23	2.00	6.00	16.00	23.00	1.79	0.15	3.00	1.05	689.00
TL13326	9.0	10.5	1259332	0.50	1.49	18.00	212.00	1.00	3.00	0.58	2.00	7.00	16.00	15.00	1.56	0.24	0.50	0.59	374.00
TL13326	10.5	12.0	1259333	0.50	2.92	36.00	194.00	1.00	0.50	0.58	2.00	8.00	15.00	14.00	1.42	0.15	0.50	0.57	356.00
TL13326	12.0	13.5	1259334	0.50	3.12	34.00	212.00	1.00	0.50	1.00	2.00	8.00	13.00	7.00	1.39	0.24	0.50	0.61	357.00
TL13326	13.5	15.0	1259335	0.50	3.45	24.00	180.00	1.00	12.00	2.18	2.00	6.00	14.00	14.00	1.71	0.12	0.50	0.79	536.00
TL13326	15.0	16.5	1259336	0.50	3.55	23.00	139.00	1.00	0.50	1.44	2.00	8.00	11.00	4.00	0.77	0.18	4.00	0.93	336.00
TL13326	16.5	18.0	1259337	0.50	2.95	22.00	274.00	1.00	0.50	0.77	2.00	7.00	13.00	9.00	0.85	0.14	2.00	0.78	279.00
TL13326	18.0	19.5	1259338	0.50	3.43	22.00	374.00	1.00	4.00	0.64	2.00	7.00	15.00	11.00	1.03	0.30	5.00	0.82	379.00
TL13326	19.5	21.0	1259339	0.50	4.30	15.00	391.00	1.00	0.50	0.89	2.00	5.00	12.00	6.00	0.97	0.25	7.00	0.97	348.00
TL13326	21.0	22.5	1259341	0.50	3.04	19.00	283.00	1.00	7.00	1.09	2.00	5.00	16.00	10.00	0.92	0.21	2.00	1.15	487.00
TL13326	22.5	24.0	1259342	0.50	2.95	32.00	386.00	1.00	0.50	0.87	2.00	4.00	15.00	38.00	1.00	0.25	2.00	0.94	494.00
TL13326	24.0	25.5	1259343	0.50	2.74	27.00	318.00	1.00	15.00	1.33	2.00	5.00	11.00	61.00	1.80	0.07	0.50	0.98	709.00
TL13326	25.5	27.0	1259344	0.50	1.77	39.00	194.00	1.00	0.50	0.15	2.00	4.00	17.00	18.00	1.27	0.22	0.50	0.61	370.00
TL13326	27.0	28.5	1259345	0.50	1.31	34.00	151.00	1.00	0.50	0.34	2.00	4.00	23.00	6.00	1.43	0.11	0.50	0.90	758.00
TL13326	27.0	28.5	1259346	0.50	1.97	33.00	155.00	1.00	0.50	0.59	2.00	4.00	14.00	4.00	1.56	0.08	2.00	1.05	935.00
TL13326	28.5	29.5	1259347	0.50	1.61	74.00	166.00	1.00	0.50	0.01	2.00	3.00	15.00	94.00	1.42	0.31	0.50	0.41	221.00
TL13326	29.5	31.0	1259348	1.00	2.44	39.00	219.00	1.00	13.00	0.24	2.00	3.00	12.00	41.00	1.19	0.31	0.50	0.77	459.00
TL13326	31.0	32.0	1259349	0.50	2.98	45.00	224.00	1.00	0.50	0.37	2.00	3.00	14.00	25.00	1.14	0.26	0.50	0.71	397.00
TL13326	32.0	33.0	1259351	0.50	1.84	88.00	224.00	1.00	0.50	0.01	2.00	5.00	20.00	55.00	2.44	0.26	0.50	0.45	219.00
TL13326	33.0	34.0	1259352	0.50	3.52	50.00	245.00	1.00	19.00	0.43	2.00	3.00	20.00	10.00	1.45	0.10	4.00	0.74	468.00
TL13326	34.0	35.0	1259353	0.50	2.31	50.00	154.00	1.00	4.00	0.22	2.00	4.00	15.00	32.00	1.63	0.12	6.00	0.92	852.00
TL13326	35.0	36.0	1259354	0.50	2.96	48.00	177.00	1.00	0.50	0.42	2.00	4.00	13.00	14.00	1.31	0.22	4.00	1.03	830.00
TL13326	36.0	37.0	1259355	2.00	3.04	67.00	220.00	1.00	7.00	0.20	2.00	3.00	20.00	45.00	1.51	0.28	0.50	0.71	420.00
TL13326	37.0	38.0	1259356	0.50	3.33	59.00	238.00	1.00	0.50	0.01	2.00	5.00	19.00	24.00	1.40	0.24	1.00	0.57	234.00
TL13326	38.0	39.0	1259357	2.00	2.26	48.00	309.00	1.00	8.00	0.21	2.00	3.00	21.00	30.00	1.18	0.22	0.50	0.46	239.00
TL13326	39.0	40.0	1259358	32.00	1.54	50.00	183.00	1.00	14.00	0.01	27.00	5.00	18.00	234.00	2.69	0.11	0.50	0.25	110.00
TL13326	40.0	41.0	1259359	1.00	1.90	27.00	209.00	1.00	0.50	0.01	9.00	6.00	28.00	176.00	1.32	0.24	1.00	0.75	568.00
TL13326	41.0	42.0	1259361	0.50	2.14	25.00	207.00	1.00	0.50	0.09	2.00	4.00	26.00	7.00	1.14	0.34	3.00	0.80	689.00
TL13326	42.0	43.5	1259362	26.00	2.27	32.00	200.00	1.00	8.00	0.10	2.00	5.00	21.00	152.00	1.23	0.38	3.00	0.82	683.00
TL13326	43.5	45.0	1259363	2.00	2.32	26.00	230.00	2.00	7.00	0.04	2.00	5.00	21.00	19.00	1.30	0.17	3.00	0.76	706.00
TL13326	45.0	46.5	1259364	3.00	2.93	45.00	261.00	1.00	14.00	0.10	2.00	9.00	15.00	32.00	1.70	0.05	3.00	0.65	452.00
TL13326	46.5	48.0	1259365	0.50	0.30	35.00	165.00	1.00	0.50	0.01	2.00	6.00	13.00	13.00	1.12	0.18	0.50	0.69	558.00
TL13326	46.5	48.0	1259366	1.00	2.91	33.00	225.00	1.00	0.50	0.09	2.00	6.00	16.00	12.00	1.10	0.17	3.00	0.77	602.00
TL13326	48.0	49.5	1259367	0.50	1.08	20.00	119.00	1.00	0.50	0.01	2.00	5.00	13.00	29.00	1.03	0.11	0.50	0.62	439.00
TL13326	49.5	51.0	1259368	1.00	2.75	20.00	177.00	2.00	0.50	0.12	2.00	4.00	15.00	31.00	0.94	0.29	4.00	0.64	455.00
TL13326	51.0	52.5	1259369	0.50	0.01	28.00	115.00	1.00	0.50	0.01	2.00	6.00	20.00	10.00	1.02	0.35	0.50	0.57	381.00
TL13326	52.5	54.0	1259371	3.00	1.83	41.00	120.00	1.00	6.00	0.09	2.00	8.00	24.00	22.00	1.56	0.34	3.00	0.78	610.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13326	7.5	9.0	1259331	0.50	30.00	399.00	47.00	0.74	2.50	36.00	5.00	94.00	1390.00	12.00	26.00	13.00	5.00	385.00
TL13326	9.0	10.5	1259332	0.50	30.00	440.00	26.00	0.82	2.50	27.00	5.00	50.00	1261.00	7.00	23.00	5.00	4.00	56.00
TL13326	10.5	12.0	1259333	0.50	24.00	453.00	11.00	0.76	2.50	30.00	5.00	65.00	1410.00	26.00	25.00	5.00	5.00	89.00
TL13326	12.0	13.5	1259334	0.50	25.00	439.00	17.00	0.75	2.50	30.00	5.00	78.00	1396.00	14.00	24.00	5.00	6.00	218.00
TL13326	13.5	15.0	1259335	0.50	22.00	423.00	50.00	0.94	2.50	31.00	5.00	96.00	1264.00	29.00	25.00	5.00	5.00	130.00
TL13326	15.0	16.5	1259336	0.50	29.00	558.00	20.00	0.30	2.50	30.00	10.00	104.00	1296.00	1.00	23.00	5.00	5.00	24.00
TL13326	16.5	18.0	1259337	0.50	27.00	599.00	13.00	0.25	2.50	33.00	5.00	90.00	1414.00	23.00	28.00	5.00	6.00	18.00
TL13326	18.0	19.5	1259338	0.50	31.00	587.00	25.00	0.40	2.50	33.00	5.00	90.00	1571.00	7.00	29.00	5.00	6.00	34.00
TL13326	19.5	21.0	1259339	0.50	26.00	550.00	24.00	0.22	2.50	38.00	5.00	90.00	1599.00	21.00	27.00	5.00	6.00	36.00
TL13326	21.0	22.5	1259341	0.50	26.00	509.00	46.00	0.31	2.50	42.00	5.00	93.00	1273.00	15.00	21.00	5.00	5.00	157.00
TL13326	22.5	24.0	1259342	0.50	32.00	530.00	113.00	0.57	2.50	25.00	5.00	74.00	1311.00	19.00	22.00	5.00	5.00	153.00
TL13326	24.0	25.5	1259343	0.50	24.00	444.00	253.00	1.22	2.50	25.00	5.00	74.00	1267.00	30.00	21.00	11.00	5.00	486.00
TL13326	25.5	27.0	1259344	0.50	29.00	398.00	110.00	1.05	2.50	29.00	5.00	48.00	1151.00	15.00	20.00	5.00	4.00	167.00
TL13326	27.0	28.5	1259345	0.50	35.00	437.00	19.00	0.63	2.50	34.00	5.00	51.00	1325.00	17.00	24.00	5.00	4.00	67.00
TL13326	27.0	28.5	1259346	0.50	23.00	453.00	26.00	0.63	2.50	22.00	5.00	62.00	1486.00	20.00	26.00	5.00	5.00	63.00
TL13326	28.5	29.5	1259347	0.50	26.00	394.00	212.00	1.55	2.50	30.00	5.00	37.00	1044.00	18.00	18.00	17.00	4.00	978.00
TL13326	29.5	31.0	1259348	0.50	25.00	429.00	267.00	1.10	2.50	34.00	5.00	54.00	1257.00	10.00	21.00	15.00	5.00	887.00
TL13326	31.0	32.0	1259349	0.50	24.00	400.00	106.00	0.99	2.50	32.00	5.00	61.00	1270.00	7.00	22.00	5.00	5.00	208.00
TL13326	32.0	33.0	1259351	2.00	30.00	372.00	117.00	2.91	2.50	34.00	5.00	39.00	1206.00	14.00	24.00	11.00	5.00	551.00
TL13326	33.0	34.0	1259352	0.50	28.00	446.00	66.00	1.35	2.50	29.00	5.00	71.00	1535.00	3.00	29.00	5.00	5.00	86.00
TL13326	34.0	35.0	1259353	0.50	25.00	420.00	44.00	1.34	2.50	26.00	11.00	51.00	1413.00	15.00	27.00	5.00	5.00	64.00
TL13326	35.0	36.0	1259354	0.50	23.00	420.00	34.00	0.93	2.50	38.00	5.00	68.00	1464.00	6.00	29.00	5.00	5.00	89.00
TL13326	36.0	37.0	1259355	0.50	34.00	324.00	411.00	1.69	8.00	32.00	5.00	57.00	1191.00	7.00	23.00	14.00	5.00	597.00
TL13326	37.0	38.0	1259356	0.50	30.00	347.00	182.00	1.68	2.50	33.00	5.00	47.00	1109.00	17.00	23.00	20.00	5.00	1201.00
TL13326	38.0	39.0	1259357	0.50	26.00	350.00	422.00	1.35	2.50	29.00	5.00	51.00	878.00	3.00	20.00	13.00	2.00	556.00
TL13326	39.0	40.0	1259358	3.00	28.00	226.00	10668.0	4.20	35.00	27.00	5.00	45.00	774.00	6.00	18.00	100.00	4.00	10510.00
TL13326	40.0	41.0	1259359	0.50	33.00	351.00	354.00	0.90	6.00	30.00	5.00	56.00	1054.00	22.00	24.00	11.00	5.00	983.00
TL13326	41.0	42.0	1259361	0.50	36.00	387.00	40.00	0.59	2.50	32.00	5.00	61.00	1219.00	10.00	30.00	5.00	5.00	250.00
TL13326	42.0	43.5	1259362	0.50	26.00	392.00	196.00	0.82	2.50	33.00	5.00	59.00	1262.00	12.00	28.00	10.00	5.00	149.00
TL13326	43.5	45.0	1259363	0.50	30.00	371.00	35.00	0.73	2.50	22.00	5.00	62.00	1332.00	10.00	29.00	5.00	5.00	148.00
TL13326	45.0	46.5	1259364	0.50	29.00	397.00	146.00	1.67	2.50	26.00	5.00	81.00	1277.00	31.00	29.00	10.00	6.00	357.00
TL13326	46.5	48.0	1259365	0.50	23.00	370.00	48.00	0.77	2.50	26.00	5.00	29.00	1032.00	13.00	25.00	5.00	4.00	52.00
TL13326	46.5	48.0	1259366	0.50	22.00	420.00	55.00	0.73	2.50	34.00	5.00	79.00	1234.00	23.00	29.00	5.00	5.00	47.00
TL13326	48.0	49.5	1259367	0.50	20.00	369.00	42.00	0.69	2.50	32.00	5.00	44.00	895.00	1.00	22.00	5.00	5.00	66.00
TL13326	49.5	51.0	1259368	0.50	20.00	399.00	45.00	0.46	2.50	32.00	5.00	79.00	1053.00	16.00	27.00	5.00	5.00	53.00
TL13326	51.0	52.5	1259369	0.50	26.00	385.00	22.00	0.72	2.50	23.00	5.00	27.00	1005.00	17.00	24.00	5.00	4.00	24.00
TL13326	52.5	54.0	1259371	0.50	26.00	441.00	34.00	0.84	2.50	31.00	5.00	54.00	1430.00	6.00	29.00	5.00	6.00	82.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13326	54.0	55.0	1259372	2.00	1.91	38.00	111.00	1.00	0.50	0.22	2.00	8.00	29.00	24.00	1.94	0.37	3.00	1.05	880.00
TL13326	55.0	56.0	1259373	28.00	3.91	34.00	125.00	1.00	22.00	1.16	2.00	7.00	31.00	10.00	2.16	0.21	9.00	2.06	1400.00
TL13326	56.0	57.0	1259374	32.00	2.87	46.00	114.00	1.00	0.50	0.45	7.00	7.00	31.00	34.00	2.37	0.24	4.00	1.59	981.00
TL13326	57.0	58.0	1259375	3.00	1.49	49.00	101.00	1.00	0.50	0.01	2.00	6.00	26.00	23.00	1.90	0.15	0.50	1.45	965.00
TL13326	58.0	59.0	1259376	10.00	1.91	61.00	104.00	1.00	5.00	0.01	2.00	6.00	29.00	20.00	1.83	0.20	0.50	0.75	494.00
TL13326	59.0	60.0	1259377	5.00	2.68	55.00	117.00	1.00	17.00	0.47	2.00	5.00	28.00	51.00	1.56	0.21	1.00	0.77	436.00
TL13326	60.0	61.0	1259378	10.00	1.74	70.00	99.00	1.00	3.00	0.01	2.00	6.00	23.00	49.00	1.39	0.23	0.50	0.41	102.00
TL13326	61.0	62.0	1259379	5.00	1.07	62.00	71.00	1.00	0.50	0.01	2.00	8.00	23.00	43.00	1.24	0.41	0.50	0.38	50.00
TL13326	62.0	63.0	1259381	6.00	3.09	54.00	157.00	1.00	0.50	0.01	2.00	4.00	26.00	19.00	0.98	0.29	0.50	0.55	128.00
TL13326	63.0	64.0	1259382	17.00	3.05	73.00	153.00	1.00	9.00	0.10	2.00	4.00	20.00	90.00	1.75	0.38	0.50	0.56	226.00
TL13326	64.0	65.0	1259383	53.00	2.33	60.00	109.00	1.00	13.00	0.28	2.00	3.00	18.00	41.00	1.35	0.36	0.50	0.97	546.00
TL13326	65.0	66.0	1259384	2.00	4.72	47.00	182.00	2.00	0.50	0.73	2.00	3.00	24.00	38.00	1.19	0.31	8.00	1.12	680.00
TL13326	66.0	67.0	1259385	5.00	4.99	71.00	185.00	2.00	12.00	0.63	2.00	3.00	23.00	58.00	1.74	0.23	8.00	0.93	572.00
TL13326	66.0	67.0	1259386	6.00	4.55	59.00	168.00	1.00	0.50	0.67	2.00	4.00	26.00	65.00	1.68	0.20	7.00	0.95	544.00
TL13326	67.0	68.0	1259387	5.00	4.85	51.00	175.00	1.00	13.00	0.70	2.00	4.00	40.00	109.00	1.70	0.14	7.00	1.07	589.00
TL13326	68.0	69.4	1259388	6.00	3.89	61.00	162.00	1.00	8.00	0.05	2.00	5.00	21.00	61.00	1.62	0.28	0.50	0.53	215.00
TL13326	69.4	70.9	1259389	1.00	4.85	29.00	185.00	2.00	11.00	1.48	2.00	7.00	24.00	15.00	1.90	0.21	6.00	1.32	657.00
TL13326	90.0	91.0	368828	0.50	4.86	6.00	281.00	2.00	18.00	1.93	2.00	5.00	4.00	7.00	1.67	0.46	16.00	1.22	636.00
TL13326	91.0	92.0	368829	0.50	5.30	12.00	233.00	2.00	9.00	1.62	2.00	5.00	0.50	5.00	1.42	0.40	14.00	1.20	670.00
TL13326	92.0	93.0	368831	52.00	5.18	35.00	216.00	2.00	20.00	1.33	2.00	5.00	4.00	14.00	1.62	0.29	15.00	0.98	806.00
TL13326	93.0	94.0	368832	0.50	5.05	16.00	294.00	1.00	13.00	1.88	2.00	6.00	0.50	7.00	1.56	0.39	15.00	1.15	930.00
TL13326	94.0	95.0	368833	0.50	4.54	7.00	185.00	1.00	12.00	1.78	2.00	6.00	0.50	4.00	1.54	0.28	16.00	1.16	880.00
TL13326	95.0	96.0	368834	0.50	5.43	11.00	193.00	1.00	18.00	1.63	2.00	6.00	6.00	5.00	1.63	0.15	18.00	1.26	826.00
TL13326	96.0	97.0	368835	0.50	4.05	8.00	181.00	1.00	3.00	2.00	2.00	5.00	3.00	3.00	1.50	0.01	13.00	1.29	1026.00
TL13326	97.0	98.0	368836	0.50	4.05	4.00	191.00	1.00	15.00	2.53	2.00	6.00	3.00	5.00	1.65	0.19	13.00	1.42	1174.00
TL13326	98.0	99.1	368837	0.50	2.96	16.00	191.00	2.00	16.00	3.16	2.00	5.00	3.00	4.00	1.83	0.01	9.00	1.46	1460.00
TL13326	99.1	100.6	1259391	0.50	3.81	36.00	77.00	1.00	4.00	1.80	2.00	7.00	30.00	36.00	1.82	0.15	2.00	1.37	867.00
TL13326	100.6	102.0	1259392	2.00	4.19	38.00	173.00	1.00	16.00	1.52	2.00	11.00	38.00	44.00	2.49	0.22	3.00	1.30	556.00
TL13326	102.0	103.0	1259393	0.50	4.43	64.00	371.00	2.00	5.00	0.69	2.00	7.00	13.00	19.00	1.92	0.32	3.00	0.72	319.00
TL13326	103.0	104.0	1259394	0.50	4.11	46.00	339.00	2.00	1.00	0.70	2.00	7.00	9.00	5.00	2.51	0.29	3.00	0.77	437.00
TL13326	104.0	105.5	1259395	0.50	5.00	30.00	364.00	1.00	12.00	1.58	2.00	7.00	12.00	6.00	2.10	0.12	5.00	1.18	675.00
TL13326	105.5	106.5	1259396	1.00	5.06	18.00	271.00	3.00	21.00	1.67	2.00	5.00	24.00	37.00	1.73	0.30	10.00	1.20	661.00
TL13326	106.5	108.0	1259397	1.00	6.67	46.00	401.00	2.00	15.00	1.98	2.00	8.00	18.00	25.00	2.82	0.25	13.00	1.52	826.00
TL13326	108.0	109.5	1259398	0.50	7.19	36.00	348.00	2.00	14.00	2.44	2.00	8.00	17.00	17.00	2.05	0.33	12.00	1.78	912.00
TL13326	109.5	111.0	1259399	0.50	7.68	22.00	339.00	3.00	0.50	2.64	2.00	6.00	18.00	8.00	1.77	0.51	17.00	1.64	729.00
TL13326	129.0	130.0	1356151	0.50	2.03	30.00	170.00	1.00	4.00	1.36	2.00	7.00	12.00	0.50	1.69	0.24	2.00	0.95	573.00
TL13326	130.0	131.0	1356152	0.50	1.35	38.00	107.00	1.00	5.00	1.19	2.00	6.00	11.00	0.50	1.49	0.21	1.00	1.19	614.00
TL13326	131.0	132.0	1356153	1.00	4.17	46.00	264.00	3.00	13.00	2.08	2.00	7.00	17.00	37.00	2.03	0.26	6.00	1.50	763.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13326	54.0	55.0	1259372	0.50	29.00	400.00	29.00	0.98	2.50	27.00	5.00	58.00	1463.00	19.00	32.00	5.00	6.00	63.00
TL13326	55.0	56.0	1259373	0.50	31.00	374.00	647.00	1.12	5.00	25.00	5.00	113.00	1340.00	25.00	31.00	13.00	6.00	1210.00
TL13326	56.0	57.0	1259374	0.50	33.00	433.00	1298.00	1.97	2.50	31.00	5.00	77.00	1170.00	7.00	31.00	35.00	6.00	2835.00
TL13326	57.0	58.0	1259375	0.50	30.00	445.00	88.00	0.99	2.50	23.00	5.00	35.00	1228.00	18.00	31.00	10.00	5.00	137.00
TL13326	58.0	59.0	1259376	0.50	32.00	352.00	595.00	1.86	6.00	29.00	5.00	44.00	989.00	9.00	26.00	19.00	6.00	1165.00
TL13326	59.0	60.0	1259377	0.50	30.00	340.00	270.00	1.66	2.50	34.00	5.00	55.00	917.00	22.00	23.00	16.00	6.00	631.00
TL13326	60.0	61.0	1259378	1.00	40.00	334.00	348.00	1.57	2.50	35.00	5.00	33.00	800.00	20.00	21.00	15.00	4.00	558.00
TL13326	61.0	62.0	1259379	1.00	35.00	268.00	210.00	1.40	7.00	18.00	5.00	28.00	659.00	16.00	18.00	5.00	4.00	340.00
TL13326	62.0	63.0	1259381	3.00	35.00	334.00	93.00	0.93	2.50	34.00	5.00	41.00	993.00	24.00	25.00	10.00	5.00	204.00
TL13326	63.0	64.0	1259382	0.50	35.00	303.00	287.00	2.04	14.00	36.00	5.00	43.00	977.00	14.00	23.00	12.00	5.00	549.00
TL13326	64.0	65.0	1259383	0.50	27.00	318.00	932.00	1.28	16.00	29.00	5.00	54.00	949.00	19.00	19.00	5.00	4.00	286.00
TL13326	65.0	66.0	1259384	1.00	40.00	371.00	164.00	0.80	6.00	40.00	5.00	89.00	1308.00	29.00	23.00	5.00	6.00	200.00
TL13326	66.0	67.0	1259385	2.00	39.00	298.00	446.00	1.77	7.00	33.00	5.00	82.00	1255.00	15.00	23.00	27.00	6.00	1578.00
TL13326	66.0	67.0	1259386	2.00	46.00	275.00	468.00	1.60	5.00	33.00	5.00	80.00	1236.00	17.00	23.00	26.00	6.00	1289.00
TL13326	67.0	68.0	1259387	4.00	60.00	342.00	298.00	1.51	2.50	26.00	5.00	90.00	1358.00	7.00	25.00	15.00	6.00	1049.00
TL13326	68.0	69.4	1259388	0.50	28.00	420.00	169.00	1.63	2.50	30.00	5.00	58.00	1331.00	36.00	25.00	5.00	6.00	404.00
TL13326	69.4	70.9	1259389	0.50	33.00	499.00	31.00	0.63	2.50	21.00	5.00	125.00	1695.00	26.00	31.00	5.00	7.00	52.00
TL13326	90.0	91.0	368828	0.50	5.00	340.00	1.00	0.10	6.00	11.00	5.00	98.00	1962.00	1.00	30.00	10.00	5.00	41.00
TL13326	91.0	92.0	368829	0.50	5.00	361.00	0.50	0.15	2.50	15.00	5.00	87.00	1762.00	1.00	27.00	5.00	6.00	29.00
TL13326	92.0	93.0	368831	0.50	6.00	388.00	72.00	0.41	2.50	19.00	5.00	89.00	1728.00	1.00	28.00	5.00	6.00	135.00
TL13326	93.0	94.0	368832	0.50	4.00	378.00	16.00	0.16	2.50	15.00	5.00	102.00	1814.00	1.00	29.00	12.00	5.00	44.00
TL13326	94.0	95.0	368833	0.50	5.00	366.00	0.50	0.09	2.50	2.50	5.00	93.00	1794.00	1.00	27.00	5.00	5.00	24.00
TL13326	95.0	96.0	368834	0.50	6.00	390.00	0.50	0.13	2.50	12.00	11.00	95.00	1818.00	1.00	31.00	5.00	6.00	26.00
TL13326	96.0	97.0	368835	0.50	5.00	340.00	0.50	0.22	2.50	11.00	5.00	100.00	1600.00	1.00	27.00	5.00	5.00	19.00
TL13326	97.0	98.0	368836	0.50	6.00	370.00	0.50	0.10	2.50	19.00	12.00	111.00	1758.00	1.00	28.00	13.00	5.00	23.00
TL13326	98.0	99.1	368837	0.50	4.00	333.00	0.50	0.20	7.00	13.00	5.00	114.00	1560.00	1.00	25.00	5.00	5.00	19.00
TL13326	99.1	100.6	1259391	0.50	40.00	348.00	22.00	0.92	2.50	35.00	5.00	82.00	1263.00	23.00	28.00	18.00	6.00	63.00
TL13326	100.6	102.0	1259392	0.50	48.00	530.00	33.00	2.30	2.50	27.00	5.00	106.00	1518.00	12.00	38.00	10.00	8.00	67.00
TL13326	102.0	103.0	1259393	0.50	28.00	462.00	91.00	2.19	2.50	35.00	5.00	87.00	1551.00	39.00	29.00	5.00	6.00	287.00
TL13326	103.0	104.0	1259394	0.50	22.00	467.00	38.00	3.04	2.50	34.00	5.00	78.00	1434.00	20.00	27.00	11.00	6.00	74.00
TL13326	104.0	105.5	1259395	0.50	28.00	474.00	47.00	1.88	2.50	30.00	5.00	91.00	1393.00	21.00	28.00	5.00	7.00	82.00
TL13326	105.5	106.5	1259396	5.00	30.00	385.00	145.00	0.83	2.50	35.00	5.00	94.00	1380.00	20.00	25.00	12.00	7.00	201.00
TL13326	106.5	108.0	1259397	0.50	36.00	506.00	184.00	2.47	2.50	30.00	5.00	109.00	1713.00	16.00	33.00	15.00	8.00	367.00
TL13326	108.0	109.5	1259398	0.50	35.00	515.00	27.00	1.41	5.00	38.00	5.00	98.00	1693.00	23.00	33.00	12.00	8.00	47.00
TL13326	109.5	111.0	1259399	0.50	34.00	508.00	50.00	0.86	2.50	42.00	5.00	115.00	1901.00	25.00	36.00	5.00	8.00	119.00
TL13326	129.0	130.0	1356151	0.50	20.00	514.00	10.00	0.98	2.50	31.00	5.00	76.00	1851.00	18.00	32.00	5.00	5.00	56.00
TL13326	130.0	131.0	1356152	0.50	22.00	487.00	17.00	0.94	2.50	36.00	5.00	63.00	1392.00	16.00	27.00	5.00	4.00	49.00
TL13326	131.0	132.0	1356153	0.50	30.00	458.00	41.00	1.74	2.50	36.00	5.00	102.00	1483.00	21.00	29.00	15.00	6.00	828.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13326	132.0	133.0	1356154	0.50	5.05	26.00	401.00	1.00	12.00	2.16	2.00	7.00	15.00	2.00	1.94	0.26	7.00	1.43	703.00
TL13326	133.0	134.0	1356155	0.50	4.46	41.00	443.00	2.00	0.50	1.97	2.00	9.00	28.00	6.00	2.02	0.41	6.00	1.29	548.00
TL13326	133.0	134.0	1356156	0.50	3.12	35.00	395.00	2.00	6.00	1.82	2.00	9.00	34.00	7.00	2.07	0.43	2.00	1.29	571.00
TL13326	134.0	135.0	1356157	8.00	3.01	53.00	242.00	2.00	16.00	1.18	13.00	14.00	100.00	145.00	3.14	0.46	6.00	1.77	637.00
TL13326	135.0	136.0	1356158	2.00	1.77	40.00	141.00	3.00	11.00	0.70	8.00	17.00	101.00	45.00	3.27	0.38	8.00	2.03	686.00
TL13326	136.0	137.0	1356159	0.50	1.39	26.00	128.00	1.00	0.50	0.01	2.00	19.00	119.00	51.00	3.58	0.39	5.00	1.81	454.00
TL13326	137.0	138.0	1356161	0.50	3.90	73.00	328.00	2.00	10.00	0.57	2.00	18.00	117.00	17.00	3.67	0.29	12.00	2.11	430.00
TL13326	138.0	139.5	1356162	0.50	2.77	65.00	253.00	3.00	17.00	0.67	2.00	20.00	110.00	41.00	3.90	0.26	6.00	1.55	488.00
TL13326	139.5	141.0	1356163	1.00	3.76	29.00	281.00	2.00	29.00	1.33	2.00	20.00	126.00	51.00	3.85	0.18	12.00	1.70	544.00
TL13326	141.0	142.5	1356164	0.50	3.19	42.00	289.00	1.00	17.00	1.03	2.00	18.00	104.00	31.00	3.31	0.18	12.00	1.85	468.00
TL13326	142.5	143.5	1356165	1.00	4.00	45.00	236.00	1.00	1.00	1.46	2.00	21.00	121.00	26.00	4.02	0.22	14.00	2.63	628.00
TL13326	143.5	144.5	1356166	4.00	2.75	55.00	311.00	2.00	0.50	1.00	4.00	11.00	67.00	119.00	2.73	0.14	3.00	1.48	363.00
TL13326	144.5	145.5	1356167	0.50	3.36	39.00	296.00	1.00	2.00	1.87	2.00	7.00	30.00	10.00	1.90	0.27	3.00	1.69	563.00
TL13326	145.5	147.0	1356168	0.50	3.35	42.00	342.00	1.00	2.00	0.94	2.00	6.00	22.00	33.00	1.66	0.33	4.00	1.42	431.00
TL13326	147.0	148.5	1356169	2.00	3.24	52.00	314.00	1.00	0.50	0.74	2.00	10.00	60.00	54.00	2.42	0.28	4.00	1.41	408.00
TL13326	148.5	150.0	1356171	2.00	2.51	58.00	209.00	1.00	4.00	0.67	2.00	17.00	106.00	175.00	3.33	0.36	2.00	1.72	533.00
TL13326	150.0	151.0	1356172	3.00	3.00	88.00	270.00	2.00	5.00	1.01	2.00	12.00	70.00	67.00	2.76	0.31	0.50	0.93	414.00
TL13326	151.0	152.0	1356173	0.50	2.17	46.00	221.00	1.00	0.50	1.06	2.00	7.00	20.00	11.00	1.47	0.20	0.50	0.96	451.00
TL13326	152.0	153.0	1356174	0.50	0.80	56.00	171.00	1.00	0.50	0.25	2.00	6.00	17.00	23.00	1.50	0.13	0.50	0.53	249.00
TL13326	153.0	154.0	1356176	0.50	1.98	62.00	219.00	1.00	0.50	0.51	2.00	15.00	89.00	26.00	2.71	0.15	2.00	1.37	508.00
TL13326	153.0	154.0	1356175	0.50	2.83	53.00	266.00	1.00	2.00	0.75	2.00	16.00	90.00	26.00	2.87	0.13	5.00	1.55	553.00
TL13326	154.0	155.0	1356177	4.00	2.08	79.00	247.00	1.00	10.00	0.55	2.00	12.00	66.00	86.00	2.71	0.01	2.00	1.24	438.00
TL13326	155.0	156.0	1356178	2.00	2.17	65.00	227.00	2.00	0.50	0.67	2.00	6.00	20.00	44.00	1.55	0.40	0.50	0.72	352.00
TL13326	156.0	157.0	1356179	15.00	1.57	93.00	154.00	1.00	11.00	0.91	26.00	7.00	17.00	158.00	2.76	0.39	3.00	1.05	454.00
TL13326	157.0	158.0	1356181	1.00	2.78	35.00	226.00	1.00	0.50	1.46	2.00	6.00	15.00	7.00	1.78	0.31	6.00	1.34	546.00
TL13326	158.0	159.0	1356182	0.50	3.91	33.00	293.00	1.00	0.50	1.51	2.00	7.00	18.00	16.00	1.90	0.22	11.00	1.81	533.00
TL13326	159.0	160.0	1356183	0.50	2.24	42.00	183.00	2.00	0.50	1.29	2.00	8.00	17.00	10.00	2.11	0.16	4.00	1.73	578.00
TL13326	160.0	161.0	1356184	1.00	2.35	61.00	265.00	1.00	0.50	1.15	2.00	6.00	21.00	12.00	1.51	0.22	4.00	0.82	342.00
TL13326	161.0	162.0	1356185	0.50	2.95	30.00	219.00	2.00	0.50	1.61	2.00	17.00	110.00	43.00	3.32	0.19	7.00	1.89	598.00
TL13326	162.0	163.5	1356186	0.50	3.10	26.00	269.00	3.00	0.50	0.74	2.00	17.00	109.00	34.00	3.40	0.17	13.00	1.95	488.00
TL13326	163.5	165.0	1356187	1.00	3.48	51.00	279.00	2.00	18.00	0.54	2.00	19.00	122.00	30.00	3.77	0.28	20.00	2.31	484.00
TL13326	165.0	166.5	1356188	5.00	2.76	24.00	232.00	1.00	0.50	0.58	2.00	22.00	120.00	47.00	4.20	0.25	9.00	1.81	583.00
TL13326	166.5	167.6	1356189	0.50	3.95	54.00	291.00	2.00	3.00	1.92	2.00	14.00	72.00	31.00	2.72	0.25	7.00	1.58	842.00
TL13326	167.6	168.8	1356191	1.00	0.01	73.00	122.00	1.00	0.50	0.01	2.00	8.00	22.00	75.00	1.60	0.34	0.50	0.24	108.00
TL13326	168.8	169.8	1356192	7.00	2.61	101.00	311.00	1.00	1.00	0.43	2.00	15.00	62.00	105.00	2.69	0.39	0.50	0.44	205.00
TL13326	169.8	171.3	1356193	0.50	2.27	26.00	161.00	1.00	3.00	0.79	2.00	18.00	108.00	53.00	3.51	0.52	3.00	1.39	469.00
TL13326	171.3	172.8	1356194	2.00	7.66	70.00	554.00	2.00	24.00	2.26	2.00	18.00	114.00	38.00	3.33	0.30	18.00	1.41	419.00
TL13326	172.8	174.3	1356196	1.00	5.38	39.00	423.00	1.00	12.00	1.73	2.00	18.00	112.00	39.00	3.54	0.12	13.00	1.15	654.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13326	132.0	133.0	1356154	0.50	28.00	551.00	27.00	1.00	2.50	31.00	5.00	142.00	1728.00	24.00	32.00	12.00	6.00	65.00
TL13326	133.0	134.0	1356155	0.50	34.00	558.00	80.00	1.24	5.00	34.00	5.00	131.00	1581.00	27.00	34.00	5.00	6.00	84.00
TL13326	133.0	134.0	1356156	0.50	39.00	502.00	82.00	1.23	2.50	31.00	5.00	123.00	1463.00	15.00	32.00	5.00	5.00	83.00
TL13326	134.0	135.0	1356157	5.00	83.00	404.00	1203.00	2.78	2.50	29.00	5.00	80.00	1557.00	22.00	55.00	46.00	12.00	3659.00
TL13326	135.0	136.0	1356158	0.50	73.00	437.00	245.00	2.18	2.50	34.00	5.00	54.00	1477.00	25.00	59.00	28.00	11.00	2077.00
TL13326	136.0	137.0	1356159	0.50	95.00	493.00	76.00	1.66	2.50	32.00	10.00	29.00	1408.00	1.00	73.00	5.00	8.00	136.00
TL13326	137.0	138.0	1356161	2.00	97.00	496.00	74.00	2.03	2.50	24.00	5.00	65.00	1306.00	25.00	69.00	5.00	5.00	241.00
TL13326	138.0	139.5	1356162	0.50	91.00	495.00	84.00	2.42	2.50	30.00	5.00	66.00	1468.00	19.00	69.00	5.00	7.00	72.00
TL13326	139.5	141.0	1356163	0.50	101.00	490.00	60.00	1.30	2.50	24.00	5.00	107.00	1865.00	15.00	77.00	5.00	7.00	71.00
TL13326	141.0	142.5	1356164	0.50	82.00	435.00	52.00	1.20	2.50	23.00	5.00	93.00	1668.00	29.00	66.00	5.00	6.00	100.00
TL13326	142.5	143.5	1356165	0.50	88.00	429.00	85.00	2.01	2.50	25.00	5.00	103.00	1671.00	30.00	76.00	5.00	7.00	224.00
TL13326	143.5	144.5	1356166	0.50	61.00	401.00	777.00	2.21	2.50	25.00	5.00	73.00	1123.00	16.00	41.00	17.00	5.00	1182.00
TL13326	144.5	145.5	1356167	0.50	41.00	455.00	71.00	0.95	2.50	31.00	5.00	104.00	1205.00	26.00	32.00	5.00	5.00	124.00
TL13326	145.5	147.0	1356168	0.50	37.00	442.00	63.00	0.83	2.50	31.00	5.00	78.00	1366.00	14.00	27.00	10.00	3.00	223.00
TL13326	147.0	148.5	1356169	1.00	51.00	426.00	195.00	1.60	2.50	24.00	5.00	75.00	1396.00	29.00	39.00	14.00	4.00	663.00
TL13326	148.5	150.0	1356171	1.00	83.00	381.00	174.00	1.98	2.50	27.00	5.00	61.00	1522.00	22.00	53.00	16.00	7.00	638.00
TL13326	150.0	151.0	1356172	0.50	65.00	432.00	438.00	2.59	2.50	21.00	5.00	59.00	1261.00	17.00	45.00	19.00	6.00	777.00
TL13326	151.0	152.0	1356173	0.50	38.00	461.00	75.00	0.97	2.50	31.00	5.00	49.00	1119.00	20.00	25.00	5.00	3.00	77.00
TL13326	152.0	153.0	1356174	0.50	35.00	358.00	64.00	1.39	2.50	32.00	5.00	34.00	913.00	32.00	19.00	11.00	3.00	396.00
TL13326	153.0	154.0	1356176	0.50	67.00	384.00	61.00	1.74	2.50	25.00	5.00	46.00	1552.00	15.00	48.00	5.00	8.00	134.00
TL13326	153.0	154.0	1356175	0.50	69.00	383.00	67.00	1.73	2.50	27.00	5.00	55.00	1657.00	15.00	49.00	5.00	8.00	139.00
TL13326	154.0	155.0	1356177	0.50	53.00	323.00	269.00	1.95	2.50	33.00	5.00	49.00	1411.00	26.00	39.00	21.00	5.00	981.00
TL13326	155.0	156.0	1356178	0.50	33.00	406.00	71.00	1.32	2.50	35.00	5.00	52.00	1121.00	14.00	24.00	16.00	3.00	662.00
TL13326	156.0	157.0	1356179	0.50	32.00	379.00	2467.00	3.05	11.00	26.00	5.00	56.00	1058.00	19.00	22.00	81.00	4.00	79.00
TL13326	157.0	158.0	1356181	0.50	25.00	432.00	69.00	1.21	2.50	31.00	5.00	70.00	1203.00	10.00	25.00	5.00	3.00	139.00
TL13326	158.0	159.0	1356182	0.50	34.00	477.00	36.00	0.92	6.00	23.00	5.00	78.00	1463.00	16.00	27.00	5.00	3.00	100.00
TL13326	159.0	160.0	1356183	0.50	26.00	430.00	69.00	1.37	2.50	26.00	5.00	64.00	1195.00	20.00	24.00	21.00	4.00	1164.00
TL13326	160.0	161.0	1356184	0.50	30.00	417.00	52.00	1.13	2.50	37.00	5.00	65.00	1117.00	26.00	23.00	5.00	3.00	161.00
TL13326	161.0	162.0	1356185	0.50	75.00	495.00	57.00	0.71	2.50	32.00	5.00	113.00	1927.00	16.00	58.00	5.00	9.00	197.00
TL13326	162.0	163.5	1356186	2.00	87.00	451.00	58.00	1.32	2.50	28.00	5.00	76.00	1288.00	17.00	62.00	5.00	6.00	159.00
TL13326	163.5	165.0	1356187	2.00	98.00	482.00	58.00	1.45	2.50	33.00	5.00	65.00	1367.00	22.00	72.00	10.00	6.00	130.00
TL13326	165.0	166.5	1356188	0.50	103.00	485.00	52.00	1.41	2.50	20.00	5.00	55.00	1816.00	14.00	81.00	5.00	7.00	101.00
TL13326	166.5	167.6	1356189	0.50	55.00	485.00	45.00	1.28	2.50	23.00	5.00	85.0	1457.00	12.00	52.00	10.00	6.00	77.00
TL13326	167.6	168.8	1356191	0.50	36.00	318.00	74.00	1.50	2.50	23.00	5.00	23.00	776.00	6.00	20.00	12.00	3.00	303.00
TL13326	168.8	169.8	1356192	3.00	73.00	419.00	460.00	2.47	7.00	33.00	5.00	63.00	997.00	10.00	48.00	10.00	5.00	654.00
TL13326	169.8	171.3	1356193	0.50	86.00	420.00	76.00	1.03	2.50	29.00	5.00	92.00	1539.00	12.00	64.00	5.00	8.00	98.00
TL13326	171.3	172.8	1356194	3.00	88.00	482.00	48.00	0.55	2.50	36.00	5.00	171.00	2244.00	7.00	75.00	5.00	6.00	46.00
TL13326	172.8	174.3	1356196	0.50	82.00	442.00	54.00	1.07	2.50	31.00	5.00	114.00	2209.00	22.00	76.00	11.00	9.00	84.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13326	172.8	174.3	1356195	2.00	7.84	50.00	617.00	2.00	17.00	2.43	2.00	22.00	138.00	49.00	4.12	0.33	22.00	1.33	762.00
TL13326	174.3	175.8	1356197	1.00	6.17	65.00	537.00	2.00	3.00	2.14	2.00	18.00	100.00	59.00	2.98	0.14	12.00	1.28	843.00
TL13326	175.8	176.8	1356198	6.00	5.70	95.00	662.00	2.00	20.00	1.59	2.00	17.00	102.00	88.00	2.60	0.24	10.00	0.81	478.00
TL13326	176.8	177.8	1356199	2.00	5.12	84.00	484.00	1.00	0.50	2.15	2.00	12.00	80.00	86.00	2.42	0.13	8.00	1.12	665.00
TL13326	177.8	178.8	1356201	1.00	5.77	59.00	707.00	2.00	2.00	2.37	2.00	7.00	42.00	60.00	1.63	0.17	9.00	0.93	418.00
TL13326	178.8	179.9	1356202	1.00	7.49	51.00	954.00	2.00	36.00	2.52	2.00	7.00	23.00	3.00	1.78	0.18	14.00	0.92	317.00
TL13326	179.9	181.4	1356203	0.50	6.66	39.00	749.00	2.00	9.00	2.86	2.00	7.00	25.00	4.00	1.65	0.16	13.00	1.12	352.00
TL13326	181.4	182.1	368838	0.50	4.83	5.00	449.00	2.00	22.00	2.50	2.00	8.00	4.00	0.50	1.77	0.33	18.00	0.95	301.00
TL13326	182.1	183.0	368839	0.50	4.65	1.00	528.00	1.00	18.00	2.68	2.00	9.00	2.00	0.50	1.84	0.23	18.00	0.94	300.00
TL13326	183.0	184.0	368841	0.50	5.93	2.00	496.00	1.00	14.00	2.71	2.00	10.00	9.00	4.00	1.93	0.19	17.00	0.92	301.00
TL13326	184.0	185.0	368842	0.50	5.94	1.00	421.00	1.00	20.00	2.77	2.00	9.00	4.00	3.00	1.92	0.26	19.00	1.08	354.00
TL13326	185.0	186.0	368843	0.50	4.92	1.00	477.00	1.00	13.00	2.62	2.00	8.00	1.00	2.00	1.73	0.41	19.00	1.06	371.00
TL13326	186.0	187.0	368844	0.50	5.77	3.00	411.00	1.00	7.00	2.71	2.00	10.00	1.00	2.00	1.97	0.31	21.00	1.11	364.00
TL13326	187.0	188.0	368845	0.50	6.01	3.00	460.00	2.00	26.00	2.58	2.00	8.00	2.00	2.00	1.78	0.15	20.00	1.08	348.00
TL13326	187.0	188.0	368846	0.50	5.93	4.00	450.00	1.00	6.00	2.55	2.00	9.00	2.00	3.00	1.90	0.24	20.00	1.07	348.00
TL13326	188.0	189.0	368847	0.50	5.68	6.00	435.00	1.00	18.00	2.57	2.00	8.00	1.00	1.00	1.77	0.18	19.00	1.10	338.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13326	172.8	174.3	1356195	2.00	101.00	514.00	71.00	1.26	2.50	31.00	5.00	147.00	2901.00	34.00	93.00	11.00	10.00	92.00
TL13326	174.3	175.8	1356197	0.50	75.00	477.00	71.00	1.43	2.50	27.00	5.00	110.00	2303.00	27.00	67.00	11.00	10.00	101.00
TL13326	175.8	176.8	1356198	3.00	78.00	433.00	218.00	1.88	2.50	29.00	5.00	103.00	2281.00	6.00	74.00	11.00	9.00	191.00
TL13326	176.8	177.8	1356199	4.00	56.00	425.00	153.00	1.77	2.50	28.00	5.00	137.00	1737.00	22.00	52.00	15.00	8.00	793.00
TL13326	177.8	178.8	1356201	5.00	41.00	393.00	88.00	1.17	2.50	25.00	5.00	171.00	1540.00	24.00	40.00	11.00	3.00	451.00
TL13326	178.8	179.9	1356202	1.00	34.00	463.00	47.00	1.39	2.50	31.00	5.00	213.00	1843.00	25.00	35.00	5.00	2.00	65.00
TL13326	179.9	181.4	1356203	0.50	27.00	468.00	37.00	0.75	2.50	38.00	5.00	188.00	1731.00	17.00	35.00	5.00	2.00	136.00
TL13326	181.4	182.1	368838	0.50	9.00	496.00	0.50	0.08	8.00	13.00	5.00	178.00	1979.00	1.00	39.00	5.00	6.00	45.00
TL13326	182.1	183.0	368839	0.50	8.00	490.00	0.50	0.05	2.50	18.00	5.00	182.00	1918.00	1.00	38.00	5.00	6.00	48.00
TL13326	183.0	184.0	368841	0.50	9.00	522.00	0.50	0.08	2.50	22.00	5.00	178.00	2006.00	1.00	40.00	16.00	7.00	48.00
TL13326	184.0	185.0	368842	0.50	10.00	515.00	0.50	0.12	2.50	12.00	5.00	163.00	1990.00	1.00	38.00	10.00	7.00	40.00
TL13326	185.0	186.0	368843	0.50	9.00	486.00	0.50	0.07	2.50	17.00	10.00	159.00	1992.00	1.00	37.00	5.00	6.00	37.00
TL13326	186.0	187.0	368844	0.50	9.00	524.00	0.50	0.08	2.50	15.00	5.00	143.00	2073.00	1.00	39.00	12.00	7.00	49.00
TL13326	187.0	188.0	368845	0.50	10.00	534.00	0.50	0.07	6.00	6.00	11.00	141.00	2108.00	1.00	39.00	5.00	7.00	59.00
TL13326	187.0	188.0	368846	0.50	10.00	518.00	0.50	0.09	2.50	15.00	5.00	139.00	2092.00	1.00	38.00	5.00	7.00	57.00
TL13326	188.0	189.0	368847	0.50	9.00	524.00	0.50	0.07	5.00	11.00	5.00	133.00	2067.00	1.00	38.00	5.00	7.00	48.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13326	7.5	24.0	16.5	PY	DISS	2	1-2% diss. py, uncommon blebs and stringers
TL13326	7.5	29.0	21.5	SPH	ST	0.1	Trace sph stringers
TL13326	7.5	39.7	32.2	PB	BLB	0.1	Trace gn blebs associated with sph stringers
TL13326	7.5	69.4	61.9	PO	BLB	1	Trace to 1% po blebs near qz
TL13326	24.0	39.7	15.7	PY	DISS	5	4-5% diss. py, local blebs and concentrated stringers associated with sph
TL13326	29.0	39.7	10.7	SPH	ST	2	1-2% sph in common stringers with py
TL13326	39.7	40.0	0.3	CP	BLB	1	Abundant mineralization through an interval of deformed qz veins and host rock
TL13326	39.7	40.0	0.3	PY	BLB	15	Abundant mineralization through an interval of deformed qz veins and host rock
TL13326	39.7	40.0	0.3	PB	BLB	4	Abundant mineralization through an interval of deformed qz veins and host rock
TL13326	39.7	40.0	0.3	SPH	ST	3	Abundant mineralization through an interval of deformed qz veins and host rock
TL13326	40.0	55.0	15.1	PY	DISS	2	1-2% diss. py, uncommon blebs and stringers
TL13326	55.0	69.4	14.4	SPH	ST	2	1-2% sph stringers spread throughout interval, associated with deformed qz veins and py
TL13326	55.0	69.4	14.4	PB	BLB	1	1% gn blebs commonly accompanying sph/py stringers
TL13326	55.0	69.4	14.4	CP	BLB	0.1	Trace cpy blebs found with other sulfides
TL13326	55.0	69.4	14.4	PY	DISS	4	3-4% diss. py, local blebs and concentrated stringers associated with sph near deformed qz veins
TL13326	69.4	100.6	31.2	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13326	69.4	100.6	31.2	SPH	ST	0.1	Trace sph stringers
TL13326	100.6	104.0	3.4	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13326	100.6	104.0	3.4	SPH	ST	0.1	Trace sph stringers
TL13326	104.0	113.5	9.5	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13326	104.0	114.2	10.2	SPH	ST	0.1	Trace to 1% sph stringers
TL13326	104.0	114.2	10.2	PB	BLB	0.1	Trace gn blebs with sph stringers
TL13326	104.0	150.1	46.1	PO	BLB	0.1	Trace po blebs near qz veins and other sulfides
TL13326	113.5	120.0	6.5	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13326	114.2	134.0	19.8	SPH	ST	0.1	Trace sph stringers
TL13326	120.0	126.0	6.0	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13326	126.0	150.1	24.1	PY	DISS	5	4-5% diss. py, common blebs and stringers
TL13326	134.0	136.5	2.5	SPH	ST	2	1-2% sph stringers
TL13326	134.0	136.5	2.5	PB	BLB	0.1	Trace to 1% gn blebs with sph
TL13326	136.5	143.8	7.3	SPH	ST	0.1	Trace sph stringers
TL13326	143.8	144.1	0.3	SPH	ST	3	3% sph stringers in deformed qz veins
TL13326	143.9	144.0	0.1	PB	BLB	1	1% gn blebs in deformed qz veins

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13326	143.9	144.0	0.1	CP	BLB	2	1-2% cpy blebs in deformed qz veins
TL13326	144.0	144.0	0.0	AU	BLB	0.1	Possible fleck of VG <1mm
TL13326	144.1	150.1	6.0	SPH	ST	1	Trace to 1% sph stringers
TL13326	150.1	150.2	0.1	PB	BLB	1	Gn blebs found with sph stringers in deformed qz veins
TL13326	150.1	153.7	3.6	PY	DISS	4	3-4% diss. py, local blebs and stringers
TL13326	150.1	153.7	3.6	SPH	ST	1	Trace to 1% sph stringers
TL13326	153.7	153.9	0.2	PY	BLB	15	Abundant py blebs and stringers through deformed qz
TL13326	153.7	153.9	0.2	SPH	ST	2	1-2% sph/ank stringers through deformed qz
TL13326	153.7	153.9	0.2	PB	BLB	0.1	Trace gn within deformed qz
TL13326	153.9	156.3	2.4	SPH	ST	0.1	Trace sph stringers
TL13326	156.3	156.5	0.2	PY	BLB	10	Abundant py blebs and stringers through deformed qz
TL13326	156.3	156.5	0.2	PB	BLB	2	1-2% gb blebs in deformed qz
TL13326	156.3	156.5	0.2	CP	BLB	1	Trace to 1% cpy blebs
TL13326	156.3	156.5	0.2	SPH	ST	10	Abundant sph/ank stringers through deformed qz
TL13326	156.4	156.5	0.0	AU	BLB	0.1	Possible VG fleck <1mm, on lower half of core
TL13326	156.5	161.0	4.5	PY	BLB	3	2-3% diss. py, local blebs and stringers
TL13326	156.5	161.0	4.5	SPH	ST	0.1	Trace sph stringers
TL13326	161.0	167.6	6.7	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13326	167.6	169.8	2.2	PY	DISS	5	4-5% diss. py, abundant local blebs and stringers
TL13326	167.6	169.8	2.2	SPH	ST	1	1% sph stringers
TL13326	167.6	169.8	2.2	PO	BLB	1	1% po blebs and stringers
TL13326	169.8	175.8	6.0	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13326	175.8	179.9	4.1	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13326	175.8	179.9	4.1	SPH	ST	0.1	Trace sph stringers
TL13326	179.9	192.0	12.1	PY	DISS	2	1-2% diss. py, uncommon blebs and stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13326	7.5	35.0	27.5	FOL	Moderate	52	50-55 deg TCA
TL13326	7.5	69.4	61.9	FR	Weak	50	Fracture set 40-60 deg TCA, minor marginal alt, some infilled with dark green tourm
TL13326	32.4	32.5	0.1	Fold	Moderate	50	F2 fold, axial plane 50 deg TCA
TL13326	35.0	69.4	34.4	FOL	Moderate	55	
TL13326	42.9	43.0	0.1	Fold	Strong	30	F2 fold, axial plane 30 deg TCA
TL13326	58.2	58.3	0.1	Fold	Strong	40	F2 fold, axial plane 40 deg TCA
TL13326	69.4	100.6	31.2	FOL	Moderate	58	
TL13326	69.4	100.6	31.2	FR	Weak	50	Uncommon fractures 40-60 deg TCA, minor marginal alt
TL13326	86.0	86.1	0.1	Fold	Strong	40	F2 fold, axial plane 40 deg TCA
TL13326	89.0	89.2	0.2	Fold	Strong	20	F2 fold, axial plane 20 deg TCA
TL13326	100.6	104.0	3.4	FOL	Moderate	55	50-60 deg TCA
TL13326	104.0	120.0	16.0	FOL	Moderate	62	60-65 deg TCA
TL13326	104.0	150.1	46.1	FR	Weak	50	Fracture set 40-60 deg TCA, minor marginal alt, some infilled with dark green tourm or qz
TL13326	120.0	150.1	30.1	FOL	Moderate	60	55-65 deg TCA
TL13326	137.3	137.6	0.3	FTZ	Weak	60	Possible fault zone, abundant breaks along foliation with unlithified fault gouge
TL13326	149.6	149.7	0.2	Fold	Moderate	45	F2 fold, axial plane 45 deg TCA
TL13326	150.1	161.0	10.9	FR		40	Fracture set 20-60 deg TCA, some with minor marginal alt and infilled with qz-carb
TL13326	150.1	161.0	10.9	FOL		65	
TL13326	154.4	154.5	0.1	Fold		40	F2 fold, axial plane 40 deg TCA
TL13326	161.0	167.6	6.7	FOL	Moderate	57	55-60 deg TCA
TL13326	161.0	167.6	6.7	FR	Weak	40	Fracture set 20-60 deg TCA, some with minor marginal alt
TL13326	167.6	169.8	2.2	FOL	Moderate	58	
TL13326	169.8	175.8	6.0	FR	Weak	30	Fracture set 20-40 deg TCA, minor marginal alt
TL13326	169.8	175.8	6.0	FOL	Moderate	62	60-65 deg TCA
TL13326	175.8	179.9	4.1	FOL	Moderate	57	55-60 deg TCA
TL13326	179.9	192.0	12.1	FOL	Moderate	60	

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13326	7.5	9.2	1.7	SR	Patchy	Weak	Semi-pervasive sericite, 30% sr 70% bio
TL13326	7.5	69.4	61.9	SI	Pervasive	Moderate	Weak to moderate silicification
TL13326	9.2	28.7	19.5	SR	Patchy	Moderate	Semi-pervasive sericite, 70% sr 30% bio
TL13326	28.7	40.0	11.4	SR	Patchy	Very Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13326	40.0	54.0	14.0	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13326	54.0	58.0	4.0	SR	Patchy	Weak	Semi-pervasive sericite, 30% sr 70% bio
TL13326	58.0	69.4	11.4	SR	Patchy	Very Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13326	69.4	100.6	31.2	CH	Fract-Cont	Weak	Weak chl alteration near some fractures
TL13326	69.4	100.6	31.2	SI	Pervasive	Weak	Weak silicification
TL13326	69.4	100.6	31.2	SR	Patchy	Weak	Semi-pervasive sericite, 30% sr 70% bio
TL13326	100.6	101.0	0.4	CH	Pervasive	Weak	Weak, light green chl overprinting
TL13326	100.6	104.0	3.4	SI	Pervasive	Weak	Weak silicification
TL13326	100.6	104.0	3.4	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13326	104.0	111.0	7.0	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio
TL13326	104.0	150.1	46.1	CH	Fract-Cont	Weak	Weak chl alteration near some fractures
TL13326	104.0	150.1	46.1	SI	Pervasive	Moderate	Weak to moderate silicification
TL13326	150.1	161.0	10.9	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13326	150.1	161.0	10.9	SI	Pervasive	Moderate	Moderate silicification
TL13326	161.0	167.6	6.7	SI	Pervasive	Very Weak	Weak silicification
TL13326	161.0	167.6	6.7	SR	Patchy	Very Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13326	167.6	169.8	2.2	SR	Patchy	Strong	Semi-pervasive sericite, 85% sr 15% bio
TL13326	167.6	169.8	2.2	SI	Pervasive	Weak	Weak silicification
TL13326	169.8	175.8	6.0	SR	Patchy	Very Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13326	169.8	175.8	6.0	SI	Pervasive	Weak	Weak silicification
TL13326	175.8	179.9	4.1	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13326	175.8	179.9	4.1	SI	Pervasive	Weak	Weak silicification
TL13326	179.9	192.0	12.1	SR	Patchy	Weak	Semi-pervasive sericite, 35% sr 65% bio, not typical, darker biotite bands have high sr content giving them a medium to light grey appearance
TL13326	179.9	192.0	12.1	SI	Pervasive	Very Weak	Very weak silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13326	9	12	3	3.1	2.1	103.33	70	25	
TL13326	12	15	3	3.04	2.43	101.33	81	13	
TL13326	15	18	3	2.77	2.09	92.33	69.67	18	
TL13326	18	21	3	2.95	2.61	98.33	87	11	
TL13326	21	24	3	3.01	2.12	100.33	70.67	21	
TL13326	24	27	3	2.88	2.31	96	77	18	
TL13326	27	30	3	3.01	2.62	100.33	87.33	10	
TL13326	30	33	3	2.98	2.71	99.33	90.33	8	
TL13326	33	36	3	2.95	2.69	98.33	89.67	9	
TL13326	36	39	3	2.93	2.53	97.67	84.33	17	
TL13326	39	42	3	3.02	2.58	100.67	86	14	
TL13326	42	45	3	2.99	2.93	99.67	97.67	10	
TL13326	45	48	3	3	2.77	100	92.33	13	
TL13326	48	51	3	2.93	2.59	97.67	86.33	12	
TL13326	51	54	3	3.01	2.34	100.33	78	18	
TL13326	54	57	3	3.02	2.86	100.67	95.33	7	
TL13326	57	60	3	2.93	2.38	97.67	79.33	13	
TL13326	60	63	3	3.01	2.67	100.33	89	15	
TL13326	63	66	3	3.05	2.74	101.67	91.33	15	
TL13326	66	69	3	2.95	2.27	98.33	75.67	22	
TL13326	69	72	3	3.01	2.84	100.33	94.67	8	
TL13326	72	75	3	2.99	2.99	99.67	99.67	8	
TL13326	75	78	3	2.93	2.41	97.67	80.33	18	
TL13326	78	81	3	3.07	1.95	102.33	65	23	
TL13326	81	84	3	3.03	2.98	101	99.33	12	
TL13326	84	87	3	2.9	2.82	96.67	94	10	
TL13326	87	90	3	2.92	2.69	97.33	89.67	11	
TL13326	90	93	3	3.01	2.86	100.33	95.33	14	
TL13326	93	96	3	3	2.67	100	89	13	
TL13326	96	99	3	2.99	2.49	99.67	83	13	
TL13326	99	102	3	2.97	2.44	99	81.33	11	
TL13326	102	105	3	3.03	3.03	101	101	7	
TL13326	105	108	3	2.94	2.61	98	87	13	
TL13326	108	111	3	3.04	2.83	101.33	94.33	9	
TL13326	111	114	3	2.89	2.85	96.33	95	7	
TL13326	114	117	3	3.02	2.83	100.67	94.33	17	
TL13326	117	120	3	2.98	2.72	99.33	90.67	9	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13326	120	123	3	2.98	2.51	99.33	83.67	13	
TL13326	123	126	3	2.95	2.39	98.33	79.67	12	
TL13326	126	129	3	2.95	2.71	98.33	90.33	12	
TL13326	129	132	3	2.95	2.64	98.33	88	12	
TL13326	132	135	3	3.02	2.65	100.67	88.33	12	
TL13326	135	138	3	3	1.54	100	51.33	37	SRP
TL13326	138	141	3	3.01	2.61	100.33	87	19	
TL13326	141	144	3	2.92	2.27	97.33	75.67	13	
TL13326	144	147	3	2.9	2.44	96.67	81.33	17	
TL13326	147	150	3	2.91	2.31	97	77	18	
TL13326	150	153	3	2.98	2.73	99.33	91	14	
TL13326	153	156	3	3.03	2.91	101	97	7	
TL13326	156	159	3	2.92	2.81	97.33	93.67	5	
TL13326	159	162	3	2.96	2.69	98.67	89.67	11	
TL13326	162	165	3	2.92	2.37	97.33	79	17	
TL13326	165	168	3	3.01	2.78	100.33	92.67	14	
TL13326	168	171	3	2.97	2.57	99	85.67	17	
TL13326	171	174	3	2.95	2.41	98.33	80.33	11	
TL13326	174	177	3	2.99	2.99	99.67	99.67	8	
TL13326	177	180	3	3.01	2.89	100.33	96.33	3	
TL13326	180	183	3	2.94	2.78	98	92.67	6	
TL13326	183	186	3	3.01	2.73	100.33	91	8	
TL13326	186	189	3	2.91	2.78	97	92.67	6	
TL13326	189	192	3	3.01	3.01	100.33	100.33	6	

Hole Number: TL13327

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
14.38	46.65	BMS, Biotite Muscovite Schist	1377501	15.00	16.50	1.50	0.02				
		This BMS unit is very patchy and starts out with moderate patchy sericitic alteration before becoming very weak and patchy. The silicification in this unit is weak to strong and patchy throughout. This unit contains about 1% disseminated pyrite and trace pyrite in 1-2mm wide stringers.	1377502	16.50	18.00	1.50	0.01				
			1377503	18.00	19.50	1.50	0.01				
			1377504	19.50	21.00	1.50	0.02				
			1377505	21.00	22.50	1.50	0.01				
			1377506	22.50	24.00	1.50	0.01				
			1377507	24.00	25.50	1.50	0.01				
			1377508	25.50	27.00	1.50	0.01				
			1377509	27.00	28.50	1.50	0.01				
			1377511	28.50	30.00	1.50	0.01				
			1377512	30.00	31.50	1.50	0.02				
			1377513	31.50	33.00	1.50	0.01				
			1377514	33.00	34.50	1.50	0.01				
			1377516	34.50	36.00	1.50	0.02				
			1377515	34.50	36.00	1.50	0.02				
			1377517	36.00	37.50	1.50	0.01				
			1377518	37.50	39.00	1.50	0.01				
			1377519	39.00	40.50	1.50	0.01				
			1377521	40.50	42.00	1.50	0.02				
			1377522	42.00	43.00	1.00	0.01				
			1377523	43.00	44.00	1.00	0.05				
		1377524	44.00	45.10	1.10	0.04					
		1377525	45.10	46.60	1.50	0.01					
		1377526	46.60	47.60	1.00	0.02					

Hole Number: TL13327

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
46.65	73.65	MSS, Muscovite Sericite Schist	1377527	47.60	48.60	1.00	0.03				
		MSS C-Zone from 46.65m-73.65m	1377528	48.60	49.60	1.00	0.08				
		This C-Zone MSS unit has very strong semi-pervasive to patchy sericitic alteration, weak to moderate patchy silicification and a very small weak patch of chloritic alteration towards the lower contact. This unit is well mineralized with 3% pyrite in stringers, 2% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs, and trace chalcopyrite blebs. The best mineralized interval occurs between 57.25m-62.20m.	1377529	49.60	51.00	1.40	0.10				
			1377531	51.00	52.50	1.50	0.26				
			1377532	52.50	53.50	1.00	0.19				
			1377533	53.50	54.50	1.00	0.26				
			1377534	54.50	55.50	1.00	0.13				
			1377535	55.50	56.50	1.00	0.40				
			1377536	55.50	56.50	1.00	0.47				
			1377537	56.50	57.50	1.00	1.12				
			1377538	57.50	58.50	1.00	0.14				
			1377539	58.50	59.50	1.00	0.55				
			1377541	59.50	60.50	1.00	0.24				
			1377542	60.50	61.50	1.00	0.13				
			1377543	61.50	62.50	1.00	0.65				
			1377544	62.50	64.00	1.50	0.18				
			1377545	64.00	65.50	1.50	0.07				
			1377546	65.50	66.50	1.00	0.59				
			1377547	66.50	68.00	1.50	0.29				
			1377548	68.00	69.50	1.50	0.16				
			1377549	69.50	71.00	1.50	0.73				
			1377551	71.00	72.50	1.50	0.19				
			1377552	72.50	73.60	1.10	0.59				
			1377553	73.60	75.00	1.40	0.04				
73.65	99.00	BMS, Biotite Muscovite Schist	1377554	75.00	76.50	1.50	0.04				
		This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with trace to 1% disseminated pyrite, trace pyrite stringers, trace pyrrhotite stringers and sphalerite lenses localized to within qtz-chl veins.	1377555	76.50	78.00	1.50	0.02				
			1377556	76.50	78.00	1.50	0.02				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377501	15.00	16.50	0.0150				
1377502	16.50	18.00	0.0060				
1377503	18.00	19.50	0.0080				
1377504	19.50	21.00	0.0150				
1377505	21.00	22.50	0.0120				
1377506	22.50	24.00	0.0090				
1377507	24.00	25.50	0.0110				
1377508	25.50	27.00	0.0100				
1377509	27.00	28.50	0.0080				

Hole Number: TL13327

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377511	28.50	30.00	0.0080				
1377512	30.00	31.50	0.0160				
1377513	31.50	33.00	0.0050				
1377514	33.00	34.50	0.0050				
1377515	34.50	36.00	0.0220				
1377517	36.00	37.50	0.0120				
1377518	37.50	39.00	0.0120				
1377519	39.00	40.50	0.0090				
1377521	40.50	42.00	0.0190				
1377522	42.00	43.00	0.0080				
1377523	43.00	44.00	0.0480				
1377524	44.00	45.10	0.0400				
1377525	45.10	46.60	0.0110				
1377526	46.60	47.60	0.0170				
1377527	47.60	48.60	0.0290				
1377528	48.60	49.60	0.0750				
1377529	49.60	51.00	0.1040				
1377531	51.00	52.50	0.2590				
1377532	52.50	53.50	0.1860				
1377533	53.50	54.50	0.2620				
1377534	54.50	55.50	0.1260				
1377535	55.50	56.50	0.4030				
1377537	56.50	57.50	1.1170				
1377538	57.50	58.50	0.1440				
1377539	58.50	59.50	0.5530				
1377541	59.50	60.50	0.2350				
1377542	60.50	61.50	0.1330				
1377543	61.50	62.50	0.6510				
1377544	62.50	64.00	0.1830				
1377545	64.00	65.50	0.0740				
1377546	65.50	66.50	0.5870				
1377547	66.50	68.00	0.2930				
1377548	68.00	69.50	0.1550				
1377549	69.50	71.00	0.7250				
1377551	71.00	72.50	0.1920				
1377552	72.50	73.60	0.5870				
1377553	73.60	75.00	0.0440				
1377554	75.00	76.50	0.0350				
1377555	76.50	78.00	0.0220				

Hole Number: TL13327

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1377516	34.50	36.00	0.0220				
1377536	55.50	56.50	0.4690				
1377556	76.50	78.00	0.0200				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13327	15.0	16.5	1377501	1.00	6.87	39.00	723.00	1.00	11.00	2.33	2.00	6.00	15.00	7.00	1.55	0.21	17.00	0.83	306.00
TL13327	16.5	18.0	1377502	0.50	6.88	25.00	745.00	2.00	5.00	1.98	2.00	5.00	15.00	5.00	1.70	0.31	18.00	0.77	366.00
TL13327	18.0	19.5	1377503	1.00	7.31	26.00	757.00	2.00	7.00	2.15	2.00	4.00	16.00	6.00	1.89	0.32	19.00	0.72	372.00
TL13327	19.5	21.0	1377504	0.50	6.72	31.00	693.00	1.00	0.50	1.54	2.00	5.00	13.00	7.00	1.67	0.36	15.00	0.71	310.00
TL13327	21.0	22.5	1377505	1.00	5.95	33.00	668.00	1.00	25.00	1.82	2.00	6.00	11.00	3.00	1.55	0.35	14.00	0.98	367.00
TL13327	22.5	24.0	1377506	2.00	6.34	43.00	794.00	2.00	26.00	2.30	2.00	7.00	16.00	10.00	1.60	0.26	21.00	0.98	352.00
TL13327	24.0	25.5	1377507	0.50	4.85	49.00	622.00	1.00	6.00	1.61	2.00	10.00	11.00	7.00	2.18	0.39	18.00	1.46	498.00
TL13327	25.5	27.0	1377508	0.50	3.73	40.00	475.00	1.00	0.50	1.62	2.00	8.00	17.00	15.00	2.00	0.15	11.00	1.13	446.00
TL13327	27.0	28.5	1377509	0.50	2.05	26.00	380.00	1.00	3.00	1.50	2.00	7.00	24.00	5.00	2.03	0.07	8.00	1.04	430.00
TL13327	28.5	30.0	1377511	1.00	1.90	21.00	442.00	1.00	0.50	0.90	2.00	8.00	19.00	5.00	1.72	0.16	9.00	0.74	364.00
TL13327	30.0	31.5	1377512	2.00	3.56	22.00	445.00	1.00	0.50	2.08	2.00	8.00	26.00	7.00	1.81	0.22	9.00	0.73	410.00
TL13327	31.5	33.0	1377513	2.00	5.93	20.00	721.00	1.00	0.50	2.92	2.00	9.00	41.00	8.00	2.35	0.53	17.00	1.10	536.00
TL13327	33.0	34.5	1377514	1.00	2.47	27.00	471.00	2.00	0.50	1.54	2.00	6.00	17.00	1.00	1.72	0.22	9.00	0.98	479.00
TL13327	34.5	36.0	1377515	0.50	1.60	41.00	410.00	1.00	9.00	0.80	2.00	9.00	40.00	12.00	2.14	0.02	2.00	0.82	559.00
TL13327	34.5	36.0	1377516	0.50	2.54	40.00	443.00	1.00	6.00	1.13	2.00	9.00	35.00	13.00	2.07	0.37	3.00	0.82	566.00
TL13327	36.0	37.5	1377517	1.00	3.76	35.00	436.00	1.00	11.00	1.88	2.00	7.00	16.00	6.00	1.74	0.19	8.00	1.06	642.00
TL13327	37.5	39.0	1377518	0.50	5.91	35.00	577.00	1.00	19.00	2.69	2.00	8.00	16.00	3.00	2.19	0.22	12.00	1.38	809.00
TL13327	39.0	40.5	1377519	0.50	4.38	26.00	592.00	3.00	14.00	2.82	2.00	8.00	17.00	3.00	2.16	0.16	9.00	1.54	936.00
TL13327	40.5	42.0	1377521	0.50	4.62	26.00	482.00	1.00	10.00	2.18	2.00	14.00	86.00	32.00	2.80	0.12	14.00	1.26	588.00
TL13327	42.0	43.0	1377522	0.50	3.68	27.00	403.00	1.00	12.00	1.47	2.00	20.00	123.00	39.00	3.61	0.19	10.00	1.37	659.00
TL13327	43.0	44.0	1377523	1.00	5.43	28.00	457.00	2.00	0.50	1.96	2.00	24.00	138.00	50.00	4.26	0.22	11.00	1.46	696.00
TL13327	44.0	45.1	1377524	0.50	3.57	54.00	348.00	1.00	0.50	1.15	2.00	13.00	50.00	23.00	2.62	0.19	2.00	0.97	363.00
TL13327	45.1	46.6	1377525	0.50	4.37	46.00	377.00	1.00	10.00	1.90	2.00	7.00	19.00	10.00	1.68	0.24	8.00	1.26	433.00
TL13327	46.6	47.6	1377526	0.50	2.66	39.00	357.00	1.00	0.50	0.54	2.00	6.00	15.00	13.00	1.43	0.35	0.50	0.58	226.00
TL13327	47.6	48.6	1377527	0.50	2.37	37.00	312.00	1.00	0.50	0.59	2.00	6.00	11.00	8.00	1.46	0.32	0.50	0.53	224.00
TL13327	48.6	49.6	1377528	1.00	3.87	51.00	409.00	1.00	0.50	0.79	2.00	7.00	16.00	29.00	1.43	0.56	0.50	0.48	176.00
TL13327	49.6	51.0	1377529	0.50	1.32	40.00	266.00	1.00	0.50	0.04	2.00	6.00	11.00	9.00	1.40	0.45	0.50	0.23	50.00
TL13327	51.0	52.5	1377531	1.00	2.98	44.00	425.00	1.00	8.00	0.35	2.00	6.00	20.00	17.00	1.39	0.17	0.50	0.22	50.00
TL13327	52.5	53.5	1377532	1.00	1.38	78.00	331.00	1.00	5.00	0.01	2.00	14.00	73.00	28.00	2.04	0.24	0.50	0.17	50.00
TL13327	53.5	54.5	1377533	2.00	2.34	73.00	434.00	1.00	0.50	0.06	2.00	10.00	52.00	20.00	1.79	0.37	0.50	0.14	50.00
TL13327	54.5	55.5	1377534	0.50	1.29	83.00	379.00	1.00	8.00	0.01	2.00	7.00	8.00	25.00	1.67	0.45	0.50	0.20	50.00
TL13327	55.5	56.5	1377535	0.50	2.08	74.00	451.00	1.00	0.50	0.01	2.00	6.00	13.00	18.00	1.32	0.42	0.50	0.12	50.00
TL13327	55.5	56.5	1377536	1.00	3.05	50.00	511.00	1.00	0.50	0.12	2.00	6.00	14.00	20.00	1.22	0.46	0.50	0.12	50.00
TL13327	56.5	57.5	1377537	4.00	2.55	71.00	459.00	1.00	0.50	0.04	4.00	5.00	12.00	81.00	1.56	0.51	0.50	0.14	50.00
TL13327	57.5	58.5	1377538	0.50	2.48	55.00	429.00	1.00	4.00	0.35	2.00	7.00	22.00	21.00	1.35	0.50	0.50	0.56	233.00
TL13327	58.5	59.5	1377539	4.00	2.25	88.00	403.00	1.00	0.50	0.01	2.00	9.00	29.00	24.00	1.60	0.49	0.50	0.19	50.00
TL13327	59.5	60.5	1377541	0.50	3.12	96.00	435.00	1.00	14.00	0.01	4.00	9.00	50.00	20.00	2.22	0.34	0.50	0.19	50.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13327	15.0	16.5	1377501	0.50	25.00	537.00	16.00	0.62	2.50	36.00	5.00	303.00	1880.00	19.00	35.00	5.00	3.00	25.00
TL13327	16.5	18.0	1377502	0.50	28.00	571.00	14.00	0.52	2.50	23.00	5.00	298.00	1962.00	17.00	36.00	5.00	3.00	28.00
TL13327	18.0	19.5	1377503	0.50	31.00	496.00	21.00	0.45	2.50	26.00	5.00	340.00	1938.00	18.00	37.00	10.00	2.00	28.00
TL13327	19.5	21.0	1377504	0.50	28.00	528.00	23.00	0.52	2.50	31.00	14.00	288.00	1505.00	38.00	34.00	5.00	2.00	26.00
TL13327	21.0	22.5	1377505	0.50	26.00	508.00	24.00	1.03	2.50	24.00	5.00	322.00	1223.00	13.00	33.00	5.00	2.00	24.00
TL13327	22.5	24.0	1377506	0.50	35.00	525.00	26.00	1.15	2.50	30.00	20.00	381.00	1452.00	47.00	36.00	5.00	1.00	24.00
TL13327	24.0	25.5	1377507	0.50	24.00	741.00	20.00	1.74	2.50	30.00	5.00	278.00	1376.00	6.00	37.00	11.00	3.00	29.00
TL13327	25.5	27.0	1377508	0.50	30.00	530.00	25.00	1.90	2.50	32.00	5.00	203.00	1314.00	20.00	32.00	5.00	4.00	43.00
TL13327	27.0	28.5	1377509	2.00	45.00	500.00	14.00	1.28	2.50	30.00	5.00	166.00	1451.00	16.00	31.00	5.00	3.00	53.00
TL13327	28.5	30.0	1377511	0.50	38.00	555.00	8.00	0.62	2.50	28.00	5.00	111.00	1646.00	17.00	32.00	5.00	3.00	43.00
TL13327	30.0	31.5	1377512	0.50	41.00	530.00	25.00	0.75	2.50	29.00	5.00	205.00	1944.00	13.00	36.00	5.00	3.00	53.00
TL13327	31.5	33.0	1377513	5.00	75.00	666.00	21.00	0.93	5.00	31.00	5.00	281.00	2623.00	9.00	44.00	12.00	4.00	64.00
TL13327	33.0	34.5	1377514	0.50	28.00	527.00	12.00	0.74	6.00	23.00	5.00	149.00	1917.00	15.00	34.00	5.00	3.00	43.00
TL13327	34.5	36.0	1377515	0.50	52.00	540.00	21.00	1.76	2.50	21.00	5.00	115.00	1450.00	16.00	37.00	5.00	5.00	34.00
TL13327	34.5	36.0	1377516	0.50	42.00	531.00	19.00	1.72	2.50	32.00	5.00	142.00	1420.00	26.00	36.00	10.00	5.00	36.00
TL13327	36.0	37.5	1377517	0.50	26.00	510.00	25.00	0.90	2.50	28.00	5.00	181.00	1499.00	19.00	29.00	5.00	3.00	44.00
TL13327	37.5	39.0	1377518	0.50	28.00	610.00	34.00	0.94	2.50	32.00	5.00	215.00	1900.00	12.00	38.00	5.00	4.00	64.00
TL13327	39.0	40.5	1377519	0.50	27.00	531.00	14.00	0.65	2.50	28.00	5.00	218.00	1737.00	10.00	36.00	5.00	4.00	42.00
TL13327	40.5	42.0	1377521	0.50	61.00	479.00	19.00	0.45	2.50	25.00	5.00	197.00	2059.00	21.00	58.00	5.00	7.00	48.00
TL13327	42.0	43.0	1377522	0.50	83.00	455.00	39.00	0.76	2.50	29.00	5.00	140.00	1961.00	9.00	79.00	5.00	9.00	71.00
TL13327	43.0	44.0	1377523	0.50	96.00	537.00	45.00	1.69	2.50	22.00	5.00	154.00	2195.00	34.00	91.00	13.00	9.00	89.00
TL13327	44.0	45.1	1377524	0.50	49.00	506.00	26.00	1.90	2.50	25.00	5.00	94.00	1360.00	16.00	48.00	5.00	5.00	44.00
TL13327	45.1	46.6	1377525	0.50	24.00	462.00	31.00	0.90	2.50	25.00	5.00	109.00	1161.00	14.00	31.00	5.00	3.00	51.00
TL13327	46.6	47.6	1377526	0.50	21.00	466.00	17.00	1.16	2.50	36.00	5.00	64.00	1006.00	12.00	28.00	5.00	3.00	68.00
TL13327	47.6	48.6	1377527	0.50	20.00	422.00	37.00	1.30	2.50	22.00	5.00	72.00	791.00	20.00	25.00	5.00	3.00	44.00
TL13327	48.6	49.6	1377528	0.50	23.00	539.00	40.00	1.38	2.50	26.00	5.00	92.00	889.00	26.00	27.00	5.00	3.00	60.00
TL13327	49.6	51.0	1377529	0.50	20.00	403.00	26.00	1.64	2.50	25.00	5.00	57.00	720.00	16.00	22.00	5.00	3.00	91.00
TL13327	51.0	52.5	1377531	0.50	30.00	453.00	31.00	1.53	2.50	25.00	5.00	74.00	943.00	19.00	28.00	5.00	3.00	47.00
TL13327	52.5	53.5	1377532	0.50	65.00	391.00	47.00	2.50	2.50	26.00	5.00	43.00	782.00	20.00	48.00	5.00	5.00	51.00
TL13327	53.5	54.5	1377533	1.00	49.00	268.00	122.00	2.22	2.50	24.00	5.00	55.00	702.00	9.00	36.00	10.00	3.00	788.00
TL13327	54.5	55.5	1377534	0.50	19.00	471.00	59.00	2.02	2.50	26.00	5.00	40.00	688.00	9.00	23.00	5.00	3.00	214.00
TL13327	55.5	56.5	1377535	0.50	21.00	357.00	80.00	1.52	2.50	20.00	5.00	51.00	756.00	1.00	27.00	5.00	2.00	139.00
TL13327	55.5	56.5	1377536	0.50	21.00	353.00	102.00	1.46	2.50	29.00	5.00	65.00	764.00	25.00	27.00	5.00	2.00	90.00
TL13327	56.5	57.5	1377537	0.50	18.00	332.00	509.00	1.89	7.00	29.00	5.00	59.00	726.00	18.00	25.00	17.00	2.00	1242.00
TL13327	57.5	58.5	1377538	0.50	29.00	463.00	87.00	1.35	2.50	29.00	5.00	60.00	714.00	6.00	32.00	5.00	3.00	80.00
TL13327	58.5	59.5	1377539	0.50	32.00	376.00	263.00	1.95	2.50	23.00	5.00	47.00	735.00	13.00	34.00	14.00	2.00	565.00
TL13327	59.5	60.5	1377541	0.50	41.00	163.00	76.00	2.78	2.50	29.00	5.00	53.00	905.00	12.00	45.00	13.00	2.00	911.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13327	60.5	61.5	1377542	3.00	2.44	50.00	428.00	2.00	5.00	0.01	2.00	6.00	19.00	28.00	1.15	0.27	0.50	0.34	111.00
TL13327	61.5	62.5	1377543	33.00	1.06	112.00	262.00	1.00	0.50	0.12	10.00	7.00	21.00	122.00	1.62	0.17	0.50	0.40	227.00
TL13327	62.5	64.0	1377544	11.00	2.73	62.00	341.00	1.00	0.50	0.98	2.00	6.00	25.00	35.00	1.52	0.37	0.50	0.85	514.00
TL13327	64.0	65.5	1377545	0.50	3.50	44.00	376.00	1.00	0.50	1.45	2.00	6.00	22.00	7.00	1.49	0.19	2.00	0.96	629.00
TL13327	65.5	66.5	1377546	4.00	1.60	74.00	254.00	1.00	0.50	0.37	2.00	6.00	24.00	34.00	1.64	0.29	0.50	0.47	264.00
TL13327	66.5	68.0	1377547	1.00	3.63	52.00	437.00	1.00	0.50	1.04	2.00	6.00	15.00	7.00	1.33	0.49	0.50	0.65	376.00
TL13327	68.0	69.5	1377548	0.50	4.35	116.00	333.00	2.00	0.50	0.79	2.00	13.00	75.00	27.00	2.44	2.80	4.00	0.90	526.00
TL13327	69.5	71.0	1377549	8.00	1.59	66.00	248.00	1.00	12.00	0.49	2.00	6.00	11.00	102.00	1.39	0.96	0.50	0.56	318.00
TL13327	71.0	72.5	1377551	2.00	8.70	77.00	894.00	2.00	10.00	1.89	2.00	7.00	34.00	25.00	1.31	0.01	17.00	0.42	182.00
TL13327	72.5	73.6	1377552	2.00	7.96	95.00	763.00	1.00	25.00	1.97	2.00	11.00	91.00	43.00	2.28	0.01	14.00	0.56	269.00
TL13327	73.6	75.0	1377553	2.00	8.19	47.00	915.00	3.00	31.00	3.87	2.00	9.00	45.00	9.00	1.98	0.27	21.00	1.14	525.00
TL13327	75.0	76.5	1377554	1.00	7.27	47.00	759.00	2.00	23.00	3.24	2.00	7.00	40.00	21.00	1.85	0.09	17.00	1.50	660.00
TL13327	76.5	78.0	1377556	0.50	3.55	29.00	354.00	1.00	0.50	2.04	2.00	7.00	29.00	4.00	1.74	0.16	3.00	1.43	626.00
TL13327	76.5	78.0	1377555	2.00	7.11	44.00	815.00	1.00	24.00	3.24	2.00	8.00	38.00	5.00	1.70	0.12	19.00	1.18	591.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13327	60.5	61.5	1377542	0.50	31.00	334.00	237.00	1.16	2.50	31.00	5.00	48.00	948.00	41.00	29.00	16.00	2.00	938.00
TL13327	61.5	62.5	1377543	0.50	42.00	361.00	593.00	1.86	20.00	31.00	5.00	43.00	748.00	3.00	21.00	31.00	2.00	2640.00
TL13327	62.5	64.0	1377544	0.50	45.00	491.00	116.00	1.23	5.00	27.00	5.00	69.00	1154.00	8.00	28.00	14.00	3.00	327.00
TL13327	64.0	65.5	1377545	0.50	37.00	443.00	47.00	1.04	2.50	26.00	5.00	79.00	1399.00	41.00	28.00	5.00	3.00	116.00
TL13327	65.5	66.5	1377546	0.50	44.00	402.00	137.00	1.71	2.50	28.00	5.00	55.00	1053.00	23.00	23.00	15.00	3.00	733.00
TL13327	66.5	68.0	1377547	0.50	39.00	415.00	40.00	1.12	2.50	27.00	5.00	84.00	1285.00	22.00	28.00	5.00	3.00	74.00
TL13327	68.0	69.5	1377548	4.00	102.00	476.00	45.00	1.99	2.50	21.00	5.00	74.00	1798.00	23.00	58.00	11.00	9.00	76.00
TL13327	69.5	71.0	1377549	0.50	33.00	396.00	329.00	1.19	2.50	31.00	5.00	58.00	1070.00	21.00	24.00	5.00	3.00	149.00
TL13327	71.0	72.5	1377551	3.00	50.00	479.00	79.00	1.10	5.00	38.00	5.00	144.00	1978.00	20.00	40.00	15.00	1.00	96.00
TL13327	72.5	73.6	1377552	4.00	85.00	437.00	116.00	2.03	2.50	22.00	5.00	145.00	1975.00	21.00	57.00	12.00	4.00	437.00
TL13327	73.6	75.0	1377553	3.00	80.00	525.00	56.00	0.76	2.50	29.00	5.00	209.00	2268.00	17.00	45.00	5.00	2.00	69.00
TL13327	75.0	76.5	1377554	3.00	66.00	472.00	36.00	0.65	2.50	33.00	5.00	166.00	1879.00	12.00	37.00	10.00	2.00	194.00
TL13327	76.5	78.0	1377556	0.50	53.00	444.00	15.00	0.42	2.50	30.00	5.00	95.00	1463.00	14.00	30.00	5.00	3.00	40.00
TL13327	76.5	78.0	1377555	3.00	67.00	459.00	24.00	0.44	2.50	41.00	5.00	158.00	1934.00	26.00	38.00	5.00	2.00	36.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13327	14.4	46.7	32.3	PY	DISS	1	1% disseminated py throughout the interval
TL13327	14.4	46.7	32.3	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13327	46.7	73.7	27.0	PY	DISS	2	2% disseminated py throughout the interval
TL13327	46.7	73.7	27.0	PY	ST	3	3% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13327	46.7	73.7	27.0	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation and along margins of smokey grey qtz veins
TL13327	57.3	62.2	5.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy blebs
TL13327	57.3	62.2	5.0	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins and associated w/ gal
TL13327	73.7	99.0	25.4	SPH	LEN	0.1	Trace sph lenses localized to within qtz-chl veins
TL13327	73.7	99.0	25.4	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL13327	73.7	99.0	25.4	PY	DISS	0.1	Trace to 1% disseminated pyrite throughout the interval
TL13327	73.7	99.0	25.4	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13327	14.4	28.0	13.6	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13327	14.4	46.7	32.3	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13327	16.0	17.0	1.0	Fold	Very Weak	35	V. weak F2 folding oriented at 25 deg TCA
TL13327	28.0	31.9	3.9	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13327	31.9	46.7	14.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13327	46.7	51.5	4.9	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13327	46.7	73.7	27.0	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13327	51.5	73.7	22.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13327	73.7	82.8	9.2	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13327	73.7	99.0	25.4	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13327	82.8	87.6	4.8	FOL	Strong	60	Moderate to strong foliation at 60 deg TCA
TL13327	87.6	99.0	11.5	FOL	Weak	50	Weak foliation at 50 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13327	14.4	30.0	15.6	SI	Patchy	Weak	Weak patchy sil alt
TL13327	14.4	38.1	23.8	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13327	30.0	46.7	16.7	SI	Patchy	Strong	Strong patchy silicification
TL13327	38.1	46.7	8.5	SR	Patchy	Very Weak	V. weak patchy ser alt 10% ser to 90% bio
TL13327	46.7	62.5	15.9	SR	Pervasive	Very Strong	V. strong semi-pervasive ser alt, 90% ser to 10% bio
TL13327	46.7	69.0	22.4	SI	Patchy	Weak	Weak patchy sil alt
TL13327	62.5	73.7	11.2	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13327	69.0	73.7	4.7	SI	Patchy	Moderate	Moderate patchy sil alt
TL13327	73.0	73.7	0.7	CH	Patchy	Weak	WeaK patchy chl alt
TL13327	73.7	99.0	25.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 5-10% ser 90-95% bio
TL13327	73.7	99.0	25.4	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13327	15	18	3	2.89	1.94	96.33	64.67	12	
TL13327	18	21	3	3.02	2.78	100.67	92.67	9	
TL13327	21	24	3	2.98	2.68	99.33	89.33	12	
TL13327	24	27	3	2.91	2.73	97	91	9	
TL13327	27	30	3	3.01	2.87	100.33	95.67	5	
TL13327	30	33	3	2.98	2.98	99.33	99.33	3	
TL13327	33	36	3	3	2.8	100	93.33	7	
TL13327	36	39	3	2.96	2.65	98.67	88.33	8	
TL13327	39	42	3	3.03	2.89	101	96.33	5	
TL13327	42	45	3	2.92	2.52	97.33	84	9	
TL13327	45	48	3	2.95	2.95	98.33	98.33	5	
TL13327	48	51	3	2.98	2.47	99.33	82.33	16	
TL13327	51	54	3	3	2.75	100	91.67	10	
TL13327	54	57	3	3.01	2.67	100.33	89	16	
TL13327	57	60	3	3	2.28	100	76	15	
TL13327	60	63	3	2.89	2.37	96.33	79	16	
TL13327	63	66	3	3	2.87	100	95.67	11	
TL13327	66	69	3	2.99	2.78	99.67	92.67	9	
TL13327	69	72	3	3	2.16	100	72	18	
TL13327	72	75	3	2.99	2.92	99.67	97.33	7	
TL13327	75	78	3	2.9	2.9	96.67	96.67	7	
TL13327	78	81	3	2.99	2.92	99.67	97.33	10	
TL13327	81	84	3	3.02	2.84	100.67	94.67	8	
TL13327	84	87	3	2.94	2.67	98	89	11	
TL13327	87	90	3	3.01	2.87	100.33	95.67	6	
TL13327	90	93	3	3.01	2.18	100.33	72.67	22	
TL13327	93	96	3	3	2.7	100	90	10	
TL13327	96	99	3	2.98	2.7	99.33	90	9	

Hole Number: TL13328

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -46.00
Project Number: TMI-TL	North: 5512064.14	North:	Collar Az: 0.00
Location: Zealand Township	East: 528214.56	East:	Length: 119.50
	Elev: 395.32	Elev:	Start Depth: 0.00
Date Started: Feb 21, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 21, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 119.50

Comments: Logged by Adam Larsen
Patent #0134 (34461 Betker Option)
Hole starts with the tail end of a MSS zone from 11.40-14m which has a gradual transition to the BMS.
Small MSS zone, possibly top part of C-zone or B-zone from 52.45-55.90m
Strong sr alt with patches of weak chl overprinting.
Increased py mineralization (5-6%) with trace to 1% sph stringers
MSS c-zone with strong sr and moderate si alteration from 60.80-83.85m
Mineralized throughout zone.
Common py blebs and stringers with sph stringers distributed throughout
Often mineralized associated with deformed qz veins, most notably from 64.60-64.80m where there is
8% py, 5% semi-massive gn, 3% sph stringers, trace cpy/asp blebs, as well as a few blebs of VG.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0	-45.00	EZ Sho	OK		24.00	0.50	-44.80	EZ Sho	OK	
54.00	1.00	-44.40	EZ Sho	OK		102.00	359.20	-43.30	EZ Sho	OK	
119.50	359.10	-42.60	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	11.40	OB, Overburden									
11.40	14.00	MSS, Muscovite Sericite Schist	1356204	11.40	12.90	1.50	0.01				
		MSS at top of hole, part of B-zone? strong sr alt Minor py	1356205	12.90	14.00	1.10	0.01				
14.00	52.45	BMS, Biotite Muscovite Schist	1356206	14.00	15.50	1.50	0.01				
		BMS zone with a gradual top contact to above MSS. Sharp contact for MSS below Poorly mineralized	1356207	48.00	49.50	1.50	0.06				
			1356208	49.50	51.00	1.50	0.01				
			1356209	51.00	52.45	1.45	0.02				
52.45	55.90	MSS, Muscovite Sericite Schist	1356211	52.45	53.45	1.00	0.19				
		Small MSS zone, possibly top part of C-zone or B-zone. Strong sr alt with patches of weak chl overprinting. Increased py mineralization (5-6%) with trace to 1% sph stringers	1356212	53.45	54.90	1.45	0.07				
			1356213	54.90	55.90	1.00	0.14				

Hole Number: TL13328

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
55.90	60.80	BMS, Biotite Muscovite Schist Small BMS between top part of C-zone or B-zone and larger C-zone below	1356214	55.90	57.30	1.40	0.26				
			1356215	57.30	58.80	1.50	0.87				
			1356216	57.30	58.80	1.50	0.03				
			1356217	58.80	59.80	1.00	0.02				
			1356218	59.80	60.80	1.00	0.03				
60.80	83.85	MSS, Muscovite Sericite Schist MSS c-zone with strong sr and moderate si alteration. Mineralized throughout zone. Common py blebs and stringers with sph stringers distributed throughout Often mineralized associated with deformed qz veins, most notably from 64.60-64.80m where there is 8% py, 5% semi-massive gn, 3% sph stringers, trace cpy/asp blebs, as well as a few blebs of VG.	1356219	60.80	62.30	1.50	0.18				
			1356221	62.30	63.50	1.20	0.12				
			1356222	63.50	64.50	1.00	0.42				
			1356223	64.50	65.50	1.00	19.37			17.21	
			1356224	65.50	66.50	1.00	0.26				
			1356225	66.50	67.50	1.00	0.36				
			1356226	67.50	69.00	1.50	0.06				
			1356227	69.00	70.00	1.00	0.08				
			1356228	70.00	71.00	1.00	0.13				
			1356229	71.00	72.00	1.00	0.45				
			1356231	72.00	73.00	1.00	0.54				
			1356232	73.00	74.00	1.00	0.11				
			1356233	74.00	75.00	1.00	0.16				
			1356234	75.00	76.00	1.00	0.24				
			1356235	76.00	77.00	1.00	0.35				
			1356236	76.00	77.00	1.00	0.33				
			1356237	77.00	78.00	1.00	0.13				
			1356238	78.00	79.00	1.00	0.08				
1356239	79.00	80.00	1.00	0.23							
1356241	80.00	81.00	1.00	0.43							
1356242	81.00	82.50	1.50	0.11							
1356243	82.50	83.85	1.35	0.31							
83.85	119.50	BMS, Biotite Muscovite Schist Moderately silicified, weakly sericitized BMS zone. Poorly mineralized with trace sph stringers	1356244	83.85	85.35	1.50	0.09				
			1356245	85.35	86.85	1.50	0.05				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356204	11.40	12.90	0.0070				
1356205	12.90	14.00	0.0120				
1356206	14.00	15.50	0.0050				
1356207	48.00	49.50	0.0630				
1356208	49.50	51.00	0.0110				
1356209	51.00	52.45	0.0160				
1356211	52.45	53.45	0.1910				
1356212	53.45	54.90	0.0710				

Hole Number: TL13328

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356213	54.90	55.90	0.1400				
1356214	55.90	57.30	0.2600				
1356215	57.30	58.80	0.8650				
1356217	58.80	59.80	0.0230				
1356218	59.80	60.80	0.0270				
1356219	60.80	62.30	0.1790				
1356221	62.30	63.50	0.1210				
1356222	63.50	64.50	0.4210				
1356223	64.50	65.50	19.3670			17.2130	
1356224	65.50	66.50	0.2570				
1356225	66.50	67.50	0.3550				
1356226	67.50	69.00	0.0640				
1356227	69.00	70.00	0.0800				
1356228	70.00	71.00	0.1250				
1356229	71.00	72.00	0.4530				
1356231	72.00	73.00	0.5350				
1356232	73.00	74.00	0.1060				
1356233	74.00	75.00	0.1620				
1356234	75.00	76.00	0.2390				
1356235	76.00	77.00	0.3520				
1356237	77.00	78.00	0.1300				
1356238	78.00	79.00	0.0750				
1356239	79.00	80.00	0.2270				
1356241	80.00	81.00	0.4270				
1356242	81.00	82.50	0.1090				
1356243	82.50	83.85	0.3140				
1356244	83.85	85.35	0.0910				
1356245	85.35	86.85	0.0460				
Sample Type	CDUP						
1356216	57.30	58.80	0.0290				
1356236	76.00	77.00	0.3260				

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13328	85.4	86.9	1356245	0.50	4.44	41.00	430.00	2.00	24.00	2.09	2.00	11.00	40.00	36.00	2.59	0.36	3.00	1.50	770.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13328	85.4	86.9	1356245	0.50	41.00	564.00	40.00	1.44	2.50	23.00	5.00	99.00	1744.00	24.00	42.00	5.00	8.00	87.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13328	11.4	14.0	2.6	PY	DISS	2	1-2% dis. py, local blebs
TL13328	14.0	52.5	38.5	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13328	52.5	55.9	3.5	PY	DISS	6	5-6% diss. py, abundant blebs and stringers
TL13328	52.5	55.9	3.5	SPH	ST	1	Trace to 1% sph stringers
TL13328	55.9	60.8	4.9	PY	DISS	2	1-2% diss. py, uncommon blebs and stringers
TL13328	60.8	83.9	23.1	PY	DISS	5	4-5% diss. py, common local blebs and stringers
TL13328	60.8	83.9	23.1	PB	BLB	1	Trace to 1% gn blebs, usually found with sph stringers or within deformed qz
TL13328	60.8	83.9	23.1	SPH	ST	2	1-2% sph stringers, often associated with py and deformed qz veins
TL13328	60.8	83.9	23.1	PO	BLB	0.1	Trace po blebs, often near qz veins or with py
TL13328	64.6	64.8	0.2	SPH	ST	3	Increased sulfides around and within deformed qz veins
TL13328	64.6	64.8	0.2	PY	BLB	8	Increased sulfides around and within deformed qz veins
TL13328	64.6	64.8	0.2	ASP	BLB	0.1	Increased sulfides around and within deformed qz veins
TL13328	64.6	64.8	0.2	CP	BLB	0.1	Increased sulfides around and within deformed qz veins
TL13328	64.6	64.8	0.2	PB	SMASS	5	Increased sulfides around and within deformed qz veins, semi-massive gn
TL13328	64.7	64.8	0.1	AU	BLB	0.1	*Picture* 2-3 Au blebs <1-2mm, few possible Au blebs
TL13328	83.9	119.5	35.7	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13328	83.9	119.5	35.7	PO	BLB	1	Trace to 1% po blebs, often near qz veins or with py
TL13328	99.0	119.5	20.5	SPH	ST	0.1	Trace sph stringers, usually in qz-chl-amph bands

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13328	11.4	14.0	2.6	FOL	Moderate	57	55-60 deg TCA
TL13328	14.0	30.0	16.0	FOL	Moderate	60	55-65 deg TCA
TL13328	14.0	52.5	38.5	FR	Weak	45	Fractur set 30-60 deg TCA, minor marginal alt, some infilled with qz or qz-carb
TL13328	23.7	23.8	0.1	Fold	Moderate	35	F2 fold, axial plane 35 deg TCA
TL13328	30.0	52.5	22.5	FOL	Moderate	60	
TL13328	52.5	55.9	3.5	FOL	Moderate	55	
TL13328	55.9	60.8	4.9	FR	Weak	20	Fracture set 10-30 deg TCA, minor marginal alt, some infilled with qz
TL13328	55.9	60.8	4.9	FOL	Moderate	60	
TL13328	60.8	83.9	23.1	FR	Weak	50	Fracture set 40-60 deg TCA
TL13328	60.8	83.9	23.1	FOL	Moderate	55	
TL13328	67.5	67.5	0.1	FTZ	Moderate	60	Small fault zone parallel to foliation, abundant fault gouge
TL13328	76.2	76.3	0.1	Fold	Strong	42	F2 fold, axial plane 42 deg TCA
TL13328	83.9	100.0	16.2	FOL	Moderate	65	
TL13328	83.9	119.5	35.6	FR	Weak	20	Fracture set 10-30 deg TCA, minor marginal alt.
TL13328	100.0	119.5	19.5	FOL	Moderate	62	60-65 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13328	11.4	14.0	2.6	SI	Pervasive	Weak	Weak silicification
TL13328	11.4	14.0	2.6	SR	Patchy	Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13328	14.0	35.0	21.0	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio
TL13328	14.0	52.5	38.5	SI	Pervasive	Weak	Weak to moderate silicification
TL13328	35.0	52.5	17.5	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13328	47.1	47.6	0.5	CH	Fract-Cont	Weak	Weak to moderate chl alteration around fractures
TL13328	52.5	55.9	3.5	SR	Patchy	Very Strong	Semi-pervasive sericite, 90% sr 10% bio
TL13328	52.5	55.9	3.5	CH	Patchy	Weak	Weak chl patches overprinting strong sr alt
TL13328	52.5	55.9	3.5	SI	Pervasive	Weak	Weak to moderate silicification
TL13328	55.9	60.8	4.9	SI	Pervasive	Weak	Weak silicification
TL13328	55.9	60.8	4.9	SR	Patchy	Weak	Semi-pervasive sericite, 15% sr 85% bio
TL13328	60.8	83.9	23.1	SI	Pervasive	Moderate	Moderate silicification
TL13328	60.8	83.9	23.1	SR	Patchy	Very Strong	Semi-pervasive sericite, 85% sr 15% bio
TL13328	70.5	78.0	7.5	CH	Patchy	Weak	Weak chl patches overprinting strong sr alt
TL13328	83.9	90.0	6.2	SR	Patchy	Weak	Semi-pervasive sericite, 25% sr 75% bio
TL13328	83.9	119.5	35.7	SI	Pervasive	Moderate	Moderate silicification
TL13328	90.0	109.5	19.5	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13328	109.5	119.5	10.0	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13328	12	15	3	2.96	2.69	98.67	89.67	10	
TL13328	15	18	3	2.94	2.62	98	87.33	10	
TL13328	18	21	3	3.04	2.8	101.33	93.33	8	
TL13328	21	24	3	2.99	2.99	99.67	99.67	5	
TL13328	24	27	3	2.97	2.97	99	99	3	
TL13328	27	30	3	2.89	2.22	96.33	74	15	
TL13328	30	33	3	3.03	2.82	101	94	9	
TL13328	33	36	3	2.95	2.91	98.33	97	7	
TL13328	36	39	3	2.99	2.83	99.67	94.33	7	
TL13328	39	42	3	2.96	2.82	98.67	94	7	
TL13328	42	45	3	2.98	2.74	99.33	91.33	8	
TL13328	45	48	3	2.94	2.29	98	76.33	14	
TL13328	48	51	3	2.95	2.76	98.33	92	10	
TL13328	51	54	3	2.96	2.94	98.67	98	11	
TL13328	54	57	3	2.91	2.66	97	88.67	9	
TL13328	57	60	3	2.98	2.85	99.33	95	8	
TL13328	60	63	3	2.88	2.58	96	86	10	
TL13328	63	66	3	2.9	1.5	96.67	50	32	
TL13328	66	69	3	3.03	2.23	101	74.33	24	
TL13328	69	72	3	2.88	2.14	96	71.33	12	
TL13328	72	75	3	3.01	2.85	100.33	95	8	
TL13328	75	78	3	3.02	3.02	100.67	100.67	6	
TL13328	78	81	3	3.02	2.68	100.67	89.33	8	
TL13328	81	84	3	2.99	2.95	99.67	98.33	6	
TL13328	84	87	3	2.96	2.74	98.67	91.33	12	
TL13328	87	90	3	2.98	2.93	99.33	97.67	7	
TL13328	90	93	3	2.97	2.88	99	96	6	
TL13328	93	96	3	2.96	2.91	98.67	97	7	
TL13328	96	99	3	2.96	2.89	98.67	96.33	11	
TL13328	99	102	3	3.01	2.12	100.33	70.67	12	
TL13328	102	105	3	3	2.87	100	95.67	5	
TL13328	105	108	3	3	2.74	100	91.33	8	
TL13328	108	111	3	2.97	2.97	99	99	5	
TL13328	111	114	3	2.93	2.84	97.67	94.67	8	
TL13328	114	117	3	2.96	2.74	98.67	91.33	8	
TL13328	117	120	3	2.64	2.5	88	83.33	7	

DETAILED LOG

Hole Number: TL13329

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
15.37	55.94	BMS, Biotite Muscovite Schist This BMS unit has moderate to weak patchy sericitic alteration and varying degrees of silicification ranging from strong to weak to very strong and patchy. This unit contains about 1% disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite in stringers, trace galena blebs, trace chalcopryrite blebs and trace pyrrhotite blebs. Best interval occurs between 44m-46m.	1377557	15.40	16.90	1.50	0.01				
			1377558	16.90	18.40	1.50	0.01				
			1377559	18.40	19.90	1.50	0.01				
			1377561	19.90	21.40	1.50	0.00				
			1377562	21.40	22.90	1.50	0.01				
			1377563	39.00	40.50	1.50	0.20				
			1377564	40.50	42.00	1.50	0.07				
			1377565	42.00	43.50	1.50	0.01				
			1377566	43.50	44.50	1.00	0.06				
			1377567	44.50	45.50	1.00	1.43				
			1377568	45.50	46.50	1.00	0.07				
			1377569	46.50	48.00	1.50	0.03				
			1377571	48.00	49.50	1.50	0.12				
			1377572	49.50	51.00	1.50	0.15				
			1377573	51.00	52.50	1.50	0.15				
			1377574	52.50	54.00	1.50	0.12				
			1377576	54.00	55.00	1.00	0.03				
			1377575	54.00	55.00	1.00	0.03				
			1377577	55.00	56.00	1.00	0.06				
55.94	72.28	MSS, Muscovite Sericite Schist MSS C-Zone from 55.94m-72.28m This C-Zone MSS unit has very strong patchy sericitic alteration, moderate patchy silicification andf weak patchy chloritic alteration. THis unit is well mineralized with 3% pyrite in stringers, 2% disseminated pyrite, 2% sphalerite in stringers, trace to 1% galena blebs, Trace to 1% chalcopryrite blebs, trace pyrrhotite blebs. 2 possible slivers of VG found at 67.29m depth found in fractured heavily altered patch with abundant galena and chalcopryrite.	1377578	56.00	57.00	1.00	0.14				
			1377579	57.00	58.00	1.00	0.95				
			1377581	58.00	59.00	1.00	0.19				
			1377582	59.00	60.00	1.00	0.97				
			1377583	60.00	61.00	1.00	0.09				
			1377584	61.00	62.00	1.00	0.07				
			1377585	62.00	63.00	1.00	0.66				
			1377586	63.00	64.00	1.00	0.58				
			1377587	64.00	65.00	1.00	0.19				
			1377588	65.00	66.00	1.00	0.08				
			1377589	66.00	67.10	1.10	0.11				
			1377591	67.10	68.10	1.00	0.33				
			1377592	68.10	69.10	1.00	0.27				
			1377593	69.10	70.10	1.00	1.15				
			1377594	70.10	71.10	1.00	0.26				
			1377595	71.10	72.30	1.20	0.29				
			1377596	71.10	72.30	1.20	0.27				
72.28	134.38	BMS, Biotite Muscovite Schist This BMS unit has weak to strong to very strong patchy silicification and very weak patchy sericitic alteration. THis unit is poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace pyrrhotite in stringers, trace chalcopryrite blebs, trace sphalerite stringers and trace galena blebs.	1377597	72.30	73.30	1.00	0.16				
			1377598	73.30	74.80	1.50	0.18				
			1377599	114.00	115.50	1.50	0.06				
			1377601	115.50	117.00	1.50	0.04				
			1377602	117.00	118.50	1.50	0.04				
			1377603	118.50	120.00	1.50	0.01				
			1377604	120.00	121.50	1.50	0.01				

Hole Number: TL13329

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377557	15.40	16.90	0.0050				
1377558	16.90	18.40	0.0060				
1377559	18.40	19.90	0.0050				
1377561	19.90	21.40	0.0040				
1377562	21.40	22.90	0.0100				
1377563	39.00	40.50	0.1990				
1377564	40.50	42.00	0.0660				
1377565	42.00	43.50	0.0110				
1377566	43.50	44.50	0.0640				
1377567	44.50	45.50	1.4300				
1377568	45.50	46.50	0.0740				
1377569	46.50	48.00	0.0270				
1377571	48.00	49.50	0.1210				
1377572	49.50	51.00	0.1530				
1377573	51.00	52.50	0.1540				
1377574	52.50	54.00	0.1180				
1377575	54.00	55.00	0.0330				
1377577	55.00	56.00	0.0630				
1377578	56.00	57.00	0.1390				
1377579	57.00	58.00	0.9510				
1377581	58.00	59.00	0.1900				
1377582	59.00	60.00	0.9670				
1377583	60.00	61.00	0.0930				
1377584	61.00	62.00	0.0690				
1377585	62.00	63.00	0.6560				
1377586	63.00	64.00	0.5840				
1377587	64.00	65.00	0.1890				
1377588	65.00	66.00	0.0760				
1377589	66.00	67.10	0.1130				
1377591	67.10	68.10	0.3320				
1377592	68.10	69.10	0.2740				
1377593	69.10	70.10	1.1460				
1377594	70.10	71.10	0.2580				
1377595	71.10	72.30	0.2860				
1377597	72.30	73.30	0.1630				
1377598	73.30	74.80	0.1780				
1377599	114.00	115.50	0.0550				
1377601	115.50	117.00	0.0430				
1377602	117.00	118.50	0.0370				

Hole Number: TL13329

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377603	118.50	120.00	0.0060				
1377604	120.00	121.50	0.0070				
Sample Type	CDUP						
1377576	54.00	55.00	0.0330				
1377596	71.10	72.30	0.2660				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13329	15.4	16.9	1377557	0.50	5.15	35.00	352.00	1.00	7.00	1.40	2.00	7.00	12.00	6.00	1.91	0.37	11.00	1.02	401.00
TL13329	16.9	18.4	1377558	0.50	1.40	30.00	271.00	1.00	2.00	0.89	2.00	5.00	13.00	10.00	1.56	0.33	2.00	0.64	388.00
TL13329	18.4	19.9	1377559	0.50	2.60	30.00	346.00	1.00	3.00	0.34	2.00	6.00	8.00	7.00	1.46	0.31	7.00	0.66	338.00
TL13329	19.9	21.4	1377561	0.50	2.84	20.00	358.00	1.00	15.00	0.85	2.00	9.00	15.00	16.00	2.04	0.42	8.00	0.93	452.00
TL13329	21.4	22.9	1377562	0.50	1.28	31.00	261.00	1.00	5.00	0.51	2.00	10.00	30.00	6.00	2.20	0.44	8.00	0.90	469.00
TL13329	39.0	40.5	1377563	0.50	1.77	70.00	314.00	1.00	0.50	0.21	2.00	12.00	40.00	36.00	2.52	0.14	0.50	0.67	398.00
TL13329	40.5	42.0	1377564	1.00	4.51	42.00	376.00	1.00	10.00	1.42	2.00	14.00	69.00	38.00	2.60	0.32	6.00	1.03	587.00
TL13329	42.0	43.5	1377565	0.50	1.65	34.00	314.00	1.00	0.50	0.32	2.00	8.00	14.00	12.00	1.58	0.15	0.50	0.72	294.00
TL13329	43.5	44.5	1377566	2.00	3.00	44.00	322.00	1.00	0.50	1.03	2.00	7.00	15.00	17.00	1.78	0.42	2.00	0.97	356.00
TL13329	44.5	45.5	1377567	35.00	1.34	47.00	274.00	1.00	0.50	0.37	2.00	6.00	20.00	46.00	1.51	0.47	0.50	0.61	219.00
TL13329	45.5	46.5	1377568	1.00	2.69	29.00	332.00	1.00	0.50	1.49	2.00	8.00	40.00	18.00	2.30	0.39	2.00	1.16	656.00
TL13329	46.5	48.0	1377569	0.50	5.61	29.00	439.00	2.00	0.50	1.74	2.00	7.00	25.00	8.00	1.92	0.38	9.00	1.15	562.00
TL13329	48.0	49.5	1377571	1.00	4.19	41.00	432.00	1.00	15.00	0.72	2.00	8.00	37.00	64.00	1.80	0.49	3.00	0.71	324.00
TL13329	49.5	51.0	1377572	1.00	4.32	52.00	409.00	1.00	0.50	1.25	2.00	8.00	44.00	17.00	2.04	0.37	4.00	0.98	458.00
TL13329	51.0	52.5	1377573	0.50	4.38	81.00	339.00	1.00	6.00	0.56	2.00	12.00	84.00	28.00	2.31	0.43	3.00	0.75	309.00
TL13329	52.5	54.0	1377574	0.50	4.70	71.00	251.00	2.00	4.00	0.62	2.00	9.00	43.00	23.00	1.85	0.46	4.00	0.76	248.00
TL13329	54.0	55.0	1377575	0.50	5.68	44.00	268.00	1.00	31.00	1.86	2.00	8.00	53.00	12.00	2.05	0.44	7.00	1.35	581.00
TL13329	54.0	55.0	1377576	0.50	6.35	47.00	298.00	1.00	16.00	1.93	2.00	9.00	47.00	10.00	2.09	0.49	9.00	1.37	586.00
TL13329	55.0	56.0	1377577	0.50	8.02	65.00	292.00	1.00	0.50	1.97	2.00	11.00	48.00	20.00	2.70	0.84	15.00	1.64	612.00
TL13329	56.0	57.0	1377578	0.50	6.38	98.00	257.00	1.00	4.00	0.09	2.00	20.00	146.00	26.00	2.93	0.72	6.00	0.76	183.00
TL13329	57.0	58.0	1377579	2.00	7.22	100.00	310.00	1.00	11.00	0.04	2.00	12.00	100.00	61.00	2.92	0.62	8.00	0.56	110.00
TL13329	58.0	59.0	1377581	0.50	9.09	79.00	410.00	2.00	8.00	0.26	2.00	6.00	52.00	10.00	1.45	0.57	14.00	0.58	50.00
TL13329	59.0	60.0	1377582	7.00	8.60	131.00	403.00	2.00	7.00	0.25	2.00	6.00	50.00	82.00	1.68	0.30	15.00	0.55	50.00
TL13329	60.0	61.0	1377583	2.00	8.66	71.00	485.00	2.00	8.00	0.74	2.00	5.00	55.00	19.00	1.84	0.42	17.00	0.84	301.00
TL13329	61.0	62.0	1377584	0.50	6.49	71.00	402.00	1.00	24.00	0.53	2.00	9.00	52.00	31.00	1.67	0.21	17.00	0.70	221.00
TL13329	62.0	63.0	1377585	4.00	1.10	375.00	167.00	1.00	3.00	0.01	17.00	8.00	55.00	517.00	2.64	0.46	0.50	0.25	50.00
TL13329	63.0	64.0	1377586	4.00	0.98	134.00	159.00	1.00	0.50	0.01	6.00	4.00	37.00	107.00	1.49	0.68	0.50	0.22	50.00
TL13329	64.0	65.0	1377587	2.00	1.86	54.00	275.00	1.00	3.00	0.19	2.00	9.00	63.00	26.00	1.81	0.87	0.50	0.78	317.00
TL13329	65.0	66.0	1377588	0.50	2.41	57.00	262.00	2.00	21.00	0.77	2.00	16.00	108.00	33.00	3.07	0.82	0.50	1.23	569.00
TL13329	66.0	67.1	1377589	1.00	4.77	75.00	327.00	1.00	11.00	0.87	2.00	15.00	110.00	35.00	2.49	0.69	8.00	1.15	560.00
TL13329	67.1	68.1	1377591	7.00	4.85	55.00	305.00	1.00	1.00	0.96	2.00	6.00	27.00	184.00	1.38	0.51	7.00	0.90	321.00
TL13329	68.1	69.1	1377592	3.00	4.95	99.00	349.00	1.00	9.00	0.37	4.00	10.00	58.00	30.00	2.53	0.37	6.00	0.82	321.00
TL13329	69.1	70.1	1377593	1.00	4.59	123.00	248.00	1.00	0.50	0.25	2.00	16.00	113.00	49.00	3.34	0.37	4.00	0.75	267.00
TL13329	70.1	71.1	1377594	0.50	5.32	97.00	250.00	1.00	11.00	0.57	2.00	14.00	109.00	36.00	2.58	0.33	6.00	0.86	324.00
TL13329	71.1	72.3	1377596	0.50	4.21	102.00	292.00	1.00	7.00	0.27	2.00	16.00	123.00	31.00	2.55	0.37	6.00	0.87	288.00
TL13329	71.1	72.3	1377595	0.50	6.63	98.00	325.00	2.00	0.50	0.52	2.00	15.00	138.00	31.00	2.67	0.41	14.00	1.01	319.00
TL13329	72.3	73.3	1377597	1.00	1.97	71.00	107.00	1.00	21.00	0.58	2.00	14.00	112.00	86.00	2.94	0.48	0.50	1.13	410.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13329	15.4	16.9	1377557	0.50	23.00	482.00	11.00	1.32	2.50	36.00	5.00	201.00	1608.00	16.00	31.00	5.00	6.00	40.00
TL13329	16.9	18.4	1377558	0.50	21.00	459.00	10.00	1.17	2.50	31.00	5.00	133.00	1174.00	7.00	27.00	5.00	5.00	22.00
TL13329	18.4	19.9	1377559	0.50	19.00	503.00	12.00	1.03	2.50	30.00	5.00	109.00	1394.00	32.00	29.00	5.00	5.00	26.00
TL13329	19.9	21.4	1377561	0.50	25.00	491.00	15.00	1.50	2.50	25.00	5.00	185.00	1583.00	20.00	34.00	5.00	6.00	34.00
TL13329	21.4	22.9	1377562	0.50	32.00	544.00	7.00	1.57	2.50	29.00	5.00	106.00	1624.00	10.00	43.00	5.00	6.00	48.00
TL13329	39.0	40.5	1377563	0.50	48.00	449.00	55.00	2.33	2.50	21.00	5.00	63.00	1480.00	17.00	42.00	5.00	6.00	237.00
TL13329	40.5	42.0	1377564	0.50	58.00	478.00	103.00	1.60	2.50	27.00	5.00	118.00	2052.00	12.00	57.00	5.00	10.00	340.00
TL13329	42.0	43.5	1377565	0.50	23.00	424.00	19.00	0.81	2.50	25.00	5.00	61.00	1625.00	9.00	30.00	5.00	4.00	47.00
TL13329	43.5	44.5	1377566	0.50	27.00	436.00	36.00	1.06	2.50	18.00	5.00	97.00	1552.00	5.00	30.00	5.00	5.00	112.00
TL13329	44.5	45.5	1377567	0.50	39.00	462.00	428.00	1.28	5.00	28.00	5.00	62.00	1180.00	22.00	24.00	10.00	5.00	355.00
TL13329	45.5	46.5	1377568	0.50	52.00	549.00	42.00	0.94	2.50	36.00	5.00	158.00	1538.00	8.00	37.00	5.00	6.00	94.00
TL13329	46.5	48.0	1377569	0.50	51.00	505.00	37.00	0.70	2.50	35.00	5.00	159.00	1697.00	18.00	30.00	5.00	7.00	55.00
TL13329	48.0	49.5	1377571	4.00	62.00	490.00	43.00	1.11	2.50	33.00	5.00	100.00	1647.00	8.00	32.00	5.00	6.00	116.00
TL13329	49.5	51.0	1377572	2.00	68.00	457.00	73.00	1.36	2.50	24.00	5.00	100.00	1637.00	14.00	34.00	5.00	7.00	208.00
TL13329	51.0	52.5	1377573	3.00	83.00	437.00	46.00	2.28	2.50	28.00	5.00	73.00	1610.00	1.00	52.00	11.00	10.00	134.00
TL13329	52.5	54.0	1377574	3.00	55.00	421.00	28.00	1.46	2.50	30.00	5.00	74.00	1628.00	18.00	37.00	5.00	7.00	50.00
TL13329	54.0	55.0	1377575	3.00	74.00	496.00	29.00	0.96	2.50	31.00	5.00	101.00	1768.00	17.00	36.00	5.00	6.00	34.00
TL13329	54.0	55.0	1377576	4.00	82.00	501.00	30.00	0.91	2.50	25.00	5.00	106.00	1838.00	28.00	37.00	5.00	7.00	34.00
TL13329	55.0	56.0	1377577	0.50	66.00	466.00	51.00	1.74	2.50	37.00	5.00	114.00	1771.00	27.00	47.00	5.00	9.00	44.00
TL13329	56.0	57.0	1377578	5.00	123.00	466.00	59.00	2.51	2.50	28.00	5.00	61.00	1515.00	19.00	83.00	5.00	10.00	43.00
TL13329	57.0	58.0	1377579	7.00	96.00	496.00	256.00	2.96	2.50	32.00	5.00	66.00	1359.00	12.00	57.00	17.00	8.00	881.00
TL13329	58.0	59.0	1377581	5.00	72.00	396.00	61.00	1.26	2.50	37.00	5.00	87.00	1400.00	4.00	39.00	14.00	8.00	181.00
TL13329	59.0	60.0	1377582	7.00	81.00	375.00	418.00	1.62	56.00	45.00	5.00	86.00	1307.00	19.00	36.00	13.00	7.00	479.00
TL13329	60.0	61.0	1377583	8.00	104.00	417.00	153.00	1.55	11.00	32.00	5.00	92.00	1464.00	22.00	40.00	11.00	7.00	135.00
TL13329	61.0	62.0	1377584	3.00	77.00	362.00	52.00	1.50	2.50	29.00	5.00	85.00	1444.00	22.00	48.00	5.00	6.00	180.00
TL13329	62.0	63.0	1377585	7.00	62.00	317.00	448.00	2.99	18.00	28.00	29.00	25.00	740.00	15.00	30.00	64.00	6.00	3742.00
TL13329	63.0	64.0	1377586	0.50	49.00	238.00	367.00	1.49	24.00	21.00	5.00	24.00	634.00	10.00	16.00	19.00	5.00	1723.00
TL13329	64.0	65.0	1377587	3.00	71.00	453.00	211.00	1.30	2.50	28.00	5.00	40.00	1157.00	14.00	36.00	11.00	8.00	388.00
TL13329	65.0	66.0	1377588	8.00	103.00	452.00	35.00	1.70	2.50	21.00	5.00	56.00	1754.00	5.00	54.00	5.00	10.00	78.00
TL13329	66.0	67.1	1377589	4.00	94.00	472.00	48.00	1.67	2.50	24.00	5.00	64.00	2172.00	8.00	62.00	5.00	11.00	130.00
TL13329	67.1	68.1	1377591	1.00	44.00	394.00	1177.00	0.80	2.50	30.00	5.00	58.00	1625.00	21.00	31.00	5.00	6.00	199.00
TL13329	68.1	69.1	1377592	2.00	66.00	411.00	456.00	2.38	2.50	32.00	5.00	56.00	1769.00	25.00	49.00	21.00	7.00	1201.00
TL13329	69.1	70.1	1377593	4.00	100.00	392.00	82.00	3.29	2.50	25.00	5.00	62.00	1602.00	24.00	69.00	10.00	10.00	136.00
TL13329	70.1	71.1	1377594	1.00	80.00	360.00	70.00	2.25	2.50	33.00	5.00	71.00	1534.00	28.00	60.00	5.00	11.00	135.00
TL13329	71.1	72.3	1377596	5.00	108.00	380.00	33.00	1.93	2.50	27.00	5.00	46.00	1869.00	13.00	68.00	5.00	13.00	49.00
TL13329	71.1	72.3	1377595	8.00	121.00	391.00	36.00	1.95	2.50	18.00	10.00	65.00	2058.00	39.00	74.00	5.00	14.00	42.00
TL13329	72.3	73.3	1377597	6.00	109.00	283.00	297.00	2.02	2.50	27.00	5.00	50.00	1235.00	20.00	47.00	16.00	10.00	812.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13329	73.3	74.8	1377598	0.50	4.01	61.00	190.00	1.00	9.00	0.60	2.00	18.00	130.00	49.00	3.69	0.59	5.00	1.71	558.00
TL13329	114.0	115.5	1377599	0.50	2.80	44.00	274.00	1.00	4.00	1.51	2.00	8.00	16.00	23.00	1.90	0.67	3.00	1.07	488.00
TL13329	115.5	117.0	1377601	0.50	3.54	35.00	382.00	1.00	0.50	1.71	2.00	5.00	15.00	17.00	1.63	0.38	6.00	1.17	480.00
TL13329	117.0	118.5	1377602	3.00	2.72	23.00	214.00	2.00	31.00	2.54	6.00	6.00	15.00	311.00	3.02	0.37	0.50	1.58	709.00
TL13329	118.5	120.0	1377603	0.50	1.27	31.00	112.00	1.00	4.00	1.36	2.00	4.00	29.00	42.00	1.19	0.26	0.50	1.08	579.00
TL13329	120.0	121.5	1377604	0.50	2.76	20.00	190.00	1.00	0.50	0.85	2.00	5.00	33.00	18.00	1.22	0.15	2.00	0.82	319.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13329	73.3	74.8	1377598	2.00	97.00	424.00	77.00	2.01	2.50	24.00	5.00	71.00	2034.00	11.00	68.00	5.00	11.00	144.00
TL13329	114.0	115.5	1377599	0.50	21.00	446.00	40.00	0.80	2.50	30.00	5.00	83.00	1620.00	19.00	32.00	5.00	5.00	90.00
TL13329	115.5	117.0	1377601	0.50	20.00	433.00	43.00	0.60	2.50	27.00	5.00	88.00	1533.00	16.00	31.00	21.00	5.00	166.00
TL13329	117.0	118.5	1377602	0.50	22.00	358.00	436.00	1.70	2.50	26.00	5.00	117.00	1385.00	12.00	29.00	28.00	6.00	2262.00
TL13329	118.5	120.0	1377603	0.50	25.00	247.00	41.00	0.32	2.50	24.00	5.00	84.00	935.00	13.00	21.00	22.00	4.00	414.00
TL13329	120.0	121.5	1377604	0.50	35.00	336.00	16.00	0.28	2.50	24.00	5.00	90.00	1208.00	18.00	24.00	5.00	5.00	44.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13329	15.4	55.9	40.6	PY	DISS	1	1% disseminated py throughout
TL13329	15.4	55.9	40.6	PY	ST	0.1	Trace to 1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13329	15.4	55.9	40.6	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13329	15.4	55.9	40.6	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-chl veins
TL13329	44.0	46.0	2.0	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13329	44.0	46.0	2.0	PB	BLB	0.1	Trace gal blebs found in qtz veins associated w/ sph and cpy
TL13329	55.9	72.3	16.3	CP	BLB	0.1	Trace to 1% cpy blebs found in and along margins of qtz veins and w/ gal blebs
TL13329	55.9	72.3	16.3	PY	DISS	2	2% disseminated py throughout the interval
TL13329	55.9	72.3	16.3	PY	ST	3	3% py in 1-50mm wide stringers/stockwork oriented semi-parallel to foliation
TL13329	55.9	72.3	16.3	SPH	ST	2	2% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13329	55.9	72.3	16.3	PB	BLB	0.1	Trace to 1% gal blebs associated w/ sph and w/ a concentrated patch of blebs between 67.2m-67.4m
TL13329	55.9	72.3	16.3	PO	BLB	0.1	Trace po blebs found within and along margins of qtz veins
TL13329	67.2	67.4	0.2	AU	BLB	0.1	Possible sliver of VG at 67.29m depth found w/ cpy and gal in fractured altered region
TL13329	72.3	134.4	62.1	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13329	72.3	134.4	62.1	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL13329	72.3	134.4	62.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-chl veins and w/ gal
TL13329	72.3	134.4	62.1	PY	DISS	0.1	Trace disseminated py
TL13329	72.3	134.4	62.1	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13329	102.0	117.9	15.9	PB	BLB	0.1	Trace po blebs found in qtz-chl veins w/ sph and in highly silicified, sericitized patches w/ sph, py and cpy

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13329	15.4	50.2	34.8	FOL	Very Strong	55	V. strong foliation at 55 deg TCA
TL13329	15.4	55.9	40.6	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13329	50.2	55.9	5.7	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13329	55.9	60.9	5.0	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13329	55.9	72.3	16.3	FR	Weak	40	Weak fracture set cross cutting foliation at 40 deg TCA
TL13329	60.9	72.3	11.3	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13329	72.3	87.0	14.7	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13329	72.3	134.3	62.0	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13329	87.0	134.4	47.4	FOL	Strong	60	Strong foliation at 60 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13329	15.4	21.6	6.2	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13329	15.4	38.8	23.4	SI	Patchy	Strong	Moderate to strong patchy sil alt
TL13329	21.6	50.7	29.2	SR	Patchy	Weak	Weak patchy ser alt, 20% ser to 80% bio
TL13329	38.8	50.3	11.5	SI	Patchy	Weak	Weak patchy sil alt
TL13329	50.7	55.9	5.2	SR	Patchy	Moderate	Moderate patchy ser alt, 40-45% ser to 55-60% bio
TL13329	50.7	55.9	5.2	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13329	55.9	64.8	8.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13329	55.9	69.0	13.1	CH	Patchy	Weak	Weak to very weak patchy chl alt throughout the interval
TL13329	55.9	72.3	16.3	SI	Patchy	Moderate	Moderate patchy sil alt
TL13329	64.8	66.7	1.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13329	66.7	72.3	5.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13329	72.3	76.2	3.9	SI	Patchy	Weak	Weak patchy sil alt
TL13329	72.3	134.4	62.1	SR	Patchy	Very Weak	V. weak patchy se alt, 10-15% ser to 85-90% bio
TL13329	76.2	84.0	7.8	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13329	84.0	100.6	16.6	SI	Patchy	Weak	Weak patchy sil alt
TL13329	100.6	134.4	33.8	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13329	18	21	3	3.01	2.84	100.33	94.67	8	
TL13329	21	24	3	2.88	2.73	96	91	9	
TL13329	24	27	3	2.92	2.57	97.33	85.67	12	
TL13329	27	30	3	2.97	2.68	99	89.33	6	
TL13329	30	33	3	3.01	2.9	100.33	96.67	6	
TL13329	33	36	3	3.01	2.76	100.33	92	11	
TL13329	36	39	3	2.93	2.55	97.67	85	12	
TL13329	39	42	3	3	2.69	100	89.67	10	
TL13329	42	45	3	3	2.8	100	93.33	10	
TL13329	45	48	3	2.92	2.87	97.33	95.67	4	
TL13329	48	51	3	2.96	2.65	98.67	88.33	9	
TL13329	51	54	3	2.98	2.68	99.33	89.33	14	
TL13329	54	57	3	2.89	2.47	96.33	82.33	12	
TL13329	57	60	3	2.9	0.97	96.67	32.33	39	
TL13329	60	63	3	3.02	2.29	100.67	76.33	20	
TL13329	63	66	3	3	2.04	100	68	13	
TL13329	66	69	3	2.97	2.03	99	67.67	22	
TL13329	69	72	3	3.07	2.16	102.33	72	20	
TL13329	72	75	3	3	2.06	100	68.67	20	
TL13329	75	78	3	2.97	2.87	99	95.67	5	
TL13329	78	81	3	2.96	2.87	98.67	95.67	9	
TL13329	81	84	3	3.03	2.94	101	98	6	
TL13329	84	87	3	2.94	2.86	98	95.33	9	
TL13329	87	90	3	3.01	2.36	100.33	78.67	15	
TL13329	90	93	3	3.02	2.41	100.67	80.33	13	
TL13329	93	96	3	2.97	2.72	99	90.67	10	
TL13329	96	99	3	2.99	2.75	99.67	91.67	8	
TL13329	99	102	3	2.98	2.78	99.33	92.67	7	
TL13329	102	105	3	2.97	2.88	99	96	8	
TL13329	105	108	3	2.95	2.59	98.33	86.33	9	
TL13329	108	111	3	2.97	2.85	99	95	9	
TL13329	111	114	3	2.97	2.83	99	94.33	9	
TL13329	114	117	3	3.02	2.61	100.67	87	16	
TL13329	117	120	3	3.02	2.06	100.67	68.67	18	
TL13329	120	123	3	3.02	1.56	100.67	52	24	
TL13329	123	126	3	3	2.48	100	82.67	11	
TL13329	126	129	3	2.9	2.25	96.67	75	18	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13329	129	132	3	2.78	2.32	92.67	77.33	12	
TL13329	132	135	3	3.02	2.52	100.67	84	12	

DETAILED LOG

Hole Number: TL13330

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -46.00
Project Number: TMI-TL	North: 5511998.80	North:	Collar Az: 0.00
Location: Zealand Township	East: 528170.15	East:	Length: 177.00
	Elev: 395.24	Elev:	Start Depth: 0.00
Date Started: Feb 22, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 23, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 177.00

Comments: Logged by Adam Larsen
Patent #0134 (15395 Fraser Option)
Strong sr/si altered MSS Main zone from 32.70-60.65m
patches of increased py mineralization and small intervals of condensed py/sph/gn/cpy mineralization
Best intervals from 32.70-33.3m and 54-59m
MSS C-zone 107.20-132.75m with patches of very strong sericite and moderate to strong silicification.
Increased py throughout, with several intervals of common, condensed stringers.
107.20-109.20m - 5% py, 2% sph, and trace gn
114-122m - 5% py, 2% sph, 1% gn and trace cpy

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	358.00	-48.00	EZ Sho	OK		36.00	358.10	-47.90	EZ Sho	OK	
51.00	357.70	-45.10	EZ Sho	OK		102.00	356.80	-42.50	EZ Sho	OK	
150.00	356.10	-40.70	EZ Sho	OK		177.00	351.40	-38.40	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1
0.00	24.30	OB, Overburden									
24.30	32.70	BMS, Biotite Muscovite Schist Moderately sericitized and silicified BMS zone. Gradual contact with MSS zone below	1356246	24.30	25.50	1.20	0.02				
			1356247	25.50	27.00	1.50	0.01				
			1356248	27.00	28.50	1.50	0.05				
			1356249	28.50	30.00	1.50	1.31				
			1356251	30.00	31.50	1.50	0.03				
			1356252	31.50	32.70	1.20	0.05				

DETAILED LOG

Hole Number: TL13330

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
32.70	60.65	MSS, Muscovite Sericite Schist Strong sr/si altered MSS Main zone patches of increased py mineralization and small intervals of condensed py/sph/gn/cpy mineralization Best intervals from 32.70-33.3m and 54-59m	1356253	32.70	33.70	1.00	1.53				
			1356254	33.70	35.00	1.30	0.16				
			1356256	35.00	36.00	1.00	0.04				
			1356255	35.00	36.00	1.00	0.15				
			1356257	36.00	37.50	1.50	0.58				
			1356258	37.50	39.00	1.50	0.22				
			1356259	39.00	40.50	1.50	0.17				
			1356261	40.50	42.00	1.50	0.06				
			1356262	42.00	43.50	1.50	0.01				
			1356263	43.50	45.00	1.50	0.02				
			1356264	45.00	46.50	1.50	0.03				
			1356265	46.50	48.00	1.50	0.11				
			1356266	48.00	49.50	1.50	0.01				
			1356267	49.50	51.00	1.50	0.01				
			1356268	51.00	52.50	1.50	0.01				
			1356269	52.50	54.00	1.50	0.02				
			1356271	54.00	55.50	1.50	0.04				
			1356272	55.50	57.00	1.50	0.05				
			1356273	57.00	58.00	1.00	0.63				
			1356274	58.00	59.00	1.00	0.36				
			1356275	59.00	60.00	1.00	0.01				
			1356276	59.00	60.00	1.00	0.01				
			1356277	60.00	61.00	1.00	0.08				
60.65	75.96	BMS, Biotite Muscovite Schist Moderately sr/si altered BMS zone Poorly mineralized	1356278	61.00	62.00	1.00	0.00				
			1356279	62.00	63.00	1.00	0.00				
			1356281	63.00	64.50	1.50	0.05				
			1356282	64.50	66.00	1.50	0.01				
			1356283	66.00	67.50	1.50	0.01				
			1356284	67.50	69.00	1.50	0.01				
			1356285	69.00	70.50	1.50	0.01				
			1356286	70.50	72.00	1.50	0.01				
			1356287	72.00	73.50	1.50	0.01				
			1356288	73.50	75.00	1.50	0.01				
			1356289	75.00	76.00	1.00	0.01				
75.96	80.60	MSS, Muscovite Sericite Schist Small MSS zone with moderate to strong sr/si alteration. Poorly mineralized	1356291	76.00	77.00	1.00	0.01				
			1356292	77.00	78.00	1.00	0.01				
			1356293	78.00	79.10	1.10	0.01				
			1356294	79.10	80.60	1.50	0.01				

Hole Number: TL13330

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1	
80.60	107.20	BMS, Biotite Muscovite Schist BMS where the top portion up to ~102m is weakly altered, but nearing the bottom contact there is more common patches of strong sr. Poorly mineralized with trace sph stringers from 102-107.20m	1356295	80.60	82.10	1.50	0.01					
			1356296	80.60	82.10	1.50	0.01					
			1356297	99.00	100.50	1.50	0.04					
			1356298	100.50	102.00	1.50	0.02					
			1356299	102.00	103.00	1.00	0.04					
			1356301	103.00	104.20	1.20	0.27					
			1356302	104.20	105.70	1.50	0.06					
			1356303	105.70	107.20	1.50	0.07					
107.20	132.75	MSS, Muscovite Sericite Schist MSS C-zone with patches of very strong sericite and moderate to strong silicification. Increased py throughout, with several intervals of common, condensed stringers. 107.20-109.20m - 5% py, 2% sph, and trace gn 114-122m - 5% py, 2% sph, 1% gn and trace cpy	1356304	107.20	108.20	1.00	3.02					
			1356305	108.20	109.20	1.00	0.35					
			1356306	109.20	110.50	1.30	0.09					
			1356307	110.50	111.50	1.00	0.04					
			1356308	111.50	113.00	1.50	0.02					
			1356309	113.00	114.50	1.50	0.15					
			1356311	114.50	115.50	1.00	0.47					
			1356312	115.50	116.50	1.00	0.46					
			1356313	116.50	117.50	1.00	0.18					
			1356314	117.50	118.50	1.00	0.39					
			1356316	118.50	119.50	1.00	0.08					
			1356315	118.50	119.50	1.00	0.10					
			1356317	119.50	120.50	1.00	0.30					
			1356318	120.50	121.50	1.00	0.20					
			1356319	121.50	122.50	1.00	0.12					
			1356321	122.50	123.50	1.00	0.13					
			1356322	123.50	124.50	1.00	7.14			2.90		
			1356323	124.50	125.50	1.00	1.05					
			1356324	125.50	126.50	1.00	0.41					
			1356325	126.50	127.50	1.00	0.12					
			1356326	127.50	128.50	1.00	0.47					
			1356327	128.50	129.50	1.00	0.19					
			1356328	129.50	130.50	1.00	0.13					
			1356329	130.50	131.50	1.00	0.15					
			1356331	131.50	132.75	1.25	0.10					

Hole Number: TL13330

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
132.75	177.00	BMS, Biotite Muscovite Schist Dark, weakly sericitized BMS with elevated diss. py with common blebs and stringers. Common qz-chl-amph bands/veins, one large one near the end of hole. Trace sph/gn in occasional stringers and within some qz-chl-amph bands	1356332	132.75	134.25	1.50	0.03				
			1356333	165.00	166.50	1.50	0.04				
			1356334	166.50	167.50	1.00	0.09				
			1356335	167.50	168.50	1.00	0.13				
			1356336	167.50	168.50	1.00	0.10				
			1356337	168.50	169.50	1.00	0.35				
			1356338	169.50	171.00	1.50	0.05				
			1356339	171.00	172.50	1.50	0.03				
			1356341	172.50	174.00	1.50	0.09				
			1356342	174.00	175.50	1.50	0.02				
		1356343	175.50	177.00	1.50	0.02					

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356246	24.30	25.50	0.0150				
1356247	25.50	27.00	0.0100				
1356248	27.00	28.50	0.0510				
1356249	28.50	30.00	1.3080				
1356251	30.00	31.50	0.0250				
1356252	31.50	32.70	0.0470				
1356253	32.70	33.70	1.5330				
1356254	33.70	35.00	0.1580				
1356255	35.00	36.00	0.1510				
1356257	36.00	37.50	0.5820				
1356258	37.50	39.00	0.2180				
1356259	39.00	40.50	0.1730				
1356261	40.50	42.00	0.0560				
1356262	42.00	43.50	0.0130				
1356263	43.50	45.00	0.0200				
1356264	45.00	46.50	0.0320				
1356265	46.50	48.00	0.1120				
1356266	48.00	49.50	0.0120				
1356267	49.50	51.00	0.0130				
1356268	51.00	52.50	0.0130				
1356269	52.50	54.00	0.0180				
1356271	54.00	55.50	0.0430				
1356272	55.50	57.00	0.0520				
1356273	57.00	58.00	0.6310				
1356274	58.00	59.00	0.3620				
1356275	59.00	60.00	0.0070				

Hole Number: TL13330

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356277	60.00	61.00	0.0780				
1356278	61.00	62.00	0.0005				
1356279	62.00	63.00	0.0020				
1356281	63.00	64.50	0.0480				
1356282	64.50	66.00	0.0050				
1356283	66.00	67.50	0.0080				
1356284	67.50	69.00	0.0080				
1356285	69.00	70.50	0.0080				
1356286	70.50	72.00	0.0070				
1356287	72.00	73.50	0.0080				
1356288	73.50	75.00	0.0110				
1356289	75.00	76.00	0.0110				
1356291	76.00	77.00	0.0130				
1356292	77.00	78.00	0.0140				
1356293	78.00	79.10	0.0090				
1356294	79.10	80.60	0.0110				
1356295	80.60	82.10	0.0120				
1356297	99.00	100.50	0.0410				
1356298	100.50	102.00	0.0230				
1356299	102.00	103.00	0.0400				
1356301	103.00	104.20	0.2660				
1356302	104.20	105.70	0.0560				
1356303	105.70	107.20	0.0730				
1356304	107.20	108.20	3.0180				
1356305	108.20	109.20	0.3460				
1356306	109.20	110.50	0.0880				
1356307	110.50	111.50	0.0360				
1356308	111.50	113.00	0.0170				
1356309	113.00	114.50	0.1530				
1356311	114.50	115.50	0.4680				
1356312	115.50	116.50	0.4550				
1356313	116.50	117.50	0.1770				
1356314	117.50	118.50	0.3900				
1356315	118.50	119.50	0.0990				
1356317	119.50	120.50	0.3040				
1356318	120.50	121.50	0.2030				
1356319	121.50	122.50	0.1190				
1356321	122.50	123.50	0.1270				
1356322	123.50	124.50	7.1350			2.8970	

Hole Number: TL13330

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1356323	124.50	125.50	1.0450				
1356324	125.50	126.50	0.4080				
1356325	126.50	127.50	0.1210				
1356326	127.50	128.50	0.4660				
1356327	128.50	129.50	0.1890				
1356328	129.50	130.50	0.1250				
1356329	130.50	131.50	0.1450				
1356331	131.50	132.75	0.0960				
1356332	132.75	134.25	0.0260				
1356333	165.00	166.50	0.0380				
1356334	166.50	167.50	0.0910				
1356335	167.50	168.50	0.1310				
1356337	168.50	169.50	0.3480				
1356338	169.50	171.00	0.0530				
1356339	171.00	172.50	0.0300				
1356341	172.50	174.00	0.0870				
1356342	174.00	175.50	0.0160				
1356343	175.50	177.00	0.0240				
Sample Type	CDUP						
1356256	35.00	36.00	0.0370				
1356276	59.00	60.00	0.0050				
1356296	80.60	82.10	0.0120				
1356316	118.50	119.50	0.0830				
1356336	167.50	168.50	0.1010				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13330	24.3	25.5	1356246	0.50	2.63	12.00	282.00	2.00	9.00	0.85	2.00	5.00	15.00	16.00	1.51	0.36	9.00	0.78	673.00
TL13330	25.5	27.0	1356247	0.50	2.23	8.00	282.00	1.00	12.00	0.46	2.00	3.00	12.00	7.00	1.02	0.45	6.00	0.46	287.00
TL13330	27.0	28.5	1356248	0.50	2.60	6.00	327.00	1.00	28.00	0.75	2.00	7.00	19.00	16.00	1.13	0.49	8.00	0.53	432.00
TL13330	28.5	30.0	1356249	3.00	3.14	14.00	349.00	1.00	14.00	0.91	2.00	5.00	17.00	25.00	1.28	0.49	9.00	0.54	507.00
TL13330	30.0	31.5	1356251	0.50	2.58	4.00	335.00	2.00	9.00	1.00	2.00	4.00	20.00	37.00	1.29	0.38	8.00	0.62	518.00
TL13330	31.5	32.7	1356252	0.50	3.22	14.00	341.00	1.00	26.00	1.12	2.00	5.00	20.00	11.00	1.36	0.29	8.00	0.68	629.00
TL13330	32.7	33.7	1356253	45.00	2.05	50.00	286.00	2.00	23.00	0.18	18.00	5.00	23.00	260.00	2.55	0.28	4.00	0.24	176.00
TL13330	33.7	35.0	1356254	0.50	2.36	18.00	273.00	1.00	4.00	0.77	2.00	6.00	22.00	19.00	1.09	0.29	7.00	0.72	592.00
TL13330	35.0	36.0	1356256	0.50	3.60	13.00	353.00	1.00	16.00	0.61	2.00	7.00	16.00	24.00	1.28	0.47	10.00	0.46	415.00
TL13330	35.0	36.0	1356255	0.50	2.79	12.00	302.00	1.00	12.00	0.52	2.00	5.00	19.00	26.00	1.22	0.33	9.00	0.46	408.00
TL13330	36.0	37.5	1356257	0.50	2.63	36.00	271.00	1.00	9.00	0.60	2.00	5.00	22.00	43.00	1.22	0.40	7.00	0.55	616.00
TL13330	37.5	39.0	1356258	1.00	2.71	29.00	272.00	1.00	19.00	0.55	2.00	6.00	20.00	27.00	1.30	0.43	8.00	0.54	538.00
TL13330	39.0	40.5	1356259	2.00	3.01	27.00	354.00	1.00	25.00	0.68	2.00	7.00	29.00	38.00	1.57	0.36	9.00	0.52	454.00
TL13330	40.5	42.0	1356261	1.00	3.18	26.00	318.00	1.00	51.00	0.90	2.00	5.00	38.00	32.00	1.40	0.51	11.00	0.52	579.00
TL13330	42.0	43.5	1356262	0.50	2.74	9.00	274.00	1.00	41.00	0.74	2.00	6.00	29.00	14.00	1.21	0.44	10.00	0.63	614.00
TL13330	43.5	45.0	1356263	2.00	3.10	18.00	310.00	2.00	15.00	0.80	2.00	6.00	24.00	13.00	1.36	0.21	11.00	0.66	645.00
TL13330	45.0	46.5	1356264	2.00	2.21	8.00	274.00	1.00	7.00	0.41	2.00	9.00	17.00	10.00	0.89	0.25	8.00	0.70	473.00
TL13330	46.5	48.0	1356265	5.00	2.95	12.00	268.00	1.00	0.50	0.48	2.00	5.00	18.00	19.00	1.21	0.42	11.00	1.08	548.00
TL13330	48.0	49.5	1356266	2.00	2.66	16.00	263.00	1.00	26.00	0.81	2.00	5.00	28.00	15.00	1.24	0.38	7.00	0.51	387.00
TL13330	49.5	51.0	1356267	2.00	3.62	4.00	335.00	2.00	19.00	0.87	2.00	7.00	25.00	18.00	1.51	0.36	13.00	0.70	415.00
TL13330	51.0	52.5	1356268	0.50	3.27	8.00	391.00	1.00	21.00	0.58	2.00	13.00	14.00	13.00	1.68	0.32	17.00	0.79	432.00
TL13330	52.5	54.0	1356269	0.50	4.52	11.00	502.00	1.00	0.50	1.01	2.00	6.00	17.00	11.00	1.22	0.29	22.00	0.66	395.00
TL13330	54.0	55.5	1356271	1.00	4.24	25.00	367.00	2.00	25.00	1.45	2.00	7.00	18.00	13.00	1.91	0.30	18.00	0.79	617.00
TL13330	55.5	57.0	1356272	6.00	3.83	11.00	254.00	1.00	29.00	1.51	2.00	5.00	21.00	19.00	1.38	0.35	13.00	0.73	543.00
TL13330	57.0	58.0	1356273	96.00	1.98	26.00	287.00	1.00	16.00	0.01	2.00	8.00	18.00	25.00	1.57	0.46	9.00	0.15	50.00
TL13330	58.0	59.0	1356274	38.00	3.41	15.00	333.00	1.00	23.00	1.12	2.00	7.00	18.00	15.00	0.97	0.38	14.00	0.66	191.00
TL13330	59.0	60.0	1356276	1.00	3.07	11.00	267.00	1.00	8.00	1.15	2.00	3.00	12.00	6.00	0.69	0.44	10.00	0.50	180.00
TL13330	59.0	60.0	1356275	2.00	2.81	8.00	244.00	2.00	50.00	0.86	2.00	4.00	18.00	9.00	0.73	0.40	11.00	0.51	181.00
TL13330	60.0	61.0	1356277	11.00	3.56	13.00	182.00	2.00	5.00	1.56	2.00	3.00	16.00	5.00	1.66	0.36	9.00	0.66	334.00
TL13330	61.0	62.0	1356278	0.50	5.18	9.00	324.00	1.00	0.50	1.90	2.00	3.00	15.00	1.00	1.33	0.49	17.00	0.96	444.00
TL13330	62.0	63.0	1356279	0.50	5.31	8.00	290.00	2.00	13.00	2.47	2.00	3.00	14.00	6.00	1.48	0.42	16.00	1.28	506.00
TL13330	63.0	64.5	1356281	2.00	4.27	16.00	237.00	1.00	39.00	2.01	2.00	19.00	118.00	41.00	3.26	0.47	21.00	1.23	553.00
TL13330	64.5	66.0	1356282	1.00	5.24	20.00	409.00	2.00	19.00	2.45	2.00	12.00	52.00	30.00	2.00	0.37	21.00	0.63	410.00
TL13330	66.0	67.5	1356283	0.50	4.65	22.00	285.00	1.00	20.00	2.53	2.00	6.00	15.00	12.00	1.31	0.52	14.00	0.93	444.00
TL13330	67.5	69.0	1356284	0.50	4.11	19.00	348.00	1.00	20.00	1.87	2.00	9.00	12.00	6.00	1.25	0.57	15.00	0.68	269.00
TL13330	69.0	70.5	1356285	0.50	3.83	9.00	342.00	2.00	16.00	1.93	2.00	7.00	12.00	8.00	1.09	0.50	15.00	0.80	318.00
TL13330	70.5	72.0	1356286	0.50	3.83	13.00	313.00	1.00	26.00	1.73	2.00	7.00	17.00	11.00	0.77	0.40	13.00	0.86	272.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13330	24.3	25.5	1356246	0.50	14.00	467.00	36.00	0.78	2.50	2.50	5.00	79.00	1266.00	1.00	28.00	10.00	5.00	115.00
TL13330	25.5	27.0	1356247	0.50	14.00	422.00	16.00	0.67	2.50	9.00	5.00	63.00	1186.00	1.00	22.00	5.00	4.00	36.00
TL13330	27.0	28.5	1356248	3.00	22.00	406.00	14.00	0.44	2.50	2.50	5.00	71.00	1284.00	1.00	24.00	5.00	4.00	45.00
TL13330	28.5	30.0	1356249	3.00	14.00	376.00	101.00	0.60	2.50	2.50	5.00	86.00	1343.00	2.00	25.00	5.00	4.00	233.00
TL13330	30.0	31.5	1356251	3.00	19.00	379.00	22.00	0.38	2.50	5.00	5.00	78.00	1221.00	1.00	25.00	5.00	4.00	50.00
TL13330	31.5	32.7	1356252	2.00	20.00	417.00	28.00	0.54	2.50	2.50	5.00	80.00	1356.00	1.00	26.00	5.00	4.00	93.00
TL13330	32.7	33.7	1356253	5.00	22.00	216.00	2776.00	2.89	52.00	2.50	5.00	39.00	1107.00	1.00	23.00	78.00	3.00	4938.00
TL13330	33.7	35.0	1356254	3.00	26.00	407.00	57.00	0.47	2.50	2.50	5.00	66.00	1321.00	1.00	24.00	5.00	4.00	102.00
TL13330	35.0	36.0	1356256	2.00	17.00	425.00	22.00	0.62	2.50	2.50	5.00	55.00	1603.00	1.00	29.00	5.00	4.00	56.00
TL13330	35.0	36.0	1356255	2.00	20.00	468.00	26.00	0.56	2.50	2.50	5.00	48.00	1449.00	1.00	26.00	5.00	4.00	62.00
TL13330	36.0	37.5	1356257	2.00	17.00	367.00	41.00	0.74	2.50	2.50	5.00	52.00	1426.00	1.00	26.00	12.00	4.00	574.00
TL13330	37.5	39.0	1356258	0.50	18.00	383.00	34.00	0.88	2.50	2.50	5.00	56.00	1450.00	1.00	27.00	5.00	4.00	191.00
TL13330	39.0	40.5	1356259	2.00	20.00	474.00	74.00	1.06	2.50	8.00	5.00	72.00	1521.00	1.00	29.00	5.00	4.00	135.00
TL13330	40.5	42.0	1356261	4.00	24.00	273.00	38.00	0.74	2.50	5.00	5.00	91.00	1342.00	1.00	29.00	5.00	3.00	111.00
TL13330	42.0	43.5	1356262	2.00	27.00	340.00	31.00	0.54	2.50	2.50	5.00	75.00	1382.00	1.00	28.00	5.00	4.00	79.00
TL13330	43.5	45.0	1356263	1.00	16.00	372.00	24.00	0.71	2.50	2.50	5.00	82.00	1523.00	2.00	32.00	5.00	4.00	56.00
TL13330	45.0	46.5	1356264	0.50	18.00	369.00	31.00	0.28	2.50	2.50	5.00	54.00	1245.00	1.00	27.00	5.00	3.00	135.00
TL13330	46.5	48.0	1356265	0.50	14.00	390.00	31.00	0.50	2.50	2.50	5.00	70.00	1332.00	2.00	29.00	5.00	4.00	131.00
TL13330	48.0	49.5	1356266	2.00	16.00	296.00	19.00	0.75	2.50	11.00	5.00	85.00	1085.00	3.00	28.00	5.00	4.00	45.00
TL13330	49.5	51.0	1356267	2.00	18.00	410.00	18.00	0.42	2.50	12.00	5.00	100.00	1428.00	1.00	35.00	5.00	4.00	42.00
TL13330	51.0	52.5	1356268	0.50	16.00	420.00	9.00	0.44	2.50	9.00	5.00	70.00	1641.00	3.00	37.00	5.00	5.00	105.00
TL13330	52.5	54.0	1356269	0.50	9.00	465.00	19.00	0.32	2.50	10.00	5.00	128.00	2140.00	1.00	42.00	5.00	4.00	57.00
TL13330	54.0	55.5	1356271	2.00	14.00	409.00	30.00	1.19	2.50	17.00	5.00	123.00	2007.00	1.00	39.00	5.00	5.00	77.00
TL13330	55.5	57.0	1356272	2.00	18.00	355.00	69.00	1.10	2.50	2.50	5.00	103.00	1513.00	1.00	30.00	5.00	4.00	280.00
TL13330	57.0	58.0	1356273	4.00	17.00	248.00	337.00	1.78	24.00	9.00	5.00	32.00	1326.00	1.00	28.00	11.00	2.00	551.00
TL13330	58.0	59.0	1356274	2.00	20.00	328.00	82.00	0.84	8.00	6.00	5.00	138.00	1518.00	1.00	33.00	5.00	3.00	50.00
TL13330	59.0	60.0	1356276	2.00	11.00	297.00	21.00	0.57	2.50	8.00	5.00	126.00	1174.00	1.00	24.00	5.00	3.00	33.00
TL13330	59.0	60.0	1356275	2.00	12.00	299.00	18.00	0.61	2.50	11.00	5.00	93.00	1108.00	1.00	22.00	5.00	3.00	26.00
TL13330	60.0	61.0	1356277	2.00	14.00	301.00	36.00	1.61	2.50	6.00	5.00	128.00	1001.00	2.00	19.00	5.00	5.00	120.00
TL13330	61.0	62.0	1356278	3.00	14.00	332.00	13.00	0.93	2.50	6.00	5.00	173.00	1306.00	4.00	24.00	5.00	4.00	17.00
TL13330	62.0	63.0	1356279	2.00	14.00	298.00	17.00	0.71	2.50	8.00	5.00	190.00	1268.00	1.00	26.00	5.00	5.00	25.00
TL13330	63.0	64.5	1356281	6.00	61.00	407.00	22.00	0.87	2.50	2.50	5.00	180.00	2097.00	2.00	68.00	12.00	11.00	76.00
TL13330	64.5	66.0	1356282	5.00	38.00	590.00	18.00	1.16	5.00	13.00	5.00	231.00	1974.00	1.00	53.00	5.00	6.00	31.00
TL13330	66.0	67.5	1356283	2.00	18.00	564.00	9.00	0.85	2.50	6.00	5.00	162.00	1519.00	1.00	31.00	5.00	6.00	17.00
TL13330	67.5	69.0	1356284	2.00	15.00	511.00	10.00	0.83	2.50	11.00	5.00	157.00	1539.00	1.00	31.00	5.00	5.00	17.00
TL13330	69.0	70.5	1356285	1.00	14.00	505.00	11.00	0.47	2.50	8.00	5.00	165.00	1429.00	1.00	30.00	5.00	4.00	14.00
TL13330	70.5	72.0	1356286	2.00	22.00	519.00	14.00	0.19	2.50	11.00	5.00	158.00	1352.00	1.00	27.00	5.00	5.00	8.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13330	72.0	73.5	1356287	0.50	3.78	19.00	359.00	1.00	31.00	1.40	2.00	7.00	13.00	8.00	1.16	0.44	15.00	0.73	275.00
TL13330	73.5	75.0	1356288	0.50	3.71	14.00	397.00	1.00	14.00	1.70	2.00	6.00	15.00	5.00	1.74	0.37	12.00	0.73	391.00
TL13330	75.0	76.0	1356289	0.50	4.19	9.00	371.00	1.00	25.00	1.60	2.00	6.00	16.00	7.00	1.93	0.28	14.00	0.62	407.00
TL13330	76.0	77.0	1356291	0.50	2.33	22.00	403.00	1.00	31.00	0.43	2.00	7.00	13.00	8.00	2.11	0.34	12.00	0.41	269.00
TL13330	77.0	78.0	1356292	0.50	3.13	18.00	396.00	1.00	0.50	0.83	2.00	6.00	14.00	7.00	1.61	0.33	12.00	0.57	358.00
TL13330	78.0	79.1	1356293	0.50	2.68	14.00	428.00	1.00	21.00	0.43	2.00	5.00	12.00	5.00	1.48	0.42	11.00	0.34	210.00
TL13330	79.1	80.6	1356294	0.50	3.44	16.00	382.00	1.00	21.00	0.97	2.00	6.00	11.00	3.00	1.85	0.46	13.00	0.45	314.00
TL13330	80.6	82.1	1356296	0.50	1.85	13.00	314.00	1.00	0.50	0.96	2.00	6.00	16.00	6.00	1.96	0.25	19.00	0.80	532.00
TL13330	80.6	82.1	1356295	0.50	2.83	8.00	31.00	1.00	14.00	0.29	2.00	0.50	7.00	0.50	0.05	1.34	0.50	0.15	50.00
TL13330	99.0	100.5	1356297	0.50	3.56	24.00	396.00	2.00	13.00	1.41	2.00	12.00	53.00	42.00	2.18	0.38	11.00	0.78	486.00
TL13330	100.5	102.0	1356298	0.50	4.26	13.00	458.00	1.00	4.00	1.78	2.00	7.00	15.00	10.00	1.50	0.28	11.00	0.76	349.00
TL13330	102.0	103.0	1356299	2.00	3.09	27.00	448.00	1.00	14.00	0.64	2.00	7.00	16.00	9.00	1.49	0.21	5.00	0.47	240.00
TL13330	103.0	104.2	1356301	6.00	4.04	39.00	583.00	1.00	28.00	0.88	2.00	9.00	30.00	47.00	1.98	0.30	8.00	0.59	337.00
TL13330	104.2	105.7	1356302	1.00	3.68	16.00	494.00	1.00	12.00	1.63	2.00	7.00	16.00	31.00	1.70	0.40	10.00	0.84	571.00
TL13330	105.7	107.2	1356303	0.50	3.28	16.00	379.00	2.00	16.00	1.54	2.00	20.00	102.00	50.00	3.43	0.40	10.00	0.99	564.00
TL13330	107.2	108.2	1356304	12.00	2.30	65.00	936.00	1.00	8.00	0.01	6.00	5.00	21.00	74.00	1.55	0.35	3.00	0.13	50.00
TL13330	108.2	109.2	1356305	2.00	2.40	70.00	905.00	2.00	14.00	0.01	2.00	5.00	17.00	48.00	1.53	0.34	2.00	0.12	50.00
TL13330	109.2	110.5	1356306	0.50	2.89	30.00	431.00	1.00	16.00	0.61	2.00	6.00	11.00	18.00	1.12	0.39	7.00	0.45	206.00
TL13330	110.5	111.5	1356307	0.50	3.74	47.00	319.00	2.00	18.00	1.12	2.00	7.00	12.00	9.00	1.70	0.33	9.00	0.62	304.00
TL13330	111.5	113.0	1356308	0.50	4.40	30.00	300.00	1.00	30.00	2.30	2.00	7.00	15.00	8.00	1.77	0.47	8.00	1.11	540.00
TL13330	113.0	114.5	1356309	0.50	3.90	29.00	250.00	2.00	13.00	1.26	2.00	14.00	80.00	35.00	2.55	0.47	9.00	1.10	468.00
TL13330	114.5	115.5	1356311	0.50	2.73	79.00	333.00	2.00	14.00	0.01	2.00	12.00	62.00	50.00	1.96	0.65	2.00	0.17	50.00
TL13330	115.5	116.5	1356312	2.00	2.76	53.00	399.00	1.00	11.00	0.05	2.00	6.00	18.00	43.00	1.24	0.53	3.00	0.26	50.00
TL13330	116.5	117.5	1356313	1.00	2.25	98.00	370.00	1.00	10.00	0.02	2.00	5.00	19.00	24.00	1.22	0.33	0.50	0.17	50.00
TL13330	117.5	118.5	1356314	2.00	2.74	53.00	457.00	1.00	42.00	0.02	2.00	6.00	21.00	52.00	1.26	0.46	3.00	0.21	50.00
TL13330	118.5	119.5	1356316	0.50	3.48	53.00	396.00	1.00	25.00	0.23	2.00	6.00	23.00	11.00	1.28	0.34	5.00	0.44	197.00
TL13330	118.5	119.5	1356315	0.50	3.10	50.00	356.00	1.00	27.00	0.24	2.00	6.00	26.00	11.00	1.21	0.44	5.00	0.45	202.00
TL13330	119.5	120.5	1356317	5.00	4.43	76.00	345.00	2.00	10.00	0.52	8.00	6.00	27.00	48.00	1.91	0.37	9.00	0.70	276.00
TL13330	120.5	121.5	1356318	0.50	3.75	86.00	338.00	1.00	17.00	0.16	5.00	9.00	52.00	52.00	2.26	0.37	5.00	0.39	150.00
TL13330	121.5	122.5	1356319	0.50	4.51	61.00	368.00	2.00	17.00	0.92	4.00	9.00	78.00	31.00	2.14	0.29	9.00	0.98	477.00
TL13330	122.5	123.5	1356321	0.50	4.61	71.00	283.00	2.00	3.00	1.47	2.00	17.00	134.00	55.00	2.87	0.43	10.00	1.19	612.00
TL13330	123.5	124.5	1356322	5.00	3.95	77.00	330.00	1.00	23.00	0.42	2.00	13.00	95.00	66.00	2.27	0.54	7.00	0.46	248.00
TL13330	124.5	125.5	1356323	20.00	3.67	47.00	390.00	1.00	22.00	0.43	4.00	6.00	32.00	91.00	1.40	0.68	6.00	0.45	224.00
TL13330	125.5	126.5	1356324	0.50	4.33	40.00	396.00	1.00	6.00	1.45	2.00	6.00	27.00	18.00	1.49	0.64	10.00	0.86	597.00
TL13330	126.5	127.5	1356325	1.00	2.48	63.00	293.00	1.00	14.00	0.71	2.00	11.00	84.00	39.00	1.91	0.52	6.00	0.59	363.00
TL13330	127.5	128.5	1356326	0.50	2.95	97.00	204.00	2.00	28.00	1.48	2.00	16.00	113.00	29.00	3.11	0.65	7.00	0.96	560.00
TL13330	128.5	129.5	1356327	0.50	4.26	62.00	333.00	1.00	16.00	1.42	2.00	16.00	121.00	46.00	2.78	0.27	11.00	1.19	614.00
TL13330	129.5	130.5	1356328	0.50	3.90	82.00	319.00	1.00	40.00	0.78	2.00	20.00	124.00	37.00	3.20	0.21	10.00	1.19	486.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13330	72.0	73.5	1356287	2.00	14.00	490.00	14.00	0.64	2.50	11.00	5.00	192.00	1556.00	3.00	30.00	5.00	4.00	18.00
TL13330	73.5	75.0	1356288	2.00	15.00	482.00	13.00	0.67	2.50	2.50	5.00	258.00	1444.00	3.00	27.00	5.00	5.00	30.00
TL13330	75.0	76.0	1356289	3.00	19.00	526.00	11.00	0.74	2.50	7.00	5.00	221.00	1388.00	1.00	29.00	5.00	6.00	32.00
TL13330	76.0	77.0	1356291	0.50	15.00	554.00	12.00	1.78	2.50	2.50	5.00	105.00	1127.00	1.00	30.00	5.00	5.00	35.00
TL13330	77.0	78.0	1356292	2.00	16.00	477.00	14.00	1.24	2.50	5.00	5.00	167.00	1002.00	1.00	31.00	5.00	5.00	36.00
TL13330	78.0	79.1	1356293	0.50	15.00	574.00	11.00	1.30	2.50	2.50	5.00	119.00	1111.00	1.00	28.00	5.00	5.00	33.00
TL13330	79.1	80.6	1356294	0.50	10.00	486.00	17.00	1.65	2.50	7.00	5.00	150.00	1215.00	1.00	32.00	5.00	5.00	44.00
TL13330	80.6	82.1	1356296	0.50	11.00	498.00	11.00	1.37	2.50	6.00	5.00	125.00	1299.00	1.00	32.00	5.00	5.00	48.00
TL13330	80.6	82.1	1356295	1.00	2.00	50.00	0.50	0.18	6.00	2.50	5.00	27.00	50.00	15.00	1.00	5.00	2.00	2.00
TL13330	99.0	100.5	1356297	0.50	35.00	454.00	39.00	1.04	2.50	8.00	5.00	97.00	1578.00	1.00	43.00	5.00	8.00	104.00
TL13330	100.5	102.0	1356298	0.50	13.00	434.00	20.00	0.35	2.50	10.00	5.00	113.00	1593.00	2.00	33.00	5.00	5.00	66.00
TL13330	102.0	103.0	1356299	0.50	14.00	421.00	54.00	1.03	2.50	2.50	5.00	73.00	1384.00	1.00	30.00	5.00	5.00	92.00
TL13330	103.0	104.2	1356301	1.00	22.00	442.00	109.00	1.64	2.50	6.00	5.00	95.00	1502.00	1.00	36.00	10.00	6.00	277.00
TL13330	104.2	105.7	1356302	0.50	13.00	493.00	90.00	0.57	2.50	8.00	5.00	115.00	1504.00	3.00	35.00	10.00	5.00	308.00
TL13330	105.7	107.2	1356303	3.00	60.00	405.00	37.00	1.38	2.50	5.00	5.00	108.00	1888.00	2.00	63.00	5.00	12.00	151.00
TL13330	107.2	108.2	1356304	7.00	18.00	304.00	664.00	1.53	5.00	2.50	5.00	45.00	1210.00	1.00	28.00	34.00	3.00	1895.00
TL13330	108.2	109.2	1356305	4.00	16.00	336.00	45.00	1.49	2.50	7.00	5.00	42.00	1142.00	1.00	25.00	14.00	3.00	476.00
TL13330	109.2	110.5	1356306	2.00	12.00	419.00	19.00	0.74	2.50	2.50	5.00	61.00	1479.00	1.00	30.00	5.00	3.00	62.00
TL13330	110.5	111.5	1356307	1.00	13.00	461.00	18.00	1.18	2.50	11.00	5.00	82.00	1510.00	1.00	28.00	5.00	5.00	46.00
TL13330	111.5	113.0	1356308	4.00	16.00	476.00	14.00	0.76	2.50	2.50	5.00	97.00	1359.00	2.00	27.00	5.00	5.00	40.00
TL13330	113.0	114.5	1356309	3.00	52.00	417.00	27.00	1.12	2.50	10.00	5.00	58.00	1522.00	1.00	54.00	5.00	8.00	80.00
TL13330	114.5	115.5	1356311	0.50	38.00	358.00	61.00	1.83	2.50	2.50	5.00	29.00	1196.00	1.00	52.00	5.00	4.00	212.00
TL13330	115.5	116.5	1356312	1.00	16.00	352.00	213.00	1.07	2.50	2.50	5.00	32.00	989.00	1.00	30.00	11.00	3.00	309.00
TL13330	116.5	117.5	1356313	0.50	18.00	395.00	227.00	1.11	2.50	2.50	5.00	23.00	887.00	1.00	24.00	14.00	4.00	283.00
TL13330	117.5	118.5	1356314	4.00	18.00	255.00	262.00	1.12	2.50	5.00	5.00	25.00	1174.00	1.00	29.00	22.00	3.00	920.00
TL13330	118.5	119.5	1356316	2.00	23.00	373.00	73.00	1.04	2.50	7.00	5.00	32.00	1246.00	1.00	31.00	5.00	4.00	211.00
TL13330	118.5	119.5	1356315	3.00	26.00	348.00	75.00	0.93	2.50	2.50	5.00	31.00	1160.00	2.00	28.00	5.00	4.00	127.00
TL13330	119.5	120.5	1356317	1.00	26.00	361.00	613.00	1.80	8.00	11.00	5.00	54.00	1278.00	1.00	30.00	51.00	5.00	2721.00
TL13330	120.5	121.5	1356318	4.00	35.00	352.00	95.00	2.15	2.50	2.50	5.00	27.00	1300.00	1.00	38.00	23.00	6.00	1077.00
TL13330	121.5	122.5	1356319	6.00	53.00	491.00	66.00	1.27	2.50	9.00	5.00	49.00	1496.00	1.00	44.00	22.00	10.00	1076.00
TL13330	122.5	123.5	1356321	4.00	67.00	495.00	66.00	1.58	2.50	10.00	5.00	57.00	1964.00	1.00	68.00	10.00	13.00	329.00
TL13330	123.5	124.5	1356322	4.00	51.00	433.00	486.00	1.84	5.00	9.00	5.00	32.00	1844.00	1.00	58.00	18.00	9.00	757.00
TL13330	124.5	125.5	1356323	6.00	31.00	421.00	609.00	1.11	12.00	5.00	5.00	45.00	1524.00	1.00	33.00	24.00	6.00	1133.00
TL13330	125.5	126.5	1356324	4.00	26.00	441.00	60.00	0.84	2.50	8.00	5.00	81.00	1468.00	3.00	30.00	5.00	6.00	85.00
TL13330	126.5	127.5	1356325	3.00	46.00	328.00	81.00	1.58	2.50	6.00	5.00	45.00	1399.00	1.00	46.00	5.00	8.00	106.00
TL13330	127.5	128.5	1356326	7.00	53.00	385.00	62.00	2.63	2.50	2.50	5.00	65.00	1235.00	2.00	46.00	5.00	10.00	329.00
TL13330	128.5	129.5	1356327	3.00	59.00	417.00	50.00	1.58	2.50	6.00	5.00	61.00	1836.00	3.00	67.00	5.00	12.00	190.00
TL13330	129.5	130.5	1356328	3.00	68.00	439.00	36.00	1.93	2.50	6.00	5.00	48.00	1929.00	3.00	73.00	5.00	11.00	110.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13330	130.5	131.5	1356329	0.50	4.42	55.00	297.00	1.00	16.00	1.31	4.00	19.00	109.00	50.00	3.33	0.15	12.00	1.42	549.00
TL13330	131.5	132.8	1356331	0.50	3.96	44.00	397.00	1.00	18.00	0.83	2.00	7.00	30.00	18.00	1.50	0.41	10.00	0.64	328.00
TL13330	132.8	134.3	1356332	0.50	4.30	24.00	415.00	1.00	15.00	1.90	2.00	6.00	27.00	5.00	1.46	0.44	9.00	1.01	484.00
TL13330	165.0	166.5	1356333	0.50	4.12	9.00	348.00	1.00	3.00	2.23	2.00	7.00	22.00	5.00	1.63	0.35	17.00	1.09	474.00
TL13330	166.5	167.5	1356334	0.50	4.42	25.00	431.00	2.00	2.00	1.99	2.00	9.00	31.00	67.00	1.86	0.46	17.00	0.98	429.00
TL13330	167.5	168.5	1356335	0.50	3.94	23.00	360.00	1.00	9.00	1.68	2.00	6.00	22.00	32.00	1.47	0.44	14.00	0.93	467.00
TL13330	167.5	168.5	1356336	0.50	3.71	19.00	340.00	2.00	31.00	1.71	2.00	6.00	28.00	24.00	1.39	0.33	13.00	0.90	456.00
TL13330	168.5	169.5	1356337	1.00	2.92	42.00	307.00	1.00	25.00	1.50	2.00	7.00	19.00	33.00	1.79	0.24	9.00	0.74	369.00
TL13330	169.5	171.0	1356338	0.50	4.62	20.00	462.00	1.00	26.00	1.64	2.00	6.00	18.00	20.00	1.43	0.50	14.00	0.82	461.00
TL13330	171.0	172.5	1356339	0.50	4.58	12.00	532.00	1.00	40.00	2.03	2.00	8.00	21.00	64.00	1.64	0.59	13.00	1.03	496.00
TL13330	172.5	174.0	1356341	7.00	1.88	3.00	87.00	4.00	23.00	7.21	19.00	5.00	15.00	725.00	3.85	0.12	0.50	2.88	1820.00
TL13330	174.0	175.5	1356342	0.50	4.27	5.00	357.00	1.00	2.00	1.77	2.00	6.00	19.00	19.00	1.58	0.58	11.00	1.12	503.00
TL13330	175.5	177.0	1356343	0.50	3.36	14.00	290.00	1.00	8.00	1.62	2.00	7.00	18.00	15.00	1.67	0.61	12.00	0.99	461.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13330	130.5	131.5	1356329	2.00	60.00	433.00	36.00	1.71	2.50	2.50	5.00	78.00	2034.00	6.00	65.00	5.00	12.00	358.00
TL13330	131.5	132.8	1356331	2.00	24.00	388.00	46.00	1.05	2.50	2.50	5.00	51.00	1661.00	1.00	37.00	5.00	5.00	224.00
TL13330	132.8	134.3	1356332	2.00	22.00	406.00	27.00	0.40	2.50	11.00	5.00	80.00	1559.00	4.00	31.00	5.00	5.00	58.00
TL13330	165.0	166.5	1356333	1.00	18.00	442.00	28.00	0.29	2.50	10.00	5.00	102.00	1455.00	1.00	29.00	5.00	5.00	74.00
TL13330	166.5	167.5	1356334	2.00	25.00	408.00	42.00	0.77	2.50	2.50	5.00	107.00	1621.00	1.00	36.00	14.00	6.00	389.00
TL13330	167.5	168.5	1356335	2.00	17.00	382.00	43.00	0.65	2.50	11.00	5.00	80.00	1406.00	1.00	30.00	5.00	5.00	198.00
TL13330	167.5	168.5	1356336	2.00	21.00	420.00	46.00	0.59	2.50	7.00	5.00	81.00	1335.00	1.00	28.00	11.00	5.00	355.00
TL13330	168.5	169.5	1356337	0.50	15.00	412.00	553.00	1.21	2.50	7.00	5.00	95.00	1166.00	1.00	23.00	17.00	5.00	814.00
TL13330	169.5	171.0	1356338	1.00	16.00	401.00	78.00	0.62	2.50	11.00	5.00	83.00	1606.00	1.00	31.00	10.00	5.00	166.00
TL13330	171.0	172.5	1356339	0.50	17.00	423.00	40.00	0.56	2.50	6.00	5.00	89.00	1748.00	1.00	35.00	11.00	5.00	237.00
TL13330	172.5	174.0	1356341	14.00	13.00	267.00	560.00	1.92	2.50	2.50	5.00	157.00	1046.00	5.00	25.00	99.00	8.00	7484.00
TL13330	174.0	175.5	1356342	1.00	14.00	402.00	23.00	0.43	2.50	11.00	5.00	125.00	1554.00	10.00	32.00	5.00	5.00	167.00
TL13330	175.5	177.0	1356343	1.00	15.00	424.00	14.00	0.47	2.50	7.00	5.00	110.00	1470.00	2.00	31.00	5.00	5.00	126.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13330	24.3	32.7	8.4	PO	BLB	0.1	Trace po blebs
TL13330	24.3	32.7	8.4	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13330	29.5	29.6	0.1	SPH	ST	1	Small sph stringer
TL13330	29.5	29.6	0.1	PB	BLB	0.1	Trace gn with sph stringer
TL13330	32.7	33.3	0.6	PB	BLB	1	1% gn blebs around sph/py stringers
TL13330	32.7	33.3	0.6	PY	ST	7	6-7% py stringers around deformed qz veins
TL13330	32.7	33.3	0.6	SPH	ST	4	3-4% py stringers around deformed qz veins
TL13330	32.7	33.3	0.6	CP	BLB	2	1-2% cpy blebs with py stringers
TL13330	32.7	42.0	9.3	PY	BDS	4	3-4% bleb diss. py, common blebs and stringers
TL13330	42.0	60.7	18.7	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13330	54.0	59.0	5.0	PB	BLB	0.1	Trace gn blebs with sph stringers
TL13330	54.0	59.0	5.0	CP	BLB	0.1	Trace cpy blebs with py stringers
TL13330	54.0	59.0	5.0	SPH	ST	2	1-2% sph stringers
TL13330	60.7	76.0	15.3	PO	BLB	0.1	Trace to 1% po blebs found with py and in some qz-chl-amph bands
TL13330	60.7	76.0	15.3	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13330	76.0	80.6	4.6	PY	DISS	3	2-3% diss. py, uncommon blebs and stringers
TL13330	80.6	107.2	26.6	PY	DISS	2	1-2% diss. py, local blebs and stringers
TL13330	102.0	107.2	5.2	SPH	ST	0.1	Trace sph stringers
TL13330	107.2	109.2	2.0	PB	BLB	0.1	Trace to 1% gn blebs with sph/py stringers
TL13330	107.2	109.2	2.0	SPH	ST	2	1-2% sph stringers
TL13330	107.2	109.2	2.0	PY	DISS	5	4-5% diss. py, common blebs and stringers
TL13330	107.2	128.0	20.8	PO	BLB	0.1	Trace po blebs, sometimes found with other sulfides
TL13330	109.2	114.0	4.8	PY	DISS	3	2-3% diss. py, local blebs and stringers
TL13330	114.0	122.0	8.0	CP	BLB	0.1	Trace cpy blebs with some py stringers
TL13330	114.0	122.0	8.0	PB	BLB	1	1% gb blebs with py/sph stringers around and within deformed qz veins
TL13330	114.0	122.0	8.0	SPH	ST	2	1-2% sph in common stringers spread through interval, often around deformed qz veins
TL13330	114.0	132.8	18.8	PY	DISS	5	4-5% diss. py, common blebs and stringers
TL13330	122.0	132.8	10.8	PB	BLB	0.1	Trace gn blebs with sph stringers
TL13330	122.0	132.8	10.8	SPH	ST	0.1	Trace sph stringers
TL13330	132.8	177.0	44.3	PY	DISS	4	3-4% diss. py, common blebs and stringers
TL13330	132.8	177.0	44.3	SPH	ST	0.1	Trace sph stringers, also some blebs and stringers within qz-chl-amph bands
TL13330	132.8	177.0	44.3	PB	BLB	0.1	Trace gn blebs with some sph stringers
TL13330	132.8	177.0	44.3	PO	BLB	0.1	Trace to 1% po blebs
TL13330	172.5	174.0	1.5	SPH	ST	4	Abundant sph stringers and blebs through mottled qz-chl-amph vein
TL13330	172.5	174.0	1.5	CP	BLB	1	1% cpy blebs within mottled qz-chl-amph vein
TL13330	172.5	174.0	1.5	ASP	BLB	0.1	Trace asp blebs within mottled qz-chl-amph vein

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13330	172.5	174.0	1.5	PO	BLB	2	1-2% po in blebs and semi-massive patches within mottled qz-chl-amph vein

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13330	24.3	32.7	8.4	FOL	Moderate	60	
TL13330	32.7	60.7	28.0	FOL	Moderate	62	60-65 deg TCA
TL13330	32.7	60.7	28.0	FR	Weak	50	Weak fracture set 40-60 deg TCA, minor marginal alt
TL13330	38.0	43.0	5.0	FTZ	Weak		Possible fault zone, abundant patches of rubble through interval
TL13330	39.6	39.7	0.1	Fold	Strong	30	F2 fold, axial plane 30 deg TCA
TL13330	50.2	50.3	0.1	Fold	Strong	45	F2 fold, axial plane 45 deg TCA
TL13330	60.7	76.0	15.3	FOL	Moderate	60	
TL13330	60.7	76.0	15.3	FR	Weak	50	Weak fracture set 40-60 deg TCA, minor marginal alt
TL13330	63.5	63.6	0.1	Fold	Moderate	40	Drag fold adjacent to qz vein, 40 deg TCA
TL13330	68.5	68.6	0.1	Fold	Strong	40	F2 fold, axial plane 40 deg TCA
TL13330	73.7	73.8	0.1	Fold	Strong	55	F2 fold, axial plane 55 deg TCA
TL13330	76.0	80.6	4.6	FOL	Moderate	65	60-70 deg TCA
TL13330	76.8	76.9	0.1	Fold	Strong	15	F2 fold, axial plane 15 deg TCA
TL13330	80.6	107.2	26.6	FOL	Moderate	60	55-65 deg TCA
TL13330	80.6	107.2	26.6	FR	Weak	50	Weak fracture set 40-60 deg TCA, minor marginal alt
TL13330	107.2	132.8	25.6	FOL	Moderate	62	60-65 deg TCA
TL13330	107.2	132.8	25.6	FR	Weak	40	Fracture set 20-60 deg TCA, minor marginal alt
TL13330	132.8	150.0	17.3	FOL	Moderate	65	
TL13330	132.8	177.0	44.3	FR	Weak	40	Fracture set 20-60 deg TCA, minor marginal alt
TL13330	143.7	143.8	0.1	Fold	Strong	10	F2 fold between qz veins, 10 deg TCA
TL13330	150.0	177.0	27.0	FOL	Moderate	67	65-70 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13330	24.3	32.7	8.4	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13330	24.3	32.7	8.4	SI	Pervasive	Moderate	Moderate to strong silicifications
TL13330	32.7	60.7	28.0	SI	Pervasive	Moderate	Moderate to strong silicification
TL13330	32.7	60.7	28.0	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13330	60.7	76.0	15.3	SR	Patchy	Moderate	Semi-pervasive sericite, 40% sr 60% bio
TL13330	60.7	76.0	15.3	SI	Pervasive	Moderate	Weak to moderate silicification
TL13330	76.0	80.6	4.6	SR	Patchy	Strong	Semi-pervasive sericite, 85% sr 15% bio
TL13330	76.0	80.6	4.6	SI	Pervasive	Strong	Moderate to strong silicification
TL13330	80.6	98.0	17.4	SR	Patchy	Very Weak	Semi-pervasive sericite, 10% sr 90% bio
TL13330	80.6	107.2	26.6	SI	Pervasive	Weak	Weak silicification
TL13330	98.0	107.2	9.2	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio, several patches up to 40cm of strong sr near bottom contact
TL13330	107.2	111.0	3.8	SR	Patchy	Very Strong	Semi-pervasive sericite, 95% sr 5% bio
TL13330	107.2	128.0	20.8	CH	Patchy	Weak	Weak patches of chl alteration overprinting some strong sr
TL13330	107.2	132.8	25.6	SI	Pervasive	Moderate	Moderate to strong silicification
TL13330	111.0	114.6	3.6	SR	Patchy	Weak	Semi-pervasive sericite, 30% sr 70% bio
TL13330	114.6	122.0	7.4	SR	Patchy	Very Strong	Semi-pervasive sericite, 95% sr 5% bio
TL13330	122.0	128.0	6.0	SR	Patchy	Strong	Semi-pervasive sericite, 80% sr 20% bio
TL13330	128.0	132.8	4.8	SR	Patchy	Moderate	Semi-pervasive sericite, 60% sr 40% bio
TL13330	132.8	177.0	44.3	SI	Pervasive	Weak	Weak to moderate silicification
TL13330	132.8	177.0	44.3	SR	Patchy	Weak	Semi-pervasive sericite, 20% sr 80% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13330	27	30	3	2.86	2.37	95.33	79	8	
TL13330	30	33	3	2.92	2.58	97.33	86	9	
TL13330	33	36	3	3.01	2.21	100.33	73.67	21	
TL13330	36	39	3	2.96	2.05	98.67	68.33	11	SRP
TL13330	39	42	3	3.03	1.98	101	66	24	
TL13330	42	45	3	3.04	1.62	101.33	54	27	
TL13330	45	48	3	3.04	2.41	101.33	80.33	19	
TL13330	48	51	3	2.98	2.73	99.33	91	8	
TL13330	51	54	3	3	2.4	100	80	19	
TL13330	54	57	3	2.99	2.55	99.67	85	11	
TL13330	57	60	3	2.97	2.37	99	79	14	
TL13330	60	63	3	2.97	2.97	99	99	4	
TL13330	63	66	3	2.94	2.68	98	89.33	10	
TL13330	66	69	3	2.94	2.94	98	98	1	
TL13330	69	72	3	2.98	2.9	99.33	96.67	3	
TL13330	72	75	3	2.97	2.53	99	84.33	6	
TL13330	75	78	3	2.98	2.86	99.33	95.33	6	
TL13330	78	81	3	2.94	2.79	98	93	9	
TL13330	81	84	3	2.99	2.71	99.67	90.33	8	
TL13330	84	87	3	2.95	2.95	98.33	98.33	6	
TL13330	87	90	3	2.93	2.93	97.67	97.67	3	
TL13330	90	93	3	2.98	2.98	99.33	99.33	4	
TL13330	93	96	3	2.95	2.86	98.33	95.33	5	
TL13330	96	99	3	3.03	2.65	101	88.33	8	
TL13330	99	102	3	2.93	2.85	97.67	95	8	
TL13330	102	105	3	3.06	1.97	102	65.67	18	
TL13330	105	108	3	3.04	2.84	101.33	94.67	7	
TL13330	108	111	3	2.98	2.45	99.33	81.67	11	
TL13330	111	114	3	2.95	2.77	98.33	92.33	7	
TL13330	114	117	3	2.93	1.52	97.67	50.67	27	
TL13330	117	120	3	3	2.36	100	78.67	20	
TL13330	120	123	3	2.96	2.34	98.67	78	18	
TL13330	123	126	3	3.03	2.85	101	95	10	
TL13330	126	129	3	2.93	2.63	97.67	87.67	12	
TL13330	129	132	3	2.9	2.46	96.67	82	17	
TL13330	132	135	3	3.02	2.63	100.67	87.67	16	
TL13330	135	138	3	3	2.87	100	95.67	10	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13330	138	141	3	2.96	2.87	98.67	95.67	11	
TL13330	141	144	3	3.03	2.88	101	96	8	
TL13330	144	147	3	2.95	2.69	98.33	89.67	8	
TL13330	147	150	3	2.98	2.55	99.33	85	13	
TL13330	150	153	3	2.96	2.74	98.67	91.33	9	
TL13330	153	156	3	2.95	2.87	98.33	95.67	7	
TL13330	156	159	3	2.96	2.87	98.67	95.67	5	
TL13330	159	162	3	2.92	2.92	97.33	97.33	5	
TL13330	162	165	3	3.04	2.82	101.33	94	10	
TL13330	165	168	3	3.03	2.89	101	96.33	9	
TL13330	168	171	3	3.04	2.89	101.33	96.33	7	
TL13330	171	174	3	2.98	2.75	99.33	91.67	7	
TL13330	174	177	3	2.92	2.86	97.33	95.33	5	

Hole Number: TL13331

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5511980.19	North:	Collar Az: 0.00
Location: Zealand Township	East: 528128.43	East:	Length: 189.00
	Elev: 395.25	Elev:	Start Depth: 0.00
Date Started: Feb 23, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 24, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 189.00

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

MSS Main-Zone 21.75m-48.42m

This Main-Zone MSS unit begins with weak patchy potassic alteration until 24.2m. The sericitic alteration ranges from very strong to moderate to strong and patchy. The silicification in this unit is strong and patchy to semi-pervasive. This unit is well mineralized with 3% pyrite in stringers, 3% sphalerite in stringers, 2% disseminated pyrite, 1% galena in blebs, trace to 1% chalcopyrite blebs, trace pyrrhotite blebs. The best mineralized interval occurs between 24.8m-30.5m. Trace VG in a small 1mm long sliver found along the margin of a highly silicified band at 29.62m depth between stringers.

MSS C-Zone from 64.48m-71.44m

This C-Zone MSS unit has very strong patchy sericitic alteration and moderate patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite, trace sphalerite in stringers, and trace pyrite in stringers.

MSS D-Zone from 120.54m-130.94m

This D-Zone MSS unit has very strong patchy sericitic alteration and weak to strong patchy silicification. This unit is moderately mineralized with 2% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers and trace galena blebs.

Pulled 94-118m for infill sampling program, April 2015.

BMS with patchy strong sr. Elevated py at ~3-4% py blebs and stringers, trace sph stringers usually within strong sr. Common F2 folds

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0	-46.00	EZ Sho	OK		24.00	0	-45.70	EZ Sho	OK	
51.00	359.70	-45.20	EZ Sho	OK		102.00	358.50	-43.70	EZ Sho	OK	
150.00	357.00	-41.60	EZ Sho	OK		180.00	355.30	-40.50	EZ Sho	OK	
189.00	354.20	-40.40	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	9.00	OB, Overburden									
9.00	21.75	BMS, Biotite Muscovite Schist	1377605	9.00	10.50	1.50	0.11				
		This BMS unit has weak patchy sericitic alteration and moderate patchy silicification. This unit is very poorly mineralized with only trace amounts of disseminated pyrite.	1377606	10.50	12.00	1.50	0.04				
			1377607	12.00	13.50	1.50	0.25				
			1377608	13.50	15.00	1.50	0.02				
			1377609	15.00	16.50	1.50	0.02				
			1377611	16.50	18.00	1.50	0.03				
			1377612	18.00	19.50	1.50	0.02				
			1377613	19.50	21.00	1.50	0.03				
			1377614	21.00	22.00	1.00	0.05				

Hole Number: TL13331

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
21.75	48.42	MSS, Muscovite Sericite Schist MSS Main-Zone 21.75m-48.42m This Main-Zone MSS unit begins with weak patchy potassic alteration until 24.2m. The sericitic alteration ranges from very strong to moderate to strong and patchy. The silicification in this unit is strong and patchy to semi-pervasive. This unit is well mineralized with 3% pyrite in stringers, 3% sphalerite in stringers, 2% disseminated pyrite, 1% galena in blebs, trace to 1% chalcopyrite blebs, trace pyrrhotite blebs. The best mineralized interval occurs between 24.8m-30.5m. Trace VG in a small 1mm long sliver found along the margin of a highly silicified band at 29.62m depth between stringers.	1377616	22.00	23.00	1.00	0.11				
			1377615	22.00	23.00	1.00	0.11				
			1377617	23.00	24.00	1.00	0.20				
			1377618	24.00	25.00	1.00	0.41				
			1377619	25.00	26.00	1.00	0.15				
			1377621	26.00	27.00	1.00	0.57				
			1377622	27.00	28.00	1.00	0.08				
			1377623	28.00	29.00	1.00	4.22				
			1377624	29.00	30.00	1.00	5.63				
			1377625	30.00	31.00	1.00	1.07				
			1377626	31.00	32.00	1.00	0.09				
			1377627	32.00	33.00	1.00	0.44				
			1377628	33.00	34.50	1.50	1.84				
			1377629	34.50	36.00	1.50	0.45				
			1377631	36.00	37.50	1.50	0.28				
			1377632	37.50	39.00	1.50	0.13				
			1377633	39.00	40.50	1.50	0.32				
			1377634	40.50	42.00	1.50	0.13				
			1377635	42.00	43.50	1.50	0.30				
			1377636	42.00	43.50	1.50	0.29				
			1377637	43.50	45.00	1.50	0.33				
			1377638	45.00	46.50	1.50	0.12				
			1377639	46.50	47.50	1.00	0.02				
			1377641	47.50	48.50	1.00	0.05				
48.42	64.48	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration with a small interval of strong sericitic alteration. This unit is very strong pervasive silicification followed by weak patchy silicification and finally very strong patchy silicification. This unit is poorly mineralized until 59.35m where there is a patch of condensed pyrite stringers amounting to roughly 3% py, trace chalcopyrite blebs, and trace pyrrhotite blebs. The unit has trace disseminated pyrite throughout.	1377642	48.50	50.00	1.50	0.02				
			1377643	50.00	51.50	1.50	0.02				
			1377644	51.50	53.00	1.50	0.02				
			1377645	53.00	54.50	1.50	0.03				
			1377646	54.50	56.00	1.50	0.02				
			1377647	56.00	57.50	1.50	0.01				
			1377648	57.50	59.00	1.50	0.08				
			1377649	59.00	60.50	1.50	0.01				
			1377651	60.50	62.00	1.50	0.02				
			1377652	62.00	63.00	1.00	0.04				
			1377653	63.00	64.50	1.50	0.00				
64.48	71.44	MSS, Muscovite Sericite Schist MSS C-Zone from 64.48m-71.44m This C-Zone MSS unit has very strong patchy sericitic alteration and moderate patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite, trace sphalerite in stringers, and trace pyrite in stringers.	1377654	64.50	66.00	1.50	0.16				
			1377655	66.00	67.50	1.50	0.14				
			1377656	66.00	67.50	1.50	0.10				
			1377657	67.50	69.00	1.50	0.01				
			1377658	69.00	70.00	1.00	0.26				
			1377659	70.00	71.50	1.50	0.00				

DETAILED LOG

Hole Number: TL13331

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
71.44	120.54	BMS, Biotite Muscovite Schist This BMS unit has very weak to weak patchy sericitic alteration and strong patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite 2% pyrite in stringers and trace sphalerite stringers.	1377661	71.50	73.00	1.50	0.00				
			303401	94.00	95.00	1.00		0.00			
			303402	95.00	96.00	1.00		0.01			
			303403	96.00	97.00	1.00		0.03			
			303404	97.00	98.00	1.00		0.07			
			303405	98.00	99.00	1.00		0.03			
			303406	98.00	99.00	1.00		0.04			
			303407	99.00	100.00	1.00		0.07			
			303408	100.00	101.00	1.00		0.07			
			303409	101.00	102.00	1.00		0.07			
			303411	102.00	103.00	1.00		0.07			
			303412	103.00	104.00	1.00		0.11			
			303413	104.00	105.00	1.00		0.01			
			303414	105.00	106.00	1.00		0.02			
			303415	106.00	107.00	1.00		0.01			
			303416	107.00	108.00	1.00		0.01			
			303417	108.00	109.00	1.00		0.01			
			303418	109.00	110.00	1.00		0.03			
			303419	110.00	111.00	1.00		0.12			
			303421	111.00	112.00	1.00		0.04			
			303422	112.00	113.00	1.00		0.02			
			303423	113.00	114.00	1.00		0.03			
			303424	114.00	115.00	1.00		0.08			
			303426	115.00	116.00	1.00		0.05			
			303425	115.00	116.00	1.00		0.06			
			303427	116.00	117.00	1.00		0.03			
			303428	117.00	117.50	0.50		0.02			
			1377662	117.50	119.00	1.50	0.07				
			1377663	119.00	120.50	1.50	0.17				
			1377664	120.50	121.50	1.00	1.17				
120.54	130.94	MSS, Muscovite Sericite Schist MSS D-Zone from 120.54m-130.94m This D-Zone MSS unit has very strong patchy sericitic alteration and weak to strong patchy silicification. This unit is moderately mineralized with 2% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers and trace galena blebs.	1377665	121.50	123.00	1.50	0.62				
			1377666	123.00	124.50	1.50	0.29				
			1377667	124.50	126.00	1.50	0.47				
			1377668	126.00	127.50	1.50	0.40				
			1377669	127.50	129.00	1.50	0.30				
			1377671	129.00	130.00	1.00	0.24				
			1377672	130.00	131.00	1.00	0.06				

Hole Number: TL13331

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
130.94	189.00	BMS, Biotite Muscovite Schist	1377673	131.00	132.50	1.50	0.05				
		This BMS unit has moderate to very weak patchy sericitic alteration and strong patchy to very strong pervasive silicification. This unit contains about 2% pyrite in stringers, trace disseminated pyrite, trace to 1% sphalerite in stringers, trace pyrrhotite blebs, trace chalcopyrite blebs and trace galena blebs.	1377674	132.50	133.50	1.00	0.05				
			1377676	133.50	135.00	1.50	0.51				
			1377675	133.50	135.00	1.50	0.79				
			1377677	135.00	136.00	1.00	0.05				
			1377678	136.00	137.00	1.00	0.83				
			1377679	137.00	138.50	1.50	0.08				
			1377681	138.50	140.00	1.50	0.07				
			1377682	140.00	141.00	1.00	0.22				
			1377683	141.00	142.00	1.00	0.13				
			1377684	142.00	143.00	1.00	0.03				
			1377685	143.00	144.00	1.00	0.25				
		1377686	144.00	145.50	1.50	0.17					

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377605	9.00	10.50	0.1080				
1377606	10.50	12.00	0.0430				
1377607	12.00	13.50	0.2500				
1377608	13.50	15.00	0.0220				
1377609	15.00	16.50	0.0180				
1377611	16.50	18.00	0.0260				
1377612	18.00	19.50	0.0190				
1377613	19.50	21.00	0.0310				
1377614	21.00	22.00	0.0530				
1377615	22.00	23.00	0.1100				
1377617	23.00	24.00	0.1990				
1377618	24.00	25.00	0.4110				
1377619	25.00	26.00	0.1460				
1377621	26.00	27.00	0.5730				
1377622	27.00	28.00	0.0810				
1377623	28.00	29.00	4.2190				
1377624	29.00	30.00	5.6260				
1377625	30.00	31.00	1.0690				
1377626	31.00	32.00	0.0900				
1377627	32.00	33.00	0.4370				
1377628	33.00	34.50	1.8410				
1377629	34.50	36.00	0.4490				
1377631	36.00	37.50	0.2840				
1377632	37.50	39.00	0.1310				

Hole Number: TL13331

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377633	39.00	40.50	0.3170				
1377634	40.50	42.00	0.1330				
1377635	42.00	43.50	0.2990				
1377637	43.50	45.00	0.3250				
1377638	45.00	46.50	0.1150				
1377639	46.50	47.50	0.0240				
1377641	47.50	48.50	0.0460				
1377642	48.50	50.00	0.0230				
1377643	50.00	51.50	0.0150				
1377644	51.50	53.00	0.0160				
1377645	53.00	54.50	0.0260				
1377646	54.50	56.00	0.0160				
1377647	56.00	57.50	0.0140				
1377648	57.50	59.00	0.0780				
1377649	59.00	60.50	0.0080				
1377651	60.50	62.00	0.0210				
1377652	62.00	63.00	0.0430				
1377653	63.00	64.50	0.0040				
1377654	64.50	66.00	0.1620				
1377655	66.00	67.50	0.1350				
1377657	67.50	69.00	0.0110				
1377658	69.00	70.00	0.2590				
1377659	70.00	71.50	0.0040				
1377661	71.50	73.00	0.0030				
303401	94.00	95.00		0.0005			
303402	95.00	96.00		0.0100			
303403	96.00	97.00		0.0250			
303404	97.00	98.00		0.0650			
303405	98.00	99.00		0.0250			
303407	99.00	100.00		0.0650			
303408	100.00	101.00		0.0710			
303409	101.00	102.00		0.0650			
303411	102.00	103.00		0.0660			
303412	103.00	104.00		0.1100			
303413	104.00	105.00		0.0070			
303414	105.00	106.00		0.0210			
303415	106.00	107.00		0.0110			
303416	107.00	108.00		0.0140			
303417	108.00	109.00		0.0050			

Hole Number: TL13331

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
303418	109.00	110.00					0.0340
303419	110.00	111.00					0.1210
303421	111.00	112.00					0.0360
303422	112.00	113.00					0.0200
303423	113.00	114.00					0.0270
303424	114.00	115.00					0.0810
303425	115.00	116.00					0.0550
303427	116.00	117.00					0.0330
303428	117.00	117.50					0.0160
1377662	117.50	119.00	0.0670				
1377663	119.00	120.50	0.1670				
1377664	120.50	121.50	1.1740				
1377665	121.50	123.00	0.6180				
1377666	123.00	124.50	0.2930				
1377667	124.50	126.00	0.4660				
1377668	126.00	127.50	0.3980				
1377669	127.50	129.00	0.3020				
1377671	129.00	130.00	0.2410				
1377672	130.00	131.00	0.0560				
1377673	131.00	132.50	0.0470				
1377674	132.50	133.50	0.0460				
1377675	133.50	135.00	0.7870				
1377677	135.00	136.00	0.0470				
1377678	136.00	137.00	0.8250				
1377679	137.00	138.50	0.0790				
1377681	138.50	140.00	0.0730				
1377682	140.00	141.00	0.2150				
1377683	141.00	142.00	0.1340				
1377684	142.00	143.00	0.0290				
1377685	143.00	144.00	0.2470				
1377686	144.00	145.50	0.1730				
Sample Type	CDUP						
1377616	22.00	23.00	0.1060				
1377636	42.00	43.50	0.2880				
1377656	66.00	67.50	0.0980				
303406	98.00	99.00					0.0440
303426	115.00	116.00					0.0520
1377676	133.50	135.00	0.5080				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13331	9.0	10.5	1377605	0.50	2.40	3.00	392.00	1.00	0.50	0.84	2.00	8.00	29.00	24.00	1.70	0.65	6.00	0.37	299.00
TL13331	10.5	12.0	1377606	0.50	3.04	7.00	409.00	1.00	8.00	0.93	2.00	6.00	24.00	33.00	1.51	0.61	8.00	0.61	428.00
TL13331	12.0	13.5	1377607	0.50	2.59	7.00	414.00	1.00	11.00	1.17	2.00	7.00	29.00	19.00	1.69	0.48	8.00	0.64	498.00
TL13331	13.5	15.0	1377608	0.50	1.97	6.00	386.00	1.00	22.00	0.72	2.00	8.00	36.00	23.00	1.76	0.34	7.00	0.44	375.00
TL13331	15.0	16.5	1377609	0.50	2.76	4.00	443.00	1.00	20.00	0.93	2.00	7.00	28.00	19.00	1.44	0.44	10.00	0.62	415.00
TL13331	16.5	18.0	1377611	0.50	3.18	10.00	588.00	1.00	31.00	0.77	2.00	12.00	36.00	10.00	0.93	0.44	9.00	0.51	234.00
TL13331	18.0	19.5	1377612	0.50	3.77	12.00	371.00	2.00	30.00	1.67	2.00	8.00	46.00	15.00	1.21	0.34	8.00	0.68	483.00
TL13331	19.5	21.0	1377613	0.50	4.08	25.00	363.00	1.00	18.00	1.50	2.00	6.00	31.00	8.00	1.52	0.49	9.00	0.70	484.00
TL13331	21.0	22.0	1377614	0.50	8.58	24.00	481.00	1.00	46.00	1.61	2.00	5.00	54.00	21.00	1.62	0.62	27.00	0.89	395.00
TL13331	22.0	23.0	1377615	0.50	4.17	25.00	368.00	1.00	18.00	0.42	2.00	5.00	36.00	10.00	1.15	0.66	12.00	0.74	456.00
TL13331	22.0	23.0	1377616	1.00	3.90	19.00	355.00	2.00	17.00	0.38	2.00	5.00	34.00	9.00	1.07	0.51	11.00	0.71	406.00
TL13331	23.0	24.0	1377617	3.00	3.95	29.00	366.00	1.00	24.00	0.71	2.00	12.00	41.00	27.00	1.18	0.57	8.00	0.67	432.00
TL13331	24.0	25.0	1377618	7.00	2.97	29.00	326.00	1.00	9.00	0.33	2.00	24.00	30.00	78.00	0.83	0.60	7.00	0.55	309.00
TL13331	25.0	26.0	1377619	4.00	2.84	29.00	301.00	1.00	11.00	0.54	2.00	32.00	27.00	83.00	0.96	0.63	8.00	0.70	553.00
TL13331	26.0	27.0	1377621	3.00	1.96	22.00	281.00	1.00	0.50	0.28	2.00	12.00	29.00	36.00	0.76	0.69	7.00	0.53	398.00
TL13331	27.0	28.0	1377622	1.00	4.08	16.00	399.00	1.00	31.00	0.89	2.00	9.00	31.00	27.00	0.99	0.55	10.00	0.65	618.00
TL13331	28.0	29.0	1377623	27.00	4.21	25.00	475.00	1.00	13.00	0.42	5.00	5.00	24.00	76.00	1.12	0.69	10.00	0.44	351.00
TL13331	29.0	30.0	1377624	41.00	1.99	40.00	319.00	1.00	21.00	0.19	15.00	6.00	33.00	610.00	2.11	0.46	5.00	0.36	353.00
TL13331	30.0	31.0	1377625	7.00	2.06	19.00	315.00	1.00	33.00	0.23	4.00	5.00	22.00	58.00	1.24	0.41	6.00	0.39	338.00
TL13331	31.0	32.0	1377626	1.00	3.48	11.00	356.00	1.00	28.00	1.00	2.00	3.00	28.00	12.00	1.28	0.30	10.00	0.82	875.00
TL13331	32.0	33.0	1377627	5.00	2.80	16.00	290.00	1.00	50.00	0.87	2.00	4.00	33.00	10.00	1.32	0.22	7.00	0.69	726.00
TL13331	33.0	34.5	1377628	10.00	1.85	15.00	275.00	1.00	24.00	0.49	2.00	4.00	26.00	22.00	1.26	0.36	7.00	0.61	679.00
TL13331	34.5	36.0	1377629	9.00	2.47	8.00	330.00	1.00	31.00	0.48	2.00	8.00	34.00	60.00	1.46	0.35	7.00	0.57	572.00
TL13331	36.0	37.5	1377631	6.00	1.42	19.00	293.00	1.00	31.00	0.33	2.00	6.00	33.00	43.00	1.79	0.76	6.00	0.57	578.00
TL13331	37.5	39.0	1377632	0.50	1.66	20.00	306.00	1.00	16.00	0.44	2.00	4.00	30.00	16.00	1.35	0.69	5.00	0.49	462.00
TL13331	39.0	40.5	1377633	1.00	3.72	19.00	416.00	1.00	8.00	0.55	2.00	5.00	25.00	42.00	1.44	0.31	9.00	0.49	410.00
TL13331	40.5	42.0	1377634	2.00	3.85	31.00	359.00	1.00	14.00	0.42	2.00	5.00	32.00	43.00	1.09	0.33	6.00	0.40	320.00
TL13331	42.0	43.5	1377635	2.00	4.03	38.00	339.00	1.00	42.00	0.84	2.00	11.00	45.00	17.00	1.34	0.40	8.00	0.61	733.00
TL13331	42.0	43.5	1377636	3.00	2.83	40.00	291.00	1.00	54.00	0.71	2.00	10.00	49.00	16.00	1.37	0.43	6.00	0.61	718.00
TL13331	43.5	45.0	1377637	2.00	1.36	20.00	217.00	1.00	17.00	0.22	2.00	8.00	52.00	22.00	1.69	0.39	7.00	0.53	631.00
TL13331	45.0	46.5	1377638	0.50	2.31	20.00	250.00	1.00	25.00	0.69	2.00	5.00	33.00	12.00	1.47	0.20	7.00	0.57	559.00
TL13331	46.5	47.5	1377639	0.50	2.25	17.00	284.00	1.00	10.00	0.56	2.00	6.00	27.00	7.00	1.37	0.49	8.00	0.49	367.00
TL13331	47.5	48.5	1377641	0.50	2.48	12.00	317.00	1.00	13.00	0.79	2.00	7.00	35.00	11.00	1.69	0.27	8.00	0.54	377.00
TL13331	48.5	50.0	1377642	0.50	1.16	3.00	269.00	1.00	18.00	1.18	2.00	7.00	32.00	13.00	1.67	0.31	8.00	0.71	321.00
TL13331	50.0	51.5	1377643	0.50	1.46	6.00	277.00	1.00	0.50	1.38	2.00	7.00	33.00	10.00	1.43	0.41	7.00	0.86	267.00
TL13331	51.5	53.0	1377644	0.50	2.07	6.00	230.00	1.00	26.00	2.20	2.00	7.00	28.00	10.00	1.67	0.47	5.00	1.22	440.00
TL13331	53.0	54.5	1377645	0.50	3.39	12.00	293.00	1.00	2.00	1.69	2.00	6.00	27.00	7.00	1.34	0.44	10.00	1.12	722.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13331	9.0	10.5	1377605	3.00	32.00	403.00	13.00	0.58	2.50	5.00	5.00	128.00	1457.00	1.00	31.00	5.00	5.00	75.00
TL13331	10.5	12.0	1377606	2.00	24.00	384.00	28.00	0.50	2.50	2.50	5.00	105.00	1441.00	1.00	27.00	5.00	5.00	90.00
TL13331	12.0	13.5	1377607	2.00	33.00	401.00	23.00	0.40	2.50	5.00	5.00	111.00	1510.00	2.00	30.00	5.00	5.00	67.00
TL13331	13.5	15.0	1377608	5.00	45.00	426.00	8.00	0.47	2.50	2.50	5.00	83.00	1526.00	1.00	31.00	5.00	5.00	58.00
TL13331	15.0	16.5	1377609	3.00	37.00	497.00	12.00	0.41	2.50	2.50	5.00	116.00	1587.00	1.00	34.00	5.00	5.00	316.00
TL13331	16.5	18.0	1377611	5.00	56.00	579.00	27.00	0.42	2.50	6.00	5.00	118.00	1746.00	1.00	35.00	5.00	4.00	161.00
TL13331	18.0	19.5	1377612	6.00	61.00	469.00	36.00	0.40	2.50	2.50	5.00	131.00	1503.00	1.00	28.00	5.00	4.00	109.00
TL13331	19.5	21.0	1377613	3.00	33.00	493.00	18.00	0.70	2.50	8.00	5.00	99.00	1591.00	1.00	31.00	5.00	5.00	61.00
TL13331	21.0	22.0	1377614	8.00	72.00	463.00	20.00	0.53	2.50	14.00	5.00	136.00	1826.00	1.00	34.00	11.00	9.00	68.00
TL13331	22.0	23.0	1377615	8.00	44.00	413.00	38.00	0.55	2.50	5.00	5.00	46.00	1572.00	1.00	28.00	5.00	5.00	121.00
TL13331	22.0	23.0	1377616	7.00	43.00	412.00	49.00	0.50	2.50	8.00	5.00	42.00	1494.00	1.00	27.00	5.00	4.00	126.00
TL13331	23.0	24.0	1377617	7.00	58.00	413.00	118.00	0.73	2.50	6.00	5.00	56.00	1446.00	1.00	27.00	5.00	4.00	110.00
TL13331	24.0	25.0	1377618	3.00	55.00	392.00	161.00	0.54	2.50	6.00	5.00	54.00	1360.00	1.00	23.00	10.00	4.00	468.00
TL13331	25.0	26.0	1377619	3.00	56.00	384.00	73.00	0.48	2.50	11.00	5.00	60.00	1425.00	1.00	25.00	5.00	4.00	337.00
TL13331	26.0	27.0	1377621	4.00	46.00	372.00	49.00	0.35	2.50	2.50	5.00	46.00	1234.00	1.00	20.00	5.00	3.00	160.00
TL13331	27.0	28.0	1377622	4.00	42.00	407.00	54.00	0.43	2.50	7.00	5.00	98.00	1575.00	2.00	28.00	5.00	4.00	56.00
TL13331	28.0	29.0	1377623	2.00	24.00	361.00	466.00	0.86	7.00	2.50	5.00	78.00	1592.00	1.00	26.00	36.00	4.00	2046.00
TL13331	29.0	30.0	1377624	5.00	36.00	271.00	2814.00	2.30	14.00	2.50	5.00	41.00	1069.00	1.00	20.00	97.00	3.00	7422.00
TL13331	30.0	31.0	1377625	2.00	25.00	336.00	583.00	1.04	5.00	2.50	5.00	48.00	1203.00	1.00	23.00	22.00	3.00	1365.00
TL13331	31.0	32.0	1377626	4.00	31.00	426.00	43.00	0.53	2.50	2.50	5.00	96.00	1286.00	1.00	31.00	5.00	5.00	80.00
TL13331	32.0	33.0	1377627	4.00	38.00	406.00	43.00	0.64	2.50	2.50	5.00	93.00	1172.00	1.00	27.00	5.00	4.00	121.00
TL13331	33.0	34.5	1377628	3.00	31.00	373.00	99.00	0.60	2.50	2.50	5.00	66.00	1307.00	1.00	26.00	5.00	4.00	368.00
TL13331	34.5	36.0	1377629	4.00	44.00	383.00	113.00	0.58	2.50	7.00	5.00	62.00	1416.00	3.00	27.00	5.00	4.00	200.00
TL13331	36.0	37.5	1377631	3.00	38.00	388.00	126.00	1.02	2.50	2.50	5.00	41.00	1316.00	1.00	25.00	5.00	4.00	222.00
TL13331	37.5	39.0	1377632	4.00	34.00	378.00	22.00	0.66	2.50	2.50	5.00	40.00	1232.00	1.00	24.00	5.00	4.00	49.00
TL13331	39.0	40.5	1377633	4.00	29.00	556.00	184.00	0.67	2.50	2.50	5.00	57.00	1857.00	1.00	33.00	5.00	5.00	83.00
TL13331	40.5	42.0	1377634	4.00	34.00	352.00	181.00	0.72	2.50	2.50	5.00	51.00	1549.00	1.00	28.00	5.00	4.00	134.00
TL13331	42.0	43.5	1377635	6.00	52.00	317.00	66.00	0.79	2.50	10.00	5.00	66.00	1476.00	1.00	28.00	5.00	5.00	83.00
TL13331	42.0	43.5	1377636	6.00	58.00	325.00	110.00	0.80	2.50	8.00	5.00	57.00	1329.00	1.00	26.00	5.00	5.00	71.00
TL13331	43.5	45.0	1377637	5.00	55.00	378.00	29.00	0.64	2.50	2.50	5.00	30.00	1388.00	1.00	28.00	5.00	5.00	93.00
TL13331	45.0	46.5	1377638	1.00	19.00	346.00	17.00	0.49	2.50	2.50	5.00	75.00	1420.00	1.00	28.00	5.00	4.00	142.00
TL13331	46.5	47.5	1377639	0.50	16.00	378.00	15.00	0.59	2.50	2.50	5.00	72.00	1507.00	1.00	31.00	5.00	5.00	62.00
TL13331	47.5	48.5	1377641	0.50	21.00	409.00	13.00	0.60	2.50	2.50	5.00	84.00	1512.00	1.00	33.00	5.00	6.00	91.00
TL13331	48.5	50.0	1377642	0.50	20.00	403.00	13.00	0.36	2.50	2.50	5.00	74.00	1692.00	1.00	30.00	5.00	5.00	66.00
TL13331	50.0	51.5	1377643	0.50	17.00	390.00	11.00	0.29	2.50	2.50	5.00	77.00	1783.00	1.00	33.00	5.00	5.00	29.00
TL13331	51.5	53.0	1377644	0.50	16.00	352.00	22.00	0.27	2.50	2.50	5.00	101.00	1714.00	1.00	32.00	5.00	5.00	55.00
TL13331	53.0	54.5	1377645	0.50	16.00	382.00	17.00	0.31	2.50	6.00	5.00	115.00	1509.00	5.00	29.00	5.00	5.00	55.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13331	54.5	56.0	1377646	2.00	2.55	14.00	193.00	1.00	6.00	1.10	2.00	4.00	26.00	16.00	1.13	0.53	10.00	1.10	737.00
TL13331	56.0	57.5	1377647	2.00	2.55	11.00	230.00	1.00	13.00	0.60	2.00	3.00	15.00	3.00	0.58	0.52	10.00	0.69	397.00
TL13331	57.5	59.0	1377648	7.00	2.76	19.00	293.00	1.00	9.00	0.50	2.00	5.00	13.00	8.00	1.33	0.54	8.00	0.74	434.00
TL13331	59.0	60.5	1377649	2.00	3.47	38.00	234.00	1.00	8.00	1.05	2.00	5.00	15.00	13.00	2.90	0.43	11.00	1.10	757.00
TL13331	60.5	62.0	1377651	2.00	2.31	11.00	238.00	1.00	27.00	0.44	2.00	7.00	22.00	19.00	3.02	0.46	14.00	1.02	727.00
TL13331	62.0	63.0	1377652	2.00	2.23	13.00	251.00	1.00	0.50	0.86	2.00	8.00	27.00	17.00	4.32	0.42	16.00	1.04	814.00
TL13331	63.0	64.5	1377653	0.50	2.42	5.00	373.00	1.00	27.00	0.50	2.00	4.00	13.00	10.00	1.29	0.68	12.00	0.69	386.00
TL13331	64.5	66.0	1377654	8.00	1.62	17.00	193.00	1.00	17.00	0.13	2.00	3.00	17.00	16.00	1.03	0.79	3.00	0.33	180.00
TL13331	66.0	67.5	1377655	11.00	3.04	9.00	238.00	1.00	1.00	0.70	2.00	4.00	25.00	7.00	0.94	0.58	8.00	0.62	286.00
TL13331	66.0	67.5	1377656	8.00	1.28	11.00	166.00	1.00	50.00	0.52	2.00	3.00	18.00	5.00	0.86	0.49	5.00	0.59	279.00
TL13331	67.5	69.0	1377657	0.50	0.36	6.00	91.00	1.00	0.50	0.59	2.00	2.00	7.00	3.00	0.74	0.01	0.50	0.35	114.00
TL13331	69.0	70.0	1377658	18.00	1.56	9.00	163.00	1.00	58.00	0.76	2.00	3.00	15.00	8.00	0.91	0.49	5.00	0.49	197.00
TL13331	70.0	71.5	1377659	0.50	2.22	6.00	240.00	1.00	8.00	0.75	2.00	3.00	15.00	3.00	0.89	0.29	9.00	0.70	216.00
TL13331	71.5	73.0	1377661	0.50	2.55	6.00	188.00	1.00	26.00	1.36	2.00	3.00	15.00	3.00	1.09	0.19	10.00	0.95	254.00
TL13331	94.0	95.0	303401	0.50	4.62	9.00	498.00	2.00	2.00	2.54	2.00	9.00	3.00	8.00	2.01	0.10	17.00	1.07	540.00
TL13331	95.0	96.0	303402	0.50	5.01	26.00	561.00	1.00	31.00	1.97	2.00	10.00	8.00	10.00	1.94	0.11	20.00	1.07	642.00
TL13331	96.0	97.0	303403	0.50	4.66	30.00	560.00	1.00	14.00	1.63	2.00	16.00	62.00	21.00	2.58	0.03	23.00	1.07	625.00
TL13331	97.0	98.0	303404	0.50	5.54	18.00	489.00	2.00	27.00	0.76	2.00	27.00	142.00	46.00	4.59	0.01	24.00	1.39	621.00
TL13331	98.0	99.0	303405	0.50	4.85	14.00	451.00	2.00	22.00	1.78	2.00	21.00	130.00	35.00	3.77	0.01	18.00	1.24	770.00
TL13331	98.0	99.0	303406	0.50	5.52	10.00	469.00	2.00	25.00	1.94	2.00	23.00	130.00	36.00	3.85	0.02	21.00	1.42	880.00
TL13331	99.0	100.0	303407	0.50	4.65	3.00	527.00	2.00	9.00	1.28	2.00	24.00	133.00	47.00	4.03	0.45	23.00	1.41	988.00
TL13331	100.0	101.0	303408	0.50	4.71	9.00	510.00	2.00	21.00	1.44	2.00	22.00	123.00	41.00	3.42	0.39	22.00	1.29	848.00
TL13331	101.0	102.0	303409	1.00	4.32	14.00	587.00	2.00	15.00	1.51	2.00	14.00	69.00	26.00	2.26	0.63	18.00	1.13	894.00
TL13331	102.0	103.0	303411	0.50	4.58	17.00	510.00	2.00	26.00	1.86	2.00	22.00	108.00	66.00	3.19	0.25	16.00	1.25	910.00
TL13331	103.0	104.0	303412	0.50	4.91	40.00	560.00	2.00	28.00	1.23	2.00	21.00	108.00	52.00	3.23	0.23	19.00	1.06	597.00
TL13331	104.0	105.0	303413	0.50	3.63	17.00	529.00	1.00	6.00	1.68	2.00	9.00	3.00	10.00	1.64	0.14	13.00	0.83	259.00
TL13331	105.0	106.0	303414	0.50	3.35	19.00	496.00	1.00	15.00	1.71	2.00	8.00	2.00	5.00	1.71	0.20	14.00	0.68	265.00
TL13331	106.0	107.0	303415	0.50	4.08	23.00	558.00	1.00	16.00	1.95	2.00	9.00	0.50	3.00	1.95	0.03	16.00	0.85	325.00
TL13331	107.0	108.0	303416	0.50	3.89	38.00	471.00	1.00	21.00	1.81	2.00	9.00	14.00	4.00	1.77	0.01	11.00	0.95	363.00
TL13331	108.0	109.0	303417	0.50	4.79	31.00	558.00	1.00	21.00	1.93	2.00	8.00	1.00	4.00	1.78	0.07	15.00	1.04	404.00
TL13331	109.0	110.0	303418	0.50	4.18	43.00	765.00	2.00	16.00	1.94	2.00	11.00	17.00	13.00	2.21	0.46	16.00	1.07	604.00
TL13331	110.0	111.0	303419	0.50	4.67	86.00	662.00	2.00	19.00	1.62	2.00	20.00	91.00	48.00	3.01	0.55	13.00	0.90	524.00
TL13331	111.0	112.0	303421	0.50	4.12	43.00	483.00	2.00	14.00	2.49	2.00	13.00	34.00	17.00	2.37	0.52	14.00	1.27	581.00
TL13331	112.0	113.0	303422	0.50	4.25	21.00	584.00	2.00	27.00	2.76	2.00	9.00	5.00	2.00	1.90	0.43	16.00	1.36	567.00
TL13331	113.0	114.0	303423	0.50	3.98	29.00	495.00	2.00	28.00	2.03	2.00	9.00	4.00	3.00	1.78	0.39	16.00	1.16	481.00
TL13331	114.0	115.0	303424	0.50	4.10	34.00	528.00	2.00	16.00	2.02	2.00	16.00	50.00	31.00	2.19	0.29	17.00	1.07	520.00
TL13331	115.0	116.0	303426	0.50	4.36	41.00	391.00	2.00	15.00	1.73	2.00	9.00	4.00	11.00	1.69	0.01	15.00	0.92	378.00
TL13331	115.0	116.0	303425	0.50	3.84	41.00	387.00	2.00	17.00	1.68	2.00	10.00	5.00	13.00	1.69	0.16	14.00	0.88	373.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13331	54.5	56.0	1377646	0.50	17.00	363.00	18.00	0.45	2.50	12.00	5.00	85.00	1032.00	1.00	20.00	5.00	5.00	43.00
TL13331	56.0	57.5	1377647	0.50	10.00	336.00	18.00	0.20	2.50	5.00	5.00	64.00	1149.00	2.00	20.00	5.00	3.00	19.00
TL13331	57.5	59.0	1377648	0.50	10.00	334.00	25.00	0.96	2.50	2.50	5.00	63.00	1344.00	1.00	26.00	5.00	4.00	61.00
TL13331	59.0	60.5	1377649	0.50	13.00	367.00	16.00	1.75	2.50	2.50	5.00	87.00	1487.00	1.00	30.00	5.00	5.00	70.00
TL13331	60.5	62.0	1377651	0.50	15.00	420.00	13.00	1.05	2.50	2.50	5.00	51.00	1592.00	1.00	33.00	5.00	6.00	81.00
TL13331	62.0	63.0	1377652	0.50	16.00	346.00	17.00	1.62	2.50	9.00	5.00	71.00	1518.00	1.00	34.00	5.00	9.00	131.00
TL13331	63.0	64.5	1377653	0.50	8.00	414.00	12.00	0.28	2.50	7.00	5.00	62.00	1500.00	1.00	32.00	5.00	5.00	56.00
TL13331	64.5	66.0	1377654	0.50	11.00	313.00	81.00	0.86	2.50	2.50	5.00	37.00	870.00	1.00	18.00	5.00	3.00	192.00
TL13331	66.0	67.5	1377655	2.00	23.00	366.00	74.00	0.69	2.50	2.50	5.00	71.00	1182.00	1.00	26.00	5.00	4.00	39.00
TL13331	66.0	67.5	1377656	0.50	16.00	361.00	47.00	0.66	2.50	2.50	5.00	53.00	911.00	1.00	19.00	5.00	3.00	29.00
TL13331	67.5	69.0	1377657	0.50	7.00	240.00	13.00	0.47	2.50	2.50	5.00	79.00	583.00	1.00	12.00	5.00	2.00	41.00
TL13331	69.0	70.0	1377658	0.50	13.00	362.00	31.00	0.54	2.50	6.00	5.00	99.00	868.00	1.00	17.00	5.00	3.00	77.00
TL13331	70.0	71.5	1377659	0.50	10.00	333.00	14.00	0.52	2.50	7.00	5.00	84.00	1125.00	1.00	21.00	5.00	3.00	17.00
TL13331	71.5	73.0	1377661	0.50	9.00	290.00	10.00	0.43	2.50	2.50	5.00	126.00	1011.00	1.00	19.00	5.00	3.00	21.00
TL13331	94.0	95.0	303401	0.50	7.00	563.00	24.00	0.27	6.00	20.00	10.00	187.00	1767.00	1.00	37.00	5.00	7.00	56.00
TL13331	95.0	96.0	303402	0.50	8.00	576.00	45.00	0.47	5.00	16.00	11.00	177.00	1929.00	1.00	37.00	5.00	7.00	94.00
TL13331	96.0	97.0	303403	0.50	29.00	545.00	28.00	0.61	2.50	20.00	12.00	176.00	2213.00	1.00	67.00	5.00	8.00	93.00
TL13331	97.0	98.0	303404	0.50	75.00	520.00	34.00	1.12	5.00	16.00	5.00	159.00	2464.00	1.00	117.00	5.00	11.00	103.00
TL13331	98.0	99.0	303405	0.50	63.00	551.00	35.00	0.87	5.00	11.00	12.00	223.00	1845.00	1.00	101.00	5.00	11.00	85.00
TL13331	98.0	99.0	303406	0.50	64.00	575.00	37.00	0.79	2.50	14.00	5.00	233.00	2027.00	1.00	103.00	5.00	12.00	100.00
TL13331	99.0	100.0	303407	0.50	63.00	517.00	27.00	0.42	2.50	2.50	11.00	176.00	2162.00	1.00	102.00	5.00	11.00	98.00
TL13331	100.0	101.0	303408	0.50	52.00	508.00	37.00	0.51	2.50	7.00	10.00	186.00	2372.00	1.00	89.00	5.00	10.00	77.00
TL13331	101.0	102.0	303409	0.50	34.00	390.00	91.00	0.29	5.00	11.00	11.00	175.00	1882.00	1.00	53.00	5.00	12.00	178.00
TL13331	102.0	103.0	303411	0.50	48.00	448.00	66.00	0.70	5.00	6.00	11.00	183.00	2533.00	1.00	79.00	5.00	13.00	101.00
TL13331	103.0	104.0	303412	0.50	53.00	498.00	91.00	0.99	7.00	15.00	12.00	142.00	2541.00	1.00	80.00	10.00	14.00	177.00
TL13331	104.0	105.0	303413	0.50	7.00	524.00	7.00	0.38	2.50	12.00	5.00	173.00	1740.00	1.00	34.00	5.00	6.00	43.00
TL13331	105.0	106.0	303414	0.50	7.00	528.00	11.00	0.31	2.50	16.00	5.00	165.00	1675.00	1.00	35.00	5.00	5.00	43.00
TL13331	106.0	107.0	303415	0.50	8.00	542.00	14.00	0.42	2.50	13.00	10.00	164.00	1780.00	1.00	35.00	5.00	6.00	51.00
TL13331	107.0	108.0	303416	0.50	9.00	525.00	17.00	0.49	2.50	16.00	5.00	146.00	1581.00	1.00	34.00	5.00	6.00	72.00
TL13331	108.0	109.0	303417	0.50	8.00	564.00	16.00	0.48	2.50	13.00	13.00	163.00	1894.00	1.00	36.00	5.00	7.00	40.00
TL13331	109.0	110.0	303418	0.50	13.00	543.00	38.00	0.80	2.50	13.00	5.00	163.00	2061.00	1.00	42.00	5.00	7.00	207.00
TL13331	110.0	111.0	303419	0.50	42.00	507.00	36.00	1.06	5.00	18.00	5.00	143.00	2460.00	2.00	77.00	5.00	11.00	124.00
TL13331	111.0	112.0	303421	0.50	24.00	508.00	26.00	0.65	5.00	2.50	5.00	153.00	2096.00	1.00	50.00	5.00	9.00	40.00
TL13331	112.0	113.0	303422	0.50	8.00	526.00	18.00	0.48	2.50	25.00	5.00	156.00	1994.00	1.00	36.00	5.00	6.00	52.00
TL13331	113.0	114.0	303423	0.50	7.00	508.00	28.00	0.51	6.00	10.00	5.00	129.00	1917.00	1.00	34.00	5.00	6.00	56.00
TL13331	114.0	115.0	303424	0.50	31.00	524.00	18.00	0.63	2.50	9.00	5.00	146.00	2360.00	1.00	61.00	5.00	8.00	71.00
TL13331	115.0	116.0	303426	0.50	8.00	525.00	5.00	0.44	2.50	26.00	5.00	137.00	2029.00	1.00	35.00	5.00	6.00	52.00
TL13331	115.0	116.0	303425	0.50	8.00	503.00	11.00	0.44	2.50	13.00	5.00	134.00	2027.00	1.00	36.00	5.00	6.00	52.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13331	116.0	117.0	303427	0.50	4.22	49.00	407.00	2.00	23.00	1.58	2.00	9.00	16.00	9.00	1.52	0.14	14.00	0.95	404.00
TL13331	117.0	117.5	303428	0.50	4.61	38.00	368.00	2.00	14.00	2.16	2.00	10.00	4.00	6.00	1.86	0.06	16.00	1.24	472.00
TL13331	117.5	119.0	1377662	0.50	4.90	32.00	288.00	2.00	15.00	1.42	2.00	12.00	65.00	52.00	2.47	0.22	12.00	1.10	377.00
TL13331	119.0	120.5	1377663	0.50	4.15	10.00	218.00	1.00	25.00	0.86	2.00	22.00	125.00	75.00	4.06	0.35	13.00	1.53	630.00
TL13331	120.5	121.5	1377664	4.00	3.75	79.00	224.00	2.00	16.00	0.15	5.00	15.00	128.00	55.00	2.23	0.34	3.00	0.28	50.00
TL13331	121.5	123.0	1377665	0.50	3.78	64.00	268.00	2.00	14.00	0.35	2.00	15.00	127.00	39.00	2.52	0.42	5.00	0.57	185.00
TL13331	123.0	124.5	1377666	0.50	3.40	25.00	236.00	2.00	25.00	0.89	2.00	16.00	100.00	50.00	2.95	0.61	7.00	1.08	505.00
TL13331	124.5	126.0	1377667	2.00	4.03	37.00	285.00	1.00	19.00	1.08	2.00	6.00	27.00	31.00	1.44	0.56	12.00	0.82	408.00
TL13331	126.0	127.5	1377668	1.00	4.35	46.00	309.00	2.00	18.00	0.94	2.00	8.00	48.00	28.00	1.59	0.75	12.00	0.75	366.00
TL13331	127.5	129.0	1377669	0.50	4.85	69.00	294.00	1.00	19.00	0.72	2.00	15.00	126.00	45.00	2.54	0.87	15.00	0.95	348.00
TL13331	129.0	130.0	1377671	2.00	4.66	67.00	335.00	2.00	38.00	1.16	11.00	16.00	126.00	113.00	3.34	0.65	17.00	1.18	511.00
TL13331	130.0	131.0	1377672	0.50	4.44	45.00	371.00	1.00	25.00	1.50	2.00	7.00	36.00	12.00	1.66	0.48	17.00	0.99	500.00
TL13331	131.0	132.5	1377673	0.50	5.95	28.00	415.00	1.00	18.00	2.25	2.00	7.00	26.00	6.00	1.70	0.85	19.00	1.21	478.00
TL13331	132.5	133.5	1377674	0.50	5.47	30.00	456.00	1.00	30.00	2.45	2.00	6.00	22.00	32.00	1.65	1.04	17.00	1.33	735.00
TL13331	133.5	135.0	1377676	1.00	2.93	44.00	323.00	1.00	25.00	1.07	2.00	5.00	20.00	66.00	1.63	0.47	10.00	0.78	424.00
TL13331	133.5	135.0	1377675	1.00	4.27	47.00	392.00	2.00	32.00	1.17	2.00	6.00	22.00	83.00	1.62	0.75	14.00	0.81	418.00
TL13331	135.0	136.0	1377677	0.50	3.50	33.00	364.00	1.00	18.00	1.63	2.00	6.00	21.00	7.00	1.47	0.55	10.00	1.15	545.00
TL13331	136.0	137.0	1377678	5.00	3.29	50.00	339.00	2.00	33.00	0.99	11.00	6.00	26.00	201.00	2.00	0.51	10.00	0.72	381.00
TL13331	137.0	138.5	1377679	0.50	4.02	44.00	330.00	2.00	23.00	2.00	2.00	11.00	69.00	30.00	2.27	0.49	11.00	1.32	797.00
TL13331	138.5	140.0	1377681	0.50	2.13	65.00	225.00	1.00	11.00	0.96	2.00	17.00	97.00	50.00	3.21	0.34	6.00	1.01	461.00
TL13331	140.0	141.0	1377682	8.00	2.15	12.00	240.00	1.00	34.00	1.26	2.00	8.00	46.00	64.00	2.05	0.43	6.00	0.93	462.00
TL13331	141.0	142.0	1377683	0.50	2.90	25.00	261.00	1.00	13.00	1.26	2.00	6.00	26.00	21.00	1.38	0.39	9.00	0.83	402.00
TL13331	142.0	143.0	1377684	0.50	3.31	24.00	258.00	1.00	15.00	1.37	2.00	6.00	24.00	8.00	1.31	0.46	11.00	0.92	388.00
TL13331	143.0	144.0	1377685	1.00	3.32	59.00	311.00	2.00	19.00	1.32	4.00	6.00	26.00	62.00	2.22	0.58	14.00	0.89	450.00
TL13331	144.0	145.5	1377686	0.50	3.56	44.00	304.00	1.00	7.00	1.84	2.00	6.00	22.00	64.00	1.69	0.64	11.00	1.18	563.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13331	116.0	117.0	303427	0.50	7.00	509.00	10.00	0.37	2.50	20.00	5.00	112.00	1974.00	1.00	33.00	5.00	6.00	52.00
TL13331	117.0	117.5	303428	0.50	8.00	536.00	9.00	0.45	6.00	20.00	10.00	110.00	1988.00	1.00	35.00	5.00	6.00	37.00
TL13331	117.5	119.0	1377662	2.00	43.00	488.00	19.00	0.85	2.50	10.00	5.00	63.00	1540.00	5.00	54.00	5.00	7.00	315.00
TL13331	119.0	120.5	1377663	3.00	84.00	471.00	34.00	1.11	2.50	2.50	5.00	48.00	1675.00	1.00	75.00	5.00	9.00	222.00
TL13331	120.5	121.5	1377664	3.00	48.00	464.00	202.00	1.51	2.50	7.00	5.00	30.00	950.00	6.00	64.00	29.00	7.00	1390.00
TL13331	121.5	123.0	1377665	5.00	78.00	404.00	56.00	1.52	2.50	2.50	5.00	32.00	1170.00	1.00	69.00	12.00	7.00	274.00
TL13331	123.0	124.5	1377666	5.00	71.00	444.00	33.00	1.10	2.50	5.00	5.00	38.00	1398.00	1.00	54.00	5.00	9.00	109.00
TL13331	124.5	126.0	1377667	0.50	27.00	478.00	179.00	0.79	2.50	2.50	5.00	61.00	1108.00	1.00	25.00	11.00	7.00	381.00
TL13331	126.0	127.5	1377668	3.00	37.00	464.00	138.00	0.89	5.00	7.00	5.00	60.00	1359.00	3.00	35.00	12.00	7.00	247.00
TL13331	127.5	129.0	1377669	3.00	69.00	511.00	64.00	1.40	2.50	6.00	5.00	57.00	1810.00	1.00	66.00	11.00	13.00	177.00
TL13331	129.0	130.0	1377671	3.00	64.00	457.00	247.00	1.88	2.50	2.50	5.00	71.00	1992.00	1.00	75.00	54.00	12.00	2722.00
TL13331	130.0	131.0	1377672	0.50	24.00	470.00	32.00	0.74	2.50	15.00	5.00	83.00	1588.00	2.00	37.00	5.00	7.00	77.00
TL13331	131.0	132.5	1377673	0.50	17.00	478.00	32.00	0.47	2.50	8.00	5.00	129.00	1571.00	4.00	33.00	5.00	7.00	57.00
TL13331	132.5	133.5	1377674	0.50	18.00	441.00	23.00	0.45	2.50	12.00	5.00	117.00	1329.00	12.00	30.00	5.00	7.00	54.00
TL13331	133.5	135.0	1377676	0.50	16.00	392.00	205.00	0.96	2.50	5.00	5.00	62.00	1181.00	1.00	24.00	12.00	5.00	510.00
TL13331	133.5	135.0	1377675	0.50	21.00	416.00	170.00	0.91	2.50	7.00	5.00	71.00	1416.00	1.00	29.00	19.00	6.00	715.00
TL13331	135.0	136.0	1377677	0.50	18.00	437.00	40.00	0.42	2.50	9.00	5.00	71.00	1326.00	2.00	26.00	5.00	5.00	95.00
TL13331	136.0	137.0	1377678	2.00	28.00	416.00	688.00	1.36	2.50	2.50	5.00	62.00	1245.00	1.00	26.00	55.00	6.00	2973.00
TL13331	137.0	138.5	1377679	2.00	55.00	469.00	54.00	0.91	2.50	2.50	5.00	85.00	1436.00	5.00	41.00	10.00	9.00	132.00
TL13331	138.5	140.0	1377681	1.00	75.00	427.00	46.00	1.59	2.50	2.50	5.00	56.00	1496.00	5.00	53.00	10.00	12.00	142.00
TL13331	140.0	141.0	1377682	0.50	39.00	405.00	586.00	0.75	2.50	2.50	5.00	58.00	1162.00	1.00	31.00	15.00	6.00	520.00
TL13331	141.0	142.0	1377683	1.00	29.00	418.00	41.00	0.46	2.50	8.00	5.00	67.00	1232.00	5.00	25.00	5.00	5.00	103.00
TL13331	142.0	143.0	1377684	0.50	26.00	435.00	25.00	0.44	2.50	14.00	5.00	72.00	1308.00	1.00	26.00	5.00	6.00	47.00
TL13331	143.0	144.0	1377685	0.50	26.00	386.00	115.00	1.29	2.50	5.00	5.00	61.00	1351.00	3.00	27.00	24.00	5.00	1152.00
TL13331	144.0	145.5	1377686	0.50	19.00	412.00	32.00	0.75	2.50	2.50	5.00	69.00	1238.00	9.00	25.00	5.00	6.00	205.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13331	9.0	21.8	12.8	PY	DISS	0.1	Trace disseminated pyrite
TL13331	21.8	48.4	26.7	PY	ST	3	3% py in 1-12mm wide stringers oriented semi-parallel to foliation
TL13331	21.8	48.4	26.7	CP	BLB	0.1	Trace to 1% cpy blebs found in and along margins of qtz veins and alongside gal
TL13331	21.8	48.4	26.7	PB	BLB	1	1% gal blebs found associated w/ sph in stringers and w/ cpy in qtz veins
TL13331	21.8	48.4	26.7	PY	DISS	2	2% disseminated py
TL13331	21.8	48.4	26.7	SPH	ST	3	3% sph in 1-9mm wide stringers oriented semi-parallel to foliation
TL13331	21.8	48.4	26.7	PO	BLB	0.1	Trace po blebs found w/ cpy in some qtz veins
TL13331	29.4	29.7	0.3	AU	BLB	0.1	1mm long sliver of VG at 29.62m depth along margin of qtz vein not found associated w/ other minerals and located between well mineralized intervals
TL13331	48.4	59.4	10.9	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13331	48.4	64.5	16.1	PY	DISS	0.1	Trace disseminated py
TL13331	59.4	64.5	5.1	PY	ST	3	3% py in 1-2mm wide stringers oriented semi-parallel to foliation in condensed patches
TL13331	59.4	64.5	5.1	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins w/ cpy
TL13331	59.4	64.5	5.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13331	64.5	71.4	7.0	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL13331	64.5	71.4	7.0	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13331	64.5	71.4	7.0	PY	DISS	0.1	Trace disseminated pyrite
TL13331	71.4	120.5	49.1	PY	ST	2	2% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13331	71.4	120.5	49.1	PY	DISS	1	1% disseminated py throughout the interval
TL13331	71.4	120.5	49.1	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13331	94.0	118.0	24.0	PY	BLB	4	3-4% blebs and stringers
TL13331	120.5	130.9	10.4	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13331	120.5	130.9	10.4	PY	DISS	2	2% disseminated py throughout
TL13331	120.5	130.9	10.4	PY	ST	2	2% py in 1-15mm wide stringers oriented semi-parallel to foliation
TL13331	120.5	130.9	10.4	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13331	130.9	189.0	58.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-chl veins
TL13331	130.9	189.0	58.1	PY	DISS	0.1	Trace disseminated py
TL13331	130.9	189.0	58.1	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13331	130.9	189.0	58.1	SPH	ST	0.1	Trace to 1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13331	130.9	189.0	58.1	PY	ST	2	2% py in 1-12mm wide stringers oriented semi-parallel to foliation
TL13331	130.9	189.0	58.1	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-chl veins

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13331	9.0	21.8	12.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13331	9.0	21.8	12.8	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13331	21.8	25.4	3.7	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13331	21.8	48.4	26.7	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13331	25.4	28.0	2.6	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13331	28.0	41.4	13.4	FOL	Strong	50	Strong foliation at 50 deg TCA
TL13331	41.4	48.4	7.0	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13331	48.4	64.5	16.1	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13331	48.4	64.5	16.1	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13331	64.5	71.4	7.0	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13331	64.5	71.4	7.0	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13331	71.4	84.0	12.6	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13331	71.4	120.5	49.1	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13331	84.0	120.5	36.5	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13331	87.4	87.5	0.1	Fold	Very Weak	25	V. weak F2 folding oriented semi-parallel to foliation
TL13331	120.5	130.9	10.4	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13331	130.9	189.0	58.1	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13331	130.9	189.0	58.1	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13331	9.0	21.8	12.8	SR	Patchy	Weak	Weak patchy ser alt, 35% ser to 65% bio
TL13331	9.0	21.8	12.8	SI	Patchy	Moderate	Moderate patchy sil alt
TL13331	21.8	24.2	2.5	Potassic	Patchy	Weak	Weak potassic alteration replacing sericite
TL13331	21.8	30.8	9.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13331	21.8	48.4	26.7	SI	Patchy	Strong	Strong patchy to semi-pervasive silicification
TL13331	30.8	33.5	2.7	SR	Patchy	Moderate	Moderate patchy ser alt, 45% ser, 55% bio
TL13331	33.5	48.4	14.9	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13331	48.4	58.3	9.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13331	48.4	60.0	11.6	SI	Pervasive	Very Strong	V. strong pervasive silicification
TL13331	58.3	59.5	1.2	SR	Patchy	Strong	Strong patch of ser alt, 70% ser to 30% bio
TL13331	59.5	64.5	5.0	SR	Patchy	Very Weak	V. weak patchy ser alt 20% ser to 80% bio
TL13331	60.0	63.0	3.0	SI	Patchy	Weak	Weak patchy sil alt
TL13331	63.0	64.5	1.5	SI	Patchy	Very Strong	V. strong patchy ser alt
TL13331	64.5	71.4	7.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13331	64.5	71.4	7.0	SI	Patchy	Moderate	Moderate patchy sil alt
TL13331	71.4	77.3	5.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13331	71.4	120.5	49.1	SI	Patchy	Strong	Strong patchy sil alt
TL13331	77.3	120.5	43.2	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL13331	120.5	125.2	4.7	SI	Patchy	Weak	Weak patchy sil alt
TL13331	120.5	130.9	10.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13331	125.2	130.9	5.7	SI	Patchy	Strong	Strong patchy sil alt
TL13331	130.9	148.0	17.1	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13331	130.9	148.0	17.1	SI	Patchy	Strong	Strong patchy sil alt
TL13331	148.0	189.0	41.0	SI	Pervasive	Very Strong	V. strong pervasive sil alt
TL13331	148.0	189.0	41.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13331	9	12	3	2.8	2.72	93.33	90.67	6	
TL13331	12	15	3	3.03	2.84	101	94.67	9	
TL13331	15	18	3	2.94	2.51	98	83.67	9	
TL13331	18	21	3	2.98	2.82	99.33	94	6	
TL13331	21	24	3	2.96	1.51	98.67	50.33	19	
TL13331	24	27	3	3.02	2.75	100.67	91.67	13	
TL13331	27	30	3	2.87	2.8	95.67	93.33	8	
TL13331	30	33	3	2.97	2.57	99	85.67	9	
TL13331	33	36	3	3	2.91	100	97	5	
TL13331	36	39	3	2.98	2.91	99.33	97	5	
TL13331	39	42	3	3.01	2.43	100.33	81	18	
TL13331	42	45	3	2.93	2.86	97.67	95.33	7	
TL13331	45	48	3	3	2.26	100	75.33		
TL13331	48	51	3	2.96	2.72	98.67	90.67	5	
TL13331	51	54	3	2.97	2.81	99	93.67	5	
TL13331	54	57	3	2.98	2.81	99.33	93.67	10	
TL13331	57	60	3	2.98	2.94	99.33	98	8	
TL13331	60	63	3	2.98	2.66	99.33	88.67	9	
TL13331	63	66	3	3.03	2.83	101	94.33	11	
TL13331	66	69	3	2.94	2.25	98	75	17	
TL13331	69	72	3	3.03	2.81	101	93.67	12	
TL13331	72	75	3	2.91	2.91	97	97	6	
TL13331	75	78	3	3	2.78	100	92.67	11	
TL13331	78	81	3	3.05	2.8	101.67	93.33	8	
TL13331	81	84	3	2.85	2.85	95	95	5	
TL13331	84	87	3	2.98	2.98	99.33	99.33	3	
TL13331	87	90	3	2.99	2.99	99.67	99.67	2	
TL13331	90	93	3	2.92	2.8	97.33	93.33	5	
TL13331	93	96	3	2.99	2.82	99.67	94	4	
TL13331	96	99	3	2.99	2.91	99.67	97	8	
TL13331	99	102	3	2.99	2.94	99.67	98	8	
TL13331	102	105	3	3.02	2.08	100.67	69.33	16	
TL13331	105	108	3	3.02	2.95	100.67	98.33	9	
TL13331	108	111	3	2.88	2.84	96	94.67	5	
TL13331	111	114	3	3.02	2.88	100.67	96	6	
TL13331	114	117	3	2.93	2.82	97.67	94	5	
TL13331	117	120	3	2.95	2.76	98.33	92	11	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13331	120	123	3	3.01	1.3	100.33	43.33	41	
TL13331	123	126	3	3.02	2.15	100.67	71.67	20	
TL13331	126	129	3	2.99	2.43	99.67	81	10	
TL13331	129	132	3	2.98	2.91	99.33	97	6	
TL13331	132	135	3	2.96	2.96	98.67	98.67	8	
TL13331	135	138	3	2.97	2.81	99	93.67	4	
TL13331	138	141	3	2.96	2.35	98.67	78.33	15	
TL13331	141	144	3	3.03	2.67	101	89	10	
TL13331	144	147	3	2.96	2.96	98.67	98.67	6	
TL13331	147	150	3	2.99	2.88	99.67	96	7	
TL13331	150	153	3	2.98	2.73	99.33	91	7	
TL13331	153	156	3	2.99	2.72	99.67	90.67	9	
TL13331	156	159	3	2.97	2.84	99	94.67	9	
TL13331	159	162	3	2.94	2.6	98	86.67	13	
TL13331	162	165	3	3.01	2.68	100.33	89.33	8	
TL13331	165	168	3	2.96	2.96	98.67	98.67	2	
TL13331	168	171	3	2.96	2.82	98.67	94	6	
TL13331	171	174	3	2.99	2.93	99.67	97.67	5	
TL13331	174	177	3	2.93	2.52	97.67	84	11	
TL13331	177	180	3	3.04	2.46	101.33	82	10	
TL13331	180	183	3	3.08	3.08	102.67	102.67	6	
TL13331	183	186	3	3	2.84	100	94.67	6	
TL13331	186	189	3	2.96	2.96	98.67	98.67	5	

DETAILED LOG

Hole Number: TL13332

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
9.00	38.50	BMS, Biotite Muscovite Schist	1377721	9.00	10.50	1.50	0.02				
		This BMS unit has moderate patchy sericitic alteration and moderate patchy silicification. This unit contains trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in narrow stringers, trace galena blebs and trace pyrrhotite blebs.	1377722	10.50	12.00	1.50	0.01				
			1377723	12.00	13.50	1.50	0.02				
			1377724	13.50	15.00	1.50	0.02				
			1377725	15.00	16.50	1.50	0.04				
			1377726	16.50	18.00	1.50	0.04				
			1377727	18.00	19.50	1.50	0.04				
			1377728	19.50	21.00	1.50	0.03				
			1377729	21.00	22.00	1.00	0.01				
			1377731	22.00	23.00	1.00	0.30				
			1377732	23.00	24.00	1.00	0.07				
			1377733	24.00	25.50	1.50	0.22				
			1377734	25.50	27.00	1.50	0.03				
			1377735	27.00	28.50	1.50	0.30				
			1377736	27.00	28.50	1.50	0.20				
			1377737	28.50	30.00	1.50	0.15				
			1377738	30.00	31.50	1.50	0.09				
		1377739	31.50	33.00	1.50	0.12					
		1377741	33.00	34.50	1.50	0.04					
		1377742	34.50	36.00	1.50	0.20					
		1377743	36.00	37.50	1.50	0.57					
		1377744	37.50	39.00	1.50	0.35					

DETAILED LOG

Hole Number: TL13332

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
38.50	76.95	MSS, Muscovite Sericite Schist	1377745	39.00	40.00	1.00	2.95				
		MSS Main and C-Zone from 38.5m-76.95m	1377746	40.00	41.00	1.00	15.41			14.37	
		This MSS unit encompasses both the main zone and the c-zone and has very strong pervasive sericitic alteration to very strong and patchy to strong and patchy to moderate and patchy sericitic alteration. The silicification in this unit also varies from weak and patchy to moderate and patchy to strong and patchy. The best mineralized interval occurs between 38.5m-42.5m and consists of 1% disseminated pyrite, 1% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.	1377747	41.00	42.00	1.00	7.66			6.37	
			1377748	42.00	43.50	1.50	0.83				
			1377749	43.50	45.00	1.50	0.05				
			1377751	45.00	46.50	1.50	0.03				
			1377752	46.50	48.00	1.50	0.07				
			1377753	48.00	49.50	1.50	0.02				
			1377754	49.50	51.00	1.50	0.01				
			1377755	51.00	52.50	1.50	0.02				
			1377756	51.00	52.50	1.50	0.03				
			1377757	52.50	54.00	1.50	0.03				
			1377758	54.00	55.50	1.50	0.02				
			1377759	55.50	57.00	1.50	0.01				
			1377761	57.00	58.50	1.50	0.01				
			1377762	58.50	60.00	1.50	0.00				
			1377763	60.00	61.50	1.50	0.04				
			1377764	61.50	63.00	1.50	0.01				
			1377765	63.00	64.50	1.50	0.02				
			1377766	64.50	66.00	1.50	0.04				
			1377767	66.00	67.50	1.50	0.01				
			1377768	67.50	69.00	1.50	0.01				
			1377769	69.00	70.50	1.50	0.11				
			1377771	70.50	72.00	1.50	0.21				
			1377772	72.00	73.50	1.50	0.02				
			1377773	73.50	75.00	1.50	0.01				
			1377774	75.00	76.00	1.00	0.01				
			1377775	76.00	77.00	1.00	0.45				
			1377776	76.00	77.00	1.00	0.11				
76.95	131.20	BMS, Biotite Muscovite Schist	1377777	77.00	78.50	1.50	0.01				
			1377778	78.50	80.00	1.50	0.00				
			1377779	80.00	81.50	1.50	0.01				
			1377781	81.50	83.00	1.50	0.01				
			1377782	83.00	84.50	1.50	0.01				
			1377783	84.50	86.00	1.50	0.01				
			1377784	86.00	87.50	1.50	0.01				
			1377785	87.50	89.00	1.50	0.10				
			1377786	89.00	90.50	1.50	0.04				
			1377787	126.00	127.50	1.50	0.14				
			1377788	127.50	129.00	1.50	0.20				
			1377789	129.00	130.00	1.00	0.23				
			1377791	130.00	131.20	1.20	0.17				

Hole Number: TL13332

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
131.20	144.00	MSS, Muscovite Sericite Schist	1377792	131.20	132.70	1.50	1.00				
		MSS D-Zone 131.2m-144m	1377793	132.70	134.00	1.30	0.89				
		•This D-Zone MSS unit has strong patchy sericitic alteration and strong patchy silicification. This unit contains 2% pyrite in stringers, 1% disseminated pyrite, trace to 1% sphalerite stringers, trace galena blebs, trace chalcopyrite blebs.	1377794	134.00	135.50	1.50	0.07				
		One possible 2mm long speck of VG at 141.13m depth along margin of qtz vein in close proximity to galena, sphalerite and pyrite.	1377795	135.50	137.00	1.50	0.39				
			1377796	135.50	137.00	1.50	0.28				
			1377797	137.00	138.50	1.50	0.32				
			1377798	138.50	139.50	1.00	0.18				
			1377799	139.50	140.50	1.00	0.32				
			1377801	140.50	141.50	1.00	1.05				
			1377802	141.50	142.50	1.00	0.15				
			1377803	142.50	144.00	1.50	0.98				
144.00	162.00	BMS, Biotite Muscovite Schist	1377804	144.00	145.50	1.50	0.06				
		This BMS unit has strong patchy silicification and very weak patchy sericitic alteration. This unit contains 2% pyrite in stringers, 1% disseminated pyrite, trace sphalerite in stringers, and trace pyrrhotite blebs.	1377805	145.50	147.00	1.50	0.04				
			1377806	147.00	148.50	1.50	0.05				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377721	9.00	10.50	0.0210				
1377722	10.50	12.00	0.0090				
1377723	12.00	13.50	0.0220				
1377724	13.50	15.00	0.0230				
1377725	15.00	16.50	0.0440				
1377726	16.50	18.00	0.0370				
1377727	18.00	19.50	0.0420				
1377728	19.50	21.00	0.0260				
1377729	21.00	22.00	0.0130				
1377731	22.00	23.00	0.2990				
1377732	23.00	24.00	0.0690				
1377733	24.00	25.50	0.2180				
1377734	25.50	27.00	0.0330				
1377735	27.00	28.50	0.3020				
1377737	28.50	30.00	0.1540				
1377738	30.00	31.50	0.0860				
1377739	31.50	33.00	0.1180				
1377741	33.00	34.50	0.0370				
1377742	34.50	36.00	0.2020				
1377743	36.00	37.50	0.5740				
1377744	37.50	39.00	0.3540				
1377745	39.00	40.00	2.9540				

Hole Number: TL13332

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377746	40.00	41.00	15.4080			14.3740	
1377747	41.00	42.00	7.6580			6.3690	
1377748	42.00	43.50	0.8310				
1377749	43.50	45.00	0.0540				
1377751	45.00	46.50	0.0250				
1377752	46.50	48.00	0.0670				
1377753	48.00	49.50	0.0210				
1377754	49.50	51.00	0.0110				
1377755	51.00	52.50	0.0240				
1377757	52.50	54.00	0.0320				
1377758	54.00	55.50	0.0220				
1377759	55.50	57.00	0.0100				
1377761	57.00	58.50	0.0050				
1377762	58.50	60.00	0.0040				
1377763	60.00	61.50	0.0400				
1377764	61.50	63.00	0.0110				
1377765	63.00	64.50	0.0200				
1377766	64.50	66.00	0.0370				
1377767	66.00	67.50	0.0060				
1377768	67.50	69.00	0.0130				
1377769	69.00	70.50	0.1110				
1377771	70.50	72.00	0.2130				
1377772	72.00	73.50	0.0190				
1377773	73.50	75.00	0.0050				
1377774	75.00	76.00	0.0070				
1377775	76.00	77.00	0.4480				
1377777	77.00	78.50	0.0110				
1377778	78.50	80.00	0.0030				
1377779	80.00	81.50	0.0050				
1377781	81.50	83.00	0.0060				
1377782	83.00	84.50	0.0050				
1377783	84.50	86.00	0.0060				
1377784	86.00	87.50	0.0080				
1377785	87.50	89.00	0.1030				
1377786	89.00	90.50	0.0410				
1377787	126.00	127.50	0.1440				
1377788	127.50	129.00	0.2010				
1377789	129.00	130.00	0.2250				
1377791	130.00	131.20	0.1710				

Hole Number: TL13332

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377792	131.20	132.70	0.9970				
1377793	132.70	134.00	0.8850				
1377794	134.00	135.50	0.0660				
1377795	135.50	137.00	0.3890				
1377797	137.00	138.50	0.3190				
1377798	138.50	139.50	0.1780				
1377799	139.50	140.50	0.3240				
1377801	140.50	141.50	1.0450				
1377802	141.50	142.50	0.1510				
1377803	142.50	144.00	0.9750				
1377804	144.00	145.50	0.0550				
1377805	145.50	147.00	0.0410				
1377806	147.00	148.50	0.0470				
Sample Type	CDUP						
1377736	27.00	28.50	0.2010				
1377756	51.00	52.50	0.0280				
1377776	76.00	77.00	0.1070				
1377796	135.50	137.00	0.2750				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13332	9.0	10.5	1377721	0.50	6.17	4.00	399.00	1.00	0.50	1.44	2.00	9.00	24.00	8.00	1.84	0.52	18.00	0.88	425.00
TL13332	10.5	12.0	1377722	0.50	7.33	2.00	455.00	1.00	4.00	1.71	2.00	10.00	33.00	19.00	1.88	0.42	28.00	0.79	517.00
TL13332	12.0	13.5	1377723	1.00	7.25	1.00	586.00	1.00	0.50	1.28	2.00	12.00	30.00	17.00	1.80	0.35	26.00	0.64	385.00
TL13332	13.5	15.0	1377724	0.50	6.74	17.00	559.00	1.00	0.50	1.26	2.00	12.00	25.00	17.00	1.66	0.31	24.00	0.70	456.00
TL13332	15.0	16.5	1377725	0.50	6.00	25.00	598.00	1.00	0.50	1.25	2.00	19.00	22.00	13.00	1.27	0.25	25.00	0.69	341.00
TL13332	16.5	18.0	1377726	0.50	6.65	16.00	547.00	1.00	0.50	2.15	2.00	14.00	23.00	12.00	1.31	0.08	26.00	0.99	523.00
TL13332	18.0	19.5	1377727	1.00	6.52	21.00	445.00	1.00	0.50	1.77	2.00	9.00	34.00	7.00	1.24	0.38	27.00	1.12	681.00
TL13332	19.5	21.0	1377728	0.50	6.50	18.00	458.00	1.00	0.50	1.73	2.00	9.00	28.00	14.00	1.20	0.38	25.00	1.01	508.00
TL13332	21.0	22.0	1377729	0.50	6.05	14.00	367.00	1.00	0.50	1.38	2.00	9.00	24.00	9.00	1.17	0.47	26.00	1.06	572.00
TL13332	22.0	23.0	1377731	2.00	5.51	16.00	362.00	1.00	0.50	1.00	5.00	10.00	24.00	60.00	1.29	0.41	25.00	0.84	469.00
TL13332	23.0	24.0	1377732	1.00	7.08	20.00	397.00	1.00	0.50	1.20	2.00	14.00	19.00	13.00	1.19	0.40	29.00	0.90	521.00
TL13332	24.0	25.5	1377733	1.00	6.72	40.00	418.00	1.00	0.50	0.91	2.00	22.00	17.00	18.00	1.27	0.31	29.00	0.72	449.00
TL13332	25.5	27.0	1377734	2.00	7.43	21.00	419.00	1.00	7.00	1.14	2.00	17.00	20.00	14.00	1.21	0.21	31.00	0.84	527.00
TL13332	27.0	28.5	1377736	3.00	6.88	20.00	495.00	1.00	0.50	1.02	2.00	12.00	14.00	82.00	1.21	0.54	27.00	0.74	532.00
TL13332	27.0	28.5	1377735	3.00	7.32	23.00	503.00	1.00	0.50	1.12	2.00	13.00	15.00	95.00	1.36	0.16	29.00	0.75	474.00
TL13332	28.5	30.0	1377737	1.00	5.92	14.00	457.00	1.00	0.50	1.18	2.00	8.00	12.00	15.00	1.47	0.55	23.00	0.75	458.00
TL13332	30.0	31.5	1377738	1.00	6.69	11.00	491.00	1.00	0.50	1.21	2.00	9.00	13.00	12.00	1.32	0.50	23.00	0.66	398.00
TL13332	31.5	33.0	1377739	0.50	7.24	21.00	493.00	1.00	0.50	1.14	2.00	12.00	15.0	9.00	1.36	0.66	29.00	0.71	427.00
TL13332	33.0	34.5	1377741	2.00	5.83	7.00	381.00	1.00	6.00	1.63	2.00	9.00	15.00	46.00	1.70	0.20	25.00	0.89	807.00
TL13332	34.5	36.0	1377742	2.00	5.23	15.00	325.00	1.00	1.00	1.79	2.00	8.00	19.00	11.00	1.83	0.45	22.00	1.10	1136.00
TL13332	36.0	37.5	1377743	8.00	6.13	30.00	469.00	1.00	0.50	1.10	2.00	11.00	23.00	96.00	1.77	0.30	22.00	0.73	691.00
TL13332	37.5	39.0	1377744	6.00	6.61	24.00	493.00	1.00	0.50	1.12	2.00	10.00	24.00	71.00	1.97	0.26	22.00	0.69	607.00
TL13332	39.0	40.0	1377745	16.00	3.04	33.00	249.00	1.00	0.50	0.01	2.00	7.00	14.00	118.00	1.03	0.11	6.00	0.24	50.00
TL13332	40.0	41.0	1377746	3.00	4.58	50.00	286.00	1.00	0.50	0.13	2.00	10.00	25.00	30.00	1.08	0.39	19.00	0.42	152.00
TL13332	41.0	42.0	1377747	9.00	5.32	44.00	355.00	1.00	0.50	0.27	2.00	11.00	31.00	38.00	1.35	0.49	19.00	0.50	262.00
TL13332	42.0	43.5	1377748	6.00	6.25	67.00	427.00	1.00	0.50	0.89	2.00	29.00	26.00	25.00	1.48	0.52	23.00	0.76	620.00
TL13332	43.5	45.0	1377749	2.00	5.54	32.00	423.00	1.00	11.00	1.19	2.00	9.00	20.00	15.00	1.58	0.48	24.00	0.71	718.00
TL13332	45.0	46.5	1377751	1.00	3.87	4.00	320.00	1.00	0.50	0.94	2.00	9.00	17.00	13.00	1.75	0.31	19.00	0.53	661.00
TL13332	46.5	48.0	1377752	1.00	4.78	18.00	366.00	1.00	0.50	1.02	2.00	9.00	25.00	13.00	1.63	0.26	22.00	0.55	712.00
TL13332	48.0	49.5	1377753	1.00	4.77	14.00	376.00	1.00	0.50	1.75	2.00	10.00	28.00	15.00	1.72	0.12	26.00	0.89	922.00
TL13332	49.5	51.0	1377754	1.00	5.49	12.00	378.00	1.00	0.50	1.93	2.00	11.00	25.00	17.00	1.64	0.51	23.00	0.99	806.00
TL13332	51.0	52.5	1377756	1.00	5.94	17.00	435.00	1.00	0.50	1.31	2.00	11.00	30.00	11.00	1.46	0.41	28.00	0.79	351.00
TL13332	51.0	52.5	1377755	1.00	5.85	19.00	428.00	1.00	0.50	1.35	2.00	11.00	27.00	11.00	1.46	0.49	26.00	0.82	379.00
TL13332	52.5	54.0	1377757	1.00	5.62	31.00	420.00	1.00	29.00	1.31	2.00	11.00	20.00	8.00	1.40	0.46	24.00	0.86	605.00
TL13332	54.0	55.5	1377758	2.00	5.16	21.00	336.00	1.00	19.00	0.88	2.00	11.00	20.00	15.00	1.60	0.41	26.00	0.72	575.00
TL13332	55.5	57.0	1377759	1.00	5.57	18.00	342.00	1.00	0.50	0.96	2.00	7.00	15.00	10.00	1.45	0.39	29.00	0.74	593.00
TL13332	57.0	58.5	1377761	1.00	4.05	11.00	264.00	1.00	0.50	0.66	2.00	7.00	14.00	8.00	0.78	0.27	21.00	0.53	331.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13332	9.0	10.5	1377721	3.00	19.00	493.00	0.50	0.63	2.50	2.50	5.00	235.00	1892.00	1.00	39.00	5.00	6.00	40.00
TL13332	10.5	12.0	1377722	10.00	27.00	544.00	0.50	1.27	2.50	2.50	5.00	232.00	1751.00	2.00	35.00	5.00	8.00	40.00
TL13332	12.0	13.5	1377723	2.00	26.00	531.00	6.00	1.63	2.50	2.50	5.00	183.00	1903.00	7.00	37.00	5.00	8.00	87.00
TL13332	13.5	15.0	1377724	0.50	20.00	490.00	3.00	1.74	2.50	2.50	5.00	163.00	1821.00	1.00	35.00	5.00	8.00	51.00
TL13332	15.0	16.5	1377725	0.50	28.00	596.00	8.00	1.48	2.50	2.50	5.00	156.00	1858.00	1.00	35.00	5.00	7.00	54.00
TL13332	16.5	18.0	1377726	0.50	22.00	678.00	11.00	1.21	2.50	2.50	5.00	162.00	1904.00	1.00	35.00	5.00	7.00	76.00
TL13332	18.0	19.5	1377727	3.00	39.00	544.00	10.00	1.22	2.50	2.50	5.00	142.00	1687.00	1.00	30.00	5.00	7.00	64.00
TL13332	19.5	21.0	1377728	2.00	28.00	541.00	2.00	1.19	2.50	2.50	5.00	135.00	1599.00	1.00	29.00	5.00	7.00	38.00
TL13332	21.0	22.0	1377729	0.50	22.00	546.00	9.00	1.16	2.50	2.50	5.00	125.00	1625.00	3.00	28.00	5.00	7.00	48.00
TL13332	22.0	23.0	1377731	1.00	32.00	463.00	77.00	1.71	2.50	2.50	5.00	114.00	1599.00	1.00	29.00	15.00	6.00	1842.00
TL13332	23.0	24.0	1377732	0.50	30.00	522.00	5.00	1.44	2.50	2.50	5.00	130.00	1749.00	1.00	31.00	5.00	7.00	82.00
TL13332	24.0	25.5	1377733	0.50	33.00	532.00	21.00	1.74	2.50	2.50	5.00	132.00	1756.00	6.00	32.00	5.00	6.00	63.00
TL13332	25.5	27.0	1377734	2.00	33.00	600.00	19.00	1.05	2.50	2.50	5.00	154.00	1617.00	3.00	31.00	5.00	7.00	62.00
TL13332	27.0	28.5	1377736	0.50	20.00	517.00	181.00	1.82	2.50	2.50	5.00	137.00	1607.00	2.00	28.00	5.00	7.00	194.00
TL13332	27.0	28.5	1377735	0.50	20.00	526.00	169.00	2.22	2.50	2.50	5.00	147.00	1622.00	3.00	29.00	5.00	7.00	489.00
TL13332	28.5	30.0	1377737	0.50	10.00	474.00	19.00	1.91	2.50	2.50	5.00	133.00	1499.00	1.00	27.00	5.00	6.00	55.00
TL13332	30.0	31.5	1377738	0.50	12.00	505.00	7.00	1.51	2.50	2.50	5.00	147.00	1595.00	1.00	29.00	5.00	7.00	58.00
TL13332	31.5	33.0	1377739	0.50	13.00	546.00	5.00	1.93	2.50	2.50	5.00	158.00	1719.00	1.00	32.00	5.00	7.00	39.00
TL13332	33.0	34.5	1377741	0.50	15.00	548.00	0.50	1.39	2.50	2.50	5.00	162.00	1500.00	6.00	30.00	5.00	7.00	62.00
TL13332	34.5	36.0	1377742	0.50	12.00	485.00	11.00	1.46	2.50	2.50	5.00	154.00	1613.00	4.00	30.00	5.00	6.00	76.00
TL13332	36.0	37.5	1377743	0.50	18.00	462.00	166.00	2.19	2.50	2.50	5.00	122.00	1800.00	1.00	34.00	5.00	7.00	309.00
TL13332	37.5	39.0	1377744	0.50	19.00	478.00	292.00	2.68	2.50	2.50	5.00	118.00	1787.00	1.00	35.00	5.00	7.00	477.00
TL13332	39.0	40.0	1377745	3.00	15.00	300.00	637.00	2.33	9.00	2.50	5.00	49.00	1027.00	1.00	22.00	5.00	5.00	767.00
TL13332	40.0	41.0	1377746	0.50	21.00	326.00	38.00	2.23	2.50	2.50	5.00	61.00	1201.00	2.00	27.00	5.00	6.00	66.00
TL13332	41.0	42.0	1377747	0.50	26.00	384.00	184.00	2.69	2.50	2.50	5.00	63.00	1423.00	1.00	30.00	5.00	7.00	502.00
TL13332	42.0	43.5	1377748	10.00	78.00	458.00	68.00	2.72	2.50	2.50	5.00	105.00	1619.00	5.00	30.00	5.00	7.00	795.00
TL13332	43.5	45.0	1377749	0.50	18.00	451.00	6.00	1.75	2.50	2.50	5.00	119.00	1626.00	7.00	31.00	5.00	6.00	97.00
TL13332	45.0	46.5	1377751	0.50	13.00	477.00	6.00	1.58	2.50	2.50	5.00	109.00	1521.00	1.00	30.00	5.00	6.00	58.00
TL13332	46.5	48.0	1377752	0.50	13.00	428.00	3.00	2.15	2.50	2.50	5.00	131.00	1520.00	1.00	33.00	5.00	6.00	94.00
TL13332	48.0	49.5	1377753	0.50	16.00	432.00	0.50	2.04	2.50	2.50	5.00	154.00	1692.00	1.00	34.00	5.00	7.00	57.00
TL13332	49.5	51.0	1377754	0.50	12.00	451.00	3.00	1.66	2.50	2.50	5.00	163.00	1706.00	1.00	37.00	5.00	7.00	46.00
TL13332	51.0	52.5	1377756	0.50	20.00	457.00	0.50	1.58	2.50	2.50	5.00	145.00	1761.00	1.00	35.00	5.00	7.00	52.00
TL13332	51.0	52.5	1377755	0.50	16.00	426.00	0.50	1.55	2.50	2.50	5.00	147.00	1717.00	1.00	35.00	5.00	7.00	49.00
TL13332	52.5	54.0	1377757	0.50	15.00	465.00	15.00	1.90	2.50	2.50	5.00	140.00	1619.00	6.00	33.00	5.00	6.00	134.00
TL13332	54.0	55.5	1377758	0.50	17.00	572.00	13.00	2.07	2.50	2.50	5.00	122.00	1625.00	1.00	33.00	5.00	7.00	103.00
TL13332	55.5	57.0	1377759	0.50	12.00	431.00	2.00	2.37	2.50	2.50	5.00	132.00	1415.00	4.00	28.00	5.00	6.00	85.00
TL13332	57.0	58.5	1377761	0.50	9.00	400.00	0.50	0.93	2.50	2.50	5.00	90.00	1195.00	1.00	26.00	5.00	5.00	24.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13332	58.5	60.0	1377762	1.00	3.62	7.00	279.00	1.00	0.50	0.85	2.00	7.00	17.00	8.00	0.71	0.07	20.00	0.43	222.00
TL13332	60.0	61.5	1377763	2.00	4.89	11.00	246.00	1.00	0.50	3.17	2.00	9.00	32.00	17.00	1.42	0.45	23.00	1.72	1307.00
TL13332	61.5	63.0	1377764	1.00	5.70	12.00	264.00	1.00	0.50	1.37	2.00	8.00	15.00	5.00	0.69	0.48	27.00	0.87	491.00
TL13332	63.0	64.5	1377765	2.00	6.61	10.00	417.00	1.00	0.50	1.01	2.00	10.00	16.00	5.00	0.86	0.52	32.00	0.79	365.00
TL13332	64.5	66.0	1377766	2.00	6.58	12.00	433.00	1.00	0.50	0.94	2.00	10.00	18.00	11.00	1.37	0.40	26.00	0.72	396.00
TL13332	66.0	67.5	1377767	2.00	6.33	12.00	325.00	1.00	0.50	2.48	2.00	13.00	14.00	12.00	2.22	0.47	30.00	1.43	867.00
TL13332	67.5	69.0	1377768	2.00	6.35	8.00	353.00	1.00	0.50	1.63	2.00	7.00	13.00	10.00	1.34	0.48	29.00	0.89	362.00
TL13332	69.0	70.5	1377769	11.00	5.25	21.00	309.00	1.00	4.00	1.11	2.00	7.00	13.00	14.00	1.18	0.38	24.00	0.40	184.00
TL13332	70.5	72.0	1377771	15.00	4.78	19.00	307.00	1.00	0.50	1.10	2.00	9.00	14.00	13.00	0.93	0.18	28.00	0.68	297.00
TL13332	72.0	73.5	1377772	2.00	6.43	7.00	327.00	1.00	0.50	1.85	2.00	9.00	16.00	9.00	1.00	0.45	38.00	1.21	301.00
TL13332	73.5	75.0	1377773	1.00	6.97	11.00	332.00	1.00	0.50	1.68	2.00	9.00	13.00	9.00	1.19	0.48	36.00	1.02	187.00
TL13332	75.0	76.0	1377774	2.00	6.19	15.00	273.00	1.00	0.50	1.45	2.00	7.00	12.00	7.00	1.13	0.43	31.00	0.81	324.00
TL13332	76.0	77.0	1377776	6.00	4.24	16.00	209.00	1.00	0.50	0.75	2.00	11.00	47.00	23.00	1.30	0.38	26.00	0.58	322.00
TL13332	76.0	77.0	1377775	13.00	4.96	16.00	230.00	1.00	0.50	0.74	2.00	9.00	28.00	18.00	1.29	0.44	28.00	0.59	300.00
TL13332	77.0	78.5	1377777	3.00	5.26	6.00	265.00	1.00	0.50	2.94	2.00	11.00	40.00	20.00	1.71	0.45	32.00	1.56	1055.00
TL13332	78.5	80.0	1377778	0.50	5.55	53.00	401.00	1.00	0.50	1.69	2.00	8.00	13.00	65.00	0.85	0.34	38.00	0.86	372.00
TL13332	80.0	81.5	1377779	0.50	7.07	20.00	448.00	1.00	0.50	2.31	2.00	10.00	12.00	27.00	0.84	0.41	37.00	0.86	321.00
TL13332	81.5	83.0	1377781	2.00	6.05	14.00	441.00	1.00	0.50	2.27	2.00	12.00	13.00	11.00	1.31	0.42	33.00	0.94	439.00
TL13332	83.0	84.5	1377782	0.50	6.23	16.00	386.00	1.00	0.50	2.16	2.00	10.00	13.00	14.00	1.41	0.44	33.00	0.81	393.00
TL13332	84.5	86.0	1377783	0.50	6.05	26.00	459.00	1.00	0.50	1.77	2.00	12.00	10.00	7.00	1.14	0.27	36.00	0.83	333.00
TL13332	86.0	87.5	1377784	0.50	6.39	40.00	475.00	1.00	0.50	2.11	2.00	12.00	13.00	3.00	1.57	0.37	39.00	1.27	390.00
TL13332	87.5	89.0	1377785	14.00	6.14	35.00	489.00	1.00	7.00	2.08	2.00	18.00	92.00	26.00	2.59	0.41	41.00	1.11	608.00
TL13332	89.0	90.5	1377786	4.00	5.58	25.00	358.00	1.00	6.00	2.71	2.00	21.00	127.00	43.00	3.30	0.37	37.00	1.29	730.00
TL13332	126.0	127.5	1377787	1.00	4.81	57.00	283.00	1.00	0.50	0.39	2.00	18.00	100.00	19.00	2.55	0.34	33.00	1.30	360.00
TL13332	127.5	129.0	1377788	1.00	4.87	66.00	300.00	1.00	6.00	1.12	2.00	22.00	122.00	47.00	3.46	0.23	33.00	1.47	523.00
TL13332	129.0	130.0	1377789	1.00	4.88	104.00	310.00	1.00	0.50	0.44	2.00	22.00	118.00	26.00	3.39	0.37	35.00	1.62	505.00
TL13332	130.0	131.2	1377791	1.00	6.42	58.00	383.00	1.00	0.50	1.68	2.00	16.00	84.00	43.00	2.40	0.26	36.00	1.32	582.00
TL13332	131.2	132.7	1377792	4.00	5.18	72.00	394.00	1.00	0.50	0.68	6.00	11.00	33.00	158.00	2.22	0.19	33.00	0.70	291.00
TL13332	132.7	134.0	1377793	16.00	5.01	50.00	403.00	1.00	0.50	0.44	5.00	10.00	18.00	50.00	1.56	0.21	32.00	0.57	263.00
TL13332	134.0	135.5	1377794	2.00	5.83	32.00	446.00	1.00	0.50	1.69	2.00	10.00	21.00	21.00	1.49	0.14	35.00	1.13	737.00
TL13332	135.5	137.0	1377796	2.00	4.58	105.00	392.00	1.00	0.50	1.09	2.00	15.00	60.00	57.00	2.22	0.29	32.00	0.79	391.00
TL13332	135.5	137.0	1377795	2.00	4.32	88.00	377.00	1.00	0.50	1.14	2.00	14.00	50.00	53.00	2.07	0.22	32.00	0.82	414.00
TL13332	137.0	138.5	1377797	3.00	5.74	54.00	433.00	1.00	0.50	1.22	2.00	9.00	24.00	96.00	1.80	0.23	35.00	0.91	379.00
TL13332	138.5	139.5	1377798	5.00	4.12	60.00	294.00	1.00	0.50	1.28	2.00	12.00	36.00	39.00	1.68	0.22	28.00	0.93	459.00
TL13332	139.5	140.5	1377799	15.00	5.37	52.00	440.00	1.00	0.50	0.90	2.00	10.00	18.00	37.00	1.47	0.17	32.00	0.75	381.00
TL13332	140.5	141.5	1377801	15.00	5.63	95.00	458.00	1.00	6.00	0.94	7.00	11.00	20.00	214.00	2.48	0.12	35.00	0.79	377.00
TL13332	141.5	142.5	1377802	1.00	5.64	66.00	518.00	1.00	0.50	1.53	2.00	11.00	18.00	26.00	1.74	0.18	35.00	1.02	505.00
TL13332	142.5	144.0	1377803	10.00	5.60	64.00	428.00	1.00	0.50	0.74	7.00	10.00	19.00	39.00	1.72	0.30	36.00	0.71	281.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13332	58.5	60.0	1377762	0.50	13.00	357.00	0.50	0.78	2.50	2.50	5.00	93.00	1109.00	1.00	24.00	5.00	4.00	17.00
TL13332	60.0	61.5	1377763	0.50	18.00	347.00	11.00	1.40	2.50	2.50	5.00	159.00	1176.00	1.00	31.00	5.00	6.00	73.00
TL13332	61.5	63.0	1377764	0.50	10.00	371.00	0.50	0.78	2.50	2.50	5.00	130.00	1322.00	13.00	25.00	5.00	5.00	12.00
TL13332	63.0	64.5	1377765	0.50	10.00	451.00	0.50	1.22	2.50	2.50	5.00	132.00	1856.00	6.00	34.00	5.00	6.00	25.00
TL13332	64.5	66.0	1377766	0.50	16.00	522.00	9.00	2.21	2.50	2.50	5.00	145.00	2008.00	1.00	39.00	5.00	6.00	67.00
TL13332	66.0	67.5	1377767	0.50	13.00	432.00	6.00	3.30	2.50	2.50	5.00	199.00	1870.00	1.00	38.00	5.00	6.00	74.00
TL13332	67.5	69.0	1377768	0.50	12.00	527.00	3.00	1.78	2.50	2.50	5.00	170.00	1845.00	1.00	34.00	5.00	6.00	62.00
TL13332	69.0	70.5	1377769	0.50	16.00	393.00	31.00	2.49	2.50	2.50	5.00	177.00	1380.00	1.00	25.00	5.00	5.00	147.00
TL13332	70.5	72.0	1377771	0.50	14.00	394.00	16.00	1.43	2.50	2.50	5.00	126.00	1431.00	1.00	29.00	5.00	5.00	88.00
TL13332	72.0	73.5	1377772	0.50	13.00	497.00	0.50	1.32	2.50	2.50	5.00	162.00	1735.00	10.00	33.00	5.00	6.00	32.00
TL13332	73.5	75.0	1377773	0.50	11.00	447.00	0.50	2.16	2.50	2.50	5.00	194.00	1730.00	1.00	35.00	5.00	5.00	58.00
TL13332	75.0	76.0	1377774	0.50	10.00	384.00	3.00	2.22	2.50	2.50	5.00	169.00	1425.00	7.00	26.00	5.00	5.00	25.00
TL13332	76.0	77.0	1377776	4.00	43.00	360.00	5.00	2.09	2.50	2.50	5.00	93.00	1254.00	2.00	33.00	5.00	6.00	78.00
TL13332	76.0	77.0	1377775	1.00	16.00	345.00	10.00	2.37	2.50	2.50	5.00	99.00	1344.00	5.00	32.00	5.00	6.00	72.00
TL13332	77.0	78.5	1377777	0.50	26.00	427.00	16.00	1.34	2.50	2.50	5.00	152.00	1508.00	1.00	40.00	5.00	7.00	69.00
TL13332	78.5	80.0	1377778	0.50	14.00	573.00	32.00	0.53	2.50	2.50	5.00	150.00	1783.00	1.00	36.00	5.00	5.00	355.00
TL13332	80.0	81.5	1377779	0.50	11.00	586.00	0.50	0.73	2.50	2.50	5.00	191.00	1810.00	13.00	35.00	5.00	6.00	62.00
TL13332	81.5	83.0	1377781	0.50	14.00	545.00	6.00	0.95	2.50	2.50	5.00	203.00	1755.00	1.00	35.00	5.00	6.00	50.00
TL13332	83.0	84.5	1377782	0.50	15.00	599.00	0.50	1.06	2.50	2.50	5.00	206.00	1796.00	10.00	36.00	5.00	6.00	24.00
TL13332	84.5	86.0	1377783	0.50	14.00	576.00	0.50	1.28	2.50	2.50	5.00	201.00	1824.00	1.00	34.00	5.00	6.00	25.00
TL13332	86.0	87.5	1377784	0.50	11.00	608.00	0.50	2.50	2.50	2.50	5.00	235.00	1806.00	1.00	35.00	5.00	6.00	35.00
TL13332	87.5	89.0	1377785	2.00	42.00	518.00	9.00	3.85	2.50	2.50	5.00	195.00	2107.00	1.00	62.00	5.00	11.00	181.00
TL13332	89.0	90.5	1377786	0.50	66.00	519.00	22.00	3.42	2.50	2.50	5.00	218.00	2297.00	1.00	73.00	5.00	15.00	105.00
TL13332	126.0	127.5	1377787	2.00	58.00	492.00	60.00	3.35	2.50	2.50	5.00	60.00	1400.00	1.00	63.00	5.00	10.00	204.00
TL13332	127.5	129.0	1377788	0.50	68.00	517.00	93.00	2.59	2.50	2.50	5.00	82.00	1735.00	12.00	71.00	5.00	10.00	554.00
TL13332	129.0	130.0	1377789	0.50	66.00	504.00	56.00	3.98	2.50	2.50	5.00	58.00	2093.00	3.00	74.00	5.00	11.00	149.00
TL13332	130.0	131.2	1377791	0.50	49.00	498.00	74.00	1.83	2.50	2.50	5.00	104.00	1766.00	7.00	69.00	5.00	10.00	161.00
TL13332	131.2	132.7	1377792	3.00	28.00	432.00	360.00	2.56	2.50	2.50	5.00	61.00	1577.00	1.00	37.00	15.00	7.00	1730.00
TL13332	132.7	134.0	1377793	0.50	19.00	404.00	1069.00	1.55	8.00	2.50	5.00	47.00	1620.00	1.00	32.00	13.00	6.00	1407.00
TL13332	134.0	135.5	1377794	0.50	20.00	516.00	64.00	1.63	2.50	2.50	5.00	79.00	1700.00	3.00	34.00	5.00	6.00	199.00
TL13332	135.5	137.0	1377796	2.00	41.00	431.00	206.00	4.21	2.50	2.50	5.00	63.00	1705.00	1.00	50.00	5.00	8.00	274.00
TL13332	135.5	137.0	1377795	3.00	35.00	410.00	166.00	3.82	2.50	2.50	5.00	62.00	1600.00	3.00	44.00	5.00	7.00	340.00
TL13332	137.0	138.5	1377797	0.50	22.00	470.00	369.00	2.76	2.50	2.50	5.00	77.00	1668.00	1.00	34.00	5.00	7.00	888.00
TL13332	138.5	139.5	1377798	0.50	32.00	431.00	136.00	2.47	2.50	2.50	5.00	69.00	1312.00	1.00	30.00	5.00	6.00	340.00
TL13332	139.5	140.5	1377799	0.50	17.00	462.00	165.00	2.23	2.50	2.50	5.00	61.00	1655.00	3.00	33.00	5.00	6.00	527.00
TL13332	140.5	141.5	1377801	0.50	19.00	475.00	1713.00	4.94	10.00	2.50	5.00	63.00	1677.00	2.00	35.00	17.00	6.00	2238.00
TL13332	141.5	142.5	1377802	0.50	17.00	491.00	92.00	2.40	2.50	2.50	5.00	70.00	1821.00	1.00	37.00	5.00	6.00	235.00
TL13332	142.5	144.0	1377803	0.50	17.00	440.00	1056.00	3.33	10.00	2.50	5.00	58.00	1715.00	1.00	34.00	20.00	6.00	2202.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13332	144.0	145.5	1377804	1.00	6.00	32.00	432.00	1.00	3.00	2.66	2.00	10.00	16.00	19.00	1.70	0.23	36.00	1.44	707.00
TL13332	145.5	147.0	1377805	1.00	5.66	33.00	414.00	1.00	3.00	2.25	2.00	10.00	17.00	23.00	1.64	0.09	36.00	1.25	533.00
TL13332	147.0	148.5	1377806	0.50	5.99	26.00	433.00	1.00	0.50	2.36	2.00	10.00	18.00	14.00	1.49	0.02	35.00	1.30	529.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13332	144.0	145.5	1377804	0.50	14.00	458.00	59.00	1.50	2.50	2.50	5.00	95.00	1676.00	1.00	33.00	5.00	6.00	170.00
TL13332	145.5	147.0	1377805	0.50	14.00	469.00	27.00	1.74	2.50	2.50	5.00	89.00	1650.00	11.00	33.00	5.00	6.00	378.00
TL13332	147.0	148.5	1377806	0.50	14.00	432.00	19.00	1.47	2.50	2.50	5.00	116.00	1451.00	2.00	31.00	5.00	6.00	123.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13332	9.0	38.5	29.5	PY	DISS	0.1	Trace disseminated py
TL13332	9.0	38.5	29.5	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13332	22.0	22.5	0.5	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation along margin of qtz vein
TL13332	22.0	22.5	0.5	PO	BLB	0.1	Trace po blebs in qtz vein surrounded by sph
TL13332	22.0	22.5	0.5	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13332	38.5	42.5	4.0	CP	BLB	0.1	Trace cpy blebs associated w/ py and gal blebs
TL13332	38.5	42.5	4.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13332	38.5	42.5	4.0	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13332	38.5	42.5	4.0	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13332	38.5	77.0	38.5	PY	DISS	1	1% disseminated py throughout the interval
TL13332	42.5	77.0	34.5	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13332	42.5	77.0	34.5	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13332	77.0	131.2	54.3	SPH	ST	0.1	Trace sph in 1-2mm wide stringers oriented semi-parallel to foliation
TL13332	77.0	131.2	54.3	PY	DISS	1	1-2% disseminated pyrite
TL13332	77.0	131.2	54.3	PO	BLB	0.1	Trace po blebs found in and along the margins of qtz-chl veins
TL13332	77.0	131.2	54.3	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13332	131.2	144.0	12.8	PY	DISS	1	1% disseminated py
TL13332	131.2	144.0	12.8	PY	ST	2	2% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL13332	131.2	144.0	12.8	SPH	ST	0.1	Trace to 1% sph in 1-8mm wide stringers oriented semi-parallel to foliation
TL13332	131.2	144.0	12.8	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13332	131.2	144.0	12.8	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13332	141.0	141.2	0.2	AU	BLB	0.1	One 2mm long speck of possible VG found along margin of qtz vein at 141.13m depth in close proximity to gal, sph and py
TL13332	144.0	162.0	18.0	PY	DISS	1	1% disseminated py
TL13332	144.0	162.0	18.0	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-chl veins
TL13332	144.0	162.0	18.0	PY	ST	2	2% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13332	144.0	162.0	18.0	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13332	9.0	38.5	29.5	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13332	9.0	38.5	29.5	FR	Very Weak	65	V. weak fracture set cross cutting foliation at 65 deg TCA
TL13332	14.9	14.9	0.1	Fold	Very Weak	55	V. weak F2 folding oriented at 55 deg TCA
TL13332	38.5	77.0	38.5	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13332	38.5	77.0	38.5	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13332	77.0	94.5	17.6	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13332	77.0	131.2	54.3	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL13332	77.0	131.2	54.3	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13332	78.9	79.0	0.1	Fold	Moderate	60	Moderate F2 folding oriented at 60 deg TCA
TL13332	94.5	112.1	17.6	FOL	Strong	70	Strong foliation at 70 deg TCA
TL13332	112.1	131.2	19.2	FOL	Moderate	75	Moderate to strong foliation at 75 deg TCA
TL13332	131.2	144.0	12.8	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13332	131.2	144.0	12.8	FOL	Strong	70	Strong foliation at 70 deg TCA
TL13332	144.0	162.0	18.0	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13332	144.0	162.0	18.0	FOL	Strong	75	Strong foliation at 75 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13332	9.0	38.5	29.5	SR	Patchy	Moderate	Moderate patchy ser alt throughout, 45% ser to 55% bio
TL13332	9.0	38.5	29.5	SI	Patchy	Moderate	Moderate patchy sil alt
TL13332	38.5	42.6	4.1	SR	Pervasive	Very Strong	V. strong pervasive ser alt, 98% ser to 2% bio
TL13332	38.5	44.0	5.5	SI	Patchy	Weak	Weak patchy sil alt
TL13332	42.6	51.0	8.5	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13332	44.0	51.0	7.0	SI	Patchy	Moderate	Moderate patchy sil alt
TL13332	51.0	56.0	5.0	SI	Patchy	Weak	Weak patchy sil alt
TL13332	51.0	67.8	16.8	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13332	56.0	64.0	8.0	SI	Patchy	Strong	Strong patchy sil alt
TL13332	64.0	77.0	13.0	SI	Patchy	Weak	Weak patchy sil alt
TL13332	67.8	77.0	9.2	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13332	77.0	86.0	9.1	SR	Patchy	Moderate	Moderate patchy ser alt, 50% ser to 50% bio
TL13332	77.0	112.2	35.3	SI	Patchy	Very Strong	V. strong patchy to semi-pervaisve sil alt
TL13332	86.0	91.4	5.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13332	91.4	105.5	14.1	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13332	105.5	112.2	6.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13332	112.2	131.2	19.0	SI	Patchy	Weak	Weak patchy sil alt
TL13332	112.2	131.2	19.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL13332	131.2	144.0	12.8	SI	Patchy	Strong	Strong patchy silicification
TL13332	131.2	144.0	12.8	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 20% bio
TL13332	144.0	162.0	18.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13332	144.0	162.0	18.0	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13332	9	12	3	3	2.49	100	83	18	
TL13332	12	15	3	2.96	2.3	98.67	76.67	14	
TL13332	15	18	3	3.01	2.61	100.33	87	17	
TL13332	18	21	3	2.98	2.48	99.33	82.67	17	
TL13332	21	24	3	2.99	1.86	99.67	62	26	
TL13332	24	27	3	2.8	2.04	93.33	68	18	
TL13332	27	30	3	2.97	2.39	99	79.67	12	
TL13332	30	33	3	2.97	2.85	99	95	8	
TL13332	33	36	3	2.92	2.77	97.33	92.33	9	
TL13332	36	39	3	2.96	2.72	98.67	90.67	8	
TL13332	39	42	3	3.01	2.71	100.33	90.33	13	
TL13332	42	45	3	2.89	2.61	96.33	87	10	
TL13332	45	48	3	3.03	2.99	101	99.67	5	
TL13332	48	51	3	2.97	2.97	99	99	5	
TL13332	51	54	3	2.95	2.83	98.33	94.33	8	
TL13332	54	57	3	3.01	2.94	100.33	98	7	
TL13332	57	60	3	2.97	2.88	99	96	9	
TL13332	60	63	3	2.96	2.83	98.67	94.33	6	
TL13332	63	66	3	2.96	2.61	98.67	87	12	
TL13332	66	69	3	2.99	2.2	99.67	73.33	14	
TL13332	69	72	3	2.85	1.72	95	57.33	28	
TL13332	72	75	3	3.01	2.24	100.33	74.67	21	
TL13332	75	78	3	3.03	2.91	101	97	6	
TL13332	78	81	3	3.03	2.88	101	96	6	
TL13332	81	84	3	3	2.94	100	98	5	
TL13332	84	87	3	3	2.85	100	95	8	
TL13332	87	90	3	2.95	2.78	98.33	92.67	9	
TL13332	90	93	3	3.03	2.86	101	95.33	7	
TL13332	93	96	3	2.97	2.86	99	95.33	9	
TL13332	96	99	3	2.98	2.79	99.33	93	5	
TL13332	99	102	3	2.97	2.94	99	98	6	
TL13332	102	105	3	2.99	2.66	99.67	88.67	8	
TL13332	105	108	3	2.96	2.93	98.67	97.67	7	
TL13332	108	111	3	2.98	2.89	99.33	96.33	8	
TL13332	111	114	3	2.89	2.69	96.33	89.67	8	
TL13332	114	117	3	3.04	2.49	101.33	83	15	
TL13332	117	120	3	2.98	1.81	99.33	60.33	19	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13332	120	123	3	3.04	2.29	101.33	76.33	22	
TL13332	123	126	3	3	2.15	100	71.67	21	
TL13332	126	129	3	2.97	1.74	99	58	33	
TL13332	129	132	3	2.96	2.74	98.67	91.33	8	
TL13332	132	135	3	3.02	2.77	100.67	92.33	11	
TL13332	135	138	3	2.98	2.78	99.33	92.67	8	
TL13332	138	141	3	2.97	2.19	99	73	7	
TL13332	141	144	3	2.95	2.69	98.33	89.67	8	
TL13332	144	147	3	3.04	2.81	101.33	93.67	10	
TL13332	147	150	3	2.97	2.87	99	95.67	9	
TL13332	150	153	3	2.94	2.84	98	94.67	5	
TL13332	153	156	3	3	2.9	100	96.67	10	
TL13332	156	159	3	2.95	2.81	98.33	93.67	8	
TL13332	159	162	3	3	2.78	100	92.67	7	

Hole Number: TL13333

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
21.25	63.09	BMS, Biotite Muscovite Schist This BMS unit has moderate patchy sericitic alteration from 21.25m-41.47m, where there is a small patch of very strong sericitic alteration until 41.47-43.5m, then the sericitic alteration becomes weak and patchy. This unit has weak to moderate patchy silicification throughout. This unit is poorly mineralized with trace to 1% disseminated pyrite, 1% pyrite in stringers, and trace sphalerite in stringers.	303759	21.25	22.00	0.75		0.02			
			303761	22.00	23.00	1.00		0.03			
			303762	23.00	24.00	1.00		0.01			
			303763	24.00	25.00	1.00		0.02			
			303764	25.00	26.00	1.00		0.02			
			303765	26.00	27.00	1.00		0.02			
			303766	26.00	27.00	1.00		0.02			
			303767	27.00	28.00	1.00		0.01			
			303768	28.00	29.00	1.00		0.02			
			303769	29.00	30.00	1.00		0.05			
			303771	30.00	31.00	1.00		0.03			
			303772	31.00	32.00	1.00		0.11			
			303773	32.00	33.00	1.00		0.15			
			303774	33.00	34.00	1.00		0.04			
			303775	34.00	35.00	1.00		0.09			
			303776	35.00	36.00	1.00		0.05			
			303777	36.00	37.00	1.00		0.02			
			303778	37.00	38.00	1.00		0.02			
			303779	38.00	39.50	1.50		0.04			
			1377687	39.50	41.00	1.50	0.03				
			1377688	41.00	42.00	1.00	0.06				
			1377689	42.00	43.50	1.50	0.19				
			1377691	43.50	45.00	1.50	0.02				
			1377692	45.00	46.50	1.50	0.01				
			1377693	46.50	48.00	1.50	0.02				
			1377694	48.00	49.50	1.50	0.23				
			1377696	49.50	51.00	1.50	0.08				
			1377695	49.50	51.00	1.50	0.74				
			1377697	51.00	52.50	1.50	0.03				
			1377698	52.50	54.00	1.50	0.22				
			1377699	54.00	55.50	1.50	0.32				
			1377701	55.50	57.00	1.50	0.55				
			1377702	57.00	58.50	1.50	0.12				
			1377703	58.50	60.00	1.50	0.08				
			1377704	60.00	61.50	1.50	0.11				
			1377705	61.50	63.00	1.50	0.15				
			1377706	63.00	64.00	1.00	0.14				
63.09	67.34	MSS, Muscovite Sericite Schist MSS D-Zone from 63.09m-67.34m This D-Zone MSS unit has very strong patchy sericitic alteration and weak patchy silicification. This unit is not strongly mineralize and contains 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, trace galena blebs, trace pyrrhotite blebs and trace chalcopyrite blebs. MSS unit ends at 67.34m but mineralized envelope consistent with the D-Zone continues until 77m.	1377707	64.00	65.00	1.00	0.66				
			1377708	65.00	66.50	1.50	0.21				
			1377709	66.50	67.50	1.00	0.34				

Hole Number: TL13333

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
67.34	102.00	BMS, Biotite Muscovite Schist This BMS unit has moderate patchy silicification and very weak to moderate patchy sericitic alteration. This unit contains trace to 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, trace galena blebs, and trace pyrrhotite blebs.	1377711	67.50	69.00	1.50	0.10				
			1377712	69.00	70.00	1.00	0.47				
			1377713	70.00	71.50	1.50	0.15				
			1377714	71.50	73.00	1.50	0.12				
			1377715	73.00	74.50	1.50	0.03				
			1377716	73.00	74.50	1.50	0.19				
			1377717	74.50	75.50	1.00	0.03				
			1377718	75.50	76.50	1.00	0.42				
			1377719	76.50	78.00	1.50	0.08				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
303759	21.25	22.00		0.0210			
303761	22.00	23.00		0.0330			
303762	23.00	24.00		0.0130			
303763	24.00	25.00		0.0240			
303764	25.00	26.00		0.0160			
303765	26.00	27.00		0.0200			
303767	27.00	28.00		0.0130			
303768	28.00	29.00		0.0230			
303769	29.00	30.00		0.0450			
303771	30.00	31.00		0.0300			
303772	31.00	32.00		0.1140			
303773	32.00	33.00		0.1510			
303774	33.00	34.00		0.0370			
303775	34.00	35.00		0.0880			
303776	35.00	36.00		0.0510			
303777	36.00	37.00		0.0190			
303778	37.00	38.00		0.0170			
303779	38.00	39.50		0.0370			
1377687	39.50	41.00	0.0310				
1377688	41.00	42.00	0.0620				
1377689	42.00	43.50	0.1900				
1377691	43.50	45.00	0.0200				
1377692	45.00	46.50	0.0120				
1377693	46.50	48.00	0.0190				
1377694	48.00	49.50	0.2310				
1377695	49.50	51.00	0.7440				
1377697	51.00	52.50	0.0330				

Hole Number: TL13333

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377698	52.50	54.00	0.2200				
1377699	54.00	55.50	0.3180				
1377701	55.50	57.00	0.5520				
1377702	57.00	58.50	0.1190				
1377703	58.50	60.00	0.0820				
1377704	60.00	61.50	0.1050				
1377705	61.50	63.00	0.1460				
1377706	63.00	64.00	0.1410				
1377707	64.00	65.00	0.6600				
1377708	65.00	66.50	0.2120				
1377709	66.50	67.50	0.3390				
1377711	67.50	69.00	0.1040				
1377712	69.00	70.00	0.4740				
1377713	70.00	71.50	0.1460				
1377714	71.50	73.00	0.1240				
1377715	73.00	74.50	0.0270				
1377717	74.50	75.50	0.0290				
1377718	75.50	76.50	0.4230				
1377719	76.50	78.00	0.0800				
Sample Type	CDUP						
303766	26.00	27.00		0.0200			
1377696	49.50	51.00	0.0840				
1377716	73.00	74.50	0.1890				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13333	21.3	22.0	303759	0.50	6.14	44.00	635.00	1.00	0.50	2.16	2.00	21.00	138.00	24.00	3.64	0.20	22.00	1.09	568.00
TL13333	22.0	23.0	303761	0.50	5.13	42.00	662.00	1.00	0.50	2.23	2.00	23.00	148.00	23.00	3.79	0.43	23.00	1.03	591.00
TL13333	23.0	24.0	303762	1.00	5.60	1.00	754.00	2.00	0.50	1.91	2.00	17.00	93.00	20.00	3.37	0.35	25.00	1.00	595.00
TL13333	24.0	25.0	303763	0.50	4.54	26.00	660.00	1.00	0.50	2.13	2.00	10.00	11.00	4.00	2.23	0.52	20.00	1.01	578.00
TL13333	25.0	26.0	303764	0.50	4.56	27.00	694.00	1.00	0.50	2.52	2.00	9.00	10.00	5.00	2.14	0.42	21.00	1.08	622.00
TL13333	26.0	27.0	303765	0.50	3.79	14.00	713.00	1.00	0.50	2.47	2.00	9.00	13.00	5.00	2.11	0.58	21.00	1.13	756.00
TL13333	26.0	27.0	303766	0.50	3.40	31.00	602.00	1.00	0.50	2.20	2.00	7.00	28.00	11.00	2.11	0.31	16.00	1.01	727.00
TL13333	27.0	28.0	303767	0.50	3.70	15.00	599.00	1.00	0.50	1.83	2.00	9.00	6.00	7.00	1.76	0.48	17.00	0.87	521.00
TL13333	28.0	29.0	303768	0.50	3.44	14.00	613.00	1.00	0.50	1.88	2.00	11.00	18.00	7.00	2.16	0.36	19.00	0.90	591.00
TL13333	29.0	30.0	303769	1.00	2.98	13.00	411.00	1.00	0.50	1.89	2.00	20.00	143.00	61.00	3.46	0.01	20.00	1.15	795.00
TL13333	30.0	31.0	303771	0.50	4.24	5.00	509.00	1.00	0.50	1.22	2.00	26.00	161.00	57.00	4.54	0.48	27.00	1.47	1074.00
TL13333	31.0	32.0	303772	0.50	4.09	8.00	632.00	1.00	0.50	1.27	2.00	24.00	149.00	67.00	3.94	0.37	24.00	1.21	970.00
TL13333	32.0	33.0	303773	0.50	3.96	32.00	680.00	2.00	0.50	1.83	2.00	24.00	155.00	60.00	3.97	0.46	23.00	1.20	1131.00
TL13333	33.0	34.0	303774	0.50	3.87	3.00	556.00	2.00	0.50	1.84	2.00	13.00	78.00	18.00	2.33	0.73	18.00	1.09	807.00
TL13333	34.0	35.0	303775	0.50	4.28	38.00	598.00	2.00	0.50	1.74	2.00	23.00	139.00	42.00	3.55	0.62	19.00	1.09	739.00
TL13333	35.0	36.0	303776	0.50	4.03	33.00	779.00	1.00	0.50	1.88	2.00	28.00	97.00	53.00	3.53	0.50	18.00	0.95	543.00
TL13333	36.0	37.0	303777	0.50	3.97	31.00	547.00	1.00	0.50	1.82	2.00	11.00	6.00	11.00	2.06	0.36	14.00	0.81	312.00
TL13333	37.0	38.0	303778	0.50	3.75	34.00	528.00	1.00	0.50	2.31	2.00	10.00	22.00	15.00	2.32	0.42	15.00	1.04	499.00
TL13333	38.0	39.5	303779	0.50	5.44	67.00	780.00	1.00	0.50	1.78	2.00	12.00	27.00	13.00	2.20	0.06	18.00	1.07	511.00
TL13333	39.5	41.0	1377687	0.50	3.40	53.00	404.00	1.00	36.00	2.02	2.00	13.00	81.00	19.00	2.57	0.63	10.00	1.14	588.00
TL13333	41.0	42.0	1377688	0.50	2.85	39.00	377.00	1.00	24.00	1.34	2.00	12.00	76.00	17.00	2.65	0.61	7.00	0.77	449.00
TL13333	42.0	43.5	1377689	0.50	1.16	76.00	209.00	2.00	23.00	0.42	2.00	13.00	57.00	23.00	2.68	0.49	3.00	0.40	171.00
TL13333	43.5	45.0	1377691	0.50	3.11	19.00	276.00	1.00	23.00	2.04	2.00	5.00	19.00	2.00	1.57	0.57	11.00	1.29	566.00
TL13333	45.0	46.5	1377692	0.50	3.57	31.00	364.00	1.00	0.50	1.97	2.00	6.00	22.00	0.50	1.71	0.58	11.00	1.10	512.00
TL13333	46.5	48.0	1377693	0.50	4.20	29.00	233.00	2.00	26.00	2.25	2.00	9.00	50.00	12.00	1.88	0.68	14.00	1.28	513.00
TL13333	48.0	49.5	1377694	0.50	2.96	43.00	188.00	2.00	25.00	0.64	2.00	20.00	121.00	72.00	4.00	0.17	11.00	1.32	515.00
TL13333	49.5	51.0	1377696	0.50	4.32	24.00	188.00	1.00	20.00	1.09	2.00	16.00	120.00	44.00	2.98	0.36	15.00	1.33	498.00
TL13333	49.5	51.0	1377695	0.50	4.18	23.00	183.00	1.00	15.00	1.08	2.00	17.00	121.00	50.00	3.12	0.42	15.00	1.35	518.00
TL13333	51.0	52.5	1377697	0.50	4.46	7.00	196.00	2.00	10.00	1.06	2.00	17.00	135.00	40.00	3.51	0.43	18.00	1.55	609.00
TL13333	52.5	54.0	1377698	2.00	3.15	55.00	194.00	2.00	4.00	0.28	2.00	17.00	117.00	32.00	2.63	0.31	7.00	0.68	231.00
TL13333	54.0	55.5	1377699	1.00	4.57	59.00	249.00	2.00	22.00	0.34	2.00	16.00	128.00	63.00	2.80	0.37	10.00	0.69	227.00
TL13333	55.5	57.0	1377701	0.50	3.99	9.00	190.00	2.00	38.00	0.61	2.00	15.00	103.00	36.00	3.30	0.48	14.00	1.74	565.00
TL13333	57.0	58.5	1377702	0.50	3.37	29.00	197.00	1.00	15.00	0.91	2.00	16.00	115.00	43.00	3.13	0.43	10.00	1.38	489.00
TL13333	58.5	60.0	1377703	0.50	4.25	59.00	212.00	2.00	14.00	1.36	2.00	15.00	132.00	31.00	3.37	0.35	17.00	1.59	644.00
TL13333	60.0	61.5	1377704	0.50	4.66	26.00	298.00	3.00	9.00	1.45	10.00	16.00	102.00	44.00	3.42	0.36	21.00	1.52	598.00
TL13333	61.5	63.0	1377705	0.50	4.39	35.00	327.00	1.00	18.00	1.94	2.00	6.00	26.00	31.00	1.53	0.39	15.00	1.05	484.00
TL13333	63.0	64.0	1377706	0.50	4.19	30.00	341.00	1.00	18.00	1.58	2.00	5.00	22.00	33.00	1.34	0.45	15.00	1.05	545.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13333	21.3	22.0	303759	0.50	54.00	558.00	0.50	0.80	2.50	8.00	5.00	231.00	2892.00	1.00	101.00	5.00	15.00	47.00
TL13333	22.0	23.0	303761	0.50	57.00	531.00	3.00	0.86	2.50	9.00	12.00	235.00	2979.00	1.00	106.00	5.00	13.00	53.00
TL13333	23.0	24.0	303762	0.50	42.00	578.00	0.50	0.52	2.50	6.00	10.00	218.00	2894.00	1.00	89.00	5.00	10.00	85.00
TL13333	24.0	25.0	303763	0.50	8.00	555.00	10.00	0.70	8.00	5.00	5.00	188.00	2168.00	1.00	41.00	5.00	6.00	75.00
TL13333	25.0	26.0	303764	0.50	8.00	542.00	6.00	0.63	2.50	14.00	5.00	189.00	1899.00	1.00	39.00	5.00	6.00	48.00
TL13333	26.0	27.0	303765	0.50	7.00	523.00	0.50	0.58	2.50	16.00	13.00	186.00	1890.00	1.00	39.00	5.00	5.00	45.00
TL13333	26.0	27.0	303766	1.00	8.00	496.00	0.50	0.49	2.50	8.00	10.00	196.00	1747.00	1.00	35.00	5.00	6.00	34.00
TL13333	27.0	28.0	303767	0.50	8.00	542.00	0.50	0.43	2.50	15.00	5.00	198.00	2038.00	1.00	38.00	5.00	5.00	59.00
TL13333	28.0	29.0	303768	0.50	13.00	556.00	2.00	0.47	2.50	13.00	13.00	205.00	2234.00	1.00	46.00	5.00	5.00	45.00
TL13333	29.0	30.0	303769	0.50	59.00	526.00	16.00	0.55	2.50	6.00	11.00	204.00	2701.00	1.00	97.00	5.00	9.00	85.00
TL13333	30.0	31.0	303771	0.50	71.00	517.00	19.00	0.35	2.50	9.00	12.00	170.00	3525.00	1.00	123.00	5.00	9.00	108.00
TL13333	31.0	32.0	303772	0.50	62.00	517.00	51.00	0.57	2.50	18.00	13.00	182.00	2663.00	1.00	108.00	5.00	8.00	140.00
TL13333	32.0	33.0	303773	0.50	63.00	496.00	36.00	0.70	5.00	6.00	5.00	208.00	2966.00	1.00	102.00	5.00	11.00	106.00
TL13333	33.0	34.0	303774	1.00	33.00	390.00	15.00	0.24	2.50	7.00	5.00	152.00	1986.00	1.00	52.00	5.00	10.00	60.00
TL13333	34.0	35.0	303775	0.50	59.00	479.00	8.00	0.74	2.50	13.00	13.00	142.00	2976.00	1.00	92.00	5.00	12.00	60.00
TL13333	35.0	36.0	303776	0.50	48.00	392.00	6.00	1.06	2.50	2.50	14.00	165.00	2499.00	1.00	84.00	5.00	9.00	53.00
TL13333	36.0	37.0	303777	0.50	8.00	549.00	0.50	0.60	2.50	14.00	12.00	181.00	1762.00	1.00	40.00	5.00	6.00	50.00
TL13333	37.0	38.0	303778	0.50	14.00	572.00	0.50	0.70	2.50	12.00	12.00	184.00	1854.00	1.00	46.00	5.00	7.00	70.00
TL13333	38.0	39.5	303779	0.50	17.00	589.00	16.00	0.86	2.50	14.00	13.00	170.00	2236.00	1.00	48.00	5.00	8.00	91.00
TL13333	39.5	41.0	1377687	0.50	46.00	465.00	44.00	1.24	2.50	12.00	5.00	118.00	1465.00	1.00	48.00	5.00	11.00	83.00
TL13333	41.0	42.0	1377688	1.00	46.00	514.00	123.00	1.36	2.50	6.00	5.00	83.00	1499.00	1.00	44.00	5.00	9.00	174.00
TL13333	42.0	43.5	1377689	1.00	45.00	430.00	51.00	1.99	2.50	2.50	5.00	53.00	884.00	1.00	31.00	5.00	8.00	39.00
TL13333	43.5	45.0	1377691	0.50	18.00	468.00	19.00	0.65	2.50	2.50	5.00	93.00	1100.00	5.00	21.00	5.00	5.00	40.00
TL13333	45.0	46.5	1377692	0.50	23.00	519.00	37.00	0.65	2.50	6.00	5.00	99.00	1269.00	1.00	25.00	5.00	5.00	50.00
TL13333	46.5	48.0	1377693	0.50	33.00	463.00	27.00	0.57	2.50	5.00	5.00	105.00	1421.00	7.00	38.00	5.00	8.00	56.00
TL13333	48.0	49.5	1377694	4.00	101.00	522.00	30.00	1.46	2.50	2.50	5.00	48.00	1531.00	1.00	70.00	5.00	10.00	120.00
TL13333	49.5	51.0	1377696	1.00	66.00	424.00	28.00	0.87	2.50	11.00	5.00	64.00	1517.00	3.00	62.00	5.00	9.00	209.00
TL13333	49.5	51.0	1377695	1.00	76.00	452.00	23.00	0.97	2.50	2.50	5.00	63.00	1487.00	1.00	62.00	11.00	10.00	344.00
TL13333	51.0	52.5	1377697	3.00	80.00	437.00	29.00	0.73	2.50	2.50	5.00	60.00	1667.00	1.00	70.00	5.00	11.00	102.00
TL13333	52.5	54.0	1377698	1.00	75.00	461.00	179.00	1.23	2.50	6.00	5.00	39.00	1040.00	1.00	64.00	5.00	8.00	115.00
TL13333	54.0	55.5	1377699	2.00	68.00	508.00	162.00	1.49	2.50	5.00	5.00	48.00	1164.00	1.00	76.00	15.00	8.00	492.00
TL13333	55.5	57.0	1377701	0.50	66.00	413.00	47.00	1.00	2.50	2.50	5.00	46.00	1248.00	1.00	59.00	5.00	8.00	81.00
TL13333	57.0	58.5	1377702	3.00	81.00	477.00	77.00	1.17	2.50	2.50	5.00	56.00	1178.00	1.00	57.00	5.00	9.00	171.00
TL13333	58.5	60.0	1377703	2.00	72.00	517.00	45.00	1.33	2.50	2.50	5.00	82.00	1711.00	1.00	63.00	5.00	13.00	92.00
TL13333	60.0	61.5	1377704	0.50	62.00	453.00	52.00	0.96	2.50	8.00	5.00	100.00	1962.00	1.00	64.00	48.00	13.00	2364.00
TL13333	61.5	63.0	1377705	0.50	26.00	428.00	58.00	0.41	2.50	8.00	5.00	109.00	1340.00	1.00	28.00	5.00	6.00	121.00
TL13333	63.0	64.0	1377706	0.50	21.00	443.00	44.00	0.41	2.50	14.00	5.00	89.00	1364.00	1.00	27.00	5.00	6.00	122.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13333	64.0	65.0	1377707	2.00	1.92	86.00	252.00	1.00	13.00	0.35	2.00	12.00	81.00	69.00	2.17	0.42	6.00	0.46	189.00
TL13333	65.0	66.5	1377708	0.50	3.27	43.00	351.00	1.00	27.00	1.56	2.00	8.00	31.00	31.00	1.80	0.37	12.00	1.02	684.00
TL13333	66.5	67.5	1377709	2.00	4.43	65.00	411.00	2.00	27.00	1.17	2.00	9.00	55.00	73.00	2.13	0.28	13.00	0.84	395.00
TL13333	67.5	69.0	1377711	0.50	3.76	37.00	224.00	2.00	29.00	1.52	2.00	18.00	127.00	36.00	3.57	0.41	15.00	1.87	627.00
TL13333	69.0	70.0	1377712	2.00	3.18	29.00	225.00	2.00	19.00	0.12	2.00	23.00	124.00	45.00	4.50	0.41	17.00	1.76	542.00
TL13333	70.0	71.5	1377713	0.50	3.37	74.00	216.00	2.00	11.00	0.82	2.00	16.00	111.00	55.00	3.35	0.36	12.00	1.43	461.00
TL13333	71.5	73.0	1377714	0.50	3.31	33.00	208.00	1.00	29.00	1.21	2.00	17.00	123.00	38.00	3.25	0.37	11.00	1.49	526.00
TL13333	73.0	74.5	1377715	0.50	1.37	83.00	210.00	2.00	0.50	0.53	2.00	11.00	54.00	22.00	2.27	0.15	6.00	0.74	315.00
TL13333	73.0	74.5	1377716	0.50	1.26	71.00	197.00	1.00	7.00	0.44	2.00	12.00	59.00	26.00	2.35	0.54	6.00	0.76	308.00
TL13333	74.5	75.5	1377717	0.50	2.97	34.00	296.00	2.00	14.00	1.61	2.00	6.00	20.00	6.00	1.42	0.50	8.00	0.96	397.00
TL13333	75.5	76.5	1377718	2.00	3.60	57.00	373.00	1.00	13.00	0.84	7.00	6.00	24.00	101.00	2.02	0.37	12.00	0.67	268.00
TL13333	76.5	78.0	1377719	0.50	3.45	45.00	340.00	1.00	14.00	1.44	2.00	6.00	23.00	20.00	1.57	0.44	12.00	0.97	600.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13333	64.0	65.0	1377707	3.00	51.00	377.00	253.00	1.39	2.50	5.00	5.00	38.00	1343.00	1.00	40.00	16.00	8.00	534.00
TL13333	65.0	66.5	1377708	0.50	30.00	437.00	100.00	0.81	5.00	7.00	5.00	67.00	1303.00	1.00	29.00	5.00	6.00	221.00
TL13333	66.5	67.5	1377709	1.00	41.00	454.00	163.00	1.07	2.50	5.00	5.00	77.00	1471.00	1.00	40.00	16.00	8.00	469.00
TL13333	67.5	69.0	1377711	2.00	75.00	457.00	50.00	1.08	2.50	11.00	5.00	88.00	1798.00	5.00	68.00	5.00	12.00	220.00
TL13333	69.0	70.0	1377712	0.50	89.00	465.00	236.00	1.35	2.50	2.50	5.00	39.00	1969.00	2.00	79.00	16.00	11.00	551.00
TL13333	70.0	71.5	1377713	0.50	68.00	463.00	100.00	1.27	2.50	5.00	5.00	64.00	1516.00	2.00	60.00	5.00	9.00	207.00
TL13333	71.5	73.0	1377714	2.00	76.00	431.00	44.00	0.96	2.50	7.00	5.00	77.00	1629.00	2.00	65.00	5.00	11.00	127.00
TL13333	73.0	74.5	1377715	0.50	43.00	387.00	47.00	1.19	2.50	2.50	5.00	36.00	1153.00	1.00	37.00	16.00	7.00	664.00
TL13333	73.0	74.5	1377716	0.50	46.00	379.00	44.00	1.18	2.50	5.00	5.00	32.00	1129.00	1.00	39.00	15.00	7.00	512.00
TL13333	74.5	75.5	1377717	0.50	19.00	418.00	31.00	0.42	2.50	7.00	5.00	72.00	1212.00	3.00	24.00	5.00	5.00	39.00
TL13333	75.5	76.5	1377718	2.00	21.00	371.00	210.00	1.21	2.50	7.00	5.00	55.00	1414.00	1.00	29.00	43.00	5.00	2118.00
TL13333	76.5	78.0	1377719	0.50	20.00	396.00	64.00	0.67	2.50	7.00	5.00	62.00	1278.00	4.00	26.00	11.00	5.00	248.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13333	21.3	63.1	41.8	PO	BLB	0.1	
TL13333	21.3	63.1	41.8	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL13333	21.3	63.1	41.8	PY	ST	1	1% py in 1-5mm wide stringers oriented semi-parallel to foliation w/ local blebs
TL13333	21.3	63.1	41.8	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13333	63.1	67.3	4.3	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins
TL13333	63.1	67.3	4.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and in qtz veins w/ py and cpy
TL13333	63.1	67.3	4.3	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13333	63.1	67.3	4.3	PY	DISS	1	1% disseminated py throughout
TL13333	63.1	67.3	4.3	PY	ST	1	1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13333	63.1	67.3	4.3	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13333	67.3	102.0	34.7	PY	DISS	0.1	Trace to 1% disseminated py
TL13333	67.3	102.0	34.7	PY	ST	1	1% py in 1-7mm wide stringers oriented semi-parallel to foliation
TL13333	67.3	102.0	34.7	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13333	67.3	102.0	34.7	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13333	67.3	102.0	34.7	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-chl veins

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13333	21.3	58.0	36.8	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13333	21.3	63.1	41.8	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13333	46.0	46.3	0.3	Fold	Moderate	35	Large F2 sheath fold oriented at 35 deg TCA
TL13333	46.0	46.3	0.3	Fold	Moderate	25	Large F2 sheath fold oriented at 25 deg TCA
TL13333	58.0	63.1	5.1	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13333	63.1	67.3	4.3	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13333	67.3	71.2	3.8	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13333	67.3	102.0	34.7	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13333	71.2	102.0	30.8	FOL	Strong	65	Strong foliation at 65 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13333	21.3	41.5	20.2	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13333	21.3	63.1	41.8	SI	Patchy	Weak	Weak to moderate patchy sil alt
TL13333	41.5	43.5	2.0	SR	Patchy	Very Strong	V. strong patch of ser alt, 90% ser to 10% bio over a short interval
TL13333	43.5	63.1	19.6	SR	Patchy	Weak	Weak to moderate patchy ser alt, 35-40% ser to 60-65% bio
TL13333	63.1	67.3	4.3	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13333	63.1	67.3	4.3	SI	Patchy	Weak	Weak patchy sil alt
TL13333	67.3	73.1	5.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13333	67.3	102.0	34.7	SI	Patchy	Moderate	Moderate patchy sil alt
TL13333	73.1	77.5	4.4	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13333	77.5	102.0	24.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13333	24	27	3	3.04	2.79	101.33	93	12	
TL13333	27	30	3	2.97	2.77	99	92.33	11	
TL13333	30	33	3	2.95	2.84	98.33	94.67	13	
TL13333	33	36	3	3	2.36	100	78.67	17	
TL13333	36	39	3	2.92	2.92	97.33	97.33	6	
TL13333	39	42	3	3.01	2.67	100.33	89		
TL13333	42	45	3	2.98	2.56	99.33	85.33	14	
TL13333	45	48	3	2.93	2.81	97.67	93.67	10	
TL13333	48	51	3	3	2.6	100	86.67	12	
TL13333	51	54	3	3	1.97	100	65.67	21	
TL13333	54	57	3	3.02	1.61	100.67	53.67	32	
TL13333	57	60	3	2.75	1.9	91.67	63.33	17	
TL13333	60	63	3	2.99	2.64	99.67	88	11	
TL13333	63	66	3	3.04	2.75	101.33	91.67	11	
TL13333	66	69	3	3.02	2.79	100.67	93	9	
TL13333	69	72	3	2.85	1.81	95	60.33	23	
TL13333	72	75	3	2.99	1.92	99.67	64	33	
TL13333	75	78	3	2.98	2.98	99.33	99.33	6	
TL13333	78	81	3	3	3	100	100	7	
TL13333	81	84	3	2.98	2.1	99.33	70	15	
TL13333	84	87	3	2.97	2.89	99	96.33	9	
TL13333	87	90	3	2.96	2.78	98.67	92.67	6	
TL13333	90	93	3	3	2.91	100	97	7	
TL13333	93	96	3	2.97	2.84	99	94.67	7	
TL13333	96	99	3	3.01	2.56	100.33	85.33	10	
TL13333	99	102	3	2.96	2.96	98.67	98.67	7	

Hole Number: TL13334

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512023.76	North:	Collar Az: 0.00
Location: Zealand Township	East: 528075.17	East:	Length: 102.00
	Elev: 395.01	Elev:	Start Depth: 0.00
Date Started: Feb 25, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 25, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 102.00

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

MSS Possible end of C-Zone from 16.70m-27.64m

This MSS unit may be the tail end of the C-Zone and has moderate patchy sericitic alteration and moderate to strong patchy silicification. This unit is very poorly mineralized with only trace disseminated pyrite, and trace pyrite in stringers.

MSS D-Zone from 72.75m-83.54m

This D-Zone MSS unit has strong patchy sericitic alteration and moderate to weak patchy silicification. This unit is moderately mineralized with 1% disseminated pyrite, 1% pyrite in stringers, trace to 1% sphalerite in stringers, trace chalcopyrite blebs, and trace galena blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0	-46.00	EZ Sho	OK		27.00	359.70	-45.60	EZ Sho	OK	
54.00	357.90	-43.70	EZ Sho	OK		102.00	357.10	-43.10	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	16.70	OB, Overburden									
16.70	27.64	MSS, Muscovite Sericite Schist	1377807	16.70	18.00	1.30	0.00				
		MSS Possible end of C-Zone from 16.70m-27.64m	1377808	18.00	19.50	1.50	0.00				
		This MSS unit may be the tail end of the C-Zone and has moderate patchy sericitic alteration and moderate to strong patchy silicification. This unit is very poorly mineralized with only trace disseminated pyrite, and trace pyrite in stringers.	1377809	19.50	21.00	1.50	0.01				
			1377811	21.00	22.50	1.50	0.01				
			1377812	22.50	24.00	1.50	0.00				
			1377813	24.00	25.50	1.50	0.01				
			1377814	25.50	27.00	1.50	0.02				
			1377816	27.00	28.00	1.00	0.04				
			1377815	27.00	28.00	1.00	0.04				

Hole Number: TL13334

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
27.64	72.75	BMS, Biotite Muscovite Schist This BMS unit has moderate patchy sericitic alteration, moderate to weak patchy silicification and very weak patchy chloritic alteration. This unit is moderately mineralized for BMS with 2% pyrite in stringers, 1% disseminated pyrite, trace to 1% sphalerite in stringers, trace galena in blebs, trace pythotite blebs, and trace chalcopyrite blebs.	1377817	28.00	29.50	1.50	0.01				
			1377818	29.50	31.00	1.50	0.00				
			1377819	31.00	32.50	1.50	0.00				
			1377821	32.50	34.00	1.50	0.01				
			1377822	34.00	35.50	1.50	0.01				
			1377823	35.50	37.00	1.50	0.01				
			1377824	37.00	38.50	1.50	0.10				
			1377825	38.50	40.00	1.50	0.03				
			1377826	40.00	41.50	1.50	0.04				
			1377827	41.50	43.00	1.50	0.10				
			1377828	43.00	44.50	1.50	0.06				
			1377829	44.50	46.00	1.50	0.04				
			1377831	46.00	47.50	1.50	0.07				
			1377832	47.50	49.00	1.50	0.11				
			1377833	49.00	50.50	1.50	0.32				
			1377834	50.50	52.00	1.50	0.11				
			1377835	52.00	53.50	1.50	0.05				
			1377836	52.00	53.50	1.50	0.04				
			1377837	53.50	55.00	1.50	0.07				
			1377838	55.00	56.50	1.50	0.43				
			1377839	56.50	57.50	1.00	0.55				
			1377841	57.50	58.50	1.00	0.23				
			1377842	58.50	60.00	1.50	0.17				
			1377843	60.00	61.50	1.50	0.13				
			1377844	61.50	63.00	1.50	0.16				
			1377845	63.00	64.50	1.50	0.49				
			1377846	64.50	66.00	1.50	0.16				
			1377847	66.00	67.50	1.50	0.23				
			1377848	67.50	69.00	1.50	0.24				
			1377849	69.00	70.50	1.50	0.19				
			1377851	70.50	71.50	1.00	1.57				
			1377852	71.50	72.80	1.30	0.32				
72.75	83.54	MSS, Muscovite Sericite Schist MSS D-Zone from 72.75m-83.54m This D-Zone MSS unit has strong patchy sericitic alteration and moderate to weak patchy silicification. This unit is moderately mineralized with 1% disseminated pyrite, 1% pyrite in stringers, trace to 1% sphalerite in stringers, trace chalcopyrite blebs, and trace galena blebs.	1377853	72.80	73.80	1.00	1.83				
			1377854	73.80	75.00	1.20	0.11				
			1377855	75.00	76.50	1.50	0.23				
			1377856	75.00	76.50	1.50	0.29				
			1377857	76.50	78.00	1.50	0.29				
			1377858	78.00	79.50	1.50	3.23				
			1377859	79.50	81.00	1.50	0.25				
			1377861	81.00	82.50	1.50	0.28				
			1377862	82.50	83.50	1.00	1.84				
			1377863	83.50	85.00	1.50	0.11				

Hole Number: TL13334

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
83.54	102.00	BMS, Biotite Muscovite Schist	1377864	85.00	86.50	1.50	0.21				
		This BMS unit has very weak to weak patchy sericitic alteration and moderate patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, trace pyrite in stringers, and trace sphalerite in stringers.	1377865	86.50	88.00	1.50	0.12				
			1377866	88.00	89.50	1.50	0.06				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377807	16.70	18.00	0.0020				
1377808	18.00	19.50	0.0040				
1377809	19.50	21.00	0.0080				
1377811	21.00	22.50	0.0080				
1377812	22.50	24.00	0.0040				
1377813	24.00	25.50	0.0080				
1377814	25.50	27.00	0.0180				
1377815	27.00	28.00	0.0410				
1377817	28.00	29.50	0.0050				
1377818	29.50	31.00	0.0005				
1377819	31.00	32.50	0.0040				
1377821	32.50	34.00	0.0070				
1377822	34.00	35.50	0.0070				
1377823	35.50	37.00	0.0050				
1377824	37.00	38.50	0.1030				
1377825	38.50	40.00	0.0310				
1377826	40.00	41.50	0.0350				
1377827	41.50	43.00	0.1010				
1377828	43.00	44.50	0.0560				
1377829	44.50	46.00	0.0380				
1377831	46.00	47.50	0.0650				
1377832	47.50	49.00	0.1080				
1377833	49.00	50.50	0.3220				
1377834	50.50	52.00	0.1100				
1377835	52.00	53.50	0.0500				
1377837	53.50	55.00	0.0690				
1377838	55.00	56.50	0.4290				
1377839	56.50	57.50	0.5480				
1377841	57.50	58.50	0.2270				
1377842	58.50	60.00	0.1730				
1377843	60.00	61.50	0.1340				
1377844	61.50	63.00	0.1610				

Hole Number: TL13334

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377845	63.00	64.50	0.4910				
1377846	64.50	66.00	0.1560				
1377847	66.00	67.50	0.2330				
1377848	67.50	69.00	0.2410				
1377849	69.00	70.50	0.1930				
1377851	70.50	71.50	1.5710				
1377852	71.50	72.80	0.3220				
1377853	72.80	73.80	1.8310				
1377854	73.80	75.00	0.1140				
1377855	75.00	76.50	0.2300				
1377857	76.50	78.00	0.2920				
1377858	78.00	79.50	3.2340				
1377859	79.50	81.00	0.2510				
1377861	81.00	82.50	0.2790				
1377862	82.50	83.50	1.8360				
1377863	83.50	85.00	0.1100				
1377864	85.00	86.50	0.2120				
1377865	86.50	88.00	0.1150				
1377866	88.00	89.50	0.0620				
Sample Type	CDUP						
1377816	27.00	28.00	0.0390				
1377836	52.00	53.50	0.0440				
1377856	75.00	76.50	0.2940				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13334	16.7	18.0	1377807	0.50	5.50	25.00	408.00	2.00	4.00	1.96	2.00	8.00	12.00	31.00	0.83	0.05	12.00	0.84	344.00
TL13334	18.0	19.5	1377808	0.50	7.13	48.00	461.00	2.00	29.00	2.34	2.00	9.00	17.00	61.00	1.11	0.18	15.00	0.97	443.00
TL13334	19.5	21.0	1377809	0.50	6.08	30.00	409.00	2.00	6.00	1.73	2.00	8.00	14.00	25.00	1.40	0.13	15.00	0.76	355.00
TL13334	21.0	22.5	1377811	0.50	5.83	23.00	406.00	1.00	5.00	1.89	2.00	9.00	13.00	14.00	1.72	0.08	16.00	0.86	445.00
TL13334	22.5	24.0	1377812	0.50	6.27	47.00	442.00	2.00	18.00	2.30	2.00	11.00	13.00	9.00	1.44	0.07	14.00	1.29	444.00
TL13334	24.0	25.5	1377813	0.50	7.29	31.00	535.00	2.00	29.00	2.32	2.00	9.00	11.00	14.00	1.64	0.15	17.00	1.37	390.00
TL13334	25.5	27.0	1377814	2.00	6.12	31.00	535.00	2.00	13.00	1.57	2.00	12.00	32.00	15.00	1.62	0.16	17.00	1.01	358.00
TL13334	27.0	28.0	1377816	4.00	5.78	41.00	566.00	2.00	18.00	1.61	2.00	23.00	137.00	53.00	3.43	0.11	16.00	0.93	513.00
TL13334	27.0	28.0	1377815	3.00	5.94	39.00	544.00	2.00	12.00	1.75	2.00	24.00	133.00	53.00	3.55	0.16	16.00	0.99	560.00
TL13334	28.0	29.5	1377817	1.00	5.35	13.00	436.00	2.00	7.00	2.13	2.00	13.00	46.00	23.00	2.15	0.26	11.00	1.09	438.00
TL13334	29.5	31.0	1377818	0.50	5.81	4.00	470.00	2.00	14.00	2.58	2.00	11.00	15.00	6.00	1.85	0.28	11.00	1.21	461.00
TL13334	31.0	32.5	1377819	0.50	5.83	8.00	607.00	2.00	12.00	2.10	2.00	9.00	15.00	12.00	1.82	0.36	17.00	1.09	445.00
TL13334	32.5	34.0	1377821	0.50	5.73	12.00	589.00	2.00	15.00	2.19	2.00	10.00	24.00	14.00	1.99	0.33	15.00	1.06	412.00
TL13334	34.0	35.5	1377822	1.00	6.12	11.00	600.00	2.00	31.00	2.45	2.00	9.00	15.00	16.00	1.77	0.25	11.00	1.01	323.00
TL13334	35.5	37.0	1377823	0.50	5.95	4.00	556.00	2.00	8.00	2.60	2.00	9.00	16.00	17.00	1.89	0.19	15.00	1.17	397.00
TL13334	37.0	38.5	1377824	3.00	5.27	43.00	573.00	3.00	17.00	1.47	2.00	19.00	101.00	57.00	2.49	0.26	12.00	0.86	338.00
TL13334	38.5	40.0	1377825	0.50	5.31	22.00	784.00	2.00	15.00	1.00	2.00	9.00	22.00	11.00	1.64	0.19	9.00	0.71	255.00
TL13334	40.0	41.5	1377826	2.00	5.76	29.00	715.00	2.00	22.00	1.29	2.00	10.00	16.00	7.00	1.86	0.45	14.00	0.87	343.00
TL13334	41.5	43.0	1377827	1.00	5.09	39.00	582.00	2.00	13.00	1.62	2.00	19.00	105.00	37.00	2.66	0.45	13.00	1.03	510.00
TL13334	43.0	44.5	1377828	2.00	5.62	26.00	506.00	2.00	14.00	1.83	2.00	23.00	133.00	41.00	3.15	0.37	15.00	1.16	631.00
TL13334	44.5	46.0	1377829	0.50	4.93	16.00	376.00	2.00	22.00	1.82	2.00	20.00	129	37.00	2.88	0.53	13.00	1.02	565.00
TL13334	46.0	47.5	1377831	1.00	5.43	19.00	393.00	2.00	7.00	2.22	2.00	22.00	132.00	44.00	3.42	0.43	15.00	1.28	668.00
TL13334	47.5	49.0	1377832	0.50	6.38	29.00	599.00	2.00	29.00	1.48	2.00	11.00	35.00	13.00	2.28	0.32	15.00	0.91	473.00
TL13334	49.0	50.5	1377833	0.50	5.78	28.00	457.00	2.00	43.00	1.91	2.00	9.00	19.00	4.00	1.95	0.44	14.00	0.88	551.00
TL13334	50.5	52.0	1377834	0.50	5.37	33.00	473.00	2.00	17.00	2.13	2.00	11.00	19.00	16.00	2.22	0.23	16.00	1.08	664.00
TL13334	52.0	53.5	1377836	0.50	7.27	30.00	487.00	3.00	42.00	3.45	2.00	9.00	21.00	5.00	2.25	0.47	19.00	1.34	864.00
TL13334	52.0	53.5	1377835	0.50	7.31	22.00	486.00	2.00	17.00	3.37	2.00	10.00	20.00	6.00	2.10	0.44	17.00	1.29	828.00
TL13334	53.5	55.0	1377837	1.00	5.87	25.00	384.00	2.00	9.00	2.91	2.00	10.00	30.00	12.00	1.91	0.53	10.00	0.96	690.00
TL13334	55.0	56.5	1377838	2.00	4.88	72.00	382.00	2.00	19.00	1.24	2.00	19.00	106.00	54.00	3.39	0.38	7.00	0.91	558.00
TL13334	56.5	57.5	1377839	2.00	4.97	72.00	457.00	1.00	5.00	0.32	4.00	8.00	30.00	56.00	2.11	0.37	9.00	0.45	150.00
TL13334	57.5	58.5	1377841	2.00	5.30	56.00	592.00	2.00	20.00	1.33	5.00	8.00	37.00	22.00	1.98	0.23	13.00	0.87	357.00
TL13334	58.5	60.0	1377842	2.00	7.06	73.00	454.00	3.00	25.00	2.23	2.00	21.00	105.00	147.00	3.37	0.34	23.00	1.38	637.00
TL13334	60.0	61.5	1377843	1.00	5.82	57.00	280.00	2.00	22.00	1.40	2.00	21.00	150.00	58.00	3.48	0.17	17.00	1.45	593.00
TL13334	61.5	63.0	1377844	1.00	6.12	95.00	266.00	2.00	26.00	1.58	2.00	20.00	152.00	39.00	3.39	0.50	13.00	1.40	611.00
TL13334	63.0	64.5	1377845	1.00	6.22	112.00	294.00	3.00	26.00	0.64	2.00	20.00	149.00	27.00	3.44	0.42	14.00	0.87	285.00
TL13334	64.5	66.0	1377846	1.00	6.58	71.00	319.00	2.00	9.00	1.53	2.00	21.00	163.00	34.00	3.20	0.65	14.00	1.18	456.00
TL13334	66.0	67.5	1377847	1.00	4.85	29.00	332.00	2.00	33.00	0.39	2.00	17.00	123.00	84.00	3.37	0.41	9.00	0.92	305.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13334	16.7	18.0	1377807	0.50	15.00	50.00	20.00	0.54	2.50	2.50	5.00	175.00	1766.00	1.00	37.00	5.00	6.00	156.00
TL13334	18.0	19.5	1377808	1.00	21.00	1230.00	38.00	0.92	2.50	6.00	5.00	210.00	1866.00	10.00	38.00	5.00	8.00	243.00
TL13334	19.5	21.0	1377809	0.50	17.00	1241.00	12.00	1.09	2.50	2.50	5.00	183.00	1888.00	1.00	36.00	5.00	7.00	73.00
TL13334	21.0	22.5	1377811	0.50	16.00	50.00	10.00	1.39	2.50	2.50	5.00	195.00	1894.00	5.00	37.00	5.00	7.00	53.00
TL13334	22.5	24.0	1377812	0.50	19.00	50.00	19.00	1.70	2.50	8.00	5.00	224.00	1620.00	1.00	34.00	5.00	6.00	56.00
TL13334	24.0	25.5	1377813	0.50	14.00	1312.00	14.00	2.12	2.50	6.00	5.00	232.00	1601.00	4.00	37.00	5.00	7.00	192.00
TL13334	25.5	27.0	1377814	0.50	20.00	2103.00	23.00	1.95	2.50	8.00	5.00	172.00	1955.00	1.00	46.00	5.00	8.00	266.00
TL13334	27.0	28.0	1377816	0.50	67.00	1496.00	43.00	3.63	2.50	2.50	5.00	147.00	2323.00	1.00	82.00	5.00	16.00	200.00
TL13334	27.0	28.0	1377815	2.00	64.00	323.00	36.00	3.77	2.50	2.50	5.00	145.00	2340.00	1.00	79.00	5.00	16.00	284.00
TL13334	28.0	29.5	1377817	4.00	32.00	50.00	21.00	1.80	2.50	2.50	5.00	161.00	1536.00	6.00	38.00	5.00	8.00	70.00
TL13334	29.5	31.0	1377818	0.50	22.00	905.00	8.00	0.86	2.50	2.50	5.00	183.00	1711.00	1.00	35.00	5.00	6.00	143.00
TL13334	31.0	32.5	1377819	0.50	21.00	1051.00	11.00	0.89	2.50	5.00	5.00	193.00	1828.00	5.00	35.00	5.00	7.00	94.00
TL13334	32.5	34.0	1377821	0.50	27.00	439.00	14.00	1.13	2.50	6.00	5.00	181.00	1758.00	4.00	40.00	5.00	7.00	53.00
TL13334	34.0	35.5	1377822	0.50	18.00	189.00	21.00	1.23	2.50	8.00	5.00	191.00	1578.00	1.00	35.00	5.00	7.00	53.00
TL13334	35.5	37.0	1377823	1.00	22.00	50.00	46.00	1.34	2.50	2.50	5.00	237.00	1708.00	2.00	38.00	14.00	7.00	63.00
TL13334	37.0	38.5	1377824	2.00	58.00	392.00	119.00	2.45	6.00	2.50	5.00	165.00	2086.00	2.00	73.00	10.00	13.00	117.00
TL13334	38.5	40.0	1377825	0.50	24.00	50.00	35.00	1.51	2.50	2.50	5.00	132.00	1890.00	1.00	40.00	5.00	6.00	95.00
TL13334	40.0	41.5	1377826	1.00	25.00	770.00	100.00	1.68	2.50	11.00	5.00	125.00	1924.00	4.00	37.00	5.00	6.00	120.00
TL13334	41.5	43.0	1377827	3.00	66.00	50.00	40.00	2.54	2.50	2.50	5.00	121.00	1926.00	5.00	69.00	5.00	13.00	133.00
TL13334	43.0	44.5	1377828	4.00	83.00	682.00	37.00	2.48	2.50	13.00	5.00	145.00	2204.00	6.00	83.00	5.00	15.00	98.00
TL13334	44.5	46.0	1377829	2.00	69.00	632.00	24.00	1.94	2.50	10.00	5.00	161.00	2187.00	4.00	72.00	5.00	13.00	84.00
TL13334	46.0	47.5	1377831	2.00	76.00	690.00	24.00	2.16	2.50	2.50	5.00	168.00	2215.00	2.00	80.00	5.00	15.00	76.00
TL13334	47.5	49.0	1377832	1.00	30.00	1665.00	40.00	2.33	6.00	2.50	5.00	137.00	2012.00	13.00	46.00	10.00	8.00	455.00
TL13334	49.0	50.5	1377833	1.00	23.00	582.00	18.00	1.40	2.50	10.00	5.00	130.00	1824.00	2.00	38.00	5.00	7.00	104.00
TL13334	50.5	52.0	1377834	0.50	25.00	1042.00	61.00	1.71	2.50	2.50	5.00	131.00	1747.00	15.00	36.00	5.00	6.00	275.00
TL13334	52.0	53.5	1377836	0.50	28.00	781.00	20.00	1.67	2.50	2.50	5.00	160.00	1669.00	7.00	37.00	5.00	8.00	69.00
TL13334	52.0	53.5	1377835	0.50	22.00	50.00	21.00	1.56	2.50	14.00	5.00	162.00	1736.00	9.00	37.00	5.00	8.00	66.00
TL13334	53.5	55.0	1377837	1.00	32.00	1620.00	36.00	1.37	2.50	2.50	5.00	140.00	1621.00	6.00	37.00	5.00	8.00	105.00
TL13334	55.0	56.5	1377838	3.00	67.00	50.00	52.00	3.30	2.50	2.50	5.00	81.00	2028.00	1.00	73.00	11.00	12.00	557.00
TL13334	56.5	57.5	1377839	2.00	33.00	341.00	87.00	2.62	2.50	2.50	5.00	64.00	1526.00	6.00	34.00	17.00	7.00	1149.00
TL13334	57.5	58.5	1377841	5.00	51.00	50.00	47.00	1.84	2.50	2.50	5.00	108.00	1745.00	1.00	35.00	24.00	6.00	1325.00
TL13334	58.5	60.0	1377842	3.00	71.00	3067.00	30.00	2.96	6.00	8.00	5.00	135.00	2140.00	12.00	79.00	10.00	13.00	267.00
TL13334	60.0	61.5	1377843	4.00	88.00	50.00	27.00	2.41	2.50	2.50	5.00	88.00	1947.00	1.00	86.00	5.00	12.00	199.00
TL13334	61.5	63.0	1377844	5.00	87.00	240.00	28.00	2.84	2.50	2.50	5.00	89.00	1640.00	1.00	76.00	5.00	13.00	112.00
TL13334	63.0	64.5	1377845	4.00	86.00	808.00	41.00	3.58	2.50	2.50	5.00	70.00	1669.00	1.00	87.00	5.00	12.00	245.00
TL13334	64.5	66.0	1377846	5.00	88.00	1464.00	39.00	3.18	2.50	8.00	5.00	92.00	1595.00	7.00	86.00	5.00	13.00	65.00
TL13334	66.0	67.5	1377847	5.00	87.00	1070.00	147.00	2.30	2.50	2.50	5.00	51.00	1384.00	1.00	76.00	11.00	12.00	479.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13334	67.5	69.0	1377848	0.50	4.99	76.00	309.00	2.00	8.00	1.03	2.00	17.00	108.00	33.00	3.00	0.34	10.00	1.15	409.00
TL13334	69.0	70.5	1377849	0.50	5.25	66.00	244.00	2.00	18.00	0.64	2.00	19.00	126.00	22.00	3.54	0.32	16.00	1.88	549.00
TL13334	70.5	71.5	1377851	8.00	5.55	105.00	334.00	2.00	22.00	1.02	5.00	19.00	139.00	162.00	3.81	0.29	19.00	1.21	394.00
TL13334	71.5	72.8	1377852	1.00	5.43	74.00	315.00	2.00	16.00	1.02	2.00	19.00	121.00	48.00	3.38	0.19	17.00	1.47	565.00
TL13334	72.8	73.8	1377853	8.00	5.58	90.00	399.00	2.00	14.00	0.62	4.00	17.00	110.00	137.00	3.20	0.52	15.00	0.71	258.00
TL13334	73.8	75.0	1377854	0.50	6.34	42.00	479.00	2.00	13.00	1.53	2.00	9.00	33.00	21.00	2.19	0.45	15.00	1.04	386.00
TL13334	75.0	76.5	1377855	2.00	5.41	44.00	416.00	2.00	49.00	1.05	2.00	9.00	34.00	30.00	1.73	0.44	11.00	0.81	414.00
TL13334	75.0	76.5	1377856	3.00	5.36	42.00	375.00	2.00	17.00	1.06	2.00	8.00	36.00	66.00	1.67	0.68	11.00	0.82	417.00
TL13334	76.5	78.0	1377857	4.00	6.07	49.00	475.00	2.00	8.00	1.15	2.00	8.00	28.00	36.00	1.38	0.55	13.00	0.88	518.00
TL13334	78.0	79.5	1377858	3.00	5.68	59.00	394.00	2.00	3.00	1.10	2.00	17.00	82.00	26.00	2.46	0.49	13.00	1.11	529.00
TL13334	79.5	81.0	1377859	2.00	6.56	48.00	412.00	2.00	21.00	0.66	4.00	21.00	145.00	55.00	3.15	0.49	13.00	1.13	432.00
TL13334	81.0	82.5	1377861	2.00	6.99	84.00	316.00	2.00	21.00	1.63	2.00	15.00	110.00	84.00	3.00	0.13	19.00	1.26	494.00
TL13334	82.5	83.5	1377862	24.00	6.43	146.00	354.00	2.00	15.00	1.19	6.00	17.00	108.00	290.00	3.49	0.57	12.00	1.31	581.00
TL13334	83.5	85.0	1377863	2.00	7.46	39.00	504.00	2.00	11.00	1.93	2.00	8.00	34.00	40.00	1.70	0.64	15.00	1.18	713.00
TL13334	85.0	86.5	1377864	2.00	6.14	51.00	515.00	1.00	21.00	1.11	2.00	8.00	31.00	40.00	1.52	0.42	14.00	0.87	394.00
TL13334	86.5	88.0	1377865	1.00	6.60	52.00	523.00	1.00	8.00	1.46	2.00	8.00	30.00	26.00	1.69	0.55	17.00	1.09	564.00
TL13334	88.0	89.5	1377866	0.50	6.45	61.00	471.00	2.00	9.00	1.71	2.00	8.00	34.00	70.00	1.53	0.43	12.00	1.13	595.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13334	67.5	69.0	1377848	4.00	63.00	434.00	63.00	2.63	2.50	6.00	5.00	89.00	1319.00	3.00	61.00	5.00	11.00	164.00
TL13334	69.0	70.5	1377849	2.00	63.00	50.00	73.00	2.19	2.50	2.50	5.00	70.00	1902.00	1.00	69.00	5.00	10.00	114.00
TL13334	70.5	71.5	1377851	5.00	82.00	449.00	1741.00	3.52	6.00	2.50	5.00	83.00	1595.00	5.00	83.00	17.00	12.00	1043.00
TL13334	71.5	72.8	1377852	3.00	63.00	50.00	82.00	2.47	2.50	2.50	5.00	83.00	1803.00	5.00	69.00	5.00	12.00	436.00
TL13334	72.8	73.8	1377853	4.00	57.00	287.00	1081.00	3.61	9.00	2.50	5.00	64.00	1697.00	1.00	63.00	14.00	11.00	1005.00
TL13334	73.8	75.0	1377854	2.00	30.00	50.00	68.00	1.94	2.50	2.50	5.00	97.00	1768.00	1.00	40.00	5.00	8.00	163.00
TL13334	75.0	76.5	1377855	2.00	31.00	50.00	144.00	1.62	2.50	2.50	5.00	71.00	1648.00	1.00	37.00	5.00	7.00	430.00
TL13334	75.0	76.5	1377856	2.00	37.00	2024.00	245.00	1.65	2.50	2.50	5.00	73.00	1551.00	1.00	35.00	14.00	7.00	499.00
TL13334	76.5	78.0	1377857	2.00	28.00	617.00	114.00	1.17	2.50	2.50	5.00	78.00	1864.00	4.00	38.00	13.00	7.00	340.00
TL13334	78.0	79.5	1377858	3.00	61.00	50.00	66.00	1.80	2.50	6.00	5.00	72.00	2066.00	1.00	64.00	10.00	10.00	179.00
TL13334	79.5	81.0	1377859	5.00	88.00	50.00	151.00	2.01	2.50	2.50	5.00	67.00	2403.00	1.00	98.00	12.00	14.00	693.00
TL13334	81.0	82.5	1377861	5.00	66.00	1619.00	87.00	2.77	6.00	2.50	5.00	80.00	1725.00	1.00	68.00	5.00	13.00	281.00
TL13334	82.5	83.5	1377862	6.00	80.00	50.00	950.00	3.14	20.00	2.50	5.00	75.00	1848.00	11.00	72.00	23.00	14.00	1674.00
TL13334	83.5	85.0	1377863	2.00	35.00	968.00	68.00	1.28	6.00	2.50	5.00	95.00	1828.00	1.00	40.00	5.00	9.00	124.00
TL13334	85.0	86.5	1377864	3.00	36.00	50.00	99.00	1.36	2.50	2.50	5.00	68.00	1758.00	4.00	37.00	10.00	7.00	224.00
TL13334	86.5	88.0	1377865	2.00	31.00	50.00	114.00	1.49	2.50	2.50	5.00	86.00	1865.00	1.00	38.00	12.00	8.00	537.00
TL13334	88.0	89.5	1377866	4.00	38.00	50.00	62.00	1.31	2.50	2.50	5.00	87.00	1742.00	1.00	35.00	5.00	8.00	498.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13334	16.7	27.6	10.9	PY	ST	0.1	Trace py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13334	16.7	27.6	10.9	PY	DISS	0.1	Trace disseminated py
TL13334	27.6	72.8	45.1	SPH	ST	0.1	Trace to 1% sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13334	27.6	72.8	45.1	PY	ST	2	2% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL13334	27.6	72.8	45.1	PY	DISS	1	1% disseminated py throughout the interval
TL13334	27.6	72.8	45.1	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-chl veins
TL13334	27.6	72.8	45.1	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13334	27.6	72.8	45.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-chl veins
TL13334	72.8	83.5	10.8	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13334	72.8	83.5	10.8	PY	DISS	1	1% disseminated py throughout the interval
TL13334	72.8	83.5	10.8	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins generally where gal is present
TL13334	72.8	83.5	10.8	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13334	72.8	83.5	10.8	PY	ST	1	1% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL13334	83.5	102.0	18.5	PY	DISS	1	1% disseminated pyrite
TL13334	83.5	102.0	18.5	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13334	83.5	102.0	18.5	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation, typically found w/ py

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13334	16.7	27.6	10.9	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL13334	16.7	27.6	10.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13334	27.6	72.8	45.1	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL13334	27.6	72.8	45.1	FR	Weak	30	Weak fracture set cross cutting foliation at 30 deg TCA
TL13334	27.6	72.8	45.1	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13334	72.8	83.5	10.8	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13334	72.8	83.5	10.8	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13334	83.5	102.0	18.5	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13334	83.5	102.0	18.5	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13334	16.7	27.6	10.9	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL13334	16.7	27.6	10.9	SI	Patchy	Moderate	Moderate to strong patchy sil alt
TL13334	27.6	72.8	45.1	SI	Patchy	Moderate	Moderate to weak very patchy sil alt
TL13334	27.6	72.8	45.1	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL13334	36.0	41.5	5.5	CH	Patchy	Very Weak	V. weak patchy chl alt
TL13334	72.8	83.5	10.8	SI	Patchy	Moderate	Moderate to weak patchy silicification
TL13334	72.8	83.5	10.8	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL13334	83.5	102.0	18.5	SI	Patchy	Moderate	Moderate patchy sil alt
TL13334	83.5	102.0	18.5	SR	Patchy	Very Weak	V. weak to weak patchy ser alt, 20% ser to 80% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13334	18	21	3	2.95	2.88	98.33	96	9	
TL13334	21	24	3	2.94	2.86	98	95.33	11	
TL13334	24	27	3	3.01	2.87	100.33	95.67	8	
TL13334	27	30	3	2.87	2.62	95.67	87.33	13	
TL13334	30	33	3	2.94	2.45	98	81.67	10	
TL13334	33	36	3	3.02	2.73	100.67	91	12	
TL13334	36	39	3	2.92	2.51	97.33	83.67	15	
TL13334	39	42	3	3.04	2.9	101.33	96.67	8	
TL13334	42	45	3	2.96	2.53	98.67	84.33	14	
TL13334	45	48	3	2.97	2.81	99	93.67	9	
TL13334	48	51	3	2.99	2.73	99.67	91	8	
TL13334	51	54	3	3	2.67	100	89	8	
TL13334	54	57	3	2.98	2.69	99.33	89.67	14	
TL13334	57	60	3	2.99	2.74	99.67	91.33	8	
TL13334	60	63	3	2.94	2.64	98	88	12	
TL13334	63	66	3	2.96	2.04	98.67	68	22	
TL13334	66	69	3	2.99	1.69	99.67	56.33	31	
TL13334	69	72	3	2.97	2.36	99	78.67	18	
TL13334	72	75	3	3.01	2.68	100.33	89.33	10	
TL13334	75	78	3	2.97	2.61	99	87	10	
TL13334	78	81	3	3.01	2.05	100.33	68.33	22	
TL13334	81	84	3	3	2.01	100	67	22	
TL13334	84	87	3	2.95	2.82	98.33	94	7	
TL13334	87	90	3	2.99	2.23	99.67	74.33	13	
TL13334	90	93	3	2.95	2.87	98.33	95.67	10	
TL13334	93	96	3	3	2.69	100	89.67	9	
TL13334	96	99	3	2.96	2.66	98.67	88.67	6	
TL13334	99	102	3	2.99	2.78	99.67	92.67	12	

Hole Number: TL13335

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512023.29	North:	Collar Az: 0.00
Location: Zealand Township	East: 527953.79	East:	Length: 123.00
	Elev: 395.84	Elev:	Start Depth: 0.00
Date Started: Feb 25, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 26, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 123.00

Comments: Logged by Brian Wolfe

Claim #1106347

MSS C-Zone from 30.73m-50.63m

This C-Zone MSS unit has strong patchy sericitic alteration, weak patchy silicification and weak patchy chloritic alteration throughout the unit. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, trace to 1% galena blebs, trace chalcopryrite blebs, and trace disseminated pyrite.

MSS D-Zone from 70.23m-77.90m

This D-Zone MSS unit has very strong patchy sericitic alteration and strong patchy silicification. This unit is moderately to well mineralized with 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs and trace chalcopryrite blebs.

MSS Footwall? from 109.10m-113.66m

This Footwall MSS unit has very strong patchy sericitic alteration, strong patchy to semi-pervasive silicification, very weak fracture controlled chloritic alteration, and very weak fracture controlled epidote alteration. This unit is very poorly mineralized with only trace amounts of disseminated pyrite, trace pyrite in stringers, and trace sphalerite in stringers.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	359.00	-45.50	EZ Sho	OK		24.00	358.50	-45.30	EZ Sho	OK	
54.00	358.50	-44.80	EZ Sho	OK		105.00	358.50	-43.90	EZ Sho	OK	
123.00	358.40	-43.20	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	11.87	OB, Overburden									
11.87	30.73	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration, moderate patchy silicification and weak patchy chloritic alteration. This unit is poorly mineralized with 2% disseminated pyrite, trace disseminated pyrite, and trace sphalerite in stringers.	1377924	29.25	30.75	1.50	0.10				

Hole Number: TL13335

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
30.73	50.63	MSS, Muscovite Sericite Schist MSS C-Zone from 30.73m-50.63m This C-Zone MSS unit has strong patchy sericitic alteration, weak patchy silicification and weak patchy chloritic alteration throughout the unit. This unit is well mineralized with 3% pyrite in stringers, 2% sphalerite in stringers, trace to 1% galena blebs, trace chalcopyrite blebs, and trace disseminated pyrite.	1377925	30.75	31.75	1.00	0.24				
			1377926	31.75	33.00	1.25	0.44				
			1377927	33.00	34.00	1.00	0.31				
			1377928	34.00	35.50	1.50	0.16				
			1377929	35.50	36.50	1.00	0.19				
			1377931	36.50	38.00	1.50	0.04				
			1377932	38.00	39.50	1.50	1.77				
			1377933	39.50	40.50	1.00	0.14				
			1377934	40.50	42.00	1.50	0.05				
			1377936	42.00	43.50	1.50	0.16				
			1377935	42.00	43.50	1.50	0.13				
			1377937	43.50	44.50	1.00	0.03				
			1377938	44.50	45.50	1.00	0.10				
			1377939	45.50	46.50	1.00	0.43				
			1377941	46.50	47.50	1.00	0.30				
			1377942	47.50	48.50	1.00	0.11				
			1377943	48.50	49.50	1.00	0.94				
1377944	49.50	50.50	1.00	0.04							
1377945	50.50	52.00	1.50	0.03							
50.63	70.23	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong to weak patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, and trace pyrrhotite blebs.	1377946	52.00	53.50	1.50	0.03				
			1377947	53.50	55.00	1.50	0.03				
			1377948	55.00	56.50	1.50	1.14				
			1377949	56.50	58.00	1.50	0.02				
			1377951	58.00	59.50	1.50	0.24				
			1377952	59.50	61.00	1.50	0.16				
			1377953	61.00	62.00	1.00	0.12				
			1377954	62.00	63.50	1.50	0.03				
			1377955	63.50	65.00	1.50	0.10				
			1377956	63.50	65.00	1.50	0.05				
			1377957	65.00	66.50	1.50	0.14				
			1377958	66.50	68.00	1.50	0.15				
			1377959	68.00	69.00	1.00	0.16				
1377961	69.00	70.20	1.20	0.04							
1377962	70.20	71.70	1.50	0.71							
70.23	77.90	MSS, Muscovite Sericite Schist MSS D-Zone from 70.23m-77.90m This D-Zone MSS unit has very strong patchy sericitic alteration and strong patchy silicification. This unit is moderately to well mineralized with 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.	1377963	71.70	72.70	1.00	1.66				
			1377964	72.70	74.00	1.30	0.11				
			1377965	74.00	75.00	1.00	0.96				
			1377966	75.00	76.50	1.50	0.35				
			1377967	76.50	78.00	1.50	0.16				

Hole Number: TL13335

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
77.90	109.10	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration, strong patchy silicification and moderate patchy chloritic alteration. This contains moderate mineralization between 102m-109.1m where there is 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers, trace galena blebs, and trace pyrrhotite blebs.	1377968	78.00	79.50	1.50	0.03				
			1377969	79.50	81.00	1.50	0.12				
			1377971	81.00	82.50	1.50	0.04				
			1377972	82.50	84.00	1.50	0.01				
			1377973	100.50	102.00	1.50	0.05				
			1377974	102.00	103.00	1.00	0.30				
			1377975	103.00	104.50	1.50	0.02				
			1377976	103.00	104.50	1.50	0.02				
			1377977	104.50	105.50	1.00	0.18				
			1377978	105.50	106.50	1.00	2.53				
			1377979	106.50	108.00	1.50	0.11				
			1377981	108.00	109.10	1.10	0.06				
109.10	113.66	MSS, Muscovite Sericite Schist MSS Footwall? from 109.10m-113.66m This Footwall MSS unit has very strong patchy sericitic alteration, strong patchy to semi-pervasive silicification, very weak fracture controlled chloritic alteration, and very weak fracture controlled epidote alteration. This unit is very poorly mineralized with only trace amounts of disseminated pyrite, trace pyrite in stringers, and trace sphalerite in stringers.	1377982	109.10	110.10	1.00	0.05				
			1377983	110.10	111.10	1.00	0.08				
			1377984	111.10	112.60	1.50	0.05				
			1377985	112.60	113.60	1.00	0.04				
			1377986	113.60	115.10	1.50	0.05				
113.66	123.00	BMS, Biotite Muscovite Schist									

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377924	29.25	30.75	0.1000				
1377925	30.75	31.75	0.2420				
1377926	31.75	33.00	0.4370				
1377927	33.00	34.00	0.3070				
1377928	34.00	35.50	0.1590				
1377929	35.50	36.50	0.1940				
1377931	36.50	38.00	0.0430				
1377932	38.00	39.50	1.7720				
1377933	39.50	40.50	0.1430				
1377934	40.50	42.00	0.0470				
1377935	42.00	43.50	0.1300				
1377937	43.50	44.50	0.0340				
1377938	44.50	45.50	0.0970				
1377939	45.50	46.50	0.4290				
1377941	46.50	47.50	0.3020				
1377942	47.50	48.50	0.1080				
1377943	48.50	49.50	0.9380				

Hole Number: TL13335

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377944	49.50	50.50	0.0400				
1377945	50.50	52.00	0.0270				
1377946	52.00	53.50	0.0260				
1377947	53.50	55.00	0.0300				
1377948	55.00	56.50	1.1360				
1377949	56.50	58.00	0.0230				
1377951	58.00	59.50	0.2360				
1377952	59.50	61.00	0.1590				
1377953	61.00	62.00	0.1180				
1377954	62.00	63.50	0.0250				
1377955	63.50	65.00	0.1010				
1377957	65.00	66.50	0.1420				
1377958	66.50	68.00	0.1460				
1377959	68.00	69.00	0.1640				
1377961	69.00	70.20	0.0390				
1377962	70.20	71.70	0.7120				
1377963	71.70	72.70	1.6640				
1377964	72.70	74.00	0.1050				
1377965	74.00	75.00	0.9640				
1377966	75.00	76.50	0.3490				
1377967	76.50	78.00	0.1570				
1377968	78.00	79.50	0.0300				
1377969	79.50	81.00	0.1210				
1377971	81.00	82.50	0.0410				
1377972	82.50	84.00	0.0120				
1377973	100.50	102.00	0.0530				
1377974	102.00	103.00	0.2990				
1377975	103.00	104.50	0.0180				
1377977	104.50	105.50	0.1800				
1377978	105.50	106.50	2.5270				
1377979	106.50	108.00	0.1140				
1377981	108.00	109.10	0.0570				
1377982	109.10	110.10	0.0510				
1377983	110.10	111.10	0.0830				
1377984	111.10	112.60	0.0470				
1377985	112.60	113.60	0.0420				
1377986	113.60	115.10	0.0480				
Sample Type	CDUP						
1377936	42.00	43.50	0.1550				

Hole Number: TL13335

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	CDUP						
1377956	63.50	65.00	0.0500				
1377976	103.00	104.50	0.0230				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13335	29.3	30.8	1377924	1.00	4.06	5.00	205.00	2.00	18.00	0.41	4.00	21.00	134.00	35.00	3.91	0.01	33.00	3.04	539.00
TL13335	30.8	31.8	1377925	4.00	4.46	85.00	322.00	2.00	2.00	0.71	55.00	19.00	155.00	85.00	4.02	0.01	23.00	0.82	328.00
TL13335	31.8	33.0	1377926	6.00	5.42	31.00	354.00	2.00	30.00	1.80	15.00	14.00	62.00	486.00	4.02	0.01	28.00	1.27	599.00
TL13335	33.0	34.0	1377927	4.00	4.67	47.00	382.00	1.00	0.50	0.54	6.00	9.00	46.00	80.00	1.97	0.01	25.00	0.62	245.00
TL13335	34.0	35.5	1377928	2.00	5.45	44.00	474.00	2.00	7.00	1.24	2.00	10.00	37.00	30.00	1.85	0.01	29.00	1.01	495.00
TL13335	35.5	36.5	1377929	3.00	5.76	52.00	494.00	2.00	22.00	1.21	2.00	10.00	51.00	33.00	2.01	0.01	31.00	1.06	496.00
TL13335	36.5	38.0	1377931	1.00	5.64	44.00	395.00	2.00	23.00	2.18	2.00	9.00	44.00	16.00	1.96	0.01	27.00	1.36	617.00
TL13335	38.0	39.5	1377932	2.00	5.35	42.00	455.00	2.00	11.00	1.66	2.00	8.00	31.00	8.00	1.59	0.01	24.00	1.09	516.00
TL13335	39.5	40.5	1377933	1.00	4.39	29.00	354.00	2.00	7.00	1.46	2.00	8.00	27.00	11.00	1.71	0.01	17.00	1.02	461.00
TL13335	40.5	42.0	1377934	1.00	5.52	30.00	418.00	2.00	0.50	1.87	2.00	10.00	38.00	9.00	1.76	0.01	19.00	1.17	481.00
TL13335	42.0	43.5	1377936	2.00	5.69	31.00	393.00	2.00	19.00	2.00	2.00	9.00	27.00	19.00	1.88	0.01	26.00	1.12	506.00
TL13335	42.0	43.5	1377935	2.00	5.10	35.00	407.00	2.00	0.50	1.92	2.00	9.00	29.00	15.00	1.86	0.01	27.00	1.05	472.00
TL13335	43.5	44.5	1377937	2.00	6.58	30.00	465.00	2.00	12.00	2.73	2.00	9.00	28.00	8.00	1.78	0.01	24.00	1.44	677.00
TL13335	44.5	45.5	1377938	1.00	6.20	38.00	456.00	2.00	10.00	2.39	2.00	8.00	32.00	27.00	1.81	0.01	16.00	1.40	872.00
TL13335	45.5	46.5	1377939	5.00	5.04	58.00	367.00	1.00	29.00	0.61	14.00	8.00	48.00	90.00	2.23	0.01	18.00	0.65	320.00
TL13335	46.5	47.5	1377941	1.00	5.12	35.00	377.00	2.00	0.50	1.30	2.00	8.00	36.00	37.00	1.62	0.01	17.00	1.04	587.00
TL13335	47.5	48.5	1377942	1.00	5.14	50.00	364.00	1.00	34.00	1.42	2.00	9.00	34.00	18.00	1.78	0.01	19.00	1.05	554.00
TL13335	48.5	49.5	1377943	2.00	4.89	42.00	326.00	2.00	17.00	1.36	10.00	9.00	32.00	28.00	1.93	0.01	15.00	1.03	417.00
TL13335	49.5	50.5	1377944	0.50	5.05	21.00	353.00	2.00	0.50	1.93	2.00	7.00	28.00	6.00	1.53	0.01	20.00	1.29	565.00
TL13335	50.5	52.0	1377945	0.50	5.78	15.00	409.00	2.00	9.00	2.14	2.00	8.00	37.00	9.00	1.67	0.01	19.00	1.43	521.00
TL13335	52.0	53.5	1377946	0.50	5.96	19.00	398.00	2.00	13.00	2.57	2.00	9.00	31.00	4.00	1.75	0.01	19.00	1.48	563.00
TL13335	53.5	55.0	1377947	0.50	6.82	20.00	392.00	2.00	17.00	3.00	2.00	9.00	28.00	3.00	1.88	0.01	27.00	1.85	830.00
TL13335	55.0	56.5	1377948	1.00	6.18	30.00	337.00	2.00	21.00	2.63	2.00	8.00	26.00	42.00	1.99	0.01	18.00	1.66	788.00
TL13335	56.5	58.0	1377949	0.50	7.26	15.00	369.00	2.00	5.00	2.60	2.00	8.00	30.00	6.00	1.79	0.01	25.00	1.50	478.00
TL13335	58.0	59.5	1377951	1.00	6.48	16.00	321.00	2.00	8.00	2.29	2.00	12.00	50.00	10.00	2.37	0.01	21.00	1.73	651.00
TL13335	59.5	61.0	1377952	0.50	4.73	23.00	183.00	2.00	23.00	0.90	2.00	20.00	122.00	29.00	4.24	0.01	21.00	2.83	772.00
TL13335	61.0	62.0	1377953	3.00	6.27	10.00	257.00	2.00	9.00	1.93	8.00	23.00	142.00	96.00	4.48	0.01	20.00	1.79	669.00
TL13335	62.0	63.5	1377954	1.00	5.25	3.00	258.00	2.00	23.00	1.71	2.00	21.00	140.00	45.00	3.50	0.01	21.00	1.47	615.00
TL13335	63.5	65.0	1377955	1.00	4.24	4.00	223.00	2.00	23.00	1.22	2.00	21.00	112.00	58.00	3.26	0.01	17.00	1.37	501.00
TL13335	63.5	65.0	1377956	1.00	4.79	7.00	222.00	2.00	8.00	1.30	2.00	20.00	112.00	49.00	3.34	0.01	16.00	1.37	493.00
TL13335	65.0	66.5	1377957	1.00	5.98	9.00	307.00	2.00	22.00	1.74	2.00	22.00	129.00	50.00	3.31	0.01	17.00	1.36	548.00
TL13335	66.5	68.0	1377958	1.00	5.67	35.00	373.00	2.00	13.00	1.53	2.00	16.00	86.00	54.00	2.60	0.01	15.00	1.12	621.00
TL13335	68.0	69.0	1377959	1.00	5.41	36.00	434.00	2.00	7.00	1.43	2.00	10.00	28.00	47.00	1.75	0.01	12.00	1.06	628.00
TL13335	69.0	70.2	1377961	0.50	5.28	22.00	313.00	2.00	13.00	2.13	2.00	9.00	24.00	8.00	1.69	0.01	15.00	1.31	625.00
TL13335	70.2	71.7	1377962	3.00	4.98	56.00	329.00	2.00	8.00	1.39	2.00	12.00	53.00	83.00	2.22	0.01	14.00	1.01	678.00
TL13335	71.7	72.7	1377963	6.00	4.16	69.00	495.00	2.00	14.00	0.50	6.00	13.00	67.00	116.00	2.29	0.01	11.00	0.60	364.00
TL13335	72.7	74.0	1377964	0.50	4.73	45.00	341.00	2.00	24.00	1.67	2.00	10.00	40.00	26.00	1.89	0.01	15.00	1.13	798.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13335	29.3	30.8	1377924	6.00	109.00	467.00	34.00	1.78	2.50	2.50	5.00	48.00	1711.00	6.00	69.00	5.00	11.00	428.00
TL13335	30.8	31.8	1377925	15.00	129.00	393.00	678.00	4.35	6.00	2.50	5.00	70.00	1522.00	1.00	71.00	146.00	10.00	15168.00
TL13335	31.8	33.0	1377926	5.00	66.00	493.00	449.00	3.09	5.00	2.50	5.00	87.00	1724.00	1.00	43.00	43.00	9.00	3931.00
TL13335	33.0	34.0	1377927	4.00	59.00	380.00	404.00	1.66	2.50	2.50	5.00	52.00	1567.00	10.00	35.00	26.00	6.00	2020.00
TL13335	34.0	35.5	1377928	2.00	48.00	441.00	111.00	1.25	8.00	6.00	5.00	84.00	1779.00	6.00	36.00	5.00	6.00	138.00
TL13335	35.5	36.5	1377929	5.00	67.00	467.00	288.00	1.33	2.50	2.50	5.00	100.00	1783.00	1.00	37.00	5.00	7.00	353.00
TL13335	36.5	38.0	1377931	3.00	62.00	480.00	27.00	0.79	2.50	9.00	5.00	112.00	1650.00	1.00	36.00	5.00	8.00	73.00
TL13335	38.0	39.5	1377932	0.50	41.00	457.00	55.00	0.72	2.50	2.50	5.00	102.00	1761.00	3.00	35.00	5.00	6.00	109.00
TL13335	39.5	40.5	1377933	0.50	32.00	453.00	100.00	1.21	2.50	5.00	5.00	87.00	1505.00	1.00	29.00	10.00	6.00	712.00
TL13335	40.5	42.0	1377934	0.50	49.00	461.00	34.00	0.89	2.50	2.50	5.00	104.00	1615.00	1.00	32.00	5.00	7.00	70.00
TL13335	42.0	43.5	1377936	0.50	34.00	459.00	33.00	1.31	2.50	9.00	5.00	84.00	1736.00	1.00	33.00	17.00	7.00	717.00
TL13335	42.0	43.5	1377935	0.50	35.00	454.00	37.00	1.29	2.50	2.50	5.00	83.00	1744.00	1.00	34.00	11.00	7.00	493.00
TL13335	43.5	44.5	1377937	0.50	33.00	478.00	18.00	0.76	2.50	2.50	5.00	113.00	1822.00	1.00	36.00	5.00	8.00	52.00
TL13335	44.5	45.5	1377938	0.50	41.00	431.00	89.00	0.78	2.50	2.50	5.00	108.00	1537.00	4.00	31.00	5.00	7.00	329.00
TL13335	45.5	46.5	1377939	4.00	69.00	408.00	403.00	1.99	2.50	2.50	5.00	56.00	1590.00	1.00	33.00	46.00	7.00	3688.00
TL13335	46.5	47.5	1377941	0.50	45.00	437.00	50.00	0.95	2.50	6.00	5.00	78.00	1670.00	1.00	35.00	5.00	7.00	125.00
TL13335	47.5	48.5	1377942	0.50	40.00	432.00	61.00	1.23	2.50	6.00	5.00	78.00	1643.00	1.00	34.00	5.00	6.00	175.00
TL13335	48.5	49.5	1377943	0.50	39.00	448.00	157.00	1.47	2.50	2.50	5.00	67.00	1564.00	1.00	31.00	30.00	7.00	2309.00
TL13335	49.5	50.5	1377944	0.50	34.00	456.00	15.00	0.56	2.50	2.50	5.00	81.00	1683.00	4.00	32.00	5.00	7.00	78.00
TL13335	50.5	52.0	1377945	0.50	45.00	470.00	21.00	0.57	2.50	7.00	5.00	102.00	1635.00	1.00	33.00	5.00	7.00	61.00
TL13335	52.0	53.5	1377946	0.50	41.00	503.00	15.00	0.58	2.50	8.00	5.00	108.00	1647.00	4.00	34.00	5.00	7.00	42.00
TL13335	53.5	55.0	1377947	0.50	32.00	500.00	10.00	0.64	2.50	9.00	5.00	109.00	1788.00	1.00	36.00	5.00	7.00	48.00
TL13335	55.0	56.5	1377948	0.50	30.00	456.00	29.00	1.03	2.50	2.50	5.00	97.00	1449.00	1.00	33.00	5.00	7.00	98.00
TL13335	56.5	58.0	1377949	0.50	38.00	503.00	9.00	0.55	2.50	8.00	5.00	107.00	1763.00	1.00	36.00	5.00	8.00	36.00
TL13335	58.0	59.5	1377951	0.50	43.00	481.00	23.00	1.02	2.50	2.50	5.00	112.00	1813.00	1.00	51.00	5.00	8.00	48.00
TL13335	59.5	61.0	1377952	0.50	73.00	475.00	36.00	1.81	2.50	2.50	5.00	73.00	1731.00	6.00	72.00	5.00	10.00	201.00
TL13335	61.0	62.0	1377953	15.00	88.00	548.00	129.00	1.69	2.50	2.50	5.00	133.00	2020.00	1.00	92.00	27.00	14.00	2329.00
TL13335	62.0	63.5	1377954	0.50	67.00	497.00	34.00	0.59	2.50	2.50	5.00	115.00	2572.00	1.00	79.00	5.00	14.00	149.00
TL13335	63.5	65.0	1377955	0.50	69.00	483.00	22.00	0.96	2.50	2.50	5.00	101.00	2011.00	1.00	63.00	5.00	14.00	108.00
TL13335	63.5	65.0	1377956	0.50	65.00	491.00	21.00	1.02	2.50	2.50	5.00	99.00	2100.00	1.00	64.00	5.00	15.00	74.00
TL13335	65.0	66.5	1377957	0.50	74.00	463.00	25.00	1.03	2.50	2.50	5.00	121.00	2564.00	1.00	83.00	5.00	15.00	60.00
TL13335	66.5	68.0	1377958	0.50	55.00	479.00	70.00	1.36	2.50	6.00	5.00	101.00	2133.00	8.00	59.00	5.00	12.00	119.00
TL13335	68.0	69.0	1377959	0.50	35.00	462.00	79.00	0.94	2.50	2.50	5.00	82.00	1844.00	1.00	37.00	5.00	6.00	397.00
TL13335	69.0	70.2	1377961	0.50	29.00	468.00	33.00	0.58	2.50	2.50	5.00	88.00	1444.00	1.00	29.00	5.00	7.00	61.00
TL13335	70.2	71.7	1377962	0.50	49.00	447.00	454.00	1.57	2.50	8.00	5.00	76.00	1672.00	1.00	41.00	12.00	8.00	845.00
TL13335	71.7	72.7	1377963	0.50	47.00	391.00	469.00	2.12	2.50	8.00	5.00	49.00	1792.00	1.00	52.00	23.00	8.00	1695.00
TL13335	72.7	74.0	1377964	0.50	42.00	464.00	65.00	1.09	2.50	2.50	5.00	74.00	1521.00	1.00	35.00	5.00	7.00	128.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13335	74.0	75.0	1377965	6.00	3.27	98.00	265.00	2.00	7.00	0.28	8.00	8.00	67.00	134.00	2.77	0.01	2.00	0.45	229.00
TL13335	75.0	76.5	1377966	2.00	3.86	50.00	338.00	1.00	10.00	0.38	4.00	8.00	40.00	68.00	1.75	0.01	10.00	0.58	297.00
TL13335	76.5	78.0	1377967	0.50	4.36	46.00	345.00	2.00	6.00	0.70	2.00	9.00	33.00	30.00	1.71	0.01	13.00	0.72	364.00
TL13335	78.0	79.5	1377968	0.50	5.50	25.00	359.00	2.00	3.00	2.42	2.00	7.00	29.00	7.00	1.63	0.01	14.00	1.42	751.00
TL13335	79.5	81.0	1377969	1.00	3.69	25.00	238.00	2.00	17.00	2.28	10.00	7.00	32.00	30.00	2.41	0.01	5.00	1.49	1098.00
TL13335	81.0	82.5	1377971	2.00	4.19	5.00	383.00	2.00	25.00	1.48	6.00	5.00	37.00	30.00	1.75	0.01	9.00	1.09	826.00
TL13335	82.5	84.0	1377972	1.00	4.81	4.00	345.00	2.00	0.50	2.23	2.00	7.00	30.00	18.00	1.78	0.01	10.00	1.34	901.00
TL13335	100.5	102.0	1377973	1.00	4.89	7.00	380.00	2.00	28.00	1.91	2.00	20.00	145.00	48.00	3.73	0.01	25.00	1.44	931.00
TL13335	102.0	103.0	1377974	2.00	4.90	30.00	462.00	2.00	17.00	1.68	4.00	20.00	133.00	55.00	3.52	0.01	14.00	1.15	752.00
TL13335	103.0	104.5	1377975	0.50	4.83	4.00	321.00	2.00	23.00	1.61	2.00	22.00	137.00	44.00	3.50	0.01	28.00	1.29	557.00
TL13335	103.0	104.5	1377976	0.50	3.85	5.00	288.00	2.00	14.00	1.29	2.00	22.00	145.00	48.00	3.65	0.01	27.00	1.35	553.00
TL13335	104.5	105.5	1377977	0.50	5.41	5.00	283.00	2.00	27.00	1.37	2.00	23.00	166.00	45.00	3.99	0.01	27.00	1.46	523.00
TL13335	105.5	106.5	1377978	6.00	4.30	96.00	370.00	2.00	20.00	0.92	26.00	20.00	138.00	249.00	4.55	0.01	20.00	0.90	494.00
TL13335	106.5	108.0	1377979	3.00	4.92	22.00	432.00	2.00	22.00	1.41	5.00	19.00	141.00	59.00	3.49	0.01	21.00	1.22	809.00
TL13335	108.0	109.1	1377981	1.00	5.17	37.00	369.00	2.00	12.00	1.52	2.00	21.00	135.00	96.00	3.40	0.01	18.00	1.11	731.00
TL13335	109.1	110.1	1377982	2.00	4.36	37.00	404.00	1.00	13.00	1.30	2.00	18.00	125.00	55.00	2.78	0.01	8.00	1.00	733.00
TL13335	110.1	111.1	1377983	1.00	4.78	32.00	362.00	2.00	26.00	1.31	2.00	13.00	70.00	49.00	2.31	0.01	12.00	0.82	513.00
TL13335	111.1	112.6	1377984	0.50	5.03	33.00	363.00	1.00	28.00	1.10	2.00	7.00	22.00	27.00	1.32	0.01	4.00	0.56	371.00
TL13335	112.6	113.6	1377985	0.50	5.68	37.00	421.00	1.00	18.00	0.38	2.00	8.00	17.00	15.00	1.56	0.01	6.00	0.38	160.00
TL13335	113.6	115.1	1377986	1.00	5.82	24.00	395.00	1.00	15.00	2.37	2.00	18.00	127.00	36.00	3.02	0.01	16.00	1.28	652.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13335	74.0	75.0	1377965	16.00	83.00	279.00	815.00	2.72	2.50	2.50	5.00	48.00	1170.00	3.00	28.00	24.00	5.00	2162.00
TL13335	75.0	76.5	1377966	2.00	52.00	407.00	245.00	1.35	2.50	7.00	5.00	46.00	1575.00	1.00	33.00	14.00	6.00	1060.00
TL13335	76.5	78.0	1377967	0.50	39.00	439.00	81.00	1.31	2.50	2.50	5.00	61.00	1544.00	1.00	32.00	5.00	6.00	243.00
TL13335	78.0	79.5	1377968	0.50	34.00	467.00	38.00	0.63	2.50	2.50	5.00	91.00	1315.00	1.00	30.00	5.00	7.00	65.00
TL13335	79.5	81.0	1377969	0.50	38.00	321.00	29.00	1.61	2.50	2.50	5.00	92.00	1136.00	1.00	26.00	25.00	5.00	2619.00
TL13335	81.0	82.5	1377971	0.50	42.00	373.00	242.00	0.91	2.50	2.50	5.00	91.00	1394.00	1.00	33.00	21.00	6.00	1657.00
TL13335	82.5	84.0	1377972	0.50	32.00	434.00	75.00	0.68	2.50	8.00	5.00	105.00	1411.00	3.00	31.00	24.00	7.00	402.00
TL13335	100.5	102.0	1377973	2.00	83.00	489.00	58.00	0.95	2.50	2.50	5.00	177.00	2512.00	1.00	83.00	5.00	14.00	107.00
TL13335	102.0	103.0	1377974	0.50	73.00	474.00	149.00	1.97	2.50	2.50	5.00	173.00	2175.00	1.00	77.00	5.00	14.00	462.00
TL13335	103.0	104.5	1377975	0.50	71.00	500.00	25.00	0.54	2.50	2.50	5.00	165.00	2498.00	1.00	81.00	5.00	11.00	82.00
TL13335	103.0	104.5	1377976	1.00	81.00	512.00	23.00	0.55	2.50	2.50	5.00	134.00	2203.00	1.00	79.00	5.00	12.00	72.00
TL13335	104.5	105.5	1377977	11.00	105.00	544.00	20.00	0.52	2.50	2.50	5.00	147.00	2609.00	6.00	87.00	5.00	14.00	70.00
TL13335	105.5	106.5	1377978	5.00	97.00	414.00	1871.00	4.14	6.00	2.50	5.00	129.00	2117.00	2.00	78.00	85.00	12.00	9026.00
TL13335	106.5	108.0	1377979	4.00	85.00	501.00	190.00	1.59	5.00	2.50	5.00	168.00	2341.00	1.00	79.00	13.00	15.00	774.00
TL13335	108.0	109.1	1377981	2.00	72.00	469.00	59.00	1.62	2.50	6.00	5.00	155.00	2445.00	1.00	81.00	5.00	15.00	261.00
TL13335	109.1	110.1	1377982	0.50	61.00	440.00	36.00	1.16	2.50	7.00	5.00	155.00	2315.00	4.00	71.00	5.00	14.00	127.00
TL13335	110.1	111.1	1377983	0.50	40.00	383.00	109.00	1.04	2.50	6.00	5.00	147.00	1919.00	1.00	54.00	11.00	10.00	523.00
TL13335	111.1	112.6	1377984	0.50	21.00	334.00	119.00	0.72	2.50	2.50	5.00	133.00	1327.00	1.00	28.00	5.00	5.00	216.00
TL13335	112.6	113.6	1377985	0.50	18.00	319.00	30.00	1.35	2.50	2.50	5.00	101.00	1471.00	2.00	30.00	5.00	6.00	90.00
TL13335	113.6	115.1	1377986	4.00	59.00	536.00	45.00	1.11	2.50	2.50	5.00	206.00	2393.00	1.00	70.00	5.00	14.00	120.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13335	11.9	30.7	18.9	PY	DISS	0.1	Trace disseminated py
TL13335	11.9	30.7	18.9	PY	ST	2	2% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13335	11.9	30.7	18.9	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13335	30.7	50.6	19.9	PY	DISS	0.1	Trace disseminated py
TL13335	30.7	50.6	19.9	PB	BLB	0.1	Trace to 1% gal blebs associaed w/ sph stringers and cpy in qtz veins
TL13335	30.7	50.6	19.9	PY	ST	3	3% py in 1-8mm wide stringers oriented semi-parallel to foliation
TL13335	30.7	50.6	19.9	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL13335	30.7	50.6	19.9	SPH	ST	2	2% sph in 1-12mm wide stringers oriented semi-parallel to foliation and in and along margins of qtz-chl veins
TL13335	50.6	70.2	19.6	PO	BLB	0.1	Trace po blebs foun in and along the margins of qtz-chl veins
TL13335	50.6	70.2	19.6	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation and along margins of qtz-chl veins
TL13335	50.6	70.2	19.6	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13335	50.6	70.2	19.6	PY	DISS	1	1% disseminated py
TL13335	70.2	77.9	7.7	CP	BLB	0.1	Trace cpy blebs found in and along the margins of qtz veins
TL13335	70.2	77.9	7.7	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy in qtz veins
TL13335	70.2	77.9	7.7	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13335	70.2	77.9	7.7	PY	ST	2	2% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL13335	70.2	77.9	7.7	PY	DISS	1	1% disseminated py
TL13335	77.9	102.0	24.1	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13335	77.9	102.0	24.1	PY	ST	0.1	Trace to 1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13335	77.9	109.1	31.2	PO	BLB	0.1	Trace po blebs found in and along the margins of qtz-chl veins
TL13335	77.9	109.1	31.2	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13335	77.9	109.1	31.2	PY	DISS	1	1% disseminated py
TL13335	102.0	109.1	7.1	PY	ST	2	2% py in 1-8mm wide strigners oriented semi-parallel to foliation
TL13335	102.0	109.1	7.1	SPH	ST	1	1% sph in 1-8mm wide stringers oriented semi-parallel to foliation
TL13335	109.1	113.7	4.6	SPH	ST	0.1	Trace sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13335	109.1	113.7	4.6	PY	ST	0.1	Trace py in 1-5mm wide stringers oriented semi-parallel to foliation
TL13335	109.1	113.7	4.6	PY	DISS	0.1	Trace disseminated py
TL13335	113.7	123.0	9.3	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13335	113.7	123.0	9.3	PY	ST	0.1	Trace py in 1-3mm wide strigners oriented semi-parallel to foliation
TL13335	113.7	123.0	9.3	PY	DISS	0.1	Trace disseminated pyrite

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13335	11.9	19.5	7.6	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13335	11.9	30.7	18.9	FR	Strong	60	Strongly fractured along foliation
TL13335	11.9	30.7	18.9	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL13335	19.5	30.7	11.2	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13335	30.7	50.6	19.9	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13335	30.7	50.6	19.9	FR	Weak	45	Weak fracture set cross cutting foliation at 45 deg TCA
TL13335	50.6	68.8	18.2	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13335	50.6	70.2	19.6	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13335	68.8	70.2	1.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13335	70.2	74.2	4.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13335	70.2	77.9	7.7	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13335	74.2	77.9	3.7	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13335	77.9	84.0	6.1	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13335	84.0	91.0	7.0	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13335	91.0	98.0	7.0	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13335	98.0	109.1	11.1	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13335	109.1	113.7	4.6	FOL	Strong	65	Strong foliation at 65 deg TCA
TL13335	109.1	113.7	4.6	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13335	109.1	113.7	4.6	FR	Moderate	35	Moderate fracture set cross cutting foliation at 35 deg TCA
TL13335	113.7	123.0	9.3	FOL	Weak	60	Weak foliation at 60 deg TCA
TL13335	113.7	123.0	9.3	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA infilled w/ qtz

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13335	11.9	30.7	18.9	SI	Patchy	Moderate	Moderate patchy sil alt
TL13335	11.9	30.7	18.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13335	27.2	30.7	3.5	CH	Patchy	Weak	Weak patchy chl alt
TL13335	30.7	50.6	19.9	SI	Patchy	Weak	Weak patchy sil alt
TL13335	30.7	50.6	19.9	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL13335	30.7	50.6	19.9	CH	Patchy	Weak	Weak to moderate patchy chl alt throughout the interval
TL13335	50.6	57.5	6.8	SI	Patchy	Strong	Strong patchy sil alt
TL13335	50.6	70.2	19.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13335	57.5	70.2	12.8	SI	Patchy	Weak	Weak patchy sil alt
TL13335	70.2	77.9	7.7	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL13335	70.2	77.9	7.7	SI	Patchy	Strong	Strong patchy sil alt
TL13335	77.9	109.1	31.2	SI	Patchy	Strong	Strong to very strong patchy silicification
TL13335	77.9	109.1	31.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13335	84.0	90.0	6.0	CH	Patchy	Moderate	Moderate patchy chl alt
TL13335	109.1	113.7	4.6	E	Fract-Cont	Very Weak	V. weak frac controlled epid alt
TL13335	109.1	113.7	4.6	CH	Fract-Cont	Very Weak	V. weak frac controlled chl alt
TL13335	109.1	113.7	4.6	SI	Patchy	Strong	Strong patchy to semi-pervasive silicification
TL13335	109.1	113.7	4.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL13335	113.7	123.0	9.3	SI	Patchy	Moderate	Moderate patchy sil alt
TL13335	113.7	123.0	9.3	SR	Patchy	Very Weak	V. weak patchy ser alt, 2-5% ser to 95-98% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13335	12	15	3	2.95	2.86	98.33	95.33	6	
TL13335	15	18	3	3.05	2.24	101.67	74.67	19	
TL13335	18	21	3	3	1.4	100	46.67	15	
TL13335	21	24	3	3.03	0.28	101	9.33	31	
TL13335	24	27	3	2.84	1.34	94.67	44.67	28	
TL13335	27	30	3	2.98	0.95	99.33	31.67	41	
TL13335	30	33	3	3	1.78	100	59.33	25	
TL13335	33	36	3	3.03	2.18	101	72.67	22	
TL13335	36	39	3	3.02	2.53	100.67	84.33	19	
TL13335	39	42	3	2.89	2.29	96.33	76.33	19	
TL13335	42	45	3	2.95	1.38	98.33	46	25	
TL13335	45	48	3	2.94	2.64	98	88	15	
TL13335	48	51	3	3.04	2.07	101.33	69	21	
TL13335	51	54	3	2.98	2.45	99.33	81.67	11	
TL13335	54	57	3	3.03	2.8	101	93.33	12	
TL13335	57	60	3	3.01	2.63	100.33	87.67	14	
TL13335	60	63	3	2.99	2.65	99.67	88.33	15	
TL13335	63	66	3	2.99	2.08	99.67	69.33	24	
TL13335	66	69	3	3.01	2.03	100.33	67.67	20	
TL13335	69	72	3	2.95	2.57	98.33	85.67	13	
TL13335	72	75	3	3.03	3.03	101	101	6	
TL13335	75	78	3	2.99	2.28	99.67	76	18	
TL13335	78	81	3	3.01	2.92	100.33	97.33	9	
TL13335	81	84	3	2.98	2.59	99.33	86.33	12	
TL13335	84	87	3	2.95	2.81	98.33	93.67	8	
TL13335	87	90	3	3	2.68	100	89.33	12	
TL13335	90	93	3	3	2.93	100	97.67	8	
TL13335	93	96	3	2.99	2.64	99.67	88	8	
TL13335	96	99	3	2.99	2.8	99.67	93.33	10	
TL13335	99	102	3	2.97	2.77	99	92.33	6	
TL13335	102	105	3	3.01	2.93	100.33	97.67	9	
TL13335	105	108	3	3.01	2.38	100.33	79.33	17	
TL13335	108	111	3	2.99	2.88	99.67	96	9	
TL13335	111	114	3	3	2.61	100	87	10	
TL13335	114	117	3	3	2.24	100	74.67	20	
TL13335	117	120	3	2.93	2.06	97.67	68.67	18	
TL13335	120	123	3	2.39	1.26	79.67	42	22	

Hole Number: TL13336

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512017.91	North:	Collar Az: 0.00
Location: Zealand Township	East: 527909.87	East:	Length: 105.00
	Elev: 396.11	Elev:	Start Depth: 0.00
Date Started: Feb 26, 2013	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 26, 2013	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 105.00

Comments: Logged by Brian Wolfe

Claim #1106347

MSS C-Zone from 25.07m-34.95m

This C-Zone MSS unit has very strong patchy sericitic alteration, strong patchy silicification and very weak fracture controlled epidote alteration. This unit is very poorly mineralized for the main zone with only trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, trace galena blebs and a small interval that contains trace chalcopyrite blebs.

MSS D-Zone from 56.65m-69.34m

This D-Zone MSS unit is patchy throughout with moderate to very strong patchy sericitic alteration and moderate to weak patchy silicification. This unit is well mineralized with 2% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0	-45.00	EZ Sho	OK		24.00	0.90	-44.90	EZ Sho	OK	
54.00	358.70	-44.00	EZ Sho	OK		105.00	357.80	-43.30	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	13.35	OB, Overburden									
13.35	25.07	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and moderate patchy silicification. This unit is moderately mineralized with 1% disseminated pyrite, 1% pyrite in stringers, trace sphalerite in stringers, trace galena blebs, and trace chalcopyrite blebs.	1377867	15.00	16.50	1.50	0.05				
			1377868	16.50	17.50	1.00	0.72				
			1377869	17.50	19.00	1.50	0.32				
			1377871	19.00	20.50	1.50	0.07				
			1377872	20.50	22.00	1.50	0.20				
			1377873	22.00	23.50	1.50	0.10				
			1377874	23.50	25.00	1.50	0.21				
			1377875	25.00	26.50	1.50	0.08				
			1377876	25.00	26.50	1.50	0.09				
25.07	34.95	MSS, Muscovite Sericite Schist MSS C-Zone from 25.07m-34.95m This C-Zone MSS unit has very strong patchy sericitic alteration, strong patchy silicification and very weak fracture controlled epidote alteration. This unit is very poorly mineralized for the main zone with only trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in stringers, trace galena blebs and a small interval that contains trace chalcopyrite blebs.	1377877	26.50	28.00	1.50	0.07				
			1377878	28.00	29.50	1.50	0.11				
			1377879	29.50	31.00	1.50	0.03				
			1377881	31.00	32.50	1.50	0.04				
			1377882	32.50	33.50	1.00	0.02				
			1377883	33.50	35.00	1.50	0.12				

Hole Number: TL13336

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
34.95	56.65	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and moderate to weak patchy silicification. This unit is poorly mineralized with 1% pyrite in stringers, trace disseminated pyrite, trace sphalerite stringer, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite blebs.	1377884	35.00	36.50	1.50	0.00				
			1377885	36.50	38.00	1.50	0.02				
			1377886	38.00	39.50	1.50	0.63				
			1377887	39.50	40.50	1.00	0.07				
			1377888	40.50	41.50	1.00	0.39				
			1377889	41.50	43.00	1.50	0.04				
			1377891	43.00	44.50	1.50	0.01				
			1377892	44.50	46.00	1.50	0.06				
			1377893	46.00	47.50	1.50	0.07				
			1377894	47.50	49.00	1.50	0.12				
			1377896	49.00	50.50	1.50	0.14				
			1377895	49.00	50.50	1.50	0.09				
			1377897	50.50	52.00	1.50	0.40				
			1377898	52.00	53.50	1.50	1.43				
			1377899	53.50	54.50	1.00	0.16				
			1377901	54.50	55.50	1.00	0.09				
			1377902	55.50	56.60	1.10	0.08				
			1377903	56.60	58.00	1.40	0.11				
56.65	69.34	MSS, Muscovite Sericite Schist MSS D-Zone from 56.65m-69.34m This D-Zone MSS unit is patchy throughout with moderate to very strong patchy sericitic alteration and moderate to weak patchy silicification. This unit is well mineralized with 2% disseminated pyrite, 2% pyrite in stringers, 1% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs and trace pyrrhotite blebs.	1377904	58.00	59.50	1.50	0.09				
			1377905	59.50	61.00	1.50	0.08				
			1377906	61.00	62.00	1.00	0.30				
			1377907	62.00	63.00	1.00	0.20				
			1377908	63.00	64.50	1.50	0.08				
			1377909	64.50	65.50	1.00	0.25				
			1377911	65.50	66.50	1.00	0.11				
			1377912	66.50	68.00	1.50	0.38				
			1377913	68.00	69.30	1.30	1.09				
			1377914	69.30	70.80	1.50	0.07				
69.34	105.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and very strong patchy silicification. This unit is poorly mineralized with trace to 1% pyrite in stringers, trace disseminated pyrite, trace chalcopyrite blebs, trace pyrrhotite blebs, trace sphalerite in stringers, and trace galena blebs. The best mineralization in thi unit occurs in a condensed patch of stringers between 93.5m-94m depth.	1377915	86.50	88.00	1.50	0.03				
			1377916	86.50	88.00	1.50	0.04				
			1377917	88.00	89.00	1.00	0.04				
			1377918	89.00	90.50	1.50	0.03				
			1377919	90.50	92.00	1.50	0.04				
			1377921	92.00	93.50	1.50	0.07				
			1377922	93.50	94.50	1.00	0.84				
			1377923	94.50	96.00	1.50	0.04				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377867	15.00	16.50	0.0450				
1377868	16.50	17.50	0.7170				

Hole Number: TL13336

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377869	17.50	19.00	0.3210				
1377871	19.00	20.50	0.0710				
1377872	20.50	22.00	0.1970				
1377873	22.00	23.50	0.1010				
1377874	23.50	25.00	0.2100				
1377875	25.00	26.50	0.0770				
1377877	26.50	28.00	0.0670				
1377878	28.00	29.50	0.1050				
1377879	29.50	31.00	0.0340				
1377881	31.00	32.50	0.0440				
1377882	32.50	33.50	0.0210				
1377883	33.50	35.00	0.1180				
1377884	35.00	36.50	0.0020				
1377885	36.50	38.00	0.0160				
1377886	38.00	39.50	0.6260				
1377887	39.50	40.50	0.0710				
1377888	40.50	41.50	0.3860				
1377889	41.50	43.00	0.0420				
1377891	43.00	44.50	0.0120				
1377892	44.50	46.00	0.0550				
1377893	46.00	47.50	0.0650				
1377894	47.50	49.00	0.1160				
1377895	49.00	50.50	0.0870				
1377897	50.50	52.00	0.3980				
1377898	52.00	53.50	1.4260				
1377899	53.50	54.50	0.1630				
1377901	54.50	55.50	0.0860				
1377902	55.50	56.60	0.0750				
1377903	56.60	58.00	0.1090				
1377904	58.00	59.50	0.0920				
1377905	59.50	61.00	0.0750				
1377906	61.00	62.00	0.2990				
1377907	62.00	63.00	0.2040				
1377908	63.00	64.50	0.0760				
1377909	64.50	65.50	0.2520				
1377911	65.50	66.50	0.1100				
1377912	66.50	68.00	0.3840				
1377913	68.00	69.30	1.0910				
1377914	69.30	70.80	0.0720				

Hole Number: TL13336

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1377915	86.50	88.00	0.0270				
1377917	88.00	89.00	0.0370				
1377918	89.00	90.50	0.0250				
1377919	90.50	92.00	0.0370				
1377921	92.00	93.50	0.0730				
1377922	93.50	94.50	0.8420				
1377923	94.50	96.00	0.0370				
Sample Type	CDUP						
1377876	25.00	26.50	0.0930				
1377896	49.00	50.50	0.1380				
1377916	86.50	88.00	0.0370				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13336	15.0	16.5	1377867	2.00	6.08	34.00	328.00	2.00	12.00	0.89	2.00	20.00	139.00	30.00	3.49	0.01	16.00	1.97	492.00
TL13336	16.5	17.5	1377868	9.00	4.82	46.00	268.00	2.00	12.00	0.62	8.00	17.00	120.00	145.00	3.74	0.01	4.00	1.02	280.00
TL13336	17.5	19.0	1377869	1.00	5.87	38.00	325.00	2.00	10.00	0.92	2.00	22.00	167.00	44.00	3.74	0.01	14.00	1.60	528.00
TL13336	19.0	20.5	1377871	1.00	5.85	14.00	297.00	2.00	5.00	1.72	2.00	19.00	138.00	37.00	3.23	0.01	16.00	1.65	544.00
TL13336	20.5	22.0	1377872	0.50	5.37	41.00	416.00	2.00	21.00	1.40	2.00	9.00	34.00	22.00	2.17	0.01	9.00	1.04	492.00
TL13336	22.0	23.5	1377873	4.00	5.62	35.00	397.00	2.00	3.00	1.38	2.00	9.00	75.00	30.00	1.99	0.01	5.00	1.01	500.00
TL13336	23.5	25.0	1377874	0.50	5.62	47.00	417.00	1.00	0.50	1.90	2.00	8.00	41.00	15.00	2.13	0.01	10.00	1.20	619.00
TL13336	25.0	26.5	1377875	0.50	4.25	39.00	333.00	1.00	0.50	1.16	2.00	9.00	34.00	19.00	1.63	0.01	6.00	0.98	450.00
TL13336	25.0	26.5	1377876	2.00	10.44	46.00	480.00	2.00	1.00	1.87	2.00	8.00	49.00	24.00	1.44	1.88	33.00	0.64	403.00
TL13336	26.5	28.0	1377877	0.50	3.99	40.00	370.00	1.00	9.00	0.66	2.00	9.00	32.00	14.00	1.62	0.01	8.00	0.98	371.00
TL13336	28.0	29.5	1377878	2.00	4.84	28.00	371.00	1.00	9.00	1.52	2.00	8.00	38.00	17.00	1.82	0.01	10.00	1.13	446.00
TL13336	29.5	31.0	1377879	0.50	5.62	30.00	354.00	1.00	10.00	1.94	2.00	9.00	58.00	6.00	1.95	0.01	10.00	1.36	572.00
TL13336	31.0	32.5	1377881	1.00	4.99	25.00	328.00	2.00	6.00	1.87	2.00	8.00	36.00	8.00	1.86	0.01	6.00	1.32	660.00
TL13336	32.5	33.5	1377882	1.00	5.88	25.00	382.00	2.00	6.00	1.71	2.00	9.00	28.00	6.00	1.66	0.01	11.00	1.20	563.00
TL13336	33.5	35.0	1377883	2.00	5.71	25.00	353.00	2.00	11.00	0.93	2.00	9.00	30.00	42.00	2.01	0.01	12.00	0.94	408.00
TL13336	35.0	36.5	1377884	0.50	1.27	2.00	73.00	1.00	0.50	0.27	2.00	2.00	98.00	5.00	0.69	0.35	0.50	0.32	105.00
TL13336	36.5	38.0	1377885	1.00	6.84	4.00	450.00	1.00	0.50	2.49	2.00	9.00	39.00	11.00	1.91	0.01	8.00	1.33	587.00
TL13336	38.0	39.5	1377886	2.00	4.43	38.00	394.00	2.00	12.00	1.14	4.00	9.00	31.00	29.00	2.11	0.01	8.00	1.06	620.00
TL13336	39.5	40.5	1377887	0.50	4.68	27.00	362.00	2.00	17.00	1.75	2.00	9.00	35.00	17.00	1.89	0.01	6.00	1.26	746.00
TL13336	40.5	41.5	1377888	4.00	5.21	21.00	435.00	2.00	8.00	2.26	2.00	8.00	38.00	243.00	1.80	0.01	6.00	1.35	730.00
TL13336	41.5	43.0	1377889	0.50	4.82	36.00	377.00	1.00	4.00	1.77	2.00	13.00	62.00	15.00	1.68	0.01	4.00	1.36	557.00
TL13336	43.0	44.5	1377891	0.50	4.96	12.00	337.00	1.00	3.00	1.61	2.00	9.00	25.00	10.00	1.66	0.01	7.00	1.57	544.00
TL13336	44.5	46.0	1377892	0.50	5.49	19.00	330.00	2.00	13.00	2.13	2.00	9.00	27.00	16.00	1.74	0.01	9.00	1.65	681.00
TL13336	46.0	47.5	1377893	1.00	5.90	14.00	291.00	2.00	18.00	1.77	2.00	13.00	70.00	20.00	2.44	0.01	11.00	1.77	711.00
TL13336	47.5	49.0	1377894	1.00	3.75	34.00	216.00	2.00	25.00	0.53	2.00	22.00	129.00	15.00	4.04	0.01	17.00	2.59	542.00
TL13336	49.0	50.5	1377896	1.00	4.60	16.00	281.00	2.00	11.00	0.57	2.00	19.00	134.00	32.00	3.61	0.01	20.00	2.30	547.00
TL13336	49.0	50.5	1377895	1.00	4.65	16.00	297.00	2.00	12.00	0.57	2.00	19.00	133.00	31.00	3.60	0.01	21.00	2.31	550.00
TL13336	50.5	52.0	1377897	2.00	5.29	45.00	326.00	2.00	16.00	0.43	2.00	20.00	134.00	40.00	3.20	0.01	12.00	1.48	385.00
TL13336	52.0	53.5	1377898	2.00	5.54	10.00	403.00	2.00	12.00	1.75	2.00	23.00	140.00	47.00	3.87	0.01	17.00	1.65	581.00
TL13336	53.5	54.5	1377899	2.00	5.19	24.00	288.00	2.00	11.00	1.76	2.00	20.00	148.00	75.00	3.43	0.01	12.00	1.49	663.00
TL13336	54.5	55.5	1377901	2.00	5.41	6.00	346.00	2.00	9.00	0.92	2.00	22.00	149.00	55.00	3.63	0.01	18.00	1.41	524.00
TL13336	55.5	56.6	1377902	2.00	5.42	7.00	288.00	2.00	20.00	1.90	2.00	22.00	144.00	48.00	3.79	0.01	20.00	1.52	659.00
TL13336	56.6	58.0	1377903	1.00	5.25	38.00	332.00	1.00	40.00	1.66	2.00	17.00	64.00	70.00	2.95	0.01	10.00	1.01	632.00
TL13336	58.0	59.5	1377904	1.00	4.71	74.00	415.00	2.00	7.00	1.63	2.00	15.00	77.00	43.00	2.50	0.01	11.00	1.02	804.00
TL13336	59.5	61.0	1377905	0.50	4.72	38.00	407.00	1.00	2.00	0.88	2.00	12.00	59.00	27.00	1.77	0.01	10.00	0.80	483.00
TL13336	61.0	62.0	1377906	3.00	4.66	55.00	355.00	1.00	5.00	0.75	2.00	9.00	51.00	28.00	1.90	0.01	9.00	0.68	404.00
TL13336	62.0	63.0	1377907	1.00	5.27	32.00	375.00	2.00	12.00	1.55	2.00	19.00	129.00	63.00	2.86	0.01	18.00	1.12	733.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13336	15.0	16.5	1377867	1.00	82.00	448.00	22.00	1.61	2.50	2.50	5.00	86.00	1801.00	4.00	83.00	5.00	11.00	230.00
TL13336	16.5	17.5	1377868	4.00	81.00	418.00	2122.00	2.98	2.50	2.50	5.00	71.00	1140.00	3.00	66.00	21.00	12.00	1611.00
TL13336	17.5	19.0	1377869	4.00	103.00	496.00	88.00	1.63	2.50	2.50	5.00	82.00	2308.00	1.00	92.00	5.00	13.00	136.00
TL13336	19.0	20.5	1377871	2.00	87.00	533.00	78.00	1.17	2.50	2.50	5.00	104.00	2360.00	5.00	78.00	5.00	14.00	147.00
TL13336	20.5	22.0	1377872	0.50	41.00	433.00	44.00	1.54	2.50	2.50	5.00	84.00	1792.00	1.00	38.00	5.00	7.00	290.00
TL13336	22.0	23.5	1377873	10.00	116.00	448.00	542.00	1.13	2.50	5.00	5.00	83.00	1802.00	1.00	39.00	5.00	7.00	549.00
TL13336	23.5	25.0	1377874	3.00	54.00	452.00	56.00	1.50	2.50	2.50	5.00	105.00	1739.00	1.00	35.00	5.00	7.00	141.00
TL13336	25.0	26.5	1377875	1.00	44.00	415.00	60.00	1.04	2.50	2.50	5.00	74.00	1650.00	1.00	32.00	5.00	6.00	191.00
TL13336	25.0	26.5	1377876	10.00	62.00	468.00	72.00	1.34	2.50	9.00	13.00	149.00	2142.00	12.00	36.00	10.00	6.00	114.00
TL13336	26.5	28.0	1377877	0.50	43.00	437.00	37.00	1.06	2.50	2.50	5.00	52.00	1721.00	1.00	34.00	5.00	5.00	41.00
TL13336	28.0	29.5	1377878	0.50	46.00	441.00	202.00	1.22	2.50	2.50	5.00	82.00	1735.00	1.00	35.00	5.00	6.00	633.00
TL13336	29.5	31.0	1377879	4.00	74.00	464.00	47.00	1.13	2.50	2.50	5.00	103.00	1724.00	1.00	37.00	5.00	6.00	93.00
TL13336	31.0	32.5	1377881	0.50	40.00	469.00	42.00	1.07	2.50	2.50	5.00	94.00	1716.00	6.00	37.00	5.00	7.00	58.00
TL13336	32.5	33.5	1377882	0.50	32.00	462.00	36.00	0.90	2.50	2.50	5.00	100.00	1859.00	1.00	37.00	5.00	7.00	89.00
TL13336	33.5	35.0	1377883	0.50	35.00	412.00	99.00	1.47	2.50	5.00	5.00	74.00	1750.00	1.00	35.00	10.00	7.00	595.00
TL13336	35.0	36.5	1377884	12.00	112.00	50.00	8.00	0.25	2.50	2.50	5.00	46.00	429.00	1.00	11.00	5.00	4.00	27.00
TL13336	36.5	38.0	1377885	0.50	42.00	480.00	48.00	0.68	2.50	2.50	5.00	140.00	1773.00	1.00	36.00	5.00	7.00	67.00
TL13336	38.0	39.5	1377886	0.50	38.00	446.00	276.00	1.43	2.50	2.50	5.00	79.00	1709.00	1.00	35.00	18.00	6.00	1201.00
TL13336	39.5	40.5	1377887	0.50	40.00	468.00	44.00	1.03	2.50	5.00	5.00	81.00	1682.00	5.00	36.00	5.00	6.00	93.00
TL13336	40.5	41.5	1377888	0.50	42.00	420.00	197.00	0.89	5.00	2.50	5.00	96.00	1606.00	1.00	35.00	12.00	7.00	409.00
TL13336	41.5	43.0	1377889	0.50	54.00	429.00	13.00	0.50	2.50	6.00	5.00	86.00	1716.00	1.00	38.00	5.00	6.00	45.00
TL13336	43.0	44.5	1377891	0.50	27.00	464.00	4.00	0.36	2.50	2.50	5.00	103.00	1730.00	10.00	34.00	5.00	6.00	41.00
TL13336	44.5	46.0	1377892	0.50	29.00	453.00	14.00	0.50	2.50	6.00	5.00	95.00	1615.00	1.00	33.00	5.00	6.00	28.00
TL13336	46.0	47.5	1377893	0.50	51.00	449.00	32.00	0.78	2.50	2.50	5.00	87.00	1729.00	1.00	55.00	5.00	9.00	87.00
TL13336	47.5	49.0	1377894	0.50	77.00	460.00	36.00	1.42	2.50	2.50	5.00	56.00	1805.00	9.00	81.00	5.00	9.00	69.00
TL13336	49.0	50.5	1377896	2.00	94.00	509.00	68.00	0.99	2.50	2.50	5.00	73.00	1864.00	3.00	72.00	5.00	11.00	92.00
TL13336	49.0	50.5	1377895	2.00	87.00	501.00	67.00	1.02	2.50	2.50	5.00	72.00	1927.00	8.00	74.00	5.00	11.00	87.00
TL13336	50.5	52.0	1377897	1.00	78.00	434.00	71.00	1.83	2.50	2.50	5.00	65.00	1567.00	1.00	83.00	5.00	11.00	90.00
TL13336	52.0	53.5	1377898	0.50	92.00	1089.00	49.00	1.60	2.50	2.50	5.00	135.00	2206.00	1.00	85.00	5.00	17.00	108.00
TL13336	53.5	54.5	1377899	0.50	64.00	516.00	65.00	1.06	2.50	2.50	5.00	124.00	2332.00	1.00	76.00	5.00	14.00	120.00
TL13336	54.5	55.5	1377901	0.50	87.00	517.00	54.00	1.08	5.00	2.50	5.00	94.00	2533.00	1.00	96.00	5.00	13.00	116.00
TL13336	55.5	56.6	1377902	0.50	90.00	500.00	37.00	1.04	2.50	5.00	5.00	120.00	2342.00	1.00	78.00	5.00	15.00	73.00
TL13336	56.6	58.0	1377903	2.00	71.00	404.00	79.00	1.40	2.50	2.50	5.00	86.00	1766.00	3.00	44.00	5.00	10.00	119.00
TL13336	58.0	59.5	1377904	0.50	63.00	437.00	172.00	1.49	2.50	2.50	5.00	87.00	1892.00	1.00	52.00	5.00	10.00	258.00
TL13336	59.5	61.0	1377905	3.00	58.00	459.00	89.00	1.09	2.50	2.50	5.00	68.00	1873.00	1.00	49.00	5.00	8.00	126.00
TL13336	61.0	62.0	1377906	1.00	48.00	396.00	608.00	1.48	2.50	5.00	5.00	64.00	1678.00	1.00	41.00	11.00	7.00	671.00
TL13336	62.0	63.0	1377907	2.00	88.00	470.00	77.00	1.04	2.50	2.50	5.00	80.00	2364.00	1.00	75.00	5.00	13.00	110.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL13336	63.0	64.5	1377908	1.00	5.10	11.00	289.00	2.00	22.00	1.48	2.00	22.00	136.00	94.00	3.34	0.01	19.00	1.39	792.00
TL13336	64.5	65.5	1377909	1.00	3.98	60.00	240.00	1.00	11.00	1.29	2.00	17.00	112.00	68.00	2.73	0.01	7.00	1.05	573.00
TL13336	65.5	66.5	1377911	0.50	6.27	33.00	334.00	2.00	0.50	1.96	2.00	19.00	107.00	74.00	2.97	0.01	21.00	1.49	765.00
TL13336	66.5	68.0	1377912	3.00	4.58	98.00	265.00	2.00	7.00	0.67	10.00	16.00	115.00	183.00	2.96	0.01	13.00	0.96	400.00
TL13336	68.0	69.3	1377913	3.00	2.36	143.00	246.00	1.00	13.00	0.14	10.00	16.00	109.00	99.00	3.81	0.01	3.00	0.42	208.00
TL13336	69.3	70.8	1377914	3.00	3.24	11.00	387.00	2.00	16.00	3.01	5.00	12.00	98.00	96.00	3.45	0.01	0.50	1.67	1270.00
TL13336	86.5	88.0	1377915	0.50	5.34	12.00	478.00	1.00	11.00	2.75	2.00	8.00	34.00	16.00	1.81	0.01	10.00	1.56	781.00
TL13336	86.5	88.0	1377916	0.50	4.97	17.00	463.00	2.00	1.00	2.58	2.00	7.00	23.00	14.00	1.67	0.01	10.00	1.47	717.00
TL13336	88.0	89.0	1377917	1.00	5.48	11.00	531.00	2.00	11.00	2.65	7.00	16.00	79.00	42.00	2.60	0.01	19.00	1.58	634.00
TL13336	89.0	90.5	1377918	1.00	5.51	3.00	395.00	2.00	4.00	1.54	2.00	22.00	142.00	50.00	3.60	0.01	25.00	1.38	635.00
TL13336	90.5	92.0	1377919	0.50	5.89	7.00	389.00	2.00	10.00	1.53	2.00	24.00	140.00	47.00	3.71	0.01	31.00	1.45	617.00
TL13336	92.0	93.5	1377921	1.00	6.08	25.00	402.00	2.00	4.00	1.88	2.00	21.00	130.00	42.00	3.29	0.01	17.00	1.24	597.00
TL13336	93.5	94.5	1377922	2.00	5.73	82.00	486.00	2.00	18.00	1.03	19.00	21.00	138.00	40.00	3.71	0.01	20.00	0.93	488.00
TL13336	94.5	96.0	1377923	3.00	10.68	24.00	496.00	2.00	12.00	2.26	5.00	19.00	140.00	41.00	3.07	1.80	82.00	0.92	574.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL13336	63.0	64.5	1377908	1.00	77.00	550.00	92.00	0.72	2.50	2.50	5.00	85.00	2621.00	1.00	81.00	5.00	14.00	168.00
TL13336	64.5	65.5	1377909	2.00	85.00	390.00	204.00	1.42	2.50	2.50	5.00	77.00	1951.00	1.00	58.00	5.00	11.00	621.00
TL13336	65.5	66.5	1377911	2.00	71.00	469.00	65.00	0.98	2.50	2.50	5.00	104.00	2419.00	9.00	73.00	5.00	13.00	147.00
TL13336	66.5	68.0	1377912	2.00	65.00	413.00	287.00	2.56	6.00	2.50	5.00	70.00	1839.00	1.00	65.00	29.00	12.00	2770.00
TL13336	68.0	69.3	1377913	4.00	65.00	318.00	221.00	4.08	7.00	2.50	5.00	53.00	1645.00	5.00	59.00	28.00	8.00	2509.00
TL13336	69.3	70.8	1377914	6.00	76.00	325.00	241.00	1.89	5.00	2.50	5.00	137.00	1391.00	1.00	50.00	12.00	9.00	963.00
TL13336	86.5	88.0	1377915	5.00	39.00	437.00	26.00	0.66	2.50	2.50	5.00	175.00	1446.00	1.00	34.00	5.00	7.00	120.00
TL13336	86.5	88.0	1377916	0.50	22.00	452.00	22.00	0.61	2.50	5.00	5.00	175.00	1418.00	1.00	33.00	5.00	6.00	107.00
TL13336	88.0	89.0	1377917	6.00	53.00	475.00	309.00	0.80	2.50	2.50	5.00	183.00	1852.00	1.00	55.00	12.00	10.00	1105.00
TL13336	89.0	90.5	1377918	0.50	70.00	517.00	52.00	0.73	2.50	2.50	5.00	156.00	2690.00	1.00	86.00	5.00	13.00	115.00
TL13336	90.5	92.0	1377919	0.50	74.00	506.00	35.00	0.86	2.50	2.50	5.00	154.00	2805.00	1.00	91.00	5.00	15.00	71.00
TL13336	92.0	93.5	1377921	0.50	64.00	476.00	20.00	1.13	2.50	2.50	5.00	162.00	2512.00	1.00	82.00	5.00	15.00	61.00
TL13336	93.5	94.5	1377922	0.50	73.00	450.00	329.00	2.89	2.50	2.50	5.00	121.00	2406.00	1.00	85.00	48.00	14.00	4548.00
TL13336	94.5	96.0	1377923	8.00	100.00	529.00	45.00	1.46	2.50	10.00	15.00	200.00	2813.00	5.00	82.00	5.00	9.00	120.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL13336	13.4	25.1	11.7	CP	BLB	0.1	Trace cpy in and along margins of qtz veins and typically found near gal
TL13336	13.4	25.1	11.7	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy in qtz veins
TL13336	13.4	25.1	11.7	SPH	ST	0.1	Trace sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL13336	13.4	25.1	11.7	PY	DISS	1	1% disseminated py
TL13336	13.4	25.1	11.7	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13336	25.1	35.0	9.9	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL13336	25.1	35.0	9.9	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL13336	25.1	35.0	9.9	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13336	25.1	35.0	9.9	PY	DISS	0.1	Trace disseminated py
TL13336	33.7	34.1	0.4	CP	BLB	0.1	Trace cpy blebs found in narrow smokey grey qtz vein w/ gal, sph and py
TL13336	35.0	42.0	7.1	PB	BLB	0.1	Trace gal blebs associated w/ sph and cpy
TL13336	35.0	42.0	7.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins containing gal or po
TL13336	35.0	42.0	7.1	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13336	35.0	56.7	21.7	PO	BLB	0.1	Trace po blebs found along margins of qtz veins
TL13336	35.0	56.7	21.7	PY	DISS	0.1	Trace disseminated py
TL13336	35.0	56.7	21.7	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL13336	56.7	58.5	1.9	PO	BLB	0.1	Trace po in rare blebs found along foliation w/ cpy
TL13336	56.7	69.3	12.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins where gal is present
TL13336	56.7	69.3	12.7	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and cpy in qtz veins
TL13336	56.7	69.3	12.7	SPH	ST	1	1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13336	56.7	69.3	12.7	PY	ST	2	2% py in 1-13mm wide stringers oriented semi-parallel to foliation
TL13336	56.7	69.3	12.7	PY	DISS	2	2% Disseminated py throughout the interval
TL13336	69.3	71.0	1.7	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-chl veins
TL13336	69.3	105.0	35.7	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-chl veins
TL13336	69.3	105.0	35.7	PY	ST	0.1	Trace to 1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL13336	69.3	105.0	35.7	PY	DISS	0.1	Trace disseminated py
TL13336	88.0	95.0	7.0	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL13336	88.0	95.0	7.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL13336	13.4	20.5	7.1	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL13336	13.4	25.1	11.7	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13336	20.5	25.1	4.6	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13336	25.1	29.4	4.3	FOL	Weak	55	Weak foliation at 55 deg TCA
TL13336	25.1	35.0	9.9	FR	Weak	30	Weak fracture set in same direction as foliation oriented at 30 deg TCA
TL13336	29.4	35.0	5.6	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13336	35.0	56.7	21.7	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13336	35.0	56.7	21.7	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL13336	35.0	56.7	21.7	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL13336	56.7	59.0	2.4	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL13336	59.0	64.7	5.7	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13336	64.7	69.3	4.7	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13336	69.3	73.6	4.3	FOL	Strong	60	Strong foliation at 60 deg TCA
TL13336	69.3	105.0	35.7	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL13336	69.3	105.0	35.7	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL13336	73.6	89.0	15.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL13336	89.0	104.4	15.4	FOL	Strong	60	Strong foliation at 60 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL13336	13.4	20.5	7.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL13336	13.4	25.1	11.7	SI	Patchy	Moderate	Moderate patchy sil alt
TL13336	20.5	25.1	4.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL13336	25.1	35.0	9.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13336	25.1	35.0	9.9	SI	Patchy	Strong	Strong patchy sil alt
TL13336	25.1	35.0	9.9	E	Fract-Cont	Very Weak	V. weak frac controlled epid alt
TL13336	35.0	47.0	12.1	SI	Patchy	Moderate	Moderate patchy sil alt
TL13336	35.0	56.7	21.7	SI	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL13336	47.0	56.7	9.7	SI	Patchy	Weak	Weak patchy sil alt
TL13336	56.7	59.0	2.4	SR	Patchy	Moderate	Moderate transitional patchy ser alt, ~50% ser to 50% bio
TL13336	56.7	64.6	8.0	SI	Patchy	Moderate	Moderate patchy sil alt
TL13336	59.0	61.9	2.9	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13336	61.9	66.4	4.4	SR	Patchy	Moderate	Moderate patchy ser alt, 45% ser to 55% bio
TL13336	64.6	69.3	4.7	SI	Patchy	Weak	Weak patchy sil alt
TL13336	66.4	69.3	3.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL13336	69.3	105.0	35.7	SI	Patchy	Very Strong	V. strong patchy sil alt
TL13336	69.3	105.0	35.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL13336	15	18	3	3.01	2	100.33	66.67	22	
TL13336	18	21	3	3.03	1.8	101	60	20	
TL13336	21	24	3	2.97	2.54	99	84.67	15	
TL13336	24	27	3	3.01	2.73	100.33	91	13	
TL13336	27	30	3	2.98	1.76	99.33	58.67	25	
TL13336	30	33	3	2.97	2.73	99	91	15	
TL13336	33	36	3	3	2.65	100	88.33	11	
TL13336	36	39	3	2.95	2.8	98.33	93.33	8	
TL13336	39	42	3	2.97	2.87	99	95.67	8	
TL13336	42	45	3	2.99	2.25	99.67	75	19	
TL13336	45	48	3	3.02	2.66	100.67	88.67	13	
TL13336	48	51	3	2.98	2.56	99.33	85.33	14	
TL13336	51	54	3	2.92	1.84	97.33	61.33	31	
TL13336	54	57	3	3	2.51	100	83.67	18	
TL13336	57	60	3	3.01	2.17	100.33	72.33	20	
TL13336	60	63	3	2.96	2.58	98.67	86	15	
TL13336	63	66	3	2.98	2.67	99.33	89	11	
TL13336	66	69	3	2.99	2.68	99.67	89.33	13	
TL13336	69	72	3	3	2.81	100	93.67	6	
TL13336	72	75	3	2.95	2.79	98.33	93	6	
TL13336	75	78	3	2.99	2.79	99.67	93	5	
TL13336	78	81	3	3.02	2.71	100.67	90.33	4	
TL13336	81	84	3	2.95	2.89	98.33	96.33	6	
TL13336	84	87	3	2.99	2.73	99.67	91	7	
TL13336	87	90	3	3	2.67	100	89	9	
TL13336	90	93	3	2.93	2.63	97.67	87.67	11	
TL13336	93	96	3	2.97	2.28	99	76	15	
TL13336	96	99	3	2.97	1.61	99	53.67	17	
TL13336	99	102	3	2.22	1.5	74	50	14	
TL13336	102	105	3	3.05	2.71	101.67	90.33	12	

Hole Number: TL0827-13RE

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5511906.26	North:	Collar Az: 360.00
Location: Zealand Township	East: 528055.74	East:	Length: 246.00
	Elev: 393.80	Elev:	Start Depth: 0.00
Date Started: Apr 25, 2008	Collar Survey: Y	Plugged: N	Contractor: G&O Diamond Drilling
Date Completed: Apr 27, 2008	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 246.00

Comments: Logged by Adam Tremblay and Brian Wolfe

Patent #0134 (15395 Fraser Option)

The first mineralized zone begins at 21.55 m in the BMS unit and continues until 35.3 m. This zone contains up to 15% bleb-disseminated Py.

The second mineralized zone begins in a BMS unit at 47 m and continues until 74 m. This zone contains up to 25% bleb-disseminated Py within the foliation planes.

A third mineralized zone begins in the MSS unit at 91 and continues into the BMS unit where it comes to an end at about 117 m. This zone contains up to 25% Py blebs, 3% Py stringers and 1% CP.

The last mineralized zone runs from 137-174 in the BMS unit. This zone contains up to 15% Py in the foliation planes, trace CP and up to 1% Sph.

16 to 16.5m (Au 0.18 PPM & Ag 47.55 PPM)

Very light grey section with disseminated Py, cubic Gal, clasts of Cpy. Sulfides follow the foliation. It occurs within MSS.

87.5 to 88m (Au 3.66 PPM & Ag 1.43 PPM)

Light grey-greenish, strongly altered MSS with a Qtz lense. Mineralization - stringers and disseminated Py and Sph in the foliation planes and before the Qtz lense. Rare disseminated Cpy and Gal. Visible increase of the Ser. Mineralized section is lighter then the intervals before and after.

95 to 96m (Au 5.83 PPM & Ag 16.37 PPM)

Qtz ribbon, almost parallel to the foliation in strongly altered MSS. Mineralization - disseminated Py and Sph in the foliation planes, rare disseminated Cpy and Gal. Visible increase of the Ser. Mineralized section is lighter then the intervals before and after. No VG.

117.5 to 118m (Au 0.17 PPM & Ag 36.19 PPM)

Soft and broken strongly sericitized section of MSS. Disseminated finegrained Py and Gal. Colour is very light beige-grey, core prior to and after section is the same.

121 to 122m (Au 0.17 PPM & Ag 58.22 PPM)

Soft and broken strongly sericitized section of MSS. Disseminated fine grained Py and Gal. The rock is very light silky grey-green, core prior to and after section is the same.

122 to 122.6m (Au 0.01 PPM & 68.75 PPM)

Soft and broken strongly sericitized section of MSS with a Qtz vein. Disseminated finegrained Py and Gal in the fol planes. Very rare cubic Py in the Qtz vein. Colour is very light grey-green, core prior to and after section is the same.

123.6 to 124m (Au 0.02 PPM & Ag 42.19 PPM)

Strongly altered MSS. Disseminated finegrained Py and Gal. Colour is very light grey-green, core prior to and after section is the same.

124 to 124.5m (Au 0.13 PPM & Ag 64.67 PPM)

Soft and broken strongly sericitized section of MSS with a Qtz vein crosscutting the fol. Turmaline and rare Py and Cpy in the Qtz vein. Disseminated finegrained Py and Gal. Colour is very light grey-beige, core prior to and after section is the same.

125 to 125.5m (Au 0.04 PPM & Ag 129.83 PPM)

Soft altered section of MSS. Disseminated finegrained Py and Gal. Colour is very light beige-grey-green, core prior to and after section is enriched with Chl.

Old Teck Hole Re-entered on Jan 24th, 2013 at 181.65m

MSS C-Zone from 181.65m-195.48m

This C-Zone MSS is not strongly altered and has moderate patchy sericitic alteration and moderate patchy silicification. This unit is poorly mineralized with 2% disseminated pyrite, trace pyrite in stringers, trace pyrrhotite in stringers, trace chalcopyrite blebs, and trace sphalerite stringers.

June 13, 2013 - Reinterpreted lithologies from 12-21.5m and 60-80.95m. Alarsen

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	360.00	-45.00	EZ Sho	OK		24.00	0.50	-44.60	EZ Sho	OK	
51.00	0.60	-43.40	EZ Sho	OK		150.00	2.10	-41.00	EZ Sho	OK	
204.00	2.20	-39.70	EZ Sho	OK		246.00	1.70	-37.90	EZ Sho	OK	

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	12.00	OB, Overburden RQD 11.00 - 14.00 : 71.00 % RQD 100.00 % Core	641487	11.00	12.00	1.00	0.02				
12.00	18.05	MSS, Muscovite Sericite Schist RQD 14.00 - 17.00 : 89.00 % RQD 100.00 % Core 17.00 - 20.00 : 84.00 % RQD 100.00 % Core	641488	12.00	12.90	0.90	0.02				
			641489	12.90	13.90	1.00	0.03				
			641491	13.90	15.00	1.10	0.03				
			641492	15.00	16.00	1.00	0.02				
			641493	16.00	16.50	0.50	0.18				
			641494	16.50	17.20	0.70	0.20				
			641495	17.20	18.05	0.85	0.02				
18.05	21.55	MSS, Muscovite Sericite Schist RQD 20.00 - 23.00 : 77.00 % RQD 100.00 % Core over 26 breaks, some rubble	641496	18.05	19.00	0.95	0.01				
			641497	19.00	20.00	1.00	0.02				
			641498	20.00	21.00	1.00	0.02				
			641499	21.00	21.45	0.45	0.02				
			641501	21.45	22.00	0.55	0.03				
21.55	35.30	BMS, Biotite Muscovite Schist The first mineralized zone begins at 21.55 m in the BMS unit and continues until 35.3 m. This zone contains up to 15% bleb-disseminated Py. RQD 23.00 - 26.00 : 83.00 % RQD 100.00 % Core 26.00 - 29.00 : 89.00 % RQD 100.00 % Core 29.00 - 32.00 : 70.00 % RQD 100.00 % Core 32.00 - 35.00 : 66.00 % RQD 100.00 % Core 35.00 - 38.00 : 91.00 % RQD 100.00 % Core	641502	22.00	22.50	0.50	0.03				
			641503	22.50	23.00	0.50	0.03				
			641504	23.00	24.00	1.00	0.03				
			641505	24.00	24.50	0.50	0.02				
			641506	24.50	25.00	0.50	0.04				
			641507	25.00	26.00	1.00	0.11				
			641508	26.00	27.00	1.00	0.06				
			641509	27.00	27.50	0.50	0.02				
			641511	27.50	28.00	0.50	0.07				
			641512	28.00	28.50	0.50	0.04				
			641513	28.50	29.00	0.50	0.03				
			641514	29.00	29.50	0.50	0.05				
			641515	29.50	30.30	0.80	0.07				
			641516	30.30	31.30	1.00	0.04				
			641517	31.30	32.00	0.70	0.58				
			641518	32.00	32.50	0.50	1.36				
			641519	32.50	33.00	0.50	0.06				
			641521	33.00	33.50	0.50	0.02				
			641522	33.50	34.00	0.50	0.12				
			641523	34.00	34.70	0.70	0.11				
			641524	34.70	35.30	0.60	0.03				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
35.30	47.00	MSS, Muscovite Sericite Schist	641525	35.30	36.00	0.70	0.02				
		RQD	641526	36.00	36.50	0.50	0.02				
		38.00 - 41.00 : 87.00 % RQD 100.00 % Core	641527	36.50	37.00	0.50	0.02				
		41.00 - 44.00 : 84.00 % RQD 100.00 % Core	641528	37.00	38.00	1.00	0.02				
		44.00 - 47.00 : 47.00 % RQD 100.00 % Core	641529	38.00	39.00	1.00	0.02				
			641531	39.00	40.00	1.00	0.04				
			641532	40.00	41.00	1.00	0.01				
			641533	41.00	42.00	1.00	0.03				
			641534	42.00	42.50	0.50	0.02				
			641535	42.50	43.00	0.50	0.01				
			641536	43.00	43.50	0.50	0.05				
			641537	43.50	44.00	0.50	0.14				
			641538	44.00	45.00	1.00	0.15				
			641539	45.00	46.00	1.00	0.03				
			641541	46.00	47.00	1.00	0.02				
47.00	60.00	BMS, Biotite Muscovite Schist	641542	47.00	47.50	0.50	0.02				
		The second mineralized zone begins in a BMS unit at 47 m and continues until 74 m. This zone contains up to 25% bleb-disseminated Py within the foliation planes.	641543	47.50	48.00	0.50	0.02				
		RQD	641544	48.00	49.00	1.00	0.02				
		47.00 - 50.00 : 86.00 % RQD 100.00 % Core	641545	49.00	50.00	1.00	0.02				
		50.00 - 53.00 : 83.00 % RQD 100.00 % Core	641546	50.00	50.50	0.50	0.02				
		53.00 - 56.00 : 93.00 % RQD 100.00 % Core	641547	50.50	51.20	0.70	0.02				
		56.00 - 59.00 : 90.00 % RQD 100.00 % Core	641548	51.20	52.00	0.80	0.02				
		59.00 - 62.00 : 59.00 % RQD 100.00 % Core	641549	52.00	53.00	1.00	0.02				
			641551	53.00	53.50	0.50	0.02				
			641552	53.50	54.00	0.50	0.03				
			641553	54.00	55.00	1.00	0.02				
			641554	55.00	56.00	1.00	0.09				
			641555	56.00	56.50	0.50	0.01				
			641556	56.50	57.00	0.50	1.35				
			641557	57.00	57.50	0.50	0.00				
			641558	57.50	58.00	0.50	0.00				
			641559	58.00	58.50	0.50	0.02				
			641561	58.50	59.00	0.50	0.00				
			641562	59.00	59.50	0.50	0.02				
			641563	59.50	60.00	0.50	0.15				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
60.00	74.00	MSS, Muscovite Sericite Schist	641564	60.00	60.50	0.50	0.01				
		RQD	641565	60.50	61.20	0.70	0.01				
		62.00 - 65.00 : 91.00 % RQD 100.00 % Core	641566	61.20	62.00	0.80	0.01				
		65.00 - 68.00 : 96.00 % RQD 100.00 % Core	641567	62.00	62.50	0.50	0.01				
		68.00 - 71.00 : 78.00 % RQD 100.00 % Core	641568	62.50	63.00	0.50	0.03				
		71.00 - 74.00 : 93.00 % RQD 100.00 % Core	641569	63.00	64.00	1.00	0.04				
			641571	64.00	65.00	1.00	0.02				
			641572	65.00	66.00	1.00	0.04				
			641573	66.00	67.00	1.00	0.02				
			641574	67.00	68.00	1.00	0.01				
			641575	68.00	69.00	1.00	0.01				
			641576	69.00	70.00	1.00	0.03				
			641577	70.00	71.00	1.00	0.09				
			641578	71.00	72.00	1.00	0.07				
			641579	72.00	72.50	0.50	0.16				
			641581	72.50	73.00	0.50	0.09				
			641582	73.00	74.00	1.00	0.04				
74.00	80.95	MSS, Muscovite Sericite Schist	641583	74.00	75.00	1.00	0.09				
		RQD	641584	75.00	75.50	0.50	0.07				
		74.00 - 77.00 : 81.00 % RQD 100.00 % Core	641585	75.50	76.00	0.50	0.08				
		77.00 - 80.00 : 57.00 % RQD 100.00 % Core	641586	76.00	76.50	0.50	0.02				
		80.00 - 83.00 : 95.00 % RQD 100.00 % Core	641587	76.50	77.00	0.50	0.04				
			641588	77.00	78.00	1.00	0.05				
			641589	78.00	79.00	1.00	0.37				
			641591	79.00	80.00	1.00	0.35				
			641592	80.00	81.00	1.00	0.24				
80.95	91.00	BMS, Biotite Muscovite Schist	641593	81.00	82.00	1.00	0.18				
		RQD	641594	82.00	83.00	1.00	0.04				
		83.00 - 86.00 : 84.00 % RQD 100.00 % Core	641595	83.00	84.00	1.00	0.22				
		86.00 - 89.00 : 94.00 % RQD 100.00 % Core	641596	84.00	85.00	1.00	0.14				
		89.00 - 92.00 : 89.00 % RQD 100.00 % Core	641597	85.00	86.00	1.00	0.87				
			641598	86.00	87.00	1.00	0.29				
			641599	87.00	87.50	0.50	0.58				
			641601	87.50	88.00	0.50	3.66				
			641602	88.00	89.00	1.00	0.16				
			641603	89.00	90.00	1.00	0.44				
			641604	90.00	91.00	1.00	0.04				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
91.00	101.00	MSS, Muscovite Sericite Schist	641605	91.00	92.00	1.00	0.02				
		A third mineralized zone begins in the MSS unit at 91 and continues into the BMS unit where it comes to an end at about 117 m. This zone contains up to 25% Py blebs, 3% Py stringers and 1% CP.	641606	92.00	93.00	1.00	0.02				
		RQD	641607	93.00	94.00	1.00	0.04				
		92.00 - 95.00 : 73.00 % RQD 100.00 % Core	641608	94.00	94.50	0.50	0.11				
		95.00 - 98.00 : 76.00 % RQD 100.00 % Core	641609	94.50	95.00	0.50	0.12				
		98.00 - 101.00 : 98.00 % RQD 100.00 % Core	641611	95.00	96.00	1.00	5.83				
			641612	96.00	97.00	1.00	0.03				
			641613	97.00	98.00	1.00	0.03				
			641614	98.00	99.00	1.00	0.03				
			641615	99.00	100.00	1.00	0.02				
			641616	100.00	101.00	1.00	0.02				
101.00	117.00	BMS, Biotite Muscovite Schist	641617	101.00	102.00	1.00	0.03				
		RQD	641618	102.00	103.00	1.00	0.03				
		101.00 - 104.00 : 97.00 % RQD 100.00 % Core	641619	103.00	104.00	1.00	0.04				
		104.00 - 107.00 : 98.00 % RQD 100.00 % Core	641621	104.00	104.50	0.50	0.04				
		107.00 - 110.00 : 93.00 % RQD 100.00 % Core	641622	104.50	105.00	0.50	0.03				
		110.00 - 113.00 : 95.00 % RQD 100.00 % Core	641623	105.00	106.00	1.00	0.04				
		113.00 - 116.00 : 96.00 % RQD 100.00 % Core	641624	106.00	107.00	1.00	0.02				
		116.00 - 119.00 : 57.00 % RQD 100.00 % Core	641625	107.00	107.80	0.80	0.01				
		more than 47 breaks, lots of rubble	641626	107.80	108.20	0.40	0.08				
			641627	108.20	109.00	0.80	0.03				
			641628	109.00	109.50	0.50	0.24				
			641629	109.50	110.00	0.50	0.03				
			641631	110.00	110.50	0.50	0.15				
			641632	110.50	111.00	0.50	0.01				
			641633	111.00	111.50	0.50	0.02				
			641634	111.50	112.00	0.50	0.01				
			641635	112.00	113.00	1.00	0.01				
			641636	113.00	114.00	1.00	0.00				
			641637	114.00	114.50	0.50	0.01				
			641638	114.50	115.00	0.50	0.01				
			641639	115.00	115.50	0.50	0.01				
			641641	115.50	116.00	0.50	0.01				
			641642	116.00	116.50	0.50	0.01				
			641643	116.50	117.00	0.50	0.00				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
117.00	126.70	MSS, Muscovite Sericite Schist	641644	117.00	117.50	0.50	0.01				
		RQD	641645	117.50	118.00	0.50	0.17				
		119.00 - 122.00 : 35.00 % RQD 100.00 % Core	641646	118.00	119.50	1.50	0.03				
		122.00 - 125.00 : 55.00 % RQD 100.00 % Core	641647	119.50	120.00	0.50	0.02				
		125.00 - 128.00 : 97.00 % RQD 100.00 % Core	641648	120.00	120.30	0.30	0.12				
			641649	120.30	121.00	0.70	0.16				
			641651	121.00	122.00	1.00	0.17				
			641652	122.00	122.60	0.60	0.01				
			641653	122.60	123.60	1.00	0.09				
			641654	123.60	124.00	0.40	0.02				
			641655	124.00	124.50	0.50	0.20				
			641656	124.50	125.00	0.50	0.13				
			641657	125.00	125.50	0.50	0.04				
			641658	125.50	126.00	0.50	0.02				
			641659	126.00	126.70	0.70	0.00				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
126.70	181.65	BMS, Biotite Muscovite Schist	641661	126.70	127.50	0.80	0.01				
		The last mineralized zone runs from 137-174 in the BMS unit. This zone contains up to 15% Py in the foliation planes, trace CP and up to 1% Sph.	641662	127.50	128.00	0.50	0.00				
		RQD	641663	128.00	129.00	1.00	0.00				
		128.00 - 131.00 : 92.00 % RQD 100.00 % Core	641664	129.00	130.00	1.00	0.00				
		131.00 - 134.00 : 95.00 % RQD 100.00 % Core	641665	130.00	131.00	1.00	0.00				
		134.00 - 137.00 : 99.00 % RQD 100.00 % Core	641666	131.00	132.00	1.00	0.01				
		137.00 - 140.00 : 97.00 % RQD 100.00 % Core	641667	132.00	132.50	0.50	0.00				
		140.00 - 143.00 : 81.00 % RQD 100.00 % Core	641668	132.50	133.00	0.50	0.01				
		143.00 - 146.00 : 83.00 % RQD 100.00 % Core	641669	133.00	134.00	1.00	0.01				
		146.00 - 149.00 : 93.00 % RQD 100.00 % Core	641671	134.00	135.00	1.00	0.06				
		149.00 - 151.00 : 59.00 % RQD 100.00 % Core	641672	135.00	136.00	1.00	0.42				
		151.00 - 154.00 : 100.00 % RQD 100.00 % Core	641673	136.00	137.00	1.00	0.45				
		154.00 - 157.00 : 91.00 % RQD 100.00 % Core	641674	137.00	137.50	0.50	0.09				
		157.00 - 160.00 : 93.00 % RQD 100.00 % Core	641675	137.50	138.00	0.50	0.34				
		160.00 - 163.00 : 87.00 % RQD 100.00 % Core	641676	138.00	138.50	0.50	0.45				
		163.00 - 166.00 : 86.00 % RQD 100.00 % Core	641677	138.50	139.00	0.50	0.09				
		166.00 - 169.00 : 98.00 % RQD 100.00 % Core	641678	139.00	139.50	0.50	0.01				
		169.00 - 172.00 : 100.00 % RQD 100.00 % Core	641679	139.50	140.00	0.50	0.01				
		172.00 - 175.00 : 76.00 % RQD 100.00 % Core	641681	140.00	141.00	1.00	0.00				
		175.00 - 178.00 : 37.00 % RQD 100.00 % Core	641682	141.00	141.50	0.50	0.01				
		178.00 - 180.00 : 98.00 % RQD 100.00 % Core	641683	141.50	141.90	0.40	0.02				
			641684	141.90	142.70	0.80	0.05				
			641685	142.70	143.00	0.30	0.09				
			641686	143.00	144.00	1.00	0.00				
			641687	144.00	145.00	1.00	0.01				
			641688	145.00	145.50	0.50	0.03				
			641689	145.50	146.00	0.50	0.10				
			641691	146.00	146.50	0.50	0.36				
			641692	146.50	147.00	0.50	0.05				
			641693	147.00	147.50	0.50	0.04				
			641694	147.50	148.00	0.50	0.11				
			641695	148.00	148.50	0.50	0.04				
			641696	148.50	149.00	0.50	0.02				
			641697	149.00	149.50	0.50	0.03				
			641698	149.50	150.00	0.50	0.02				
			641699	150.00	151.00	1.00	0.06				
			641701	151.00	151.50	0.50	0.03				
			641702	151.50	152.00	0.50	0.03				
			641703	152.00	152.50	0.50	0.01				
			641704	152.50	153.00	0.50	0.02				
			641705	153.00	154.00	1.00	0.02				
			641706	154.00	154.50	0.50	0.04				
			641707	154.50	155.00	0.50	0.12				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
			641708	155.00	156.00	1.00	0.05				
			641709	156.00	157.00	1.00	0.04				
			641711	157.00	157.50	0.50	0.02				
			641712	157.50	158.32	0.82	0.00				
			641713	158.32	159.00	0.68	0.03				
			641714	159.00	160.00	1.00	0.03				
			641715	160.00	160.80	0.80	0.03				
			641716	160.80	161.40	0.60	0.05				
			641717	161.40	162.00	0.60	0.02				
			641718	162.00	162.40	0.40	0.04				
			641719	162.40	163.00	0.60	0.52				
			641721	163.00	163.50	0.50	0.22				
			641722	163.50	164.00	0.50	0.48				
			641723	164.00	164.50	0.50	0.09				
			641724	164.50	165.10	0.60	0.00				
			641725	165.10	166.00	0.90	0.01				
			641726	166.00	167.00	1.00	0.03				
			641727	167.00	168.00	1.00	0.04				
			641728	168.00	168.50	0.50	0.02				
			641729	168.50	169.00	0.50	0.12				
			641731	169.00	169.40	0.40	0.11				
			641732	169.40	170.15	0.75	0.06				
			641733	170.15	171.00	0.85	0.11				
			641734	171.00	172.00	1.00	0.05				
			641735	172.00	172.50	0.50	0.30				
			641736	172.50	173.00	0.50	0.22				
			641737	173.00	173.50	0.50	0.48				
			641738	173.50	174.00	0.50	0.23				
			641739	174.00	174.40	0.40	0.08				
			641741	174.40	175.17	0.77	0.02				
			641742	175.17	176.00	0.83	0.13				
			641743	176.00	177.00	1.00	0.09				
			641744	177.00	178.00	1.00	0.14				
			641745	178.00	179.00	1.00	0.31				
			641746	179.00	180.00	1.00	0.13				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
181.65	195.48	MSS, Muscovite Sericite Schist	1368113	181.65	183.00	1.35	0.44				
		MSS C-Zone from 181.65m-195.48m	1368114	183.00	184.00	1.00	0.10				
		This C-Zone MSS is not strongly altered and has moderate patchy sericitic alteration and moderate patchy silicification. This unit is poorly mineralized with 2% disseminated pyrite, trace pyrite in stringers, trace pyrrhotite in stringers, trace chalcopyrite blebs, and trace sphalerite stringers.	1368115	184.00	185.00	1.00	0.04				
			1368116	185.00	186.00	1.00	0.06				
			1368117	186.00	187.00	1.00	0.06				
			1368118	187.00	188.00	1.00	0.05				
			1368119	188.00	189.00	1.00	0.11				
			1368121	189.00	190.00	1.00	0.08				
			1368122	190.00	191.00	1.00	0.09				
			1368123	191.00	192.00	1.00	0.03				
			1368124	192.00	193.00	1.00	0.49				
			1368125	193.00	194.00	1.00	0.18				
			1368126	193.00	194.00	1.00	0.15				
			1368127	194.00	195.50	1.50	0.16				

DETAILED LOG

Hole Number: TL0827-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data							
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1
195.48	246.00	BMS, Biotite Muscovite Schist This BMS unit has very weak to moderate patchy sericitic alteration and very strong patchy silicification. This unit is moderately mineralized with 2% pyrite in stringers, 2% pyrrhotite in stringers, 1% disseminated pyrite, trace sphalerite in stringers, trace galena blebs and trace chalcopyrite blebs.	1368128	195.50	196.40	0.90	0.05			
			1368129	196.40	197.00	0.60	0.09			
			1368131	197.00	198.50	1.50	0.03			
			1368132	198.50	200.00	1.50	0.02			
			1368133	200.00	201.50	1.50	0.02			
			1368134	201.50	203.00	1.50	0.03			
			1368135	203.00	204.50	1.50	0.05			
			1368136	204.50	206.00	1.50	0.06			
			1368137	206.00	207.50	1.50	0.09			
			1368138	207.50	209.00	1.50	0.14			
			1368139	209.00	210.50	1.50	0.07			
			1368141	210.50	212.00	1.50	0.07			
			1368142	212.00	213.50	1.50	0.04			
			1368143	213.50	215.00	1.50	0.05			
			1368144	215.00	216.50	1.50	0.04			
			1368145	216.50	218.00	1.50	0.02			
			1368146	216.50	218.00	1.50	0.03			
			1368147	218.00	219.50	1.50	0.04			
			1368148	219.50	221.00	1.50	0.07			
			1368149	221.00	222.50	1.50	0.02			
			1368151	222.50	224.00	1.50	0.05			
			1368152	224.00	225.50	1.50	0.30			
			1368153	225.50	227.00	1.50	0.05			
			1368154	227.00	228.50	1.50	0.16			
			1368155	228.50	230.00	1.50	0.11			
			1368156	230.00	231.50	1.50	0.05			
			1368157	231.50	233.00	1.50	0.11			
			1368158	233.00	234.50	1.50	1.46			
			1368159	234.50	236.00	1.50	0.15			
			1368161	236.00	237.50	1.50	0.13			
		1368162	237.50	239.00	1.50	0.09				
		1368163	239.00	240.50	1.50	0.22				
		1368164	240.50	242.00	1.50	0.20				
		1368165	242.00	243.50	1.50	0.17				
		1368166	242.00	243.50	1.50	0.23				
		1368167	243.50	244.50	1.00	0.27				
		1368168	244.50	246.00	1.50	0.09				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type ASSAY							
641487	11.00	12.00	0.0170				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
641488	12.00	12.90	0.0230				
641489	12.90	13.90	0.0300				
641491	13.90	15.00	0.0290				
641492	15.00	16.00	0.0180				
641493	16.00	16.50	0.1780				
641494	16.50	17.20	0.1950				
641495	17.20	18.05	0.0190				
641496	18.05	19.00	0.0140				
641497	19.00	20.00	0.0150				
641498	20.00	21.00	0.0190				
641499	21.00	21.45	0.0170				
641501	21.45	22.00	0.0260				
641502	22.00	22.50	0.0270				
641503	22.50	23.00	0.0260				
641504	23.00	24.00	0.0250				
641505	24.00	24.50	0.0240				
641506	24.50	25.00	0.0400				
641507	25.00	26.00	0.1080				
641508	26.00	27.00	0.0570				
641509	27.00	27.50	0.0180				
641511	27.50	28.00	0.0690				
641512	28.00	28.50	0.0410				
641513	28.50	29.00	0.0290				
641514	29.00	29.50	0.0520				
641515	29.50	30.30	0.0680				
641516	30.30	31.30	0.0360				
641517	31.30	32.00	0.5810				
641518	32.00	32.50	1.3580				
641519	32.50	33.00	0.0600				
641521	33.00	33.50	0.0220				
641522	33.50	34.00	0.1170				
641523	34.00	34.70	0.1080				
641524	34.70	35.30	0.0260				
641525	35.30	36.00	0.0230				
641526	36.00	36.50	0.0160				
641527	36.50	37.00	0.0170				
641528	37.00	38.00	0.0150				
641529	38.00	39.00	0.0200				
641531	39.00	40.00	0.0410				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
641532	40.00	41.00	0.0130				
641533	41.00	42.00	0.0290				
641534	42.00	42.50	0.0210				
641535	42.50	43.00	0.0120				
641536	43.00	43.50	0.0530				
641537	43.50	44.00	0.1390				
641538	44.00	45.00	0.1490				
641539	45.00	46.00	0.0290				
641541	46.00	47.00	0.0230				
641542	47.00	47.50	0.0210				
641543	47.50	48.00	0.0240				
641544	48.00	49.00	0.0240				
641545	49.00	50.00	0.0240				
641546	50.00	50.50	0.0170				
641547	50.50	51.20	0.0160				
641548	51.20	52.00	0.0160				
641549	52.00	53.00	0.0210				
641551	53.00	53.50	0.0230				
641552	53.50	54.00	0.0270				
641553	54.00	55.00	0.0160				
641554	55.00	56.00	0.0920				
641555	56.00	56.50	0.0140				
641556	56.50	57.00	1.3520				
641557	57.00	57.50	0.0030				
641558	57.50	58.00	0.0030				
641559	58.00	58.50	0.0190				
641561	58.50	59.00	0.0030				
641562	59.00	59.50	0.0200				
641563	59.50	60.00	0.1530				
641564	60.00	60.50	0.0130				
641565	60.50	61.20	0.0090				
641566	61.20	62.00	0.0130				
641567	62.00	62.50	0.0120				
641568	62.50	63.00	0.0330				
641569	63.00	64.00	0.0370				
641571	64.00	65.00	0.0180				
641572	65.00	66.00	0.0400				
641573	66.00	67.00	0.0170				
641574	67.00	68.00	0.0140				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
641575	68.00	69.00	0.0070				
641576	69.00	70.00	0.0290				
641577	70.00	71.00	0.0850				
641578	71.00	72.00	0.0680				
641579	72.00	72.50	0.1640				
641581	72.50	73.00	0.0900				
641582	73.00	74.00	0.0400				
641583	74.00	75.00	0.0890				
641584	75.00	75.50	0.0670				
641585	75.50	76.00	0.0750				
641586	76.00	76.50	0.0220				
641587	76.50	77.00	0.0350				
641588	77.00	78.00	0.0500				
641589	78.00	79.00	0.3710				
641591	79.00	80.00	0.3540				
641592	80.00	81.00	0.2400				
641593	81.00	82.00	0.1820				
641594	82.00	83.00	0.0440				
641595	83.00	84.00	0.2170				
641596	84.00	85.00	0.1360				
641597	85.00	86.00	0.8660				
641598	86.00	87.00	0.2930				
641599	87.00	87.50	0.5780				
641601	87.50	88.00	3.6610				
641602	88.00	89.00	0.1550				
641603	89.00	90.00	0.4360				
641604	90.00	91.00	0.0440				
641605	91.00	92.00	0.0220				
641606	92.00	93.00	0.0160				
641607	93.00	94.00	0.0360				
641608	94.00	94.50	0.1090				
641609	94.50	95.00	0.1190				
641611	95.00	96.00	5.8310				
641612	96.00	97.00	0.0310				
641613	97.00	98.00	0.0320				
641614	98.00	99.00	0.0280				
641615	99.00	100.00	0.0190				
641616	100.00	101.00	0.0220				
641617	101.00	102.00	0.0320				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
641618	102.00	103.00	0.0300				
641619	103.00	104.00	0.0430				
641621	104.00	104.50	0.0430				
641622	104.50	105.00	0.0270				
641623	105.00	106.00	0.0350				
641624	106.00	107.00	0.0160				
641625	107.00	107.80	0.0140				
641626	107.80	108.20	0.0780				
641627	108.20	109.00	0.0340				
641628	109.00	109.50	0.2350				
641629	109.50	110.00	0.0250				
641631	110.00	110.50	0.1520				
641632	110.50	111.00	0.0140				
641633	111.00	111.50	0.0220				
641634	111.50	112.00	0.0130				
641635	112.00	113.00	0.0090				
641636	113.00	114.00	0.0030				
641637	114.00	114.50	0.0140				
641638	114.50	115.00	0.0120				
641639	115.00	115.50	0.0090				
641641	115.50	116.00	0.0100				
641642	116.00	116.50	0.0100				
641643	116.50	117.00	0.0030				
641644	117.00	117.50	0.0070				
641645	117.50	118.00	0.1710				
641646	118.00	119.50	0.0250				
641647	119.50	120.00	0.0150				
641648	120.00	120.30	0.1160				
641649	120.30	121.00	0.1580				
641651	121.00	122.00	0.1660				
641652	122.00	122.60	0.0070				
641653	122.60	123.60	0.0940				
641654	123.60	124.00	0.0160				
641655	124.00	124.50	0.2040				
641656	124.50	125.00	0.1270				
641657	125.00	125.50	0.0410				
641658	125.50	126.00	0.0220				
641659	126.00	126.70	0.0030				
641661	126.70	127.50	0.0100				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
641662	127.50	128.00	0.0030				
641663	128.00	129.00	0.0030				
641664	129.00	130.00	0.0030				
641665	130.00	131.00	0.0030				
641666	131.00	132.00	0.0060				
641667	132.00	132.50	0.0030				
641668	132.50	133.00	0.0080				
641669	133.00	134.00	0.0060				
641671	134.00	135.00	0.0580				
641672	135.00	136.00	0.4190				
641673	136.00	137.00	0.4510				
641674	137.00	137.50	0.0860				
641675	137.50	138.00	0.3350				
641676	138.00	138.50	0.4540				
641677	138.50	139.00	0.0900				
641678	139.00	139.50	0.0080				
641679	139.50	140.00	0.0060				
641681	140.00	141.00	0.0030				
641682	141.00	141.50	0.0140				
641683	141.50	141.90	0.0150				
641684	141.90	142.70	0.0520				
641685	142.70	143.00	0.0880				
641686	143.00	144.00	0.0030				
641687	144.00	145.00	0.0060				
641688	145.00	145.50	0.0250				
641689	145.50	146.00	0.1000				
641691	146.00	146.50	0.3600				
641692	146.50	147.00	0.0510				
641693	147.00	147.50	0.0430				
641694	147.50	148.00	0.1080				
641695	148.00	148.50	0.0400				
641696	148.50	149.00	0.0200				
641697	149.00	149.50	0.0340				
641698	149.50	150.00	0.0200				
641699	150.00	151.00	0.0620				
641701	151.00	151.50	0.0310				
641702	151.50	152.00	0.0320				
641703	152.00	152.50	0.0130				
641704	152.50	153.00	0.0200				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
641705	153.00	154.00	0.0230				
641706	154.00	154.50	0.0350				
641707	154.50	155.00	0.1180				
641708	155.00	156.00	0.0490				
641709	156.00	157.00	0.0350				
641711	157.00	157.50	0.0240				
641712	157.50	158.32	0.0030				
641713	158.32	159.00	0.0320				
641714	159.00	160.00	0.0280				
641715	160.00	160.80	0.0300				
641716	160.80	161.40	0.0540				
641717	161.40	162.00	0.0230				
641718	162.00	162.40	0.0440				
641719	162.40	163.00	0.5190				
641721	163.00	163.50	0.2240				
641722	163.50	164.00	0.4770				
641723	164.00	164.50	0.0850				
641724	164.50	165.10	0.0030				
641725	165.10	166.00	0.0100				
641726	166.00	167.00	0.0300				
641727	167.00	168.00	0.0350				
641728	168.00	168.50	0.0160				
641729	168.50	169.00	0.1240				
641731	169.00	169.40	0.1080				
641732	169.40	170.15	0.0590				
641733	170.15	171.00	0.1050				
641734	171.00	172.00	0.0480				
641735	172.00	172.50	0.3000				
641736	172.50	173.00	0.2230				
641737	173.00	173.50	0.4750				
641738	173.50	174.00	0.2280				
641739	174.00	174.40	0.0820				
641741	174.40	175.17	0.0240				
641742	175.17	176.00	0.1260				
641743	176.00	177.00	0.0870				
641744	177.00	178.00	0.1440				
641745	178.00	179.00	0.3050				
641746	179.00	180.00	0.1250				
1368113	181.65	183.00	0.4350				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368114	183.00	184.00	0.1020				
1368115	184.00	185.00	0.0400				
1368116	185.00	186.00	0.0570				
1368117	186.00	187.00	0.0620				
1368118	187.00	188.00	0.0500				
1368119	188.00	189.00	0.1090				
1368121	189.00	190.00	0.0840				
1368122	190.00	191.00	0.0880				
1368123	191.00	192.00	0.0300				
1368124	192.00	193.00	0.4870				
1368125	193.00	194.00	0.1760				
1368127	194.00	195.50	0.1550				
1368128	195.50	196.40	0.0500				
1368129	196.40	197.00	0.0900				
1368131	197.00	198.50	0.0280				
1368132	198.50	200.00	0.0230				
1368133	200.00	201.50	0.0230				
1368134	201.50	203.00	0.0260				
1368135	203.00	204.50	0.0510				
1368136	204.50	206.00	0.0550				
1368137	206.00	207.50	0.0870				
1368138	207.50	209.00	0.1420				
1368139	209.00	210.50	0.0730				
1368141	210.50	212.00	0.0660				
1368142	212.00	213.50	0.0410				
1368143	213.50	215.00	0.0530				
1368144	215.00	216.50	0.0380				
1368145	216.50	218.00	0.0160				
1368147	218.00	219.50	0.0350				
1368148	219.50	221.00	0.0700				
1368149	221.00	222.50	0.0230				
1368151	222.50	224.00	0.0480				
1368152	224.00	225.50	0.2980				
1368153	225.50	227.00	0.0530				
1368154	227.00	228.50	0.1610				
1368155	228.50	230.00	0.1090				
1368156	230.00	231.50	0.0480				
1368157	231.50	233.00	0.1050				
1368158	233.00	234.50	1.4570				

Hole Number: TL0827-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368159	234.50	236.00	0.1520				
1368161	236.00	237.50	0.1310				
1368162	237.50	239.00	0.0910				
1368163	239.00	240.50	0.2190				
1368164	240.50	242.00	0.1960				
1368165	242.00	243.50	0.1710				
1368167	243.50	244.50	0.2670				
1368168	244.50	246.00	0.0860				
Sample Type	CDUP						
1368126	193.00	194.00	0.1480				
1368146	216.50	218.00	0.0250				
1368166	242.00	243.50	0.2250				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL0827-13RE	181.7	183.0	1368113	2.00	3.56	76.00	293.00	2.00	16.00	0.57	2.00	11.00	114.00	79.00	2.85	0.11	8.00	0.82	338.00
TL0827-13RE	183.0	184.0	1368114	0.50	6.63	35.00	502.00	3.00	34.00	1.90	2.00	10.00	128.00	25.00	2.62	0.12	17.00	1.44	709.00
TL0827-13RE	184.0	185.0	1368115	0.50	5.47	20.00	424.00	1.00	53.00	1.61	2.00	8.00	70.00	10.00	1.90	0.06	13.00	1.27	544.00
TL0827-13RE	185.0	186.0	1368116	0.50	5.56	37.00	471.00	2.00	2.00	1.71	2.00	7.00	74.00	11.00	2.01	0.07	15.00	1.23	625.00
TL0827-13RE	186.0	187.0	1368117	0.50	5.04	42.00	404.00	1.00	20.00	1.03	2.00	7.00	58.00	11.00	1.83	0.23	12.00	0.87	471.00
TL0827-13RE	187.0	188.0	1368118	0.50	5.12	32.00	438.00	2.00	29.00	1.81	2.00	6.00	73.00	13.00	1.86	0.14	12.00	1.27	844.00
TL0827-13RE	188.0	189.0	1368119	0.50	5.40	38.00	387.00	2.00	6.00	1.56	2.00	7.00	78.00	23.00	1.96	0.06	13.00	1.16	722.00
TL0827-13RE	189.0	190.0	1368121	0.50	5.53	34.00	431.00	2.00	12.00	1.62	2.00	7.00	50.00	28.00	1.89	0.08	14.00	1.20	655.00
TL0827-13RE	190.0	191.0	1368122	0.50	5.62	38.00	458.00	2.00	30.00	1.42	2.00	7.00	76.00	19.00	1.72	0.08	13.00	1.00	533.00
TL0827-13RE	191.0	192.0	1368123	0.50	5.71	70.00	440.00	2.00	0.50	2.23	2.00	7.00	66.00	79.00	1.92	0.16	12.00	1.31	554.00
TL0827-13RE	192.0	193.0	1368124	2.00	4.32	22.00	346.00	2.00	0.50	1.12	2.00	5.00	36.00	91.00	1.95	0.09	10.00	0.93	445.00
TL0827-13RE	193.0	194.0	1368125	0.50	4.24	41.00	416.00	1.00	16.00	0.42	2.00	6.00	58.00	38.00	1.75	0.07	8.00	0.59	265.00
TL0827-13RE	193.0	194.0	1368126	1.00	4.81	50.00	435.00	2.00	16.00	0.48	2.00	7.00	32.00	25.00	1.71	1.07	10.00	0.64	270.00
TL0827-13RE	194.0	195.5	1368127	0.50	4.78	40.00	440.00	2.00	5.00	0.96	2.00	6.00	27.00	47.00	1.61	0.63	11.00	0.82	443.00
TL0827-13RE	195.5	196.4	1368128	0.50	4.82	34.00	435.00	2.00	37.00	2.03	2.00	5.00	38.00	31.00	1.75	0.38	12.00	1.35	648.00
TL0827-13RE	196.4	197.0	1368129	1.00	3.51	38.00	264.00	1.00	19.00	1.47	11.00	6.00	31.00	28.00	1.64	0.01	8.00	1.03	496.00
TL0827-13RE	197.0	198.5	1368131	0.50	5.15	36.00	436.00	2.00	27.00	2.13	2.00	7.00	38.00	9.00	1.92	0.28	11.00	1.42	594.00
TL0827-13RE	198.5	200.0	1368132	0.50	5.83	21.00	386.00	2.00	16.00	2.87	2.00	7.00	41.00	7.00	1.97	0.20	13.00	1.64	766.00
TL0827-13RE	200.0	201.5	1368133	0.50	5.13	24.00	362.00	2.00	5.00	2.43	2.00	6.00	39.00	7.00	1.89	0.08	12.00	1.53	853.00
TL0827-13RE	201.5	203.0	1368134	0.50	4.54	24.00	305.00	2.00	64.00	1.83	2.00	10.00	61.00	12.00	2.61	0.03	17.00	2.28	873.00
TL0827-13RE	203.0	204.5	1368135	0.50	5.27	35.00	331.00	1.00	33.00	2.42	2.00	14.00	88.00	26.00	3.12	0.01	14.00	2.18	952.00
TL0827-13RE	204.5	206.0	1368136	0.50	4.52	16.00	240.00	2.00	34.00	1.73	2.00	15.00	99.00	28.00	3.06	0.01	14.00	1.94	680.00
TL0827-13RE	206.0	207.5	1368137	0.50	4.17	28.00	287.00	3.00	21.00	1.22	2.00	18.00	140.00	32.00	3.55	0.01	14.00	1.55	566.00
TL0827-13RE	207.5	209.0	1368138	0.50	5.08	47.00	373.00	3.00	15.00	1.80	2.00	23.00	160.00	51.00	4.23	0.20	14.00	1.51	737.00
TL0827-13RE	209.0	210.5	1368139	0.50	5.17	32.00	346.00	1.00	24.00	2.47	2.00	19.00	151.00	51.00	3.41	0.14	12.00	1.48	684.00
TL0827-13RE	210.5	212.0	1368141	0.50	3.80	35.00	211.00	1.00	30.00	2.23	2.00	18.00	132.00	43.00	3.30	0.08	8.00	1.52	618.00
TL0827-13RE	212.0	213.5	1368142	0.50	4.37	3.00	231.00	2.00	0.50	1.58	2.00	19.00	136.00	43.00	3.62	0.10	17.00	1.70	679.00
TL0827-13RE	213.5	215.0	1368143	0.50	3.82	4.00	254.00	1.00	10.00	1.51	2.00	17.00	122.00	38.00	3.47	0.08	12.00	1.32	600.00
TL0827-13RE	215.0	216.5	1368144	0.50	4.75	2.00	556.00	1.00	0.50	2.35	2.00	7.00	42.00	48.00	1.98	0.01	10.00	1.32	562.00
TL0827-13RE	216.5	218.0	1368145	0.50	4.69	6.00	469.00	2.00	0.50	2.11	2.00	7.00	37.00	30.00	2.02	0.01	11.00	1.31	669.00
TL0827-13RE	216.5	218.0	1368146	0.50	4.83	2.00	497.00	2.00	22.00	2.11	2.00	6.00	37.00	29.00	1.90	0.01	11.00	1.31	669.00
TL0827-13RE	218.0	219.5	1368147	0.50	3.57	15.00	358.00	1.00	9.00	1.07	2.00	6.00	32.00	14.00	1.61	0.05	9.00	0.82	395.00
TL0827-13RE	219.5	221.0	1368148	0.50	3.31	14.00	374.00	1.00	19.00	0.75	2.00	6.00	29.00	28.00	1.42	0.10	7.00	0.62	278.00
TL0827-13RE	221.0	222.5	1368149	0.50	4.71	13.00	446.00	2.00	20.00	1.74	2.00	7.00	31.00	6.00	1.73	0.08	13.00	1.07	381.00
TL0827-13RE	222.5	224.0	1368151	0.50	4.73	22.00	443.00	2.00	11.00	2.03	2.00	7.00	34.00	3.00	1.81	0.13	13.00	1.14	396.00
TL0827-13RE	224.0	225.5	1368152	0.50	5.06	34.00	457.00	1.00	43.00	1.62	2.00	8.00	28.00	14.00	1.88	0.14	14.00	1.03	432.00
TL0827-13RE	225.5	227.0	1368153	0.50	4.30	24.00	466.00	2.00	25.00	1.70	2.00	8.00	31.00	14.00	1.69	0.04	11.00	0.98	373.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL0827-13R	181.7	183.0	1368113	10.00	121.00	458.00	240.00	2.45	6.00	2.50	5.00	59.00	1362.00	1.00	46.00	22.00	8.00	545.00
TL0827-13R	183.0	184.0	1368114	15.00	174.00	520.00	77.00	1.28	5.00	6.00	5.00	95.00	1825.00	1.00	51.00	5.00	9.00	119.00
TL0827-13R	184.0	185.0	1368115	7.00	106.00	513.00	50.00	0.83	9.00	2.50	5.00	86.00	1701.00	1.00	34.00	14.00	6.00	140.00
TL0827-13R	185.0	186.0	1368116	10.00	111.00	493.00	133.00	1.30	5.00	2.50	5.00	96.00	1632.00	1.00	35.00	15.00	7.00	320.00
TL0827-13R	186.0	187.0	1368117	8.00	90.00	502.00	26.00	1.32	2.50	2.50	5.00	67.00	1707.00	1.00	34.00	10.00	6.00	62.00
TL0827-13R	187.0	188.0	1368118	11.00	120.00	479.00	37.00	1.11	6.00	2.50	5.00	80.00	1522.00	1.00	32.00	10.00	6.00	58.00
TL0827-13R	188.0	189.0	1368119	11.00	123.00	479.00	42.00	1.20	8.00	2.50	5.00	74.00	1503.00	1.00	32.00	5.00	7.00	131.00
TL0827-13R	189.0	190.0	1368121	5.00	67.00	467.00	39.00	1.36	8.00	8.00	5.00	80.00	1490.00	1.00	33.00	5.00	7.00	81.00
TL0827-13R	190.0	191.0	1368122	11.00	113.00	460.00	51.00	1.12	6.00	2.50	5.00	77.00	1567.00	1.00	34.00	13.00	7.00	89.00
TL0827-13R	191.0	192.0	1368123	10.00	96.00	543.00	65.00	0.84	7.00	2.50	5.00	90.00	1510.00	1.00	32.00	17.00	7.00	315.00
TL0827-13R	192.0	193.0	1368124	1.00	48.00	423.00	356.00	1.39	8.00	2.50	5.00	65.00	1468.00	1.00	29.00	20.00	6.00	674.00
TL0827-13R	193.0	194.0	1368125	8.00	90.00	432.00	93.00	1.39	5.00	2.50	5.00	51.00	1557.00	1.00	31.00	14.00	6.00	327.00
TL0827-13R	193.0	194.0	1368126	4.00	47.00	454.00	79.00	1.47	8.00	2.50	5.00	55.00	1652.00	1.00	42.00	16.00	6.00	180.00
TL0827-13R	194.0	195.5	1368127	2.00	33.00	433.00	68.00	1.42	6.00	2.50	5.00	63.00	1657.00	1.00	39.00	29.00	6.00	919.00
TL0827-13R	195.5	196.4	1368128	4.00	47.00	444.00	58.00	1.06	10.00	2.50	5.00	86.00	1364.00	1.00	41.00	5.00	6.00	93.00
TL0827-13R	196.4	197.0	1368129	0.50	41.00	427.00	193.00	1.40	8.00	2.50	5.00	64.00	1221.00	1.00	32.00	80.00	5.00	4068.00
TL0827-13R	197.0	198.5	1368131	4.00	49.00	478.00	44.00	1.17	2.50	2.50	5.00	91.00	1438.00	1.00	41.00	5.00	6.00	110.00
TL0827-13R	198.5	200.0	1368132	5.00	50.00	498.00	34.00	1.05	9.00	2.50	5.00	106.00	1481.00	1.00	43.00	16.00	7.00	65.00
TL0827-13R	200.0	201.5	1368133	4.00	52.00	476.00	23.00	1.16	9.00	2.50	5.00	88.00	1420.00	1.00	41.00	25.00	7.00	39.00
TL0827-13R	201.5	203.0	1368134	0.50	52.00	471.00	18.00	1.31	6.00	2.50	5.00	82.00	1693.00	1.00	51.00	5.00	7.00	138.00
TL0827-13R	203.0	204.5	1368135	3.00	64.00	497.00	41.00	1.51	10.00	2.50	5.00	122.00	1903.00	1.00	61.00	5.00	10.00	110.00
TL0827-13R	204.5	206.0	1368136	2.00	64.00	485.00	28.00	1.44	7.00	2.50	5.00	108.00	1825.00	1.00	60.00	5.00	11.00	95.00
TL0827-13R	206.0	207.5	1368137	5.00	97.00	499.00	32.00	1.71	9.00	2.50	5.00	85.00	2073.00	1.00	76.00	5.00	13.00	68.00
TL0827-13R	207.5	209.0	1368138	4.00	103.00	602.00	41.00	2.02	2.50	2.50	5.00	105.00	2705.00	1.00	85.00	5.00	16.00	82.00
TL0827-13R	209.0	210.5	1368139	3.00	92.00	554.00	25.00	1.76	8.00	2.50	5.00	115.00	2121.00	1.00	82.00	5.00	16.00	219.00
TL0827-13R	210.5	212.0	1368141	4.00	83.00	511.00	34.00	1.86	9.00	2.50	5.00	108.00	1871.00	1.00	75.00	5.00	12.00	82.00
TL0827-13R	212.0	213.5	1368142	3.00	87.00	523.00	31.00	1.01	11.00	2.50	5.00	101.00	2226.00	1.00	77.00	5.00	13.00	79.00
TL0827-13R	213.5	215.0	1368143	3.00	77.00	612.00	41.00	1.56	9.00	2.50	5.00	104.00	2009.00	1.00	68.00	5.00	13.00	168.00
TL0827-13R	215.0	216.5	1368144	1.00	42.00	484.00	30.00	0.76	8.00	2.50	5.00	123.00	1383.00	1.00	41.00	5.00	7.00	68.00
TL0827-13R	216.5	218.0	1368145	2.00	43.00	485.00	69.00	1.16	6.00	2.50	5.00	109.00	1470.00	1.00	40.00	22.00	6.00	531.00
TL0827-13R	216.5	218.0	1368146	3.00	36.00	472.00	80.00	1.09	9.00	2.50	5.00	112.00	1478.00	1.00	37.00	15.00	6.00	248.00
TL0827-13R	218.0	219.5	1368147	2.00	44.00	451.00	70.00	1.15	6.00	2.50	5.00	75.00	1425.00	1.00	36.00	15.00	5.00	315.00
TL0827-13R	219.5	221.0	1368148	2.00	37.00	445.00	213.00	1.02	6.00	2.50	5.00	67.00	1397.00	1.00	33.00	5.00	5.00	227.00
TL0827-13R	221.0	222.5	1368149	4.00	41.00	474.00	23.00	1.08	9.00	2.50	5.00	114.00	1447.00	1.00	37.00	5.00	6.00	52.00
TL0827-13R	222.5	224.0	1368151	3.00	43.00	508.00	28.00	1.14	15.00	6.00	5.00	130.00	1458.00	1.00	36.00	5.00	6.00	44.00
TL0827-13R	224.0	225.5	1368152	2.00	33.00	482.00	34.00	1.47	11.00	2.50	5.00	110.00	1508.00	1.00	34.00	5.00	6.00	114.00
TL0827-13R	225.5	227.0	1368153	0.50	38.00	470.00	27.00	1.07	2.50	2.50	5.00	112.00	1405.00	1.00	34.00	5.00	6.00	83.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL0827-13RE	227.0	228.5	1368154	0.50	3.85	35.00	432.00	1.00	37.00	1.65	2.00	6.00	34.00	9.00	2.04	0.02	9.00	1.02	391.00
TL0827-13RE	228.5	230.0	1368155	0.50	4.39	25.00	402.00	2.00	20.00	1.75	2.00	7.00	28.00	4.00	2.02	0.01	12.00	1.13	383.00
TL0827-13RE	230.0	231.5	1368156	3.00	5.04	2.00	460.00	2.00	47.00	2.91	2.00	6.00	34.00	31.00	1.97	0.04	11.00	1.75	905.00
TL0827-13RE	231.5	233.0	1368157	2.00	6.08	1.00	438.00	2.00	13.00	2.18	4.00	8.00	36.00	80.00	2.10	0.04	17.00	1.26	655.00
TL0827-13RE	233.0	234.5	1368158	2.00	5.24	3.00	385.00	2.00	3.00	1.93	15.00	7.00	33.00	122.00	2.41	0.03	15.00	1.20	689.00
TL0827-13RE	234.5	236.0	1368159	0.50	5.44	9.00	453.00	2.00	13.00	2.34	2.00	6.00	33.00	26.00	2.11	0.10	15.00	1.33	728.00
TL0827-13RE	236.0	237.5	1368161	0.50	4.38	8.00	350.00	2.00	27.00	2.13	2.00	6.00	30.00	22.00	1.65	0.11	12.00	1.24	655.00
TL0827-13RE	237.5	239.0	1368162	0.50	5.09	3.00	354.00	2.00	0.50	2.03	2.00	13.00	89.00	55.00	2.81	0.10	17.00	1.26	630.00
TL0827-13RE	239.0	240.5	1368163	0.50	5.23	11.00	269.00	2.00	23.00	1.89	2.00	16.00	106.00	45.00	3.41	0.06	18.00	1.53	709.00
TL0827-13RE	240.5	242.0	1368164	0.50	4.26	23.00	366.00	1.00	39.00	2.43	2.00	9.00	36.00	106.00	2.58	0.07	9.00	1.64	921.00
TL0827-13RE	242.0	243.5	1368165	1.00	4.17	23.00	470.00	2.00	7.00	1.39	2.00	18.00	142.00	57.00	3.55	0.10	21.00	1.27	686.00
TL0827-13RE	242.0	243.5	1368166	1.00	4.77	25.00	522.00	1.00	0.50	1.46	2.00	18.00	129.00	57.00	3.20	0.11	21.00	1.16	609.00
TL0827-13RE	243.5	244.5	1368167	0.50	4.20	8.00	441.00	2.00	23.00	1.45	2.00	18.00	141.00	40.00	3.43	0.21	28.00	1.26	421.00
TL0827-13RE	244.5	246.0	1368168	0.50	3.85	17.00	400.00	1.00	38.00	1.70	2.00	18.00	151.00	44.00	3.62	0.57	23.00	1.24	605.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL0827-13RE	227.0	228.5	1368154	2.00	43.00	458.00	43.00	1.32	9.00	2.50	5.00	109.00	1344.00	1.00	35.00	12.00	5.00	426.00
TL0827-13RE	228.5	230.0	1368155	0.50	29.00	441.00	22.00	1.42	2.50	2.50	5.00	113.00	1449.00	1.00	34.00	5.00	5.00	44.00
TL0827-13RE	230.0	231.5	1368156	2.00	36.00	452.00	193.00	0.89	7.00	2.50	5.00	135.00	1402.00	3.00	39.00	25.00	6.00	213.00
TL0827-13RE	231.5	233.0	1368157	2.00	42.00	509.00	1105.00	1.08	8.00	2.50	5.00	123.00	1740.00	1.00	43.00	50.00	7.00	1759.00
TL0827-13RE	233.0	234.5	1368158	3.00	38.00	469.00	591.00	1.61	2.50	2.50	5.00	107.00	1581.00	1.00	40.00	96.00	7.00	4880.00
TL0827-13RE	234.5	236.0	1368159	2.00	37.00	480.00	98.00	1.01	8.00	2.50	5.00	119.00	1459.00	1.00	37.00	18.00	6.00	403.00
TL0827-13RE	236.0	237.5	1368161	1.00	37.00	422.00	39.00	0.84	7.00	2.50	5.00	99.00	1264.00	1.00	34.00	5.00	6.00	60.00
TL0827-13RE	237.5	239.0	1368162	2.00	63.00	486.00	127.00	0.86	6.00	6.00	5.00	109.00	1992.00	2.00	61.00	10.00	10.00	326.00
TL0827-13RE	239.0	240.5	1368163	1.00	59.00	480.00	39.00	1.36	8.00	2.50	5.00	130.00	2073.00	1.00	69.00	5.00	13.00	312.00
TL0827-13RE	240.5	242.0	1368164	4.00	44.00	432.00	101.00	1.58	6.00	2.50	5.00	152.00	1444.00	1.00	39.00	10.00	7.00	422.00
TL0827-13RE	242.0	243.5	1368165	7.00	88.00	542.00	96.00	1.47	5.00	2.50	5.00	100.00	2067.00	1.00	80.00	11.00	9.00	328.00
TL0827-13RE	242.0	243.5	1368166	6.00	73.00	524.00	96.00	1.40	5.00	5.00	5.00	110.00	2105.00	1.00	76.00	13.00	9.00	322.00
TL0827-13RE	243.5	244.5	1368167	3.00	85.00	509.00	33.00	0.59	5.00	2.50	5.00	101.00	2227.00	1.00	86.00	5.00	7.00	52.00
TL0827-13RE	244.5	246.0	1368168	4.00	88.00	488.00	38.00	1.12	10.00	2.50	5.00	114.00	2186.00	1.00	88.00	5.00	8.00	139.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL0827-13RE	12.0	14.0	2.0	PY	ST	3	
TL0827-13RE	12.0	14.0	2.0	PY	DISS	5	1-10%
TL0827-13RE	14.0	18.1	4.1	PY	DISS	3	
TL0827-13RE	16.0	16.5	0.5	PY	DISS	3	Very light grey section with disseminated Py; cubic Gal; clasts of Cpy. Sulfides follow the foliation. It occurs within MSS.
TL0827-13RE	16.0	16.5	0.5	CP	DISS	1	clasts of cpy
TL0827-13RE	16.0	16.5	0.5	PB	DISS	1	cubic galena
TL0827-13RE	18.1	21.6	3.5	PY	DISS	0.5	less than 1%
TL0827-13RE	21.6	35.3	13.8	PY	BDS	10	1-15%; patches of Bleb-disseminated Py within the foliation planes
TL0827-13RE	35.3	47.0	11.7	PY	BDS	3	1-5%
TL0827-13RE	35.3	47.0	11.7	PY	ST	3	1-5%
TL0827-13RE	47.0	60.0	27.0	PY	ST	2	1-3%
TL0827-13RE	47.0	60.0	27.0	PY	BDS	10	1-25%; patches of bleb-disseminated Py in the foliation planes
TL0827-13RE	60.0	74.0	27.0	PY	BDS	10	1-25%; patches of bleb-disseminated Py in the foliation planes
TL0827-13RE	60.0	74.0	27.0	PY	ST	2	1-3%
TL0827-13RE	74.0	81.0	7.0	PY	DISS	1	
TL0827-13RE	78.0	81.0	3.0	SPH	ST	0.5	less than 1%
TL0827-13RE	81.0	87.5	6.6	PY	ST	2	1-2%
TL0827-13RE	87.5	88.0	0.5	SPH	ST	1	
TL0827-13RE	87.5	88.0	0.5	PB	DISS	0.1	trace
TL0827-13RE	87.5	88.0	0.5	PY	DISS	3	(Au 3.66 PPM) 1-5% pyrite. Light grey-greenish; strongly altered MSS with a Qtz lense. Mineralization - stringers and disseminated Py and Sph in the foliation planes and before the Qtz lense. Rare disseminated Cpy and Gal. Visible increase of the Ser. Mineralized section is lighter then the intervals before and after.
TL0827-13RE	87.5	91.0	3.5	CP	DISS	0.1	trace
TL0827-13RE	88.0	91.0	3.0	PY	DISS	1	1-2%
TL0827-13RE	88.0	91.0	3.0	SPH	ST	0.5	less than 1%
TL0827-13RE	91.0	101.0	10.0	PY	BDS	15	1-25% patches of Py blebs within the foliation planes
TL0827-13RE	95.0	96.0	1.0	CP	DISS	0.1	trace
TL0827-13RE	95.0	96.0	1.0	PB	DISS	0.1	trace
TL0827-13RE	95.0	96.0	1.0	SPH	DISS	0.1	in foliation planes
TL0827-13RE	95.0	96.0	1.0	PY	BDS	0.1	(Au 5.83 PPM) Qtz ribbon; almost parallel to the foliation in strongly altered MSS. Mineralization - disseminated Py and Sph in the foliation planes; rare disseminated Cpy and Gal. Visible increase of the Ser. Mineralized section is lighter then the intervals before and after. No VG.
TL0827-13RE	101.0	107.8	6.8	PY	DISS	1	
TL0827-13RE	107.8	117.0	9.2	PY	ST	3	
TL0827-13RE	107.8	117.0	9.2	PY	BDS	5	1-5%

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL0827-13RE	114.0	117.0	3.0	CP	BDS	1	
TL0827-13RE	117.0	124.0	7.0	PY	DISS	0.5	less than 1%
TL0827-13RE	117.5	118.0	0.5	PB	DISS	0.1	
TL0827-13RE	117.5	118.0	0.5	PY	DISS	0.1	(Au 0.17 PPM & Ag 36.19 PPM) Soft and broken strongly sericitized section of MSS. Disseminated finegrained Py and Gal. Colour is very light beige-grey; core prior to and after section is the same.
TL0827-13RE	121.0	122.0	1.0	PB	DISS	0.1	
TL0827-13RE	121.0	122.0	1.0	PY	DISS	0.1	(Au 0.17 PPM & Ag 58.22 PPM) Soft and broken strongly sericitized section of MSS. Disseminated fine grained Py and Gal. The rock is very light silky grey-green; core prior to and after section is the same.
TL0827-13RE	122.0	122.6	0.6	PB	DISS	0.1	(Au 0.01 PPM & Ag 68.75 PPM) Soft and broken strongly sericitized section of MSS with a Qtz vein. Disseminated finegrained Py and Gal in the fol planes. Very rare cubic Py in the Qtz vein. Colour is very light grey-green; core prior to and after section is the same.
TL0827-13RE	122.0	122.6	0.6	PB	DISS	0.1	
TL0827-13RE	123.6	124.0	0.4	PB	DISS	0.1	
TL0827-13RE	123.6	124.0	0.4	PY	DISS	0.1	(Au 0.02 PPM & Ag 42.19 PPM) Strongly altered MSS. Disseminated finegrained Py and Gal. Colour is very light grey-green; core prior to and after section is the same.
TL0827-13RE	124.0	125.2	1.2	AU	DISS	0.1	possilble trace VG
TL0827-13RE	124.0	125.2	1.2	CP	BDS	1	
TL0827-13RE	124.0	126.7	2.7	PY	ST	1	
TL0827-13RE	124.0	126.7	2.7	PY	BDS	2	1-2%
TL0827-13RE	124.5	125.0	0.5	PY	DISS	0.1	(Au 0.13 PPM & Ag 64.67 PPM) Soft and broken strongly sericitized section of MSS with a Qtz vein crosscutting the fol. Turmaline and rare Py and Cpy in the Qtz vein. Disseminated finegrained Py and Gal. Colour is very light grey-beige; core prior to and after section is the same.
TL0827-13RE	124.5	125.0	0.5	PB	DISS	0.1	Disseminated finegrained Gal
TL0827-13RE	124.5	125.0	0.5	CP	DISS	0.1	rare cpy in qtz vein
TL0827-13RE	125.0	125.5	0.5	PY	DISS	0.1	(Au 0.04 PPM & Ag 129.83 PPM) Soft altered section of MSS. Disseminated finegrained Py and Gal. Colour is very light beige-grey-green; core prior to and after section is enriched with Chl.
TL0827-13RE	125.0	125.5	0.5	PB	DISS	0.1	
TL0827-13RE	126.7	137.0	10.3	PY	DISS	1	less than 1-1%
TL0827-13RE	137.0	155.0	18.0	PY	ST	2	1-3%
TL0827-13RE	137.0	156.0	19.0	PY	BDS	5	1-15% Py in foliation planes
TL0827-13RE	137.0	174.0	37.0	CP	DISS	0.1	trace
TL0827-13RE	150.0	180.0	30.0	SPH	ST	1	less than 1-1%
TL0827-13RE	156.0	162.0	6.0	PY	DISS	0.5	less than 1-1%

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL0827-13RE	162.0	174.0	12.0	PY	ST	2	1-3%
TL0827-13RE	162.0	174.0	12.0	PY	DISS	3	1-5%
TL0827-13RE	174.0	180.0	6.0	PY	DISS	0.5	less than 1-1%
TL0827-13RE	181.7	195.5	13.8	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL0827-13RE	181.7	195.5	13.8	CP	BLB	0.1	Trace cpy blebs found associated w/ po stringers
TL0827-13RE	181.7	195.5	13.8	PO	ST	0.1	Trace po in 1-6mm wide stringers oriented semi-parallel to foliation
TL0827-13RE	181.7	195.5	13.8	PY	DISS	2	2% disseminated py throughout the interval
TL0827-13RE	181.7	195.5	13.8	PY	ST	0.1	Trace py in 1-4mm wide stringers oriented semi-parallel to foliation
TL0827-13RE	195.5	246.0	50.5	PY	DISS	1	1% disseminated py throughout the interval
TL0827-13RE	195.5	246.0	50.5	PY	ST	2	2% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL0827-13RE	195.5	246.0	50.5	PO	ST	2	2% po in 1-6mm wide stringers orientesd semi-parallel to foliation
TL0827-13RE	195.5	246.0	50.5	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL0827-13RE	195.5	246.0	50.5	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL0827-13RE	195.5	246.0	50.5	CP	BLB	0.1	Trace cpy blebs found w/ po in stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL0827-13RE	12.0	18.1	6.1	FOL		50	50-55
TL0827-13RE	18.1	21.6	3.5	FOL		55	
TL0827-13RE	21.6	35.3	13.8	FOL		55	
TL0827-13RE	35.3	47.0	11.7	FOL		60	
TL0827-13RE	45.3	47.0	1.7	FTZ			
TL0827-13RE	47.0	60.0	27.0	FOL		58	
TL0827-13RE	60.0	74.0	27.0	FOL		58	
TL0827-13RE	74.0	81.0	7.0	FOL		58	
TL0827-13RE	81.0	91.0	10.1	FOL		56	
TL0827-13RE	91.0	101.0	10.0	FOL		55	
TL0827-13RE	101.0	117.0	16.0	FOL		55	
TL0827-13RE	118.5	119.0	0.5	FOL		65	
TL0827-13RE	118.5	119.0	0.5	FTZ			
TL0827-13RE	126.7	180.0	53.3	FOL		65	
TL0827-13RE	181.7	195.5	13.8	FOL	Very Strong	65	V. strong foliation at 65 deg TCA
TL0827-13RE	181.7	195.5	13.8	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA infilled w/ qtz
TL0827-13RE	195.5	218.0	22.5	FOL	Strong	65	Strong foliation at 65 deg TCA
TL0827-13RE	195.5	246.0	50.5	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL0827-13RE	195.5	246.0	50.5	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL0827-13RE	218.0	233.5	15.5	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL0827-13RE	233.5	246.0	12.5	FOL	Weak	65	Weak foliation at 65 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL0827-13RE	12.0	18.1	6.1	SR	Pervasive	Moderate	25-50%
TL0827-13RE	12.0	18.1	6.1	BT	Patchy	Weak	
TL0827-13RE	12.0	18.1	6.1	SI	Patchy	Weak	1-3 cm in width Qtz intervals
TL0827-13RE	15.0	18.1	3.1	CH	Pervasive	Weak	
TL0827-13RE	19.0	21.6	2.6	BT	Patchy	Weak	
TL0827-13RE	19.8	19.8	0.1	SI	Patchy	Moderate	
TL0827-13RE	20.0	21.6	1.6	Potassic	Patchy	Weak	
TL0827-13RE	20.0	21.6	1.6	SR	Pervasive	Very Strong	80-95%
TL0827-13RE	21.6	30.2	8.7	SR	Pervasive	Very Weak	5-20%
TL0827-13RE	21.6	35.3	13.8	SI	Patchy	Weak	Qtz intervals from 1-7cm in width with chlorite alteration and Py around and within the intervals
TL0827-13RE	21.6	35.3	13.8	CH	Patchy	Moderate	
TL0827-13RE	21.6	35.3	13.8	BT	Patchy	Weak	
TL0827-13RE	30.2	31.3	1.1	SR	Pervasive	Very Strong	85-95%
TL0827-13RE	35.3	47.0	11.7	SR	Pervasive	Strong	70-90%
TL0827-13RE	35.3	47.0	11.7	CH	Pervasive	Moderate	
TL0827-13RE	35.3	47.0	11.7	SI	Patchy	Weak	
TL0827-13RE	45.0	47.0	2.0	BT	Patchy	Weak	
TL0827-13RE	45.0	47.0	2.0	E	Pervasive	Weak	
TL0827-13RE	45.0	47.0	2.0	Potassic	Patchy	Weak	
TL0827-13RE	47.0	60.0	13.0	SR	Pervasive	Very Weak	10-25%
TL0827-13RE	60.0	63.0	3.0	SR	Pervasive	Very Strong	80-95%
TL0827-13RE	63.0	74.0	11.0	SR	Pervasive	Weak	10-50%
TL0827-13RE	74.0	81.0	7.0	SR	Pervasive	Very Strong	70-85%
TL0827-13RE	74.0	81.0	7.0	SI	Patchy	Moderate	
TL0827-13RE	76.0	81.0	5.0	CH	Patchy	Weak	
TL0827-13RE	78.0	81.0	3.0	Potassic	Patchy	Weak	
TL0827-13RE	81.0	91.0	10.1	CH	Patchy	Weak	
TL0827-13RE	81.0	91.0	10.1	SR	Pervasive	Weak	10-50%
TL0827-13RE	91.0	94.0	3.0	BT	Patchy	Weak	
TL0827-13RE	91.0	94.0	3.0	SI	Patchy	Moderate	Qtz intervals ranging from 1-8 cm in width with some potassic alteration around the intervals
TL0827-13RE	91.0	94.0	3.0	CH	Patchy	Weak	
TL0827-13RE	91.0	94.0	3.0	SR	Pervasive	Strong	50-70%
TL0827-13RE	101.0	117.0	16.0	BT	Patchy	Weak	
TL0827-13RE	101.0	117.0	16.0	SI	Patchy	Moderate	Qtz intervals from 1-8 cm in width with some Py blebs within
TL0827-13RE	101.0	117.0	16.0	SR	Pervasive	Moderate	20-60%
TL0827-13RE	117.0	126.7	9.7	SR	Pervasive	Very Strong	80-95%

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL0827-13RE	117.0	126.7	9.7	SI	Patchy	Moderate	some milky Qtz intervals with Py; tourmaline and chlorite around the edges
TL0827-13RE	117.0	126.7	9.7	CH	Patchy	Weak	
TL0827-13RE	126.7	148.0	21.3	SR	Pervasive	Weak	20-40%
TL0827-13RE	126.7	180.0	53.3	SI	Patchy	Weak	Qtz intervals 1-10 cm in width with tourmaline and chlorite surrounding the intervals
TL0827-13RE	137.0	180.0	43.0	CH	Patchy	Weak	
TL0827-13RE	147.5	150.0	2.5	SR	Pervasive	Moderate	30-70%
TL0827-13RE	148.0	150.0	2.0	SR	Pervasive	Strong	
TL0827-13RE	148.0	180.0	32.0	BT	Patchy	Moderate	
TL0827-13RE	150.0	162.4	12.4	SR	Pervasive	Very Weak	5-15%
TL0827-13RE	152.1	152.5	0.5	SI	Patchy	Moderate	Qtz interval with tourmaline; and Py blebs within and chlorite and epidote alteration surrounding
TL0827-13RE	157.5	158.3	0.8	SI	Patchy	Moderate	milky Qtz interval with chlorite alteration and a small amount of tourmaline within the interval
TL0827-13RE	162.4	164.5	2.1	SR	Pervasive	Very Strong	80-90%
TL0827-13RE	164.5	175.0	10.5	SR	Pervasive	Very Weak	5-15%
TL0827-13RE	174.1	174.2	0.1	CH	Pervasive	Moderate	within highly deformed area with Sph within and surrounding
TL0827-13RE	174.1	174.2	0.1	E	Pervasive	Moderate	within highly deformed area with Sph within and surrounding
TL0827-13RE	175.0	180.0	5.0	SR	Pervasive	Moderate	20-60%
TL0827-13RE	181.7	195.5	13.8	SR	Patchy	Moderate	Moderate patchy ser alt, 60% ser to 40% bio
TL0827-13RE	181.7	195.5	13.8	SI	Patchy	Moderate	Moderate patchy silicification
TL0827-13RE	195.5	218.0	22.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 5-10% ser to 90-95% bio
TL0827-13RE	195.5	246.0	50.5	SI	Patchy	Very Strong	V. strong patchy silicification
TL0827-13RE	218.0	221.2	3.2	SR	Patchy	Moderate	Moderate patchy ser alt, 55% ser to 45% bio
TL0827-13RE	221.2	246.0	24.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL0827-13RE	11	14	3	3	2.13	100	71	21	
TL0827-13RE	14	17	3	3	2.67	100	89	11	
TL0827-13RE	17	20	3	3	2.52	100	84	17	
TL0827-13RE	20	23	3	3	2.31	100	77	26	
TL0827-13RE	23	26	3	3	2.49	100	83	16	
TL0827-13RE	26	29	3	3	2.67	100	89	16	
TL0827-13RE	29	32	3	3	2.1	100	70	28	
TL0827-13RE	32	35	3	3	1.98	100	66	27	
TL0827-13RE	35	38	3	3	2.73	100	91	17	
TL0827-13RE	38	41	3	3	2.61	100	87	25	
TL0827-13RE	41	44	3	3	2.52	100	84	25	
TL0827-13RE	44	47	3	3	1.41	100	47	65	
TL0827-13RE	47	50	3	3	2.58	100	86	11	
TL0827-13RE	50	53	3	3	2.49	100	83	20	
TL0827-13RE	53	56	3	3	2.79	100	93	13	
TL0827-13RE	56	59	3	3	2.7	100	90	13	
TL0827-13RE	59	62	3	3	1.77	100	59	38	
TL0827-13RE	62	65	3	3	2.73	100	91	11	
TL0827-13RE	65	68	3	3	2.88	100	96	8	
TL0827-13RE	68	71	3	3	2.34	100	78	24	
TL0827-13RE	71	74	3	3	2.79	100	93	9	
TL0827-13RE	74	77	3	3	2.43	100	81	13	
TL0827-13RE	77	80	3	3	1.71	100	57	39	
TL0827-13RE	80	83	3	3	2.85	100	95	9	
TL0827-13RE	83	86	3	3	2.52	100	84	13	
TL0827-13RE	86	89	3	3	2.82	100	94	13	
TL0827-13RE	89	92	3	3	2.67	100	89	19	
TL0827-13RE	92	95	3	3	2.19	100	73	25	
TL0827-13RE	95	98	3	3	2.28	100	76	15	
TL0827-13RE	98	101	3	3	2.94	100	98	12	
TL0827-13RE	101	104	3	3	2.91	100	97	8	
TL0827-13RE	104	107	3	3	2.94	100	98	11	
TL0827-13RE	107	110	3	3	2.79	100	93	10	
TL0827-13RE	110	113	3	3	2.85	100	95	11	
TL0827-13RE	113	116	3	3	2.88	100	96	11	
TL0827-13RE	116	119	3	3	1.71	100	57	47	
TL0827-13RE	119	122	3	3	1.05	100	35	49	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL0827-13RE	122	125	3	3	1.65	100	55	50	
TL0827-13RE	125	128	3	3	2.91	100	97	12	
TL0827-13RE	128	131	3	3	2.76	100	92	20	
TL0827-13RE	131	134	3	3	2.85	100	95	8	
TL0827-13RE	134	137	3	3	2.97	100	99	9	
TL0827-13RE	137	140	3	3	2.91	100	97	15	
TL0827-13RE	140	143	3	3	2.43	100	81	24	
TL0827-13RE	143	146	3	3	2.49	100	83	10	
TL0827-13RE	146	149	3	3	2.79	100	93	7	
TL0827-13RE	149	151	2	2	1.18	100	59	6	
TL0827-13RE	151	154	3	3	3	100	100	6	
TL0827-13RE	154	157	3	3	2.73	100	91	12	
TL0827-13RE	157	160	3	3	2.79	100	93	12	
TL0827-13RE	160	163	3	3	2.61	100	87	14	
TL0827-13RE	163	166	3	3	2.58	100	86	8	
TL0827-13RE	166	169	3	3	2.94	100	98	11	
TL0827-13RE	169	172	3	3	3	100	100	10	
TL0827-13RE	172	175	3	3	2.28	100	76	17	
TL0827-13RE	175	178	3	3	1.11	100	37	60	
TL0827-13RE	178	180	2	2	1.96	100	98	11	
TL0827-13RE	183	186	3	2.88	2.6	96	86.67	10	
TL0827-13RE	186	189	3	3.09	2.86	103	95.33	7	
TL0827-13RE	189	192	3	2.98	2.98	99.33	99.33	7	
TL0827-13RE	192	195	3	3.04	2.37	101.33	79	15	
TL0827-13RE	195	198	3	2.9	2.73	96.67	91	9	
TL0827-13RE	198	201	3	3.03	2.87	101	95.67	8	
TL0827-13RE	201	204	3	3.01	3.01	100.33	100.33	7	
TL0827-13RE	204	207	3	2.98	2.84	99.33	94.67	12	
TL0827-13RE	207	210	3	2.99	2.99	99.67	99.67	6	
TL0827-13RE	210	213	3	3	2.76	100	92	8	
TL0827-13RE	213	216	3	2.99	2.75	99.67	91.67	10	
TL0827-13RE	216	219	3	3.03	2.89	101	96.33	7	
TL0827-13RE	219	222	3	2.93	2.62	97.67	87.33	9	
TL0827-13RE	222	225	3	2.97	2.87	99	95.67	9	
TL0827-13RE	225	228	3	3.04	2.94	101.33	98	6	
TL0827-13RE	228	231	3	2.95	2.66	98.33	88.67	6	
TL0827-13RE	231	234	3	3.01	2.75	100.33	91.67	7	
TL0827-13RE	234	237	3	3.03	2.85	101	95	7	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL0827-13RE	237	240	3	2.89	2.54	96.33	84.67	9	
TL0827-13RE	240	243	3	3.06	2.68	102	89.33	8	
TL0827-13RE	243	246	3	3.05	2.64	101.67	88	12	

Hole Number: TL10107-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
8.60	29.18	MSED, Metasediment METASEDIMENTS dark grey in colour, fine grained, equigranular, very wkly to wkly laminated, wkly chloritized, faint bluish-grey subangular qtz eyes (10%), moderately weathered, moderate recovery, no significant mineralization (diss tr pyrite fracture controlled), up to 7cm milky white to glassy qtz veins orienting roughly parallel to foliation, RQD 9.00 - 12.00 : 82.00 % RQD 99.00 % Core 12.00 - 15.00 : 75.00 % RQD 98.00 % Core 15.00 - 18.00 : 86.00 % RQD 100.00 % Core 18.00 - 21.00 : 94.00 % RQD 100.00 % Core 21.00 - 24.00 : 93.00 % RQD 98.00 % Core 24.00 - 27.00 : 92.00 % RQD 100.00 % Core 27.00 - 30.00 : 97.00 % RQD 98.00 % Core									
29.18	63.16	BMS, Biotite Muscovite Schist BIOTITE MUSCOVITE SCHIST gradational contact by appearance of strong foliation, dark grey w/ bleached sections, fine to med grained matrix, strongly banded with orientation of 60 deg TCA gradually becoming weaker progressively downhole, metasediment layer from 41.59-46.23m, milky white to white qtz injections running in irregular margins, large FZ infilled with clay and carbonates from 50.54-53.0m, tr pyrite, RQD 30.00 - 33.00 : 100.00 % RQD 100.00 % Core 33.00 - 36.00 : 90.00 % RQD 99.00 % Core 36.00 - 39.00 : 94.00 % RQD 100.00 % Core 39.00 - 42.00 : 96.00 % RQD 94.00 % Core 42.00 - 45.00 : 78.00 % RQD 99.00 % Core 45.00 - 48.00 : 90.00 % RQD 98.00 % Core 48.00 - 51.00 : 73.00 % RQD 98.00 % Core 51.00 - 54.00 : 48.00 % RQD 97.00 % Core 54.00 - 57.00 : 96.00 % RQD 100.00 % Core 57.00 - 60.00 : 97.00 % RQD 97.00 % Core 60.00 - 63.00 : 93.00 % RQD 100.00 % Core 63.00 - 66.00 : 95.00 % RQD 100.00 % Core	793046	58.50	60.00	1.50	0.05				
			793047	60.00	61.50	1.50	0.04				
			793048	61.50	63.16	1.66	0.03				

Hole Number: TL10107-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
63.16	77.43	MSS, Muscovite Sericite Schist MUSCOVITE SERICITE SCHIST gradational contact by increase in sericitization, highly bleached, fine to med grained texture, moderately to strongly banded, <10% white to milky white qtz veins in MSS unit, local fold with axial plane orienting 10 deg TCA @ 73.28m, no significant mineralization (<1% pyrite), white specks of angular to subangular plag feldspar (<15%) up to 4mm in size from 74.4-75.87m, RQD 66.00 - 69.00 : 91.00 % RQD 100.00 % Core 69.00 - 72.00 : 94.00 % RQD 99.00 % Core 72.00 - 75.00 : 95.00 % RQD 99.00 % Core 75.00 - 78.00 : 95.00 % RQD 100.00 % Core	793049	63.16	64.50	1.34	0.04				
			793051	64.50	66.00	1.50	0.04				
			793119	66.00	67.50	1.50	0.03				
			793052	67.50	69.00	1.50	0.04				
			793053	69.00	70.50	1.50	0.04				
			793054	70.50	72.00	1.50	0.03				
			793055	72.00	73.50	1.50	0.05				
			793056	72.00	73.50	1.50	0.05				
			793057	73.50	75.00	1.50	0.02				
			793058	75.00	76.50	1.50	0.02				
			793059	76.50	77.43	0.93	0.02				
77.43	102.65	MSED, Metasediment METASEDIMENTS TO BIOTITE MUSCOVITE SCHIST sharp contact @ 45 deg TCA, dark grey, fine to medium grained, wkly foliated in upper contact gradually becoming stronger downhole, ~5% thin chloritic veining throughout unit, 10% qtz veins orienting in various angles, local large py cubes up to up to 8mm in size from 92.70-93.60m, non-magnetic RQD 78.00 - 81.00 : 100.00 % RQD 100.00 % Core 81.00 - 84.00 : 100.00 % RQD 98.00 % Core 84.00 - 87.00 : 97.00 % RQD 100.00 % Core 87.00 - 90.00 : 91.00 % RQD 99.00 % Core 90.00 - 93.00 : 97.00 % RQD 98.00 % Core 93.00 - 96.00 : 95.00 % RQD 100.00 % Core 96.00 - 99.00 : 92.00 % RQD 99.00 % Core 99.00 - 102.00 : 74.00 % RQD 100.00 % Core 102.00 - 105.00 : 93.00 % RQD 98.00 % Core	793061	77.43	79.00	1.57	0.03				
			793062	99.50	101.00	1.50	0.09				
			793063	101.00	102.65	1.65	0.10				
102.65	115.83	MSS, Muscovite Sericite Schist MUSCOVITE SERICITE SCHIST sharp contact @ 50 deg TCA, intensely sericitized (90%), highly bleached to white in colour, fine to med grained, moderately to strongly foliated, tr sulphides, low abundance of milky white qtz veins in irregular margins (<5%), RQD 105.00 - 108.00 : 97.00 % RQD 100.00 % Core 108.00 - 111.00 : 100.00 % RQD 100.00 % Core 111.00 - 114.00 : 100.00 % RQD 100.00 % Core 114.00 - 117.00 : 98.00 % RQD 100.00 % Core	793064	102.65	104.00	1.35	0.03				
			793065	104.00	105.50	1.50	0.06				
			793066	105.50	107.00	1.50	0.03				
			793067	107.00	108.50	1.50	0.03				
			793068	108.50	110.00	1.50	0.02				
			793069	110.00	111.50	1.50	0.02				
			793071	111.50	113.00	1.50	0.04				
			793072	113.00	114.50	1.50	0.03				
			793073	114.50	115.83	1.33	0.21				

Hole Number: TL10107-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
115.83	127.50	BMS, Biotite Muscovite Schist BIOTITE MUSCOVITE SCHIST sharp contact @ 40 deg TCA, dark grey, fine to med grained, mod to strongly foliated, <5% white qtz injections throughout, local chloritic-qtz vein orienting ~40 deg TCA from 121.4-121.6m, no other significant features, finely diss py in fracture planes RQD 117.00 - 120.00 : 100.00 % RQD 98.00 % Core 120.00 - 123.00 : 100.00 % RQD 100.00 % Core 123.00 - 126.00 : 91.00 % RQD 99.00 % Core 126.00 - 129.00 : 95.00 % RQD 99.00 % Core	793074	115.83	117.00	1.17	0.10				
127.50	165.07	MSS, Muscovite Sericite Schist MUSCOVITE SERICITE SCHIST TO BIOTITE MUSCOVITE SCHIST gradational contact, bleached to dark grey in colour, fine to med grained texture, strongly foliated unit, 2-3% diss pink rounded to subrounded pink garnets throughout unit, low abundance qtz vein up to 4cm thick (5-10%), 1-2% blebby+diss+cubic pyrite, moderately to strongly sericitized (45-50%) RQD 129.00 - 132.00 : 93.00 % RQD 100.00 % Core 132.00 - 135.00 : 97.00 % RQD 100.00 % Core 135.00 - 138.00 : 100.00 % RQD 100.00 % Core 138.00 - 141.00 : 93.00 % RQD 100.00 % Core 141.00 - 144.00 : 91.00 % RQD 100.00 % Core 144.00 - 147.00 : 95.00 % RQD 100.00 % Core 147.00 - 150.00 : 97.00 % RQD 100.00 % Core 150.00 - 153.00 : 92.00 % RQD 100.00 % Core 153.00 - 156.00 : 100.00 % RQD 98.00 % Core 156.00 - 159.00 : 95.00 % RQD 100.00 % Core 159.00 - 162.00 : 89.00 % RQD 100.00 % Core 162.00 - 165.00 : 81.00 % RQD 100.00 % Core 165.00 - 168.00 : 89.00 % RQD 100.00 % Core	793075	127.50	129.00	1.50	0.03				
			793076	127.50	129.00	1.50	0.04				
			793077	129.00	130.50	1.50	0.03				
			793078	130.50	132.00	1.50	0.06				
			793079	132.00	133.50	1.50	0.03				
			793081	133.50	135.00	1.50	0.05				
			793082	135.00	136.50	1.50	0.03				
			793083	136.50	138.00	1.50	0.04				
			793084	138.00	139.50	1.50	0.02				
			793085	139.50	141.00	1.50	0.28				
			793086	141.00	142.50	1.50	0.55				
			793087	142.50	144.00	1.50	0.14				
			793088	144.00	145.50	1.50	0.09				
			793089	145.50	146.80	1.30	0.05				
			793091	146.80	147.30	0.50	3.15		3.23		
			793092	147.30	148.50	1.20	0.31				
			793093	148.50	150.00	1.50	0.10				
			793094	150.00	151.50	1.50	0.13				
			793095	151.50	153.00	1.50	0.23				
			793096	151.50	153.00	1.50	0.23				
			793097	153.00	154.00	1.00	0.13				
			793098	154.00	154.75	0.75	0.14				
			793099	154.75	156.00	1.25	0.43				
			793101	156.00	157.50	1.50	0.15				
			793102	157.50	159.00	1.50	0.83				
			793103	159.00	160.50	1.50	0.11				
			793104	160.50	162.00	1.50	0.13				
			793105	162.00	163.50	1.50	0.11				
			793106	163.50	165.00	1.50	1.08				
			793107	165.00	166.50	1.50	0.04				

Hole Number: TL10107-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
165.07	181.22	BMS, Biotite Muscovite Schist BIOTITE MUSCOVITE SCHIST gradational contact by decrease in sericitization, dark grey in colour, fine to med grained texture, moderately to wkly foliated, massive milky white qtz veins up to 14" from 168.5-174.0m, no significant sulphides (<1%), <5% ~3cm thick chloritic veins orienting roughly parallel to foliation throughout, non-magnetic, wkly altered E.O.H. RQD 168.00 - 171.00 : 93.00 % RQD 100.00 % Core 171.00 - 174.00 : 96.00 % RQD 99.00 % Core 174.00 - 177.00 : 94.00 % RQD 96.00 % Core 177.00 - 180.00 : 92.00 % RQD 100.00 % Core	793108	166.50	168.00	1.50	0.03				
			793109	168.00	169.50	1.50	0.02				
			793111	169.50	171.00	1.50	0.02				
			793112	171.00	172.50	1.50	0.02				
			793113	172.50	174.00	1.50	0.03				
			793114	174.00	175.50	1.50	0.05				
			793115	175.50	177.00	1.50	0.61				
			793116	175.50	177.00	1.50	0.54				
			793117	177.00	178.50	1.50	0.03				
			793118	178.50	180.00	1.50	0.01				
			1368061	180.35	181.25	0.90	0.01				
181.22	185.58	MSS, Muscovite Sericite Schist MSS B-Zone from 182.22m-185.58m This B-Zone MSS has very strong patchy sericitic alteration and weak patchy silicification. This unit is poorly mineralized with trace disseminated pyrite, trace pyrite blebs, trace chalcopyrite blebs, trace sphalerite stringer, trace galena blebs.	1368062	181.25	182.25	1.00	2.08				
			1368063	182.25	183.25	1.00	0.06				
			1368064	183.25	184.25	1.00	0.06				
			1368065	184.25	185.60	1.35	0.16				
			1368066	184.25	185.60	1.35	0.14				
185.58	224.07	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration, weak patchy chloritic alteration and weak to very strong patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, 1% pyrite in stringers, trace pyrrhotite blebs and trace chalcopyrite blebs.	1368067	185.60	187.10	1.50	0.01				
			1368068	200.00	201.50	1.50	0.00				
			1368069	201.50	203.00	1.50	0.00				
			1368071	203.00	204.50	1.50	0.01				
			1368072	204.50	206.00	1.50	0.01				
			1368073	206.00	207.50	1.50	0.05				
			1368074	218.50	219.50	1.00	0.50				
			1368075	219.50	220.50	1.00	0.07				
			1368076	220.50	222.00	1.50	0.01				
			1368077	222.00	223.00	1.00	0.00				
			1368078	223.00	224.00	1.00	0.14				
			1368079	224.00	225.00	1.00	1.27				
224.07	227.16	MSS, Muscovite Sericite Schist MSS C-Zone? 224.07m-227.16m This possible C-Zone MSS has very strong patchy sericitic alteration, moderate pervasive silicification and very weak patchy chloritic alteration. This unit is poorly mineralized with 1% disseminated pyrite, trace pyrite in stringers, trace sphalerite blebs, and trace chalcopyrite blebs.	1368081	225.00	226.00	1.00	0.46				
			1368082	226.00	227.20	1.20	0.31				

DETAILED LOG

Hole Number: TL10107-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
227.16	279.00	BMS, Biotite Muscovite Schist	1368083	227.20	228.70	1.50	0.14				
		BMS mineralized like C-Zone from 234m-260m	1368084	228.70	230.20	1.50	0.04				
		This BMS unit has moderate to very strong patchy silicification and very weak to weak patchy sericitic alteration with a small 3m patch of strong sericitic alteration. This unit is moderately mineralized with 2% pyrite in stringers, 1% disseminated pyrite, trace to 1% sphalerite in stringers, trace pyrrhotite stringers, trace pyrrhotite blebs, trace chalcopyrite blebs, and trace galena blebs.	1368085	230.20	231.70	1.50	0.04				
			1368086	230.20	231.70	1.50	0.03				
			1368087	231.70	233.20	1.50	0.01				
			1368088	233.20	234.70	1.50	0.02				
			1368089	234.70	236.20	1.50	0.05				
			1368091	236.20	237.00	0.80	0.59				
			1368092	237.00	238.50	1.50	0.12				
			1368093	238.50	240.00	1.50	0.15				
			1368094	240.00	241.50	1.50	0.19				
			1368095	241.50	243.00	1.50	0.20				
			1368096	243.00	244.50	1.50	0.17				
			1368097	244.50	245.50	1.00	0.16				
			1368098	245.50	246.50	1.00	0.05				
			1368099	246.50	247.50	1.00	0.30				
			1368101	247.50	249.00	1.50	0.14				
			1368102	249.00	250.50	1.50	0.00				
			1368103	250.50	252.00	1.50	0.01				
			1368104	252.00	253.50	1.50	0.29				
			1368105	253.50	255.00	1.50	0.60				
			1368106	253.50	255.00	1.50	0.67				
			1368107	255.00	256.50	1.50	0.39				
			1368108	256.50	258.00	1.50	0.29				
			1368109	258.00	259.50	1.50	0.63				
			1368111	259.50	260.50	1.00	0.16				
			1368112	260.50	262.00	1.50	0.03				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
793046	58.50	60.00	0.0470				
793047	60.00	61.50	0.0390				
793048	61.50	63.16	0.0270				
793049	63.16	64.50	0.0380				
793051	64.50	66.00	0.0380				
793119	66.00	67.50	0.0290				
793052	67.50	69.00	0.0360				
793053	69.00	70.50	0.0360				
793054	70.50	72.00	0.0290				
793055	72.00	73.50	0.0450				
793057	73.50	75.00	0.0200				

Hole Number: TL10107-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
793058	75.00	76.50	0.0160				
793059	76.50	77.43	0.0150				
793061	77.43	79.00	0.0340				
793062	99.50	101.00	0.0900				
793063	101.00	102.65	0.0950				
793064	102.65	104.00	0.0250				
793065	104.00	105.50	0.0590				
793066	105.50	107.00	0.0290				
793067	107.00	108.50	0.0260				
793068	108.50	110.00	0.0220				
793069	110.00	111.50	0.0240				
793071	111.50	113.00	0.0410				
793072	113.00	114.50	0.0290				
793073	114.50	115.83	0.2110				
793074	115.83	117.00	0.1000				
793075	127.50	129.00	0.0290				
793077	129.00	130.50	0.0320				
793078	130.50	132.00	0.0630				
793079	132.00	133.50	0.0290				
793081	133.50	135.00	0.0470				
793082	135.00	136.50	0.0340				
793083	136.50	138.00	0.0410				
793084	138.00	139.50	0.0240				
793085	139.50	141.00	0.2840				
793086	141.00	142.50	0.5480				
793087	142.50	144.00	0.1350				
793088	144.00	145.50	0.0900				
793089	145.50	146.80	0.0470				
793091	146.80	147.30	3.1470		3.2280		
793092	147.30	148.50	0.3110				
793093	148.50	150.00	0.0980				
793094	150.00	151.50	0.1320				
793095	151.50	153.00	0.2300				
793097	153.00	154.00	0.1250				
793098	154.00	154.75	0.1370				
793099	154.75	156.00	0.4340				
793101	156.00	157.50	0.1470				
793102	157.50	159.00	0.8270				
793103	159.00	160.50	0.1090				

Hole Number: TL10107-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
793104	160.50	162.00	0.1270				
793105	162.00	163.50	0.1050				
793106	163.50	165.00	1.0810				
793107	165.00	166.50	0.0350				
793108	166.50	168.00	0.0330				
793109	168.00	169.50	0.0160				
793111	169.50	171.00	0.0180				
793112	171.00	172.50	0.0170				
793113	172.50	174.00	0.0250				
793114	174.00	175.50	0.0510				
793115	175.50	177.00	0.6050				
793117	177.00	178.50	0.0260				
793118	178.50	180.00	0.0130				
1368061	180.35	181.25	0.0070				
1368062	181.25	182.25	2.0750				
1368063	182.25	183.25	0.0570				
1368064	183.25	184.25	0.0590				
1368065	184.25	185.60	0.1580				
1368067	185.60	187.10	0.0060				
1368068	200.00	201.50	0.0005				
1368069	201.50	203.00	0.0030				
1368071	203.00	204.50	0.0060				
1368072	204.50	206.00	0.0130				
1368073	206.00	207.50	0.0460				
1368074	218.50	219.50	0.5010				
1368075	219.50	220.50	0.0730				
1368076	220.50	222.00	0.0140				
1368077	222.00	223.00	0.0020				
1368078	223.00	224.00	0.1410				
1368079	224.00	225.00	1.2700				
1368081	225.00	226.00	0.4640				
1368082	226.00	227.20	0.3050				
1368083	227.20	228.70	0.1400				
1368084	228.70	230.20	0.0440				
1368085	230.20	231.70	0.0410				
1368087	231.70	233.20	0.0130				
1368088	233.20	234.70	0.0170				
1368089	234.70	236.20	0.0540				
1368091	236.20	237.00	0.5870				

Hole Number: TL10107-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368092	237.00	238.50	0.1190				
1368093	238.50	240.00	0.1490				
1368094	240.00	241.50	0.1900				
1368095	241.50	243.00	0.1970				
1368096	243.00	244.50	0.1680				
1368097	244.50	245.50	0.1610				
1368098	245.50	246.50	0.0450				
1368099	246.50	247.50	0.3020				
1368101	247.50	249.00	0.1370				
1368102	249.00	250.50	0.0040				
1368103	250.50	252.00	0.0060				
1368104	252.00	253.50	0.2850				
1368105	253.50	255.00	0.6020				
1368107	255.00	256.50	0.3880				
1368108	256.50	258.00	0.2870				
1368109	258.00	259.50	0.6300				
1368111	259.50	260.50	0.1590				
1368112	260.50	262.00	0.0320				
Sample Type	CDUP						
793056	72.00	73.50	0.0460				
793076	127.50	129.00	0.0350				
793096	151.50	153.00	0.2290				
793116	175.50	177.00	0.5370				
1368066	184.25	185.60	0.1420				
1368086	230.20	231.70	0.0290				
1368106	253.50	255.00	0.6670				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL10107-13R	180.4	181.3	1368061	1.00	6.20	21.00	284.00	1.00	0.50	1.84	2.00	5.00	23.00	31.00	1.57	0.01	13.00	1.22	699.00
TL10107-13R	181.3	182.3	1368062	43.00	4.68	24.00	232.00	2.00	31.00	0.13	2.00	4.00	25.00	42.00	1.30	0.01	8.00	0.47	136.00
TL10107-13R	182.3	183.3	1368063	5.00	4.42	16.00	195.00	1.00	30.00	0.01	2.00	4.00	30.00	29.00	0.95	0.01	7.00	0.42	50.00
TL10107-13R	183.3	184.3	1368064	11.00	5.27	20.00	214.00	2.00	25.00	0.06	2.00	3.00	23.00	43.00	0.90	0.01	10.00	0.57	215.00
TL10107-13R	184.3	185.6	1368065	11.00	5.40	22.00	257.00	1.00	29.00	0.23	2.00	4.00	23.00	18.00	0.97	0.01	9.00	0.55	194.00
TL10107-13R	184.3	185.6	1368066	14.00	5.28	20.00	260.00	2.00	0.50	0.31	2.00	3.00	28.00	19.00	1.03	0.01	9.00	0.60	242.00
TL10107-13R	185.6	187.1	1368067	1.00	5.09	10.00	250.00	2.00	21.00	2.12	2.00	4.00	29.00	9.00	1.19	0.01	10.00	1.33	715.00
TL10107-13R	200.0	201.5	1368068	0.50	5.52	13.00	458.00	1.00	29.00	1.20	2.00	6.00	26.00	4.00	2.06	0.01	17.00	0.61	385.00
TL10107-13R	201.5	203.0	1368069	0.50	5.04	11.00	433.00	1.00	59.00	1.33	2.00	6.00	27.00	8.00	2.19	0.01	16.00	0.59	484.00
TL10107-13R	203.0	204.5	1368071	1.00	2.90	9.00	351.00	1.00	10.00	0.85	2.00	10.00	26.00	9.00	2.48	0.01	13.00	0.61	635.00
TL10107-13R	204.5	206.0	1368072	1.00	4.20	14.00	460.00	1.00	33.00	0.92	2.00	11.00	24.00	7.00	2.32	0.01	15.00	0.62	558.00
TL10107-13R	206.0	207.5	1368073	4.00	5.45	27.00	543.00	1.00	18.00	2.00	2.00	18.00	117.00	60.00	3.54	0.01	18.00	1.16	790.00
TL10107-13R	218.5	219.5	1368074	5.00	3.58	68.00	436.00	3.00	16.00	0.56	2.00	17.00	132.00	174.00	3.40	0.01	5.00	0.61	313.00
TL10107-13R	219.5	220.5	1368075	1.00	4.38	23.00	684.00	1.00	12.00	0.88	2.00	7.00	39.00	26.00	1.89	0.01	9.00	0.83	340.00
TL10107-13R	220.5	222.0	1368076	0.50	4.15	20.00	592.00	1.00	12.00	1.59	2.00	6.00	20.00	3.00	1.72	0.01	11.00	1.11	386.00
TL10107-13R	222.0	223.0	1368077	0.50	5.16	22.00	581.00	2.00	25.00	1.56	2.00	7.00	48.00	7.00	1.89	0.01	14.00	1.03	419.00
TL10107-13R	223.0	224.0	1368078	1.00	4.88	48.00	459.00	1.00	17.00	2.07	2.00	18.00	134.00	51.00	3.56	0.01	13.00	1.20	674.00
TL10107-13R	224.0	225.0	1368079	4.00	3.99	48.00	459.00	1.00	0.50	0.13	2.00	5.00	76.00	31.00	1.90	0.15	4.00	0.39	102.00
TL10107-13R	225.0	226.0	1368081	3.00	3.15	51.00	383.00	2.00	26.00	0.22	2.00	7.00	73.00	26.00	2.14	0.05	3.00	0.41	170.00
TL10107-13R	226.0	227.2	1368082	2.00	4.44	44.00	392.00	2.00	27.00	0.04	2.00	9.00	92.00	19.00	2.39	0.01	4.00	0.34	50.00
TL10107-13R	227.2	228.7	1368083	0.50	4.91	62.00	395.00	2.00	25.00	1.91	2.00	15.00	119.00	67.00	3.04	0.01	11.00	1.19	650.00
TL10107-13R	228.7	230.2	1368084	0.50	5.35	52.00	449.00	2.00	6.00	1.85	2.00	8.00	50.00	19.00	2.07	0.01	12.00	1.14	523.00
TL10107-13R	230.2	231.7	1368085	0.50	4.63	20.00	347.00	2.00	26.00	1.92	2.00	6.00	35.00	18.00	1.69	0.01	10.00	1.16	491.00
TL10107-13R	230.2	231.7	1368086	0.50	5.31	19.00	436.00	1.00	0.50	2.03	2.00	6.00	42.00	15.00	1.76	0.01	11.00	1.17	503.00
TL10107-13R	231.7	233.2	1368087	0.50	5.61	23.00	372.00	2.00	26.00	2.01	2.00	8.00	36.00	7.00	1.93	0.01	12.00	1.11	460.00
TL10107-13R	233.2	234.7	1368088	0.50	5.90	20.00	346.00	3.00	41.00	2.09	2.00	7.00	36.00	16.00	1.86	0.01	12.00	1.26	515.00
TL10107-13R	234.7	236.2	1368089	1.00	5.59	29.00	303.00	2.00	28.00	1.38	2.00	18.00	128.00	71.00	3.60	0.05	10.00	1.32	523.00
TL10107-13R	236.2	237.0	1368091	2.00	2.84	20.00	211.00	2.00	20.00	0.87	2.00	13.00	134.00	40.00	2.24	0.01	0.50	0.67	298.00
TL10107-13R	237.0	238.5	1368092	0.50	1.48	28.00	182.00	1.00	19.00	0.66	2.00	6.00	51.00	10.00	1.56	0.01	0.50	0.72	367.00
TL10107-13R	238.5	240.0	1368093	0.50	4.40	40.00	293.00	1.00	10.00	1.52	2.00	7.00	46.00	12.00	1.81	0.01	8.00	1.11	532.00
TL10107-13R	240.0	241.5	1368094	0.50	4.94	46.00	370.00	2.00	27.00	1.29	2.00	7.00	58.00	13.00	1.87	0.01	10.00	0.97	586.00
TL10107-13R	241.5	243.0	1368095	0.50	3.96	35.00	282.00	1.00	12.00	1.42	2.00	6.00	44.00	23.00	1.80	0.01	8.00	1.04	696.00
TL10107-13R	243.0	244.5	1368096	0.50	4.62	36.00	394.00	1.00	9.00	1.04	2.00	7.00	53.00	23.00	1.68	0.01	9.00	0.86	604.00
TL10107-13R	244.5	245.5	1368097	2.00	5.11	41.00	487.00	2.00	33.00	1.59	2.00	7.00	34.00	48.00	1.81	0.03	10.00	1.09	795.00
TL10107-13R	245.5	246.5	1368098	0.50	5.27	27.00	552.00	2.00	0.50	2.21	2.00	6.00	35.00	15.00	1.71	0.04	10.00	1.37	772.00
TL10107-13R	246.5	247.5	1368099	5.00	4.78	37.00	503.00	2.00	16.00	1.72	12.00	7.00	63.00	25.00	2.03	0.01	10.00	1.14	809.00
TL10107-13R	247.5	249.0	1368101	0.50	4.96	25.00	517.00	2.00	8.00	1.80	2.00	7.00	70.00	14.00	1.95	0.01	10.00	1.21	813.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL10107-13R	180.4	181.3	1368061	2.00	23.00	441.00	25.00	1.08	2.50	2.50	5.00	135.00	1546.00	1.00	35.00	5.00	7.00	134.00
TL10107-13R	181.3	182.3	1368062	2.00	29.00	291.00	585.00	1.55	44.00	5.00	5.00	60.00	1225.00	1.00	25.00	23.00	5.00	793.00
TL10107-13R	182.3	183.3	1368063	2.00	40.00	310.00	90.00	1.05	16.00	2.50	5.00	52.00	1023.00	1.00	24.00	10.00	5.00	294.00
TL10107-13R	183.3	184.3	1368064	1.00	31.00	338.00	70.00	1.06	13.00	5.00	5.00	59.00	1060.00	1.00	23.00	17.00	5.00	479.00
TL10107-13R	184.3	185.6	1368065	2.00	31.00	357.00	59.00	1.09	9.00	2.50	5.00	65.00	1375.00	1.00	27.00	10.00	5.00	111.00
TL10107-13R	184.3	185.6	1368066	3.00	39.00	382.00	71.00	1.11	17.00	2.50	5.00	69.00	1391.00	1.00	27.00	16.00	5.00	149.00
TL10107-13R	185.6	187.1	1368067	2.00	38.00	377.00	24.00	0.99	8.00	2.50	5.00	122.00	1244.00	1.00	23.00	10.00	6.00	99.00
TL10107-13R	200.0	201.5	1368068	3.00	41.00	563.00	9.00	1.91	10.00	6.00	5.00	210.00	1669.00	1.00	34.00	12.00	7.00	170.00
TL10107-13R	201.5	203.0	1368069	2.00	42.00	608.00	11.00	1.62	12.00	5.00	5.00	191.00	1740.00	1.00	34.00	5.00	7.00	63.00
TL10107-13R	203.0	204.5	1368071	2.00	44.00	601.00	8.00	1.51	9.00	2.50	5.00	132.00	1755.00	1.00	34.00	5.00	6.00	60.00
TL10107-13R	204.5	206.0	1368072	1.00	38.00	580.00	15.00	1.94	10.00	2.50	5.00	153.00	1801.00	1.00	35.00	15.00	6.00	57.00
TL10107-13R	206.0	207.5	1368073	3.00	81.00	586.00	29.00	2.45	15.00	2.50	5.00	215.00	2300.00	1.00	71.00	5.00	14.00	111.00
TL10107-13R	218.5	219.5	1368074	3.00	90.00	448.00	144.00	3.45	11.00	2.50	5.00	88.00	1689.00	1.00	69.00	14.00	10.00	550.00
TL10107-13R	219.5	220.5	1368075	4.00	64.00	552.00	24.00	1.73	7.00	2.50	5.00	112.00	1626.00	1.00	34.00	5.00	6.00	70.00
TL10107-13R	220.5	222.0	1368076	0.50	35.00	527.00	13.00	1.05	7.00	2.50	5.00	123.00	1529.00	1.00	31.00	5.00	6.00	55.00
TL10107-13R	222.0	223.0	1368077	7.00	85.00	556.00	19.00	0.99	7.00	2.50	5.00	132.00	1864.00	2.00	35.00	5.00	6.00	75.00
TL10107-13R	223.0	224.0	1368078	5.00	98.00	511.00	32.00	2.37	12.00	2.50	5.00	139.00	1988.00	1.00	64.00	5.00	14.00	123.00
TL10107-13R	224.0	225.0	1368079	17.00	128.00	413.00	281.00	1.82	17.00	2.50	5.00	98.00	1205.00	1.00	31.00	26.00	5.00	682.00
TL10107-13R	225.0	226.0	1368081	8.00	81.00	328.00	182.00	2.16	12.00	2.50	5.00	73.00	1129.00	1.00	35.00	20.00	6.00	463.00
TL10107-13R	226.0	227.2	1368082	8.00	101.00	424.00	114.00	2.32	11.00	2.50	5.00	73.00	1717.00	1.00	48.00	13.00	7.00	275.00
TL10107-13R	227.2	228.7	1368083	8.00	112.00	560.00	33.00	2.20	11.00	2.50	5.00	120.00	1949.00	1.00	59.00	16.00	12.00	104.00
TL10107-13R	228.7	230.2	1368084	6.00	85.00	519.00	23.00	1.25	6.00	2.50	5.00	132.00	1641.00	1.00	32.00	5.00	6.00	67.00
TL10107-13R	230.2	231.7	1368085	2.00	49.00	487.00	17.00	0.95	13.00	2.50	5.00	122.00	1368.00	1.00	27.00	10.00	6.00	98.00
TL10107-13R	230.2	231.7	1368086	5.00	71.00	507.00	27.00	0.92	10.00	9.00	5.00	132.00	1461.00	1.00	29.00	14.00	6.00	90.00
TL10107-13R	231.7	233.2	1368087	3.00	59.00	515.00	26.00	1.11	12.00	2.50	5.00	120.00	1561.00	1.00	29.00	20.00	6.00	60.00
TL10107-13R	233.2	234.7	1368088	4.00	60.00	527.00	17.00	1.04	9.00	7.00	5.00	110.00	1596.00	1.00	30.00	12.00	6.00	73.00
TL10107-13R	234.7	236.2	1368089	9.00	131.00	531.00	34.00	2.21	7.00	2.50	5.00	90.00	1816.00	1.00	68.00	23.00	11.00	265.00
TL10107-13R	236.2	237.0	1368091	7.00	109.00	414.00	122.00	1.55	5.00	2.50	5.00	56.00	1301.00	1.00	55.00	18.00	10.00	481.00
TL10107-13R	237.0	238.5	1368092	6.00	86.00	403.00	39.00	1.11	8.00	6.00	5.00	50.00	956.00	1.00	22.00	5.00	4.00	86.00
TL10107-13R	238.5	240.0	1368093	6.00	74.00	455.00	74.00	1.28	11.00	7.00	5.00	69.00	1367.00	1.00	29.00	15.00	6.00	90.00
TL10107-13R	240.0	241.5	1368094	6.00	92.00	490.00	27.00	1.33	9.00	2.50	5.00	63.00	1701.00	1.00	33.00	15.00	6.00	120.00
TL10107-13R	241.5	243.0	1368095	5.00	71.00	458.00	47.00	1.34	9.00	5.00	5.00	63.00	1461.00	1.00	29.00	5.00	6.00	161.00
TL10107-13R	243.0	244.5	1368096	5.00	82.00	489.00	34.00	1.28	12.00	2.50	5.00	64.00	1677.00	4.00	32.00	21.00	6.00	71.00
TL10107-13R	244.5	245.5	1368097	2.00	51.00	491.00	35.00	1.35	6.00	2.50	5.00	75.00	1655.00	1.00	32.00	18.00	6.00	121.00
TL10107-13R	245.5	246.5	1368098	3.00	52.00	491.00	27.00	1.01	6.00	2.50	5.00	89.00	1467.00	1.00	30.00	5.00	6.00	272.00
TL10107-13R	246.5	247.5	1368099	10.00	106.00	460.00	451.00	1.51	13.00	2.50	5.00	73.00	1417.00	3.00	31.00	63.00	6.00	2540.00
TL10107-13R	247.5	249.0	1368101	10.00	114.00	493.00	77.00	1.03	10.00	2.50	5.00	84.00	1530.00	1.00	32.00	21.00	6.00	436.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL10107-13R	249.0	250.5	1368102	0.50	5.15	12.00	597.00	2.00	11.00	2.35	2.00	8.00	48.00	3.00	1.96	0.01	8.00	1.29	558.00
TL10107-13R	250.5	252.0	1368103	0.50	5.13	16.00	548.00	2.00	38.00	2.37	2.00	7.00	41.00	3.00	1.88	0.01	9.00	1.34	569.00
TL10107-13R	252.0	253.5	1368104	0.50	4.17	40.00	366.00	1.00	47.00	1.51	2.00	7.00	59.00	29.00	1.86	0.01	10.00	1.13	715.00
TL10107-13R	253.5	255.0	1368106	0.50	4.27	36.00	386.00	1.00	4.00	1.66	2.00	6.00	53.00	61.00	1.95	0.01	10.00	1.17	791.00
TL10107-13R	253.5	255.0	1368105	1.00	4.91	40.00	457.00	1.00	14.00	1.66	2.00	6.00	69.00	56.00	2.11	0.01	12.00	1.14	776.00
TL10107-13R	255.0	256.5	1368107	1.00	4.92	41.00	380.00	3.00	31.00	1.03	2.00	16.00	85.00	35.00	3.25	0.01	15.00	1.50	682.00
TL10107-13R	256.5	258.0	1368108	2.00	4.32	66.00	322.00	1.00	12.00	0.81	5.00	17.00	81.00	77.00	3.13	0.10	11.00	1.12	502.00
TL10107-13R	258.0	259.5	1368109	13.00	3.65	49.00	382.00	2.00	10.00	0.78	2.00	7.00	31.00	116.00	1.73	0.02	6.00	0.78	436.00
TL10107-13R	259.5	260.5	1368111	3.00	5.10	45.00	462.00	2.00	21.00	1.56	2.00	8.00	29.00	13.00	2.05	0.01	11.00	1.13	647.00
TL10107-13R	260.5	262.0	1368112	0.50	5.51	15.00	546.00	2.00	31.00	2.43	2.00	6.00	32.00	34.00	1.68	0.01	10.00	1.47	884.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL10107-13R	249.0	250.5	1368102	4.00	69.00	498.00	23.00	0.58	13.00	2.50	5.00	136.00	1669.00	1.00	34.00	12.00	6.00	67.00
TL10107-13R	250.5	252.0	1368103	4.00	64.00	498.00	18.00	0.72	7.00	8.00	5.00	128.00	1578.00	1.00	31.00	13.00	6.00	58.00
TL10107-13R	252.0	253.5	1368104	8.00	91.00	440.00	51.00	1.26	7.00	6.00	5.00	79.00	1348.00	1.00	30.00	14.00	6.00	143.00
TL10107-13R	253.5	255.0	1368106	7.00	80.00	439.00	51.00	1.36	10.00	6.00	5.00	82.00	1326.00	1.00	30.00	10.00	6.00	215.00
TL10107-13R	253.5	255.0	1368105	11.00	106.00	425.00	50.00	1.49	11.00	2.50	5.00	87.00	1472.00	1.00	33.00	18.00	7.00	149.00
TL10107-13R	255.0	256.5	1368107	0.50	72.00	500.00	45.00	1.93	9.00	2.50	5.00	68.00	1981.00	1.00	69.00	10.00	10.00	91.00
TL10107-13R	256.5	258.0	1368108	4.00	72.00	614.00	211.00	2.36	2.50	2.50	5.00	72.00	1820.00	1.00	61.00	35.00	11.00	1327.00
TL10107-13R	258.0	259.5	1368109	2.00	39.00	442.00	589.00	1.55	16.00	2.50	5.00	60.00	1357.00	1.00	34.00	25.00	6.00	826.00
TL10107-13R	259.5	260.5	1368111	2.00	39.00	509.00	81.00	1.62	11.00	7.00	5.00	88.00	1569.00	1.00	37.00	16.00	6.00	141.00
TL10107-13R	260.5	262.0	1368112	2.00	39.00	436.00	26.00	0.90	2.50	6.00	5.00	112.00	1356.00	1.00	38.00	14.00	6.00	130.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL10107-13RE	8.6	29.2	20.6	PY	DISS	2	1-3% disseminated pyrite.
TL10107-13RE	29.2	63.2	34.0	PY	DISS	2	2-3% disseminated pyrite with abundant stringers parallel to foliation.
TL10107-13RE	29.2	63.2	34.0	SPH	ST	0.1	Trace local sphalerite stringers.
TL10107-13RE	63.2	77.4	14.3	PY	DISS	1	1-3% disseminated pyrite with local stringers parallel to foliation.
TL10107-13RE	92.7	93.6	0.9	PY	BLB	1	local large py cubes up to up to 8mm in size
TL10107-13RE	100.5	101.1	0.6	PY	SMASS	5	local semi-massive pyrite
TL10107-13RE	102.7	115.8	13.2	PY	DISS	1	finely diss pyrite in trace amounts
TL10107-13RE	115.8	127.5	11.7	PY	CLST	1	<1% finely diss py
TL10107-13RE	127.5	165.1	37.6	PY	DISS	0.1	1-2% blebby+diss+cubic pyrite; moderately to strongly sericitized (45-50%)
TL10107-13RE	165.1	180.0	14.9	PY	DISS	1	no apparent sulphides
TL10107-13RE	182.2	185.6	3.4	PY	DISS	0.1	Trace disseminated py
TL10107-13RE	182.2	185.6	3.4	PY	BLB	0.1	Trace py blebs found in and along margins of qtz veins
TL10107-13RE	183.8	184.0	0.2	CP	BLB	0.1	Trace cpy blebs found in sph stringer
TL10107-13RE	183.8	184.0	0.2	PB	BLB	0.1	Trace gal blebs found w/ cpy in sph stringer
TL10107-13RE	183.8	184.0	0.2	SPH	ST	0.1	Trace sph in 2mm wide stringer oriented semi-parallel to foliation
TL10107-13RE	185.6	224.1	38.5	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz-amph veins
TL10107-13RE	185.6	224.1	38.5	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL10107-13RE	185.6	224.1	38.5	PY	ST	1	1% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL10107-13RE	185.6	224.1	38.5	PY	DISS	1	1% disseminated py throughout the interval
TL10107-13RE	224.1	227.2	3.1	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL10107-13RE	224.1	227.2	3.1	SPH	BLB	0.1	Trace sph in blebs found in qtz veins w/ py and cpy
TL10107-13RE	224.1	227.2	3.1	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins and found w/ sph
TL10107-13RE	224.1	227.2	3.1	PY	DISS	1	1% disseminated py throughout the interval
TL10107-13RE	227.2	279.0	51.8	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL10107-13RE	227.2	279.0	51.8	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL10107-13RE	227.2	279.0	51.8	PY	DISS	1	1% disseminated py throughout the interval
TL10107-13RE	227.2	279.0	51.8	PY	ST	2	2% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL10107-13RE	227.2	279.0	51.8	PO	ST	0.1	Trace po in 1-5mm wide stringers oriented semi-parallel to foliation
TL10107-13RE	246.5	247.5	1.0	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers
TL10107-13RE	258.0	261.0	3.0	PB	BLB	0.1	Trace gal blebs found associated w/ sph stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL10107-13RE	8.6	29.2	20.6	FOL		50	very wkly to wkly foliated
TL10107-13RE	29.2	63.2	34.0	FOL		60	strongly foliated
TL10107-13RE	50.5	53.1	2.6	FTZ		50	large FZ infilled with clay and carbonates from 50.54-53.0m
TL10107-13RE	63.2	77.4	14.3	FOL		60	moderately to strongly foliated
TL10107-13RE	73.3	73.3	0.1	Fold		10	small local fold with axial plane orienting 10 deg TCA
TL10107-13RE	77.4	102.7	25.2	FOL		50	wkly foliated in upper contact gradually becoming stronger downhole
TL10107-13RE	102.7	115.8	13.2	FOL		65	moderately to strongly foliated
TL10107-13RE	115.7	115.7	0.1	Fold		35	S2 fold with axial plane 35 degrees TCA.
TL10107-13RE	115.8	127.5	11.7	FOL		40	Moderately to strongly foliated unit.
TL10107-13RE	127.5	165.1	37.6	FOL		70	65-70 deg TCA; moderately to strongly foliated
TL10107-13RE	165.1	180.0	14.9	CT		70	moderately to wkly foliated core
TL10107-13RE	182.2	185.6	3.4	FOL	Strong	60	Strong foliation at 60 deg TCA
TL10107-13RE	185.6	192.0	6.4	FOL	Very Strong	55	V. strong foliation at 55 deg TCA
TL10107-13RE	185.6	224.1	38.5	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL10107-13RE	192.0	224.1	32.1	FOL	Very Strong	60	V. strong foliation at 60 deg TCA
TL10107-13RE	196.9	197.0	0.1	Fold	Weak	45	Weak F2 folding oriented at 45 deg TCA
TL10107-13RE	199.9	200.1	0.2	Fold	Weak	45	Weak F2 folding oriented at 45 deg TCA
TL10107-13RE	224.1	225.7	1.6	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL10107-13RE	224.1	227.2	3.1	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL10107-13RE	225.7	227.2	1.5	FOL	Moderate	50	Moderate foliation at 50 deg TCA
TL10107-13RE	225.9	226.0	0.2	Fold	Moderate	40	Moderate F2 folding oriented at 40 deg TCA
TL10107-13RE	227.2	237.0	9.8	FOL	Very Strong	60	V. strong foliation at 60 deg TCA
TL10107-13RE	227.2	279.0	51.8	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL10107-13RE	227.2	279.0	51.8	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL10107-13RE	237.0	257.9	20.9	FOL	Very Strong	65	V. strong foliation at 65 deg TCA
TL10107-13RE	256.9	257.0	0.1	Fold	Moderate	45	Moderate F2 folding oriented at 45 deg TCA
TL10107-13RE	257.9	267.0	9.1	FOL	Strong	60	Strong foliation at 60 deg TCA
TL10107-13RE	265.4	265.5	0.1	Fold	Very Weak	60	V. weak F2 folding oriented at 60 deg TCA
TL10107-13RE	267.0	279.0	12.0	FOL	Strong	65	Strong foliation at 65 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL10107-13RE	8.6	29.2	20.6	SI	Vein	Moderate	up to 7cm milky white to glassy qtz veins orienting roughly parallel to foliation
TL10107-13RE	8.6	29.2	20.6	CH	Patchy	Weak	Weak local chlorite bands +/- epidote.
TL10107-13RE	29.2	63.2	34.0	SR	Pervasive	Moderate	strongly sericitized in upper contact gradually decreasing in strength downhole (40-20%)
TL10107-13RE	63.2	77.4	14.3	SR	Pervasive	Strong	60% sericitized rock
TL10107-13RE	102.7	115.8	13.2	SR	Pervasive	Very Strong	>90% intense sericitization unit
TL10107-13RE	127.5	165.1	37.6	SR	Pervasive	Moderate	moderately to strongly sericitized (45-50%)
TL10107-13RE	182.2	185.6	3.4	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL10107-13RE	182.2	185.6	3.4	SI	Patchy	Weak	Weak patchy silicification throughout the interval
TL10107-13RE	185.6	192.0	6.4	SI	Patchy	Weak	Weak patchy silicification
TL10107-13RE	185.6	224.1	38.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL10107-13RE	192.0	214.9	22.9	SI	Patchy	Very Strong	V. strong patchy silicification
TL10107-13RE	214.9	219.6	4.7	SI	Patchy	Moderate	Moderate patchy silicification
TL10107-13RE	217.0	224.1	7.1	CH	Patchy	Weak	Weak patchy chl alt
TL10107-13RE	219.6	224.1	4.5	SI	Patchy	Very Strong	V. strong patchy silicification
TL10107-13RE	224.1	227.2	3.1	CH	Patchy	Very Weak	V. weak patchy chl alt
TL10107-13RE	224.1	227.2	3.1	SI	Pervasive	Moderate	Moderate pervasive silicification
TL10107-13RE	224.1	227.2	3.1	SR	Patchy	Very Strong	V. strong patchy ser alt, 95% ser to 5% bio
TL10107-13RE	227.2	252.4	25.2	SI	Patchy	Very Strong	V. strong patchy sil alt
TL10107-13RE	227.2	257.1	29.9	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL10107-13RE	252.4	267.0	14.6	SI	Patchy	Moderate	Moderate patchy silicification
TL10107-13RE	257.1	260.4	3.3	SR	Patchy	Strong	Strong patchy ser alt, 70% ser to 30% bio
TL10107-13RE	260.4	279.0	18.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL10107-13RE	260.4	279.0	18.6	SI	Patchy	Very Strong	V. strong patchy silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL10107-13RE	9	12	3	2.97	2.46	99	82	5	
TL10107-13RE	12	15	3	2.94	2.25	98	75	7	
TL10107-13RE	15	18	3	3	2.58	100	86	4	
TL10107-13RE	18	21	3	3	2.82	100	94	1	
TL10107-13RE	21	24	3	2.94	2.79	98	93	4	
TL10107-13RE	24	27	3	3	2.76	100	92		
TL10107-13RE	27	30	3	2.94	2.91	98	97	1	
TL10107-13RE	30	33	3	3	3	100	100	1	
TL10107-13RE	33	36	3	2.97	2.7	99	90	3	
TL10107-13RE	36	39	3	3	2.82	100	94	1	
TL10107-13RE	39	42	3	2.82	2.88	94	96	1	
TL10107-13RE	42	45	3	2.97	2.34	99	78	2	
TL10107-13RE	45	48	3	2.94	2.7	98	90	6	
TL10107-13RE	48	51	3	2.94	2.19	98	73	50	
TL10107-13RE	51	54	3	2.91	1.44	97	48	50	
TL10107-13RE	54	57	3	3	2.88	100	96	1	
TL10107-13RE	57	60	3	2.91	2.91	97	97	2	
TL10107-13RE	60	63	3	3	2.79	100	93	1	
TL10107-13RE	63	66	3	3	2.85	100	95	2	
TL10107-13RE	66	69	3	3	2.73	100	91	1	
TL10107-13RE	69	72	3	2.97	2.82	99	94	1	
TL10107-13RE	72	75	3	2.97	2.85	99	95	2	
TL10107-13RE	75	78	3	3	2.85	100	95	1	
TL10107-13RE	78	81	3	3	3	100	100	3	
TL10107-13RE	81	84	3	2.94	3	98	100		
TL10107-13RE	84	87	3	3	2.91	100	97	2	
TL10107-13RE	87	90	3	2.97	2.73	99	91	2	
TL10107-13RE	90	93	3	2.94	2.91	98	97	2	
TL10107-13RE	93	96	3	3	2.85	100	95	3	
TL10107-13RE	96	99	3	2.97	2.76	99	92	6	
TL10107-13RE	99	102	3	3	2.22	100	74	7	
TL10107-13RE	102	105	3	2.94	2.79	98	93	3	
TL10107-13RE	105	108	3	3	2.91	100	97	1	
TL10107-13RE	108	111	3	3	3	100	100		
TL10107-13RE	111	114	3	3	3	100	100	1	
TL10107-13RE	114	117	3	3	2.94	100	98	1	
TL10107-13RE	117	120	3	2.94	3	98	100	1	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL10107-13RE	120	123	3	3	3	100	100	2	
TL10107-13RE	123	126	3	2.97	2.73	99	91	4	
TL10107-13RE	126	129	3	2.97	2.85	99	95	1	
TL10107-13RE	129	132	3	3	2.79	100	93	2	
TL10107-13RE	132	135	3	3	2.91	100	97	3	
TL10107-13RE	135	138	3	3	3	100	100	3	
TL10107-13RE	138	141	3	3	2.79	100	93	3	
TL10107-13RE	141	144	3	3	2.73	100	91	1	
TL10107-13RE	144	147	3	3	2.85	100	95	3	
TL10107-13RE	147	150	3	3	2.91	100	97	1	
TL10107-13RE	150	153	3	3	2.76	100	92	2	
TL10107-13RE	153	156	3	2.94	3	98	100	1	
TL10107-13RE	156	159	3	3	2.85	100	95	4	
TL10107-13RE	159	162	3	3	2.67	100	89	3	
TL10107-13RE	162	165	3	3	2.43	100	81	4	
TL10107-13RE	165	168	3	3	2.67	100	89	4	
TL10107-13RE	168	171	3	3	2.79	100	93	3	
TL10107-13RE	171	174	3	2.97	2.88	99	96	4	
TL10107-13RE	174	177	3	2.88	2.82	96	94	5	
TL10107-13RE	177	180	3	3	2.76	100	92	4	
TL10107-13RE	183	186	3	3.11	1.62	103.67	54	39	
TL10107-13RE	186	189	3	2.94	1.06	98	35.33	15	
TL10107-13RE	189	192	3	3.03	2.74	101	91.33	11	
TL10107-13RE	192	195	3	3.02	2.75	100.67	91.67	10	
TL10107-13RE	195	198	3	3.02	2.77	100.67	92.33	10	
TL10107-13RE	198	201	3	3	2.44	100	81.33	9	
TL10107-13RE	201	204	3	2.93	2.43	97.67	81	12	
TL10107-13RE	204	207	3	2.93	2.9	97.67	96.67	6	
TL10107-13RE	207	210	3	3.01	2.86	100.33	95.33	8	
TL10107-13RE	210	213	3	2.94	2.66	98	88.67	8	
TL10107-13RE	213	216	3	3.01	2.57	100.33	85.67	12	
TL10107-13RE	216	219	3	3.12	2.31	104	77	40	
TL10107-13RE	219	222	3	2.98	2.81	99.33	93.67	9	
TL10107-13RE	222	225	3	2.51	2.03	83.67	67.67	6	.5 Meter Missing
TL10107-13RE	225	228	3	3.07	1.95	102.33	65	17	
TL10107-13RE	228	231	3	2.94	2.18	98	72.67	11	
TL10107-13RE	231	234	3	2.96	2.92	98.67	97.33	8	
TL10107-13RE	234	237	3	2.99	1.53	99.67	51	42	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL10107-13RE	237	240	3	3.01	2.33	100.33	77.67	28	
TL10107-13RE	240	243	3	3.07	2.84	102.33	94.67	9	
TL10107-13RE	243	246	3	2.95	2.71	98.33	90.33	9	
TL10107-13RE	246	249	3	3.03	3.03	101	101	6	
TL10107-13RE	249	252	3	3.02	3.02	100.67	100.67	8	
TL10107-13RE	252	255	3	3.01	2.53	100.33	84.33	11	
TL10107-13RE	255	258	3	3.02	2.79	100.67	93	9	
TL10107-13RE	258	261	3	3.02	2.66	100.67	88.67	13	
TL10107-13RE	261	264	3	2.95	2.82	98.33	94	6	
TL10107-13RE	264	267	3	3.02	2.49	100.67	83	13	
TL10107-13RE	267	270	3	3.03	2.7	101	90	10	
TL10107-13RE	270	273	3	3.06	2.14	102	71.33	18	
TL10107-13RE	273	276	3	2.91	2.01	97	67	17	
TL10107-13RE	276	279	3	3.01	2.47	100.33	82.33	7	

DETAILED LOG

Hole Number: TL10113-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
7.20	81.00	BMS, Biotite Muscovite Schist	303061	12.00	13.00	1.00			0.02		
			303062	13.00	14.00	1.00			0.04		
			303063	14.00	15.00	1.00			0.53		
			303064	15.00	16.00	1.00			0.25		
			303065	16.00	17.00	1.00			0.08		
			303066	16.00	17.00	1.00			0.07		
			303067	17.00	18.00	1.00			0.04		
			303068	18.00	19.00	1.00			0.07		
			303069	19.00	20.00	1.00			0.20		
			303071	20.00	21.00	1.00			0.02		
			303072	21.00	22.00	1.00			0.03		
			303073	22.00	23.00	1.00			0.02		
			303074	23.00	24.00	1.00			0.02		
			303075	24.00	25.00	1.00			0.06		
			303076	25.00	26.00	1.00			0.21		
			303077	26.00	27.00	1.00			0.01		
			303078	27.00	28.00	1.00			0.00		
			303079	28.00	29.00	1.00			0.01		
			303081	29.00	29.80	0.80			0.01		
			303082	29.80	30.50	0.70			0.00		
			980051	30.50	32.00	1.50	0.01				
			980052	32.00	33.50	1.50	0.03				
			980053	33.50	35.00	1.50	0.72				
			980054	35.00	36.50	1.50	3.39		2.64		
			980055	36.50	37.75	1.25	0.31				
			980056	37.75	39.00	1.25	0.13				
			980057	39.00	40.50	1.50	0.05				
			980058	48.00	49.10	1.10	0.01				
			980059	49.10	49.50	0.40	0.49				
			980061	49.50	50.00	0.50	0.02				
			980062	50.00	51.00	1.00	0.03				
			980063	51.00	52.50	1.50	0.01				
			980064	58.20	59.45	1.25	0.36				
			980065	66.00	67.50	1.50	0.03				
			980066	66.00	67.50	1.50	0.03				
			980067	67.50	69.00	1.50	0.01				
			980068	69.00	70.50	1.50	0.02				
			980069	70.50	72.00	1.50	0.01				
			980071	72.00	73.50	1.50	0.02				
			980072	73.50	75.00	1.50	0.02				
			980073	75.00	76.50	1.50	0.08				
			980074	76.50	77.00	0.50	1.54				
			980075	77.00	78.00	1.00	0.08				

DETAILED LOG

Hole Number: TL10113-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
			980076	78.00	79.50	1.50	0.07				
			980077	79.50	81.00	1.50	0.09				
81.00	103.31	MSS, Muscovite Sericite Schist	980078	81.00	82.50	1.50	0.22				
			980079	82.50	84.00	1.50	0.21				
			980081	84.00	85.50	1.50	0.51				
			980082	85.50	86.50	1.00	0.24				
			980083	86.50	87.50	1.00	0.86				
			980084	87.50	88.50	1.00	0.74				
			980085	88.50	90.00	1.50	0.50				
			980086	88.50	90.00	1.50	0.81				
			980087	90.00	90.85	0.85	0.19				
			980088	90.85	92.00	1.15	0.54				
			980089	92.00	93.50	1.50	0.75				
			980091	93.50	95.00	1.50	0.03				
			980092	95.00	96.60	1.60	0.04				
			980093	96.60	98.00	1.40	0.04				
			980094	98.00	99.00	1.00	0.03				
			980095	99.00	100.00	1.00	0.05				
			980096	100.00	101.00	1.00	0.02				
			980097	101.00	102.00	1.00	0.02				
			980098	102.00	103.31	1.31	0.13				
103.31	114.36	BMS, Biotite Muscovite Schist	980099	103.31	105.00	1.69	0.10				
114.36	132.00	MSS, Muscovite Sericite Schist	980101	114.36	115.50	1.14	0.40				
			980102	115.50	116.50	1.00	0.84				
			980103	116.50	118.00	1.50	0.08				
			980104	118.00	119.50	1.50	1.18				
			980105	119.50	121.00	1.50	1.81				
			980106	119.50	121.00	1.50	0.06				
			980107	121.00	122.00	1.00	0.86				
			980108	122.00	123.50	1.50	0.10				
			980109	123.50	125.00	1.50	0.05				
			980111	125.00	126.50	1.50	0.08				
			980112	126.50	128.00	1.50	0.04				
			980113	128.00	129.50	1.50	0.10				
			980114	129.50	131.00	1.50	0.46				
			980115	131.00	132.00	1.00	0.16				
132.00	147.00	BMS, Biotite Muscovite Schist	980116	132.00	133.50	1.50	0.04				
			980117	133.50	135.00	1.50	0.01				

DETAILED LOG

Hole Number: TL10113-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
147.00	207.36	BMS, Biotite Muscovite Schist	303083	153.00	154.00	1.00			0.00		
		This BMS unit has very weak to weak patchy sericitic alteration, weak to very strong patchy silicification, and very weak patchy chloritic alteration. This unit contains 2% pyrite in stringers, 1% disseminated pyrite, trace to 1% sphalerite stringers, trace galena blebs and trace chalcopyrite blebs.	303084	154.00	155.00	1.00			0.00		
			303085	155.00	156.00	1.00			0.01		
			303086	155.00	156.00	1.00			0.01		
			303087	156.00	157.00	1.00			0.00		
			303088	157.00	158.00	1.00			0.00		
			303089	158.00	159.00	1.00			0.01		
			303091	159.00	160.00	1.00			0.05		
			1368461	160.00	161.50	1.50		0.43			
			1368462	161.50	162.50	1.00		0.98			
			1368463	162.50	164.00	1.50		0.04			
			1368464	164.00	165.50	1.50		0.08			
			1368466	165.50	167.00	1.50		0.02			
			1368465	165.50	167.00	1.50		0.02			
			1368467	167.00	168.50	1.50		0.07			
			1368468	168.50	170.00	1.50		0.16			
			1368469	170.00	171.00	1.00		0.07			
			1368471	171.00	172.00	1.00		0.34			
			1368472	172.00	173.50	1.50		0.23			
			1368473	173.50	175.00	1.50		0.06			
			1368474	175.00	176.50	1.50		0.06			
			1368475	176.50	178.00	1.50		0.03			
			1368476	178.00	179.00	1.00		0.08			
			1368477	179.00	180.00	1.00		0.04			
			1368478	180.00	181.50	1.50		0.03			
			1368479	181.50	182.50	1.00		0.04			
			1368481	182.50	184.00	1.50		0.07			
			1368482	199.50	201.00	1.50		0.09			
			1368483	201.00	202.00	1.00		0.98			
			1368484	202.00	203.00	1.00		0.13			
		1368486	203.00	204.00	1.00		0.05				
		1368485	203.00	204.00	1.00		0.41				
		1368487	204.00	205.50	1.50		0.03				
		1368488	205.50	207.00	1.50		1.06				
		1368489	207.00	207.90	0.90		2.37				

Hole Number: TL10113-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1	
207.36	220.20	MSS, Muscovite Sericite Schist	1368491	207.90	208.90	1.00	0.45					
		MSS C-Zone from 207.36m-220.20m	1368492	208.90	210.40	1.50	0.85					
		This C-Zone MSS has very strong patchy sericitic alteration with a patch of very weak sericitic alteration from 214m-216m. This unit also has weak patchy silicification. This unit is well mineralized with 2% disseminated pyrite, 3% pyrite in stringers, 2% sphalerite in stringers, trace galena blebs, trace chalcopyrite blebs, and trace VG in 3 intervals.	1368493	210.40	210.90	0.50	5.85					
		From 210.45-210.6 there is trace Au in 2 specks of VG <1mm in size found at 210.55m in a smokey grey qtz vein with galena, sphalerite and pyrite.	1368494	210.90	211.90	1.00	0.36					
		From 213m-213.1m there is trace Au in 1 possible speck of VG <1mm in size found at 213.08m in a smokey grey qtz vein between 2 pyrite stringers.	1368495	211.90	212.80	0.90	0.56					
		From 218.35m-218.4m there is trace Au in a 2mm wide speck of VG found at 218.38m in an irregular milky white qtz vein with minor epidote alteration and found with galena, pyrite and sphalerite.	1368496	212.80	213.30	0.50	1.66					
			1368497	213.30	214.80	1.50	0.43					
			1368498	214.80	215.90	1.10	0.79					
			1368499	215.90	216.90	1.00	0.19					
			1342151	216.90	217.90	1.00	0.15					
			1342152	217.90	218.50	0.60	18.09				14.16	
			1342153	218.50	219.30	0.80	1.96					
			1342154	219.30	220.20	0.90	0.79					

DETAILED LOG

Hole Number: TL10113-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
220.20	306.00	BMS, Biotite Muscovite Schist	1342156	220.20	221.70	1.50	0.27				
		This BMS unit has very weak to moderate patchy sericitic alteration and moderate to strong patchy silicification. This unit contains 3% py in stringers, trace to 1% disseminated pyrite, trace sphalerite in stringers, trace pyrrhotite in stringers, trace pyrrhotite blebs, and trace chalcopyrite blebs.	1342155	220.20	221.70	1.50	0.26				
			1342157	221.70	223.20	1.50	0.07				
			1342158	223.20	224.70	1.50	0.02				
			1342159	224.70	226.20	1.50	0.10				
			1342161	226.20	227.70	1.50	0.04				
			1342162	227.70	229.20	1.50	0.46				
			1342163	229.20	230.70	1.50	0.24				
			1342164	230.70	232.20	1.50	0.11				
			1342165	232.20	233.70	1.50	0.17				
			1342166	233.70	235.20	1.50	0.12				
			1342167	235.20	236.70	1.50	0.25				
			1342168	236.70	238.20	1.50	0.03				
			1342169	238.20	239.70	1.50	0.08				
			1342171	239.70	241.20	1.50	0.01				
			1342172	241.20	242.70	1.50	0.02				
			1342173	242.70	244.20	1.50	0.01				
			1342174	244.20	245.70	1.50	0.01				
			1342176	245.70	247.20	1.50	0.01				
			1342175	245.70	247.20	1.50	0.01				
			1342177	247.20	248.70	1.50	0.01				
		1342178	248.70	250.20	1.50	0.01					
		1342179	250.20	251.70	1.50	0.01					
		1342181	251.70	253.20	1.50	0.16					
		1342182	253.20	254.70	1.50	0.00					
		1342183	254.70	256.20	1.50	0.13					
		1342184	256.20	257.70	1.50	0.04					
		1342185	257.70	259.20	1.50	0.02					
		1342186	259.20	260.70	1.50	0.01					
		1342187	260.70	262.20	1.50	1.04					
		1342188	262.20	263.70	1.50	0.16					

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
303061	12.00	13.00		0.0150			
303062	13.00	14.00		0.0440			
303063	14.00	15.00		0.5250			
303064	15.00	16.00		0.2460			
303065	16.00	17.00		0.0830			
303067	17.00	18.00		0.0410			
303068	18.00	19.00		0.0710			

Hole Number: TL10113-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
303069	19.00	20.00		0.2000			
303071	20.00	21.00		0.0170			
303072	21.00	22.00		0.0290			
303073	22.00	23.00		0.0190			
303074	23.00	24.00		0.0240			
303075	24.00	25.00		0.0570			
303076	25.00	26.00		0.2080			
303077	26.00	27.00		0.0060			
303078	27.00	28.00		0.0040			
303079	28.00	29.00		0.0110			
303081	29.00	29.80		0.0060			
303082	29.80	30.50		0.0030			
980051	30.50	32.00	0.0130				
980052	32.00	33.50	0.0290				
980053	33.50	35.00	0.7150				
980054	35.00	36.50	3.3930		2.6370		
980055	36.50	37.75	0.3100				
980056	37.75	39.00	0.1340				
980057	39.00	40.50	0.0530				
980058	48.00	49.10	0.0100				
980059	49.10	49.50	0.4930				
980061	49.50	50.00	0.0240				
980062	50.00	51.00	0.0260				
980063	51.00	52.50	0.0100				
980064	58.20	59.45	0.3570				
980065	66.00	67.50	0.0340				
980067	67.50	69.00	0.0110				
980068	69.00	70.50	0.0160				
980069	70.50	72.00	0.0090				
980071	72.00	73.50	0.0190				
980072	73.50	75.00	0.0220				
980073	75.00	76.50	0.0770				
980074	76.50	77.00	1.5440				
980075	77.00	78.00	0.0790				
980076	78.00	79.50	0.0740				
980077	79.50	81.00	0.0940				
980078	81.00	82.50	0.2230				
980079	82.50	84.00	0.2140				
980081	84.00	85.50	0.5100				

Hole Number: TL10113-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
980082	85.50	86.50	0.2400				
980083	86.50	87.50	0.8560				
980084	87.50	88.50	0.7440				
980085	88.50	90.00	0.5010				
980087	90.00	90.85	0.1860				
980088	90.85	92.00	0.5390				
980089	92.00	93.50	0.7480				
980091	93.50	95.00	0.0310				
980092	95.00	96.60	0.0390				
980093	96.60	98.00	0.0420				
980094	98.00	99.00	0.0340				
980095	99.00	100.00	0.0510				
980096	100.00	101.00	0.0150				
980097	101.00	102.00	0.0170				
980098	102.00	103.31	0.1260				
980099	103.31	105.00	0.0980				
980101	114.36	115.50	0.4010				
980102	115.50	116.50	0.8370				
980103	116.50	118.00	0.0810				
980104	118.00	119.50	1.1780				
980105	119.50	121.00	1.8050				
980107	121.00	122.00	0.8550				
980108	122.00	123.50	0.1030				
980109	123.50	125.00	0.0540				
980111	125.00	126.50	0.0830				
980112	126.50	128.00	0.0370				
980113	128.00	129.50	0.0950				
980114	129.50	131.00	0.4590				
980115	131.00	132.00	0.1570				
980116	132.00	133.50	0.0390				
980117	133.50	135.00	0.0110				
303083	153.00	154.00		0.0030			
303084	154.00	155.00		0.0030			
303085	155.00	156.00		0.0100			
303087	156.00	157.00		0.0030			
303088	157.00	158.00		0.0040			
303089	158.00	159.00		0.0090			
303091	159.00	160.00		0.0500			
1368461	160.00	161.50	0.4330				

Hole Number: TL10113-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1368462	161.50	162.50	0.9820				
1368463	162.50	164.00	0.0440				
1368464	164.00	165.50	0.0800				
1368465	165.50	167.00	0.0200				
1368467	167.00	168.50	0.0670				
1368468	168.50	170.00	0.1570				
1368469	170.00	171.00	0.0690				
1368471	171.00	172.00	0.3430				
1368472	172.00	173.50	0.2280				
1368473	173.50	175.00	0.0600				
1368474	175.00	176.50	0.0570				
1368475	176.50	178.00	0.0290				
1368476	178.00	179.00	0.0770				
1368477	179.00	180.00	0.0430				
1368478	180.00	181.50	0.0310				
1368479	181.50	182.50	0.0360				
1368481	182.50	184.00	0.0730				
1368482	199.50	201.00	0.0880				
1368483	201.00	202.00	0.9800				
1368484	202.00	203.00	0.1250				
1368485	203.00	204.00	0.4110				
1368487	204.00	205.50	0.0300				
1368488	205.50	207.00	1.0550				
1368489	207.00	207.90	2.3730				
1368491	207.90	208.90	0.4460				
1368492	208.90	210.40	0.8500				
1368493	210.40	210.90	5.8520				
1368494	210.90	211.90	0.3640				
1368495	211.90	212.80	0.5570				
1368496	212.80	213.30	1.6590				
1368497	213.30	214.80	0.4290				
1368498	214.80	215.90	0.7860				
1368499	215.90	216.90	0.1930				
1342151	216.90	217.90	0.1470				
1342152	217.90	218.50	18.0890			14.1610	
1342153	218.50	219.30	1.9630				
1342154	219.30	220.20	0.7890				
1342155	220.20	221.70	0.2560				
1342157	221.70	223.20	0.0690				

Hole Number: TL10113-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1342158	223.20	224.70	0.0220				
1342159	224.70	226.20	0.0950				
1342161	226.20	227.70	0.0370				
1342162	227.70	229.20	0.4620				
1342163	229.20	230.70	0.2360				
1342164	230.70	232.20	0.1070				
1342165	232.20	233.70	0.1680				
1342166	233.70	235.20	0.1160				
1342167	235.20	236.70	0.2540				
1342168	236.70	238.20	0.0300				
1342169	238.20	239.70	0.0830				
1342171	239.70	241.20	0.0130				
1342172	241.20	242.70	0.0240				
1342173	242.70	244.20	0.0100				
1342174	244.20	245.70	0.0060				
1342175	245.70	247.20	0.0080				
1342177	247.20	248.70	0.0100				
1342178	248.70	250.20	0.0060				
1342179	250.20	251.70	0.0140				
1342181	251.70	253.20	0.1570				
1342182	253.20	254.70	0.0020				
1342183	254.70	256.20	0.1340				
1342184	256.20	257.70	0.0350				
1342185	257.70	259.20	0.0160				
1342186	259.20	260.70	0.0130				
1342187	260.70	262.20	1.0380				
1342188	262.20	263.70	0.1590				
Sample Type	CDUP						
303066	16.00	17.00		0.0680			
980066	66.00	67.50	0.0280				
980086	88.50	90.00	0.8130				
980106	119.50	121.00	0.0620				
303086	155.00	156.00		0.0110			
1368466	165.50	167.00	0.0210				
1368486	203.00	204.00	0.0540				
1342156	220.20	221.70	0.2670				
1342176	245.70	247.20	0.0100				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL10113-13R	160.0	161.5	1368461	0.50	5.73	54.00	435.00	1.00	21.00	1.47	2.00	8.00	31.00	17.00	2.24	0.01	13.00	1.17	721.00
TL10113-13R	161.5	162.5	1368462	3.00	5.45	54.00	429.00	1.00	48.00	1.27	2.00	6.00	37.00	22.00	2.20	0.01	13.00	1.03	550.00
TL10113-13R	162.5	164.0	1368463	0.50	6.29	43.00	426.00	2.00	33.00	2.03	2.00	8.00	22.00	13.00	1.90	0.23	15.00	1.48	770.00
TL10113-13R	164.0	165.5	1368464	1.00	6.30	57.00	456.00	2.00	37.00	2.18	2.00	8.00	32.00	33.00	1.89	0.01	16.00	1.53	754.00
TL10113-13R	165.5	167.0	1368466	0.50	5.95	45.00	334.00	1.00	36.00	2.30	2.00	7.00	30.00	6.00	1.89	0.01	17.00	1.61	838.00
TL10113-13R	165.5	167.0	1368465	0.50	5.62	46.00	286.00	2.00	29.00	2.05	2.00	7.00	23.00	7.00	1.76	0.01	16.00	1.53	777.00
TL10113-13R	167.0	168.5	1368467	1.00	6.10	61.00	286.00	2.00	28.00	2.11	2.00	15.00	78.00	41.00	2.93	0.16	19.00	1.70	782.00
TL10113-13R	168.5	170.0	1368468	1.00	5.35	27.00	215.00	2.00	22.00	1.07	2.00	20.00	142.00	48.00	3.51	0.01	20.00	1.85	717.00
TL10113-13R	170.0	171.0	1368469	0.50	5.67	26.00	254.00	2.00	30.00	1.35	2.00	19.00	147.00	46.00	3.51	0.01	18.00	1.80	758.00
TL10113-13R	171.0	172.0	1368471	3.00	5.29	47.00	273.00	2.00	44.00	1.91	5.00	17.00	134.00	275.00	3.32	0.01	15.00	1.51	766.00
TL10113-13R	172.0	173.5	1368472	0.50	5.68	22.00	281.00	1.00	26.00	1.28	2.00	21.00	151.00	50.00	3.59	0.01	17.00	1.65	750.00
TL10113-13R	173.5	175.0	1368473	0.50	4.85	36.00	244.00	1.00	35.00	1.24	2.00	18.00	134.00	48.00	3.12	0.01	13.00	1.29	498.00
TL10113-13R	175.0	176.5	1368474	1.00	5.91	29.00	343.00	2.00	31.00	1.67	2.00	21.00	162.00	61.00	3.85	0.01	18.00	1.68	905.00
TL10113-13R	176.5	178.0	1368475	0.50	6.50	25.00	473.00	2.00	33.00	1.99	2.00	20.00	144.00	49.00	3.61	0.01	20.00	1.82	837.00
TL10113-13R	178.0	179.0	1368476	0.50	4.17	56.00	384.00	3.00	25.00	0.95	2.00	24.00	156.00	70.00	4.08	1.85	17.00	1.33	636.00
TL10113-13R	179.0	180.0	1368477	0.50	6.04	37.00	488.00	2.00	29.00	0.94	2.00	10.00	59.00	12.00	2.05	0.19	18.00	1.00	340.00
TL10113-13R	180.0	181.5	1368478	0.50	6.39	34.00	402.00	2.00	23.00	1.68	2.00	7.00	23.00	5.00	1.76	0.01	15.00	1.20	466.00
TL10113-13R	181.5	182.5	1368479	2.00	5.52	41.00	548.00	2.00	35.00	1.57	5.00	6.00	32.00	15.00	1.70	0.01	15.00	1.16	542.00
TL10113-13R	182.5	184.0	1368481	0.50	5.81	50.00	536.00	2.00	26.00	1.22	2.00	8.00	29.00	5.00	1.95	0.01	12.00	0.99	487.00
TL10113-13R	199.5	201.0	1368482	0.50	6.40	21.00	267.00	3.00	46.00	1.22	2.00	19.00	149.00	33.00	3.46	0.01	25.00	2.02	623.00
TL10113-13R	201.0	202.0	1368483	7.00	4.62	41.00	250.00	2.00	36.00	0.41	4.00	16.00	127.00	215.00	3.45	0.18	14.00	1.80	422.00
TL10113-13R	202.0	203.0	1368484	0.50	4.45	35.00	340.00	2.00	32.00	0.30	2.00	5.00	66.00	52.00	1.36	0.04	11.00	1.12	255.00
TL10113-13R	203.0	204.0	1368485	0.50	5.24	34.00	477.00	2.00	34.00	0.86	2.00	10.00	86.00	34.00	2.00	0.09	21.00	1.20	376.00
TL10113-13R	203.0	204.0	1368486	0.50	5.42	40.00	487.00	2.00	21.00	0.97	2.00	9.00	68.00	17.00	1.54	0.26	18.00	1.12	323.00
TL10113-13R	204.0	205.5	1368487	1.00	6.88	32.00	458.00	3.00	31.00	1.97	2.00	13.00	90.00	17.00	2.25	0.07	25.00	1.88	662.00
TL10113-13R	205.5	207.0	1368488	3.00	5.25	39.00	344.00	2.00	29.00	0.63	2.00	13.00	102.00	65.00	2.54	0.06	20.00	1.72	529.00
TL10113-13R	207.0	207.9	1368489	2.00	6.08	25.00	270.00	2.00	20.00	0.56	2.00	17.00	136.00	63.00	3.36	0.11	25.00	2.26	619.00
TL10113-13R	207.9	208.9	1368491	4.00	5.62	81.00	290.00	2.00	30.00	0.71	2.00	15.00	127.00	69.00	2.87	0.01	20.00	1.24	449.00
TL10113-13R	208.9	210.4	1368492	3.00	4.88	95.00	223.00	2.00	47.00	0.88	2.00	8.00	82.00	62.00	2.81	0.01	16.00	1.06	377.00
TL10113-13R	210.4	210.9	1368493	8.00	3.74	141.00	156.00	3.00	38.00	0.31	24.00	9.00	52.00	166.00	4.95	0.24	15.00	0.53	208.00
TL10113-13R	210.9	211.9	1368494	1.00	6.60	57.00	321.00	3.00	28.00	1.41	2.00	7.00	41.00	29.00	1.63	0.10	26.00	1.31	570.00
TL10113-13R	211.9	212.8	1368495	1.00	6.13	55.00	312.00	2.00	30.00	0.91	2.00	8.00	34.00	22.00	1.58	0.01	15.00	1.00	406.00
TL10113-13R	212.8	213.3	1368496	4.00	4.30	91.00	250.00	2.00	53.00	0.05	4.00	8.00	29.00	74.00	2.60	0.36	14.00	0.47	127.00
TL10113-13R	213.3	214.8	1368497	2.00	5.41	55.00	248.00	2.00	19.00	0.88	2.00	7.00	42.00	28.00	1.71	0.01	15.00	1.18	334.00
TL10113-13R	214.8	215.9	1368498	0.50	7.08	32.00	281.00	5.00	32.00	1.70	2.00	10.00	34.00	15.00	2.24	0.10	28.00	2.15	590.00
TL10113-13R	215.9	216.9	1368499	0.50	6.94	52.00	325.00	3.00	46.00	1.19	2.00	8.00	47.00	9.00	1.90	0.01	20.00	1.23	374.00
TL10113-13R	216.9	217.9	1342151	0.50	7.03	53.00	272.00	2.00	35.00	1.55	2.00	7.00	32.00	6.00	1.95	0.01	24.00	1.41	502.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL10113-13R	160.0	161.5	1368461	0.50	46.00	613.00	62.00	1.11	2.50	11.00	5.00	99.00	1685.00	1.00	31.00	5.00	8.00	158.00
TL10113-13R	161.5	162.5	1368462	0.50	49.00	481.00	466.00	1.18	2.50	11.00	5.00	85.00	1534.00	9.00	31.00	13.00	7.00	695.00
TL10113-13R	162.5	164.0	1368463	0.50	31.00	563.00	116.00	0.78	2.50	15.00	5.00	104.00	1701.00	17.00	31.00	5.00	8.00	356.00
TL10113-13R	164.0	165.5	1368464	0.50	46.00	644.00	55.00	0.61	2.50	2.50	5.00	102.00	1700.00	6.00	30.00	5.00	8.00	121.00
TL10113-13R	165.5	167.0	1368466	0.50	44.00	676.00	21.00	0.50	2.50	7.00	5.00	105.00	1612.00	8.00	29.00	5.00	8.00	49.00
TL10113-13R	165.5	167.0	1368465	0.50	25.00	545.00	20.00	0.37	2.50	12.00	5.00	97.00	1559.00	1.00	27.00	5.00	8.00	41.00
TL10113-13R	167.0	168.5	1368467	0.50	54.00	522.00	28.00	0.88	2.50	7.00	5.00	110.00	1904.00	22.00	48.00	5.00	11.00	164.00
TL10113-13R	168.5	170.0	1368468	0.50	81.00	459.00	33.00	0.42	2.50	9.00	5.00	93.00	2043.00	1.00	65.00	5.00	13.00	103.00
TL10113-13R	170.0	171.0	1368469	0.50	82.00	489.00	30.00	0.55	2.50	11.00	5.00	102.00	2088.00	1.00	70.00	5.00	13.00	61.00
TL10113-13R	171.0	172.0	1368471	0.50	75.00	355.00	786.00	1.20	2.50	5.00	5.00	112.00	1929.00	2.00	67.00	18.00	14.00	1340.00
TL10113-13R	172.0	173.5	1368472	0.50	90.00	540.00	29.00	0.03	2.50	10.00	11.00	120.00	2523.00	5.00	90.00	5.00	14.00	80.00
TL10113-13R	173.5	175.0	1368473	0.50	89.00	482.00	39.00	0.60	2.50	2.50	5.00	102.00	1869.00	2.00	70.00	5.00	13.00	149.00
TL10113-13R	175.0	176.5	1368474	0.50	110.00	577.00	49.00	1.17	2.50	11.00	5.00	117.00	2469.00	1.00	81.00	5.00	17.00	281.00
TL10113-13R	176.5	178.0	1368475	0.50	79.00	385.00	36.00	0.70	2.50	8.00	5.00	125.00	2527.00	4.00	84.00	5.00	17.00	124.00
TL10113-13R	178.0	179.0	1368476	0.50	127.00	387.00	61.00	1.10	2.50	7.00	5.00	84.00	2474.00	29.00	85.00	5.00	12.00	165.00
TL10113-13R	179.0	180.0	1368477	0.50	47.00	555.00	92.00	0.72	2.50	21.00	5.00	84.00	2081.00	1.00	49.00	5.00	9.00	170.00
TL10113-13R	180.0	181.5	1368478	0.50	30.00	511.00	23.00	1.12	2.50	15.00	5.00	102.00	1596.00	1.00	29.00	10.00	8.00	164.00
TL10113-13R	181.5	182.5	1368479	0.50	36.00	515.00	867.00	0.89	2.50	14.00	5.00	96.00	1463.00	1.00	29.00	26.00	7.00	1634.00
TL10113-13R	182.5	184.0	1368481	0.50	43.00	578.00	91.00	0.73	2.50	16.00	5.00	97.00	1860.00	3.00	35.00	5.00	7.00	77.00
TL10113-13R	199.5	201.0	1368482	0.50	89.00	457.00	32.00	0.34	2.50	18.00	5.00	113.00	2165.00	1.00	80.00	5.00	13.00	106.00
TL10113-13R	201.0	202.0	1368483	0.50	76.00	415.00	625.00	0.86	5.00	5.00	5.00	80.00	1250.00	2.00	67.00	18.00	10.00	1069.00
TL10113-13R	202.0	203.0	1368484	0.50	62.00	292.00	98.00	0.01	2.50	2.50	5.00	64.00	1005.00	1.00	29.00	5.00	8.00	291.00
TL10113-13R	203.0	204.0	1368485	2.00	73.00	532.00	41.00	0.16	2.50	16.00	5.00	74.00	1568.00	37.00	47.00	11.00	10.00	503.00
TL10113-13R	203.0	204.0	1368486	0.50	45.00	486.00	38.00	0.01	2.50	7.00	5.00	82.00	1493.00	1.00	43.00	5.00	10.00	88.00
TL10113-13R	204.0	205.5	1368487	0.50	64.00	508.00	52.00	0.48	2.50	12.00	5.00	128.00	1993.00	4.00	51.00	5.00	11.00	115.00
TL10113-13R	205.5	207.0	1368488	0.50	64.00	498.00	305.00	0.49	2.50	9.00	5.00	70.00	1931.00	1.00	54.00	5.00	10.00	432.00
TL10113-13R	207.0	207.9	1368489	0.50	76.00	337.00	262.00	0.80	10.00	19.00	11.00	70.00	2200.00	1.00	70.00	17.00	11.00	418.00
TL10113-13R	207.9	208.9	1368491	0.50	74.00	458.00	353.00	1.07	2.50	19.00	5.00	65.00	1909.00	1.00	70.00	11.00	11.00	490.00
TL10113-13R	208.9	210.4	1368492	3.00	79.00	510.00	483.00	1.62	2.50	18.00	5.00	72.00	1269.00	1.00	38.00	16.00	8.00	623.00
TL10113-13R	210.4	210.9	1368493	0.50	62.00	378.00	992.00	4.07	5.00	2.50	10.00	48.00	975.00	1.00	27.00	92.00	7.00	8577.00
TL10113-13R	210.9	211.9	1368494	0.50	52.00	527.00	139.00	0.59	7.00	25.00	5.00	68.00	1809.00	1.00	38.00	14.00	7.00	367.00
TL10113-13R	211.9	212.8	1368495	0.50	42.00	503.00	86.00	0.56	2.50	16.00	5.00	68.00	1716.00	12.00	36.00	11.00	7.00	279.00
TL10113-13R	212.8	213.3	1368496	0.50	47.00	486.00	202.00	1.55	2.50	15.00	12.00	40.00	1489.00	1.00	31.00	18.00	6.00	932.00
TL10113-13R	213.3	214.8	1368497	0.50	48.00	488.00	191.00	0.56	5.00	20.00	5.00	66.00	1559.00	16.00	34.00	13.00	7.00	443.00
TL10113-13R	214.8	215.9	1368498	0.50	36.00	625.00	60.00	0.46	2.50	18.00	5.00	92.00	1919.00	5.00	41.00	5.00	8.00	62.00
TL10113-13R	215.9	216.9	1368499	0.50	65.00	509.00	119.00	0.66	5.00	8.00	10.00	79.00	1735.00	31.00	39.00	13.00	8.00	333.00
TL10113-13R	216.9	217.9	1342151	0.50	40.00	587.00	76.00	1.16	5.00	15.00	11.00	92.00	1499.00	38.00	32.00	5.00	7.00	84.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL10113-13R	217.9	218.5	1342152	25.00	5.37	121.00	194.00	2.00	20.00	0.76	27.00	6.00	59.00	321.00	2.47	0.27	22.00	0.82	326.00
TL10113-13R	218.5	219.3	1342153	5.00	6.10	100.00	254.00	3.00	27.00	0.85	2.00	9.00	48.00	44.00	2.98	0.01	24.00	1.02	297.00
TL10113-13R	219.3	220.2	1342154	4.00	5.39	83.00	272.00	2.00	34.00	0.51	2.00	10.00	60.00	27.00	1.89	0.07	13.00	0.70	168.00
TL10113-13R	220.2	221.7	1342156	1.00	6.86	53.00	360.00	2.00	20.00	0.55	2.00	19.00	175.00	45.00	3.60	0.01	26.00	2.12	604.00
TL10113-13R	220.2	221.7	1342155	1.00	6.54	52.00	314.00	3.00	45.00	0.58	2.00	18.00	156.00	45.00	3.55	0.01	25.00	2.16	612.00
TL10113-13R	221.7	223.2	1342157	0.50	6.80	35.00	426.00	3.00	52.00	1.30	2.00	7.00	42.00	3.00	1.85	0.01	16.00	1.28	414.00
TL10113-13R	223.2	224.7	1342158	0.50	7.25	40.00	494.00	4.00	24.00	1.67	2.00	12.00	85.00	14.00	2.25	0.01	21.00	1.58	494.00
TL10113-13R	224.7	226.2	1342159	1.00	6.91	52.00	319.00	3.00	30.00	1.30	2.00	14.00	126.00	42.00	2.81	0.32	25.00	1.42	588.00
TL10113-13R	226.2	227.7	1342161	0.50	6.35	49.00	312.00	2.00	28.00	2.81	2.00	10.00	40.00	33.00	2.26	0.35	26.00	1.78	978.00
TL10113-13R	227.7	229.2	1342162	2.00	6.68	26.00	360.00	3.00	44.00	0.74	2.00	19.00	156.00	47.00	3.47	0.46	25.00	1.80	641.00
TL10113-13R	229.2	230.7	1342163	2.00	4.71	89.00	198.00	2.00	36.00	1.26	2.00	16.00	126.00	44.00	3.23	0.24	13.00	1.25	586.00
TL10113-13R	230.7	232.2	1342164	1.00	6.41	44.00	327.00	3.00	46.00	0.94	2.00	19.00	151.00	85.00	3.51	0.23	17.00	1.21	432.00
TL10113-13R	232.2	233.7	1342165	5.00	6.19	37.00	354.00	4.00	34.00	0.54	8.00	23.00	151.00	231.00	3.41	0.01	18.00	0.91	270.00
TL10113-13R	233.7	235.2	1342166	1.00	5.99	35.00	304.00	3.00	22.00	1.22	2.00	20.00	154.00	67.00	3.65	0.62	21.00	1.46	777.00
TL10113-13R	235.2	236.7	1342167	0.50	5.89	78.00	430.00	3.00	31.00	0.90	2.00	12.00	77.00	37.00	2.31	0.05	24.00	1.08	492.00
TL10113-13R	236.7	238.2	1342168	0.50	5.94	28.00	564.00	4.00	38.00	1.25	2.00	8.00	38.00	19.00	1.55	0.01	30.00	1.26	589.00
TL10113-13R	238.2	239.7	1342169	0.50	5.41	65.00	531.00	1.00	30.00	1.54	2.00	10.00	68.00	17.00	2.13	0.06	28.00	1.34	507.00
TL10113-13R	239.7	241.2	1342171	0.50	5.50	33.00	510.00	2.00	36.00	1.83	2.00	7.00	29.00	2.00	1.82	0.01	31.00	1.70	477.00
TL10113-13R	241.2	242.7	1342172	0.50	6.17	32.00	547.00	3.00	38.00	1.86	2.00	7.00	58.00	4.00	1.74	0.01	23.00	1.30	382.00
TL10113-13R	242.7	244.2	1342173	0.50	5.30	26.00	348.00	2.00	23.00	1.89	2.00	7.00	32.00	3.00	1.56	0.01	20.00	1.26	329.00
TL10113-13R	244.2	245.7	1342174	0.50	6.22	23.00	452.00	4.00	30.00	2.10	2.00	8.00	29.00	2.00	1.69	0.14	19.00	1.21	306.00
TL10113-13R	245.7	247.2	1342176	0.50	6.10	19.00	457.00	2.00	31.00	2.36	2.00	8.00	46.00	3.00	2.00	0.03	18.00	1.17	342.00
TL10113-13R	245.7	247.2	1342175	0.50	6.03	20.00	461.00	2.00	31.00	2.28	2.00	9.00	56.00	3.00	1.97	0.01	16.00	1.08	319.00
TL10113-13R	247.2	248.7	1342177	0.50	5.37	27.00	441.00	4.00	26.00	2.19	2.00	8.00	53.00	3.00	1.85	0.01	15.00	1.01	341.00
TL10113-13R	248.7	250.2	1342178	0.50	6.50	26.00	418.00	2.00	30.00	3.41	2.00	9.00	47.00	4.00	2.25	0.05	21.00	1.74	609.00
TL10113-13R	250.2	251.7	1342179	0.50	5.56	23.00	393.00	2.00	40.00	2.23	2.00	7.00	45.00	3.00	1.72	0.01	18.00	1.27	362.00
TL10113-13R	251.7	253.2	1342181	0.50	5.52	24.00	332.00	3.00	57.00	1.92	2.00	8.00	47.00	2.00	1.86	0.01	31.00	1.52	393.00
TL10113-13R	253.2	254.7	1342182	0.50	5.83	21.00	346.00	3.00	22.00	2.57	2.00	8.00	46.00	5.00	1.83	0.01	17.00	1.36	415.00
TL10113-13R	254.7	256.2	1342183	0.50	3.80	29.00	242.00	3.00	35.00	2.28	2.00	6.00	46.00	15.00	1.66	0.01	11.00	1.27	572.00
TL10113-13R	256.2	257.7	1342184	0.50	6.60	34.00	439.00	3.00	25.00	2.24	2.00	7.00	54.00	11.00	1.82	0.01	20.00	1.28	488.00
TL10113-13R	257.7	259.2	1342185	0.50	7.00	27.00	454.00	4.00	31.00	2.61	2.00	7.00	58.00	5.00	1.95	0.01	22.00	1.48	559.00
TL10113-13R	259.2	260.7	1342186	0.50	5.85	22.00	343.00	1.00	18.00	3.00	2.00	7.00	51.00	14.00	2.08	0.15	16.00	1.87	853.00
TL10113-13R	260.7	262.2	1342187	1.00	5.60	18.00	336.00	3.00	31.00	1.85	2.00	16.00	141.00	50.00	3.26	0.13	26.00	1.74	922.00
TL10113-13R	262.2	263.7	1342188	2.00	6.17	31.00	405.00	4.00	38.00	2.40	2.00	18.00	150.00	116.00	3.65	0.23	22.00	1.58	857.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL10113-13R	217.9	218.5	1342152	13.00	77.00	522.00	2504.00	2.13	21.00	8.00	5.00	60.00	1216.00	4.00	29.00	104.00	7.00	9722.00
TL10113-13R	218.5	219.3	1342153	1.00	65.00	568.00	435.00	1.84	9.00	15.00	5.00	72.00	1321.00	1.00	35.00	16.00	7.00	632.00
TL10113-13R	219.3	220.2	1342154	0.50	57.00	515.00	203.00	0.94	7.00	16.00	5.00	65.00	1294.00	1.00	48.00	11.00	7.00	232.00
TL10113-13R	220.2	221.7	1342156	0.50	104.00	623.00	73.00	0.85	2.50	14.00	5.00	69.00	2226.00	1.00	94.00	10.00	10.00	115.00
TL10113-13R	220.2	221.7	1342155	0.50	92.00	616.00	71.00	0.88	2.50	18.00	5.00	69.00	2050.00	19.00	84.00	5.00	10.00	126.00
TL10113-13R	221.7	223.2	1342157	0.50	46.00	497.00	61.00	0.66	2.50	16.00	5.00	107.00	1467.00	16.00	31.00	5.00	7.00	99.00
TL10113-13R	223.2	224.7	1342158	0.50	54.00	576.00	104.00	0.77	9.00	21.00	11.00	137.00	1784.00	28.00	53.00	5.00	8.00	145.00
TL10113-13R	224.7	226.2	1342159	1.00	88.00	531.00	59.00	1.26	2.50	7.00	5.00	97.00	1776.00	1.00	68.00	5.00	10.00	112.00
TL10113-13R	226.2	227.7	1342161	0.50	41.00	449.00	34.00	0.15	5.00	20.00	5.00	119.00	1833.00	57.00	40.00	5.00	7.00	82.00
TL10113-13R	227.7	229.2	1342162	4.00	103.00	679.00	81.00	0.54	2.50	18.00	5.00	72.00	2563.00	15.00	82.00	5.00	11.00	262.00
TL10113-13R	229.2	230.7	1342163	0.50	81.00	418.00	109.00	1.15	2.50	14.00	5.00	100.00	1277.00	1.00	61.00	5.00	11.00	148.00
TL10113-13R	230.7	232.2	1342164	0.50	100.00	570.00	112.00	0.92	2.50	2.50	10.00	129.00	1510.00	1.00	81.00	12.00	11.00	260.00
TL10113-13R	232.2	233.7	1342165	0.50	95.00	632.00	432.00	1.14	5.00	19.00	5.00	104.00	1649.00	1.00	83.00	23.00	12.00	1980.00
TL10113-13R	233.7	235.2	1342166	0.50	82.00	639.00	78.00	0.83	2.50	14.00	5.00	98.00	2257.00	1.00	90.00	5.00	15.00	118.00
TL10113-13R	235.2	236.7	1342167	0.50	67.00	422.00	59.00	0.94	2.50	2.50	14.00	85.00	1815.00	1.00	53.00	13.00	9.00	81.00
TL10113-13R	236.7	238.2	1342168	0.50	42.00	531.00	38.00	0.09	2.50	19.00	5.00	88.00	1861.00	6.00	39.00	11.00	7.00	92.00
TL10113-13R	238.2	239.7	1342169	0.50	59.00	515.00	60.00	0.93	2.50	8.00	5.00	96.00	1732.00	38.00	46.00	5.00	9.00	190.00
TL10113-13R	239.7	241.2	1342171	0.50	38.00	484.00	28.00	0.18	5.00	8.00	5.00	132.00	1704.00	1.00	34.00	5.00	7.00	42.00
TL10113-13R	241.2	242.7	1342172	3.00	90.00	546.00	43.00	0.24	2.50	12.00	5.00	176.00	1869.00	1.00	36.00	5.00	7.00	167.00
TL10113-13R	242.7	244.2	1342173	0.50	36.00	560.00	18.00	0.23	2.50	11.00	5.00	152.00	1536.00	35.00	28.00	5.00	7.00	38.00
TL10113-13R	244.2	245.7	1342174	0.50	39.00	492.00	19.00	0.01	5.00	2.50	5.00	168.00	1818.00	8.00	36.00	5.00	7.00	48.00
TL10113-13R	245.7	247.2	1342176	0.50	65.00	475.00	19.00	0.01	2.50	12.00	5.00	151.00	1828.00	16.00	37.00	5.00	7.00	48.00
TL10113-13R	245.7	247.2	1342175	2.00	84.00	490.00	18.00	0.01	2.50	13.00	5.00	151.00	1787.00	27.00	37.00	5.00	7.00	48.00
TL10113-13R	247.2	248.7	1342177	3.00	86.00	467.00	16.00	0.01	2.50	22.00	5.00	138.00	1750.00	4.00	37.00	5.00	6.00	45.00
TL10113-13R	248.7	250.2	1342178	0.50	66.00	579.00	15.00	0.01	2.50	15.00	5.00	171.00	1765.00	7.00	36.00	5.00	8.00	60.00
TL10113-13R	250.2	251.7	1342179	0.50	66.00	547.00	18.00	0.01	2.50	7.00	5.00	138.00	1498.00	1.00	30.00	5.00	7.00	48.00
TL10113-13R	251.7	253.2	1342181	0.50	68.00	561.00	16.00	0.08	2.50	26.00	5.00	105.00	1702.00	1.00	32.00	5.00	7.00	38.00
TL10113-13R	253.2	254.7	1342182	0.50	69.00	641.00	17.00	0.01	2.50	8.00	5.00	129.00	1571.00	1.00	34.00	5.00	7.00	53.00
TL10113-13R	254.7	256.2	1342183	0.50	66.00	378.00	32.00	0.01	2.50	9.00	5.00	101.00	1161.00	3.00	24.00	5.00	5.00	55.00
TL10113-13R	256.2	257.7	1342184	2.00	84.00	519.00	26.00	0.76	2.50	24.00	5.00	121.00	1683.00	1.00	33.00	5.00	8.00	40.00
TL10113-13R	257.7	259.2	1342185	3.00	92.00	514.00	23.00	0.56	2.50	11.00	5.00	122.00	1527.00	2.00	33.00	5.00	8.00	37.00
TL10113-13R	259.2	260.7	1342186	0.50	69.00	580.00	41.00	0.19	2.50	11.00	5.00	131.00	1486.00	14.00	34.00	5.00	8.00	100.00
TL10113-13R	260.7	262.2	1342187	3.00	105.00	520.00	66.00	0.87	2.50	10.00	5.00	117.00	2175.00	1.00	71.00	5.00	14.00	224.00
TL10113-13R	262.2	263.7	1342188	0.50	90.00	405.00	228.00	0.96	2.50	2.50	5.00	141.00	2378.00	2.00	84.00	11.00	17.00	579.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL10113-13RE	7.2	32.0	24.8	PY	DISS	3	2-3% Diss pyrite with rare; localized bands parallel to foliation
TL10113-13RE	32.0	39.0	7.0	PY	DISS	4	4% Diss pyrite with abundant; localized bands parallel to foliation
TL10113-13RE	36.0	39.0	3.0	SPH	ST	1	Sphalerite stringers parallel to foliation; locally associated with qz-carb veins. Found in locations of increased sulfide mineralization.
TL10113-13RE	36.0	39.0	3.0	PB	DISS	0.1	Trace Galena typically associated with the sphalerite.
TL10113-13RE	39.0	49.0	10.0	PY	DISS	2	1-2% pyrite with rare; rare localized blebs and bands parallel to foliation
TL10113-13RE	49.1	50.5	1.4	SPH	ST	1	Sphalerite stringers parallel to foliation; locally associated F2 Folds. Trace Gn found throughout.
TL10113-13RE	49.3	49.4	0.1	SPH	ST	10	10% sphalerite in local area of stringers; trace galena found throughout. Concentrated in nose and limbs of F2 fold.
TL10113-13RE	50.5	58.5	8.0	PY	DISS	2	1-2% pyrite with rare; rare localized blebs and bands parallel to foliation.
TL10113-13RE	50.5	81.0	30.5	PO	BLB	0.1	Trace pyrrhotite in rare localized blebs and sulfide stringers.
TL10113-13RE	50.5	81.0	30.5	SPH	ST	0.1	Trace Sphalerite in rare localized stringers parallel to foliation.
TL10113-13RE	58.5	81.0	22.5	PY	DISS	3	2-4% pyrite with abundant localized bands; parallel to foliation.
TL10113-13RE	76.7	76.7	0.0	SPH	ST	7	
TL10113-13RE	76.7	76.7	0.0	PY	ST	40	40% Semi-massive stringer parallel to foliation. Also contains sph; gn; and ccp
TL10113-13RE	76.7	76.7	0.0	PB	DISS	1	
TL10113-13RE	76.7	76.7	0.0	CP	DISS	0.1	
TL10113-13RE	81.0	103.3	22.3	PY	DISS	3	2-3% diss. pyrite with rare; local blebs and bands parallel to foliation.
TL10113-13RE	81.0	103.3	22.3	PB	DISS	0.1	Trace galena associated with sphalerite stringers
TL10113-13RE	81.0	103.3	22.3	SPH	ST	1	Rare; local stringers of sph parallel to foliation
TL10113-13RE	86.9	87.0	0.1	SPH	ST	20	Higher concentrated sphalerite stringer parallel to foliation. Diss. galena found within
TL10113-13RE	103.3	114.4	11.1	PY	DISS	2	2-3% diss. pyrite with rare; local pyrite bands
TL10113-13RE	108.2	108.2	0.0	SPH	ST	10	Local band of sphalerite
TL10113-13RE	114.4	132.0	17.6	PY	DISS	2	1-2 % diss. pyrite. Rare localized bands parallel to foliation
TL10113-13RE	114.4	132.0	17.6	SPH	ST	1	Rare; local stringers of sph parallel to foliation. Individual stringers may be 10-20%
TL10113-13RE	114.4	132.0	17.6	PB	DISS	0.1	Trace galena associated with sphalerite stringers
TL10113-13RE	132.0	147.0	15.0	PY	DISS	2	1-2% diss. pyrite with rare; local blebs and stringers parallel to foliation.
TL10113-13RE	132.0	147.0	15.0	PO	DISS	0	Trace Pyrrhotite associated with pyrite stringers
TL10113-13RE	147.0	207.4	60.4	PY	DISS	1	1% disseminated py throughout the interval
TL10113-13RE	147.0	207.4	60.4	PY	ST	2	2% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL10113-13RE	147.0	207.4	60.4	SPH	ST	0.1	Trace to 1% sph in 1-5mm wide stringers oriented semi-parallel to foliation, some condensed stringers in altered sections w/ ser

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL10113-13RE	147.0	207.4	60.4	PB	BLB	0.1	Trace gal blebs associated w/ sph
TL10113-13RE	147.0	207.4	60.4	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-amph veins and occasionally w/ sph and gal
TL10113-13RE	207.4	220.2	12.8	PB	BLB	0.1	Trace gal blebs typically found w/ sph but also in milky white qtz veins w/ cpy and Au
TL10113-13RE	207.4	220.2	12.8	PY	DISS	2	2% disseminated py throughout the interval
TL10113-13RE	207.4	220.2	12.8	PY	ST	3	3% py in 1-9mm wide stringers oriented semi-parallel to foliation
TL10113-13RE	207.4	220.2	12.8	CP	BLB	0.1	Trace cpy blebs in and along margins of qtz veins, sometimes associated w/ gal and sph
TL10113-13RE	207.4	220.2	12.8	SPH	ST	2	2% sph in 1-6mm wide stringers oriented semi-parallel to foliation
TL10113-13RE	210.5	210.6	0.2	AU	BLB	0.1	Trace Au in 2 specks <1mm in size found at 210.55m in smokey grey qtz vein w/ gal, sph and py
TL10113-13RE	213.0	213.1	0.1	AU	BLB	0.1	Possible Trace Au in 1 speck <1mm in size found at 213.08m in smokey grey qtz vein between 2 py stringers
TL10113-13RE	218.4	218.4	0.1	AU	BLB	0.1	Trace Au in 1 speck 2mm wide found at 218.38m in irregular milky white qtz vein w/ minor epid alt found w/ minor sph, gal and py
TL10113-13RE	220.2	243.0	22.8	PY	ST	3	3% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL10113-13RE	220.2	306.0	85.8	PY	DISS	0.1	Trace to 1% disseminated py
TL10113-13RE	220.2	306.0	85.8	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz/qtz-amph veins and w/ po in stringers
TL10113-13RE	220.2	306.0	85.8	PO	BLB	0.1	Trace po blebs in and along margins of qtz-amph and qtz veins
TL10113-13RE	220.2	306.0	85.8	PO	ST	0.1	Trace po in 1-3mm wide stringers orientes semi-parallel to foliation
TL10113-13RE	220.2	306.0	85.8	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL10113-13RE	243.0	306.0	63.0	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL10113-13RE	7.2	81.0	73.8	FR		15	Local shallow fracture set with irregular margins. 0 - 25 deg. TCA. Often infilled with qz and sulfides.
TL10113-13RE	7.2	81.0	73.8	SCHS		42	
TL10113-13RE	7.2	81.0	73.8	FOL		42	39 - 44 deg. TCA
TL10113-13RE	16.9	17.0	0.1	Fold		40	F2 fold; axial plane 40 deg. TCA; When reorientated by eye; fold plunges to the SW.
TL10113-13RE	17.4	17.5	0.1	Fold		20	F2 fold; axial plane 20 degrees TCA; When reorientating core by eye; fold seems to be plunging to the SW.
TL10113-13RE	35.3	35.3	0.1	FTZ		42	Small fault at 42 deg. TCA; infilled with weakly lithified sericitized clay gouge. Surrounding rock shows weak sericitization; silicification; and hematite staining.
TL10113-13RE	35.6	35.7	0.0	FTZ		42	Small fault at 42 deg. TCA; infilled with weakly lithified sericitized clay gouge. Surrounding rock shows weak sericitization; silicification; and hematite staining.
TL10113-13RE	37.4	37.4	0.0	FTZ		70	Small fault at 70 deg. TCA; infilled with weakly lithified sericitized clay gouge. Surrounding rock shows weak sericitization and silicification.
TL10113-13RE	49.3	49.3	0.0	Fold		20	F2 fold; axial plane 20 deg. TCA; increased mineralization with possible Sph and Gn
TL10113-13RE	52.0	52.0	0.0	Fold		20	F2 fold; axial plane 20 deg. TCA; increased mineralization with possible Sph and Gn
TL10113-13RE	52.0	54.5	2.5	FR		55	Fracture set at 55 deg. TCA; crosscutting foliation; infilled with Tourmaline? and minor chl?
TL10113-13RE	81.0	103.3	22.3	FOL		45	45 deg. TCA
TL10113-13RE	81.0	103.3	22.3	FR		15	Local fracture set of rare; 1-5mm wide; irregular; shallow orientated TCA fractures cross-cutting foliation. Often filled with qz-carb
TL10113-13RE	81.0	103.3	22.3	SCHS		45	
TL10113-13RE	81.4	81.4	0.0	Fold		20	F2 fold; 20 deg. TCA
TL10113-13RE	83.0	83.1	0.1	Fold		25	F2 fold boudinaged around a qz vein; axial plane 25 deg. TCA; could not determine plunge
TL10113-13RE	103.3	114.4	11.1	SCHS			
TL10113-13RE	103.3	114.4	11.1	FR		15	Local fracture set of rare; 1-5mm wide; irregular; shallow orientated TCA fractures cross-cutting foliation. Often filled with qz-carb
TL10113-13RE	103.3	114.4	11.1	FOL		45	45deg. TCA
TL10113-13RE	111.0	114.4	3.4	FR		45	Fracture set of 1-2mm wide; 15-60 deg TCA cross-cutting and offsetting foliation by 1-5mm.
TL10113-13RE	114.4	132.0	17.6	SCHS			
TL10113-13RE	114.4	132.0	17.6	FR		10	Rare; shallow fracture set 0-15deg from TCA. Typically infilled with qz-carb.
TL10113-13RE	114.4	132.0	17.6	FOL		47	45-49 deg. TCA

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL10113-13RE	132.0	147.0	15.0	SCHS			
TL10113-13RE	132.0	147.0	15.0	FR		20	Fracture package; irregular pattern with most shallow TCA; some up to 45 deg. TCA
TL10113-13RE	132.0	147.0	15.0	FOL		44	44 deg. TCA
TL10113-13RE	133.4	133.5	0.1	Fold		22	F2; axial plane 22 deg. TCA; unable to determine plunge
TL10113-13RE	147.0	151.5	4.5	FOL	Strong	50	Strong foliation at 50 deg TCA
TL10113-13RE	147.0	207.4	60.4	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL10113-13RE	147.0	207.4	60.4	FR	Weak	60	Weak fracture set cross cutting foliation at 60 deg TCA
TL10113-13RE	150.6	151.0	0.4	FTZ	Moderate		Moderate fault zone infilled w/ gouge, no preferred orientation
TL10113-13RE	151.5	163.0	11.6	FOL	Strong	45	Strong foliation at 45 deg TCA
TL10113-13RE	163.0	180.0	17.0	FOL	Strong	50	Strong foliation at 50 deg TCA w/ some minor sections (<1m in length) at 45 deg
TL10113-13RE	168.0	174.0	6.0	FTZ	Weak	50	Weak fault zone oriented semi-parallel to foliation, broken up core in this interval
TL10113-13RE	180.0	207.4	27.4	FOL	Strong	50	Strong foliation at 50 deg TCA w/ some minor sections (<1m in length) at 45 deg
TL10113-13RE	197.4	207.0	9.6	FTZ	Strong		Strong fault zone, may correspond to the NW regional fault
TL10113-13RE	207.4	214.7	7.3	FOL	Strong	50	Strong foliation at 50 deg TCA
TL10113-13RE	207.4	220.2	12.8	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL10113-13RE	207.4	220.2	12.8	FR	Very Weak	20	V. weak shallow fracture set cross cutting foliation at 20 deg TCA
TL10113-13RE	214.7	220.2	5.5	FOL	Strong	55	Strong foliation at 55 deg TCA
TL10113-13RE	220.2	306.0	85.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL10113-13RE	220.2	306.0	85.8	FR	Very Weak	35	V. weak fracture set cross cutting foliation at 35 deg TCA
TL10113-13RE	234.0	240.0	6.0	FTZ	Very Strong		V. strong fault zone w/ lots of rubble and infilled w/ gouge

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL10113-13RE	7.2	16.0	8.8	SR	Patchy	Strong	Patchy semi-pervasive sericite; 70% with 30% biotite bands
TL10113-13RE	16.0	32.0	16.0	SR	Patchy	Weak	Patchy semi-pervasive sericite; 40% with 60% biotite
TL10113-13RE	16.0	32.0	16.0	CH	Patchy	Weak	Local patchy chl +/- epi bands; associated with silicified qz veins
TL10113-13RE	32.0	38.0	6.0	Hem	Patchy	Weak	Local hem bands.
TL10113-13RE	32.0	38.0	6.0	SR	Patchy	Very Strong	Patchy semi-pervasive sericite; 80% sericite with 20% biotite bands. Local hematite bands
TL10113-13RE	38.0	47.0	9.0	SR	Patchy	Moderate	Patchy semi-pervasive sericite; 50/50 sr and bio
TL10113-13RE	47.0	52.5	5.5	SR	Patchy	Strong	Patch semi-pervasive sericite; 80% sr and 20% bio. In small intervals with F2 folds
TL10113-13RE	47.0	52.5	5.5	SI	Pervasive	Moderate	Pervasive silicification; abundant qz veins
TL10113-13RE	47.0	81.0	34.0	SR	Patchy	Strong	Patch semi-pervasive sericite; 50/50 sr and bio; increasing downhole to 70% sr near contact.
TL10113-13RE	81.0	90.9	9.9	SR	Patchy	Strong	Patchy semi-pervasive sericite; 75% sr and 25% bio bands
TL10113-13RE	90.9	96.6	5.8	SR	Patchy	Moderate	Patchy semi-pervasive sericite; 50% sr and 50% bio bands
TL10113-13RE	96.6	100.0	3.4	SR	Patchy	Strong	Patchy semi-pervasive sericite; 75% sr and 25% bio bands
TL10113-13RE	100.0	103.3	3.3	SR	Patchy	Moderate	Patchy semi-pervasive sericite; 60% sr and 40% bio bands
TL10113-13RE	103.3	114.4	11.1	SR	Patchy	Weak	Patchy semi-pervasive sericite; 30% sr and 70% bio bands 1 local section with stronger sericitization
TL10113-13RE	114.4	132.0	17.6	SR	Patchy	Strong	Patchy semi-pervasive sericite; 80% sr and 20% bio bands.
TL10113-13RE	122.0	123.0	1.0	CH	Pervasive	Weak	Weak green chl/epi overprinting on sericitization.
TL10113-13RE	124.0	129.5	5.5	SR	Patchy	Moderate	Patchy semi-pervasive sericite; small area of slightly less sericitization; 60% sr and 40% bio bands.
TL10113-13RE	132.0	147.0	15.0	SR	Patchy	Moderate	Patchy semi-pervasive sericite; 45% sr and 55% bio bands
TL10113-13RE	132.0	147.0	15.0	CH	Patchy	Moderate	Patchy chlorite alteration in bands parallel to foliation. Some fracture controlled. Bands often have a 1-2cm alteration halo with a purple-brown colour tendency.
TL10113-13RE	147.0	162.4	15.4	SR	Patchy	Weak	Weak patchy ser alt, 20% ser to 80% bio
TL10113-13RE	147.0	168.0	21.0	CH	Patchy	Very Weak	V. weak patchy chl alt
TL10113-13RE	147.0	180.0	33.0	SI	Patchy	Weak	Weak to moderate patchy silicification
TL10113-13RE	162.4	181.2	18.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL10113-13RE	180.0	207.4	27.4	SI	Patchy	Strong	Strong patchy silicification
TL10113-13RE	181.2	184.2	3.0	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL10113-13RE	184.2	207.4	23.2	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL10113-13RE	207.4	214.0	6.6	SR	Patchy	Very Strong	V. strong patchy ser alt 80% ser to 20% bio
TL10113-13RE	207.4	220.2	12.8	SI	Patchy	Weak	Weak patchy sil alt
TL10113-13RE	214.0	216.0	2.0	SR	Patchy	Very Weak	V. weak patch of ser alt 15% ser to 85% bio
TL10113-13RE	216.0	220.2	4.2	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL10113-13RE	220.2	235.0	14.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL10113-13RE	220.2	248.4	28.2	SI	Patchy	Moderate	Moderate patchy sil alt

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL10113-13RE	235.0	240.2	5.2	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio, hard to predict due to large fault zone
TL10113-13RE	240.2	306.0	65.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL10113-13RE	248.4	306.0	57.6	SI	Patchy	Strong	Strong patchy sil alt

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL10113-13RE	150	153	3	2.96	2.38	98.67	79.33	18	
TL10113-13RE	153	156	3	2.96	2.91	98.67	97	5	
TL10113-13RE	156	159	3	3.04	2.62	101.33	87.33	12	
TL10113-13RE	159	162	3	2.93	2.93	97.67	97.67	6	
TL10113-13RE	162	165	3	2.92	2.79	97.33	93	7	
TL10113-13RE	165	168	3	3	2.65	100	88.33	13	
TL10113-13RE	168	171	3	3.02	1.35	100.67	45	24	
TL10113-13RE	171	174	3	2.81	1.77	93.67	59	21	
TL10113-13RE	174	177	3	3.03	2.89	101	96.33	18	
TL10113-13RE	177	180	3	3.03	2.34	101	78	20	
TL10113-13RE	180	183	3	2.97	2.67	99	89	10	
TL10113-13RE	183	186	3	2.97	2.9	99	96.67	12	
TL10113-13RE	186	189	3	3.01	2.86	100.33	95.33	12	
TL10113-13RE	189	192	3	3.01	2.71	100.33	90.33	10	
TL10113-13RE	192	195	3	3.01	1.56	100.33	52	19	
TL10113-13RE	195	198	3	3.06	0.98	102	32.67	50	srp
TL10113-13RE	198	201	3	2.98	0.21	99.33	7	50	srp
TL10113-13RE	201	204	3	1.5	0.26	50	8.67	50	missing core rps
TL10113-13RE	204	207	3	2.9	1.48	96.67	49.33	50	srp
TL10113-13RE	207	210	3	2.97	2.15	99	71.67	20	
TL10113-13RE	210	213	3	2.99	1.66	99.67	55.33	22	
TL10113-13RE	213	216	3	2.99	2.34	99.67	78	20	
TL10113-13RE	216	219	3	3.06	2.23	102	74.33	14	
TL10113-13RE	219	222	3	2.9	2.41	96.67	80.33	17	
TL10113-13RE	222	225	3	2.98	2.83	99.33	94.33	9	
TL10113-13RE	225	228	3	3.02	2.82	100.67	94	11	
TL10113-13RE	228	231	3	3	2.03	100	67.67	17	
TL10113-13RE	231	234	3	2.87	1.58	95.67	52.67	34	
TL10113-13RE	234	237	3	2.94	0.18	98	6	50	lrp
TL10113-13RE	237	240	3	3.08	0	102.67	0	50	lrp
TL10113-13RE	240	243	3	2.85	0.88	95	29.33	50	srp
TL10113-13RE	243	246	3	3	1.74	100	58	20	
TL10113-13RE	246	249	3	2.99	2.76	99.67	92	7	
TL10113-13RE	249	252	3	3.09	2.69	103	89.67	20	
TL10113-13RE	252	255	3	3.08	2.79	102.67	93	10	
TL10113-13RE	255	258	3	2.89	2.7	96.33	90	8	
TL10113-13RE	258	261	3	2.97	1.91	99	63.67	13	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL10113-13RE	261	264	3	3.02	1.87	100.67	62.33	24	
TL10113-13RE	264	267	3	3.01	2.78	100.33	92.67	7	
TL10113-13RE	267	270	3	2.99	2.78	99.67	92.67	11	
TL10113-13RE	270	273	3	2.97	2.91	99	97	11	
TL10113-13RE	273	276	3	2.98	2.48	99.33	82.67	11	
TL10113-13RE	276	279	3	3	1.63	100	54.33	31	
TL10113-13RE	279	282	3	2.98	1.89	99.33	63	32	
TL10113-13RE	282	285	3	3.08	2.82	102.67	94	12	
TL10113-13RE	285	288	3	2.99	2.72	99.67	90.67	13	
TL10113-13RE	288	291	3	3.02	2.57	100.67	85.67	15	
TL10113-13RE	291	294	3	2.98	2.34	99.33	78	17	
TL10113-13RE	294	297	3	2.93	2.69	97.67	89.67	16	
TL10113-13RE	297	300	3	3.01	2.13	100.33	71	27	
TL10113-13RE	300	303	3	3	2.37	100	79	21	
TL10113-13RE	303	306	3	2.7	2.13	90	71	16	

Hole Number: TL1095-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
80.38	99.94	MSED, Metasediment METASEDIMENTS Gradational contact, Dark grey, fine grained texture, wkly laminated rock, noticeably visible pervasive blue qtz eyes up to 3-5mm in size, wkly altered (sericite) rock, ~5% white qtz injections in irregular margins associated w/ blebby py, tr sulphides, interlayer of BMS from 92-95m, displacement of a 2cm fault in last metre of rock, RQD 81.00 - 84.00 : 88.00 % RQD 100.00 % Core 84.00 - 87.00 : 90.00 % RQD 94.00 % Core 87.00 - 90.00 : 100.00 % RQD 100.00 % Core 90.00 - 93.00 : 95.00 % RQD 100.00 % Core 93.00 - 96.00 : 99.00 % RQD 100.00 % Core 96.00 - 99.00 : 96.00 % RQD 100.00 % Core 99.00 - 102.00 : 98.00 % RQD 98.00 % Core									
99.94	110.78	BMS, Biotite Muscovite Schist BIOTITE MUSCOVITE SCHIST gradational contact, light to dark grey, bleached in last few metres, fine to medium grained, concentration of sericite alteration gradually increasing downhole +/- chlorite alteration, small local fault zone 104.07-104.17m , significant mineralization in lower contact ~2-3% sulphides as stringers and diss, qtz veining contained in upper contact ~5% up to 5cm thick, non-magnetic RQD 102.00 - 105.00 : 96.00 % RQD 100.00 % Core small rubble 105.00 - 108.00 : 95.00 % RQD 99.00 % Core 108.00 - 111.00 : 82.00 % RQD 98.00 % Core	649339	105.00	106.50	1.50	0.08				
			649341	106.50	108.00	1.50	0.50				
			649342	108.00	109.50	1.50	0.13				
			649343	109.50	110.78	1.28	0.13				
110.78	114.51	MSS, Muscovite Sericite Schist MUSCOVITE SERICITE SCHIST (MINERALIZED/HANGIN WALL ZONE) gradational contact by change in colour, very fine grained, schistose, greyish to bleached white in colour, wk foliation orienting 55 deg TCA, strongly silicified, up to 25% semi-massive py w/ stringers, RQD 111.00 - 114.00 : 97.00 % RQD 100.00 % Core 114.00 - 117.00 : 97.00 % RQD 100.00 % Core	649344	110.78	111.60	0.82	0.03				
			649345	111.60	112.10	0.50	0.02				
			649346	112.10	113.50	1.40	0.01				
			649347	113.50	114.51	1.01	0.01				

DETAILED LOG

Hole Number: TL1095-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA3	Au_ppm_ALPM1	Au_gpt_ALCN1
114.51	159.00	BMS, Biotite Muscovite Schist	649348	114.51	115.50	0.99	0.01				
		BIOTITE MUSCOVITE SCHIST	649349	115.50	117.00	1.50	0.03				
		gradational contact by change in colour, light to dark grey, strongly banded characterized by sericite+biotite, thick interlayer of sericite alteration, milky white qtz veins up to 10 cm thick trending 40 deg TCA, no significant mineralization (trace sulphides), local white qtz vein parallel TCA, moderate recovery, RQD 117.00 - 120.00 : 98.00 % RQD 100.00 % Core 120.00 - 123.00 : 99.00 % RQD 100.00 % Core 123.00 - 126.00 : 90.00 % RQD 100.00 % Core 126.00 - 129.00 : 97.00 % RQD 99.00 % Core 129.00 - 132.00 : 91.00 % RQD 98.00 % Core 132.00 - 135.00 : 100.00 % RQD 100.00 % Core 135.00 - 138.00 : 100.00 % RQD 100.00 % Core 138.00 - 141.00 : 94.00 % RQD 97.00 % Core 141.00 - 144.00 : 98.00 % RQD 100.00 % Core 144.00 - 147.00 : 89.00 % RQD 99.00 % Core 147.00 - 150.00 : 99.00 % RQD 99.00 % Core 150.00 - 153.00 : 99.00 % RQD 99.00 % Core 153.00 - 156.00 : 89.00 % RQD 100.00 % Core 156.00 - 159.00 : 97.00 % RQD 100.00 % Core	649351	117.00	118.50	1.50	0.02				
			649352	118.50	120.00	1.50	0.01				
			649353	136.50	138.00	1.50	0.04				
			649354	138.00	139.50	1.50	0.07				
			649355	139.50	141.00	1.50	0.05				
			649356	141.00	142.50	1.50	0.06				
			649357	141.00	142.50	1.50	0.15				
			649358	142.50	144.00	1.50	0.47				
			649359	144.00	145.50	1.50	0.06				
			649361	145.50	147.00	1.50	0.02				
			649362	147.00	148.50	1.50	0.03				
			649363	148.50	150.00	1.50	0.03				
			649364	150.00	151.50	1.50	0.02				
			649365	151.50	153.00	1.50	0.01				
			649366	153.00	154.50	1.50	0.01				
			649367	154.50	156.00	1.50	0.03				
			649368	156.00	157.50	1.50	0.22				
			649369	157.50	159.00	1.50	0.14				

Hole Number: TL1095-13RE

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
159.00	201.30	MSS, Muscovite Sericite Schist	649371	159.00	160.50	1.50	2.64			2.49	
		BIOTITE MUSCOVITE SCHIST TO MUSCOVITE SERICITE SCHIST (MINERALIZED ZONE)	649372	160.50	162.00	1.50	0.10				
			649373	162.00	163.50	1.50	0.12				
			649374	163.50	165.00	1.50	0.06				
		gradational contact by change in colour and intensity of alteration, light to dark grey, fine to medium grained texture, <5% milky white qtz injections throughout unit, strongly banded rock, evidence of folding from 171.8-172.36m, very siliceous in sericitic portions of rock, pink subangular feldspar phenocrysts up to 1cm in size diss throughout rock, grey qtz? xtals up to 3mm in size from 185-190.5m, ~1% galena present in fracture planes, 2-3% diss w/ stringers and blebby py, tr cpy and sph restricted to upper contact	649375	165.00	166.50	1.50	0.08				
			649376	165.00	166.50	1.50	0.07				
			649377	166.50	168.00	1.50	0.10				
			649378	168.00	169.50	1.50	0.29				
			649379	169.50	171.00	1.50	0.63				
		E.O.H.	649381	171.00	172.50	1.50	0.48				
		RQD	649382	172.50	174.00	1.50	0.21				
			649383	174.00	175.50	1.50	0.10				
		159.00 - 162.00 : 95.00 % RQD 100.00 % Core	649384	175.50	177.00	1.50	0.17				
		162.00 - 165.00 : 95.00 % RQD 100.00 % Core	649385	177.00	178.50	1.50	0.18				
		165.00 - 168.00 : 97.00 % RQD 97.00 % Core	649386	178.50	180.00	1.50	0.48				
		168.00 - 171.00 : 85.00 % RQD 100.00 % Core	649387	180.00	181.50	1.50	0.29				
		171.00 - 174.00 : 84.00 % RQD 99.00 % Core	649388	181.50	183.00	1.50	0.12				
		174.00 - 177.00 : 94.00 % RQD 100.00 % Core	649389	183.00	184.50	1.50	0.04				
		177.00 - 180.00 : 92.00 % RQD 99.00 % Core	649391	184.50	186.00	1.50	0.38				
		180.00 - 183.00 : 94.00 % RQD 100.00 % Core	649392	186.00	187.50	1.50	0.14				
		183.00 - 186.00 : 89.00 % RQD 97.00 % Core	649393	187.50	189.00	1.50	0.46				
		186.00 - 189.00 : 82.00 % RQD 100.00 % Core	649394	189.00	190.50	1.50	0.21				
		189.00 - 192.00 : 97.00 % RQD 100.00 % Core	649395	190.50	192.00	1.50	0.02				
		192.00 - 195.00 : 74.00 % RQD 100.00 % Core	649396	192.00	193.50	1.50	0.02				
		small rubble	649397	193.50	195.00	1.50	0.05				
		195.00 - 198.00 : 95.00 % RQD 100.00 % Core	649398	195.00	196.50	1.50	0.14				
		198.00 - 201.00 : 77.00 % RQD 100.00 % Core	649399	196.50	198.00	1.50	0.45				
			649401	198.00	199.50	1.50	0.09				
			649402	199.50	201.00	1.50	0.01				
			649403	201.00	201.00	0.00					
201.30	257.57	BMS, Biotite Muscovite Schist	1327191	256.00	257.50	1.50	0.01				
		This BMS unit has very weak to weak patchy sericitic alteration and very strong patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, trace pyrite stringers, trace pyrrhotite stringers, trace pyrrhotite blebs, and trace chalcopyrite blebs.	1327192	257.50	258.50	1.00	0.38				
257.57	263.00	MSS, Muscovite Sericite Schist	1327193	258.50	260.00	1.50	0.23				
		MSS C-Zone from 257.57m-263.00m	1327194	260.00	261.00	1.00	0.24				
		This C-Zone MSS has very strong pervasive sericitic alteration, strong patchy silicification and very weak patchy chloritic alteration. This unit is well mineralized with 4% pyrite in stringers, 3% sphalerite in stringers, 2% disseminated pyrite and trace galena blebs.	1327195	261.00	262.00	1.00	0.31				
			1327196	262.00	263.00	1.00	0.30				

Hole Number: TL1095-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
263.00	297.00	BMS, Biotite Muscovite Schist	1327197	263.00	264.50	1.50	0.20				
		This BMS unit has very weak patchy sericitic alteration and very strong patchy silicification. This unit is poorly mineralized with 1% pyrite in stringers, trace to 1% disseminated pyrite, trace sphalerite stringers, trace pyrrhotite stringers, trace pyrrhotite blebs and trace chalcopyrite blebs.	1327198	264.50	266.00	1.50	0.03				
			1327199	266.00	267.00	1.00	0.07				
			1327201	267.00	268.00	1.00	0.50				
			1327202	268.00	269.50	1.50	0.00				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
649339	105.00	106.50	0.0810				
649341	106.50	108.00	0.4970				
649342	108.00	109.50	0.1340				
649343	109.50	110.78	0.1290				
649344	110.78	111.60	0.0300				
649345	111.60	112.10	0.0200				
649346	112.10	113.50	0.0110				
649347	113.50	114.51	0.0100				
649348	114.51	115.50	0.0130				
649349	115.50	117.00	0.0250				
649351	117.00	118.50	0.0160				
649352	118.50	120.00	0.0120				
649353	136.50	138.00	0.0420				
649354	138.00	139.50	0.0740				
649355	139.50	141.00	0.0490				
649356	141.00	142.50	0.0570				
649358	142.50	144.00	0.4690				
649359	144.00	145.50	0.0630				
649361	145.50	147.00	0.0160				
649362	147.00	148.50	0.0290				
649363	148.50	150.00	0.0290				
649364	150.00	151.50	0.0160				
649365	151.50	153.00	0.0140				
649366	153.00	154.50	0.0130				
649367	154.50	156.00	0.0310				
649368	156.00	157.50	0.2220				
649369	157.50	159.00	0.1400				
649371	159.00	160.50	2.6440		2.4900		
649372	160.50	162.00	0.1040				
649373	162.00	163.50	0.1150				
649374	163.50	165.00	0.0640				

Hole Number: TL1095-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
649375	165.00	166.50	0.0770				
649377	166.50	168.00	0.1010				
649378	168.00	169.50	0.2900				
649379	169.50	171.00	0.6340				
649381	171.00	172.50	0.4780				
649382	172.50	174.00	0.2090				
649383	174.00	175.50	0.1010				
649384	175.50	177.00	0.1690				
649385	177.00	178.50	0.1770				
649386	178.50	180.00	0.4790				
649387	180.00	181.50	0.2930				
649388	181.50	183.00	0.1230				
649389	183.00	184.50	0.0440				
649391	184.50	186.00	0.3750				
649392	186.00	187.50	0.1400				
649393	187.50	189.00	0.4560				
649394	189.00	190.50	0.2080				
649395	190.50	192.00	0.0190				
649397	192.00	193.50	0.0180				
649398	193.50	195.00	0.0460				
649399	195.00	196.50	0.1390				
649401	196.50	198.00	0.4530				
649402	198.00	199.50	0.0910				
649403	199.50	201.00	0.0130				
1327191	256.00	257.50	0.0140				
1327192	257.50	258.50	0.3840				
1327193	258.50	260.00	0.2300				
1327194	260.00	261.00	0.2410				
1327195	261.00	262.00	0.3050				
1327196	262.00	263.00	0.3000				
1327197	263.00	264.50	0.1980				
1327198	264.50	266.00	0.0340				
1327199	266.00	267.00	0.0690				
1327201	267.00	268.00	0.5000				
1327202	268.00	269.50	0.0005				
Sample Type	CDUP						
649357	141.00	142.50	0.1480				
649376	165.00	166.50	0.0680				
649396	190.50	192.00	0.0180				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL1095-13RE	256.0	257.5	1327191	0.50	3.25	31.00	261.00	1.00	13.00	1.20	2.00	8.00	0.50	17.00	1.71	0.21	0.50	0.85	522.00
TL1095-13RE	257.5	258.5	1327192	2.00	5.40	61.00	443.00	1.00	4.00	0.56	2.00	8.00	0.50	30.00	1.70	0.43	0.50	0.27	107.00
TL1095-13RE	258.5	260.0	1327193	1.00	4.36	45.00	326.00	1.00	14.00	0.16	2.00	7.00	0.50	31.00	1.24	0.16	0.50	0.17	50.00
TL1095-13RE	260.0	261.0	1327194	2.00	4.97	63.00	326.00	1.00	7.00	0.24	6.00	11.00	0.50	56.00	1.72	0.22	0.50	0.18	50.00
TL1095-13RE	261.0	262.0	1327195	2.00	4.57	126.00	305.00	2.00	9.00	0.21	11.00	14.00	0.50	84.00	3.10	0.20	0.50	0.19	50.00
TL1095-13RE	262.0	263.0	1327196	2.00	4.36	70.00	282.00	2.00	10.00	0.09	16.00	6.00	0.50	43.00	1.71	0.13	0.50	0.19	50.00
TL1095-13RE	263.0	264.5	1327197	2.00	5.41	38.00	350.00	1.00	16.00	0.57	2.00	19.00	0.50	56.00	2.68	0.12	0.50	0.75	332.00
TL1095-13RE	264.5	266.0	1327198	1.00	5.36	39.00	486.00	1.00	6.00	1.12	2.00	8.00	0.50	14.00	1.31	0.15	0.50	0.66	337.00
TL1095-13RE	266.0	267.0	1327199	1.00	4.91	37.00	486.00	2.00	11.00	1.02	2.00	7.00	0.50	13.00	1.18	0.17	0.50	0.59	341.00
TL1095-13RE	267.0	268.0	1327201	1.00	5.33	60.00	450.00	1.00	7.00	1.19	2.00	8.00	0.50	31.00	1.56	0.30	0.50	0.67	373.00
TL1095-13RE	268.0	269.5	1327202	1.00	6.35	31.00	525.00	1.00	16.00	2.02	2.00	6.00	0.50	15.00	1.44	0.19	0.50	1.45	675.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL1095-13RE	256.0	257.5	1327191	0.50	59.00	429.00	35.00	0.86	2.50	2.50	5.00	82.00	1229.00	1.00	33.00	5.00	5.00	61.00
TL1095-13RE	257.5	258.5	1327192	0.50	55.00	384.00	67.00	1.62	2.50	9.00	5.00	77.00	1164.00	1.00	34.00	5.00	5.00	213.00
TL1095-13RE	258.5	260.0	1327193	0.50	26.00	382.00	22.00	1.29	2.50	10.00	5.00	57.00	929.00	1.00	25.00	5.00	4.00	244.00
TL1095-13RE	260.0	261.0	1327194	0.50	54.00	290.00	32.00	1.81	2.50	10.00	5.00	65.00	905.00	1.00	42.00	20.00	5.00	1326.00
TL1095-13RE	261.0	262.0	1327195	0.50	87.00	264.00	55.00	3.32	2.50	8.00	5.00	64.00	916.00	1.00	55.00	35.00	5.00	2765.00
TL1095-13RE	262.0	263.0	1327196	0.50	71.00	382.00	49.00	1.78	2.50	11.00	5.00	57.00	995.00	1.00	31.00	45.00	4.00	4113.00
TL1095-13RE	263.0	264.5	1327197	0.50	93.00	465.00	80.00	1.45	2.50	8.00	5.00	73.00	1485.00	1.00	78.00	5.00	9.00	405.00
TL1095-13RE	264.5	266.0	1327198	0.50	50.00	413.00	26.00	0.83	2.50	6.00	5.00	78.00	1371.00	1.00	33.00	5.00	5.00	71.00
TL1095-13RE	266.0	267.0	1327199	0.50	41.00	399.00	30.00	0.80	2.50	15.00	5.00	76.00	1485.00	1.00	30.00	5.00	4.00	90.00
TL1095-13RE	267.0	268.0	1327201	0.50	35.00	377.00	23.00	1.40	2.50	12.00	5.00	81.00	1325.00	1.00	27.00	11.00	5.00	446.00
TL1095-13RE	268.0	269.5	1327202	0.50	32.00	423.00	16.00	0.78	2.50	5.00	5.00	101.00	1595.00	1.00	32.00	12.00	5.00	250.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL1095-13RE	6.1	23.0	16.9	PY	DISS	3	2-3% diss py w/ local blebs
TL1095-13RE	23.0	30.7	7.7	PY	ST	4	3-4% py with stringers and diss parallel to foliation
TL1095-13RE	30.7	36.1	5.4	PY	DISS	3	diss and local blebby py in fractures
TL1095-13RE	36.1	80.4	44.3	PY	DISS	2	1-2% diss w/ str py throughout rock
TL1095-13RE	80.4	99.9	19.6	PY	DISS	2	1-2% py disseminated in fractures w/ stringers and blebby
TL1095-13RE	99.9	106.0	6.1	PY	DISS	1	1-2% py as diss and stringers
TL1095-13RE	106.0	110.8	4.8	PY	DISS	3	2-3% py as diss and stringers
TL1095-13RE	110.8	111.7	0.9	PY	DISS	3	2-3% py diss and stringers
TL1095-13RE	111.7	112.0	0.3	PY	SMASS	25	small semi-massive patch with py stringers
TL1095-13RE	111.7	114.5	2.8	PY	DISS	5	5% diss and str py
TL1095-13RE	114.5	159.0	44.5	PY	DISS	1	tr py as diss w/ thin stringers parallel to foliation
TL1095-13RE	159.0	201.0	42.0	PY	BDS	3	2-3% py present as diss; str; and blebby
TL1095-13RE	164.9	165.0	0.2	PB	BLB	1	bluish grey tint present in fracture planes
TL1095-13RE	164.9	165.0	0.2	CP	BLB	1	tr cpy present in fracture planes
TL1095-13RE	175.3	175.3	0.0	SPH	ST	1	sphalerite stringer parallel to foliation 50 deg TCA
TL1095-13RE	184.7	184.7	0.0	SPH	ST	1	sph stringer parallel to foliation 50 deg TCA
TL1095-13RE	201.3	257.6	56.3	PY	DISS	1	1% disseminated py throughout the interval
TL1095-13RE	201.3	257.6	56.3	PY	ST	0.1	Trace py in 1-3mm wide stringers oriented semi-parallel to foliation
TL1095-13RE	201.3	257.6	56.3	CP	BLB	0.1	Trace cpy blebs in and along margins of qtz/qtz-amph veins and in po stringers
TL1095-13RE	201.3	257.6	56.3	PO	ST	0.1	Trace po in 1-4mm wide stringers oriented semi-parallel to foliation
TL1095-13RE	201.3	257.6	56.3	PO	ST	0.1	Trace po blebs in and along margins of qtz-amph veins
TL1095-13RE	257.6	263.0	5.4	SPH	ST	3	3% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL1095-13RE	257.6	263.0	5.4	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL1095-13RE	257.6	263.0	5.4	PY	DISS	2	2% disseminated py throughout the interval
TL1095-13RE	257.6	263.0	5.4	PY	ST	4	4% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL1095-13RE	263.0	297.0	34.0	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL1095-13RE	263.0	297.0	34.0	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL1095-13RE	263.0	297.0	34.0	PY	ST	1	1% py in 1-3mm wide stringers oriented semi-parallel to foliation
TL1095-13RE	263.0	297.0	34.0	CP	BLB	0.1	Trace cpy blebs associated w/ po stringers
TL1095-13RE	263.0	297.0	34.0	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL1095-13RE	263.0	297.0	34.0	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL1095-13RE	6.1	17.6	11.5	FOL		45	well foliated rock with 40-50 deg TCA
TL1095-13RE	15.0	26.0	11.0	FR		35	abundant fractures ranging from 35-70 most ~45 deg TCA crossbed foliation; 1-2 mm haloes around fractures (qtz or chlorite?)
TL1095-13RE	17.5	17.6	0.1	SCHS		45	
TL1095-13RE	17.5	17.6	0.1	FTZ		75	small fault zone @ 75 deg TCA in filled with wkly chloritized and lithified gouge
TL1095-13RE	30.7	36.1	5.4	FOL		40	wk to mod lamination 40 deg TCA
TL1095-13RE	36.1	80.4	44.3	SCHS			
TL1095-13RE	36.1	80.4	44.3	FOL		45	strongly pervasive foliated rock characterized by sericite+biotite orienting 45-60 deg TCA
TL1095-13RE	80.4	99.9	19.6	SCHS			
TL1095-13RE	80.4	99.9	19.6	FOL		55	trending 50-55 deg TCA
TL1095-13RE	99.7	99.9	0.3	FTZ		30	~2cm displacement microfault
TL1095-13RE	99.9	110.8	10.8	FOL		50	strongly distorted foliation trending 45-50 deg TCA in upper contact by folds
TL1095-13RE	103.2	103.2	0.1	FTZ		55	small fold with tightly folded folds
TL1095-13RE	104.1	104.2	0.1	FTZ		45	infilled with mod to well lithified clay gouge
TL1095-13RE	110.8	114.5	3.7	FOL		55	wkly foliated rock
TL1095-13RE	114.5	159.0	44.5	SCHS			
TL1095-13RE	114.5	159.0	44.5	FOL		50	strongly banded rock defined by sericite+biotite
TL1095-13RE	159.0	201.0	42.0	SCHS			
TL1095-13RE	159.0	201.0	42.0	FOL		50	strongly foliated rock defined by biotite+sericite bands
TL1095-13RE	201.3	222.5	21.2	FOL	Strong	45	Strong foliation at 45 deg TCA
TL1095-13RE	201.3	257.6	56.3	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL1095-13RE	222.5	257.6	35.1	FOL	Strong	45	Strong foliation at 45 deg TCA minor deflections around qtz veins
TL1095-13RE	257.6	258.9	1.3	FOL	Very Strong	50	V. strong foliation at 50 deg TCA
TL1095-13RE	258.9	263.0	4.1	FOL	Very Strong	45	V. strong foliation at 45 deg TCA
TL1095-13RE	259.0	260.1	1.1	FTZ	Strong	45	Strong fault zone oriented semi-parallel to foliation and infilled w/ gouge
TL1095-13RE	263.0	270.0	7.0	FOL	Strong	45	Strong foliation at 45 deg TCA
TL1095-13RE	263.0	284.0	21.0	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL1095-13RE	263.0	284.0	21.0	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL1095-13RE	270.0	284.0	14.0	FOL	Strong	55	Strong foliation at 55 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL1095-13RE	6.1	20.0	13.9	SR	Pervasive	Strong	60-70% seems as bands w/ 30-40% biotite bands
TL1095-13RE	8.5	8.9	0.4	CH	Patchy	Moderate	sharp contact 30 deg TCA +/- actinolite w/ qtz+pink feldspar truncating foliation; possible fault?
TL1095-13RE	20.0	30.7	10.7	SR	Pervasive	Weak	25-30% sericitic bands
TL1095-13RE	30.7	36.1	5.4	SR	Pervasive	Weak	wk sericitic bands up to 0.5-1cm throughout rock
TL1095-13RE	36.1	48.0	11.9	SR	Pervasive	Strong	bands of sericite comprising 70% of rock
TL1095-13RE	48.0	67.0	19.0	SR	Pervasive	Weak	moderate sericitic bands with ~35% intensity
TL1095-13RE	49.7	50.2	0.5	E	Patchy	Moderate	patchwork of epidote in chloritized rock
TL1095-13RE	49.7	50.2	0.5	CH	Patchy	Moderate	patchwork of chlorite alteration parallel to foliation
TL1095-13RE	67.0	78.0	11.0	SR	Pervasive	Strong	60% sericite bands
TL1095-13RE	80.4	99.9	19.6	SE	Pervasive	Weak	wkly sericitized and mostly concentrated in BMS interlayer
TL1095-13RE	99.9	107.0	7.1	SR	Pervasive	Weak	~25% mod sericite alteration
TL1095-13RE	99.9	107.8	7.8	SR	Pervasive	Strong	60% intense alteration
TL1095-13RE	110.8	114.5	3.7	SR	Pervasive	Very Strong	strongly sericitized rock throughout ~95%
TL1095-13RE	110.8	114.5	3.7	SI	Pervasive	Strong	very hard rock
TL1095-13RE	114.5	137.2	22.7	SR	Pervasive	Weak	wk to moderate sericite alteration as bands
TL1095-13RE	137.2	148.3	11.1	SR	Pervasive	Strong	strongly sericitic rock
TL1095-13RE	148.3	159.0	10.7	SR	Pervasive	Moderate	moderate sericite alteration
TL1095-13RE	159.0	201.0	42.0	SR	Pervasive	Strong	strong sericite alteration visible as bands
TL1095-13RE	201.3	223.3	22.0	SR	Patchy	Weak	Weak to very weak patchy ser alt, 20% ser to 80% bio
TL1095-13RE	201.3	257.6	56.3	SI	Patchy	Very Strong	V. strong patchy sil alt
TL1095-13RE	223.3	243.4	20.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL1095-13RE	243.4	257.6	14.2	SR	Patchy	Weak	Weak patchy ser alt, 30% ser to 70% bio
TL1095-13RE	257.6	263.0	5.4	SI	Patchy	Strong	Strong patchy sil alt
TL1095-13RE	257.6	263.0	5.4	CH	Patchy	Very Weak	V. weak patchy chl alt throughout the interval
TL1095-13RE	257.6	263.0	5.4	SR	Pervasive	Very Strong	V. strong pervasive ser alt, 95% ser to 5% bio
TL1095-13RE	263.0	297.0	34.0	SR	Patchy	Very Weak	V. weak patchy ser alt, 5-10% ser to 90-95% bio
TL1095-13RE	263.0	297.0	34.0	SI	Patchy	Very Strong	V. strong patchy silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL1095-13RE	9	12	3	3	2.91	100	97	7	
TL1095-13RE	12	15	3	2.94	2.73	98	91	9	
TL1095-13RE	15	18	3	3	2.28	100	76	26	
TL1095-13RE	18	21	3	3	2.85	100	95	13	
TL1095-13RE	21	24	3	3	2.76	100	92	9	
TL1095-13RE	24	27	3	3	2.76	100	92	15	
TL1095-13RE	27	30	3	2.91	2.49	97	83	21	
TL1095-13RE	30	33	3	3	1.71	100	57	50	
TL1095-13RE	33	36	3	2.97	1.95	99	65	24	
TL1095-13RE	36	39	3	2.91	2.22	97	74	25	
TL1095-13RE	39	42	3	2.97	2.64	99	88	12	
TL1095-13RE	42	45	3	3	3	100	100	13	
TL1095-13RE	45	48	3	3	2.88	100	96	12	
TL1095-13RE	48	51	3	3	3	100	100	5	
TL1095-13RE	51	54	3	2.94	2.94	98	98	8	
TL1095-13RE	54	57	3	2.94	2.94	98	98	9	
TL1095-13RE	57	60	3	3	2.91	100	97	4	
TL1095-13RE	60	63	3	3	2.88	100	96	9	
TL1095-13RE	63	66	3	3	2.55	100	85	21	
TL1095-13RE	66	69	3	3	2.43	100	81	50	
TL1095-13RE	69	72	3	2.97	2.55	99	85	50	
TL1095-13RE	72	75	3	3	2.1	100	70	50	
TL1095-13RE	75	78	3	3	2.79	100	93	20	
TL1095-13RE	78	81	3	3	2.55	100	85	21	
TL1095-13RE	81	84	3	3	2.64	100	88	10	
TL1095-13RE	84	87	3	2.82	2.7	94	90	5	
TL1095-13RE	87	90	3	3	3	100	100	4	
TL1095-13RE	90	93	3	3	2.85	100	95	6	
TL1095-13RE	93	96	3	3	2.97	100	99	5	
TL1095-13RE	96	99	3	3	2.88	100	96	3	
TL1095-13RE	99	102	3	2.94	2.94	98	98	3	
TL1095-13RE	102	105	3	3	2.88	100	96	50	
TL1095-13RE	105	108	3	2.97	2.85	99	95	9	
TL1095-13RE	108	111	3	2.94	2.46	98	82	10	
TL1095-13RE	111	114	3	3	2.91	100	97	6	
TL1095-13RE	114	117	3	3	2.91	100	97	7	
TL1095-13RE	117	120	3	3	2.94	100	98	6	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL1095-13RE	120	123	3	3	2.97	100	99	4	
TL1095-13RE	123	126	3	3	2.7	100	90	12	
TL1095-13RE	126	129	3	2.97	2.91	99	97	5	
TL1095-13RE	129	132	3	2.94	2.73	98	91	6	
TL1095-13RE	132	135	3	3	3	100	100	1	
TL1095-13RE	135	138	3	3	3	100	100	5	
TL1095-13RE	138	141	3	2.91	2.82	97	94	4	
TL1095-13RE	141	144	3	3	2.94	100	98	16	
TL1095-13RE	144	147	3	2.97	2.67	99	89	8	
TL1095-13RE	147	150	3	2.97	2.97	99	99	8	
TL1095-13RE	150	153	3	2.97	2.97	99	99	4	
TL1095-13RE	153	156	3	3	2.67	100	89	11	
TL1095-13RE	156	159	3	3	2.91	100	97	13	
TL1095-13RE	159	162	3	3	2.85	100	95	13	
TL1095-13RE	162	165	3	3	2.85	100	95	5	
TL1095-13RE	165	168	3	2.91	2.91	97	97	1	
TL1095-13RE	168	171	3	3	2.55	100	85	12	
TL1095-13RE	171	174	3	2.97	2.52	99	84	14	
TL1095-13RE	174	177	3	3	2.82	100	94	8	
TL1095-13RE	177	180	3	2.97	2.76	99	92	7	
TL1095-13RE	180	183	3	3	2.82	100	94	21	
TL1095-13RE	183	186	3	2.91	2.67	97	89	13	
TL1095-13RE	186	189	3	3	2.46	100	82	24	
TL1095-13RE	189	192	3	3	2.91	100	97	11	
TL1095-13RE	192	195	3	3	2.22	100	74	50	
TL1095-13RE	195	198	3	3	2.85	100	95	8	
TL1095-13RE	198	201	3	3	2.31	100	77	28	
TL1095-13RE	204	207	3	3	2.8	100	93.33	12	
TL1095-13RE	207	210	3	3.03	1.95	101	65	18	
TL1095-13RE	210	213	3	2.97	2.82	99	94	5	
TL1095-13RE	213	216	3	3.01	2.62	100.33	87.33	8	
TL1095-13RE	216	219	3	2.94	2.73	98	91	6	
TL1095-13RE	219	222	3	3.06	2.96	102	98.67	12	
TL1095-13RE	222	225	3	3.04	2.9	101.33	96.67	6	
TL1095-13RE	225	228	3	2.97	2.86	99	95.33	11	
TL1095-13RE	228	231	3	2.96	2.78	98.67	92.67	9	
TL1095-13RE	231	234	3	3.01	2.45	100.33	81.67	12	
TL1095-13RE	234	237	3	2.97	2.77	99	92.33	11	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL1095-13RE	237	240	3	2.97	2.72	99	90.67	9	
TL1095-13RE	240	243	3	3.03	2.84	101	94.67	3	
TL1095-13RE	243	246	3	2.96	2.76	98.67	92	10	
TL1095-13RE	246	249	3	3	2.46	100	82	9	
TL1095-13RE	249	252	3	3.01	2.71	100.33	90.33	7	
TL1095-13RE	252	255	3	2.99	2.76	99.67	92	9	
TL1095-13RE	255	258	3	3.08	2.06	102.67	68.67	19	
TL1095-13RE	258	261	3	2.98	1.22	99.33	40.67	50	
TL1095-13RE	261	264	3	2.99	2.24	99.67	74.67	15	
TL1095-13RE	264	267	3	3.01	1.99	100.33	66.33	23	
TL1095-13RE	267	270	3	2.98	2.87	99.33	95.67	10	
TL1095-13RE	270	273	3	3.01	2.7	100.33	90	14	
TL1095-13RE	273	276	3	2.95	2.72	98.33	90.67	7	
TL1095-13RE	276	279	3	3.01	2.64	100.33	88	9	
TL1095-13RE	279	282	3	2.96	2.89	98.67	96.33	4	
TL1095-13RE	282	285	3	3	2.97	100	99	6	
TL1095-13RE	285	288	3	2.95	2.89	98.33	96.33	7	
TL1095-13RE	288	291	3	3.04	2.8	101.33	93.33	10	
TL1095-13RE	291	294	3	3	2.4	100	80	14	
TL1095-13RE	294	297	3	3.08	3.08	102.67	102.67	3	

Hole Number: TL176-13RE

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511987.40	North:	Collar Az: 360.00
Location: Zealand Township	East: 528269.35	East:	Length: 246.00
	Elev: 396.23	Elev:	Start Depth: 0.00
Date Started: May 18, 1997	Collar Survey: N	Plugged: N	Contractor: Bradley Bros
Date Completed: May 21, 1997	Multishot Survey: N	Hole Size: NQ	Core Storage: Dumped
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 246.00

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

A moderately well developed sericitic and siliceous MAin Zone from 95.8-113.5m. No V.G. was observed in this zone, the best sulphide contents are at 100.3-101.8m, 107.5-109.0m.

Assay samples: k8000-K8055 (56 samples)

Old Teck Hole Re-entered at 134.47m

MSS C-Zone from 187.92m-207.88m

This C-Zone MSS has very strong patchy to pervasive sericitic alteration, weak to very weak patchy silicification and very weak patchy chloritic alteration. This unit is moderately mineralized with 3% pyrite in stringers, 2% disseminated pyrite, 1% sphalerite stringers, trace galena blebs, trace arsenopyrite blebs and trace chalcopyrite blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	359.00	-64.00	EZ Sho	OK		24.00	359.60	-63.50	EZ Sho	OK	
51.00	359.20	-63.10	EZ Sho	OK		102.00	358.60	-61.10	EZ Sho	OK	
150.00	358.10	-60.00	EZ Sho	OK		201.00	357.30	-59.00	EZ Sho	OK	
246.00	354.70	-58.00	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	7.20	OB, Overburden									
7.20	16.50	BMS, Biotite Muscovite Schist									
16.50	26.30	BMS, Biotite Muscovite Schist									
26.30	35.40	BMS, Biotite Muscovite Schist	K8000	33.50	35.00	1.50	0.02				
			K8001	35.00	36.50	1.50	0.04				
35.40	39.50	BMS, Biotite Muscovite Schist	K8002	36.50	38.00	1.50	0.04				
			K8003	38.00	39.50	1.50	0.07				

DETAILED LOG

Hole Number: TL176-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
39.50	54.40	MSS, Muscovite Sericite Schist	K8004	39.50	41.00	1.50	0.03				
			K8005	41.00	42.50	1.50	0.01				
			K8006	42.50	44.00	1.50	0.01				
			K8007	44.00	45.50	1.50	0.02				
			K8008	45.50	47.00	1.50	0.33				
			K8009	47.00	48.50	1.50	0.05				
			K8010	48.50	50.00	1.50	0.02				
			K8011	50.00	51.50	1.50	0.03				
			K8012	51.50	53.00	1.50	0.01				
			K8013	53.00	54.40	1.40	0.01				
54.40	68.00	BMS, Biotite Muscovite Schist	K8014	54.40	55.90	1.50	0.01				
			K8015	55.90	57.40	1.50	0.02				
			K8016	57.40	58.90	1.50	0.02				
			K8017	58.90	60.40	1.50	0.13				
			K8018	60.40	61.90	1.50	0.02				
68.00	70.80	MSS, Muscovite Sericite Schist									
70.80	72.80	BMS, Biotite Muscovite Schist									
72.80	81.20	MSS, Muscovite Sericite Schist	K8019	77.00	78.50	1.50	0.12				
			K8020	78.50	80.00	1.50	0.34				
			K8021	80.00	81.50	1.50	0.08				
81.20	95.80	BMS, Biotite Muscovite Schist	K8022	81.50	83.00	1.50	0.04				
			K8023	83.00	84.50	1.50	0.09				
			K8024	84.50	86.00	1.50	0.05				
			K8025	86.00	87.50	1.50	0.10				
			K8026	87.50	89.00	1.50	0.05				
			K8027	89.00	90.50	1.50	0.09				
			K8028	90.50	91.60	1.10	0.03				
			K8029	91.60	92.80	1.20	0.01				
			K8030	92.80	94.30	1.50	0.01				
			K8031	94.30	95.80	1.50	0.03				
95.80	113.50	MSS, Muscovite Sericite Schist	K8032	95.80	97.30	1.50	9.67				
			K8033	97.30	98.80	1.50	0.34				
			K8034	98.80	100.30	1.50	0.88				
			K8035	100.30	101.80	1.50	1.34				
			K8036	101.80	103.30	1.50	0.86				
			K8037	103.30	104.60	1.30	0.60				
			K8038	104.60	106.10	1.50	1.07				
			K8039	106.10	107.50	1.40	0.76				
			K8040	107.50	109.00	1.50	5.07				
			K8041	109.00	110.50	1.50	15.66				
			K8042	110.50	112.00	1.50	1.14				
			K8043	112.00	113.50	1.50	1.34				

DETAILED LOG

Hole Number: TL176-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
113.50	134.47	BMS, Biotite Muscovite Schist	K8044	113.50	115.00	1.50	0.04				
			K8045	115.00	116.50	1.50	0.04				
			K8046	116.50	118.00	1.50	0.03				
			K8047	118.00	119.50	1.50	0.02				
			K8048	119.50	121.00	1.50	0.02				
			K8049	121.00	122.50	1.50	0.02				
			K8050	122.50	124.00	1.50	0.02				
			K8051	124.00	125.50	1.50	0.01				
			K8052	125.50	127.00	1.50	0.01				
			K8053	127.00	128.50	1.50	0.01				
			K8054	128.50	130.00	1.50	0.01				
			K8055	130.00	131.50	1.50	0.01				
134.47	140.58	MSS, Muscovite Sericite Schist This MSS unit has very strong patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with only trace to 1% disseminated pyrite throughout.	1327091	134.50	136.00	1.50	0.00				
			1327092	136.00	137.50	1.50	0.01				
			1327093	137.50	138.50	1.00	0.01				
			1327094	138.50	139.50	1.00	0.00				
			1327095	139.50	140.60	1.10	0.00				
140.58	187.92	BMS, Biotite Muscovite Schist This BMS unit has very weak to moderate patchy sericitic alteration, and strong patchy silicification. This unit is poorly mineralized until the last 3m of the unit where there is a moderate patch of sericitic alteration and contains a few good sphalerite stringers with pyrite and galena. This unit contains trace to 1% disseminated pyrite, trace pyrite stringers, trace pyrrhotite blebs, trace chalcopyrite blebs, 1% sphalerite stringers and trace galena blebs.	1327096	140.60	142.10	1.50	0.01				
			1327097	183.90	184.90	1.00	0.10				
			1327098	184.90	186.40	1.50	0.01				
			1327099	186.40	187.90	1.50	0.01				
			1327101	187.90	189.00	1.10	0.28				
187.92	207.88	MSS, Muscovite Sericite Schist MSS C-Zone from 187.92m-207.88m This C-Zone MSS has very strong patchy to pervasive sericitic alteration, weak to very weak patchy silicification and very weak patchy chloritic alteration. This unit is moderately mineralized with 3% pyrite in stringers, 2% disseminated pyrite, 1% sphalerite stringers, trace galena blebs, trace arsenopyrite blebs and trace chalcopyrite blebs.	1327102	189.00	190.50	1.50	0.59				
			1327103	190.50	192.00	1.50	0.70				
			1327104	192.00	193.50	1.50	0.68				
			1327105	193.50	195.00	1.50	0.23				
			1327106	193.50	195.00	1.50	0.22				
			1327107	195.00	196.50	1.50	0.12				
			1327108	196.50	197.50	1.00	0.03				
			1327109	197.50	198.50	1.00	1.58				
			1327111	198.50	199.50	1.00	0.57				
			1327112	199.50	200.50	1.00	0.41				
			1327113	200.50	201.50	1.00	0.19				
			1327114	201.50	202.50	1.00	0.24				
			1327115	202.50	204.00	1.50	0.33				
			1327116	204.00	205.00	1.00	0.78				
			1327117	205.00	206.00	1.00	0.19				
			1327118	206.00	206.90	0.90	0.14				
			1327119	206.90	207.90	1.00	0.06				

Hole Number: TL176-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
207.88	246.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and weak to very weak patchy silicification. This unit is poorly mineralized with 1% disseminated pyrite, trace to 1% pyrite in stringers, trace sphalerite stringers, trace galena blebs between 235.4-235.6m, and trace pyrrhotite blebs.	1327121	207.90	209.40	1.50	0.09				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
K8000	33.50	35.00	0.0150				
K8001	35.00	36.50	0.0400				
K8002	36.50	38.00	0.0400				
K8003	38.00	39.50	0.0700				
K8004	39.50	41.00	0.0300				
K8005	41.00	42.50	0.0100				
K8006	42.50	44.00	0.0100				
K8007	44.00	45.50	0.0200				
K8008	45.50	47.00	0.3300				
K8009	47.00	48.50	0.0450				
K8010	48.50	50.00	0.0150				
K8011	50.00	51.50	0.0250				
K8012	51.50	53.00	0.0100				
K8013	53.00	54.40	0.0050				
K8014	54.40	55.90	0.0100				
K8015	55.90	57.40	0.0150				
K8016	57.40	58.90	0.0150				
K8017	58.90	60.40	0.1300				
K8018	60.40	61.90	0.0150				
K8019	77.00	78.50	0.1200				
K8020	78.50	80.00	0.3400				
K8021	80.00	81.50	0.0780				
K8022	81.50	83.00	0.0350				
K8023	83.00	84.50	0.0900				
K8024	84.50	86.00	0.0450				
K8025	86.00	87.50	0.0950				
K8026	87.50	89.00	0.0450				
K8027	89.00	90.50	0.0850				
K8028	90.50	91.60	0.0250				
K8029	91.60	92.80	0.0050				
K8030	92.80	94.30	0.0050				

Hole Number: TL176-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
K8031	94.30	95.80	0.0280				
K8032	95.80	97.30	9.6660				
K8033	97.30	98.80	0.3400				
K8034	98.80	100.30	0.8750				
K8035	100.30	101.80	1.3400				
K8036	101.80	103.30	0.8550				
K8037	103.30	104.60	0.5950				
K8038	104.60	106.10	1.0700				
K8039	106.10	107.50	0.7550				
K8040	107.50	109.00	5.0700				
K8041	109.00	110.50	15.6570				
K8042	110.50	112.00	1.1400				
K8043	112.00	113.50	1.3400				
K8044	113.50	115.00	0.0350				
K8045	115.00	116.50	0.0400				
K8046	116.50	118.00	0.0250				
K8047	118.00	119.50	0.0150				
K8048	119.50	121.00	0.0200				
K8049	121.00	122.50	0.0150				
K8050	122.50	124.00	0.0150				
K8051	124.00	125.50	0.0050				
K8052	125.50	127.00	0.0050				
K8053	127.00	128.50	0.0050				
K8054	128.50	130.00	0.0050				
K8055	130.00	131.50	0.0050				
1327091	134.50	136.00	0.0010				
1327092	136.00	137.50	0.0050				
1327093	137.50	138.50	0.0100				
1327094	138.50	139.50	0.0010				
1327095	139.50	140.60	0.0030				
1327096	140.60	142.10	0.0050				
1327097	183.90	184.90	0.1000				
1327098	184.90	186.40	0.0110				
1327099	186.40	187.90	0.0130				
1327101	187.90	189.00	0.2770				
1327102	189.00	190.50	0.5890				
1327103	190.50	192.00	0.7010				
1327104	192.00	193.50	0.6800				
1327105	193.50	195.00	0.2260				

Hole Number: TL176-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327107	195.00	196.50	0.1180				
1327108	196.50	197.50	0.0300				
1327109	197.50	198.50	1.5830				
1327111	198.50	199.50	0.5660				
1327112	199.50	200.50	0.4090				
1327113	200.50	201.50	0.1930				
1327114	201.50	202.50	0.2350				
1327115	202.50	204.00	0.3280				
1327116	204.00	205.00	0.7830				
1327117	205.00	206.00	0.1880				
1327118	206.00	206.90	0.1410				
1327119	206.90	207.90	0.0630				
1327121	207.90	209.40	0.0850				
Sample Type	CDUP						
1327106	193.50	195.00	0.2160				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL176-13RE	134.5	136.0	1327091	1.00	5.34	22.00	358.00	1.00	10.00	1.14	2.00	5.00	0.50	6.00	1.24	0.35	1.00	0.45	105.00
TL176-13RE	136.0	137.5	1327092	2.00	5.68	29.00	374.00	1.00	4.00	2.13	2.00	6.00	0.50	7.00	1.25	0.17	1.00	0.58	205.00
TL176-13RE	137.5	138.5	1327093	1.00	5.38	21.00	337.00	1.00	9.00	1.35	2.00	5.00	0.50	6.00	0.89	0.10	0.50	0.51	50.00
TL176-13RE	138.5	139.5	1327094	1.00	5.56	14.00	297.00	1.00	12.00	1.70	2.00	5.00	0.50	8.00	1.14	0.74	0.50	0.43	50.00
TL176-13RE	139.5	140.6	1327095	1.00	4.98	29.00	299.00	1.00	10.00	1.45	2.00	4.00	0.50	6.00	0.90	0.17	0.50	0.58	50.00
TL176-13RE	140.6	142.1	1327096	2.00	6.12	22.00	418.00	1.00	14.00	2.03	2.00	11.00	0.50	11.00	0.85	0.50	4.00	1.09	291.00
TL176-13RE	183.9	184.9	1327097	7.00	4.85	48.00	331.00	1.00	7.00	0.87	8.00	10.00	0.50	36.00	1.79	0.26	0.50	0.51	269.00
TL176-13RE	184.9	186.4	1327098	1.00	5.60	37.00	383.00	2.00	10.00	1.30	2.00	6.00	0.50	8.00	1.06	0.15	0.50	0.67	266.00
TL176-13RE	186.4	187.9	1327099	1.00	4.58	33.00	267.00	1.00	11.00	1.80	2.00	6.00	0.50	13.00	1.32	0.14	0.50	1.07	407.00
TL176-13RE	187.9	189.0	1327101	5.00	4.73	56.00	333.00	1.00	14.00	0.21	2.00	9.00	0.50	24.00	1.40	0.23	0.50	0.18	50.00
TL176-13RE	189.0	190.5	1327102	10.00	4.81	50.00	330.00	2.00	8.00	0.26	2.00	6.00	0.50	23.00	1.30	0.31	0.50	0.12	50.00
TL176-13RE	190.5	192.0	1327103	2.00	4.97	54.00	379.00	2.00	13.00	0.29	2.00	7.00	0.50	15.00	1.60	0.36	0.50	0.17	50.00
TL176-13RE	192.0	193.5	1327104	2.00	4.63	47.00	394.00	2.00	9.00	0.18	2.00	6.00	0.50	11.00	1.38	0.48	0.50	0.11	50.00
TL176-13RE	193.5	195.0	1327105	2.00	4.51	48.00	481.00	2.00	3.00	0.33	2.00	8.00	0.50	16.00	1.28	0.41	0.50	0.15	50.00
TL176-13RE	193.5	195.0	1327106	1.00	4.82	38.00	451.00	2.00	20.00	0.30	2.00	8.00	0.50	13.00	1.21	0.26	0.50	0.18	50.00
TL176-13RE	195.0	196.5	1327107	0.50	4.82	34.00	446.00	2.00	19.00	0.30	2.00	8.00	0.50	12.00	1.20	0.25	0.50	0.18	50.00
TL176-13RE	196.5	197.5	1327108	1.00	5.15	25.00	515.00	2.00	11.00	1.31	2.00	5.00	0.50	11.00	1.17	0.26	0.50	0.80	322.00
TL176-13RE	197.5	198.5	1327109	5.00	5.38	80.00	493.00	2.00	11.00	0.73	2.00	6.00	0.50	58.00	1.55	0.21	0.50	0.46	162.00
TL176-13RE	198.5	199.5	1327111	3.00	4.84	74.00	499.00	2.00	11.00	0.21	2.00	8.00	0.50	42.00	1.18	0.31	0.50	0.17	50.00
TL176-13RE	199.5	200.5	1327112	3.00	4.48	138.00	369.00	2.00	6.00	0.16	2.00	12.00	0.50	75.00	2.25	0.36	0.50	0.16	50.00
TL176-13RE	200.5	201.5	1327113	1.00	4.45	94.00	323.00	1.00	9.00	0.18	2.00	13.00	0.50	34.00	1.82	0.54	0.50	0.12	50.00
TL176-13RE	201.5	202.5	1327114	1.00	5.43	84.00	437.00	2.00	8.00	0.21	2.00	19.00	0.50	42.00	2.09	0.35	0.50	0.20	50.00
TL176-13RE	202.5	204.0	1327115	2.00	4.68	115.00	388.00	1.00	9.00	0.42	2.00	14.00	0.50	63.00	1.76	0.70	0.50	0.26	50.00
TL176-13RE	204.0	205.0	1327116	2.00	4.18	365.00	437.00	1.00	13.00	0.32	5.00	10.00	0.50	161.00	1.89	0.53	0.50	0.11	50.00
TL176-13RE	205.0	206.0	1327117	1.00	3.64	39.00	512.00	1.00	5.00	0.15	2.00	5.00	0.50	36.00	1.03	0.70	0.50	0.12	50.00
TL176-13RE	206.0	206.9	1327118	2.00	5.38	52.00	535.00	2.00	11.00	0.31	2.00	6.00	0.50	44.00	1.12	0.31	0.50	0.18	50.00
TL176-13RE	206.9	207.9	1327119	2.00	5.08	41.00	556.00	1.00	10.00	0.36	2.00	6.00	0.50	26.00	1.00	0.37	0.50	0.26	50.00
TL176-13RE	207.9	209.4	1327121	2.00	4.98	44.00	484.00	1.00	12.00	1.34	2.00	6.00	0.50	24.00	1.22	0.13	0.50	0.60	410.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL176-13RE	134.5	136.0	1327091	0.50	32.00	381.00	6.00	1.14	2.50	18.00	5.00	181.00	1440.00	1.00	40.00	5.00	4.00	18.00
TL176-13RE	136.0	137.5	1327092	0.50	27.00	351.00	4.00	1.19	2.50	12.00	5.00	185.00	1416.00	1.00	35.00	5.00	4.00	19.00
TL176-13RE	137.5	138.5	1327093	0.50	35.00	336.00	2.00	0.84	2.50	8.00	5.00	221.00	1486.00	1.00	42.00	5.00	3.00	12.00
TL176-13RE	138.5	139.5	1327094	0.50	40.00	381.00	8.00	1.19	2.50	11.00	5.00	232.00	1291.00	1.00	43.00	5.00	4.00	24.00
TL176-13RE	139.5	140.6	1327095	0.50	32.00	352.00	8.00	0.89	2.50	10.00	5.00	197.00	1303.00	1.00	38.00	5.00	3.00	10.00
TL176-13RE	140.6	142.1	1327096	0.50	35.00	381.00	9.00	0.67	2.50	18.00	5.00	219.00	1343.00	1.00	36.00	5.00	4.00	36.00
TL176-13RE	183.9	184.9	1327097	0.50	43.00	367.00	1306.00	1.53	2.50	15.00	5.00	121.00	1414.00	1.00	47.00	30.00	6.00	2509.00
TL176-13RE	184.9	186.4	1327098	0.50	30.00	418.00	37.00	0.58	2.50	12.00	5.00	103.00	1384.00	1.00	37.00	5.00	5.00	47.00
TL176-13RE	186.4	187.9	1327099	0.50	28.00	386.00	22.00	0.62	2.50	15.00	5.00	94.00	1102.00	1.00	33.00	5.00	5.00	40.00
TL176-13RE	187.9	189.0	1327101	0.50	29.00	371.00	107.00	1.45	2.50	9.00	5.00	69.00	1077.00	1.00	39.00	5.00	4.00	464.00
TL176-13RE	189.0	190.5	1327102	0.50	40.00	390.00	55.00	1.35	2.50	15.00	5.00	92.00	861.00	1.00	40.00	5.00	4.00	132.00
TL176-13RE	190.5	192.0	1327103	0.50	34.00	408.00	47.00	1.67	2.50	8.00	5.00	90.00	896.00	1.00	40.00	5.00	4.00	103.00
TL176-13RE	192.0	193.5	1327104	0.50	35.00	401.00	57.00	1.46	2.50	11.00	5.00	86.00	923.00	1.00	40.00	5.00	4.00	75.00
TL176-13RE	193.5	195.0	1327105	0.50	42.00	408.00	45.00	1.31	2.50	17.00	5.00	90.00	1016.00	1.00	43.00	5.00	3.00	33.00
TL176-13RE	193.5	195.0	1327106	0.50	31.00	408.00	45.00	1.23	2.50	5.00	11.00	88.00	1003.00	1.00	38.00	5.00	3.00	38.00
TL176-13RE	195.0	196.5	1327107	0.50	29.00	408.00	43.00	0.01	2.50	5.00	10.00	86.00	960.00	1.00	34.00	5.00	3.00	38.00
TL176-13RE	196.5	197.5	1327108	0.50	33.00	455.00	39.00	0.67	2.50	11.00	5.00	87.00	978.00	1.00	34.00	5.00	5.00	51.00
TL176-13RE	197.5	198.5	1327109	0.50	43.00	445.00	180.00	1.40	2.50	6.00	5.00	81.00	987.00	1.00	39.00	5.00	4.00	472.00
TL176-13RE	198.5	199.5	1327111	0.50	37.00	436.00	103.00	1.20	5.00	7.00	5.00	69.00	985.00	1.00	42.00	5.00	4.00	100.00
TL176-13RE	199.5	200.5	1327112	0.50	69.00	203.00	292.00	2.37	17.00	11.00	5.00	64.00	838.00	1.00	60.00	5.00	4.00	628.00
TL176-13RE	200.5	201.5	1327113	0.50	63.00	271.00	53.00	1.98	2.50	13.00	5.00	66.00	793.00	1.00	60.00	5.00	4.00	495.00
TL176-13RE	201.5	202.5	1327114	0.50	78.00	372.00	51.00	2.14	2.50	7.00	5.00	72.00	974.00	1.00	91.00	5.00	5.00	211.00
TL176-13RE	202.5	204.0	1327115	0.50	77.00	250.00	154.00	1.71	9.00	6.00	5.00	73.00	773.00	1.00	66.00	10.00	5.00	371.00
TL176-13RE	204.0	205.0	1327116	0.50	52.00	245.00	134.00	2.15	5.00	10.00	5.00	68.00	682.00	1.00	48.00	24.00	4.00	1476.00
TL176-13RE	205.0	206.0	1327117	0.50	35.00	319.00	36.00	1.12	2.50	23.00	5.00	66.00	759.00	1.00	35.00	5.00	3.00	153.00
TL176-13RE	206.0	206.9	1327118	0.50	39.00	374.00	63.00	1.18	2.50	8.00	5.00	73.00	999.00	1.00	40.00	12.00	4.00	722.00
TL176-13RE	206.9	207.9	1327119	0.50	32.00	384.00	44.00	0.99	2.50	9.00	5.00	70.00	1337.00	1.00	39.00	11.00	4.00	136.00
TL176-13RE	207.9	209.4	1327121	0.50	45.00	387.00	34.00	0.99	2.50	11.00	5.00	102.00	1214.00	1.00	39.00	5.00	4.00	80.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL176-13RE	134.5	140.6	6.1	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL176-13RE	140.6	187.9	47.3	CP	BLB	0.1	Trace cpy blebs associated w/ po mineralization
TL176-13RE	140.6	187.9	47.3	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL176-13RE	140.6	187.9	47.3	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL176-13RE	140.6	187.9	47.3	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL176-13RE	184.2	185.0	0.8	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL176-13RE	184.2	185.0	0.8	SPH	ST	1	1% sph in 1-5mm wide stringers oriented semi-parallel to foliation
TL176-13RE	187.9	207.9	20.0	PB	BLB	0.1	Trace gal blebs found associated w/ sph mineralization and occasionally w/ cpy in qtz veins
TL176-13RE	187.9	207.9	20.0	CP	BLB	0.1	Trace cpy blebs in and along margins of qtz veins
TL176-13RE	187.9	207.9	20.0	ASP	BLB	0.1	Trace asp blebs in a stringer w/ sph and py
TL176-13RE	187.9	207.9	20.0	PY	ST	3	3% py in 1-6mm wide stringers oriented semi-parallel to foliation
TL176-13RE	187.9	207.9	20.0	PY	DISS	2	2% disseminated py throughout the interval
TL176-13RE	187.9	207.9	20.0	SPH	ST	1	1% sph in 1-7mm wide stringers oriented semi-parallel to foliation
TL176-13RE	207.9	246.0	38.1	SPH	ST	0.1	Trace sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL176-13RE	207.9	246.0	38.1	PY	ST	0.1	Trace to 1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL176-13RE	207.9	246.0	38.1	PY	DISS	1	1% disseminated py throughout the interval
TL176-13RE	207.9	246.0	38.1	PO	BLB	0.1	Trace po blebs in and along margins of qtz-amph veins
TL176-13RE	235.4	235.6	0.2	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL176-13RE	17.0	17.0	0.0	FOL		45	
TL176-13RE	26.0	26.0	0.0	FOL		33	
TL176-13RE	35.0	35.0	0.0	FOL		43	
TL176-13RE	44.0	44.0	0.0	FOL		50	
TL176-13RE	53.0	53.0	0.0	FOL		53	
TL176-13RE	62.0	62.0	0.0	FOL		54	
TL176-13RE	71.0	71.0	0.0	FOL		46	
TL176-13RE	80.0	80.0	0.0	FOL		42	
TL176-13RE	89.0	89.0	0.0	FOL		47	
TL176-13RE	98.0	98.0	0.0	FOL		46	
TL176-13RE	107.0	107.0	0.0	FOL		48	
TL176-13RE	116.0	116.0	0.0	FOL		45	
TL176-13RE	125.0	125.0	0.0	FOL		48	
TL176-13RE	134.5	140.6	6.1	FOL	Moderate	35	Moderate foliation at 35 deg TCA
TL176-13RE	134.5	140.6	6.1	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL176-13RE	140.6	164.8	24.2	FOL	Strong	45	Strong foliation at 45 deg TCA
TL176-13RE	140.6	187.9	47.3	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL176-13RE	140.6	187.9	47.3	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL176-13RE	164.8	170.5	5.8	FOL	Moderate	40	Moderate foliation at 40 deg TCA
TL176-13RE	170.5	187.9	17.4	FOL	Moderate	45	Moderate foliation at 45 deg TCA
TL176-13RE	187.9	207.9	20.0	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL176-13RE	187.9	207.9	20.0	FOL	Moderate	45	Moderate foliation at 45 deg TCA
TL176-13RE	198.0	198.5	0.5	FTZ	Very Weak	45	V. weak fault zone oriented parallel to foliation and infilled w/ gouge
TL176-13RE	207.9	222.4	14.5	FOL	Very Strong	45	V. strong foliation at 45 deg TCA
TL176-13RE	207.9	246.0	38.1	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL176-13RE	207.9	246.0	38.1	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL176-13RE	207.9	246.0	38.1	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL176-13RE	222.4	246.0	23.6	FOL	Strong	50	Strong foliation at 50 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL176-13RE	134.5	140.6	6.1	SI	Patchy	Strong	Strong patchy sil alt
TL176-13RE	134.5	140.6	6.1	SR	Patchy	Very Strong	V. strong patchy ser alt, 90% ser to 10% bio
TL176-13RE	140.6	160.9	20.3	SR	Patchy	Weak	Weak patchy ser alt, 25% ser to 75% bio
TL176-13RE	140.6	187.9	47.3	SI	Patchy	Strong	Strong patchy silicification
TL176-13RE	160.9	184.2	23.3	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL176-13RE	184.2	186.3	2.0	SR	Patchy	Moderate	Moderate patchy ser alt, 40% ser to 60% bio
TL176-13RE	186.3	187.9	1.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL176-13RE	187.9	199.5	11.6	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL176-13RE	187.9	207.9	20.0	SI	Patchy	Weak	Weak to very weak patchy sil alt
TL176-13RE	199.5	207.9	8.4	CH	Patchy	Very Weak	V. weak patchy chl alt
TL176-13RE	199.5	207.9	8.4	SR	Pervasive	Very Strong	V. Strong pervasive ser alt, 95% ser to 5% bio
TL176-13RE	207.9	217.5	9.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL176-13RE	207.9	246.0	38.1	SI	Patchy	Weak	Weak to very weak patchy silicification
TL176-13RE	217.5	246.0	28.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL176-13RE	135	138	3	2.92	2.64	97.33	88	7	
TL176-13RE	138	141	3	2.99	2.69	99.67	89.67	6	
TL176-13RE	141	144	3	3.02	2.68	100.67	89.33	8	
TL176-13RE	144	147	3	2.99	2.8	99.67	93.33	5	
TL176-13RE	147	150	3	3.01	3.01	100.33	100.33	4	
TL176-13RE	150	153	3	2.97	2.92	99	97.33	9	
TL176-13RE	153	156	3	3.01	2.45	100.33	81.67	10	
TL176-13RE	156	159	3	2.94	2.88	98	96	5	
TL176-13RE	159	162	3	3	2.87	100	95.67	5	
TL176-13RE	162	165	3	3	3	100	100	4	
TL176-13RE	165	168	3	2.97	2.74	99	91.33	8	
TL176-13RE	168	171	3	3.03	2.83	101	94.33	7	
TL176-13RE	171	174	3	2.99	2.82	99.67	94	6	
TL176-13RE	174	177	3	2.95	2.78	98.33	92.67	4	
TL176-13RE	177	180	3	3	2.71	100	90.33	6	
TL176-13RE	180	183	3	3.03	2.78	101	92.67	7	
TL176-13RE	183	186	3	2.98	2.73	99.33	91	8	
TL176-13RE	186	189	3	3.02	2.18	100.67	72.67	24	
TL176-13RE	189	192	3	2.99	1.82	99.67	60.67	18	
TL176-13RE	192	195	3	2.95	2.4	98.33	80	15	
TL176-13RE	195	198	3	3.01	2.83	100.33	94.33	5	
TL176-13RE	198	201	3	2.98	2.03	99.33	67.67	27	
TL176-13RE	201	204	3	2.99	2.72	99.67	90.67	9	
TL176-13RE	204	207	3	2.96	2.43	98.67	81	11	
TL176-13RE	207	210	3	3	2.81	100	93.67	8	
TL176-13RE	210	213	3	2.99	2.49	99.67	83	11	
TL176-13RE	213	216	3	2.93	2.58	97.67	86	8	
TL176-13RE	216	219	3	2.97	2.77	99	92.33	8	
TL176-13RE	219	222	3	3.02	2.23	100.67	74.33	13	
TL176-13RE	222	225	3	2.99	2.86	99.67	95.33	6	
TL176-13RE	225	228	3	3	2.83	100	94.33	9	
TL176-13RE	228	231	3	2.95	2.11	98.33	70.33	12	
TL176-13RE	231	234	3	2.98	2.63	99.33	87.67	10	
TL176-13RE	234	237	3	3	3	100	100	5	
TL176-13RE	237	240	3	3.01	2.67	100.33	89	12	
TL176-13RE	240	243	3	2.97	2.18	99	72.67	20	
TL176-13RE	243	246	3	3	2.8	100	93.33	7	EOH

Hole Number: TL180-13RE

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511933.17	North:	Collar Az: 360.00
Location: Zealand Township	East: 528226.14	East:	Length: 321.00
	Elev: 396.06	Elev:	Start Depth: 0.00
Date Started: Jun 03, 1997	Collar Survey: Y	Plugged: N	Contractor: Bradley Bros
Date Completed: Jun 06, 1997	Multishot Survey: N	Hole Size: NQ	Core Storage: Dumped
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 321.00

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

The main zone in this hole (148.5-158.4 m) appears to be sub-ore grade in character; it is not strongly enriched in sulphides. The most prospective interval is 150.0-153.0 m.

The Main zone was intercepted at a vertical depth of about -130.0 m, due to rapid flattening of the drill hole.

Assay samples: K8244-K8314 (71 samples).

Old Teck hole re-entered in 2013 at 197.68m

MSS C-Zone from 235.48m-248.75m

This C-Zone MSS has moderate F2 folding and several small fault zones. The alteration in this unit consists of very strong patchy sericitic alteration and weak patchy silicification. The mineralization in this unit consists of 2% pyrite in stringers, 1% disseminated pyrite, 1% sphalerite in stringers, trace galena blabs and trace chalcopyrite blebs.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	1.00	-62.00	EZ Sho	OK		24.00	1.70	-61.20	EZ Sho	OK	
51.00	2.20	-60.90	EZ Sho	OK		102.00	2.40	-59.50	EZ Sho	OK	
150.00	2.50	-57.90	EZ Sho	OK		204.00	2.10	-56.50	EZ Sho	OK	
252.00	2.10	-55.50	EZ Sho	OK		300.00	2.00	-54.30	EZ Sho	OK	
321.00	1.70	-53.00	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
0.00	13.00	OB, Overburden									
13.00	17.60	BMS, Biotite Muscovite Schist									
17.60	67.80	BMS, Biotite Muscovite Schist	K8244	56.00	57.50	1.50	0.03				
			K8245	57.50	59.00	1.50	0.03				
			K8246	59.00	60.50	1.50	0.05				
			K8247	60.50	62.00	1.50	0.02				
			K8248	62.00	63.50	1.50	0.01				
			K8249	63.50	65.00	1.50	0.04				
			K8250	65.00	66.50	1.50	0.21				
			K8251	66.50	67.80	1.30	0.11				
67.80	81.70	BMS, Biotite Muscovite Schist	K8252	67.80	69.30	1.50	0.07				
			K8253	69.30	70.80	1.50	0.03				

DETAILED LOG

Hole Number: TL180-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
81.70	86.00	BMS, Biotite Muscovite Schist	K8254	83.00	84.50	1.50	0.15				
			K8255	84.50	86.00	1.50	0.23				
86.00	101.60	MSS, Muscovite Sericite Schist	K8256	86.00	87.50	1.50	0.68				
			K8257	87.50	89.00	1.50	0.04				
			K8258	89.00	90.50	1.50	0.03				
			K8259	90.50	92.00	1.50	0.10				
			K8260	92.00	93.50	1.50	0.01				
			K8261	93.50	95.00	1.50	0.01				
			K8262	95.00	96.50	1.50	0.03				
			K8263	96.50	98.00	1.50	0.01				
			K8264	98.00	99.50	1.50	0.01				
101.60	116.50	BMS, Biotite Muscovite Schist									
116.50	120.80	MSS, Muscovite Sericite Schist									
120.80	132.50	BMS, Biotite Muscovite Schist	K8265	123.50	125.00	1.50	0.22				
			K8266	125.00	126.50	1.50	0.05				
			K8267	126.50	128.00	1.50	0.02				
			K8268	128.00	129.50	1.50	0.02				
			K8269	129.50	131.00	1.50	0.01				
			K8270	131.00	132.50	1.50	0.03				
132.50	134.00	MSS, Muscovite Sericite Schist	K8271	132.50	134.00	1.50	2.50				
134.00	148.50	BMS, Biotite Muscovite Schist	K8272	134.00	135.50	1.50	0.03				
			K8273	135.50	137.00	1.50	0.06				
			K8274	137.00	138.50	1.50	0.02				
			K8275	138.50	140.00	1.50	0.03				
			K8276	140.00	141.50	1.50	0.41				
			K8277	141.50	143.00	1.50	0.04				
			K8278	143.00	144.50	1.50	0.05				
			K8279	144.50	146.00	1.50	0.11				
			K8280	146.00	147.50	1.50	0.06				
			K8281	147.50	148.50	1.00	0.10				
148.50	158.40	MSS, Muscovite Sericite Schist	K8282	148.50	150.00	1.50	0.20				
			K8283	150.00	151.50	1.50	44.29				
			K8284	151.50	153.00	1.50	1.34				
			K8285	153.00	154.50	1.50	1.76				
			K8286	154.50	156.00	1.50	0.30				
			K8287	156.00	157.00	1.00	0.42				
			K8288	157.00	158.40	1.40	2.32				
158.40	164.00	BMS, Biotite Muscovite Schist	K8289	158.40	159.50	1.10	0.06				
			K8290	159.50	161.00	1.50	0.14				
			K8291	161.00	162.50	1.50	0.26				
			K8292	162.50	164.00	1.50	2.14				

DETAILED LOG

Hole Number: TL180-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
164.00	167.00	MSS, Muscovite Sericite Schist	K8293	164.00	165.50	1.50	0.39				
			K8294	165.50	167.00	1.50	0.09				
167.00	197.95	BMS, Biotite Muscovite Schist	K8295	167.00	168.50	1.50	0.18				
			K8296	168.50	170.00	1.50	0.02				
			K8297	170.00	171.50	1.50	0.01				
			K8298	171.50	173.00	1.50	0.01				
			K8299	173.00	174.50	1.50	0.01				
			K8300	174.50	176.00	1.50	0.01				
			K8301	176.00	177.50	1.50	0.01				
			K8302	177.50	179.00	1.50	0.01				
			K8303	179.00	180.50	1.50	0.01				
			K8304	180.50	182.00	1.50	0.01				
			K8305	182.00	183.50	1.50	0.01				
			K8306	183.50	185.00	1.50	0.01				
			K8307	185.00	186.50	1.50	0.01				
			K8308	186.50	188.00	1.50	0.01				
			K8309	188.00	189.50	1.50	0.01				
			K8310	189.50	191.00	1.50	0.01				
			K8311	191.00	192.50	1.50	0.01				
			K8312	192.50	194.00	1.50	0.01				
			K8313	194.00	195.50	1.50	0.01				
			K8314	195.50	197.00	1.50	0.01				
			1327122	197.68	199.00	1.32	0.00				
197.95	203.38	MSS, Muscovite Sericite Schist	1327123	199.00	200.00	1.00	0.00				
		This MSS unit has very strong patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with trace disseminated pyrite and trace pyrite in stringers.	1327124	200.00	201.00	1.00	0.00				
			1327126	201.00	202.00	1.00	0.00				
			1327125	201.00	202.00	1.00	0.00				
			1327127	202.00	203.50	1.50	0.00				
203.38	235.48	BMS, Biotite Muscovite Schist	1327128	203.50	205.00	1.50	0.00				
		This BMS unit has very weak patchy sericitic alteration except for a 2-3m wide patch towards the lower contact of the unit where it is very strong. The silicification in this unit is strong and patchy. The mineralization in this unit is poor with trace to 1% disseminated pyrite, 1% pyrite in stringers, trace galena blebs, and trace pyrrhotite blebs.	1327129	223.50	225.00	1.50	0.29				
			1327131	225.00	226.50	1.50	0.00				
			1327132	226.50	228.00	1.50	0.00				
			1327133	228.00	229.00	1.00	0.05				
			1327134	229.00	230.00	1.00	0.15				
			1327135	230.00	231.00	1.00	0.03				
			1327136	231.00	232.50	1.50	0.01				
			1327137	232.50	234.00	1.50	0.03				
			1327138	234.00	235.50	1.50	0.01				

DETAILED LOG

Hole Number: TL180-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
284.64	310.67	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit contains 1% pyrite in stringers, 1% disseminated pyrite, Trace to 1% sph in stringers, trace galena blebs and trace pyrrhotite blebs.	1327168	288.00	289.50	1.50	0.37				
			1327169	289.50	291.00	1.50	0.04				
			1327171	291.00	292.50	1.50	0.22				
			1327172	292.50	294.00	1.50	0.16				
			1327173	294.00	295.00	1.00	0.02				
			1327174	295.00	296.00	1.00	0.05				
			1327175	296.00	297.00	1.00	0.26				
			1327176	297.00	298.00	1.00	0.05				
			1327177	298.00	299.00	1.00	0.37				
			1327178	299.00	300.00	1.00	0.43				
			1327179	300.00	301.50	1.50	0.08				
			1327181	301.50	303.00	1.50	0.08				
			1327182	303.00	304.00	1.00	0.02				
			1327183	304.00	305.00	1.00	0.03				
			1327184	305.00	306.50	1.50	0.02				
			1327185	306.50	308.00	1.50	0.08				
			1327186	306.50	308.00	1.50	0.01				
			1327187	308.00	309.50	1.50	0.01				
			1327188	309.50	310.50	1.00	0.13				
			1327189	310.50	312.00	1.50	0.06				
310.67	321.00	MSED, Metasediment									

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
K8244	56.00	57.50	0.0300				
K8245	57.50	59.00	0.0250				
K8246	59.00	60.50	0.0500				
K8247	60.50	62.00	0.0150				
K8248	62.00	63.50	0.0130				
K8249	63.50	65.00	0.0350				
K8250	65.00	66.50	0.2100				
K8251	66.50	67.80	0.1100				
K8252	67.80	69.30	0.0700				
K8253	69.30	70.80	0.0250				
K8254	83.00	84.50	0.1500				
K8255	84.50	86.00	0.2300				
K8256	86.00	87.50	0.6800				
K8257	87.50	89.00	0.0400				
K8258	89.00	90.50	0.0250				
K8259	90.50	92.00	0.0950				

Hole Number: TL180-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
K8260	92.00	93.50	0.0050				
K8261	93.50	95.00	0.0050				
K8262	95.00	96.50	0.0250				
K8263	96.50	98.00	0.0050				
K8264	98.00	99.50	0.0050				
K8265	123.50	125.00	0.2200				
K8266	125.00	126.50	0.0500				
K8267	126.50	128.00	0.0200				
K8268	128.00	129.50	0.0200				
K8269	129.50	131.00	0.0100				
K8270	131.00	132.50	0.0250				
K8271	132.50	134.00	2.5000				
K8272	134.00	135.50	0.0300				
K8273	135.50	137.00	0.0550				
K8274	137.00	138.50	0.0200				
K8275	138.50	140.00	0.0300				
K8276	140.00	141.50	0.4100				
K8277	141.50	143.00	0.0350				
K8278	143.00	144.50	0.0530				
K8279	144.50	146.00	0.1100				
K8280	146.00	147.50	0.0550				
K8281	147.50	148.50	0.1000				
K8282	148.50	150.00	0.2000				
K8283	150.00	151.50	44.2900				
K8284	151.50	153.00	1.3400				
K8285	153.00	154.50	1.7600				
K8286	154.50	156.00	0.3000				
K8287	156.00	157.00	0.4200				
K8288	157.00	158.40	2.3200				
K8289	158.40	159.50	0.0550				
K8290	159.50	161.00	0.1400				
K8291	161.00	162.50	0.2600				
K8292	162.50	164.00	2.1400				
K8293	164.00	165.50	0.3850				
K8294	165.50	167.00	0.0900				
K8295	167.00	168.50	0.1800				
K8296	168.50	170.00	0.0150				
K8297	170.00	171.50	0.0050				
K8298	171.50	173.00	0.0050				

Hole Number: TL180-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
K8299	173.00	174.50	0.0050				
K8300	174.50	176.00	0.0050				
K8301	176.00	177.50	0.0050				
K8302	177.50	179.00	0.0050				
K8303	179.00	180.50	0.0100				
K8304	180.50	182.00	0.0100				
K8305	182.00	183.50	0.0050				
K8306	183.50	185.00	0.0050				
K8307	185.00	186.50	0.0050				
K8308	186.50	188.00	0.0050				
K8309	188.00	189.50	0.0100				
K8310	189.50	191.00	0.0050				
K8311	191.00	192.50	0.0050				
K8312	192.50	194.00	0.0050				
K8313	194.00	195.50	0.0050				
K8314	195.50	197.00	0.0050				
1327122	197.68	199.00	0.0005				
1327123	199.00	200.00	0.0010				
1327124	200.00	201.00	0.0005				
1327125	201.00	202.00	0.0030				
1327127	202.00	203.50	0.0030				
1327128	203.50	205.00	0.0030				
1327129	223.50	225.00	0.2890				
1327131	225.00	226.50	0.0020				
1327132	226.50	228.00	0.0040				
1327133	228.00	229.00	0.0510				
1327134	229.00	230.00	0.1510				
1327135	230.00	231.00	0.0310				
1327136	231.00	232.50	0.0050				
1327137	232.50	234.00	0.0290				
1327138	234.00	235.50	0.0080				
1327139	235.50	237.00	0.0890				
1327141	237.00	238.50	0.0310				
1327142	238.50	240.00	0.0230				
1327143	240.00	241.00	0.0800				
1327144	241.00	242.00	0.1130				
1327145	242.00	243.00	0.4360				
1327147	243.00	244.00	1.2130				
1327148	244.00	245.00	0.2820				

Hole Number: TL180-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327149	245.00	246.00	0.2190				
1327151	246.00	247.00	0.4840				
1327152	247.00	248.00	0.0380				
1327153	248.00	249.00	0.0290				
1327154	249.00	250.50	0.0210				
1327155	250.50	252.00	0.0270				
1327156	252.00	253.50	0.0320				
1327157	253.50	255.00	0.0220				
1327158	255.00	256.00	0.0220				
1327159	256.00	257.00	0.0030				
1327161	257.00	258.50	0.0200				
1327162	258.50	260.00	0.0260				
1327163	260.00	261.50	0.0270				
1327164	261.50	263.00	0.0310				
1327165	263.00	264.00	0.1010				
1327167	264.00	265.50	0.0470				
1327168	288.00	289.50	0.3690				
1327169	289.50	291.00	0.0410				
1327171	291.00	292.50	0.2210				
1327172	292.50	294.00	0.1630				
1327173	294.00	295.00	0.0190				
1327174	295.00	296.00	0.0450				
1327175	296.00	297.00	0.2590				
1327176	297.00	298.00	0.0520				
1327177	298.00	299.00	0.3730				
1327178	299.00	300.00	0.4260				
1327179	300.00	301.50	0.0760				
1327181	301.50	303.00	0.0760				
1327182	303.00	304.00	0.0150				
1327183	304.00	305.00	0.0290				
1327184	305.00	306.50	0.0210				
1327185	306.50	308.00	0.0800				
1327187	308.00	309.50	0.0060				
1327188	309.50	310.50	0.1340				
1327189	310.50	312.00	0.0570				
Sample Type	CDUP						
1327126	201.00	202.00	0.0005				
1327146	242.00	243.00	0.4540				
1327166	263.00	264.00	0.0930				

Hole Number: TL180-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type CDUP							
1327186	306.50	308.00	0.0120				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL180-13RE	197.7	199.0	1327122	1.00	5.97	24.00	476.00	1.00	0.50	1.84	2.00	8.00	0.50	9.00	1.58	0.33	9.00	0.91	309.00
TL180-13RE	199.0	200.0	1327123	1.00	4.64	30.00	447.00	2.00	12.00	0.82	2.00	8.00	0.50	9.00	1.54	0.24	0.50	0.53	242.00
TL180-13RE	200.0	201.0	1327124	1.00	3.44	34.00	260.00	1.00	14.00	0.43	2.00	3.00	0.50	5.00	0.99	0.35	0.50	0.19	104.00
TL180-13RE	201.0	202.0	1327125	0.50	4.85	28.00	387.00	1.00	7.00	0.62	2.00	6.00	0.50	5.00	1.32	0.27	0.50	0.39	213.00
TL180-13RE	201.0	202.0	1327126	0.50	4.26	28.00	378.00	1.00	8.00	0.47	2.00	4.00	0.50	5.00	1.28	0.28	0.50	0.37	202.00
TL180-13RE	202.0	203.5	1327127	1.00	5.26	28.00	435.00	1.00	14.00	0.75	2.00	6.00	0.50	6.00	1.57	0.40	0.50	0.45	225.00
TL180-13RE	203.5	205.0	1327128	2.00	5.61	24.00	497.00	1.00	7.00	1.65	2.00	8.00	0.50	8.00	1.64	0.27	2.00	0.85	494.00
TL180-13RE	223.5	225.0	1327129	2.00	5.34	38.00	353.00	1.00	4.00	1.71	2.00	7.00	0.50	38.00	1.59	0.18	1.00	0.78	350.00
TL180-13RE	225.0	226.5	1327131	1.00	5.60	21.00	333.00	1.00	11.00	2.03	2.00	8.00	0.50	6.00	1.42	0.31	0.50	0.88	295.00
TL180-13RE	226.5	228.0	1327132	2.00	4.43	18.00	295.00	1.00	10.00	1.05	2.00	6.00	0.50	8.00	1.30	0.18	0.50	0.54	230.00
TL180-13RE	228.0	229.0	1327133	2.00	4.50	24.00	331.00	1.00	8.00	0.82	2.00	8.00	0.50	13.00	1.37	0.27	0.50	0.39	196.00
TL180-13RE	229.0	230.0	1327134	2.00	2.66	55.00	187.00	1.00	11.00	0.22	2.00	7.00	0.50	16.00	1.38	0.30	0.50	0.31	133.00
TL180-13RE	230.0	231.0	1327135	1.00	4.57	42.00	342.00	1.00	16.00	0.77	2.00	7.00	0.50	8.00	1.34	0.15	0.50	0.41	203.00
TL180-13RE	231.0	232.5	1327136	2.00	5.00	57.00	300.00	1.00	10.00	1.61	2.00	15.00	0.50	38.00	2.56	0.25	0.50	0.86	594.00
TL180-13RE	232.5	234.0	1327137	0.50	3.31	30.00	242.00	2.00	10.00	1.10	2.00	9.00	0.50	32.00	1.79	0.15	0.50	0.81	419.00
TL180-13RE	234.0	235.5	1327138	2.00	5.62	39.00	540.00	2.00	13.00	2.16	2.00	7.00	0.50	9.00	1.48	0.29	0.50	0.88	405.00
TL180-13RE	235.5	237.0	1327139	1.00	5.08	40.00	497.00	2.00	9.00	0.43	2.00	7.00	0.50	8.00	1.30	0.12	0.50	0.27	102.00
TL180-13RE	237.0	238.5	1327141	1.00	5.01	37.00	494.00	1.00	10.00	0.75	2.00	7.00	0.50	9.00	1.18	0.19	0.50	0.38	163.00
TL180-13RE	238.5	240.0	1327142	1.00	4.82	37.00	434.00	1.00	10.00	1.13	2.00	7.00	0.50	13.00	1.26	0.32	0.50	0.60	298.00
TL180-13RE	240.0	241.0	1327143	1.00	3.95	56.00	529.00	1.00	13.00	0.26	2.00	12.00	0.50	29.00	1.68	0.24	0.50	0.25	50.00
TL180-13RE	241.0	242.0	1327144	3.00	4.45	52.00	578.00	1.00	6.00	0.10	2.00	7.00	0.50	23.00	1.22	0.20	0.50	0.16	50.00
TL180-13RE	242.0	243.0	1327145	2.00	1.69	110.00	813.00	1.00	13.00	0.01	2.00	10.00	0.50	52.00	1.55	0.09	0.50	0.15	50.00
TL180-13RE	242.0	243.0	1327146	2.00	3.89	107.00	1236.00	2.00	7.00	0.14	2.00	10.00	0.50	34.00	1.72	0.15	0.50	0.20	50.00
TL180-13RE	243.0	244.0	1327147	4.00	1.70	174.00	230.00	1.00	10.00	0.03	5.00	8.00	0.50	110.00	2.28	0.09	0.50	0.21	50.00
TL180-13RE	244.0	245.0	1327148	2.00	3.59	118.00	709.00	2.00	7.00	0.01	5.00	8.00	0.50	98.00	1.35	0.12	0.50	0.12	50.00
TL180-13RE	245.0	246.0	1327149	2.00	4.85	79.00	501.00	2.00	9.00	0.06	4.00	18.00	0.50	101.00	1.66	0.30	0.50	0.36	50.00
TL180-13RE	246.0	247.0	1327151	2.00	4.13	50.00	424.00	2.00	12.00	0.07	2.00	9.00	0.50	127.00	1.43	0.21	0.50	0.16	50.00
TL180-13RE	247.0	248.0	1327152	0.50	2.13	32.00	285.00	1.00	6.00	0.01	2.00	5.00	0.50	14.00	0.76	0.26	0.50	0.11	50.00
TL180-13RE	248.0	249.0	1327153	1.00	4.28	35.00	457.00	1.00	6.00	0.47	2.00	6.00	0.50	21.00	1.01	0.22	0.50	0.33	142.00
TL180-13RE	249.0	250.5	1327154	1.00	4.48	28.00	357.00	1.00	6.00	1.60	2.00	8.00	0.50	20.00	1.26	0.19	0.50	0.85	514.00
TL180-13RE	250.5	252.0	1327155	0.50	4.31	40.00	336.00	1.00	7.00	1.40	2.00	6.00	0.50	10.00	1.32	0.08	0.50	1.06	563.00
TL180-13RE	252.0	253.5	1327156	0.50	4.05	32.00	346.00	1.00	8.00	1.43	2.00	6.00	0.50	18.00	1.62	0.05	0.50	1.11	509.00
TL180-13RE	253.5	255.0	1327157	0.50	4.93	36.00	412.00	1.00	9.00	1.61	2.00	10.00	2154.0	34.00	3.56	0.20	0.50	1.19	567.00
TL180-13RE	255.0	256.0	1327158	0.50	4.81	24.00	453.00	1.00	14.00	1.76	2.00	7.00	0.50	15.00	1.71	0.13	0.50	1.22	499.00
TL180-13RE	256.0	257.0	1327159	0.50	5.24	21.00	408.00	1.00	9.00	1.51	2.00	7.00	0.50	4.00	1.72	0.26	0.50	1.57	531.00
TL180-13RE	257.0	258.5	1327161	1.00	5.44	35.00	432.00	1.00	4.00	1.66	2.00	7.00	0.50	17.00	1.75	0.19	0.50	1.32	538.00
TL180-13RE	258.5	260.0	1327162	1.00	4.54	24.00	352.00	1.00	7.00	1.12	2.00	5.00	0.50	26.00	1.42	0.44	0.50	0.99	421.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL180-13RE	197.7	199.0	1327122	0.50	11.00	492.00	12.00	1.06	2.50	6.00	5.00	268.00	1506.00	1.00	34.00	5.00	6.00	48.00
TL180-13RE	199.0	200.0	1327123	0.50	22.00	454.00	4.00	1.40	2.50	5.00	5.00	188.00	1179.00	1.00	29.00	5.00	5.00	31.00
TL180-13RE	200.0	201.0	1327124	0.50	52.00	351.00	10.00	0.92	2.50	15.00	5.00	150.00	616.00	1.00	22.00	5.00	4.00	2.00
TL180-13RE	201.0	202.0	1327125	0.50	31.00	484.00	12.00	1.27	2.50	6.00	5.00	177.00	808.00	1.00	29.00	5.00	4.00	13.00
TL180-13RE	201.0	202.0	1327126	0.50	36.00	485.00	3.00	1.22	2.50	10.00	5.00	150.00	770.00	1.00	28.00	5.00	4.00	12.00
TL180-13RE	202.0	203.5	1327127	0.50	49.00	503.00	9.00	1.46	2.50	7.00	12.00	192.00	1014.00	1.00	33.00	5.00	5.00	77.00
TL180-13RE	203.5	205.0	1327128	0.50	40.00	464.00	8.00	1.19	5.00	6.00	5.00	210.00	1274.00	1.00	29.00	5.00	5.00	43.00
TL180-13RE	223.5	225.0	1327129	0.50	40.00	405.00	44.00	0.87	2.50	17.00	5.00	148.00	1301.00	1.00	33.00	5.00	6.00	267.00
TL180-13RE	225.0	226.5	1327131	0.50	45.00	419.00	14.00	0.64	2.50	9.00	5.00	129.00	1407.00	1.00	29.00	5.00	5.00	41.00
TL180-13RE	226.5	228.0	1327132	0.50	32.00	365.00	23.00	0.92	2.50	2.50	5.00	99.00	1124.00	1.00	26.00	5.00	4.00	17.00
TL180-13RE	228.0	229.0	1327133	0.50	36.00	451.00	51.00	0.98	2.50	6.00	5.00	99.00	1159.00	1.00	27.00	5.00	5.00	59.00
TL180-13RE	229.0	230.0	1327134	0.50	29.00	401.00	25.00	1.23	2.50	8.00	5.00	64.00	928.00	1.00	22.00	5.00	4.00	111.00
TL180-13RE	230.0	231.0	1327135	0.50	54.00	406.00	21.00	0.99	2.50	2.50	5.00	80.00	1251.00	1.00	27.00	5.00	4.00	29.00
TL180-13RE	231.0	232.5	1327136	0.50	64.00	365.00	61.00	1.49	2.50	13.00	5.00	93.00	1672.00	1.00	52.00	5.00	11.00	139.00
TL180-13RE	232.5	234.0	1327137	0.50	54.00	368.00	27.00	0.82	2.50	5.00	5.00	69.00	1368.00	1.00	36.00	5.00	7.00	57.00
TL180-13RE	234.0	235.5	1327138	0.50	30.00	467.00	32.00	0.80	2.50	13.00	5.00	114.00	1553.00	1.00	30.00	5.00	5.00	28.00
TL180-13RE	235.5	237.0	1327139	0.50	33.00	427.00	22.00	1.23	2.50	9.00	5.00	66.00	1430.00	1.00	27.00	5.00	5.00	42.00
TL180-13RE	237.0	238.5	1327141	0.50	29.00	442.00	24.00	1.08	2.50	13.00	5.00	82.00	1309.00	1.00	27.00	5.00	5.00	21.00
TL180-13RE	238.5	240.0	1327142	0.50	27.00	435.00	28.00	0.99	2.50	10.00	5.00	88.00	1120.00	1.00	26.00	5.00	5.00	35.00
TL180-13RE	240.0	241.0	1327143	0.50	47.00	415.00	41.00	1.64	2.50	6.00	5.00	66.00	1172.00	1.00	52.00	5.00	5.00	57.00
TL180-13RE	241.0	242.0	1327144	0.50	50.00	407.00	203.00	1.18	2.50	12.00	5.00	65.00	928.00	1.00	35.00	5.00	4.00	358.00
TL180-13RE	242.0	243.0	1327145	0.50	49.00	330.00	147.00	1.69	2.50	2.50	5.00	47.00	528.00	1.00	31.00	5.00	4.00	136.00
TL180-13RE	242.0	243.0	1327146	0.50	78.00	335.00	166.00	1.76	13.00	2.50	5.00	72.00	827.00	1.00	48.00	5.00	4.00	255.00
TL180-13RE	243.0	244.0	1327147	0.50	65.00	228.00	386.00	2.49	35.00	10.00	5.00	62.00	508.00	1.00	27.00	14.00	3.00	1183.00
TL180-13RE	244.0	245.0	1327148	0.50	46.00	271.00	248.00	1.47	15.00	10.00	5.00	60.00	748.00	1.00	32.00	20.00	4.00	1359.00
TL180-13RE	245.0	246.0	1327149	0.50	73.00	423.00	188.00	1.51	2.50	18.00	5.00	65.00	947.00	1.00	73.00	12.00	6.00	937.00
TL180-13RE	246.0	247.0	1327151	0.50	69.00	373.00	56.00	1.39	2.50	6.00	5.00	61.00	891.00	1.00	42.00	5.00	4.00	542.00
TL180-13RE	247.0	248.0	1327152	0.50	31.00	398.00	27.00	0.73	2.50	6.00	5.00	38.00	697.00	1.00	20.00	5.00	3.00	34.00
TL180-13RE	248.0	249.0	1327153	0.50	47.00	417.00	27.00	0.77	2.50	10.00	5.00	70.00	1034.00	1.00	27.00	5.00	4.00	43.00
TL180-13RE	249.0	250.5	1327154	0.50	40.00	393.00	25.00	0.69	2.50	16.00	5.00	95.00	1051.00	1.00	24.00	26.00	4.00	88.00
TL180-13RE	250.5	252.0	1327155	0.50	24.00	367.00	15.00	0.65	2.50	12.00	5.00	85.00	1313.00	1.00	27.00	5.00	4.00	48.00
TL180-13RE	252.0	253.5	1327156	0.50	99.00	372.00	17.00	0.59	2.50	2.50	5.00	94.00	1263.00	1.00	28.00	5.00	4.00	42.00
TL180-13RE	253.5	255.0	1327157	0.50	176.00	398.00	12.00	0.61	2.50	14.00	5.00	146.00	1354.00	1.00	50.00	103.00	4.00	117.00
TL180-13RE	255.0	256.0	1327158	0.50	90.00	401.00	12.00	0.70	2.50	10.00	5.00	152.00	1411.00	1.00	32.00	5.00	5.00	43.00
TL180-13RE	256.0	257.0	1327159	0.50	88.00	455.00	16.00	0.48	2.50	7.00	5.00	133.00	1466.00	1.00	33.00	5.00	5.00	38.00
TL180-13RE	257.0	258.5	1327161	0.50	96.00	420.00	21.00	0.77	2.50	2.50	5.00	122.00	1345.00	1.00	31.00	5.00	5.00	43.00
TL180-13RE	258.5	260.0	1327162	0.50	46.00	379.00	15.00	0.79	2.50	2.50	5.00	93.00	1272.00	1.00	28.00	5.00	4.00	150.00

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL180-13RE	260.0	261.5	1327163	0.50	4.92	21.00	335.00	2.00	3.00	1.51	2.00	8.00	0.50	10.00	1.55	0.33	0.50	1.29	527.00
TL180-13RE	261.5	263.0	1327164	1.00	4.61	33.00	290.00	2.00	4.00	1.23	2.00	12.00	0.50	14.00	2.19	0.49	0.50	1.33	537.00
TL180-13RE	263.0	264.0	1327166	2.00	4.33	46.00	264.00	2.00	15.00	1.06	15.00	16.00	0.50	57.00	2.94	0.22	0.50	0.86	424.00
TL180-13RE	263.0	264.0	1327165	1.00	2.89	41.00	206.00	1.00	9.00	0.69	12.00	13.00	0.50	51.00	2.62	0.37	0.50	0.79	388.00
TL180-13RE	264.0	265.5	1327167	0.50	3.76	48.00	291.00	2.00	7.00	0.99	2.00	12.00	0.50	25.00	1.90	0.28	0.50	1.00	507.00
TL180-13RE	288.0	289.5	1327168	1.00	4.57	31.00	448.00	2.00	7.00	1.77	2.00	6.00	0.50	17.00	1.83	0.29	0.50	0.99	436.00
TL180-13RE	289.5	291.0	1327169	0.50	3.99	29.00	397.00	1.00	6.00	1.57	2.00	6.00	0.50	13.00	1.48	0.18	0.50	1.03	490.00
TL180-13RE	291.0	292.5	1327171	1.00	4.85	31.00	414.00	1.00	7.00	1.46	2.00	7.00	0.50	39.00	1.73	0.30	0.50	1.09	436.00
TL180-13RE	292.5	294.0	1327172	1.00	4.42	30.00	384.00	1.00	3.00	1.27	2.00	8.00	0.50	26.00	1.71	0.17	1.00	1.02	440.00
TL180-13RE	294.0	295.0	1327173	0.50	3.93	23.00	349.00	1.00	5.00	1.08	2.00	9.00	0.50	11.00	1.72	0.39	0.50	1.04	467.00
TL180-13RE	295.0	296.0	1327174	0.50	3.79	26.00	355.00	1.00	15.00	0.94	2.00	7.00	0.50	20.00	1.79	0.23	0.50	1.02	439.00
TL180-13RE	296.0	297.0	1327175	0.50	4.25	39.00	382.00	1.00	8.00	0.74	2.00	8.00	0.50	20.00	1.64	0.28	0.50	0.93	409.00
TL180-13RE	297.0	298.0	1327176	0.50	4.05	26.00	363.00	1.00	12.00	1.01	2.00	7.00	0.50	13.00	1.72	0.50	0.50	1.00	457.00
TL180-13RE	298.0	299.0	1327177	2.00	4.37	33.00	356.00	1.00	11.00	1.15	2.00	7.00	0.50	65.00	1.85	0.49	0.50	1.06	417.00
TL180-13RE	299.0	300.0	1327178	2.00	4.18	23.00	302.00	1.00	12.00	0.86	5.00	6.00	0.50	25.00	1.79	0.34	0.50	1.23	382.00
TL180-13RE	300.0	301.5	1327179	0.50	4.67	31.00	305.00	1.00	12.00	1.21	2.00	7.00	0.50	9.00	1.67	0.49	0.50	1.16	394.00
TL180-13RE	301.5	303.0	1327181	1.00	4.74	17.00	308.00	2.00	3.00	2.04	2.00	6.00	0.50	50.00	1.83	0.24	0.50	1.42	633.00
TL180-13RE	303.0	304.0	1327182	0.50	4.91	17.00	319.00	2.00	10.00	2.64	2.00	6.00	0.50	38.00	1.94	0.11	0.50	1.77	767.00
TL180-13RE	304.0	305.0	1327183	0.50	4.65	18.00	288.00	3.00	6.00	2.51	2.00	7.00	0.50	29.00	1.87	0.02	0.50	1.30	608.00
TL180-13RE	305.0	306.5	1327184	0.50	3.99	16.00	339.00	1.00	8.00	1.12	2.00	7.00	0.50	12.00	1.74	0.20	0.50	1.17	519.00
TL180-13RE	306.5	308.0	1327185	1.00	3.67	17.00	319.00	1.00	11.00	0.81	2.00	8.00	0.50	32.00	1.61	0.11	0.50	1.00	400.00
TL180-13RE	306.5	308.0	1327186	2.00	4.02	31.00	320.00	1.00	5.00	0.92	2.00	6.00	0.50	34.00	1.73	0.19	0.50	0.97	393.00
TL180-13RE	308.0	309.5	1327187	0.50	3.99	26.00	370.00	1.00	16.00	0.99	2.00	6.00	0.50	17.00	1.82	0.31	0.50	0.94	421.00
TL180-13RE	309.5	310.5	1327188	2.00	4.44	27.00	359.00	2.00	8.00	1.49	2.00	8.00	0.50	69.00	1.95	0.40	0.50	1.01	543.00
TL180-13RE	310.5	312.0	1327189	1.00	6.14	28.00	391.00	2.00	14.00	1.04	2.00	18.00	0.50	57.00	3.49	0.30	10.00	1.24	452.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL180-13RE	260.0	261.5	1327163	0.50	55.00	397.00	9.00	0.63	2.50	13.00	5.00	107.00	1347.00	1.00	29.00	5.00	4.00	48.00
TL180-13RE	261.5	263.0	1327164	0.50	56.00	413.00	26.00	0.97	2.50	7.00	5.00	87.00	1647.00	1.00	45.00	5.00	7.00	79.00
TL180-13RE	263.0	264.0	1327166	0.50	123.00	460.00	44.00	1.92	2.50	9.00	5.00	73.00	1703.00	1.00	58.00	36.00	10.00	2933.00
TL180-13RE	263.0	264.0	1327165	0.50	98.00	406.00	73.00	1.68	2.50	6.00	5.00	60.00	1558.00	1.00	53.00	28.00	9.00	2391.00
TL180-13RE	264.0	265.5	1327167	0.50	53.00	422.00	28.00	1.16	2.50	2.50	5.00	71.00	1516.00	1.00	41.00	5.00	7.00	89.00
TL180-13RE	288.0	289.5	1327168	0.50	132.00	382.00	27.00	0.57	2.50	6.00	5.00	115.00	1151.00	1.00	31.00	5.00	4.00	100.00
TL180-13RE	289.5	291.0	1327169	0.50	44.00	399.00	14.00	0.47	2.50	5.00	5.00	101.00	1283.00	1.00	29.00	5.00	4.00	97.00
TL180-13RE	291.0	292.5	1327171	0.50	90.00	393.00	16.00	0.64	2.50	6.00	5.00	102.00	1425.00	1.00	30.00	5.00	4.00	395.00
TL180-13RE	292.5	294.0	1327172	0.50	69.00	395.00	55.00	0.77	2.50	7.00	5.00	100.00	1425.00	1.00	30.00	5.00	4.00	757.00
TL180-13RE	294.0	295.0	1327173	0.50	96.00	404.00	41.00	0.48	2.50	7.00	5.00	88.00	1434.00	1.00	33.00	14.00	4.00	139.00
TL180-13RE	295.0	296.0	1327174	0.50	80.00	431.00	28.00	0.55	2.50	10.00	5.00	88.00	1431.00	1.00	32.00	5.00	4.00	266.00
TL180-13RE	296.0	297.0	1327175	0.50	72.00	428.00	98.00	0.60	2.50	13.00	5.00	84.00	1464.00	1.00	32.00	5.00	4.00	502.00
TL180-13RE	297.0	298.0	1327176	0.50	99.00	430.00	51.00	0.41	2.50	2.50	5.00	89.00	1424.00	1.00	33.00	5.00	5.00	166.00
TL180-13RE	298.0	299.0	1327177	0.50	95.00	398.00	691.00	0.79	2.50	14.00	5.00	94.00	1309.00	1.00	31.00	14.00	4.00	863.00
TL180-13RE	299.0	300.0	1327178	0.50	98.00	380.00	659.00	0.72	2.50	13.00	5.00	95.00	1232.00	1.00	30.00	19.00	4.00	1670.00
TL180-13RE	300.0	301.5	1327179	0.50	85.00	395.00	25.00	0.52	2.50	11.00	5.00	115.00	1301.00	1.00	31.00	5.00	4.00	422.00
TL180-13RE	301.5	303.0	1327181	0.50	53.00	356.00	97.00	0.72	2.50	8.00	5.00	144.00	1298.00	1.00	29.00	35.00	5.00	565.00
TL180-13RE	303.0	304.0	1327182	0.50	67.00	395.00	29.00	0.58	2.50	12.00	5.00	187.00	1351.00	1.00	29.00	5.00	5.00	749.00
TL180-13RE	304.0	305.0	1327183	0.50	93.00	378.00	26.00	0.51	2.50	13.00	5.00	180.00	1204.00	1.00	29.00	5.00	5.00	229.00
TL180-13RE	305.0	306.5	1327184	0.50	63.00	395.00	19.00	0.66	2.50	8.00	5.00	117.00	1400.00	1.00	30.00	5.00	4.00	61.00
TL180-13RE	306.5	308.0	1327185	0.50	56.00	433.00	238.00	0.42	2.50	6.00	5.00	90.00	1529.00	1.00	33.00	5.00	5.00	369.00
TL180-13RE	306.5	308.0	1327186	0.50	78.00	409.00	440.00	0.51	2.50	9.00	5.00	100.00	1473.00	1.00	32.00	5.00	4.00	467.00
TL180-13RE	308.0	309.5	1327187	0.50	114.00	407.00	104.00	0.40	2.50	11.00	5.00	92.00	1517.00	1.00	34.00	5.00	5.00	148.00
TL180-13RE	309.5	310.5	1327188	0.50	118.00	379.00	379.00	0.79	2.50	16.00	5.00	107.00	1292.00	1.00	32.00	11.00	4.00	689.00
TL180-13RE	310.5	312.0	1327189	0.50	113.00	621.00	45.00	0.91	2.50	10.00	5.00	101.00	2205.00	1.00	93.00	5.00	10.00	80.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL180-13RE	198.0	203.4	5.4	PY	DISS	0.1	Trace disseminated py
TL180-13RE	198.0	203.4	5.4	PY	ST	0.1	Trace py in 1mm wide stringers oriented semi-parallel to foliation
TL180-13RE	203.4	235.5	32.1	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL180-13RE	203.4	235.5	32.1	PO	BLB	0.1	Trace po blebs found in and along margins of qtz veins
TL180-13RE	203.4	235.5	32.1	PY	ST	1	1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL180-13RE	223.5	225.0	1.5	PB	BLB	0.1	Trace gal in very small blebs associated w/ sph mineralization
TL180-13RE	223.5	231.0	7.5	SPH	ST	0.1	Trace sph in 1-2mm wide stringers and as rare blebs in qtz veins
TL180-13RE	235.5	248.8	13.3	PY	DISS	1	1% disseminated py throughout the interval
TL180-13RE	235.5	248.8	13.3	PY	ST	2	2% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL180-13RE	235.5	248.8	13.3	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL180-13RE	235.5	248.8	13.3	CP	BLB	0.1	Trace cpy blebs found in and along margins of qtz veins
TL180-13RE	235.5	248.8	13.3	SPH	ST	1	1% sph in 1-3mm wide stringers oriented semi-parallel to foliation
TL180-13RE	248.8	268.3	19.5	PY	DISS	1	1% disseminated py throughout the interval
TL180-13RE	248.8	268.3	19.5	PY	ST	0.1	Trace to 1% py in 1-2mm wide stringers oriented semi-parallel to foliation
TL180-13RE	248.8	268.3	19.5	CP	BLB	0.1	Trace cpy blebs associated w/ po
TL180-13RE	248.8	268.3	19.5	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation, also as rare blebs in and along margins of qtz veins
TL180-13RE	248.8	268.3	19.5	SPH	ST	0.1	Trace sph in 4mm wide stringer oriented semi-parallel to foliation
TL180-13RE	268.3	284.6	16.4	PY	DISS	0.1	Trace disseminated py
TL180-13RE	268.3	284.6	16.4	PO	ST	0.1	Trace po in 1-3mm wide stringers oriented semi-parallel to foliation
TL180-13RE	268.3	284.6	16.4	SPH	ST	0.1	Trace sph in 1-2mm wide stringers along margins of qtz-amph veins
TL180-13RE	268.3	284.6	16.4	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL180-13RE	284.6	310.7	26.0	PY	DISS	1	1% disseminated py throughout the interval
TL180-13RE	284.6	310.7	26.0	PY	ST	1	1% py in 1-5mm wide stringers oriented semi-parallel to foliation
TL180-13RE	284.6	310.7	26.0	SPH	ST	0.1	Trace to 1% sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL180-13RE	284.6	310.7	26.0	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers and qtz veins w/ py and po
TL180-13RE	284.6	310.7	26.0	PO	BLB	0.1	Trace po blebs found in and along margins of qtz-amph veins
TL180-13RE	310.7	321.0	10.3	CP	BLB	0.1	Trace cpy blebs found w/ po
TL180-13RE	310.7	321.0	10.3	PY	DISS	0.1	Trace disseminated py
TL180-13RE	310.7	321.0	10.3	PO	BLB	0.1	Trace po blebs found w/ cpy

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL180-13RE	14.0	14.0	0.0	FOL		41	
TL180-13RE	23.0	23.0	0.0	FOL		46	
TL180-13RE	32.0	32.0	0.0	FOL		43	
TL180-13RE	41.0	41.0	0.0	FOL		53	
TL180-13RE	50.0	50.0	0.0	FOL		47	
TL180-13RE	59.0	59.0	0.0	FOL		43	
TL180-13RE	68.0	68.0	0.0	FOL		43	
TL180-13RE	77.0	77.0	0.0	FOL		43	
TL180-13RE	86.0	86.0	0.0	FOL		50	
TL180-13RE	95.0	95.0	0.0	FOL		54	
TL180-13RE	104.0	104.0	0.0	FOL		46	
TL180-13RE	113.0	113.0	0.0	FOL		49	
TL180-13RE	122.0	122.0	0.0	FOL		46	
TL180-13RE	131.0	131.0	0.0	FOL		43	
TL180-13RE	140.0	140.0	0.0	FOL		40	
TL180-13RE	149.0	149.0	0.0	FOL		46	
TL180-13RE	158.0	158.0	0.0	FOL		52	
TL180-13RE	167.0	167.0	0.0	FOL		48	
TL180-13RE	176.0	176.0	0.0	FOL		45	
TL180-13RE	185.0	185.0	0.0	FOL		48	
TL180-13RE	194.0	194.0	0.0	FOL		47	
TL180-13RE	198.0	203.4	5.4	FOL	Moderate	50	Moderate foliation at 50 deg TCA
TL180-13RE	198.0	203.4	5.4	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL180-13RE	203.4	214.7	11.3	FOL	Strong	45	Strong foliation at 45 deg TCA
TL180-13RE	203.4	235.5	32.1	FR	Very Weak	40	V. weak fracture set cross cutting foliation at 40 deg TCA
TL180-13RE	203.4	235.5	32.1	FR	Very Weak	60	V. weak fracture set cross cutting foliation at 60 deg TCA
TL180-13RE	214.7	222.5	7.8	FOL	Strong	50	Strong foliation at 50 deg TCA
TL180-13RE	222.5	227.9	5.4	FOL	Strong	55	Strong foliation at 55 deg TCA
TL180-13RE	227.2	227.4	0.2	Fold	Moderate	65	Moderate circular F2 fold oriented at approximately 65 deg TCA
TL180-13RE	227.3	227.6	0.3	Fold	Strong	65	Large F2 sheath fold oriented at 65 deg TCA
TL180-13RE	227.9	230.1	2.2	FOL	Strong	40	Strong foliation at 40 deg TCA
TL180-13RE	230.1	235.5	5.4	FOL	Strong	50	Strong foliation at 50 deg TCA
TL180-13RE	231.3	231.7	0.4	Fold	Strong	20	Strong F2 folding oriented at 20 deg TCA
TL180-13RE	235.5	241.3	5.8	FOL	Strong	55	Strong foliation at 55 deg TCA
TL180-13RE	235.5	248.3	12.8	FR	Very Weak	65	V. weak fracture set cross cutting foliation at 65 deg TCA
TL180-13RE	239.5	240.0	0.5	FTZ	Weak	55	Weak fault zone oriented semi-parallel to foliation infilled w/ gouge
TL180-13RE	241.3	248.8	7.5	FOL	Strong	50	Strong foliation at 50 deg TCA
TL180-13RE	246.3	248.3	2.0	FTZ	Very Weak	55	V. weak fault zone oriented semi-parallel to foliation infilled w/ gouge
TL180-13RE	248.8	268.3	19.5	FOL	Strong	50	Strong foliation at 50 deg TCA

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL180-13RE	248.8	268.3	19.5	FR	Very Weak	65	V. weak fracture set cross cutting foliation at 65 deg TCA
TL180-13RE	268.3	272.4	4.1	FOL	Weak	45	Weak foliation at 45 deg TCA
TL180-13RE	268.3	280.7	12.4	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA infilled w/ qtz
TL180-13RE	268.3	284.6	16.4	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL180-13RE	272.4	284.6	12.2	FOL	Weak	50	Weak foliation at 50 deg TCA
TL180-13RE	284.6	289.0	4.4	FOL	Strong	60	Strong foliation at 60 deg TCA
TL180-13RE	284.6	310.7	26.0	FR	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL180-13RE	284.6	310.7	26.0	FR	Very Weak	55	V. weak fracture set cross cutting foliation at 55 deg TCA
TL180-13RE	289.0	310.7	21.7	FOL	Strong	55	Strong foliation at 55 deg TCA
TL180-13RE	310.7	321.0	10.3	FR	Very Weak	25	V. weak fracture set cross cutting foliation at 25 deg TCA
TL180-13RE	310.7	321.0	10.3	FOL	Very Weak	50	V. weak foliation at 50 deg TCA

Alteration

Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL180-13RE	198.0	203.4	5.4	SI	Pervasive	Very Strong	V. strong pervasive sil alt
TL180-13RE	198.0	203.4	5.4	SR	Patchy	Strong	Strong patchy ser alt, 75% ser to 25% bio
TL180-13RE	203.4	213.0	9.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL180-13RE	203.4	235.5	32.1	SI	Patchy	Strong	Strong patchy sil alt
TL180-13RE	213.0	228.5	15.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL180-13RE	228.5	230.7	2.2	SR	Patchy	Very Strong	V. strong patch of ser alt, 95% ser to 5% bio
TL180-13RE	230.7	235.5	4.8	SR	Patchy	Very Weak	V. weak patchy ser alt, 10% ser to 90% bio
TL180-13RE	235.5	248.8	13.3	SI	Patchy	Weak	Weak patchy sil alt
TL180-13RE	235.5	248.8	13.3	SR	Patchy	Very Strong	V. strong patchy ser alt, 85% ser to 15% bio
TL180-13RE	248.8	268.3	19.5	SI	Patchy	Moderate	Moderate patchy silicification
TL180-13RE	248.8	268.3	19.5	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL180-13RE	268.3	284.6	16.4	SI	Patchy	Moderate	Moderate patchy sil alt
TL180-13RE	268.3	284.6	16.4	SR	Patchy	Very Weak	V. weak patchy ser alt, 2-4% ser to 96-98% bio
TL180-13RE	284.6	310.7	26.0	SR	Patchy	Very Weak	V. weak to weak patchy ser alt, 20% ser to 80% bio
TL180-13RE	284.6	310.7	26.0	SI	Patchy	Strong	Strong patchy sil alt
TL180-13RE	310.7	321.0	10.3	SI	Pervasive	Strong	Strong pervasive silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL180-13RE	198	201	3	3	2.89	100	96.33	8	
TL180-13RE	201	204	3	3.05	2.8	101.67	93.33	6	
TL180-13RE	204	207	3	2.96	2.84	98.67	94.67	10	
TL180-13RE	207	210	3	2.95	2.85	98.33	95	4	
TL180-13RE	210	213	3	2.94	2.94	98	98	2	
TL180-13RE	213	216	3	2.99	2.89	99.67	96.33	6	
TL180-13RE	216	219	3	2.96	2.91	98.67	97	8	
TL180-13RE	219	222	3	2.97	2.71	99	90.33	5	
TL180-13RE	222	225	3	3.01	2.74	100.33	91.33	8	
TL180-13RE	225	228	3	2.94	2.94	98	98	2	
TL180-13RE	228	231	3	2.96	2.86	98.67	95.33	6	
TL180-13RE	231	234	3	2.95	2.92	98.33	97.33	6	
TL180-13RE	234	237	3	2.93	2.63	97.67	87.67	9	
TL180-13RE	237	240	3	2.96	2.32	98.67	77.33	14	
TL180-13RE	240	243	3	2.98	1.7	99.33	56.67	28	
TL180-13RE	243	246	3	2.95	1.89	98.33	63	22	
TL180-13RE	246	249	3	3	1.6	100	53.33	31	
TL180-13RE	249	252	3	2.95	2.51	98.33	83.67	12	
TL180-13RE	252	255	3	3	2.92	100	97.33	5	
TL180-13RE	255	258	3	3	2.77	100	92.33	5	
TL180-13RE	258	261	3	2.95	2.81	98.33	93.67	11	
TL180-13RE	261	264	3	2.97	2.9	99	96.67	7	
TL180-13RE	264	267	3	2.98	2.87	99.33	95.67	9	
TL180-13RE	267	270	3	2.93	2.72	97.67	90.67	12	
TL180-13RE	270	273	3	2.99	2.89	99.67	96.33	8	
TL180-13RE	273	276	3	2.97	2.67	99	89	11	
TL180-13RE	276	279	3	2.97	2.93	99	97.67	11	
TL180-13RE	279	282	3	2.98	2.98	99.33	99.33	9	
TL180-13RE	282	285	3	2.99	2.72	99.67	90.67	11	
TL180-13RE	285	288	3	2.93	2.85	97.67	95	5	
TL180-13RE	288	291	3	2.98	2.98	99.33	99.33	3	
TL180-13RE	291	294	3	2.96	2.8	98.67	93.33	7	
TL180-13RE	294	297	3	2.99	2.56	99.67	85.33	10	
TL180-13RE	297	300	3	2.93	2.69	97.67	89.67	8	
TL180-13RE	300	303	3	3.05	2.87	101.67	95.67	6	
TL180-13RE	303	306	3	2.99	2.91	99.67	97	5	
TL180-13RE	306	309	3	2.92	2.86	97.33	95.33	5	

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL180-13RE	309	312	3	3.12	2.3	104	76.67	15	
TL180-13RE	312	315	3	3	2.42	100	80.67	15	
TL180-13RE	315	318	3	3.02	2.52	100.67	84	19	
TL180-13RE	318	321	3	2.97	2.84	99	94.67	4	

Hole Number: TL223-13RE

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -45.00
Project Number: TMI-TL	North: 5512019.37	North:	Collar Az: 360.00
Location: Zealand Township	East: 528226.36	East:	Length: 171.00
	Elev: 396.04	Elev:	Start Depth: 0.00
Date Started: Sep 14, 1998	Collar Survey: Y	Plugged: N	Contractor: St. Lambert
Date Completed: Sep 14, 1998	Multishot Survey: N	Hole Size: NQ	Core Storage: Dumped
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 171.00

Comments: Logged by Brian Wolfe

Patent #0134 (15395 Fraser Option)

The Main Zone (32.5-40.8 m) is only weakly altered and is not strongly sulphide enriched, it consists of quartz-eye gneiss with some quartz-sericite schist. Gold mineralization is expected to be very weak.

Assay Samples: L7971-L7992 (22 samples).

Old Teck hole re-entered at 61m depth

MSS C-Zone from 111.73m-136.44m

This C-Zone MSS has very strong patchy sericitic alteration and very weak patchy silicification. There is a large fault running through this unit and is sheared parallel to foliation. This unit is well mineralized with 3% sphalerite stringers, 2% disseminated pyrite, 2% pyrite stringers, trace galena blebs, trace pyrrhotite blebs and trace chalcopyrite blebs.

This BMS unit has very weak patchy sericitic alteration and moderate patchy silicification. This unit is poorly mineralized with the exception of a 50cm wide interval containing an irregular qtz vein with an abundance of galena, sphalerite, pyrite, chalcopyrite, and Trace VG specks at 167.80m

1 speck of VG at 167.80m depth

Failed standard 1327070, batch re-ran but used different standard (CDN-GS-5D)

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0	-45.00	EZ Sho	OK		24.00	1.90	-43.00	EZ Sho	OK	
51.00	1.00	-41.40	EZ Sho	OK		102.00	1.20	-40.10	EZ Sho	OK	
150.00	358.80	-38.00	EZ Sho	OK		171.00	359.00	-37.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Ag_gpt_ALCN1
0.00	15.00	OB, Overburden									
15.00	32.50	BMS, Biotite Muscovite Schist	L7971	19.50	21.00	1.50	0.05				
			L7972	21.00	22.50	1.50	0.05				
			L7973	22.50	24.00	1.50	0.04				
			L7974	24.00	25.50	1.50	0.02				
			L7975	25.50	27.00	1.50	0.01				
			L7976	27.00	28.50	1.50	0.03				
			L7977	28.50	30.00	1.50	0.04				
			L7978	30.00	31.50	1.50	0.06				
			L7979	31.50	32.50	1.00	0.11				

Hole Number: TL223-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_gpt_ALFA	Au_gpt_ALFA	Au_ppm_ALPM	Au_gpt_ALCN1
32.50	40.80	BMS, Biotite Muscovite Schist	L7980	32.50	33.50	1.00	0.55				
			L7981	33.50	34.50	1.00	0.03				
			L7982	34.50	36.00	1.50	0.19				
			L7983	36.00	37.50	1.50	0.23				
			L7984	37.50	39.00	1.50	0.08				
			L7985	39.00	40.50	1.50	1.55				
			L7986	40.50	42.00	1.50	1.69				
40.80	60.00	BMS, Biotite Muscovite Schist	L7987	42.00	43.50	1.50	0.62				
			L7988	43.50	45.00	1.50	0.11				
			L7989	45.00	46.50	1.50	0.06				
			L7990	46.50	48.00	1.50	0.17				
			L7991	48.00	49.50	1.50	0.02				
			L7992	49.50	51.00	1.50	0.02				
60.00	111.73	BMS, Biotite Muscovite Schist Old Teck Hole Re-entered at 61m depth This BMS unit has very weak patchy sericitic alteration and strong patchy silicification. This unit is very poorly mineralized with 1% disseminated pyrite, trace to 1% pyrite in stringers, trace pyrite blebs, trace pyrrhotite blebs and trace chalcopyrite blebs.	1327056	107.20	108.70	1.50	0.07				
			1327057	108.70	110.20	1.50	0.02				
			1327058	110.20	111.70	1.50	1.17				
			1327059	111.70	113.20	1.50	0.01				
111.73	136.44	MSS, Muscovite Sericite Schist MSS C-Zone from 111.73m-136.44m This C-Zone MSS has very strong patchy sericitic alteration and very weak patchy silicification. There is a large fault running through this unit and is sheared parallel to foliation. This unit is well mineralized with 3% sphalerite stringers, 2% disseminated pyrite, 2% pyrite stringers, trace galena blebs, trace pyrrhotite blebs and trace chalcopyrite blebs.	1327061	113.20	114.70	1.50	0.09				
			1327062	114.70	115.70	1.00	0.81				
			1327063	115.70	117.00	1.30	0.29				
			1327064	117.00	118.00	1.00	0.43				
			1327066	118.00	119.00	1.00	0.31				
			1327065	118.00	119.00	1.00	0.77				
			1327067	119.00	120.00	1.00	0.28				
			1327068	120.00	121.00	1.00	0.98				
			1327069	121.00	122.00	1.00	2.65				
			1327071	122.00	123.50	1.50	0.52				
			1327072	123.50	124.50	1.00	0.26				
			1327073	124.50	126.00	1.50	2.07				
			1327074	126.00	127.50	1.50	4.67				
			1327075	127.50	129.00	1.50	0.61				
			1327076	129.00	130.50	1.50	0.14				
		1327077	130.50	132.00	1.50	0.05					
		1327078	132.00	133.00	1.00	0.02					
		1327079	133.00	134.50	1.50	0.82					
		1327081	134.50	135.50	1.00	0.15					
		1327082	135.50	136.50	1.00	0.09					
136.44	147.50	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and strong patchy silicification throughout the interval. This unit is very poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, trace sphalerite in a single stringer, and trace pyrrhotite blebs.	1327083	136.50	138.00	1.50	0.01				

Hole Number: TL223-13RE

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
147.50	162.41	MSED, Metasediment This MSED unit has very weak patchy sericitic alteration and weak pervasive silicification. This unit is very poorly mineralized with trace disseminated pyrite, trace pyrite in stringers, and trace sphalerite in a single stringer.									
162.41	171.00	BMS, Biotite Muscovite Schist This BMS unit has very weak patchy sericitic alteration and moderate patchy silicification. This unit is poorly mineralized with the exception of a 50cm wide interval containing an irregular qtz vein with an abundance of galena, sphalerite, pyrite, chalcopyrite, and Trace VG specks at 167.80m 1 speck of VG at 167.80m depth	1327084	164.60	166.10	1.50	0.03				
			1327085	166.10	167.60	1.50	0.04				
			1327086	166.10	167.60	1.50	0.09				
			1327087	167.60	168.10	0.50	1.30				
			1327088	168.10	169.50	1.40	0.06				
			1327089	169.50	171.00	1.50	0.03				

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
L7971	19.50	21.00	0.0450				
L7972	21.00	22.50	0.0500				
L7973	22.50	24.00	0.0400				
L7974	24.00	25.50	0.0150				
L7975	25.50	27.00	0.0100				
L7976	27.00	28.50	0.0250				
L7977	28.50	30.00	0.0350				
L7978	30.00	31.50	0.0600				
L7979	31.50	32.50	0.1100				
L7980	32.50	33.50	0.5500				
L7981	33.50	34.50	0.0250				
L7982	34.50	36.00	0.1900				
L7983	36.00	37.50	0.2300				
L7984	37.50	39.00	0.0750				
L7985	39.00	40.50	1.5500				
L7986	40.50	42.00	1.6900				
L7987	42.00	43.50	0.6200				
L7988	43.50	45.00	0.1100				
L7989	45.00	46.50	0.0550				
L7990	46.50	48.00	0.1700				
L7991	48.00	49.50	0.0150				
L7992	49.50	51.00	0.0150				
1327056	107.20	108.70	0.0730				
1327057	108.70	110.20	0.0230				
1327058	110.20	111.70	1.1690				
1327059	111.70	113.20	0.0090				
1327061	113.20	114.70	0.0930				

Hole Number: TL223-13RE

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_gpt_ALFA2	Au_gpt_ALFA7	Au_ppm_ALPM1	Au_gpt_ALCN1
Sample Type	ASSAY						
1327062	114.70	115.70	0.8120				
1327063	115.70	117.00	0.2900				
1327064	117.00	118.00	0.4340				
1327065	118.00	119.00	0.7670				
1327067	119.00	120.00	0.2770				
1327068	120.00	121.00	0.9830				
1327069	121.00	122.00	2.6460				
1327071	122.00	123.50	0.5190				
1327072	123.50	124.50	0.2620				
1327073	124.50	126.00	2.0670				
1327074	126.00	127.50	4.6710				
1327075	127.50	129.00	0.6120				
1327076	129.00	130.50	0.1420				
1327077	130.50	132.00	0.0520				
1327078	132.00	133.00	0.0220				
1327079	133.00	134.50	0.8190				
1327081	134.50	135.50	0.1480				
1327082	135.50	136.50	0.0900				
1327083	136.50	138.00	0.0130				
1327084	164.60	166.10	0.0250				
1327085	166.10	167.60	0.0380				
1327087	167.60	168.10	1.2970				
1327088	168.10	169.50	0.0570				
1327089	169.50	171.00	0.0280				
Sample Type	CDUP						
1327066	118.00	119.00	0.3140				
1327086	166.10	167.60	0.0910				

Multi-Element ICP Assays

Hole Number	From	To	Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm
TL223-13RE	107.2	108.7	1327056	1.00	3.04	24.00	233.00	1.00	1.00	0.78	2.00	5.00	0.50	23.00	1.36	0.21	0.50	0.57	278.00
TL223-13RE	108.7	110.2	1327057	0.50	3.63	31.00	242.00	1.00	0.50	1.11	2.00	13.00	0.50	37.00	2.41	0.25	0.50	0.87	458.00
TL223-13RE	110.2	111.7	1327058	0.50	3.52	18.00	292.00	1.00	3.00	0.78	2.00	7.00	0.50	15.00	1.42	0.14	0.50	0.57	263.00
TL223-13RE	111.7	113.2	1327059	0.50	3.85	19.00	338.00	1.00	0.50	0.91	2.00	6.00	0.50	11.00	1.48	0.24	0.50	0.60	328.00
TL223-13RE	113.2	114.7	1327061	0.50	4.11	34.00	384.00	1.00	0.50	0.51	2.00	7.00	0.50	15.00	1.48	0.22	0.50	0.47	225.00
TL223-13RE	114.7	115.7	1327062	0.50	3.97	31.00	377.00	1.00	0.50	0.01	2.00	4.00	0.50	14.00	1.49	0.19	0.50	0.18	50.00
TL223-13RE	115.7	117.0	1327063	2.00	3.94	44.00	352.00	1.00	2.00	0.12	2.00	6.00	0.50	24.00	1.51	0.25	0.50	0.29	50.00
TL223-13RE	117.0	118.0	1327064	0.50	3.28	106.00	296.00	1.00	0.50	0.01	4.00	7.00	0.50	28.00	1.86	0.17	0.50	0.16	50.00
TL223-13RE	118.0	119.0	1327066	0.50	3.23	168.00	264.00	1.00	0.50	0.38	6.00	12.00	0.50	47.00	2.78	0.17	0.50	0.14	117.00
TL223-13RE	118.0	119.0	1327065	4.00	3.71	145.00	311.00	1.00	0.50	0.61	4.00	12.00	0.50	68.00	2.40	0.31	0.50	0.14	158.00
TL223-13RE	119.0	120.0	1327067	2.00	3.92	53.00	359.00	1.00	0.50	0.86	2.00	6.00	0.50	42.00	1.46	0.17	0.50	0.56	299.00
TL223-13RE	120.0	121.0	1327068	3.00	3.89	93.00	400.00	1.00	0.50	0.31	9.00	8.00	0.50	106.00	2.40	0.18	0.50	0.49	260.00
TL223-13RE	121.0	122.0	1327069	9.00	4.18	88.00	542.00	1.00	0.50	0.11	4.00	8.00	0.50	90.00	1.49	0.17	0.50	0.29	123.00
TL223-13RE	122.0	123.5	1327071	0.50	4.30	44.00	475.00	1.00	1.00	0.32	2.00	8.00	0.50	28.00	1.41	0.66	0.50	0.34	159.00
TL223-13RE	123.5	124.5	1327072	1.00	5.18	53.00	451.00	1.00	0.50	0.99	2.00	9.00	0.50	23.00	1.50	0.19	0.50	0.62	349.00
TL223-13RE	124.5	126.0	1327073	4.00	4.09	50.00	353.00	1.00	0.50	0.70	2.00	7.00	0.50	52.00	1.50	0.13	0.50	0.55	337.00
TL223-13RE	126.0	127.5	1327074	2.00	3.81	44.00	286.00	1.00	0.50	0.95	2.00	6.00	0.50	21.00	1.45	0.10	0.50	0.65	456.00
TL223-13RE	127.5	129.0	1327075	2.00	3.75	70.00	322.00	1.00	0.50	0.37	2.00	7.00	0.50	27.00	1.48	0.22	0.50	0.35	184.00
TL223-13RE	129.0	130.5	1327076	1.00	4.38	23.00	319.00	1.00	0.50	1.61	2.00	7.00	0.50	5.00	1.60	0.17	0.50	0.84	434.00
TL223-13RE	130.5	132.0	1327077	0.50	3.43	17.00	252.00	1.00	1.00	1.19	2.00	7.00	0.50	10.00	1.40	0.10	0.50	0.67	354.00
TL223-13RE	132.0	133.0	1327078	0.50	4.33	26.00	294.00	1.00	0.50	1.40	2.00	5.00	0.50	9.00	1.51	0.18	0.50	0.76	366.00
TL223-13RE	133.0	134.5	1327079	2.00	3.50	58.00	333.00	1.00	1.00	0.51	12.00	7.00	0.50	99.00	1.82	0.12	0.50	0.43	224.00
TL223-13RE	134.5	135.5	1327081	0.50	4.86	51.00	377.00	1.00	0.50	1.67	2.00	9.00	0.50	23.00	2.01	0.32	0.50	1.16	602.00
TL223-13RE	135.5	136.5	1327082	0.50	3.44	30.00	229.00	1.00	1.00	1.00	2.00	7.00	0.50	26.00	1.56	0.08	0.50	0.97	496.00
TL223-13RE	136.5	138.0	1327083	0.50	4.28	6.00	272.00	1.00	0.50	1.09	2.00	13.00	0.50	29.00	2.43	0.05	0.50	1.46	580.00
TL223-13RE	164.6	166.1	1327084	1.00	5.12	5.00	365.00	1.00	0.50	2.30	2.00	7.00	0.50	15.00	1.71	0.12	0.50	1.21	466.00
TL223-13RE	166.1	167.6	1327086	0.50	4.42	8.00	386.00	1.00	0.50	1.80	2.00	7.00	0.50	9.00	1.41	0.06	0.50	0.95	365.00
TL223-13RE	166.1	167.6	1327085	1.00	4.79	7.00	434.00	1.00	0.50	1.81	2.00	4.00	0.50	9.00	1.38	0.12	0.50	0.93	361.00
TL223-13RE	167.6	168.1	1327087	8.00	2.79	46.00	293.00	1.00	0.50	0.72	35.00	6.00	0.50	809.00	2.46	0.25	0.50	0.50	259.00
TL223-13RE	168.1	169.5	1327088	0.50	4.03	11.00	384.00	1.00	0.50	1.77	2.00	6.00	0.50	26.00	1.58	0.17	0.50	0.73	364.00
TL223-13RE	169.5	171.0	1327089	0.50	4.29	19.00	445.00	1.00	0.50	1.35	2.00	8.00	0.50	18.00	1.63	0.12	0.50	0.83	365.00

Hole Number	From	To	Sample Number	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
TL223-13RE	107.2	108.7	1327056	0.50	35.00	447.00	36.00	1.09	2.50	11.00	5.00	81.00	935.00	1.00	22.00	5.00	3.00	298.00
TL223-13RE	108.7	110.2	1327057	0.50	89.00	434.00	41.00	1.53	2.50	12.00	5.00	94.00	1214.00	1.00	40.00	5.00	7.00	169.00
TL223-13RE	110.2	111.7	1327058	0.50	51.00	499.00	36.00	1.05	5.00	9.00	5.00	92.00	1093.00	1.00	23.00	5.00	3.00	113.00
TL223-13RE	111.7	113.2	1327059	0.50	53.00	536.00	37.00	1.17	2.50	13.00	5.00	84.00	1115.00	1.00	25.00	5.00	3.00	38.00
TL223-13RE	113.2	114.7	1327061	0.50	37.00	491.00	65.00	1.41	10.00	7.00	5.00	73.00	1122.00	1.00	26.00	5.00	3.00	288.00
TL223-13RE	114.7	115.7	1327062	0.50	49.00	477.00	38.00	1.50	5.00	13.00	5.00	53.00	980.00	1.00	27.00	5.00	2.00	148.00
TL223-13RE	115.7	117.0	1327063	0.50	36.00	432.00	126.00	1.58	12.00	10.00	5.00	58.00	749.00	1.00	25.00	12.00	2.00	722.00
TL223-13RE	117.0	118.0	1327064	0.50	44.00	311.00	84.00	2.04	8.00	6.00	5.00	49.00	651.00	1.00	28.00	16.00	1.00	970.00
TL223-13RE	118.0	119.0	1327066	0.50	80.00	225.00	100.00	3.10	26.00	2.50	5.00	52.00	638.00	1.00	42.00	21.00	2.00	1536.00
TL223-13RE	118.0	119.0	1327065	0.50	70.00	282.00	186.00	2.68	24.00	9.00	5.00	56.00	685.00	1.00	41.00	13.00	3.00	907.00
TL223-13RE	119.0	120.0	1327067	0.50	50.00	399.00	252.00	1.32	23.00	11.00	5.00	50.00	1031.00	1.00	26.00	12.00	2.00	519.00
TL223-13RE	120.0	121.0	1327068	0.50	59.00	369.00	590.00	2.47	28.00	7.00	5.00	50.00	1133.00	1.00	27.00	31.00	2.00	2476.00
TL223-13RE	121.0	122.0	1327069	0.50	40.00	373.00	411.00	1.55	43.00	8.00	5.00	48.00	1301.00	1.00	28.00	21.00	2.00	1074.00
TL223-13RE	122.0	123.5	1327071	0.50	69.00	420.00	56.00	1.27	12.00	9.00	5.00	49.00	1337.00	1.00	29.00	12.00	2.00	205.00
TL223-13RE	123.5	124.5	1327072	0.50	51.00	434.00	66.00	1.32	8.00	2.50	5.00	90.00	1368.00	1.00	31.00	5.00	2.00	76.00
TL223-13RE	124.5	126.0	1327073	0.50	45.00	386.00	75.00	1.31	2.50	9.00	5.00	68.00	1327.00	1.00	28.00	5.00	2.00	266.00
TL223-13RE	126.0	127.5	1327074	0.50	49.00	436.00	113.00	1.14	2.50	7.00	5.00	73.00	1282.00	1.00	25.00	5.00	3.00	429.00
TL223-13RE	127.5	129.0	1327075	0.50	52.00	418.00	126.00	1.38	2.50	9.00	5.00	63.00	1234.00	1.00	26.00	10.00	3.00	207.00
TL223-13RE	129.0	130.5	1327076	0.50	45.00	487.00	29.00	0.98	5.00	10.00	5.00	146.00	1433.00	1.00	27.00	5.00	3.00	38.00
TL223-13RE	130.5	132.0	1327077	0.50	59.00	454.00	36.00	0.82	5.00	2.50	5.00	129.00	1267.00	1.00	24.00	5.00	3.00	144.00
TL223-13RE	132.0	133.0	1327078	0.50	58.00	460.00	29.00	0.91	7.00	16.00	5.00	113.00	1378.00	1.00	27.00	5.00	3.00	37.00
TL223-13RE	133.0	134.5	1327079	0.50	39.00	363.00	395.00	1.71	2.50	8.00	5.00	65.00	1250.00	1.00	27.00	38.00	2.00	2671.00
TL223-13RE	134.5	135.5	1327081	0.50	63.00	438.00	40.00	1.29	7.00	11.00	12.00	100.00	1364.00	1.00	31.00	12.00	3.00	343.00
TL223-13RE	135.5	136.5	1327082	0.50	52.00	444.00	20.00	0.92	2.50	11.00	5.00	74.00	1264.00	1.00	25.00	5.00	3.00	56.00
TL223-13RE	136.5	138.0	1327083	0.50	72.00	438.00	21.00	0.82	9.00	9.00	5.00	88.00	1624.00	1.00	46.00	5.00	7.00	96.00
TL223-13RE	164.6	166.1	1327084	0.50	38.00	464.00	14.00	0.47	2.50	8.00	5.00	136.00	1475.00	1.00	31.00	5.00	3.00	89.00
TL223-13RE	166.1	167.6	1327086	0.50	31.00	423.00	13.00	0.47	2.50	7.00	5.00	117.00	1348.00	1.00	27.00	11.00	2.00	539.00
TL223-13RE	166.1	167.6	1327085	0.50	31.00	439.00	15.00	0.45	2.50	5.00	5.00	117.00	1365.00	1.00	28.00	5.00	2.00	348.00
TL223-13RE	167.6	168.1	1327087	0.50	40.00	320.00	193.00	2.51	2.50	7.00	5.00	78.00	1112.00	1.00	24.00	112.00	2.00	14063.00
TL223-13RE	168.1	169.5	1327088	0.50	46.00	468.00	14.00	0.54	10.00	12.00	5.00	91.00	1393.00	1.00	29.00	5.00	3.00	222.00
TL223-13RE	169.5	171.0	1327089	0.50	26.00	478.00	42.00	0.67	7.00	20.00	5.00	86.00	1603.00	1.00	38.00	5.00	3.00	96.00

Mineralization

Hole Number	From	To	Length	Min Type	Min Style	Percent	Comments
TL223-13RE	60.0	111.7	51.7	PO	BLB	0.1	Trace po blebs found in and along margins of qtz/qtz-amph veins
TL223-13RE	60.0	111.7	51.7	CP	BLB	0.1	Trace cpy blebs found w/ po in qtz-amph veins
TL223-13RE	60.0	111.7	51.7	PY	BLB	0.1	Trace py blebs found in and along margins of qtz veins and in some fractures
TL223-13RE	60.0	111.7	51.7	PY	ST	0.1	Trace to 1% py in 1-4mm wide stringers oriented semi-parallel to foliation
TL223-13RE	60.0	111.7	51.7	PY	DISS	1	1% disseminated py throughout the interval
TL223-13RE	111.7	136.4	24.7	PB	BLB	0.1	Trace gal blebs associated w/ sph stringers
TL223-13RE	111.7	136.4	24.7	PO	BLB	0.1	Trace po blebs in and along margins of qtz veins found w/ po
TL223-13RE	111.7	136.4	24.7	CP	BLB	0.1	Trace cpy blebs found w/ po in and along margins of qtz veins
TL223-13RE	111.7	136.4	24.7	PY	ST	2	2% py in 1-10mm wide stringers oriented semi-parallel to foliation
TL223-13RE	111.7	136.4	24.7	SPH	ST	3	3% sph in 1-8mm wide stringers oriented semi-parallel to foliation
TL223-13RE	111.7	136.4	24.7	PY	DISS	2	2% disseminated py throughout the interval
TL223-13RE	136.4	147.5	11.1	SPH	ST	0.1	Trace sph in 1-2mm wide stringer oriented semi-parallel to foliation
TL223-13RE	136.4	147.5	11.1	PO	BLB	0.1	Trace po blebs in and along margins of qtz-amph veins
TL223-13RE	136.4	147.5	11.1	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL223-13RE	136.4	147.5	11.1	PY	DISS	0.1	Trace disseminated py
TL223-13RE	147.5	162.4	14.9	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL223-13RE	147.5	162.4	14.9	SPH	ST	0.1	Trace sph in 1mm wide stringer oriented semi-parallel to foliation
TL223-13RE	147.5	162.4	14.9	PY	DISS	0.1	Trace disseminated py throughout the interval
TL223-13RE	162.4	171.0	8.6	PY	ST	0.1	Trace py in 1-2mm wide stringers oriented semi-parallel to foliation
TL223-13RE	162.4	171.0	8.6	PY	DISS	0.1	Trace to 1% disseminated py throughout the interval
TL223-13RE	166.3	171.0	4.7	SPH	ST	0.1	Trace sph in 1-4mm wide stringers oriented semi-parallel to foliation
TL223-13RE	167.6	168.1	0.5	PB	BLB	0.1	Trace gal blebs associated w/ sph mineralization
TL223-13RE	167.6	168.1	0.5	AU	BLB	0.1	Trace Au in 1mm wide speck in irregular qtz vein in strongly sericitized strongly silicified patch (50cm width) VG speck at 167.80m depth
TL223-13RE	167.6	168.1	0.5	CP	BLB	0.1	Trace cpy blebs in irregular qtz vein w/ sph, gal, py and AU

Structure

Hole Number	From	To	Length	Structure	Intensity	Axis Angle	Comments
TL223-13RE	18.0	18.0	0.0	FOL		66	
TL223-13RE	27.0	27.0	0.0	FOL		66	
TL223-13RE	36.0	36.0	0.0	FOL		51	
TL223-13RE	45.0	45.0	0.0	FOL		65	
TL223-13RE	54.0	54.0	0.0	FOL		65	
TL223-13RE	60.0	73.3	13.3	FOL	Strong	55	Strong foliation at 55 deg TCA
TL223-13RE	60.0	111.7	51.7	FOL	Very Weak	30	V. weak fracture set cross cutting foliation at 30 deg TCA
TL223-13RE	60.0	111.7	51.7	FR	Very Weak	50	V. weak fracture set cross cutting foliation at 50 deg TCA
TL223-13RE	73.1	73.2	0.1	Fold	Very Weak	45	V. weak F2 folding oriented at 45 deg TCA
TL223-13RE	73.3	111.7	38.4	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL223-13RE	111.7	136.4	24.7	FOL	Moderate	60	Moderate foliation at 60 deg TCA
TL223-13RE	114.0	124.2	10.2	FTZ	Strong	60	Large fault zone oriented parallel to foliation and infilled w/ gouge
TL223-13RE	136.4	147.5	11.1	FR	Very Weak	45	V. weak fracture set cross cutting foliation at 45 deg TCA
TL223-13RE	136.4	147.5	11.1	FOL	Moderate	55	Moderate foliation at 55 deg TCA
TL223-13RE	147.5	161.5	14.0	FOL	Weak	60	Weak foliation at 60 deg TCA
TL223-13RE	147.5	162.4	14.9	FR	Weak	35	Weak fracture set along foliation at 35 deg TCA
TL223-13RE	147.5	162.4	14.9	FR	Weak	35	Weak fracture set cross cutting foliation at 35 deg TCA
TL223-13RE	161.5	162.4	0.9	FOL	Weak	55	Weak foliation at 55 deg TCA
TL223-13RE	162.4	171.0	8.6	FOL	Strong	60	Strong foliation at 60 deg TCA

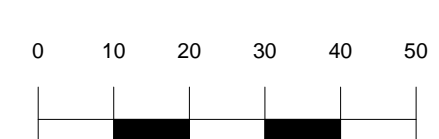
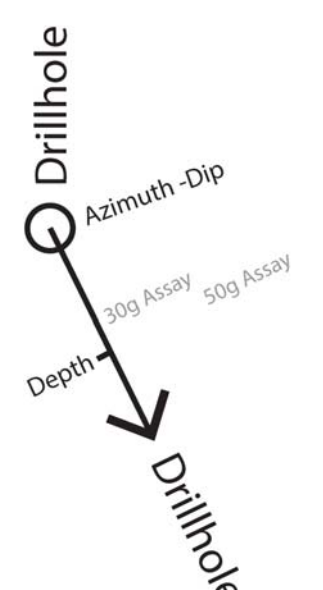
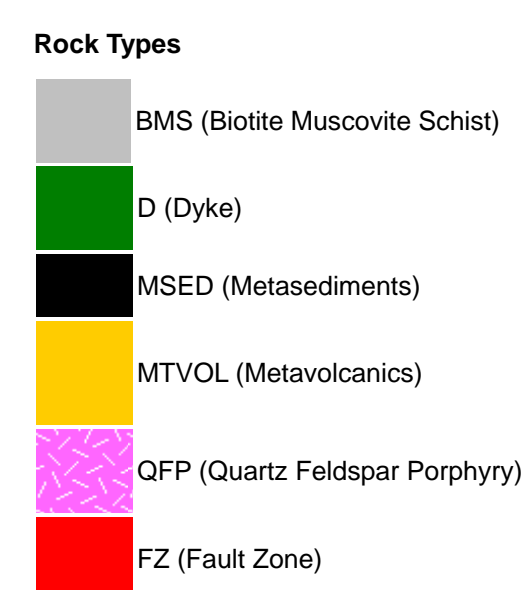
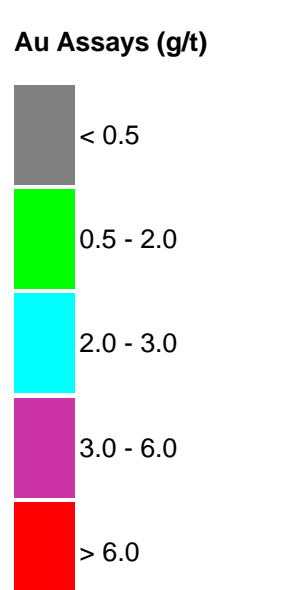
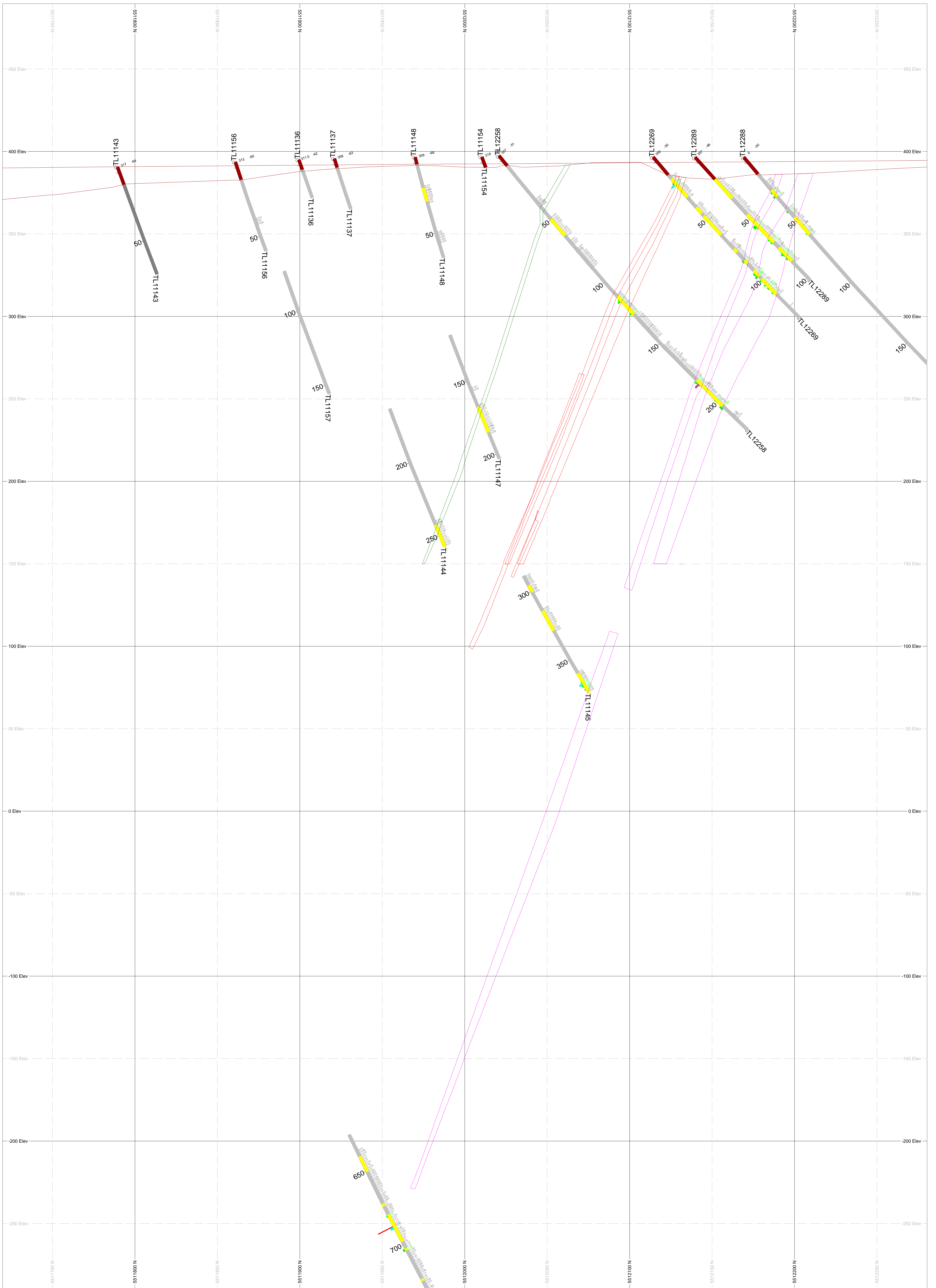
Alteration


Hole Number	From	To	Length	Alt Type	Alt Style	Intensity	Comments
TL223-13RE	60.0	111.7	51.7	SR	Patchy	Very Weak	V. weak patchy ser alt, 20% ser to 80% bio
TL223-13RE	60.0	111.7	51.7	SI	Patchy	Strong	Strong patchy sil alt
TL223-13RE	111.7	124.8	13.0	SR	Patchy	Very Strong	V. strong patchy ser alt, 95% ser to 5% bio
TL223-13RE	111.7	136.4	24.7	SI	Patchy	Very Weak	V. weak patchy sil alt
TL223-13RE	124.8	136.4	11.7	SR	Patchy	Very Strong	V. strong patchy ser alt, 80% ser to 20% bio
TL223-13RE	136.4	147.5	11.1	SR	Patchy	Very Weak	V. weak patchy ser alt, 5% ser to 95% bio
TL223-13RE	136.4	147.5	11.1	SI	Patchy	Strong	Strong patchy sil alt
TL223-13RE	147.5	162.4	14.9	SR	Patchy	Very Weak	V. weak patchy ser alt, 2% ser to 98% bio
TL223-13RE	147.5	162.4	14.9	SI	Pervasive	Weak	Weak pervasive sil alt
TL223-13RE	162.4	171.0	8.6	SR	Patchy	Very Weak	V. weak patchy ser alt, 15% ser to 85% bio
TL223-13RE	162.4	171.0	8.6	SI	Patchy	Moderate	Moderate patchy silicification

RQD/% Core Recovery

Hole Number	From	To	Length	Core Recovery (m)	RQD (m)	Core Recovery (%)	RQD (%)	Breaks	Comments
TL223-13RE	63	66	3	2.93	2.85	97.67	95	4	
TL223-13RE	66	69	3	3.01	2.76	100.33	92	8	
TL223-13RE	69	72	3	2.95	2.85	98.33	95	8	
TL223-13RE	72	75	3	3	2.94	100	98	5	
TL223-13RE	75	78	3	2.96	2.85	98.67	95	8	
TL223-13RE	78	81	3	2.95	2.66	98.33	88.67	11	
TL223-13RE	81	84	3	3.02	2.84	100.67	94.67	8	
TL223-13RE	84	87	3	2.98	2.75	99.33	91.67	7	
TL223-13RE	87	90	3	2.93	2.71	97.67	90.33	11	
TL223-13RE	90	93	3	3.02	2.05	100.67	68.33	19	
TL223-13RE	93	96	3	2.99	2.89	99.67	96.33	8	
TL223-13RE	96	99	3	3.01	2.62	100.33	87.33	12	
TL223-13RE	99	102	3	2.95	2.16	98.33	72	15	
TL223-13RE	102	105	3	3	2.74	100	91.33	8	
TL223-13RE	105	108	3	3.07	2.29	102.33	76.33	17	
TL223-13RE	108	111	3	2.91	2.65	97	88.33	12	
TL223-13RE	111	114	3	2.98	2.43	99.33	81	24	
TL223-13RE	114	117	3	2.98	0.97	99.33	32.33	49	
TL223-13RE	117	120	3	3.03	0.11	101	3.67	50	SRP
TL223-13RE	120	123	3	3	0.41	100	13.67	50	SRP
TL223-13RE	123	126	3	2.96	1.82	98.67	60.67	30	
TL223-13RE	126	129	3	3.02	2.75	100.67	91.67	10	
TL223-13RE	129	132	3	2.95	2.74	98.33	91.33	13	
TL223-13RE	132	135	3	2.97	2.32	99	77.33	23	SRP
TL223-13RE	135	138	3	3	2.78	100	92.67	13	
TL223-13RE	138	141	3	2.99	2.57	99.67	85.67	10	
TL223-13RE	141	144	3	3.01	2.71	100.33	90.33	8	
TL223-13RE	144	147	3	3.02	2.03	100.67	67.67	35	
TL223-13RE	147	150	3	2.97	2.5	99	83.33	18	
TL223-13RE	150	153	3	2.97	2	99	66.67	12	VERTICAL FRACTURE
TL223-13RE	153	156	3	3.02	2.6	100.67	86.67	11	
TL223-13RE	156	159	3	2.99	2.24	99.67	74.67	13	
TL223-13RE	159	162	3	2.98	2.82	99.33	94	8	
TL223-13RE	162	165	3	3.03	2.63	101	87.67	11	
TL223-13RE	165	168	3	2.96	2.36	98.67	78.67	9	
TL223-13RE	168	171	3	3.01	2.86	100.33	95.33	6	EOH

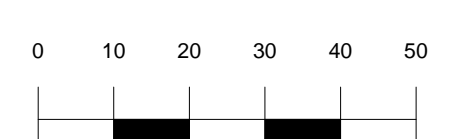
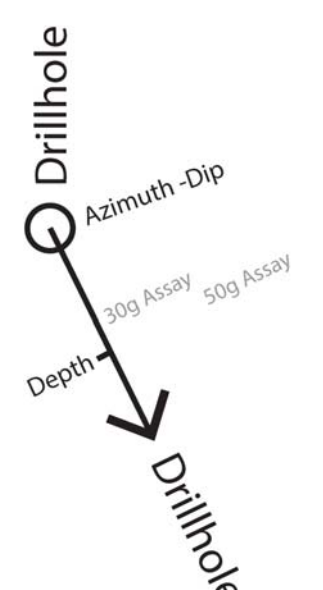
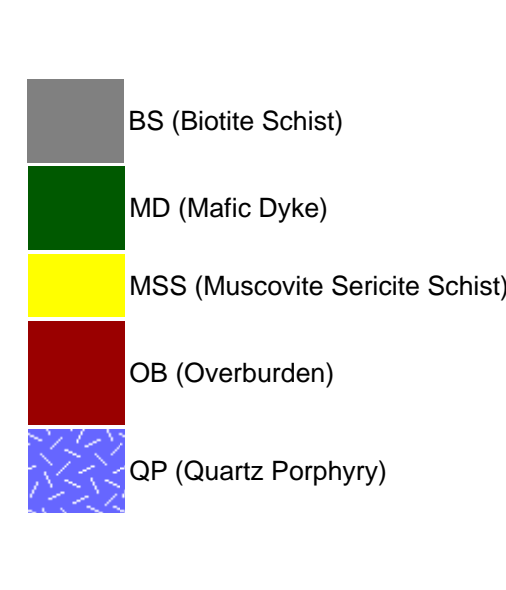
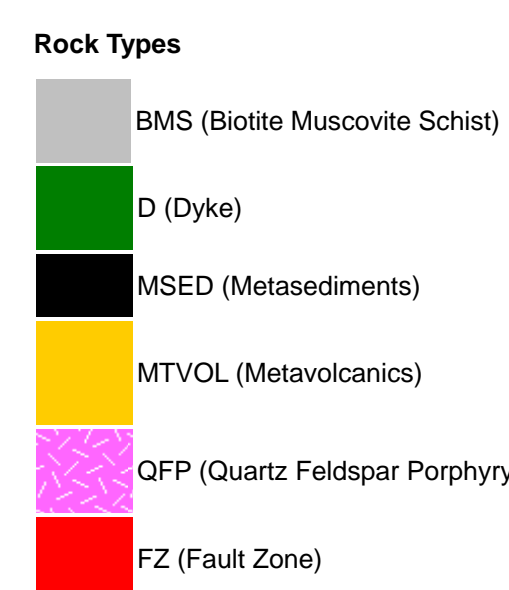
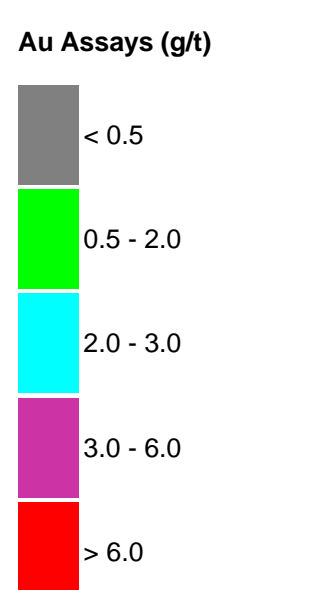
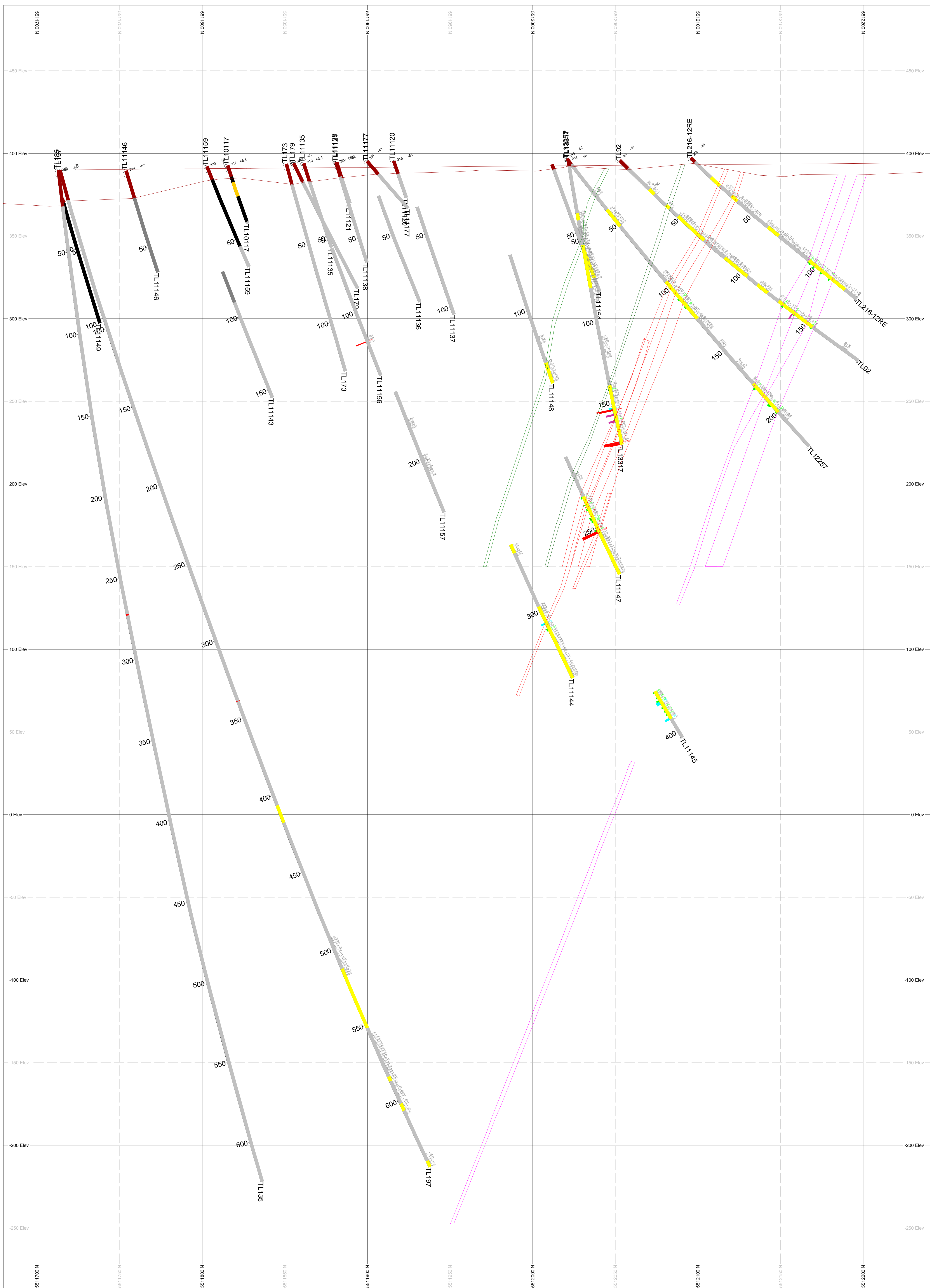
APPENDIX 4
DIAMOND DRILL HOLE SECTIONS





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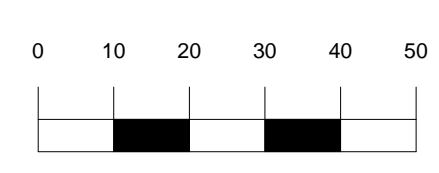
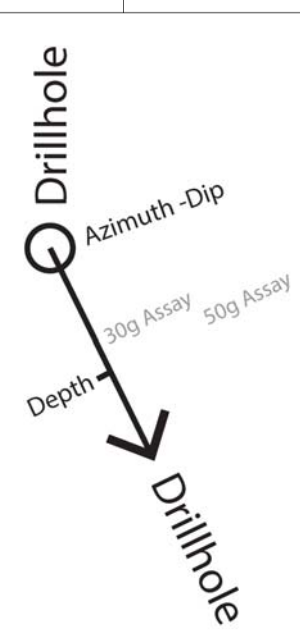
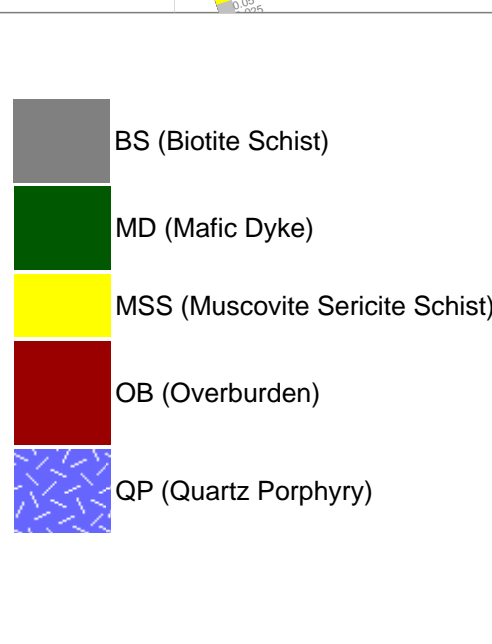
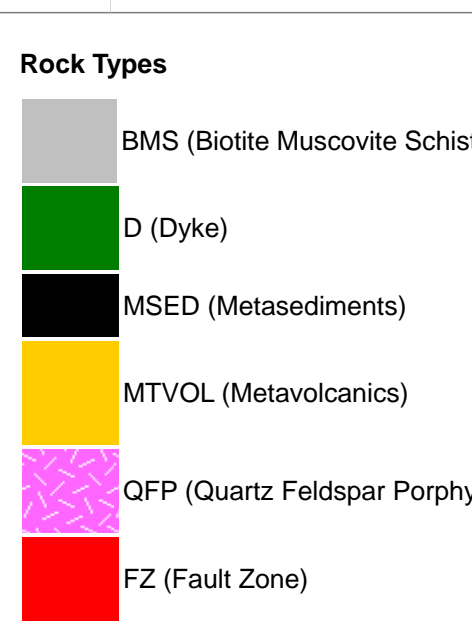
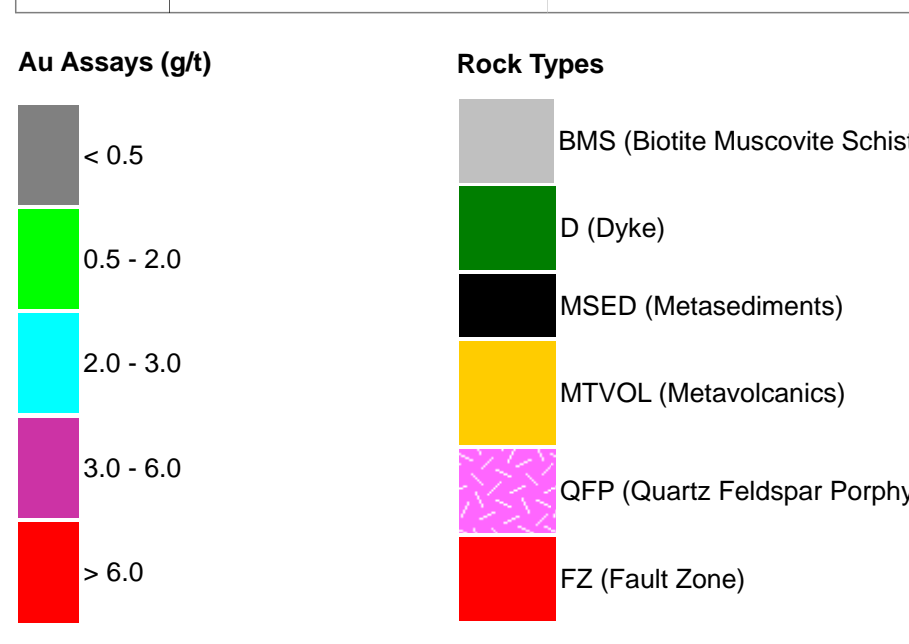
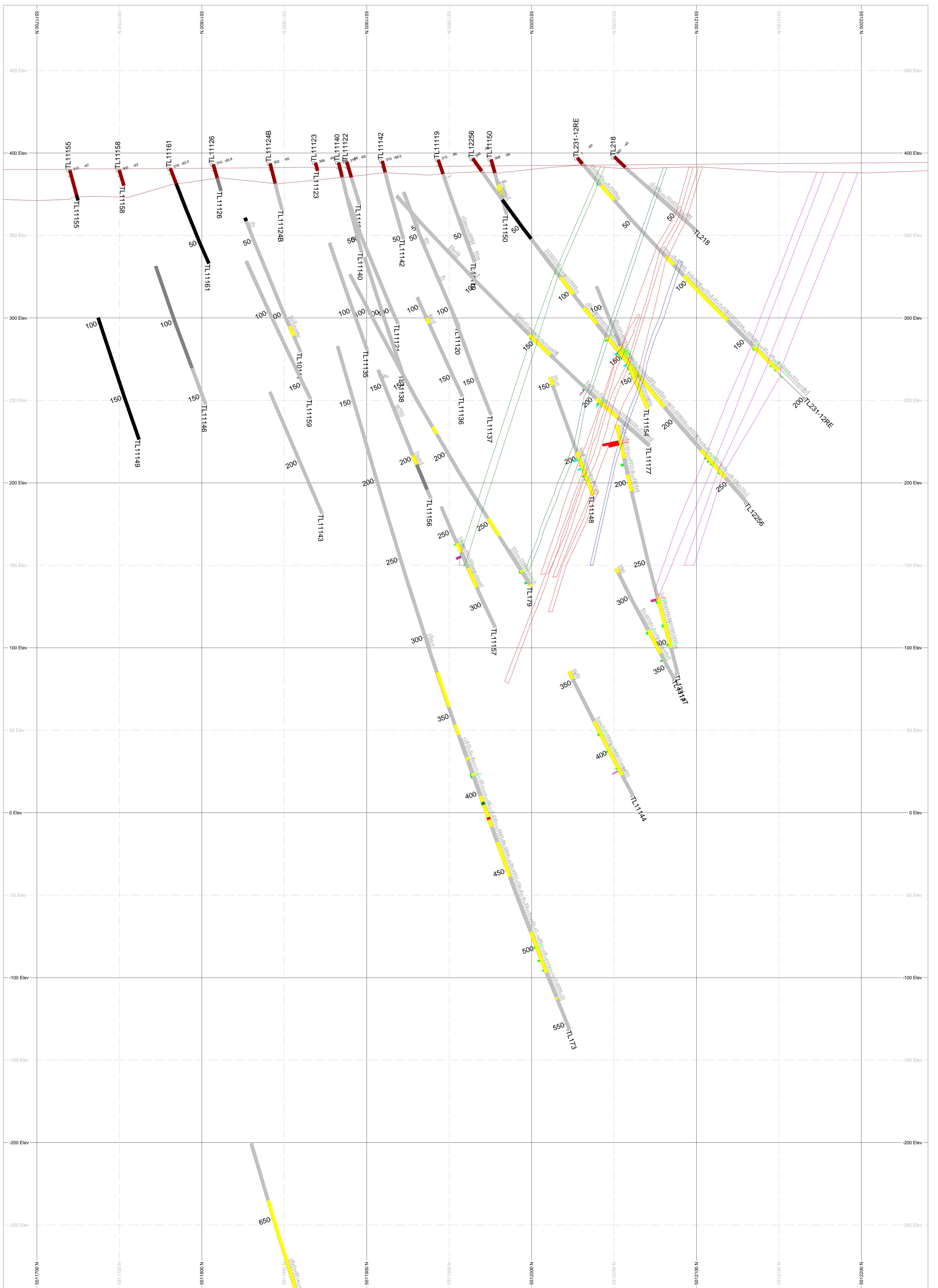


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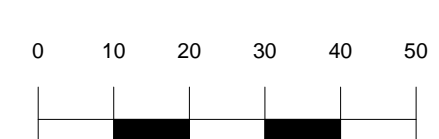
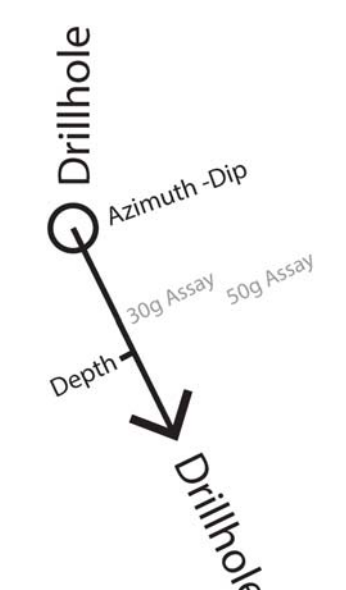
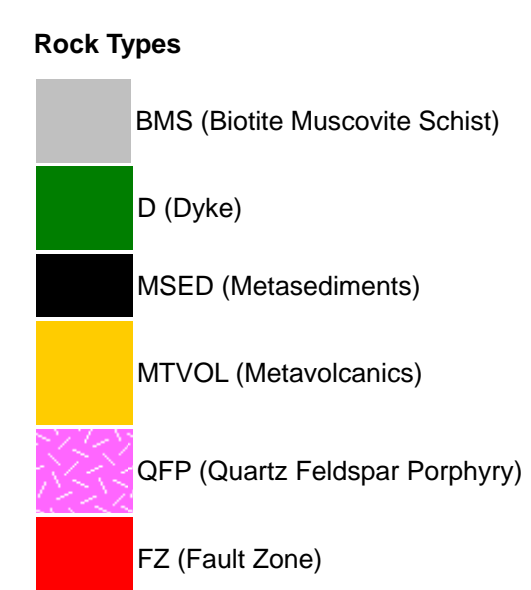
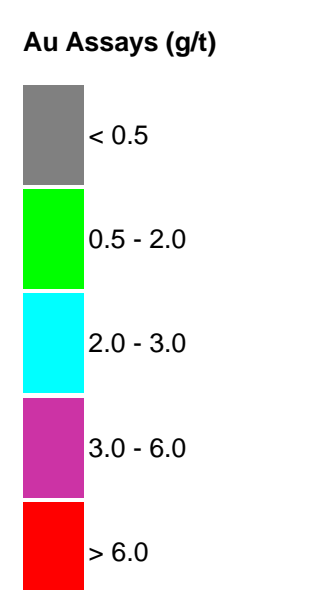
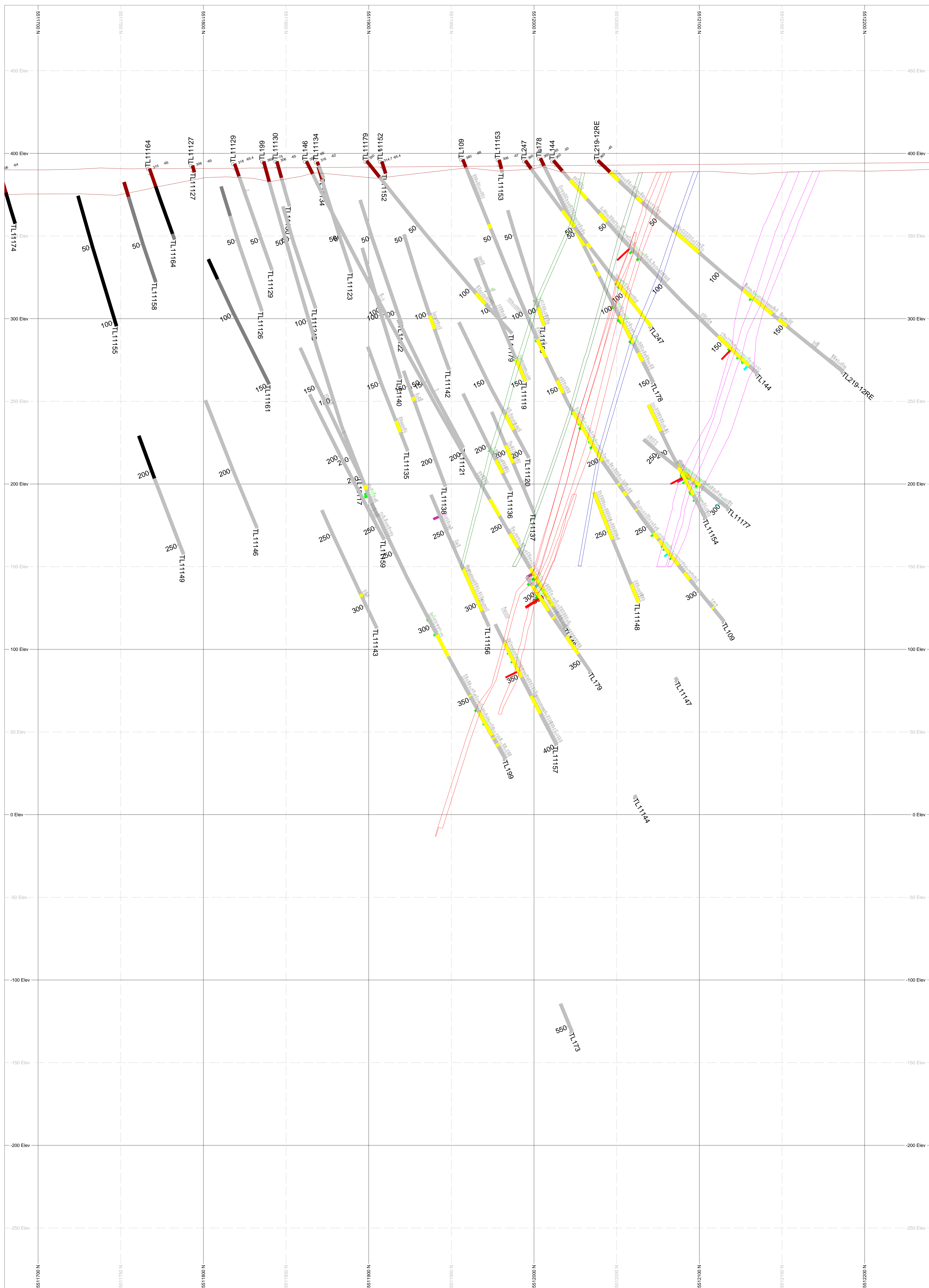


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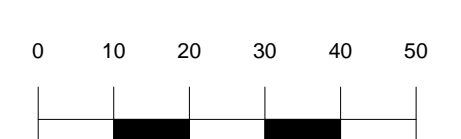
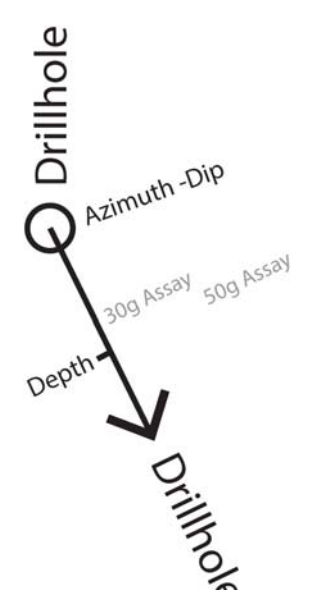
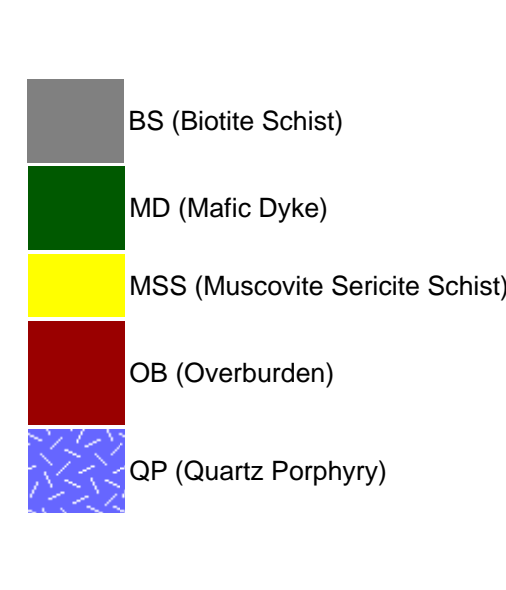
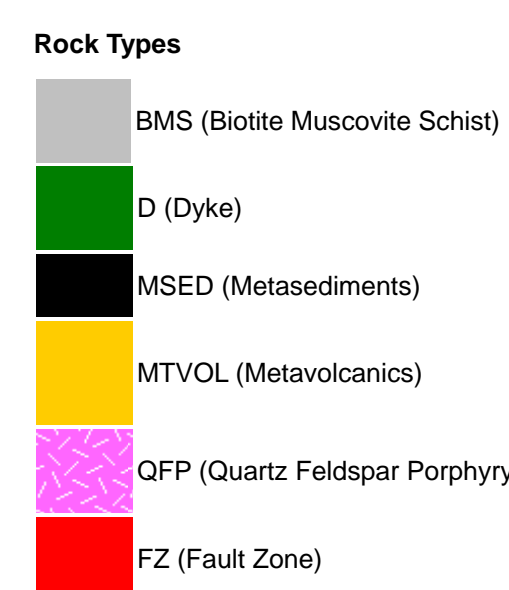
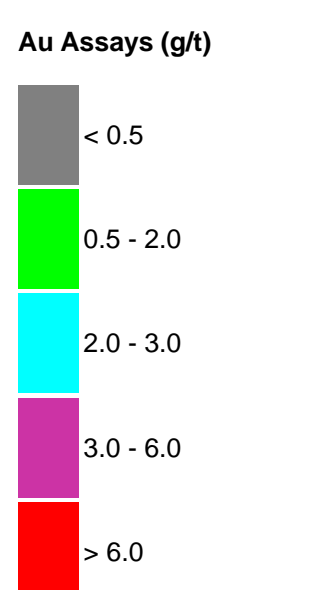
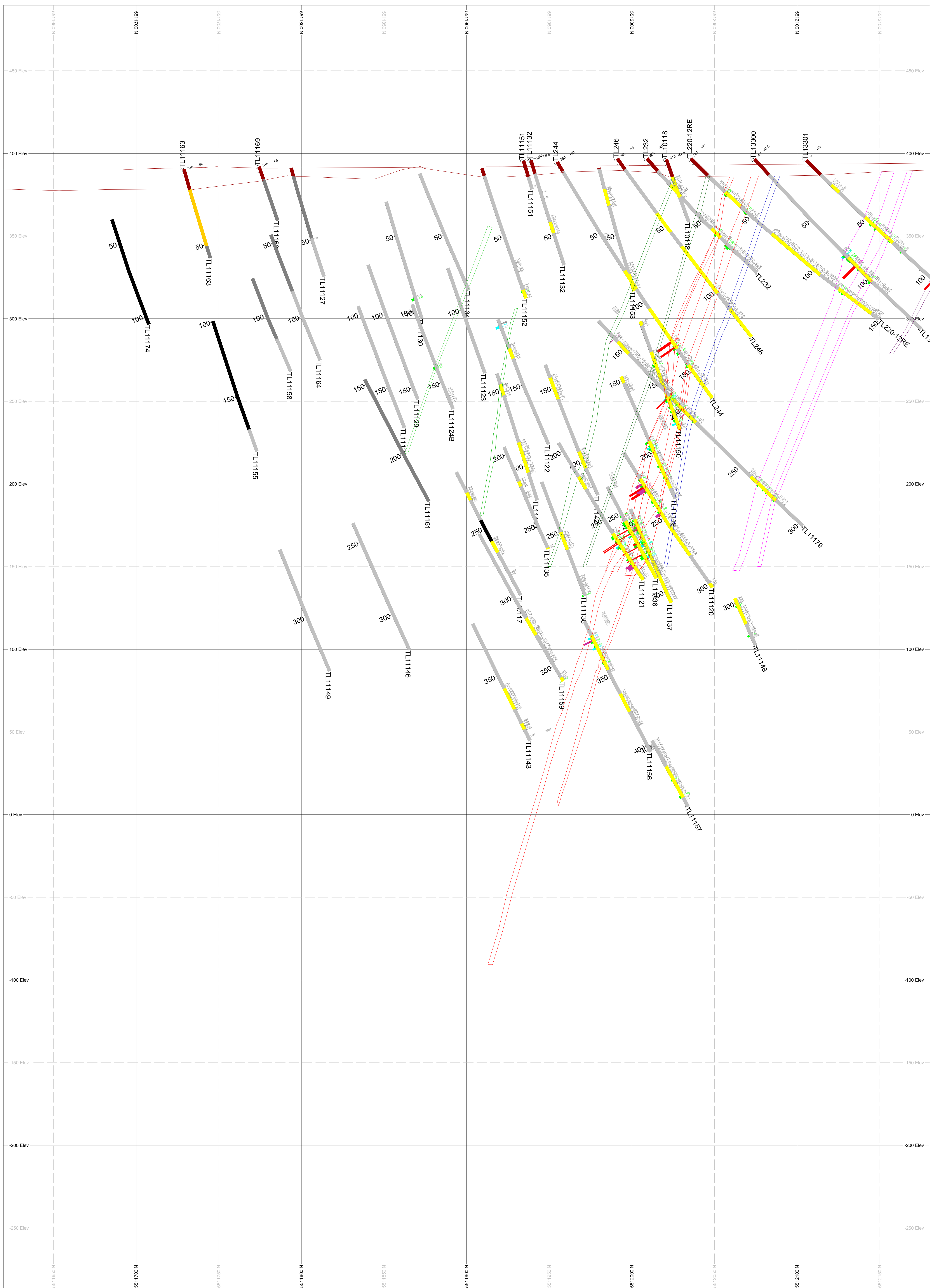



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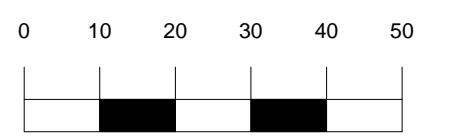
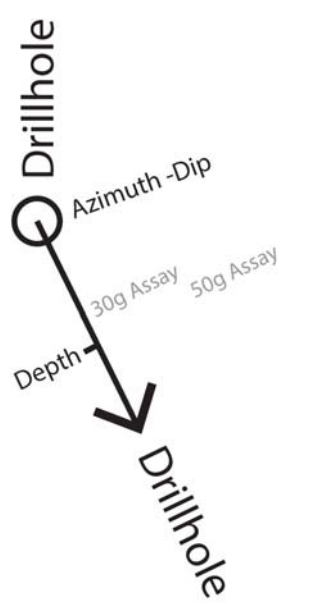
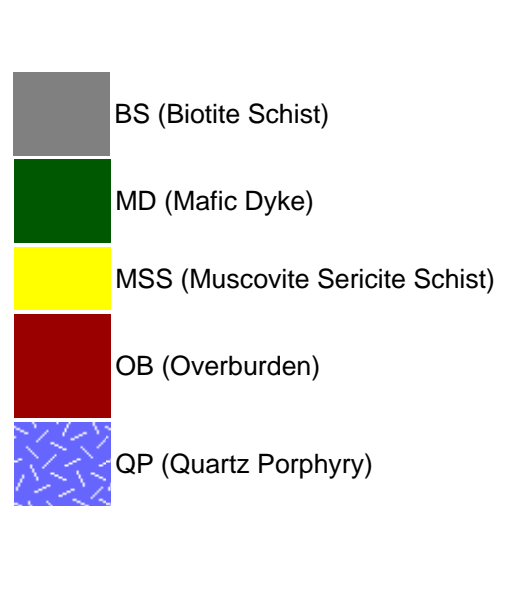
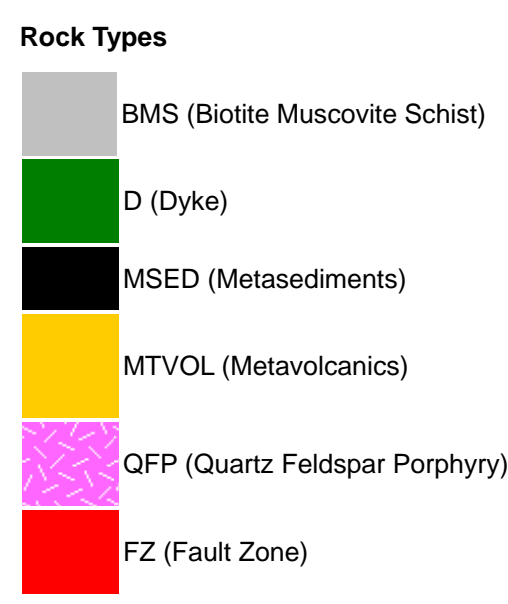
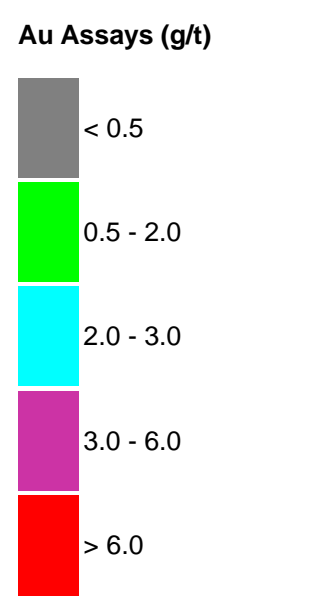
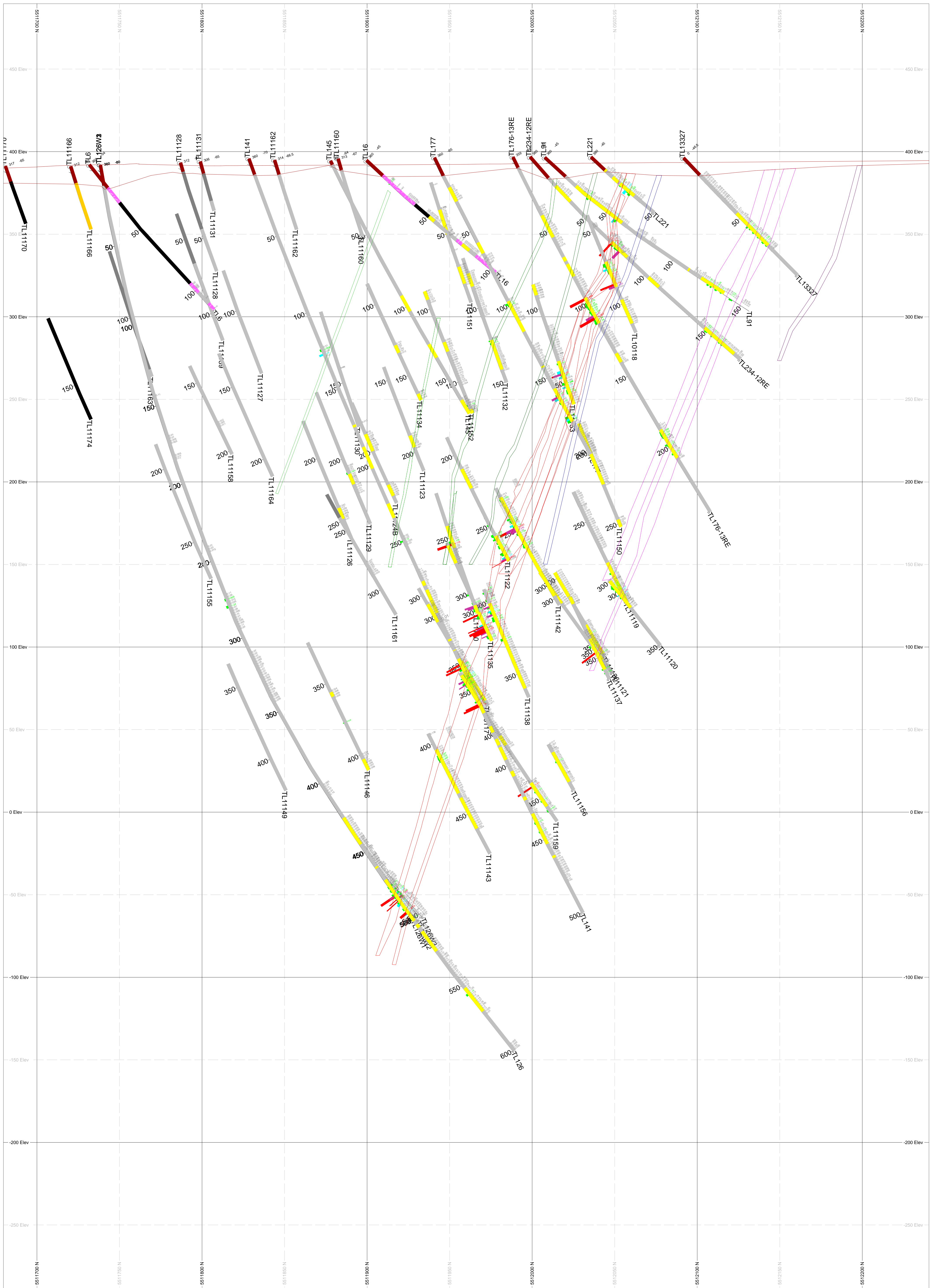





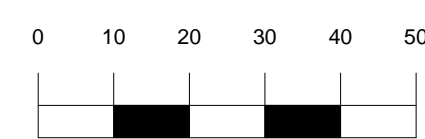
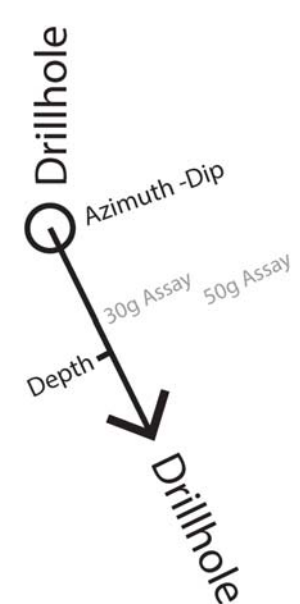
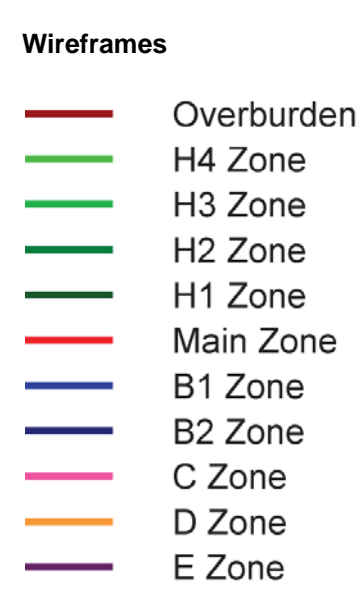
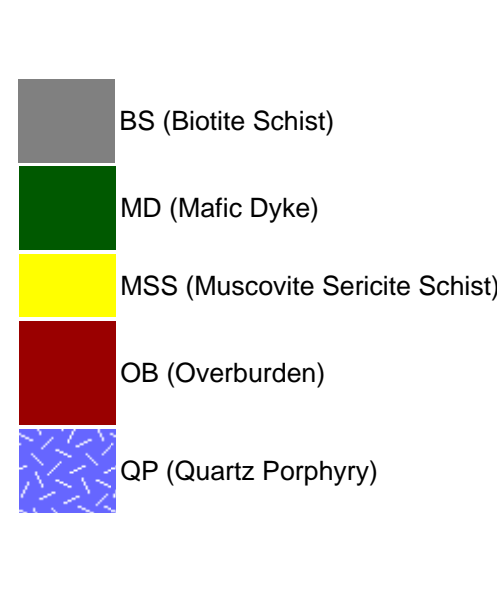
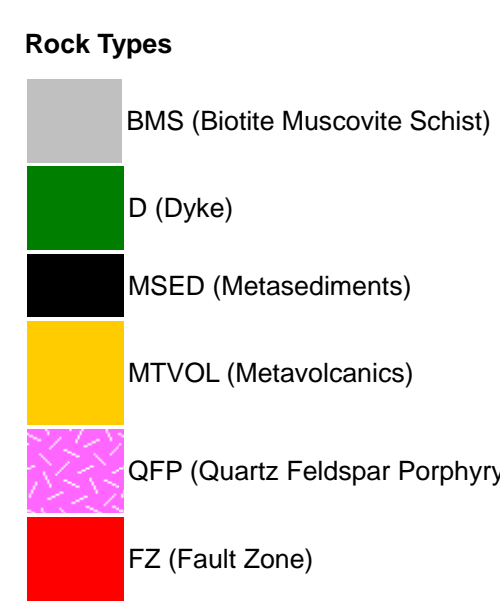
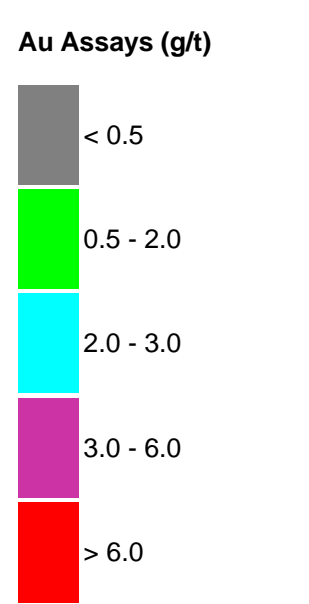
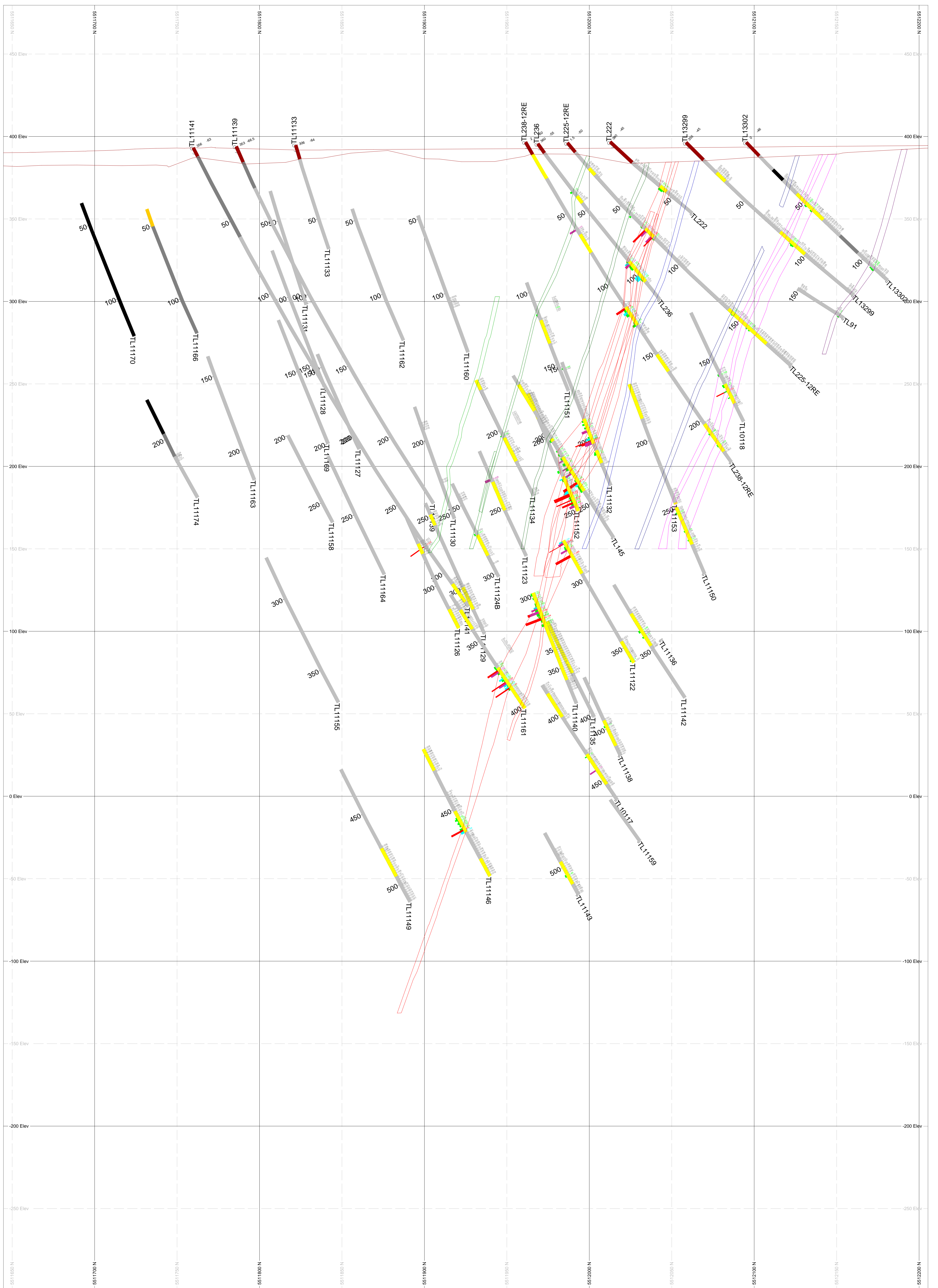
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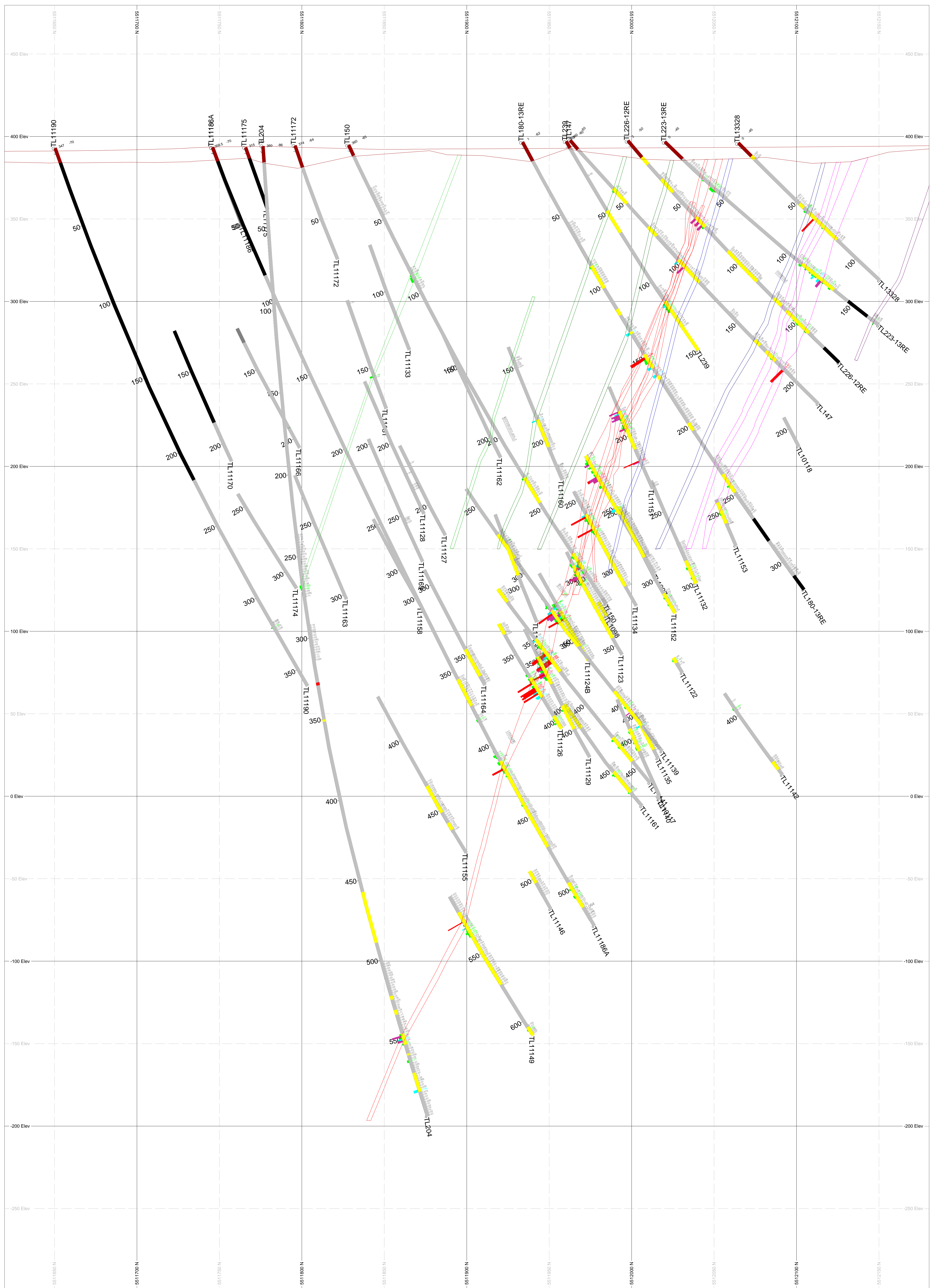
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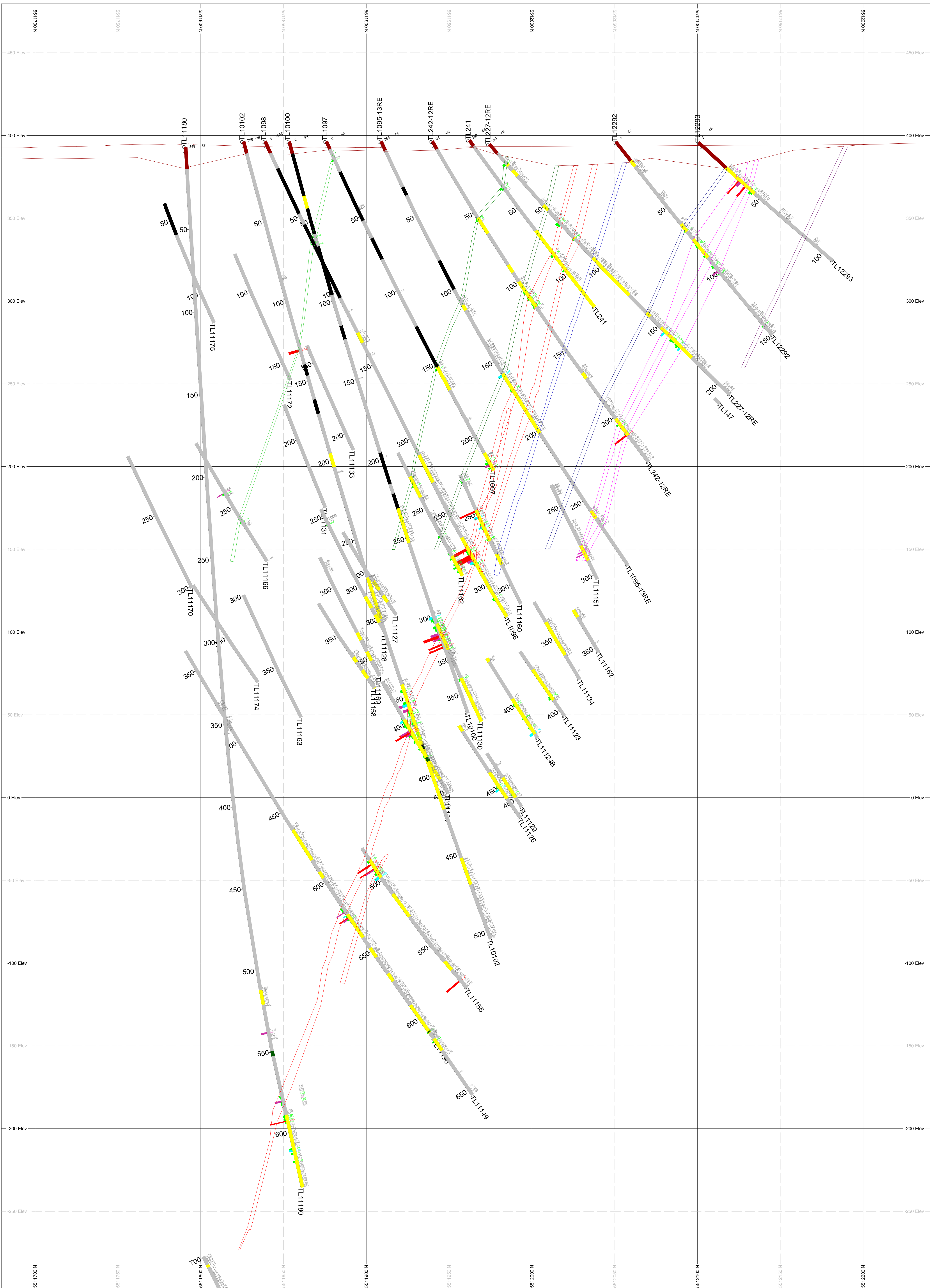


<p>Au Assays (g/t)</p> <ul style="list-style-type: none"> < 0.5 0.5 - 2.0 2.0 - 3.0 3.0 - 6.0 > 6.0 	<p>Rock Types</p> <ul style="list-style-type: none"> BMS (Biotite Muscovite Schist) D (Dyke) MSED (Metasediments) MTVOL (Metavolcanics) QFP (Quartz Feldspar Porphyry) FZ (Fault Zone) BS (Biotite Schist) MD (Mafic Dyke) MSS (Muscovite Sericite Schist) OB (Overburden) QP (Quartz Porphyry) 	<p>Wireframes</p> <ul style="list-style-type: none"> Overburden H4 Zone H3 Zone H2 Zone H1 Zone Main Zone B1 Zone B2 Zone C Zone D Zone E Zone 	<p>Drillhole</p> <p>○ Azimuth-Dip ↓ Depth</p> <p>○ 30g Assay 50g Assay</p>
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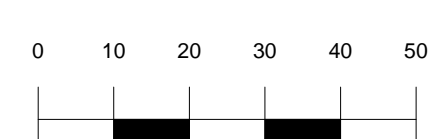
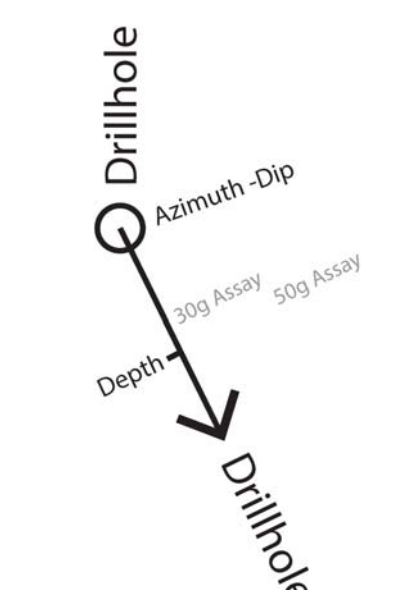
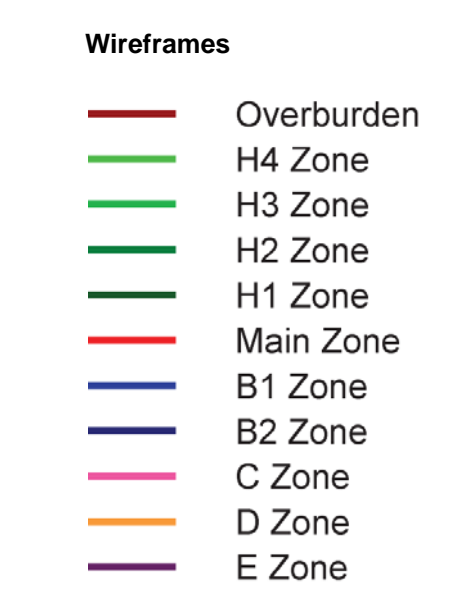
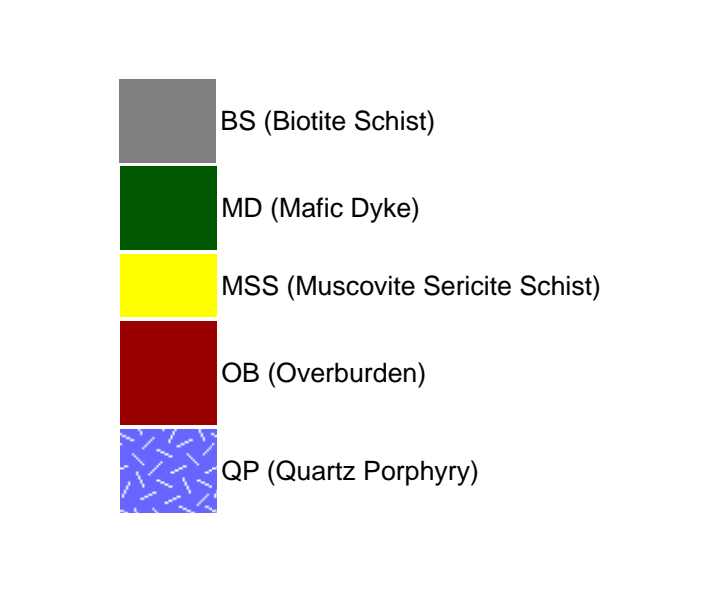
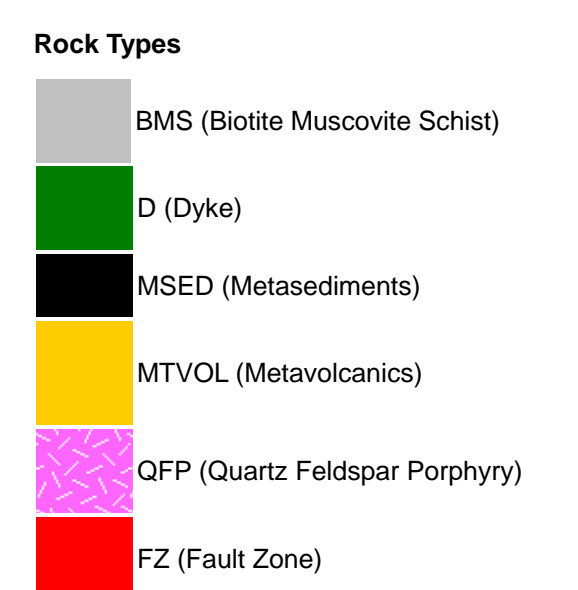
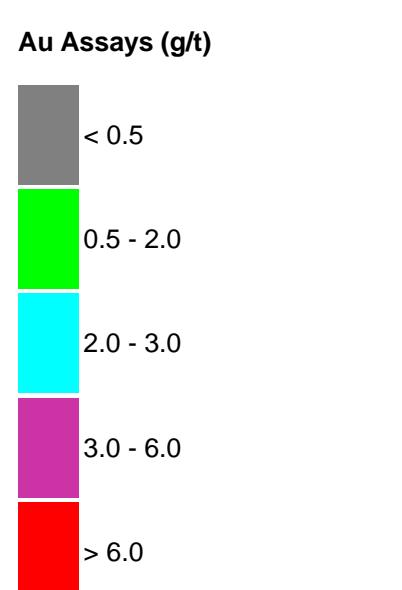
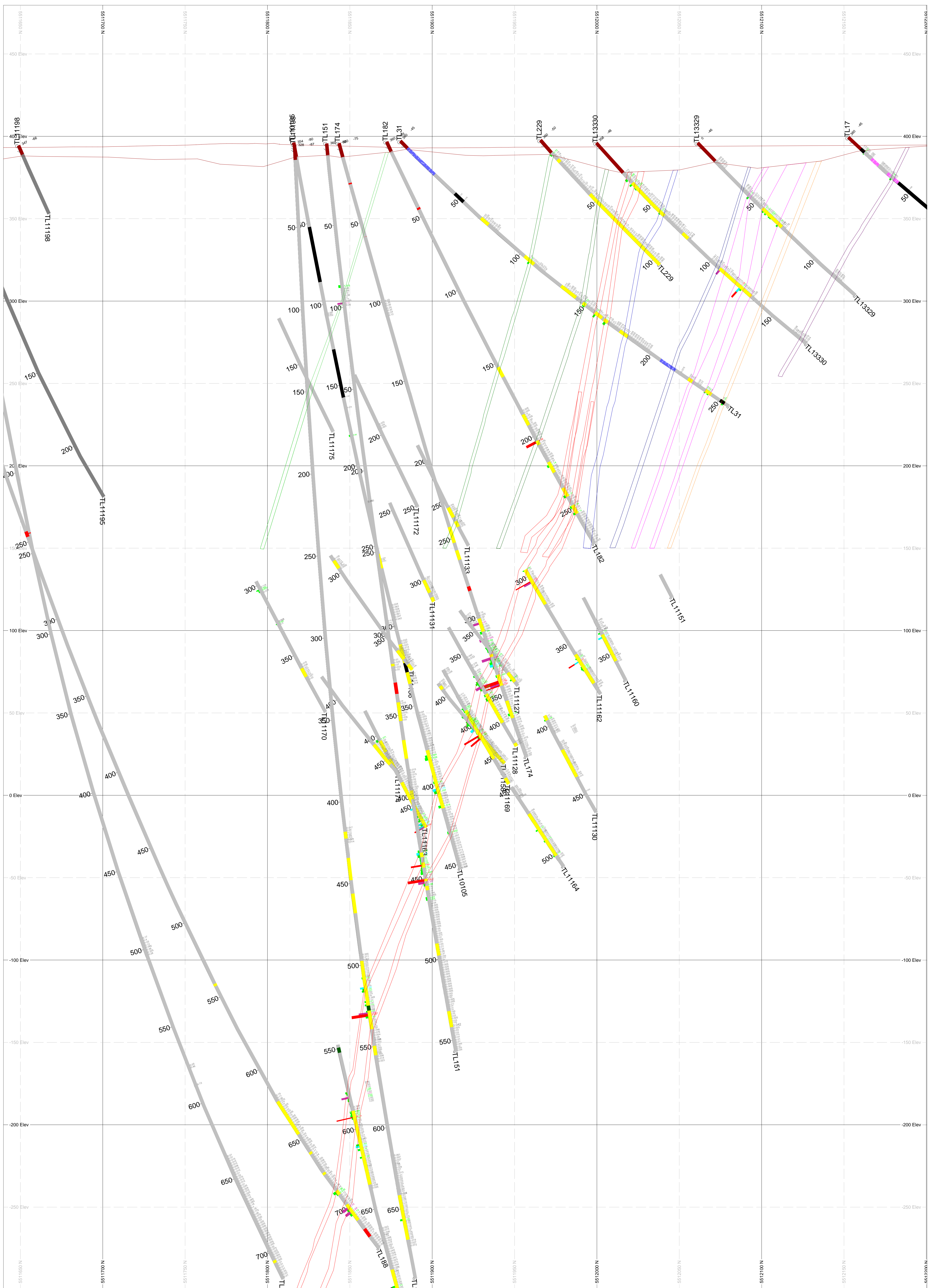
Au Assays (g/t)	Rock Types	Wireframes
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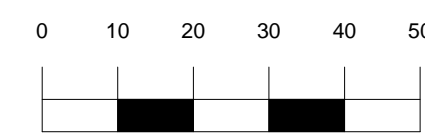
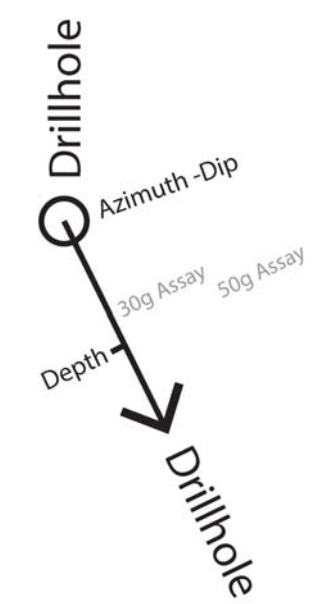
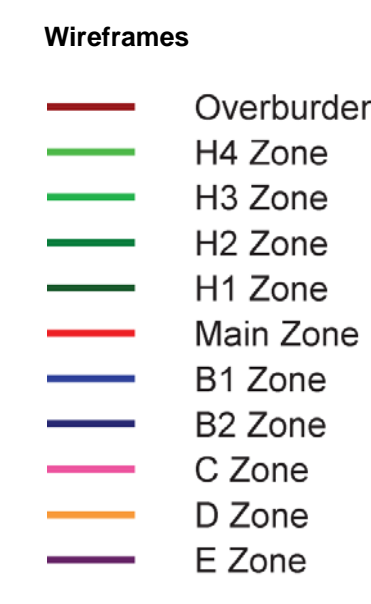
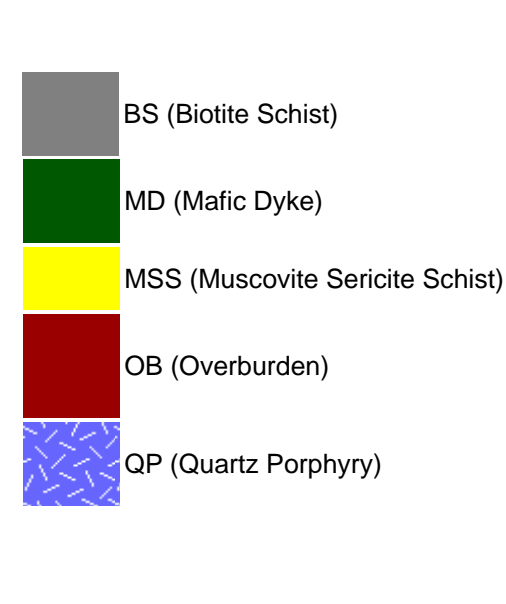
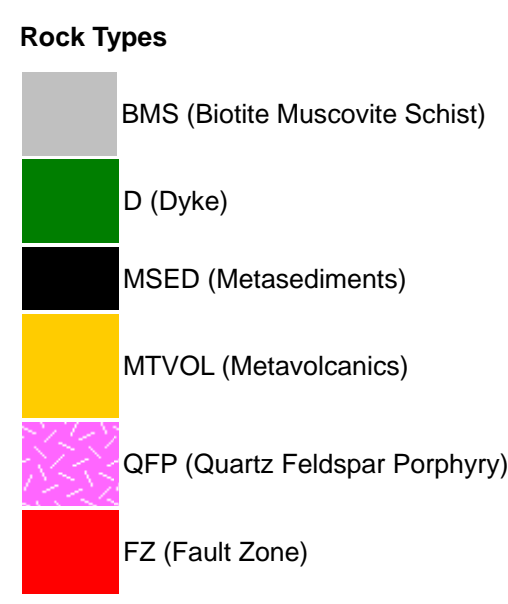
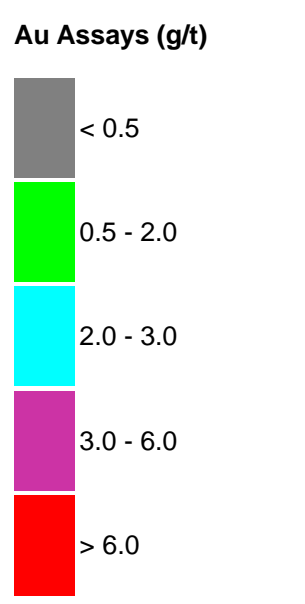
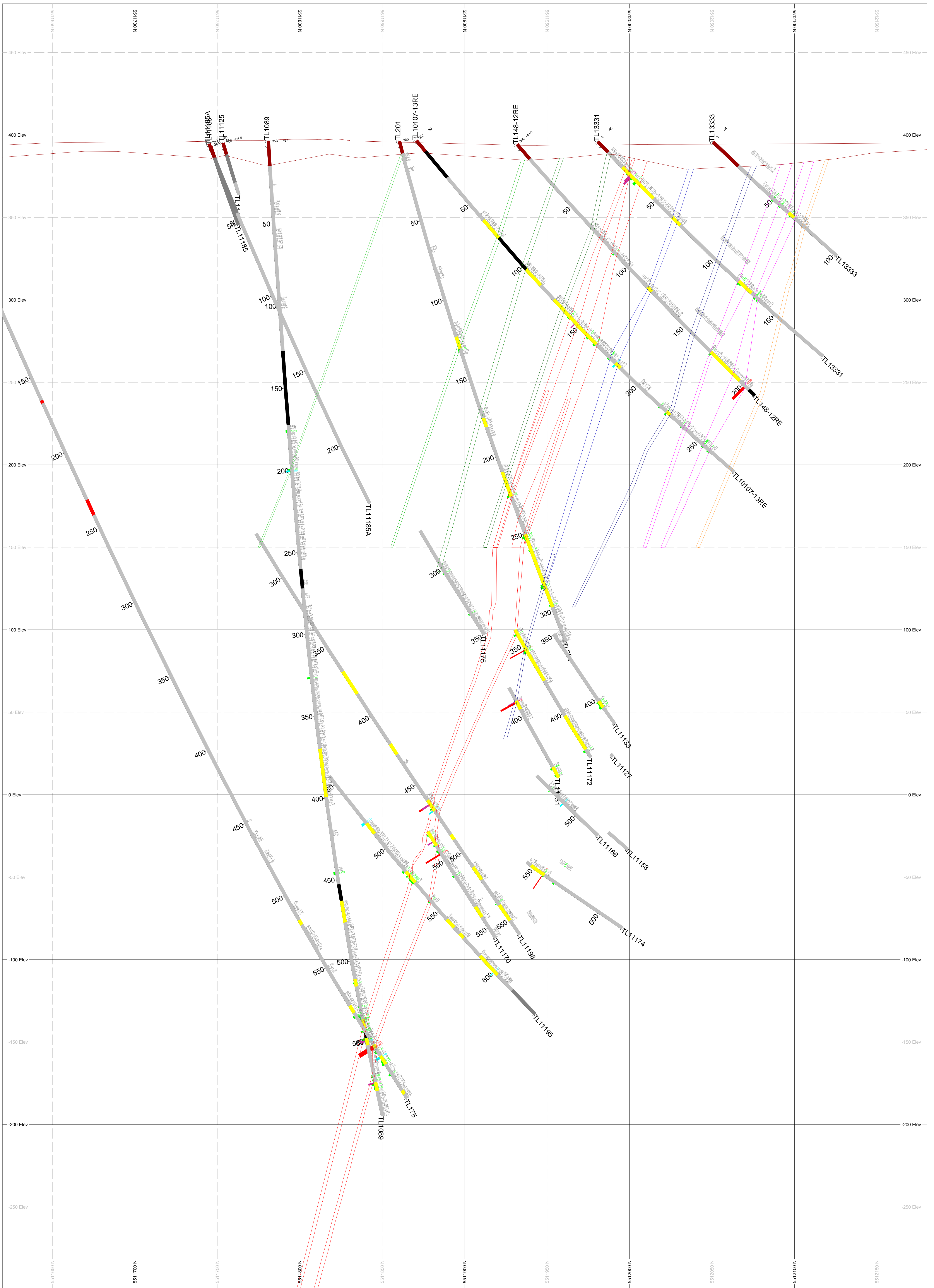


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Date: December 01, 2015	Office: Dryden, ON



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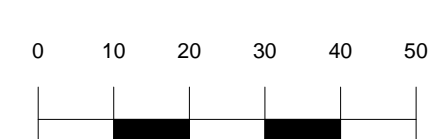
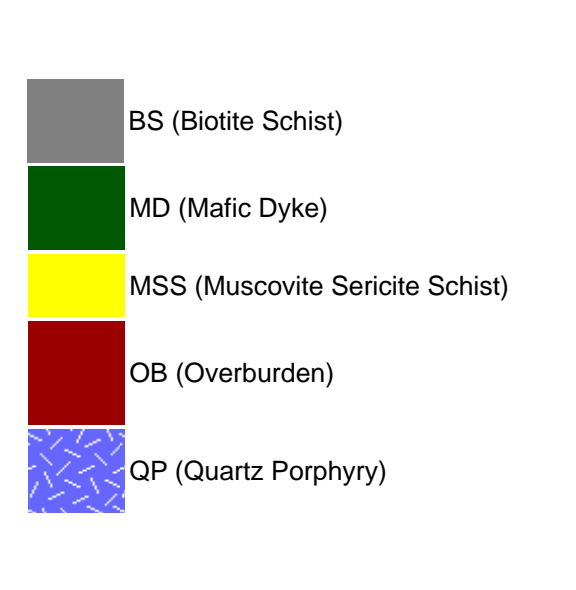
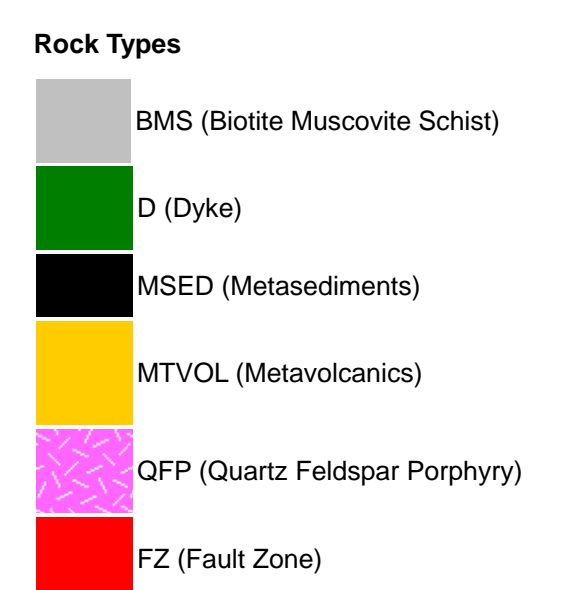
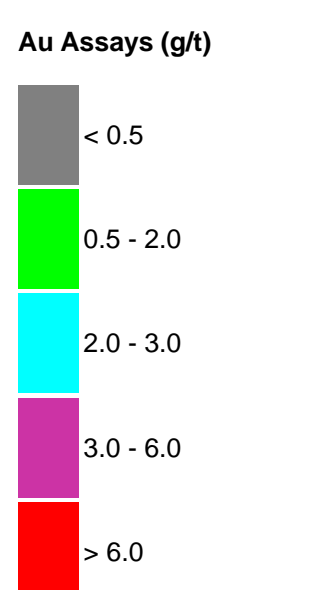
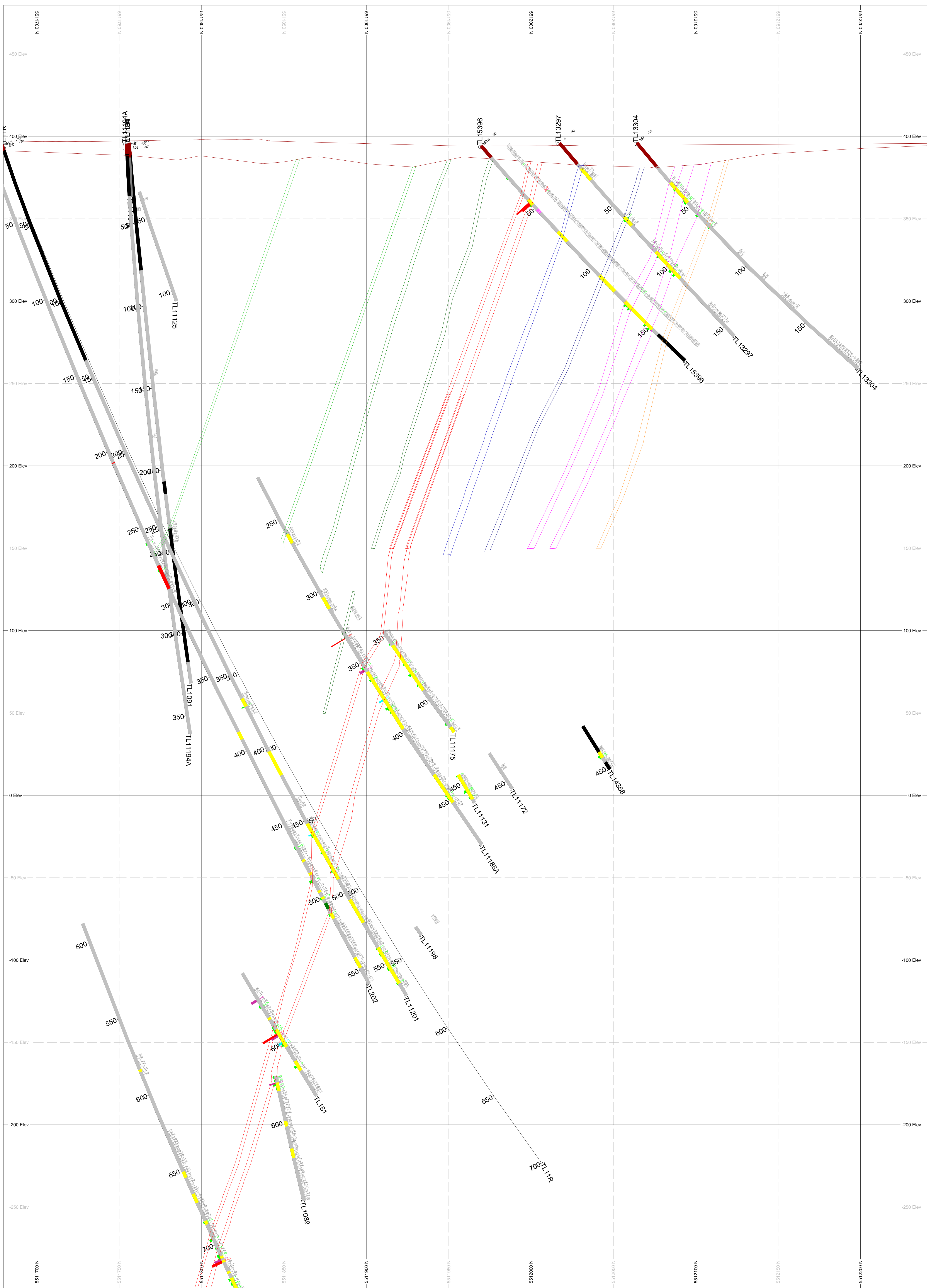
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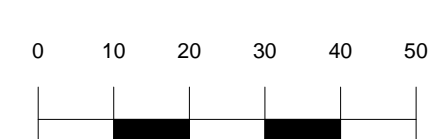
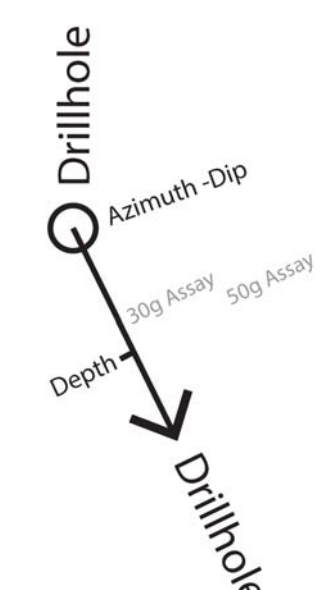
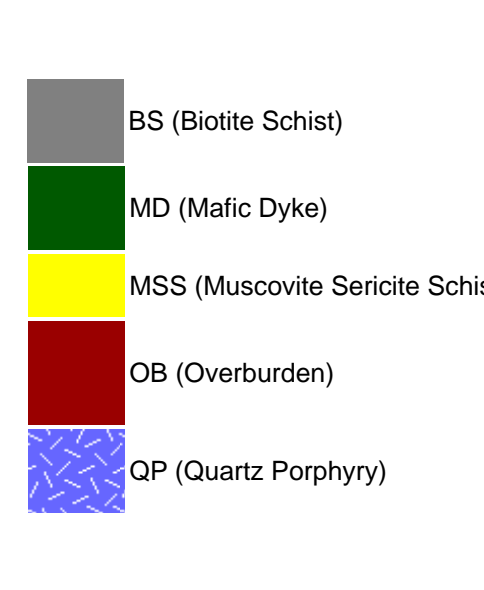
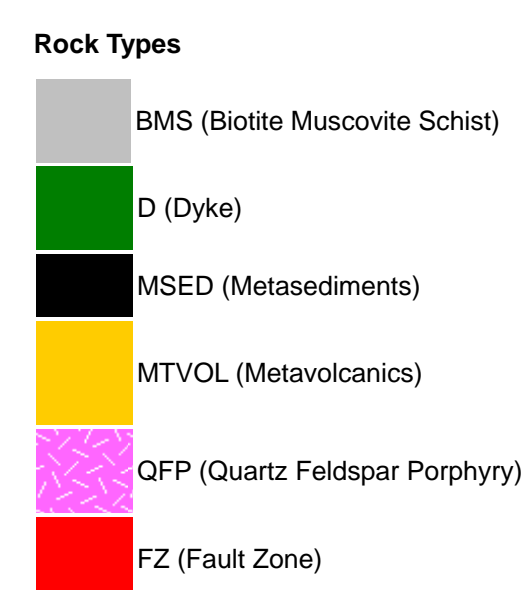
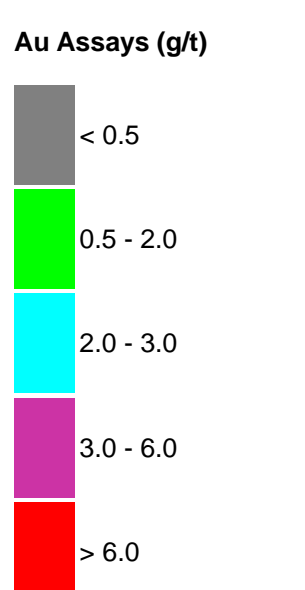
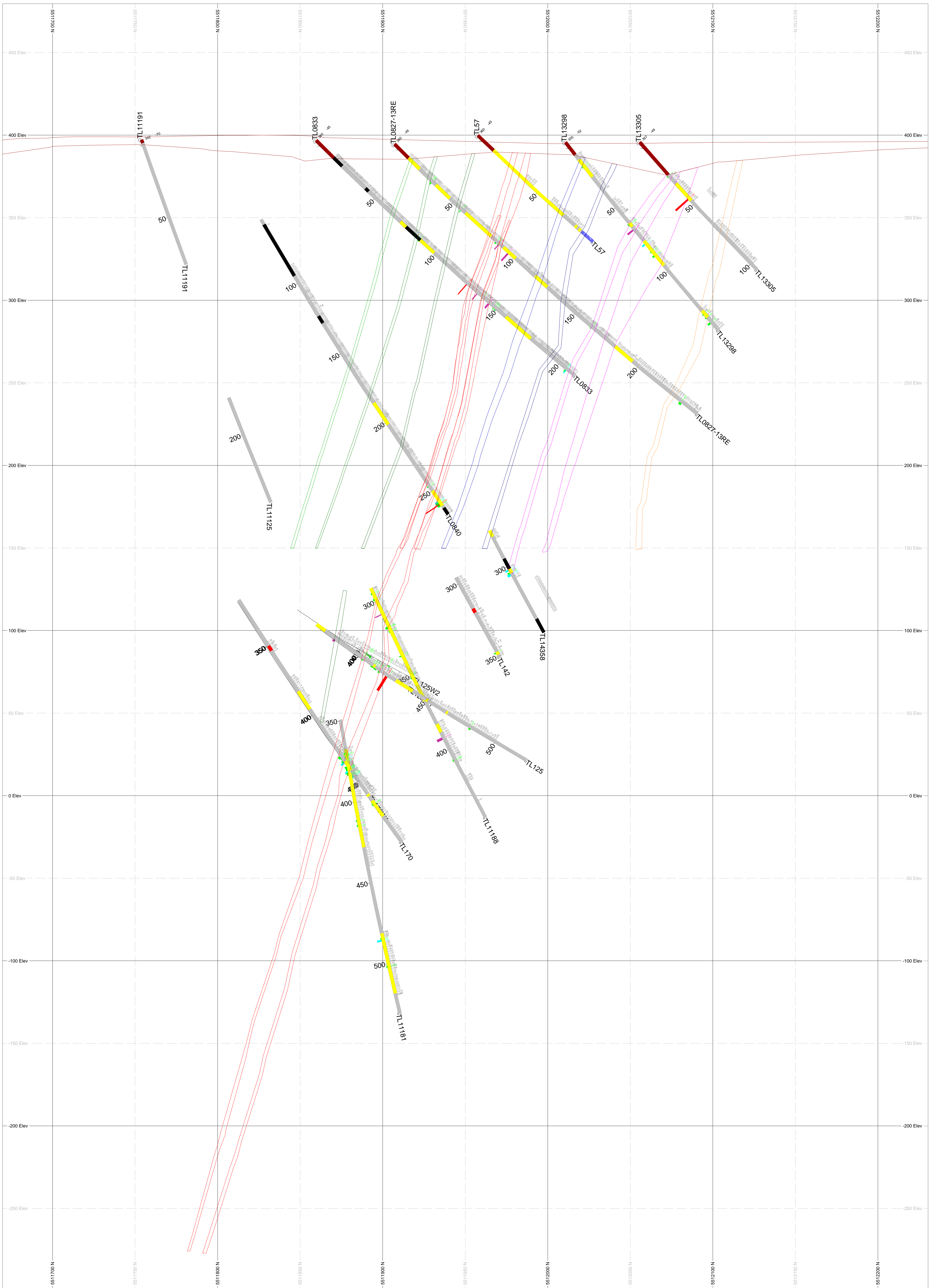
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Office: Dryden, ON



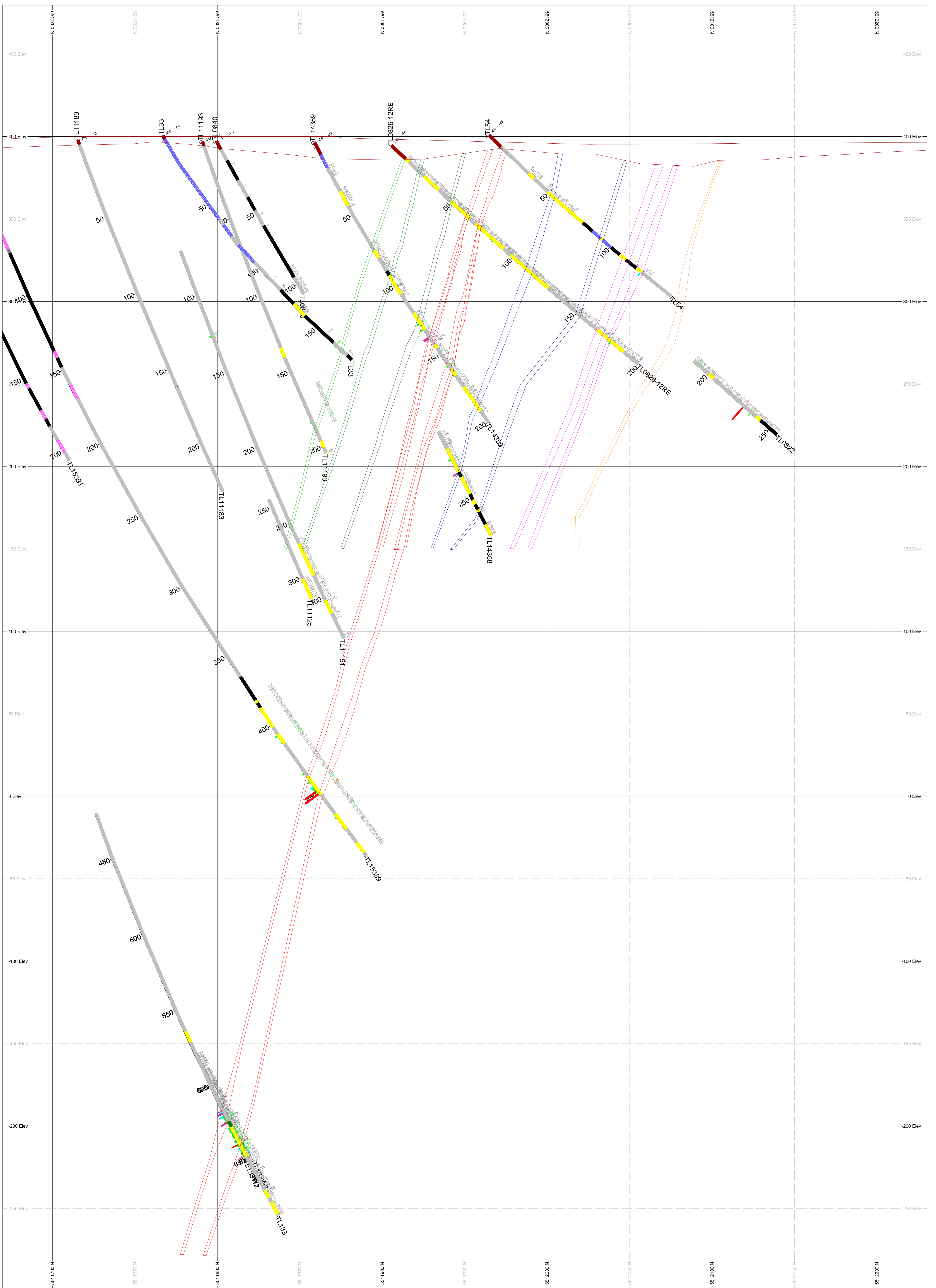
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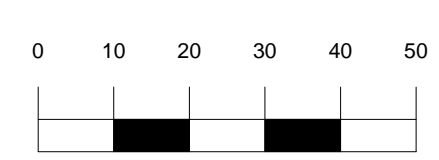
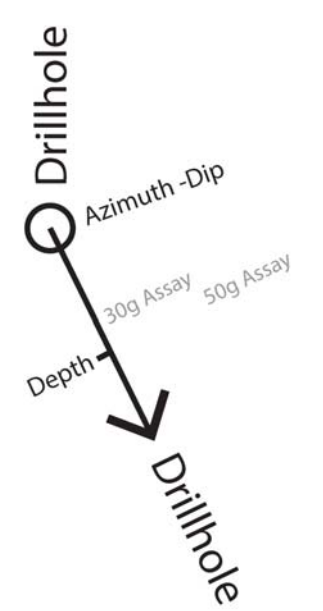
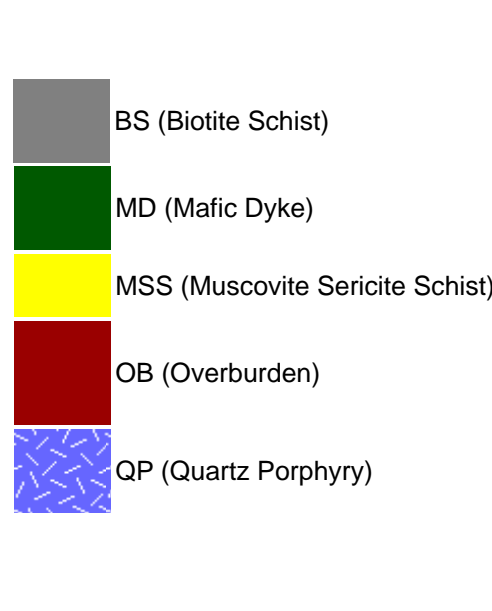
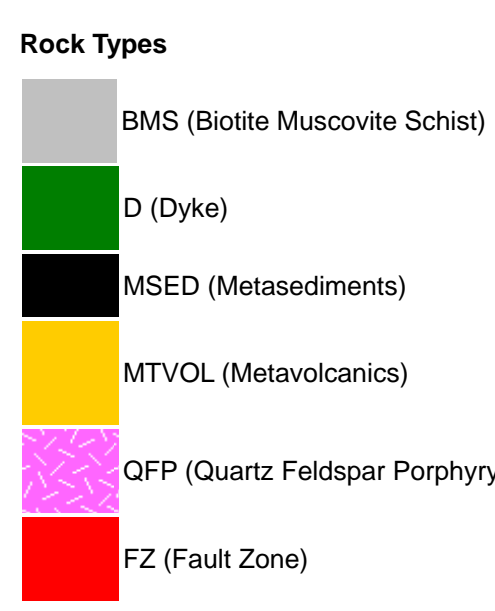
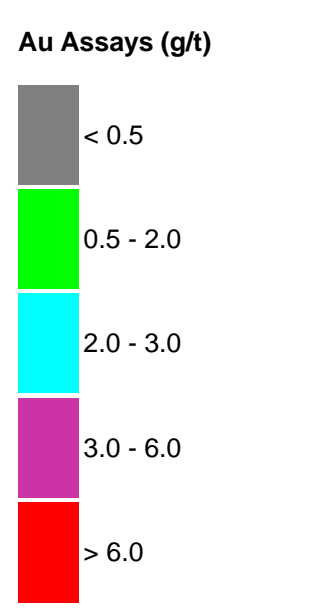
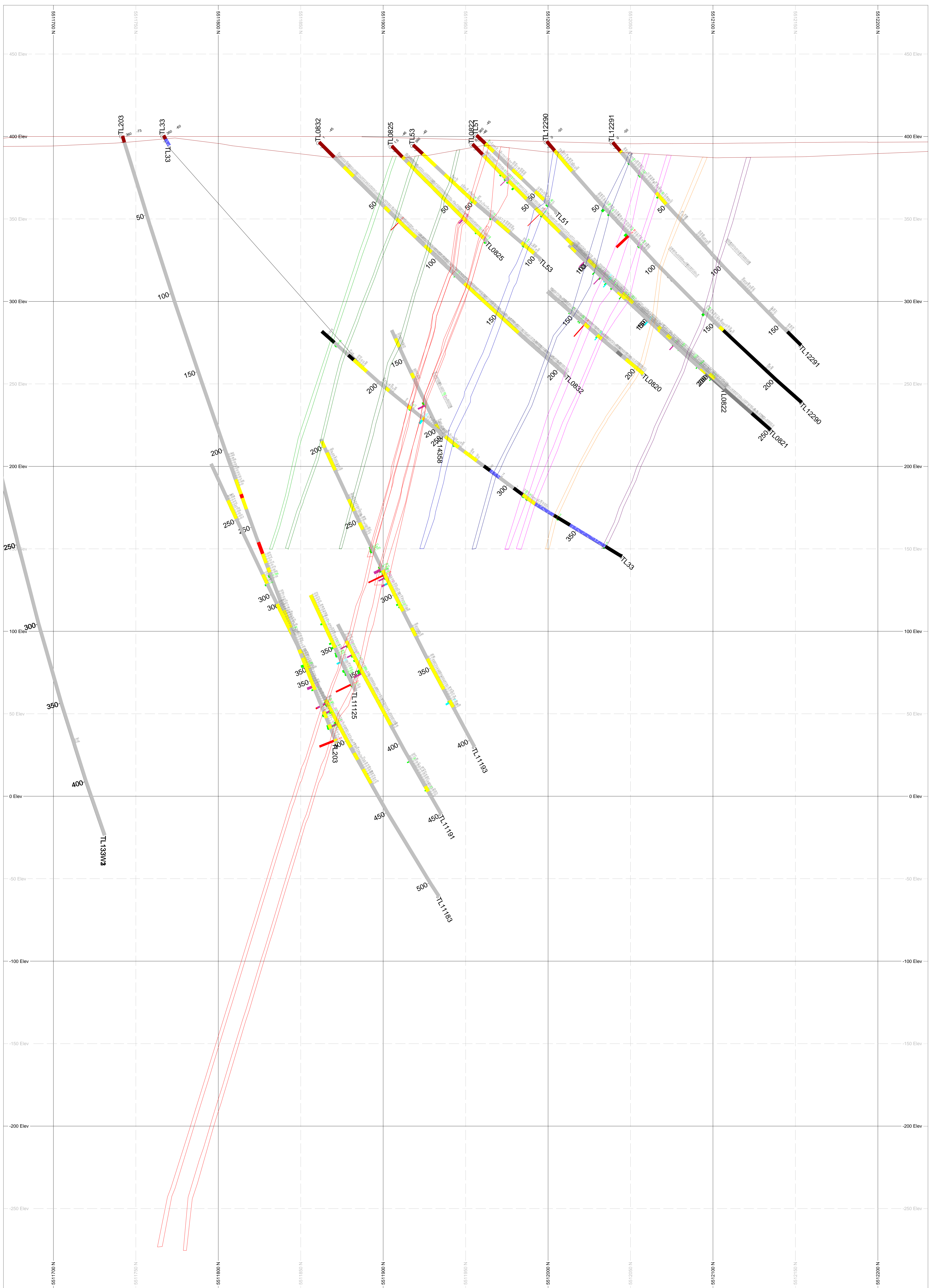



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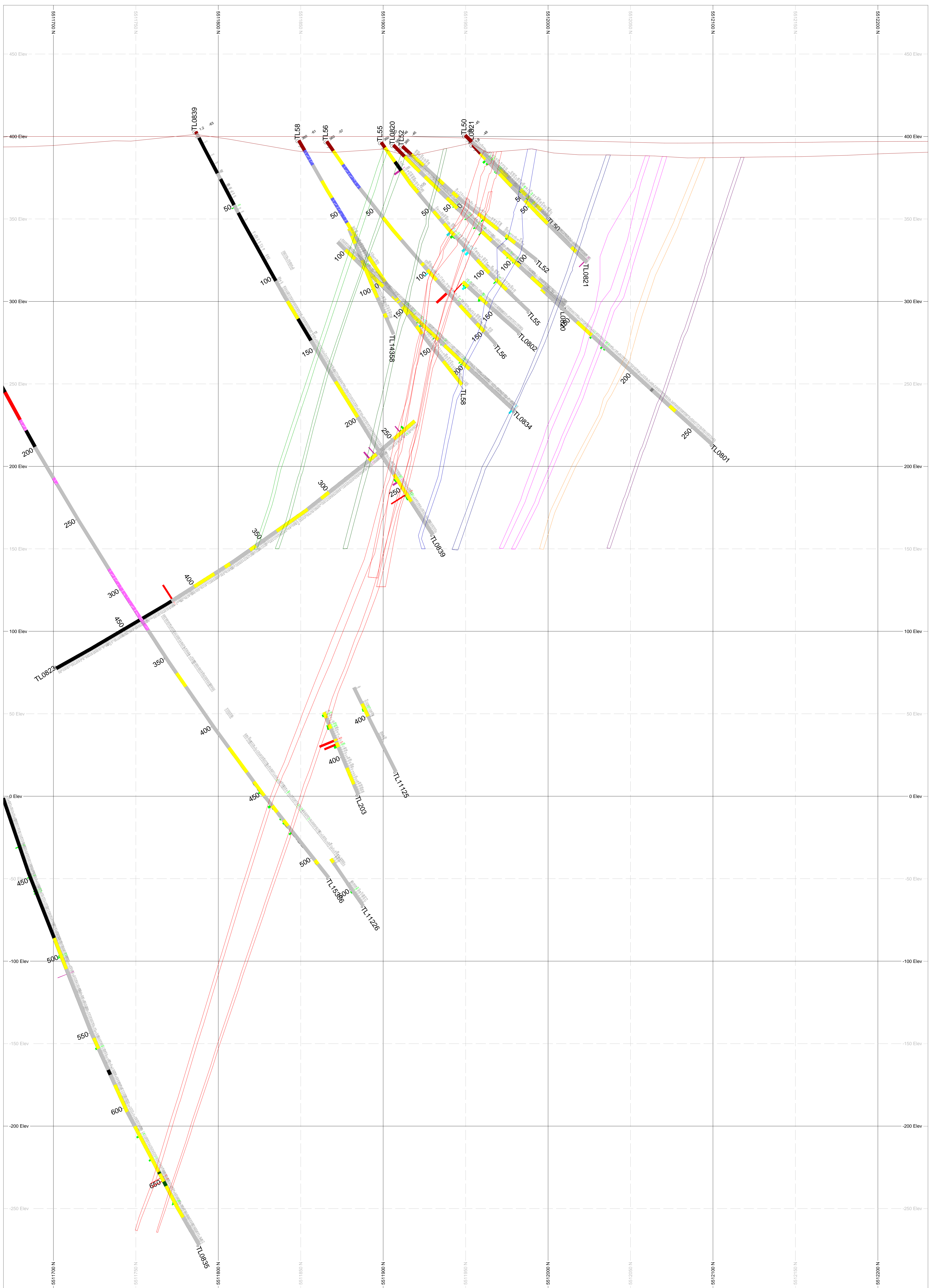
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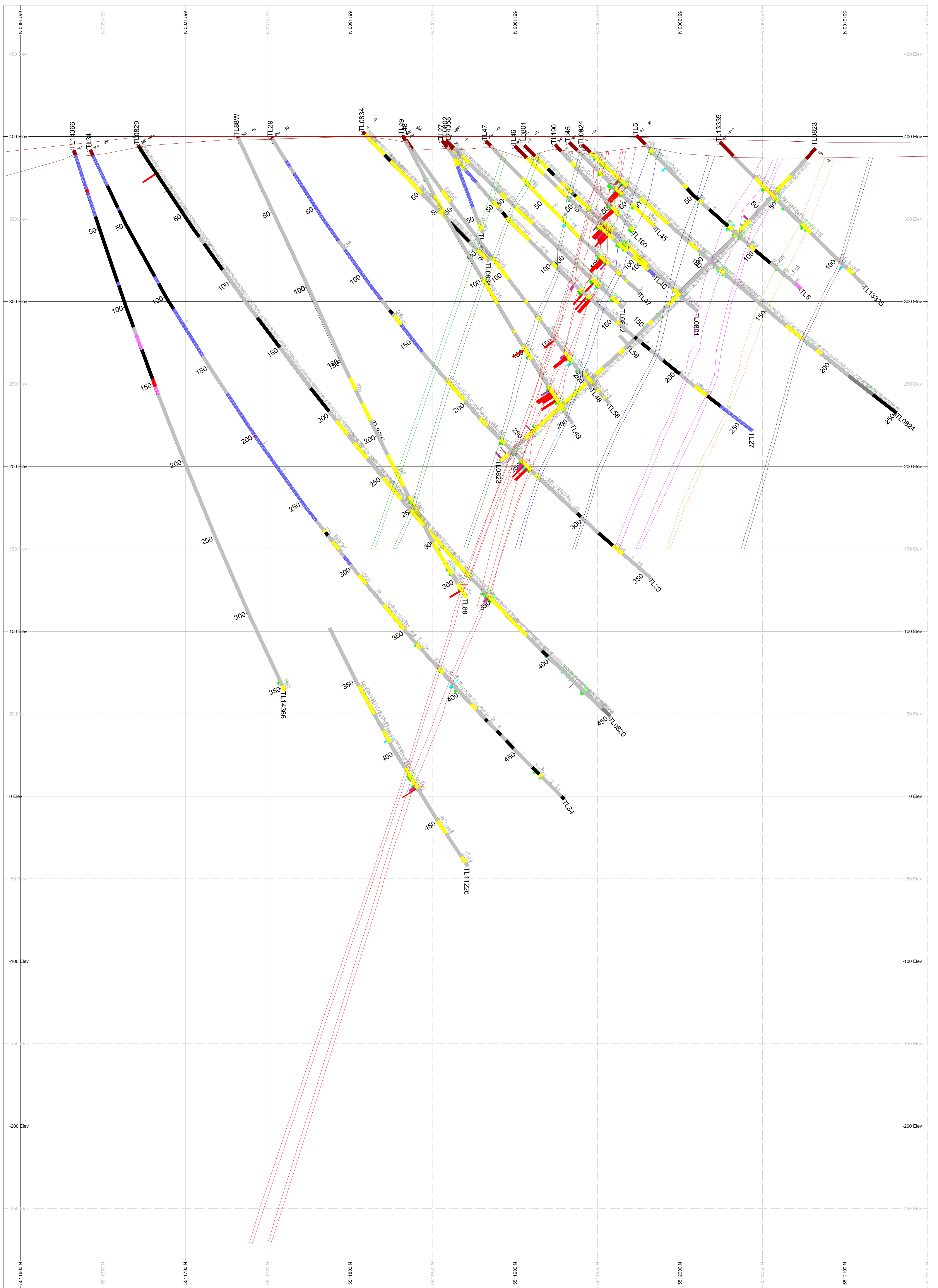
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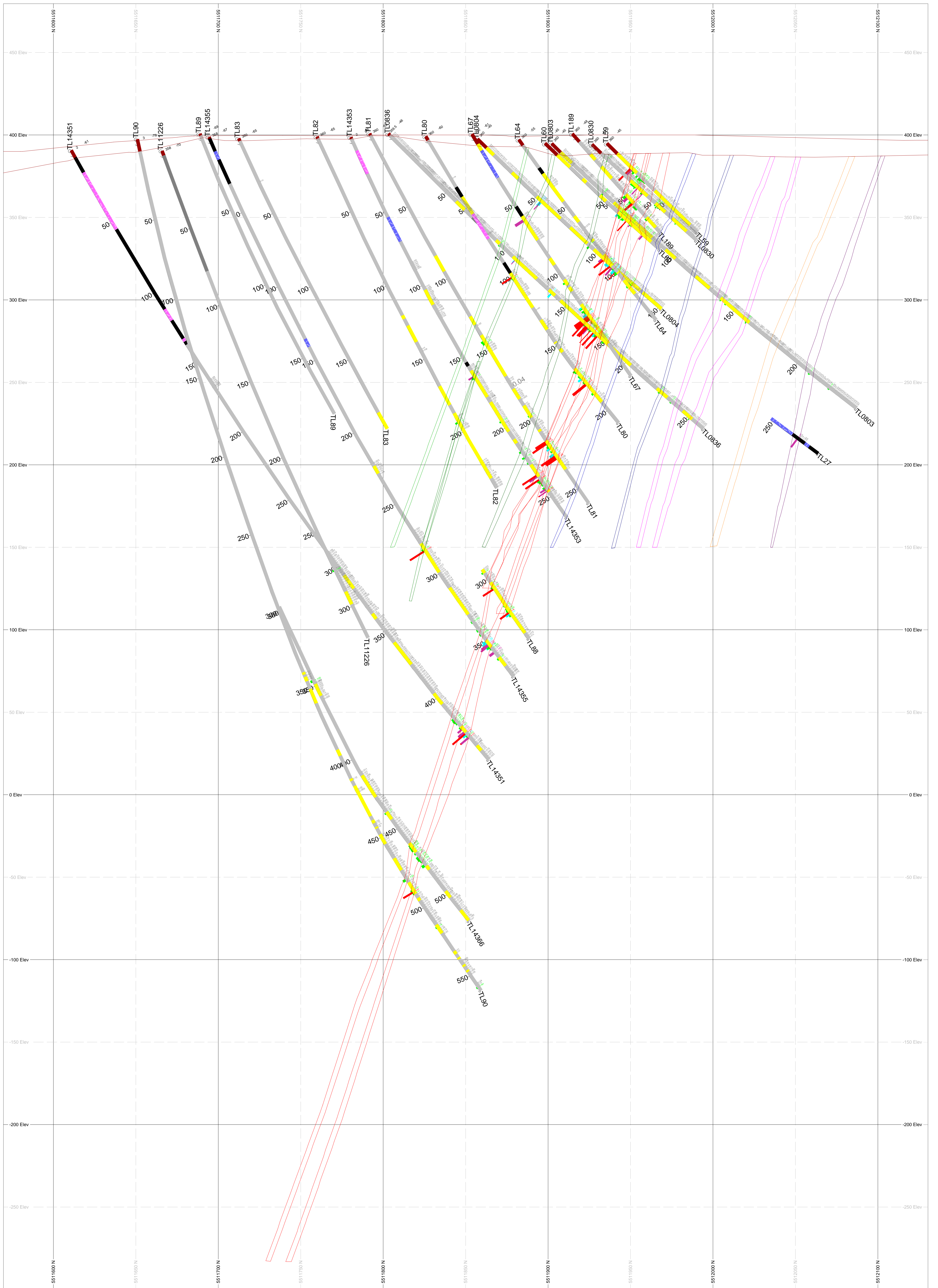
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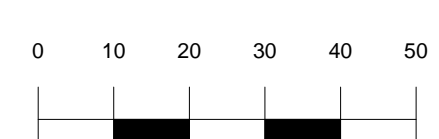
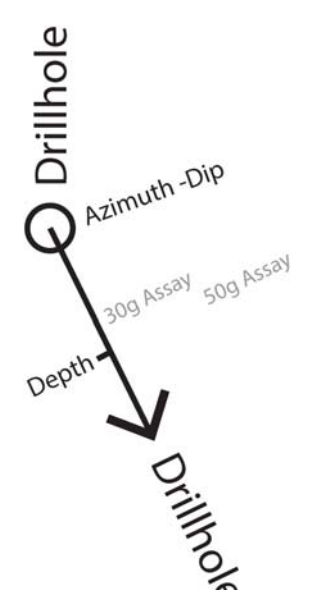
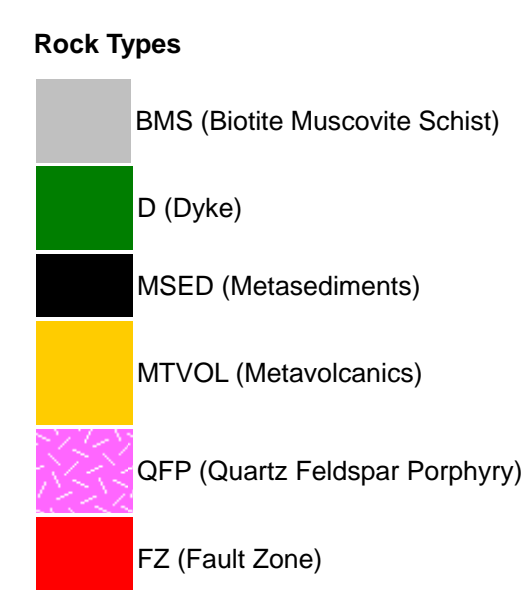
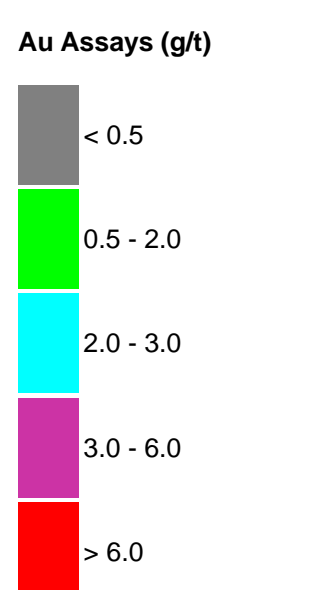
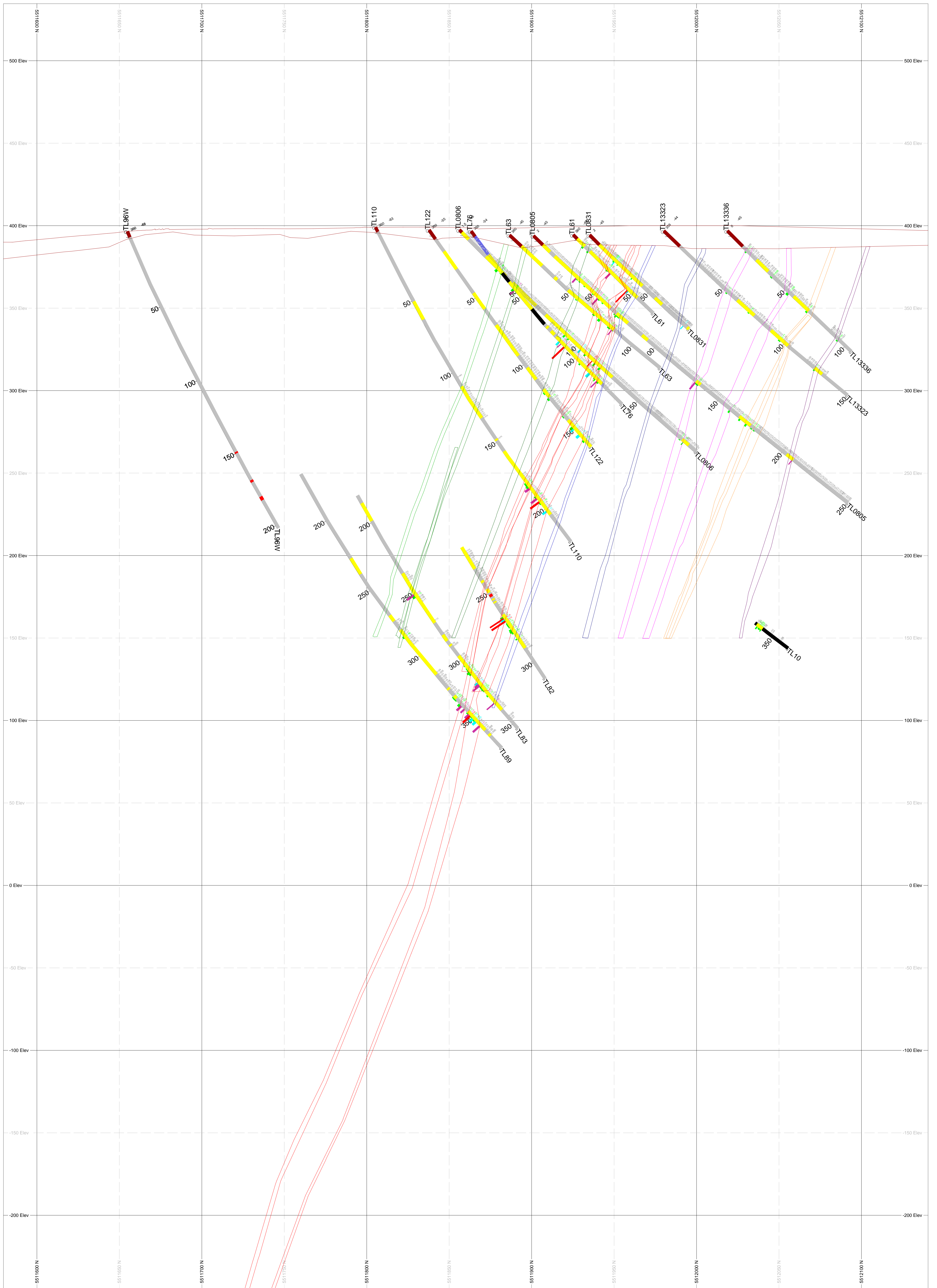
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Goliath Gold Project												
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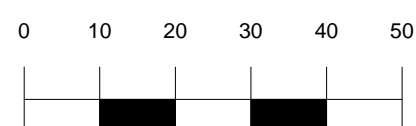
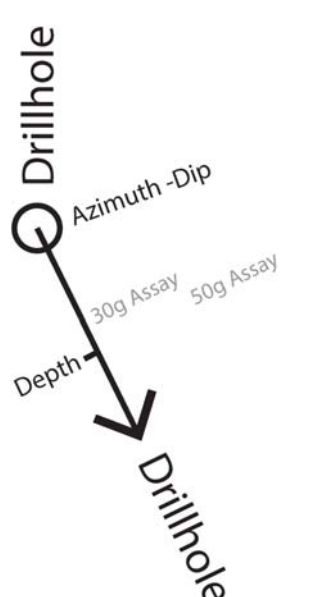
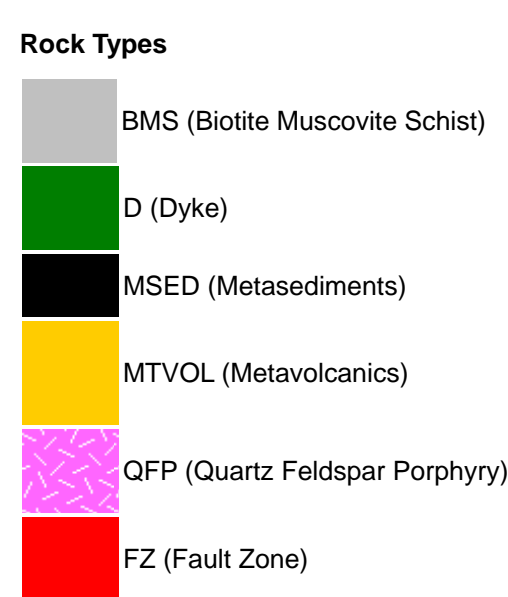
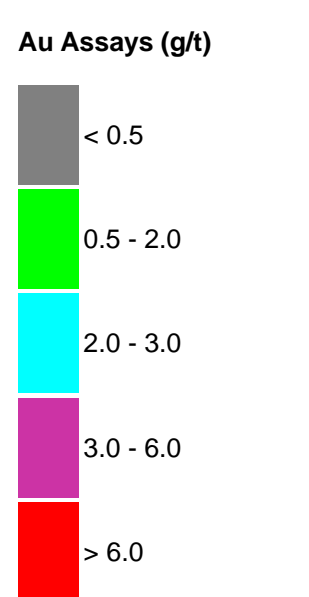
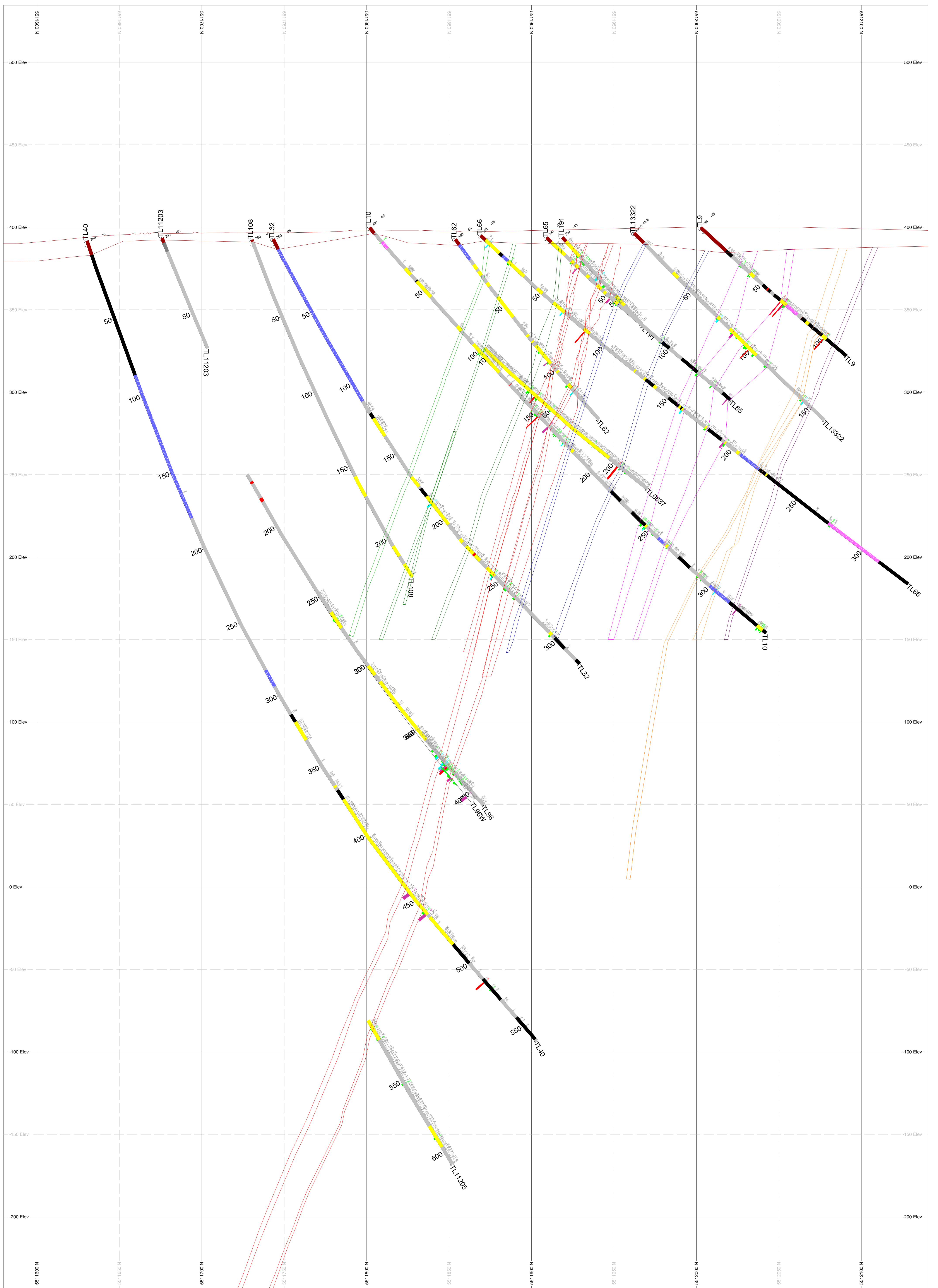
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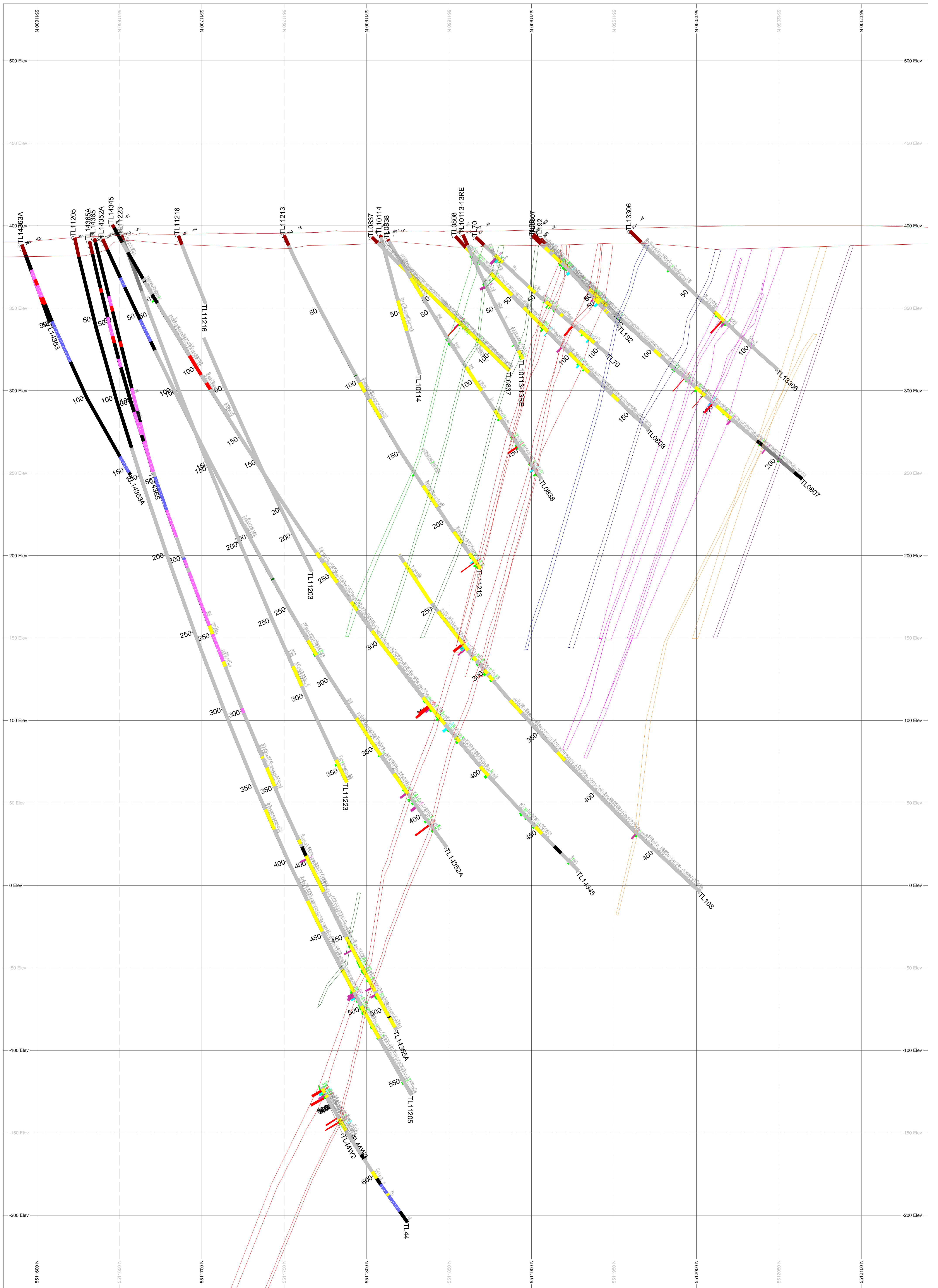


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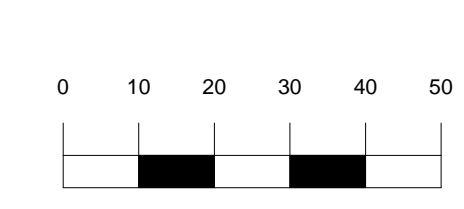
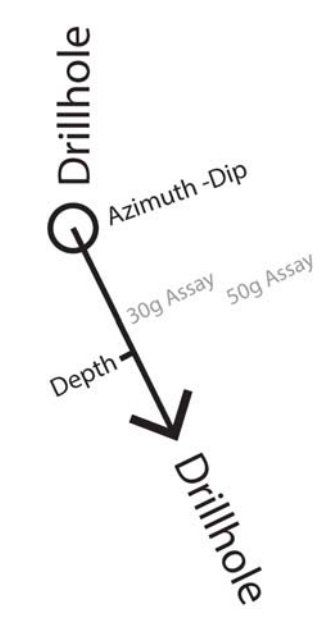
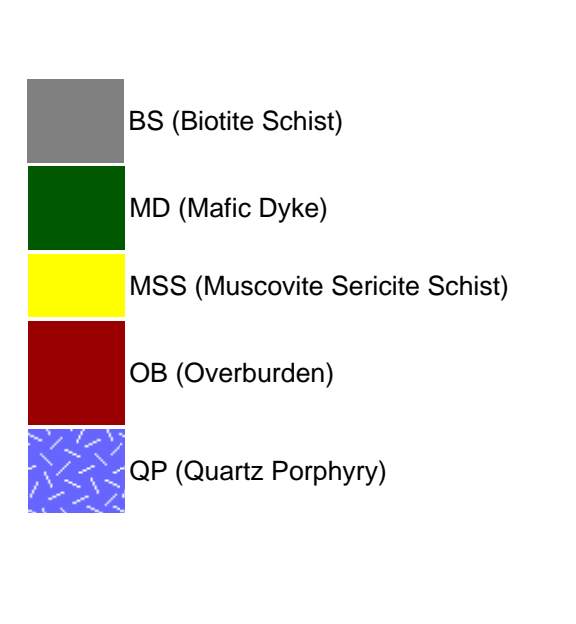
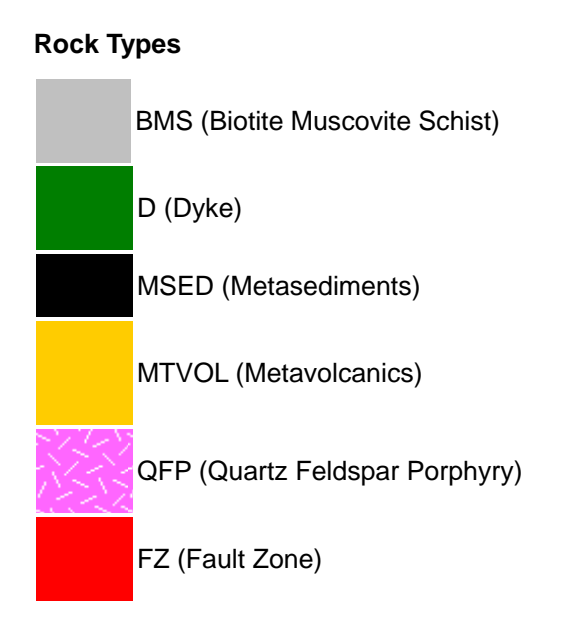
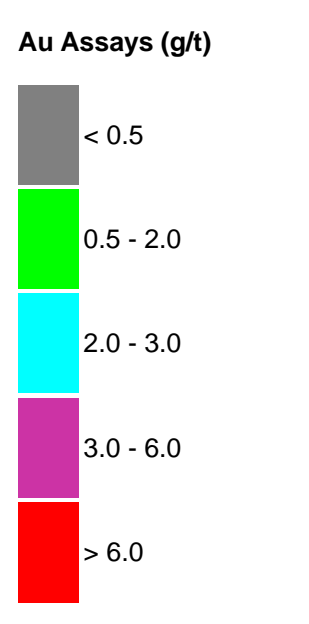
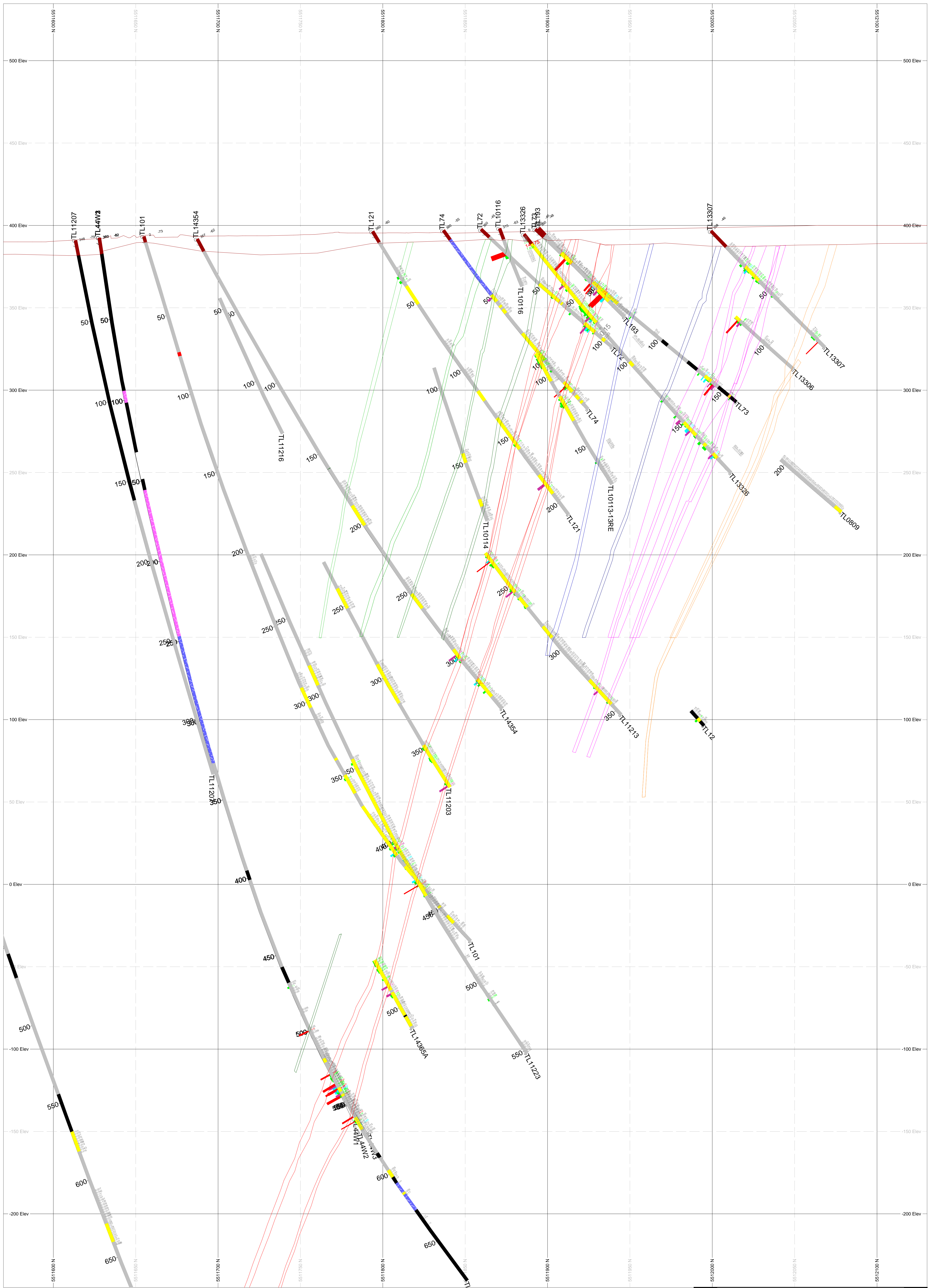
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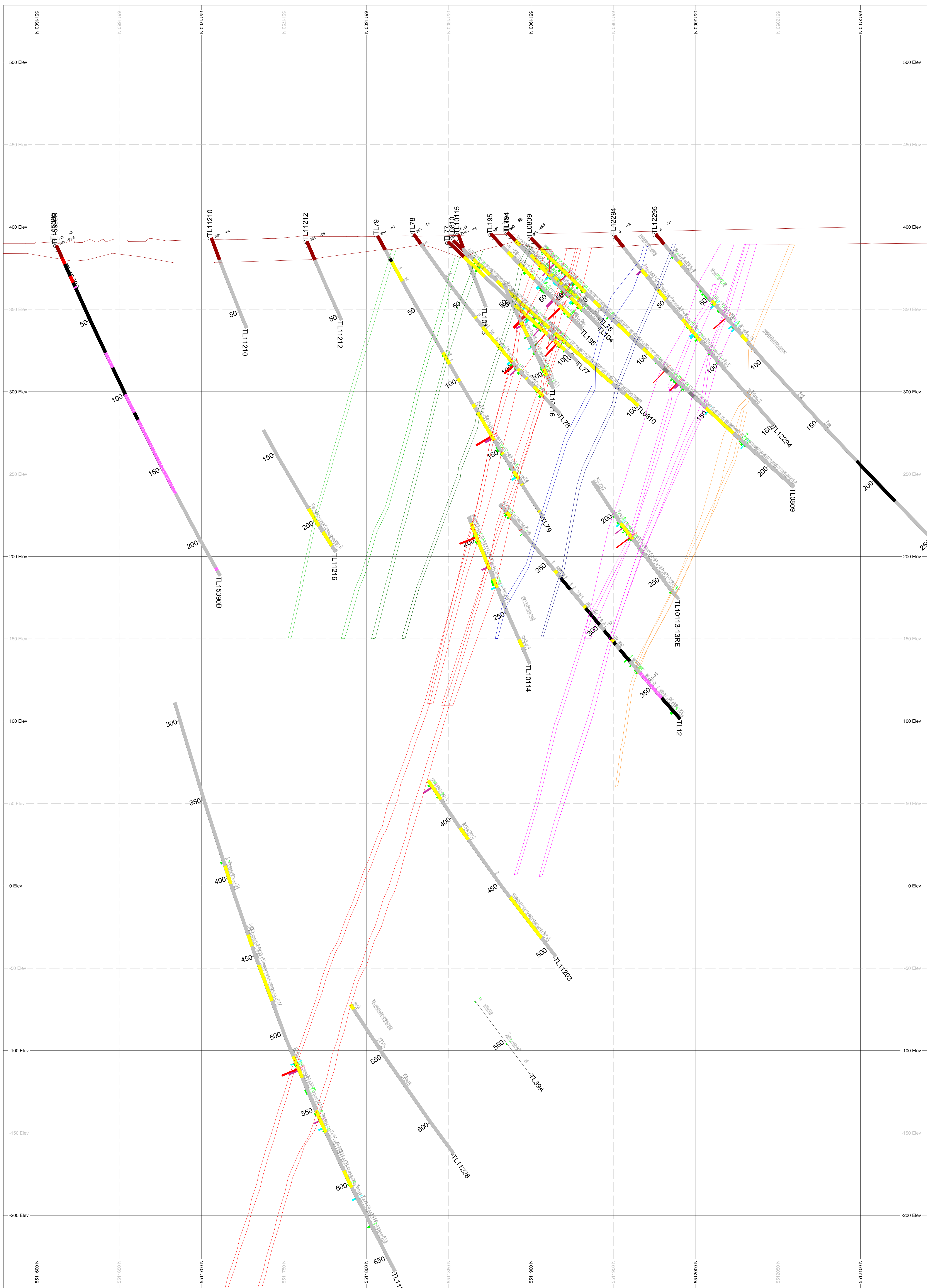
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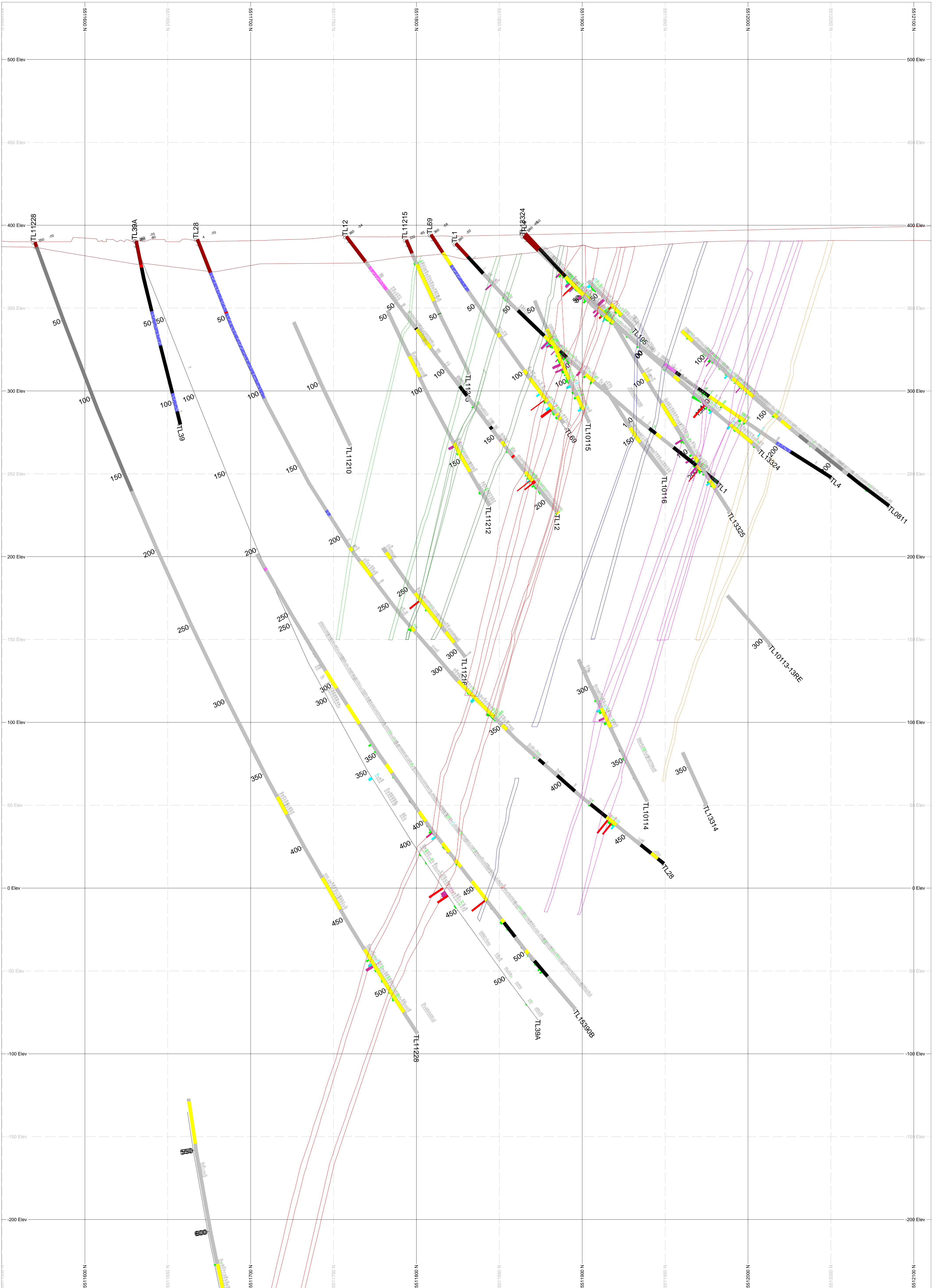


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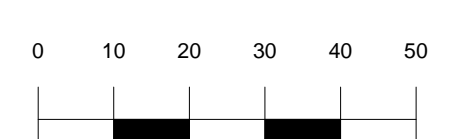
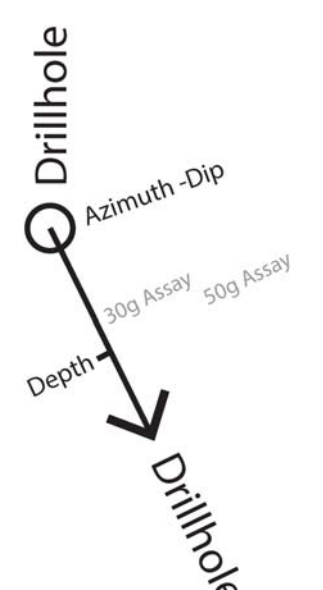
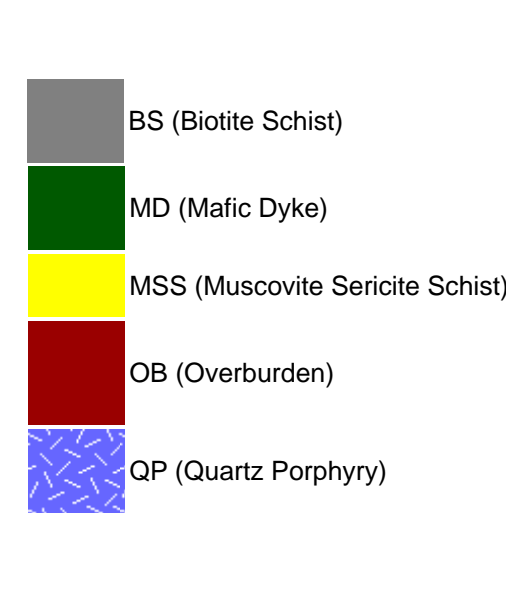
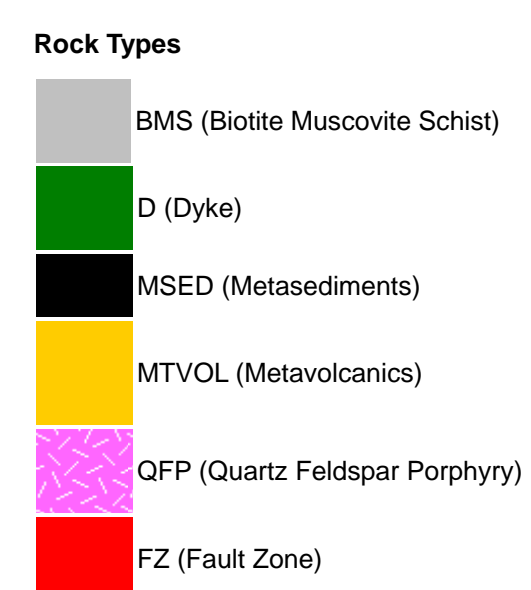
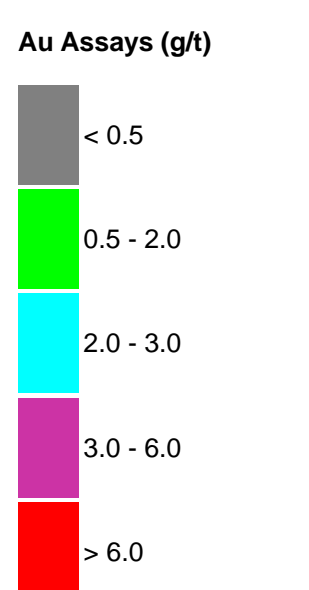
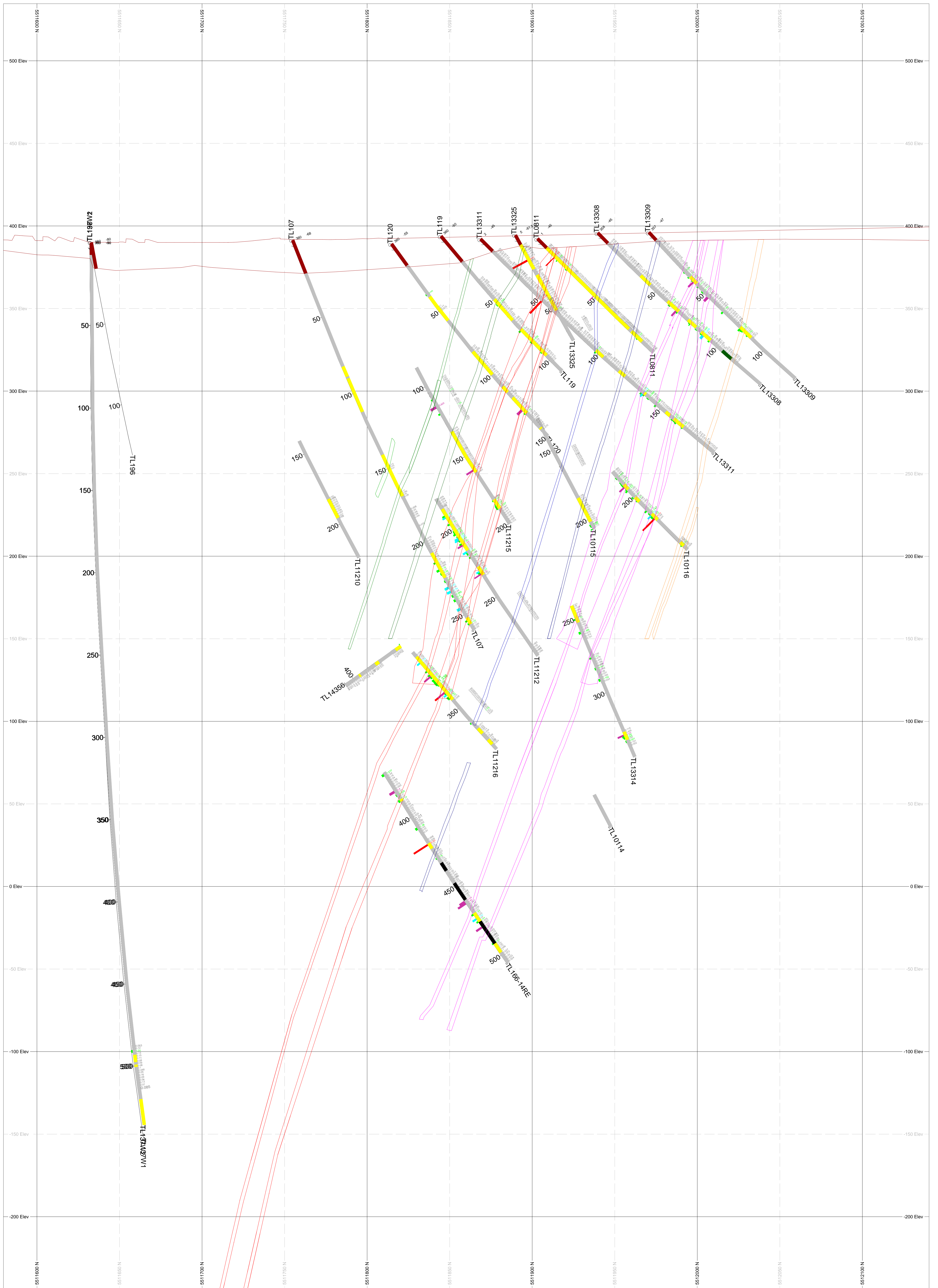
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<p>Au Assays (g/t)</p> <ul style="list-style-type: none"> < 0.5 0.5 - 2.0 2.0 - 3.0 3.0 - 6.0 > 6.0 	<p>Rock Types</p> <ul style="list-style-type: none"> BMS (Biotite Muscovite Schist) D (Dyke) MSED (Metasediments) MTVOL (Metavolcanics) QFP (Quartz Feldspar Porphyry) FZ (Fault Zone) 	<p>Wireframes</p> <ul style="list-style-type: none"> BS (Biotite Schist) MD (Mafic Dyke) MSS (Muscovite Sericite Schist) OB (Overburden) QP (Quartz Porphyry) 	<p>Wireframes</p> <ul style="list-style-type: none"> Overburden H4 Zone H3 Zone H2 Zone H1 Zone Main Zone B1 Zone B2 Zone C Zone D Zone E Zone 	<p>Drillhole</p> <p>Azimuth-Dip</p> <p>Depth</p> <p>30g Assay</p> <p>50g Assay</p>		<div style="text-align: center;">  <p>TREASURY METALS INCORPORATED</p> </div> <p style="text-align: center;">Goliath Gold Project</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">527800</td> <td style="width: 50%; text-align: center;">1:1000</td> </tr> <tr> <td style="text-align: center;">Date: December 01, 2015</td> <td style="text-align: center;">Office: Dryden, ON</td> </tr> </table>	527800	1:1000	Date: December 01, 2015	Office: Dryden, ON
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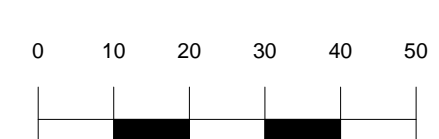
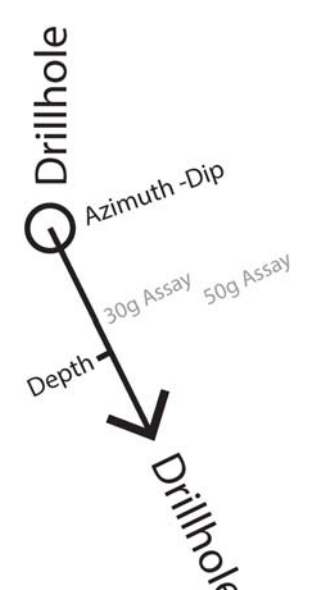
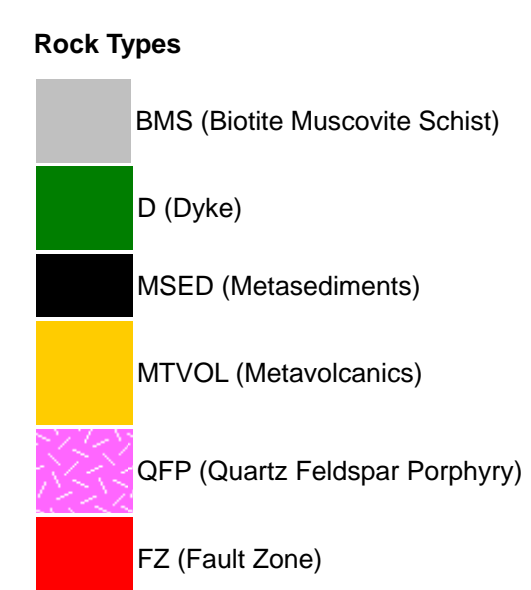
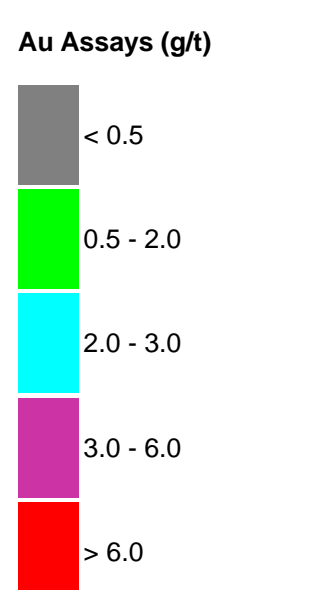
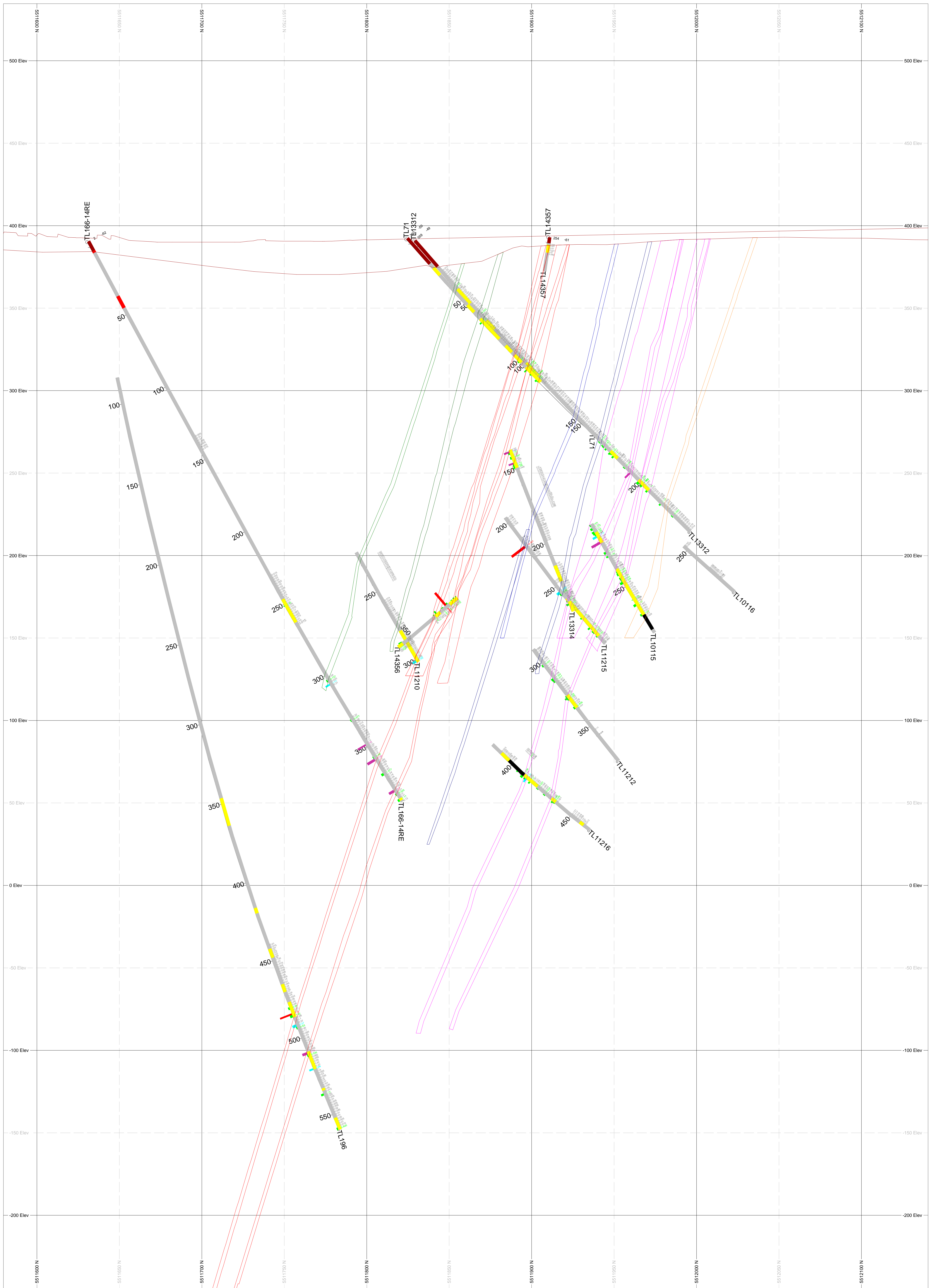





TREASURY METALS
INCORPORATED

Goliath Gold Project

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Date: December 01, 2015	Office: Dryden, ON

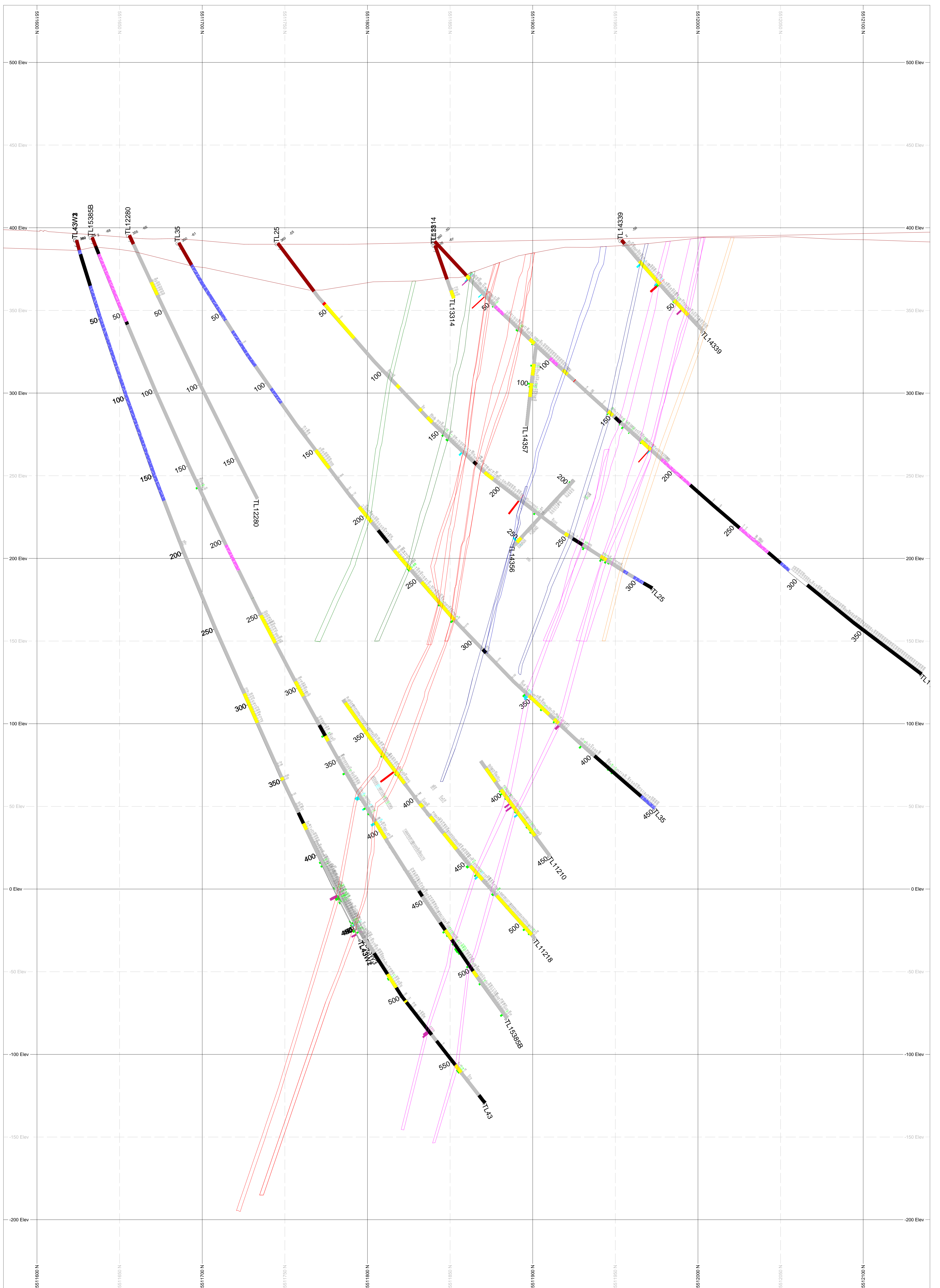





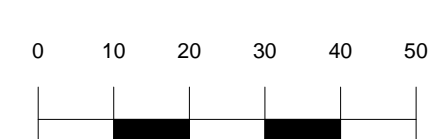
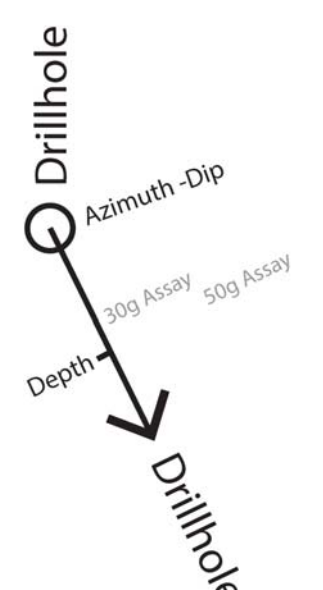
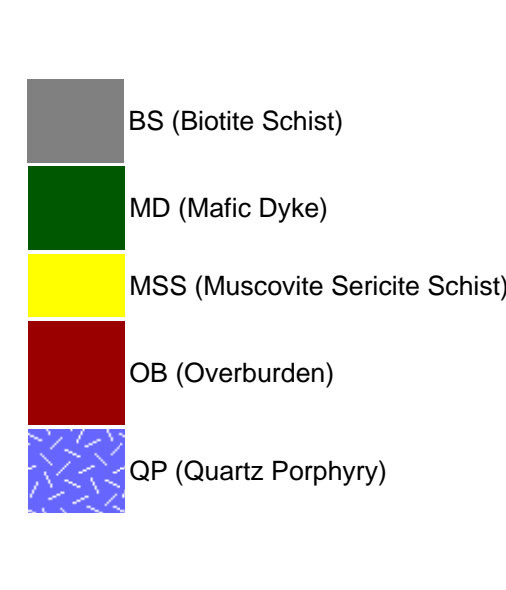
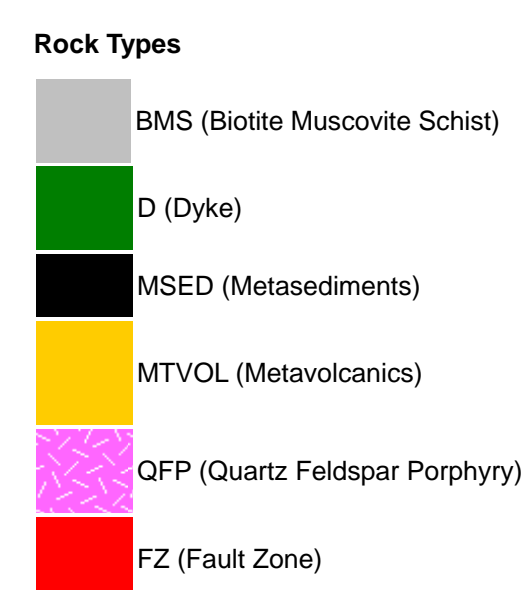
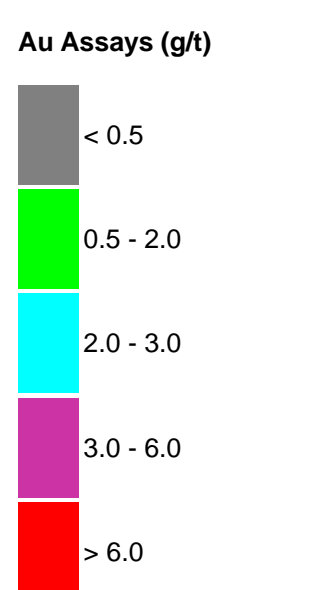
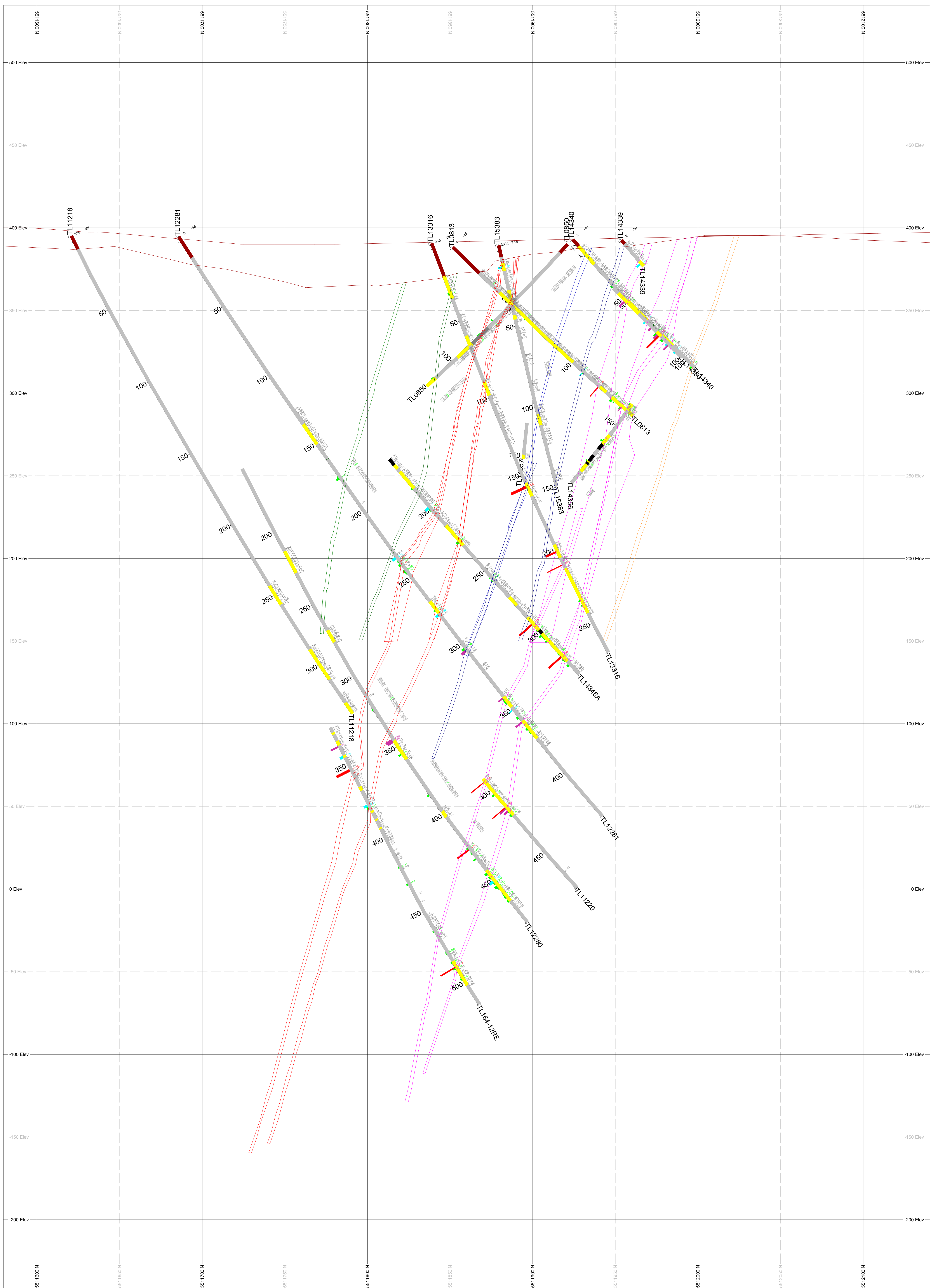
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INCORPORATED


Goliath Gold Project

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Date: December 01, 2015	Office: Dryden, ON



<p>Au Assays (g/t)</p> <ul style="list-style-type: none"> < 0.5 0.5 - 2.0 2.0 - 3.0 3.0 - 6.0 > 6.0 	<p>Rock Types</p> <ul style="list-style-type: none"> BMS (Biotite Muscovite Schist) D (Dyke) MSED (Metasediments) MTVOL (Metavolcanics) QFP (Quartz Feldspar Porphyry) FZ (Fault Zone) 	<p>Wireframes</p> <ul style="list-style-type: none"> BS (Biotite Schist) MD (Mafic Dyke) MSS (Muscovite Sericite Schist) OB (Overburden) QP (Quartz Porphyry) 	<p>Wireframes</p> <ul style="list-style-type: none"> Overburden H4 Zone H3 Zone H2 Zone H1 Zone Main Zone B1 Zone B2 Zone C Zone D Zone E Zone 	<p>Drillhole</p> <p>Azimuth-Dip</p> <p>Depth 30g Assay 50g Assay</p>		<div style="text-align: center;">  <p>TREASURY METALS INCORPORATED</p> </div> <p style="text-align: center;">Goliath Gold Project</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">527675</td> <td style="width: 50%; text-align: center;">1:1000</td> </tr> <tr> <td style="text-align: center;">Date: December 01, 2015</td> <td style="text-align: center;">Office: Dryden, ON</td> </tr> </table>	527675	1:1000	Date: December 01, 2015	Office: Dryden, ON
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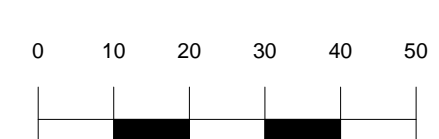
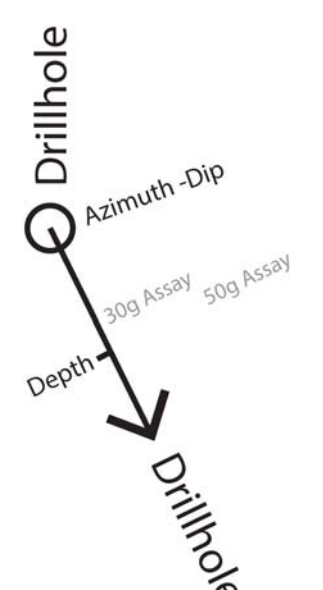
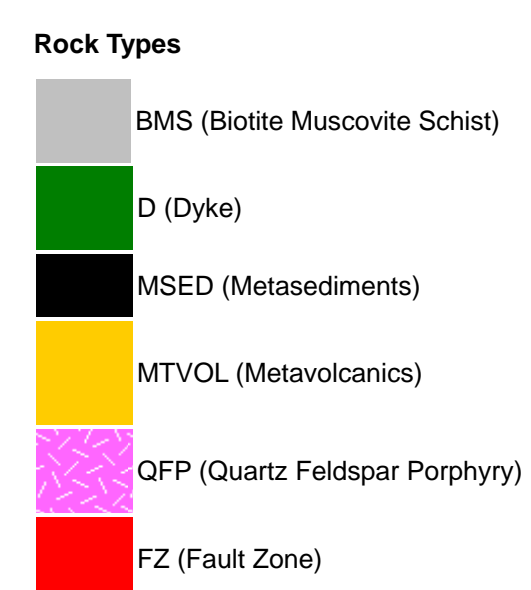
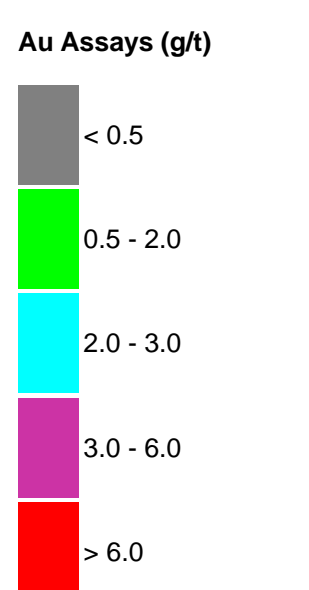
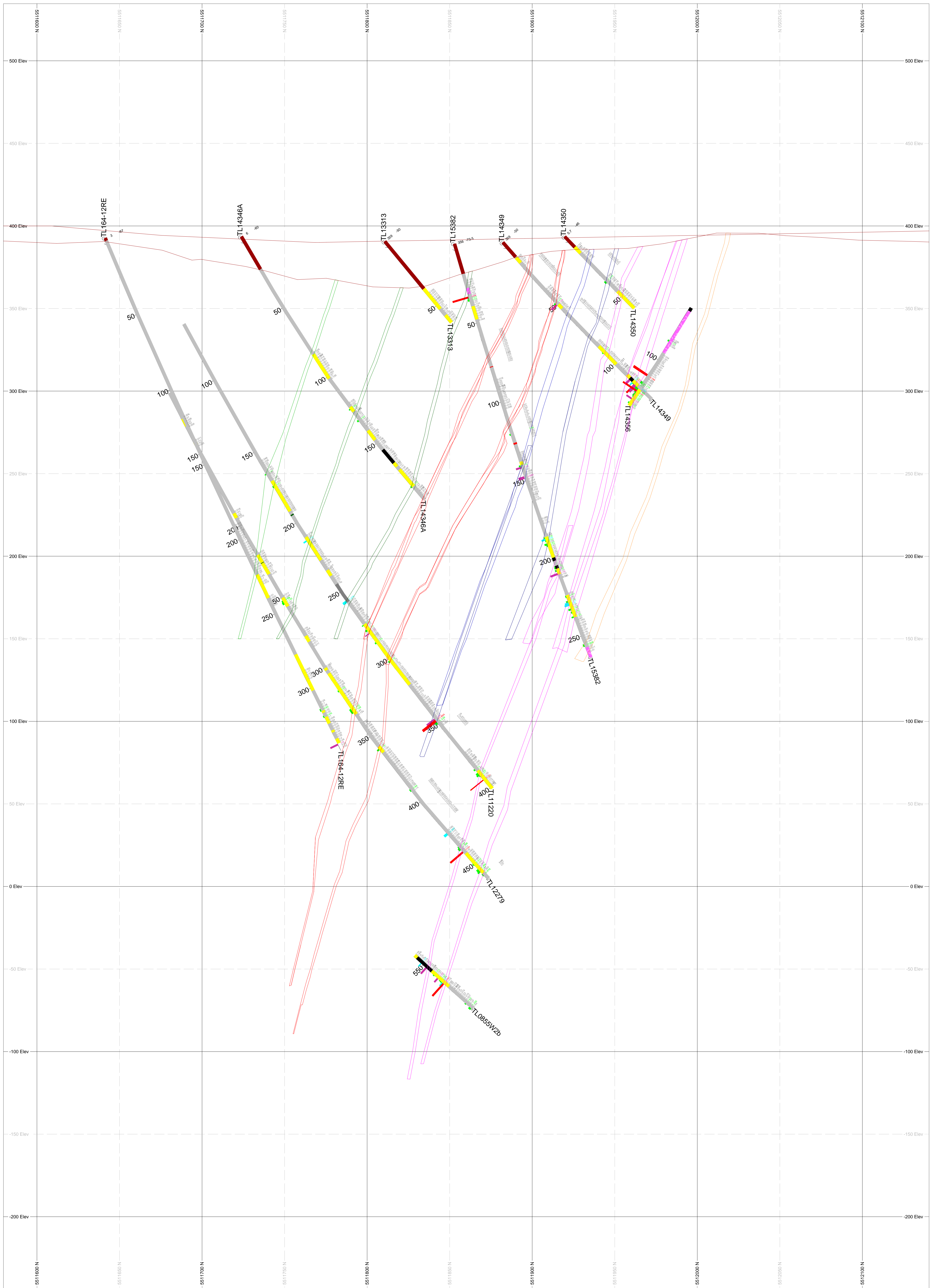





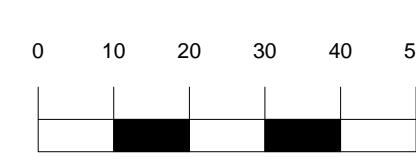
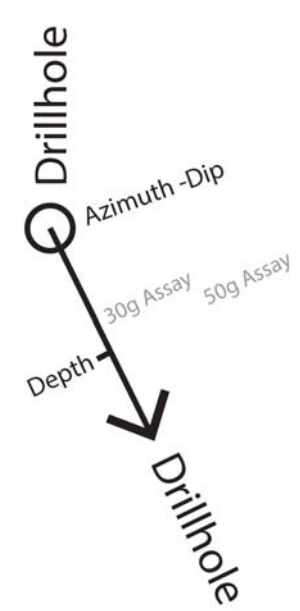
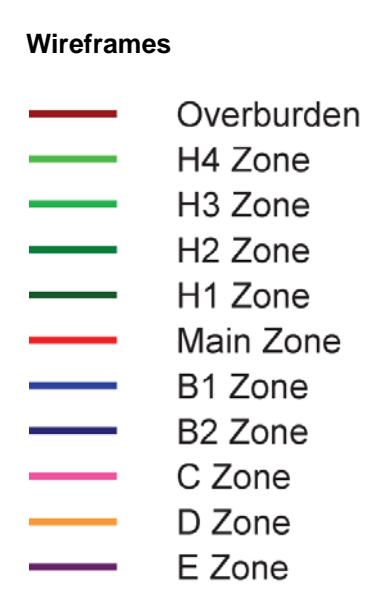
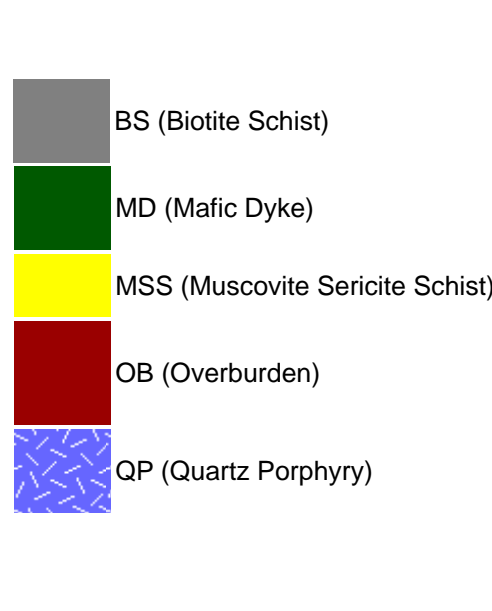
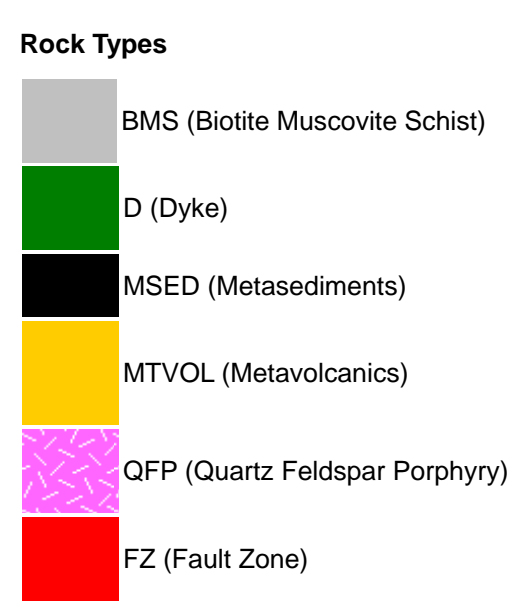
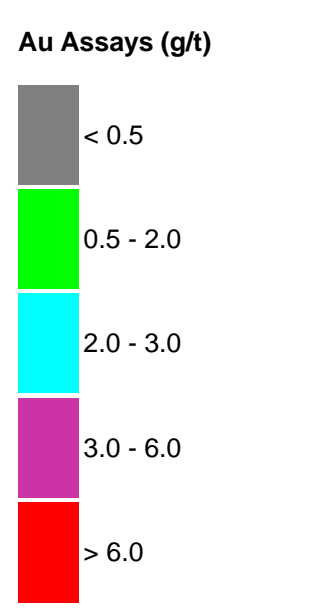
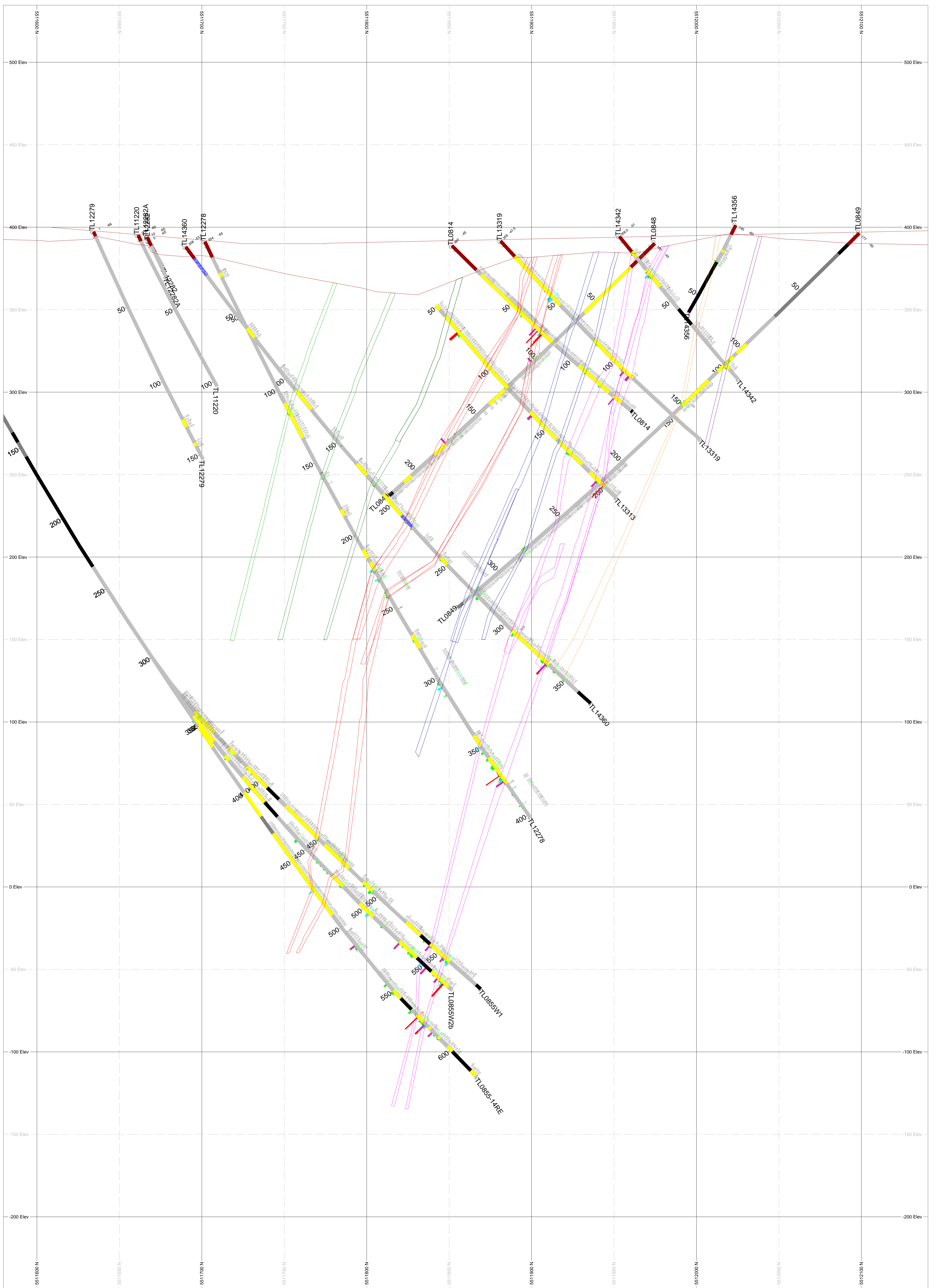
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Goliath Gold Project

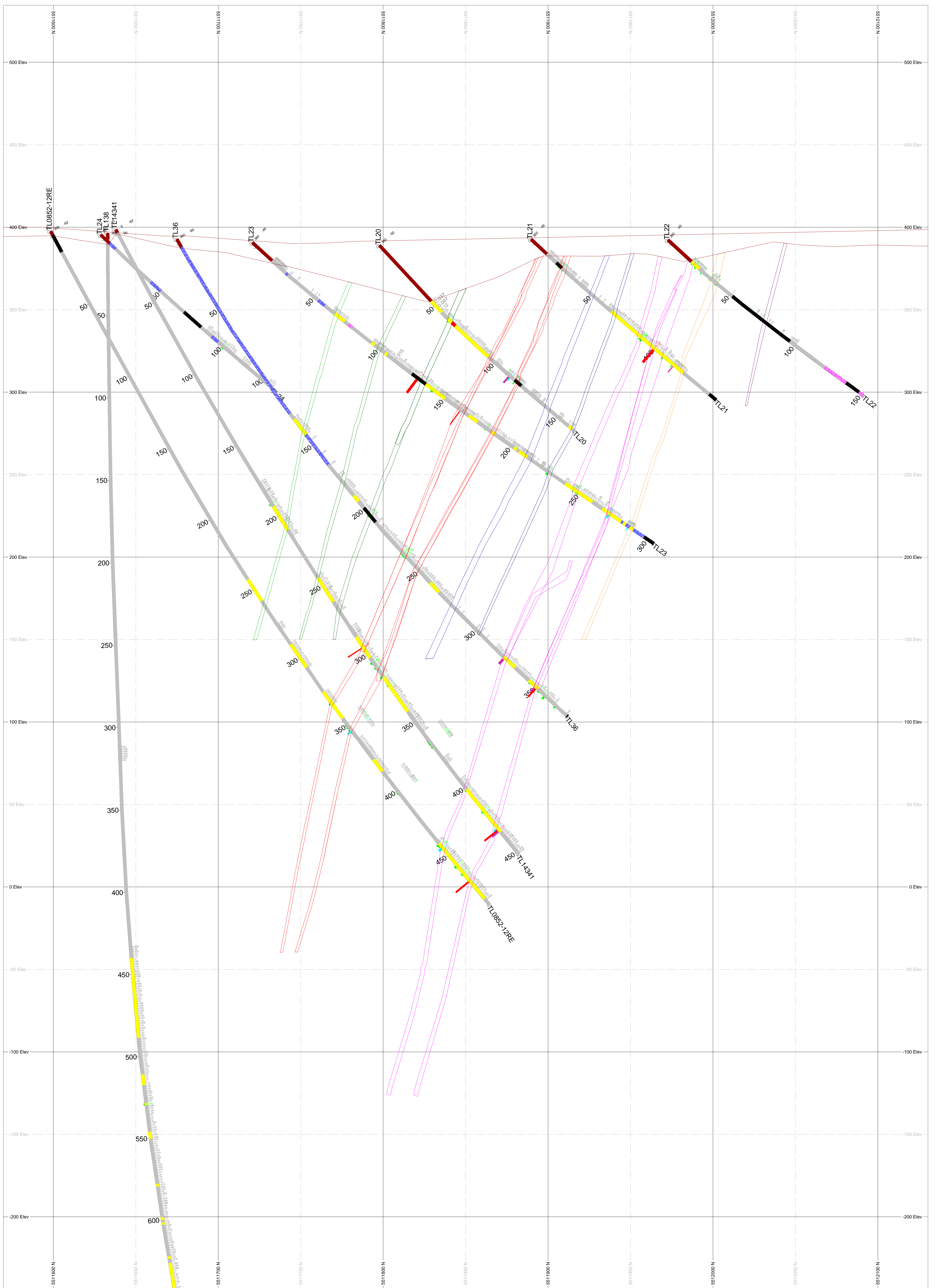
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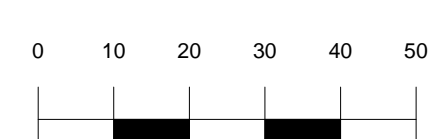
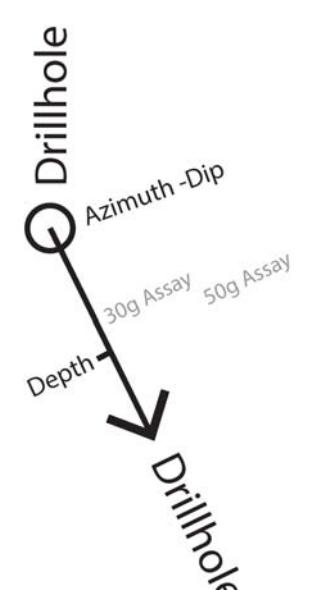
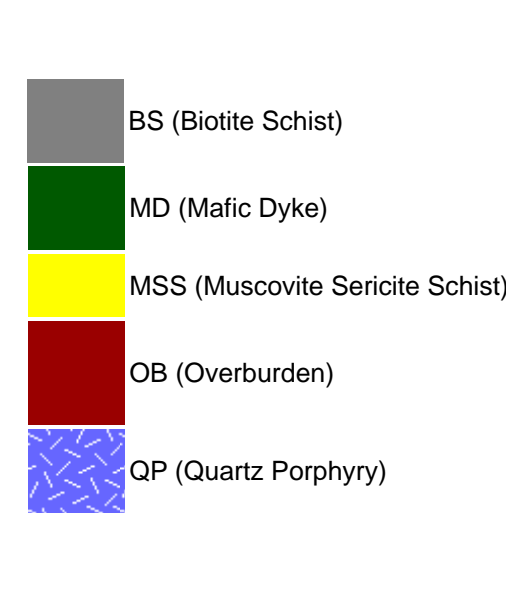
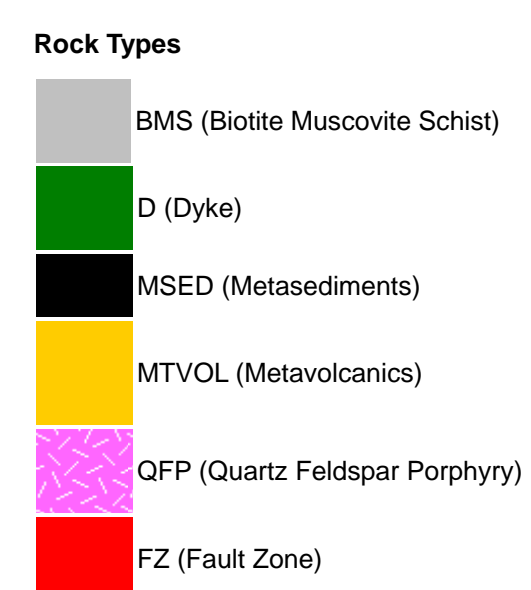
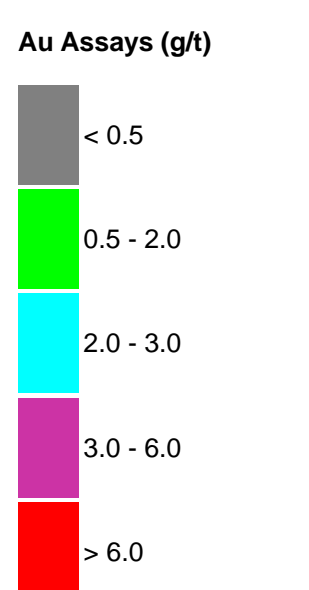
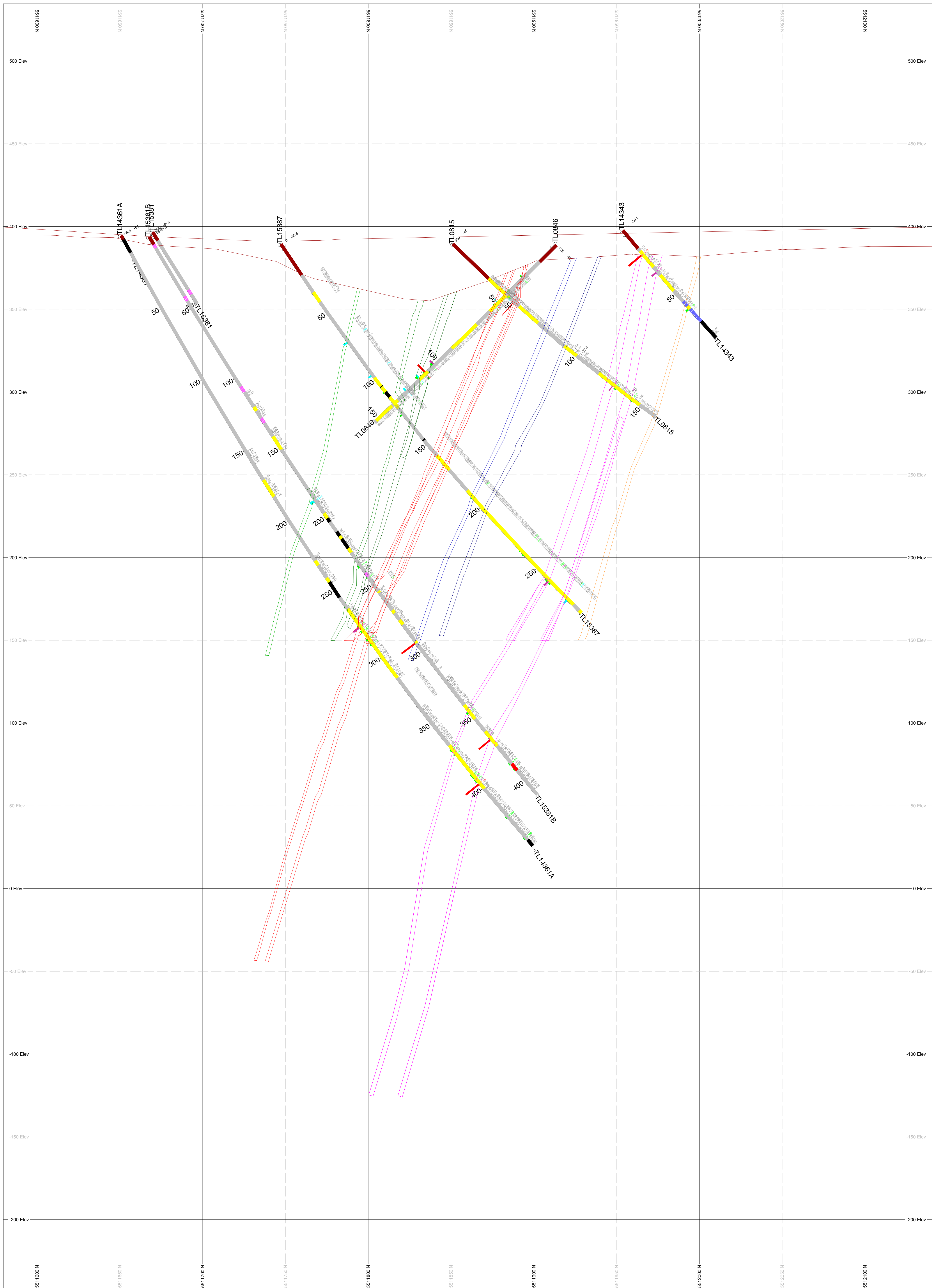
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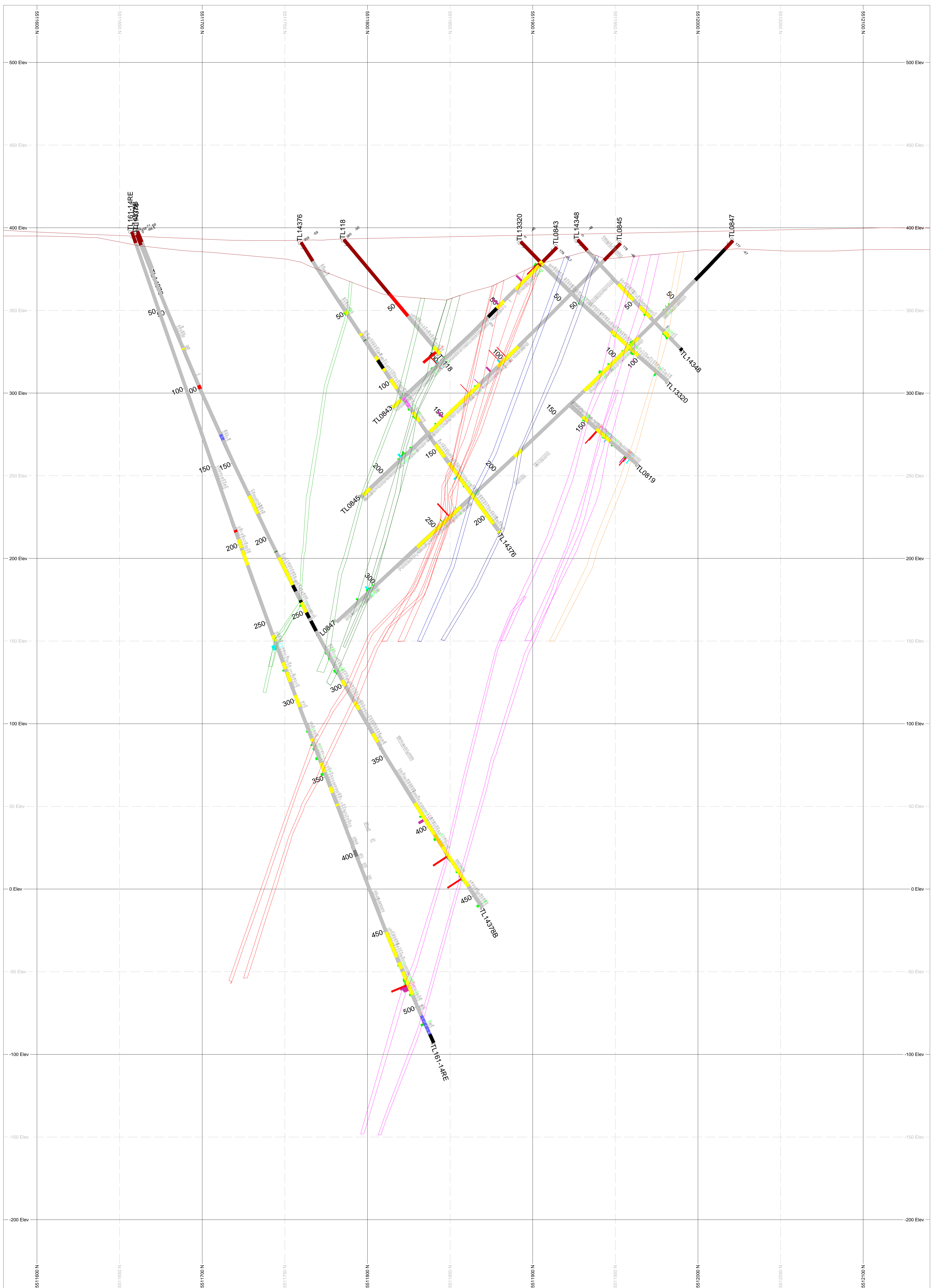
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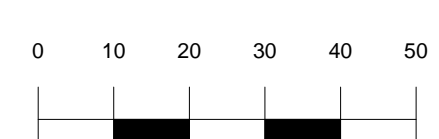
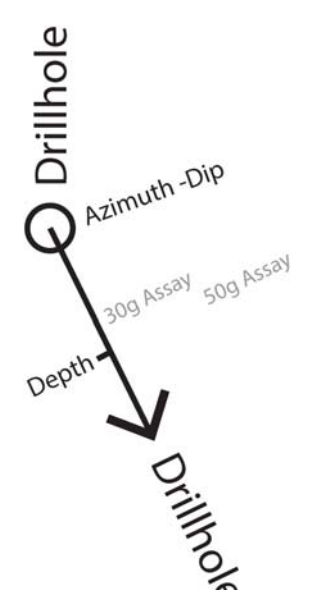
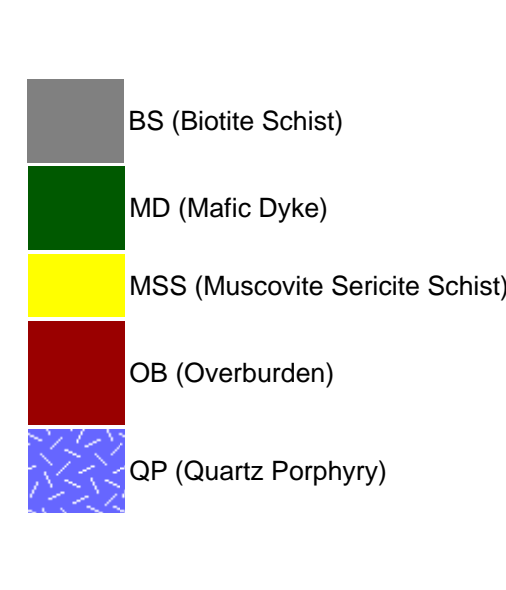
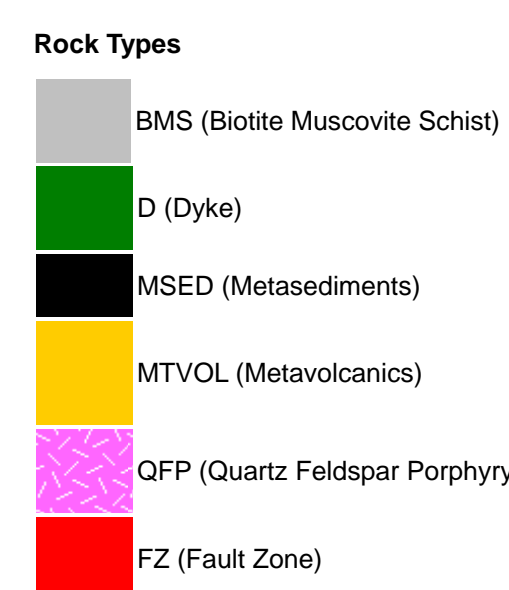
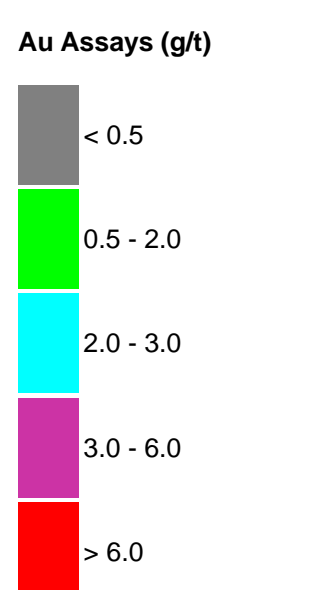
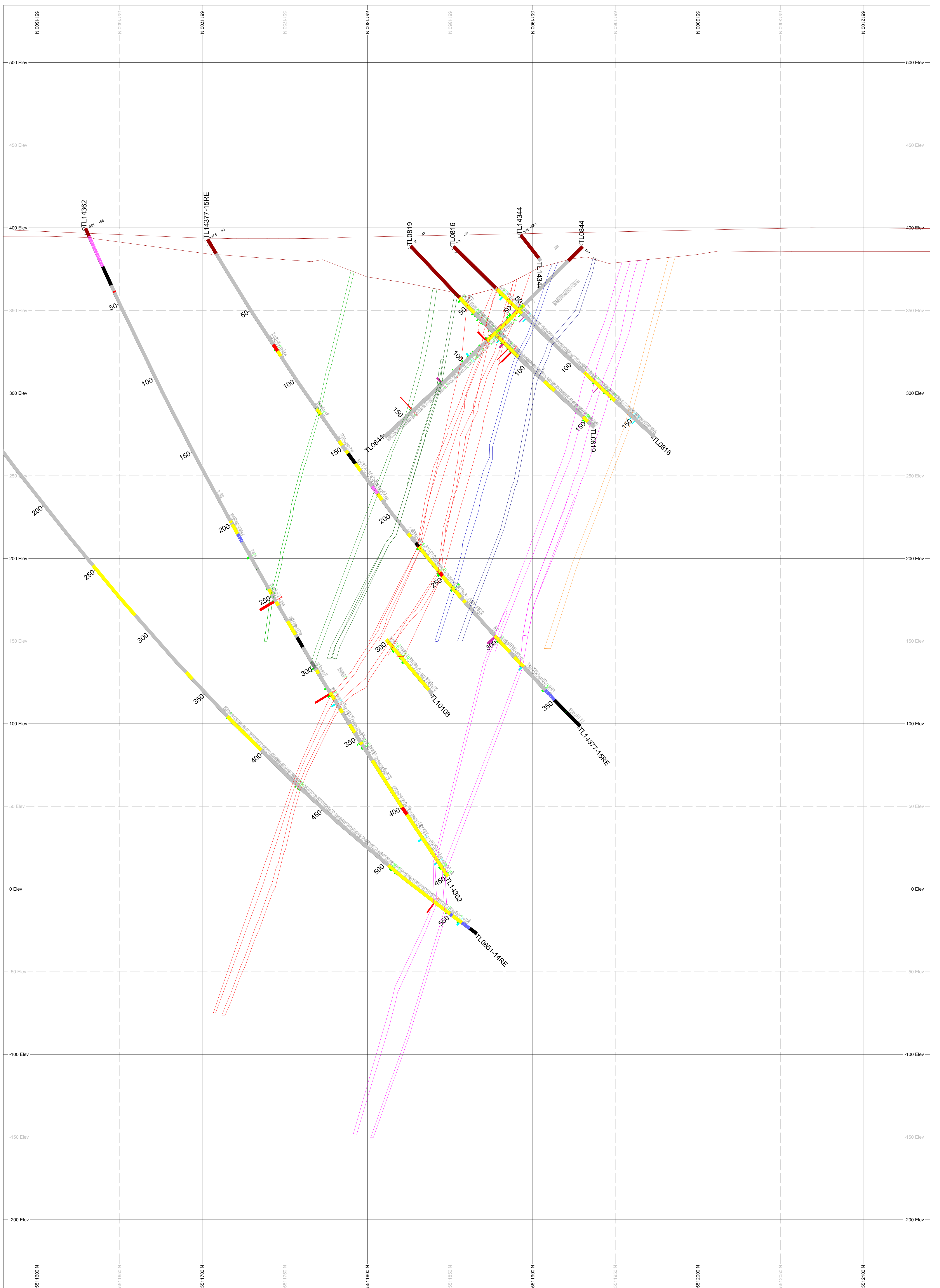



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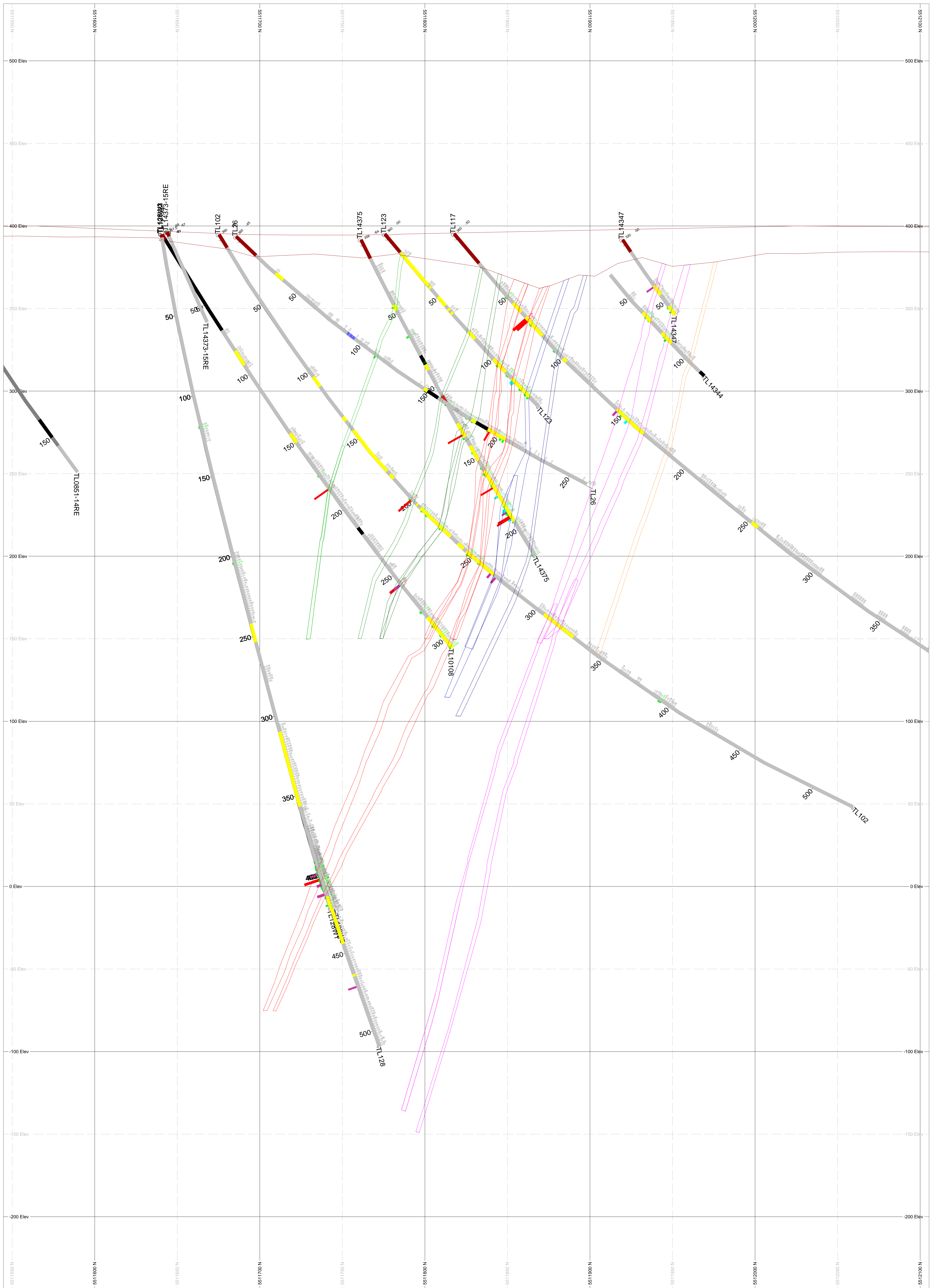
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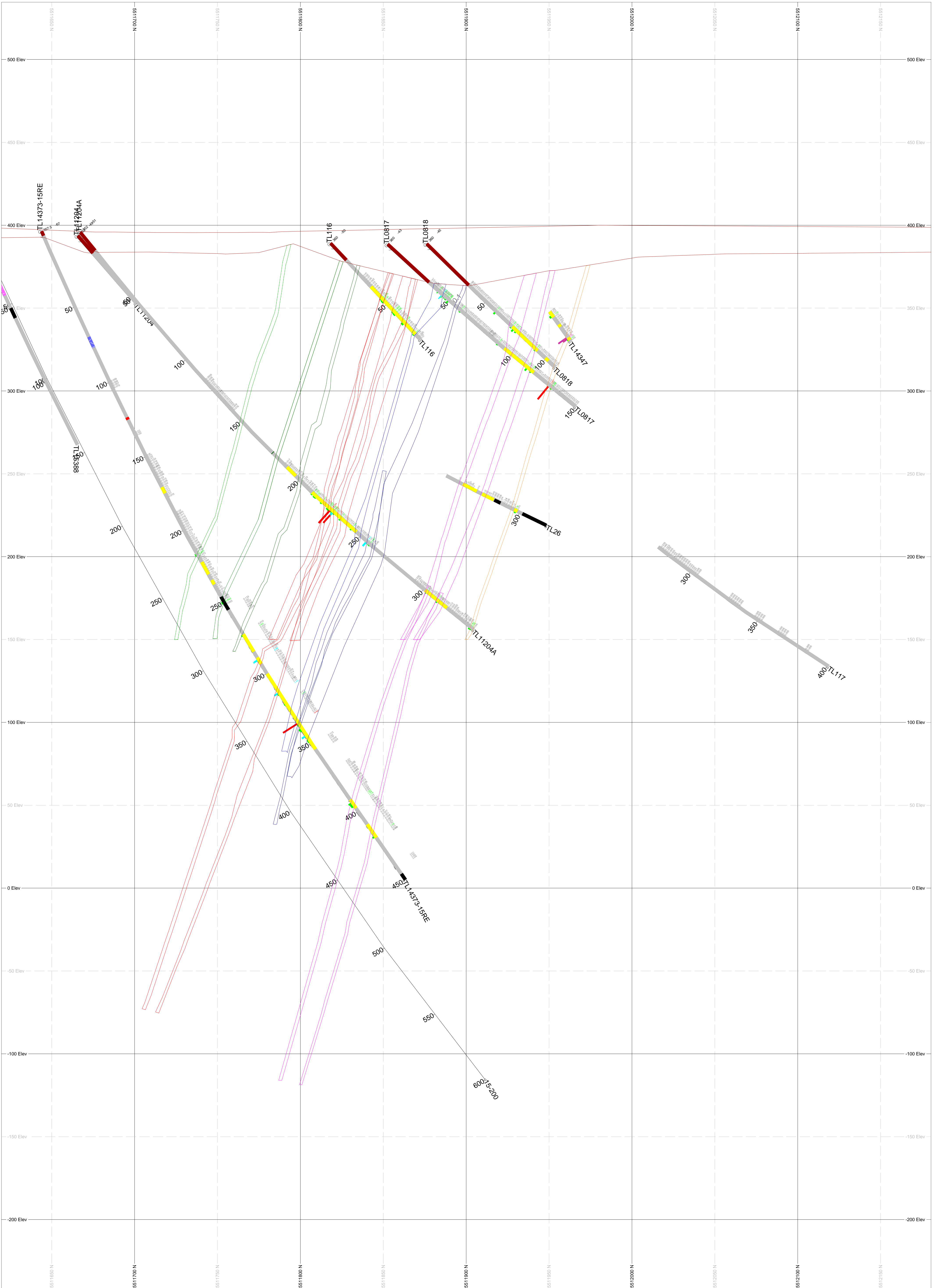
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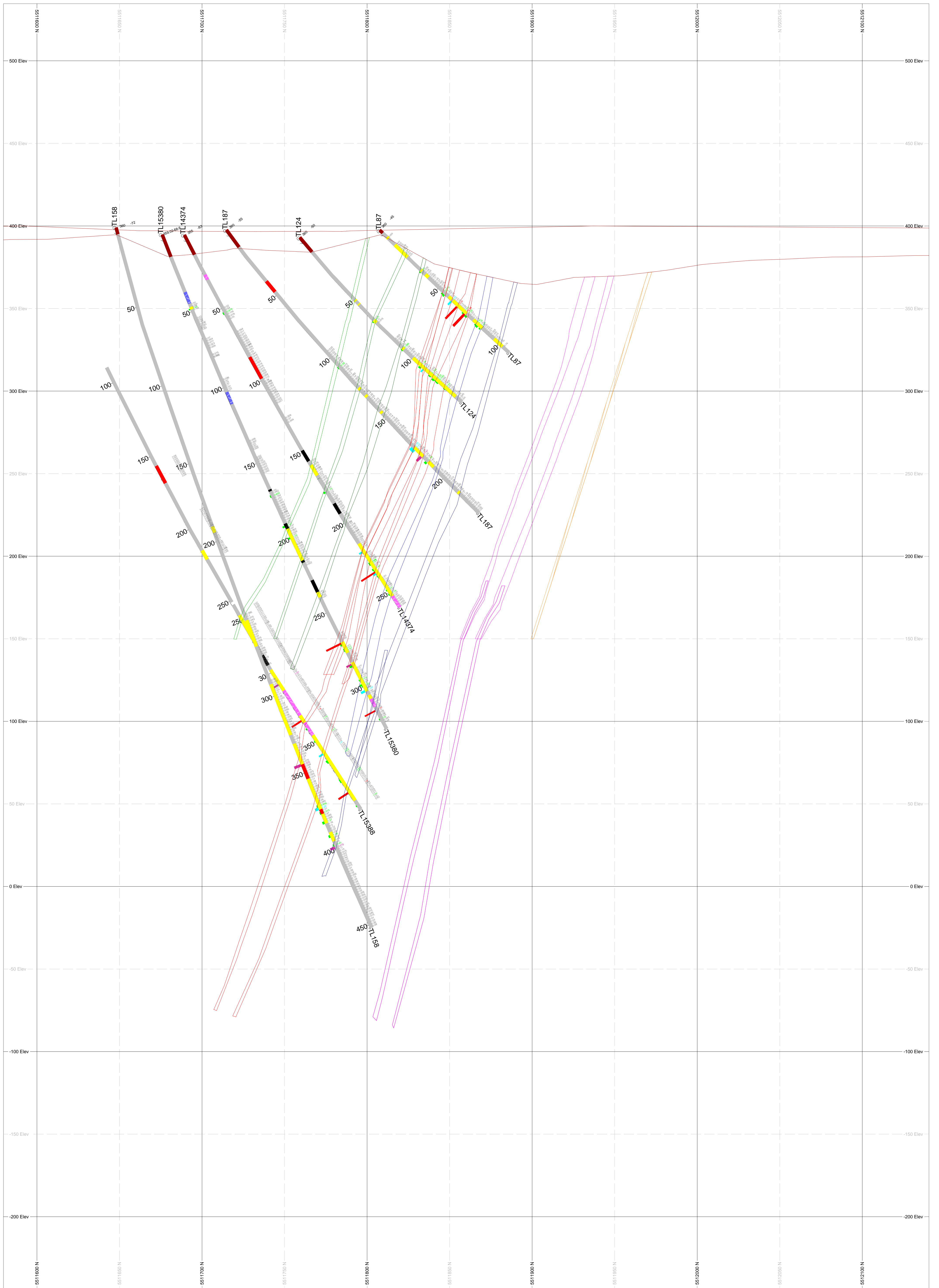
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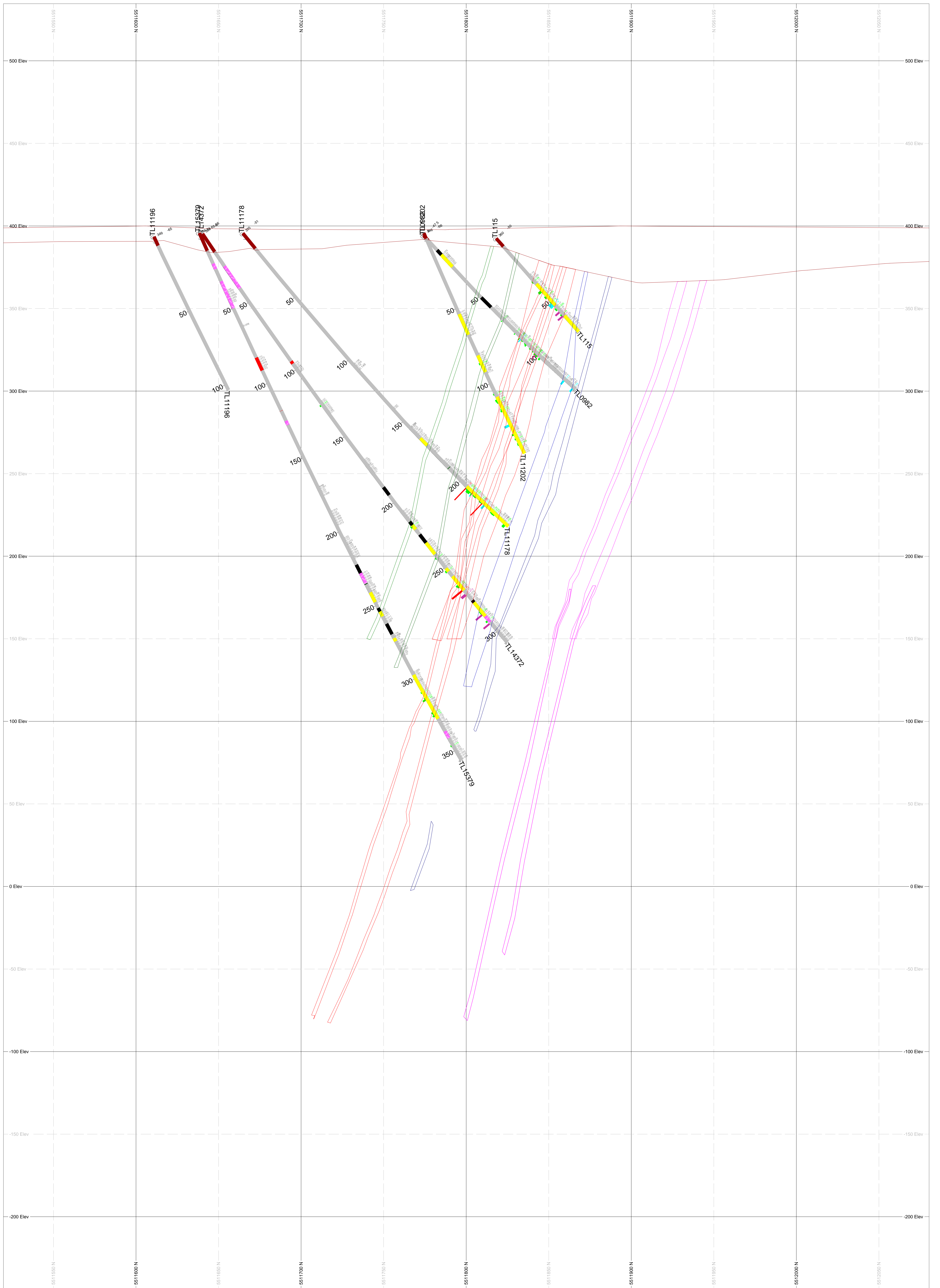
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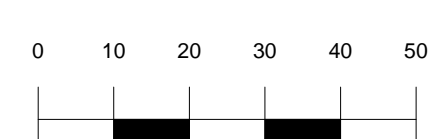
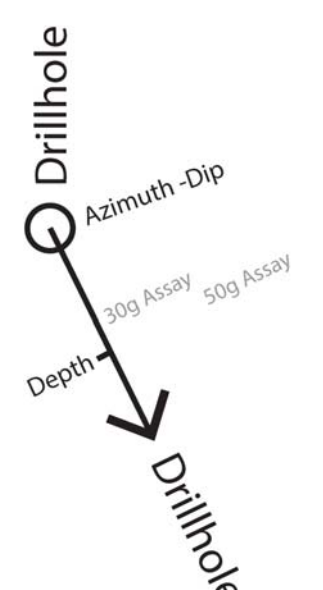
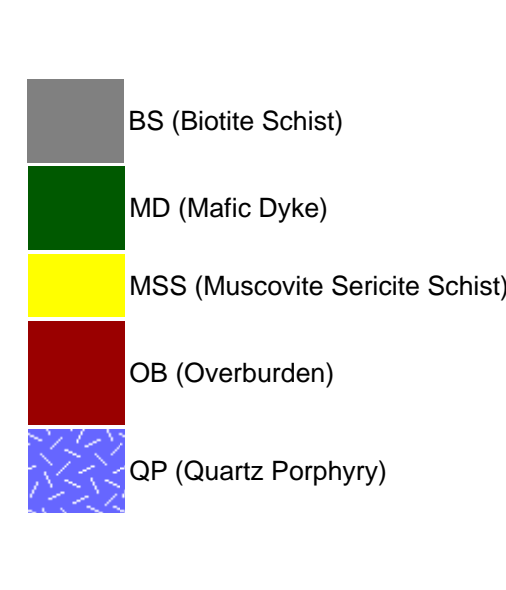
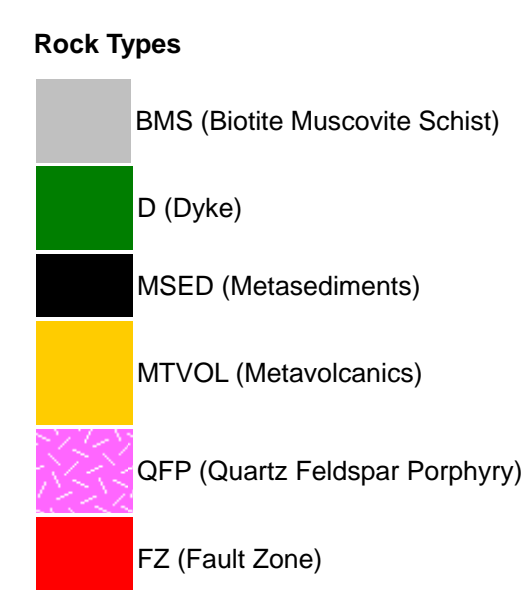
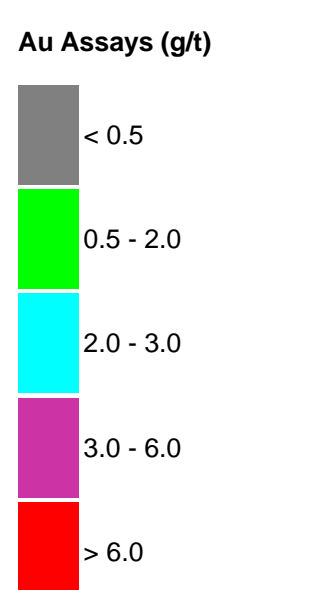
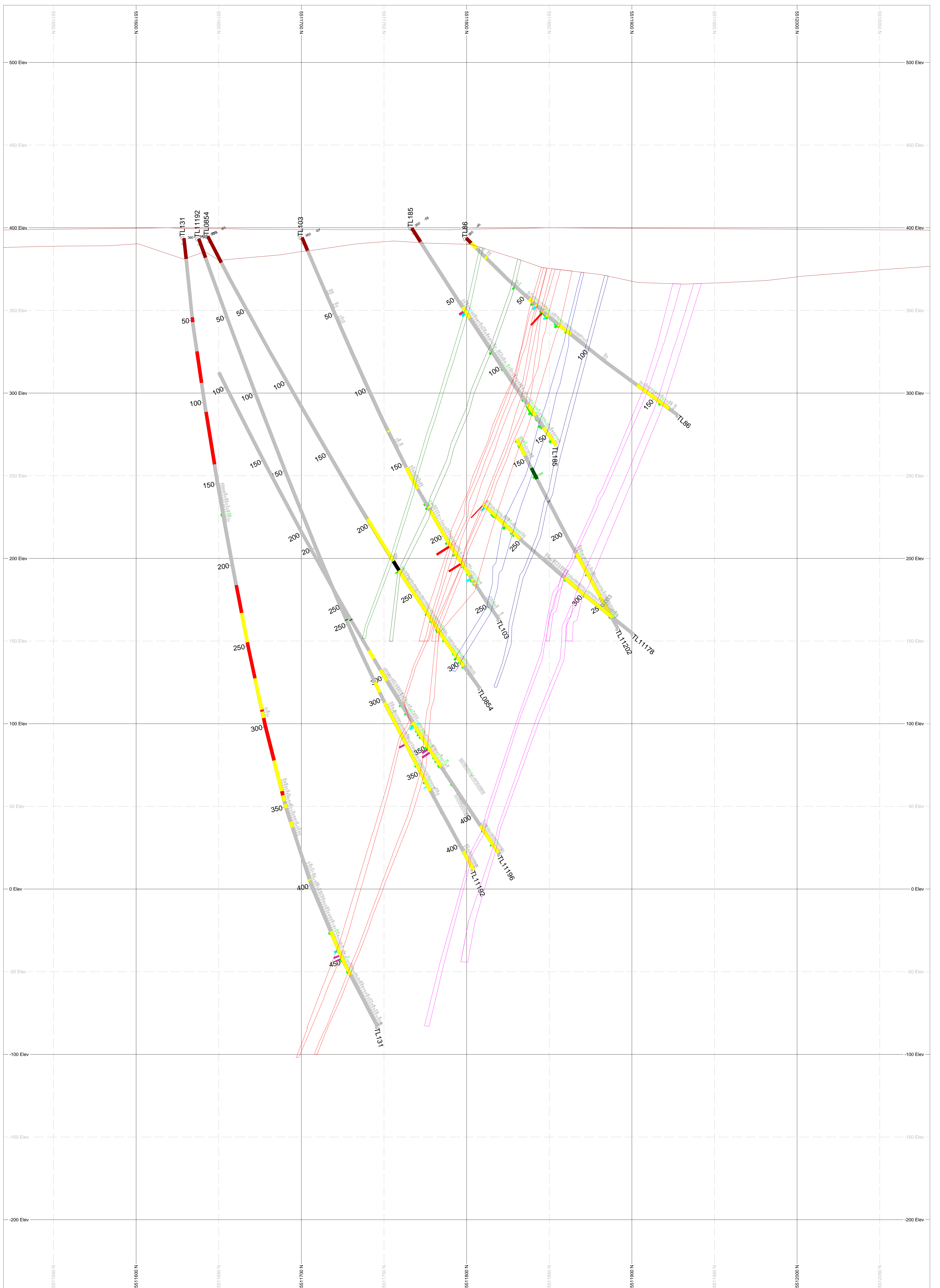
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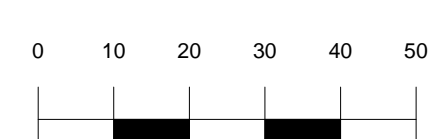
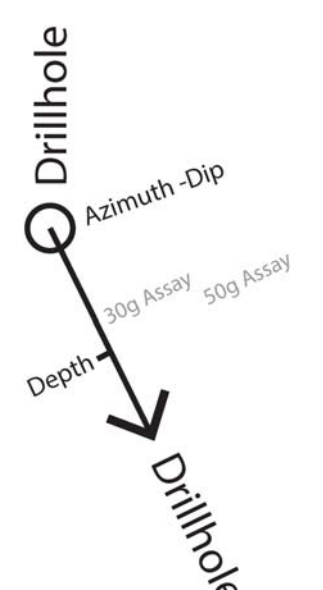
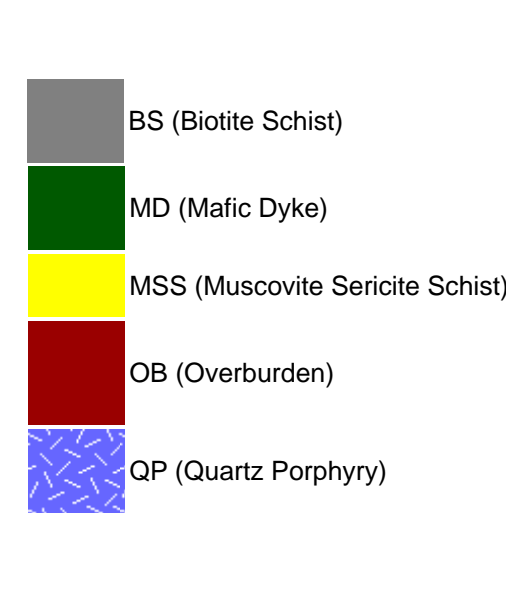
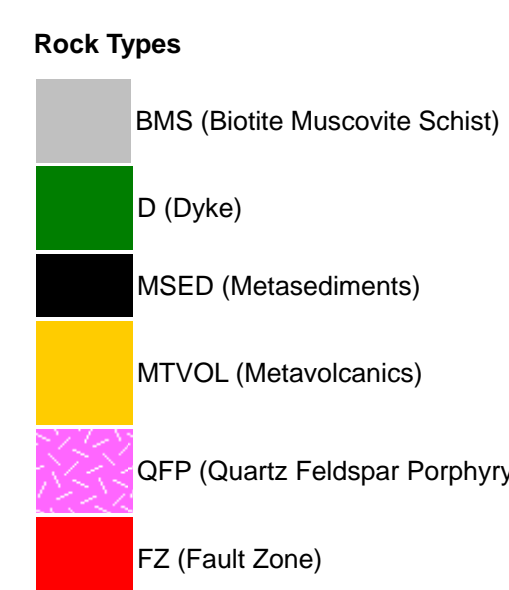
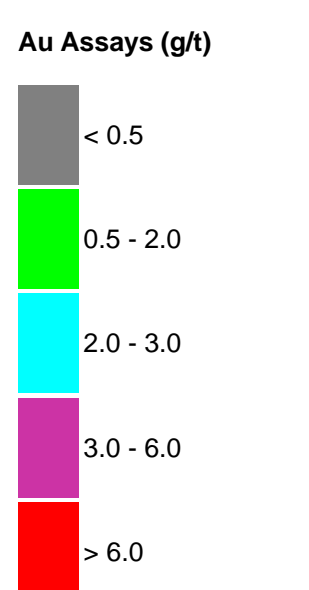
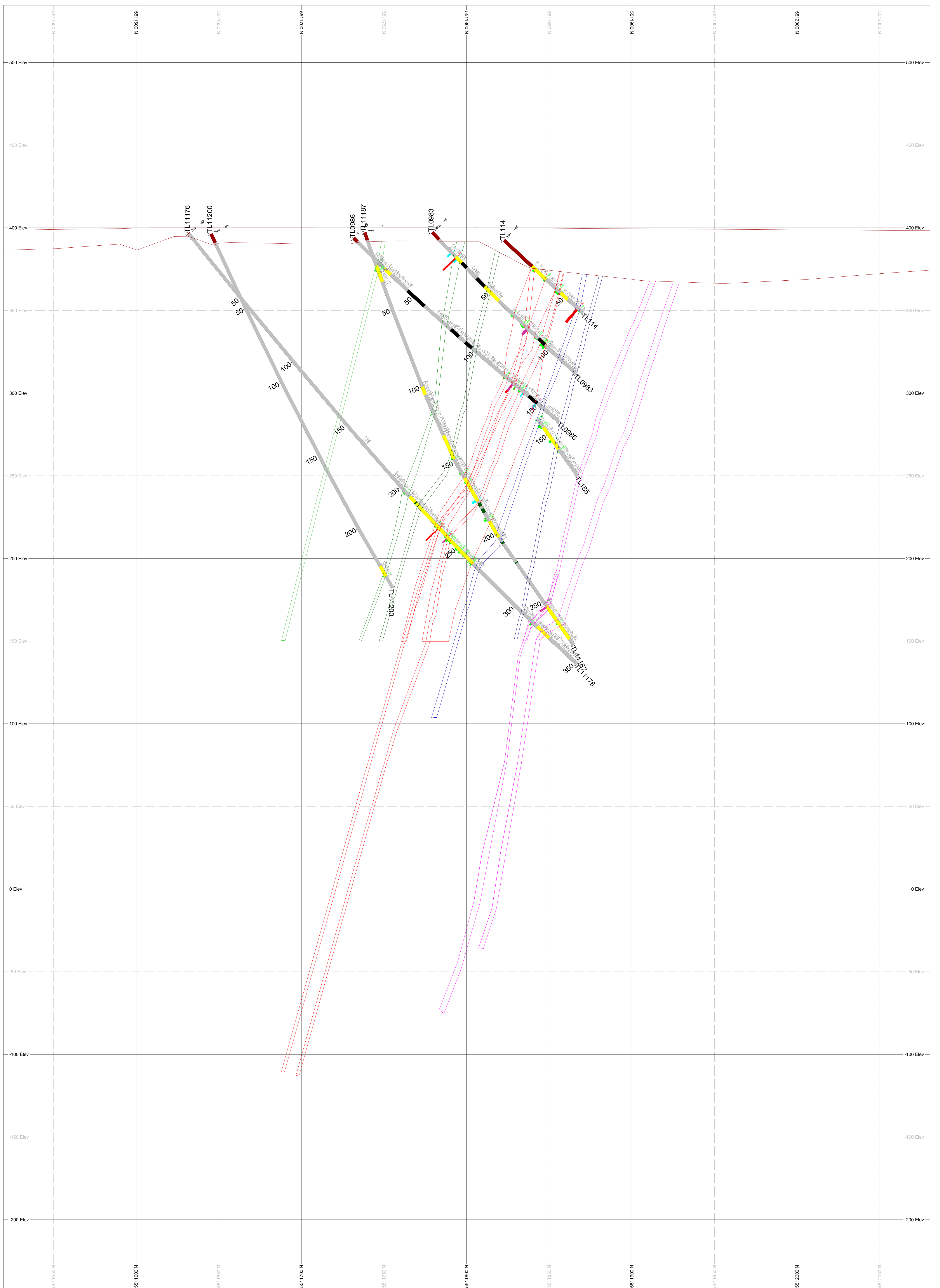



TREASURY METALS

INCORPORATED

Goliath Gold Project

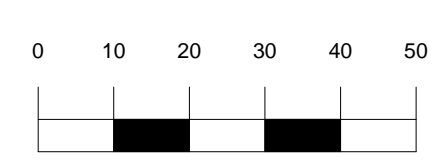
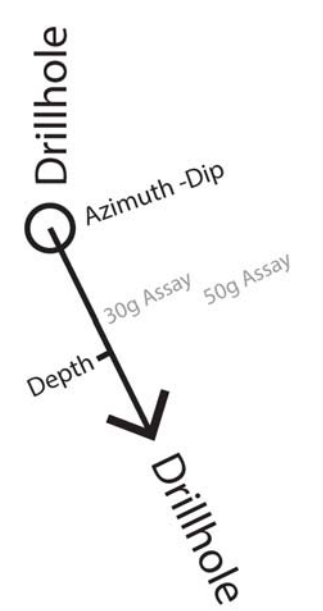
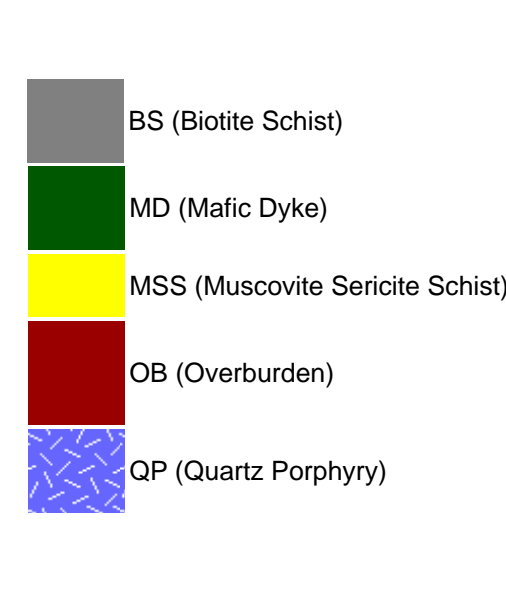
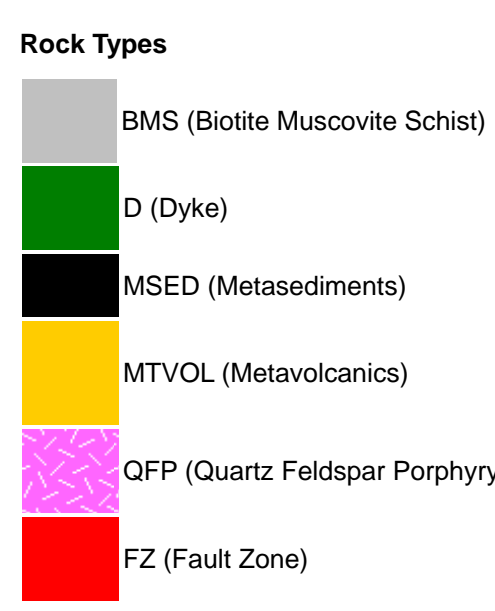
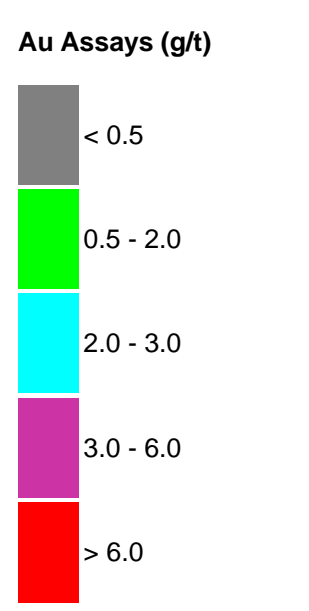
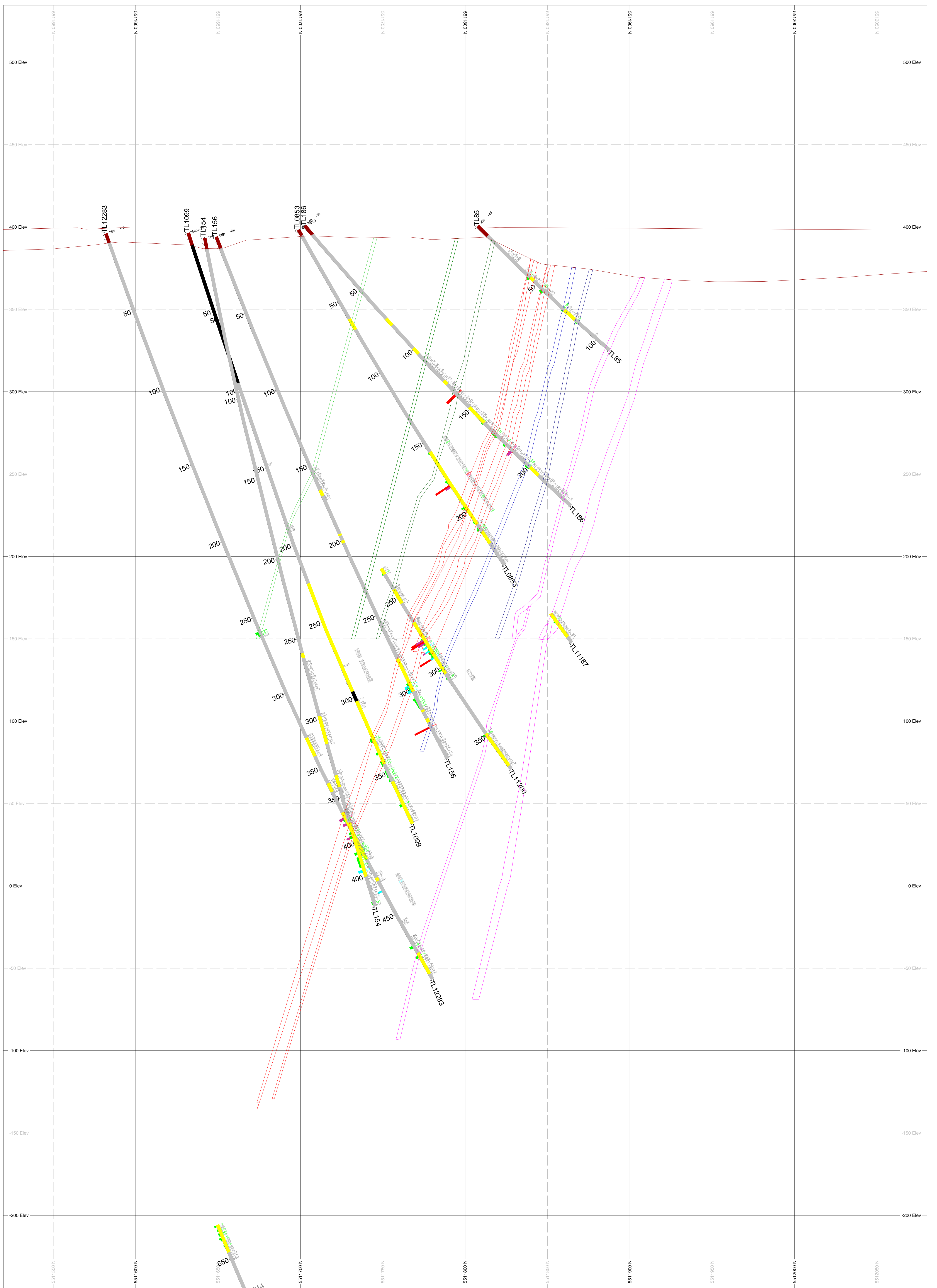
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TREASURY METALS
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Goliath Gold Project	
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Date: December 01, 2015	Office: Dryden, ON

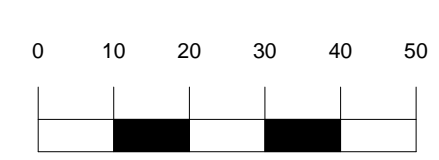
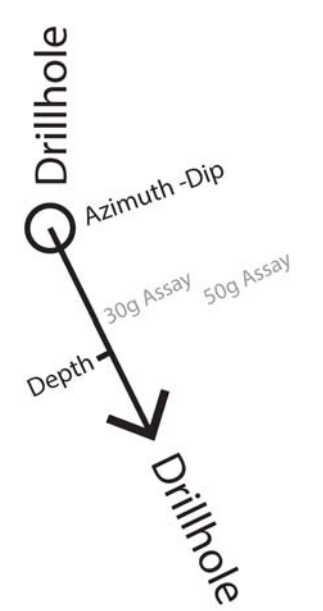
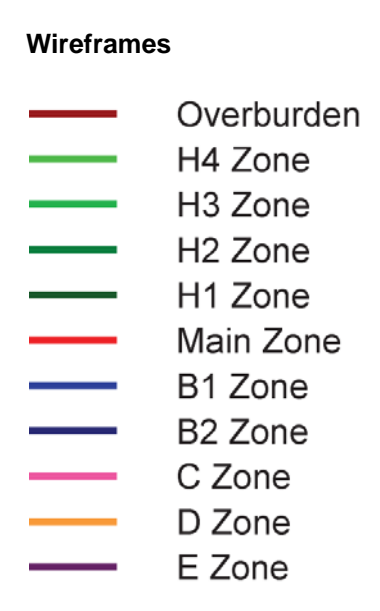
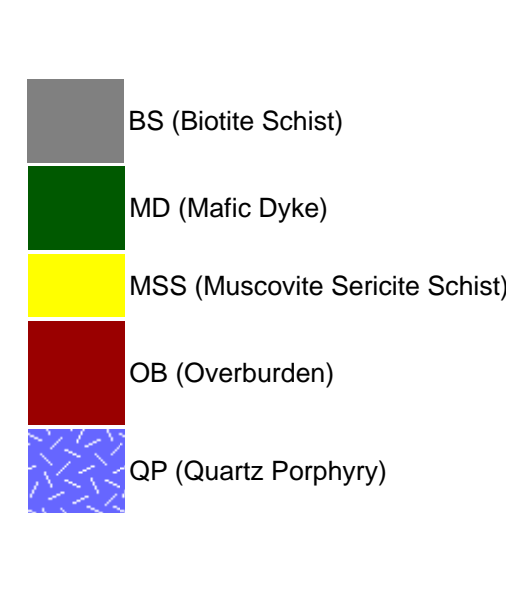
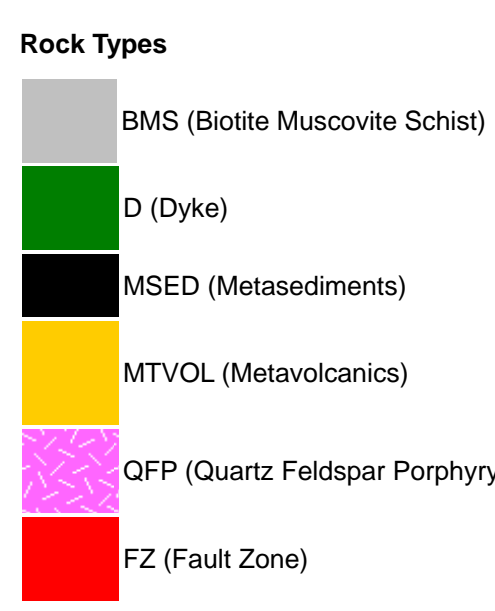
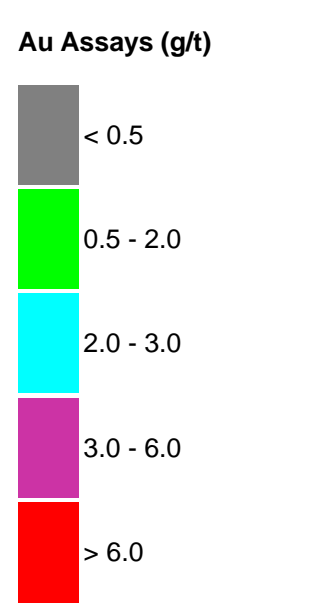
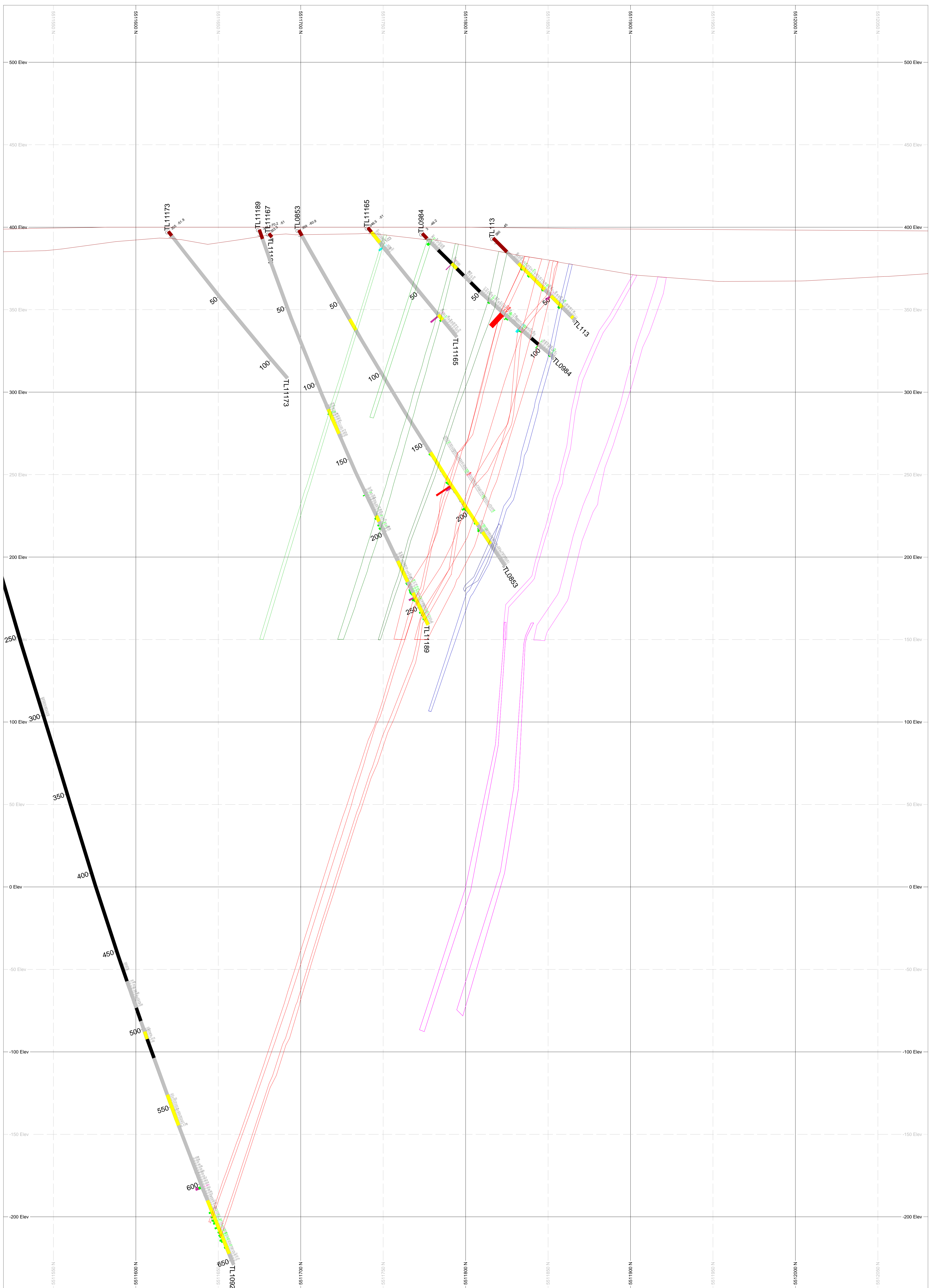



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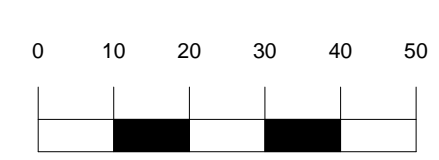
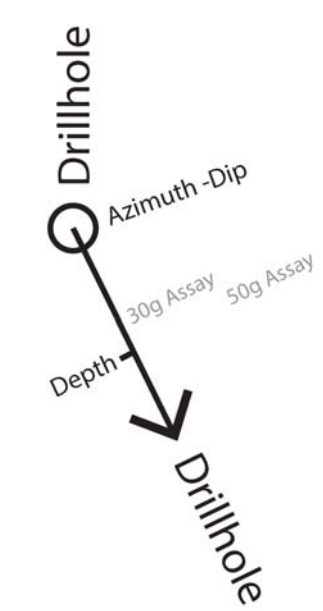
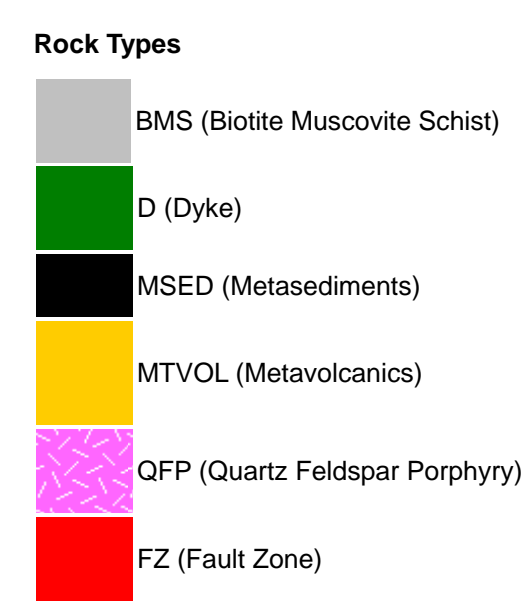
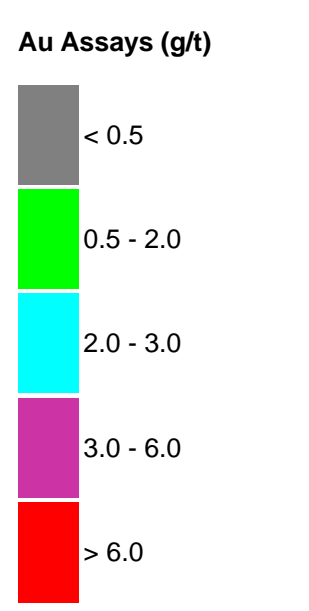
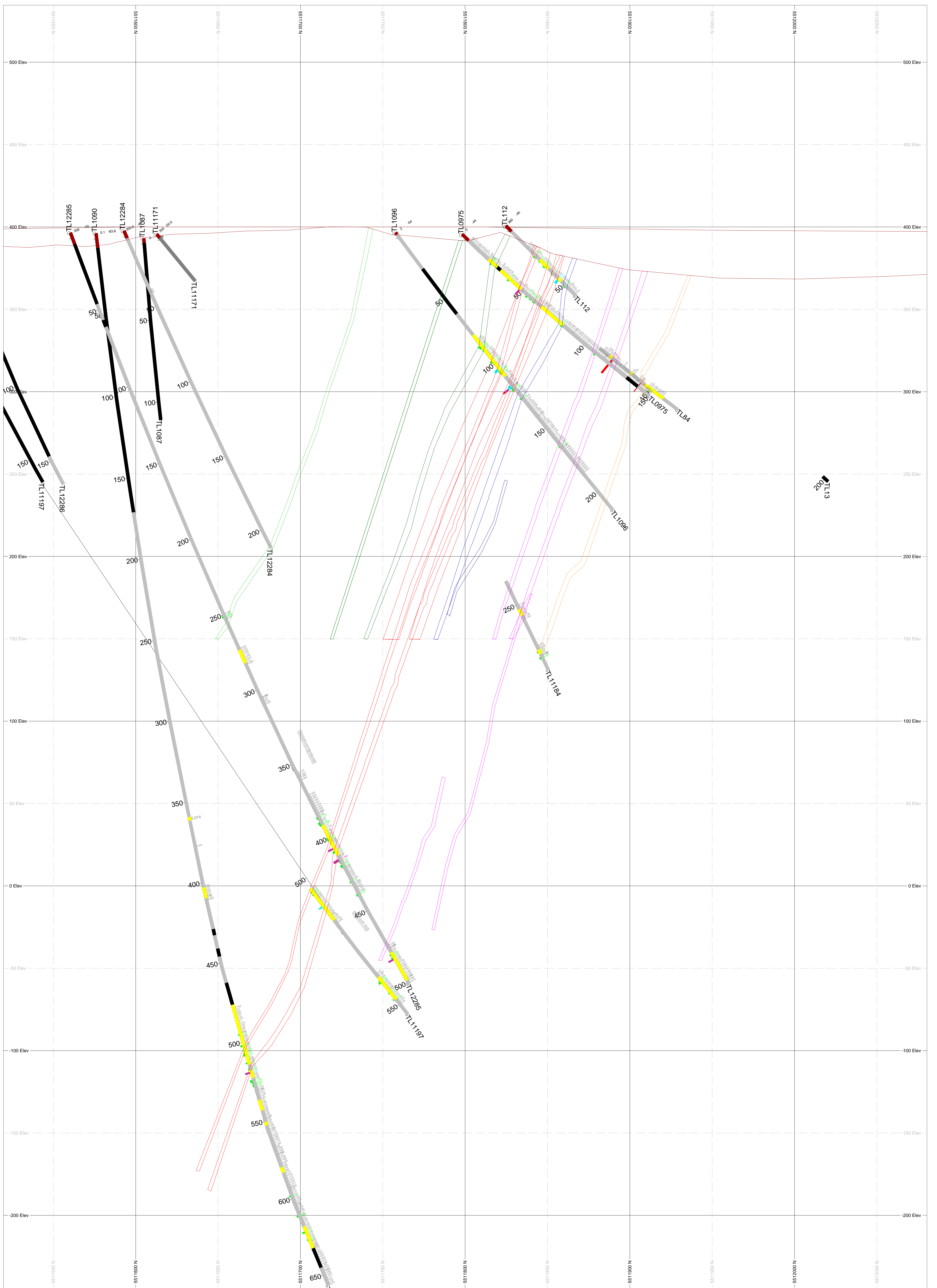
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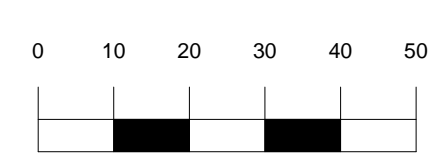
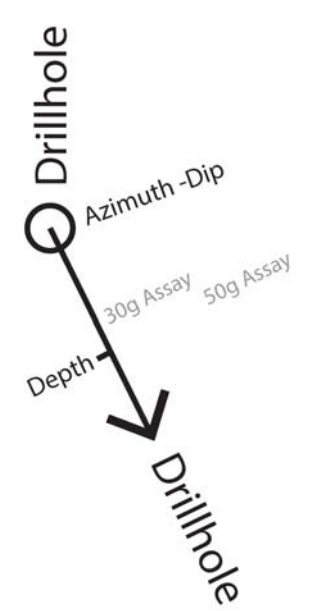
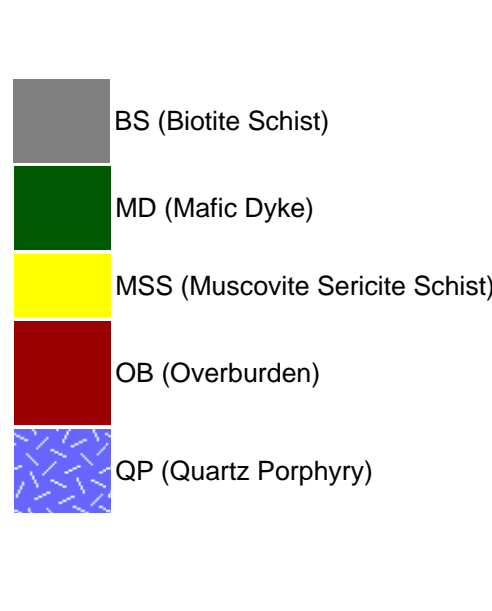
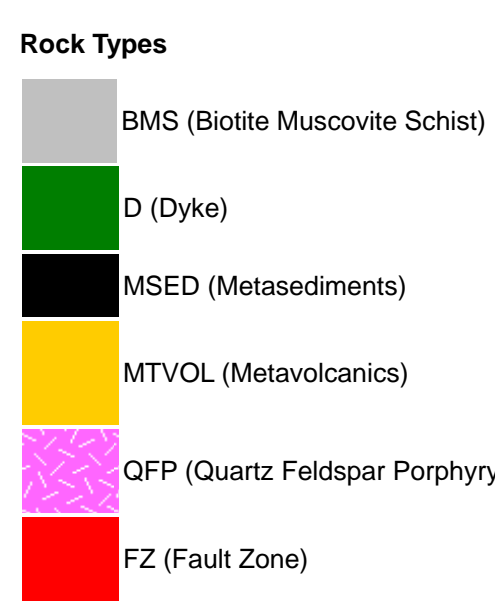
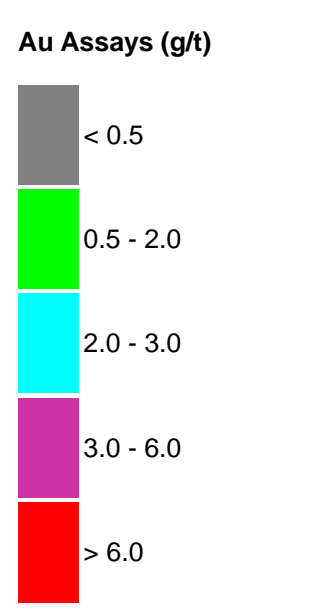
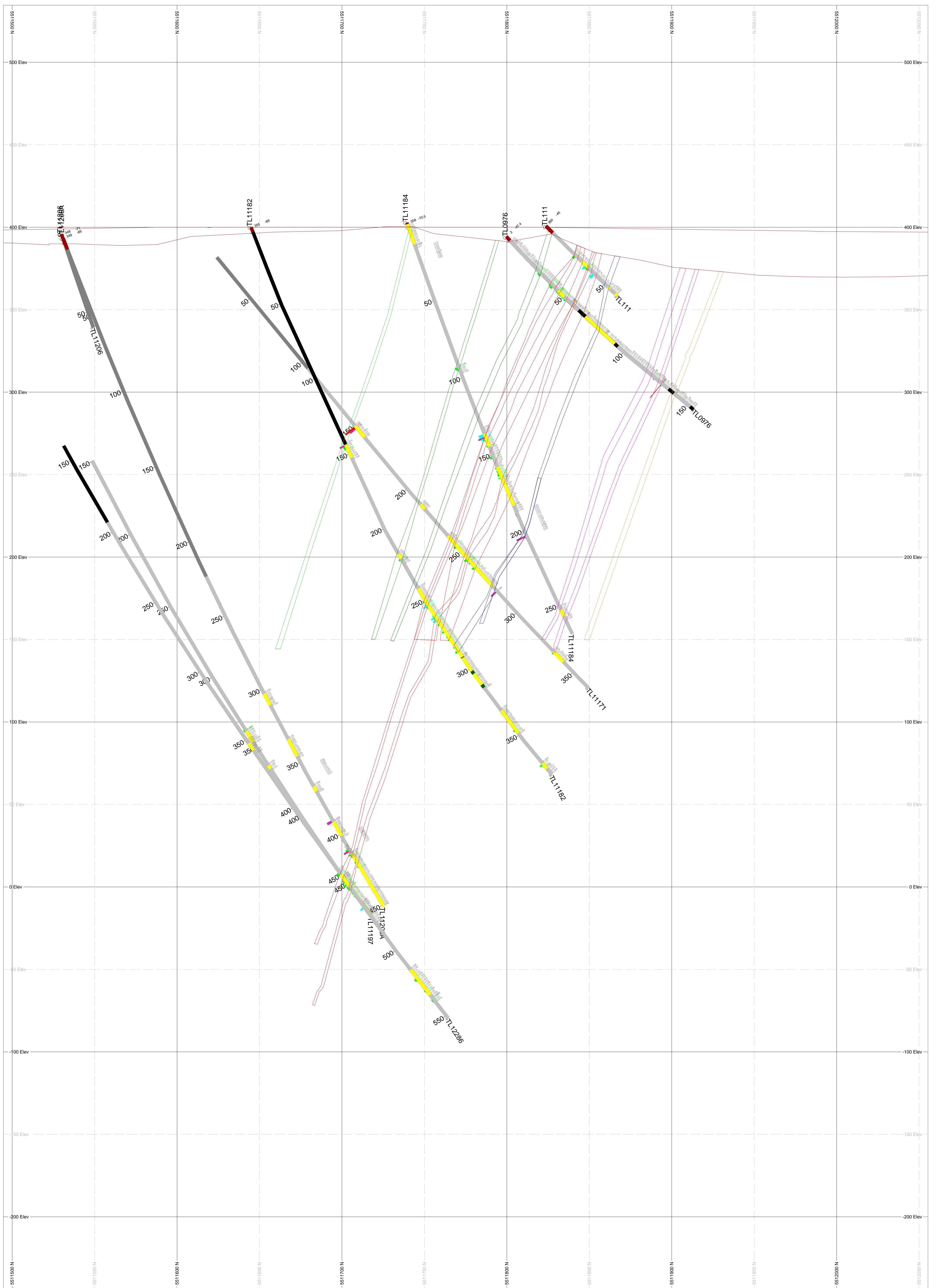
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Date: December 01, 2015	Office: Dryden, ON





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Date: December 01, 2015	Office: Dryden, ON

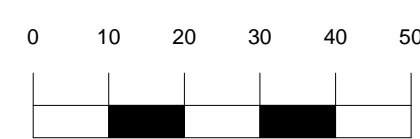
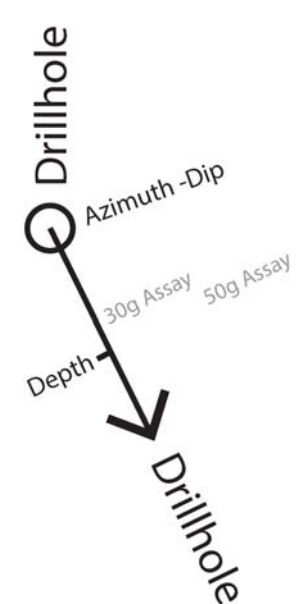
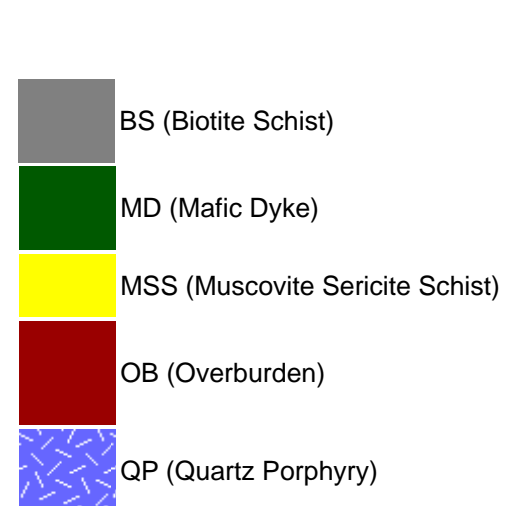
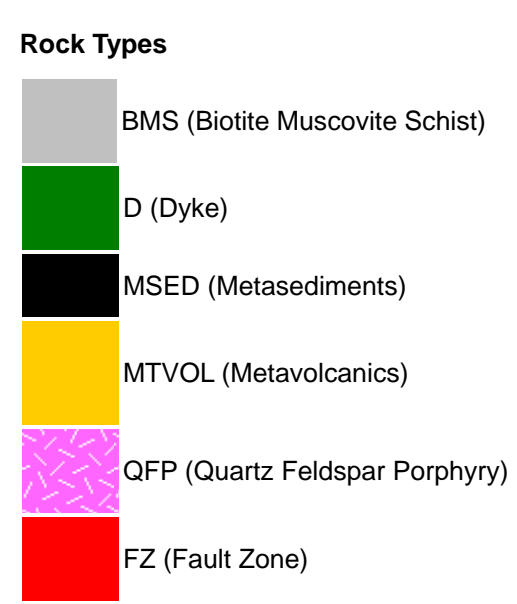
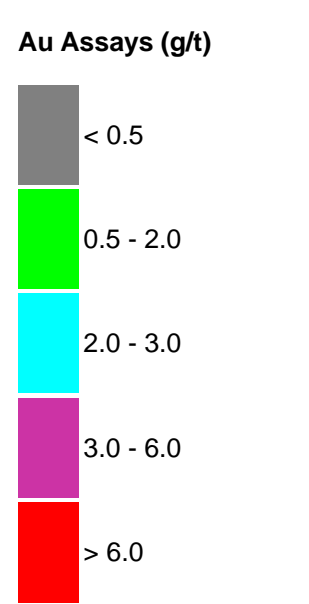
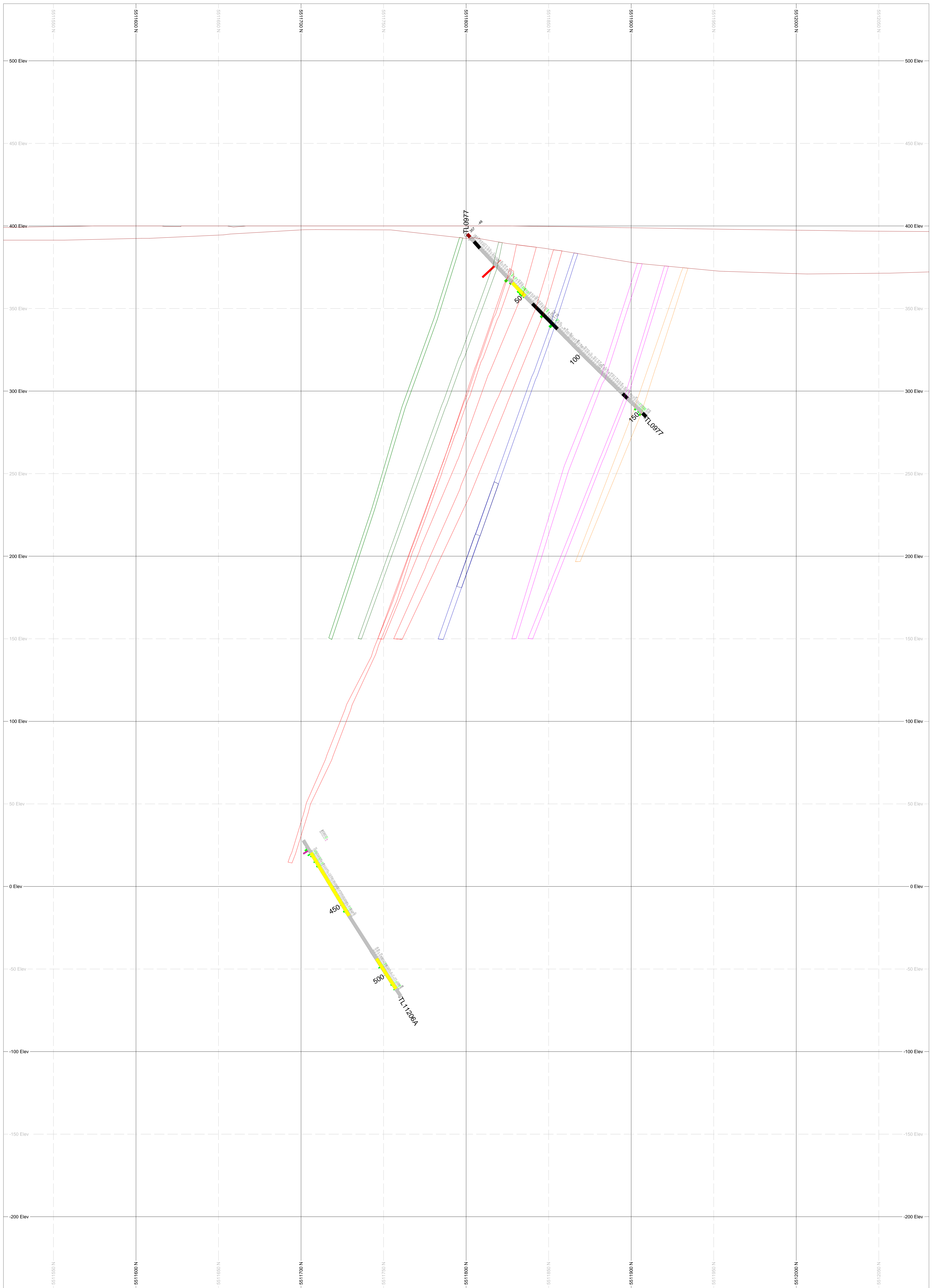


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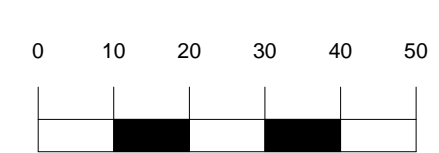
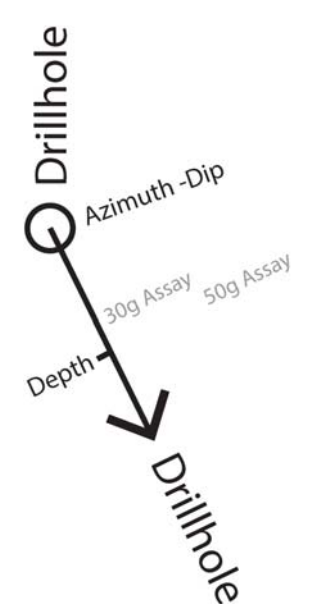
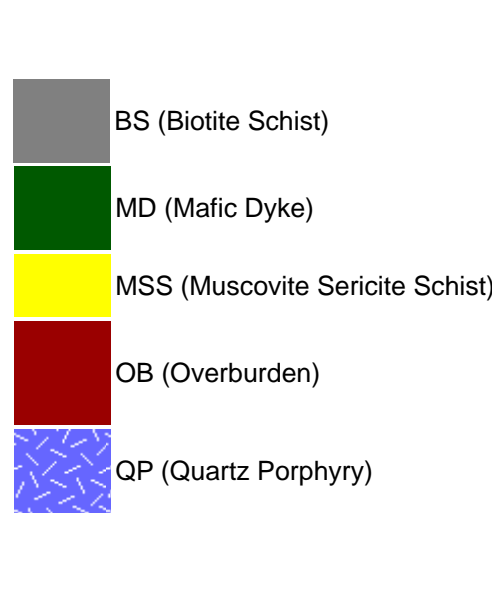
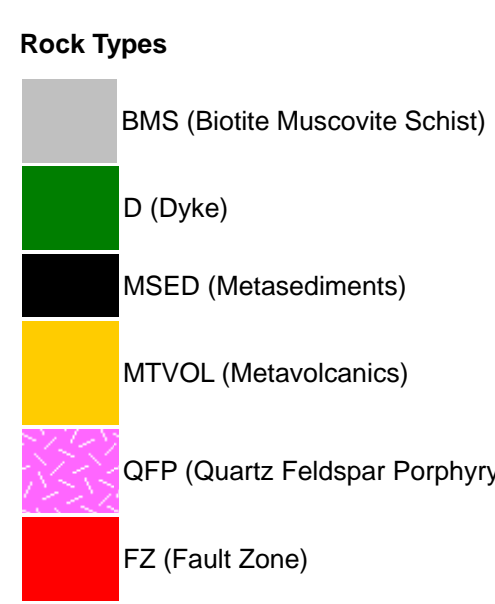
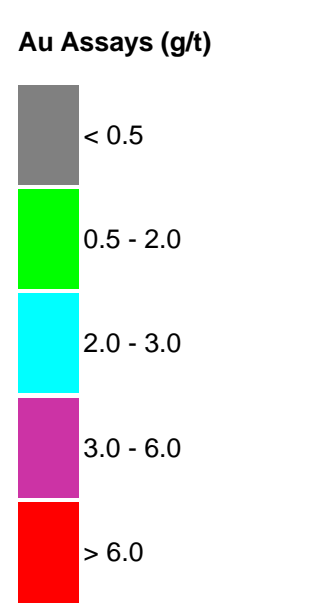
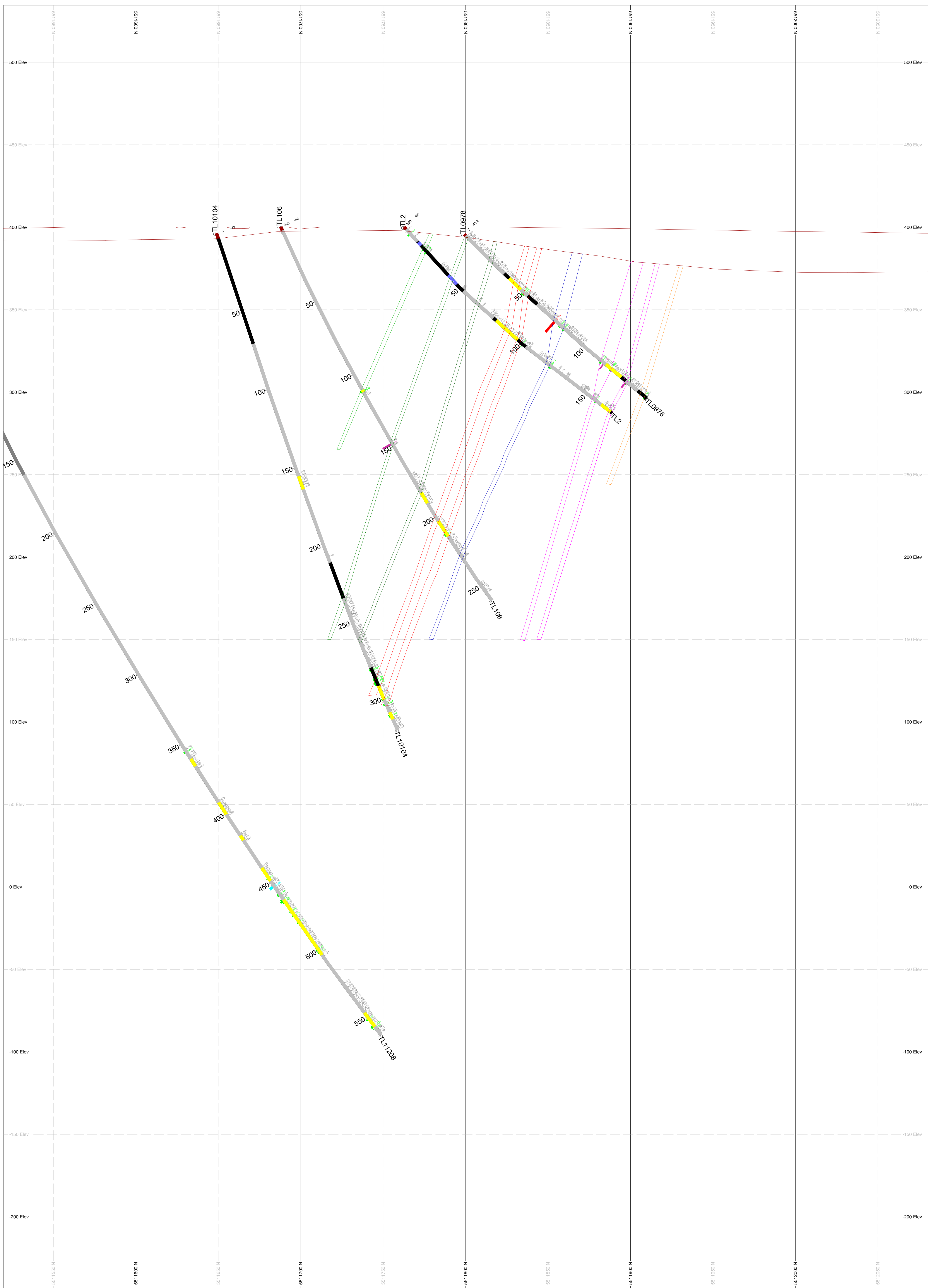
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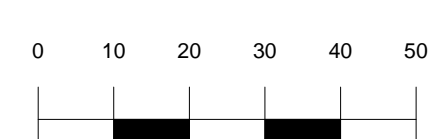
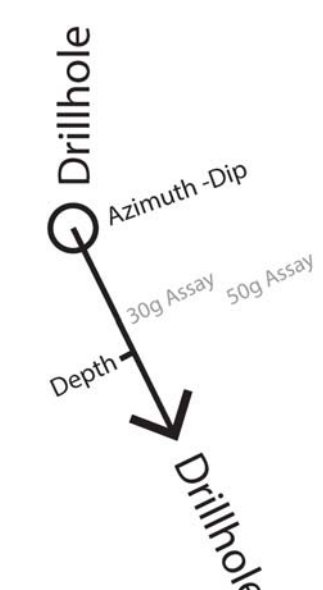
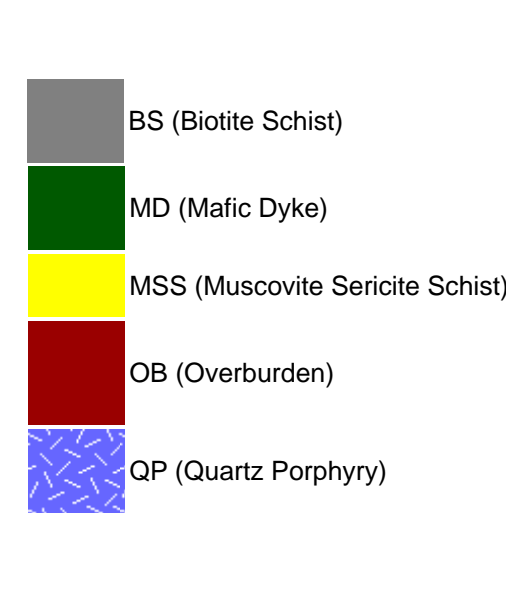
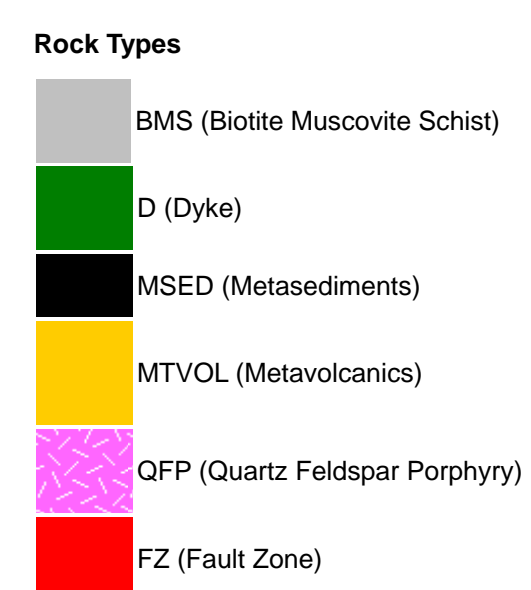
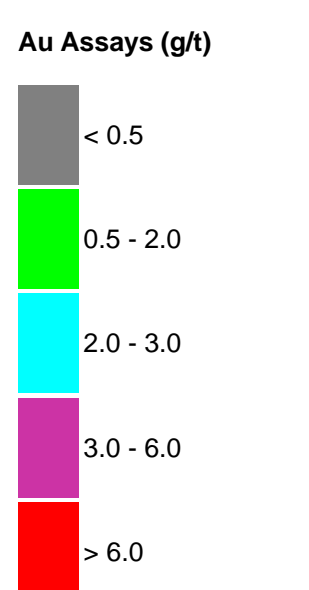
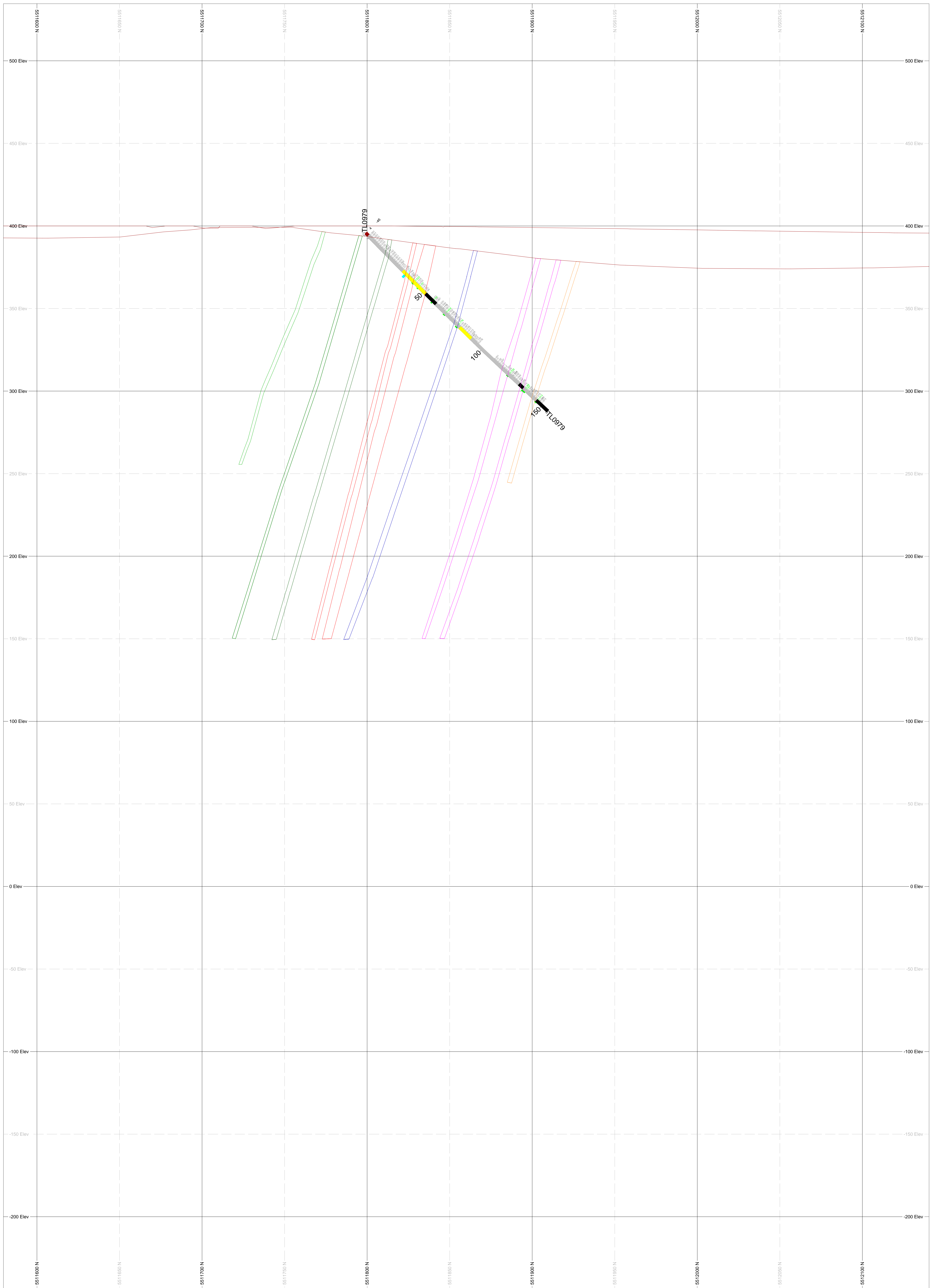
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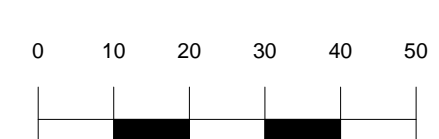
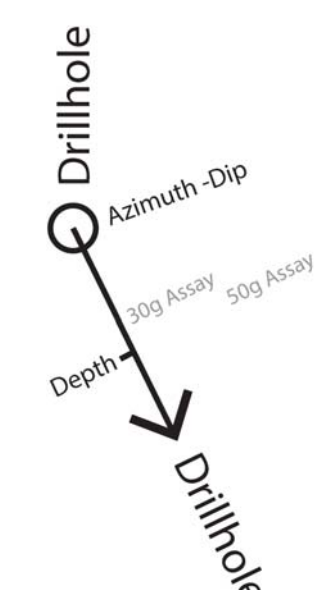
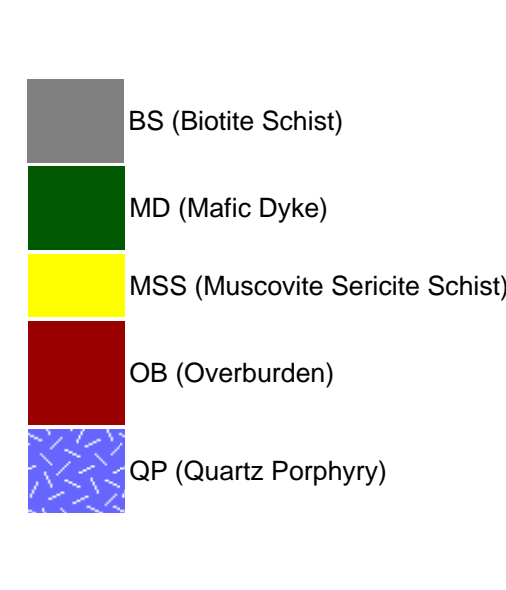
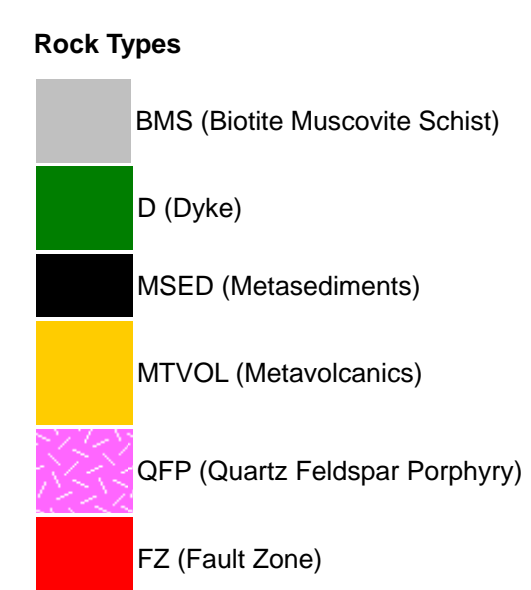
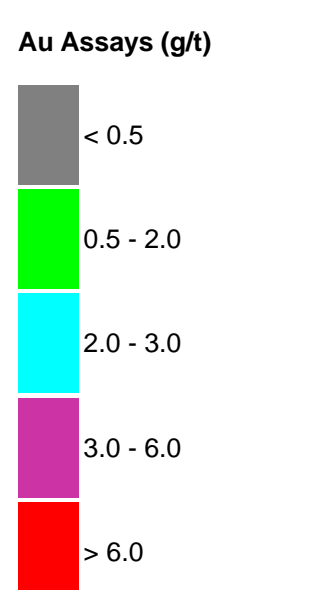
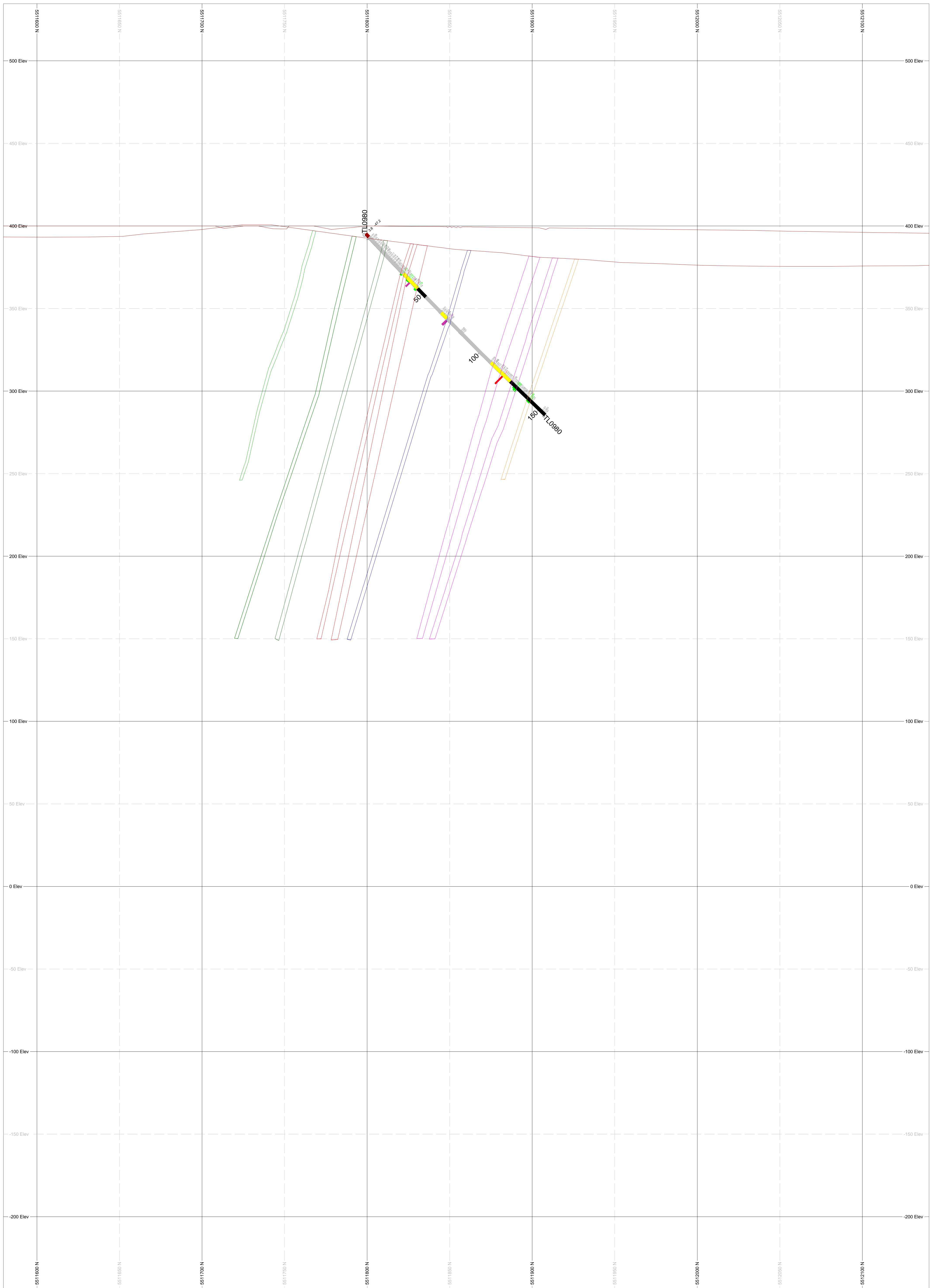
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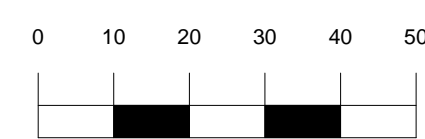
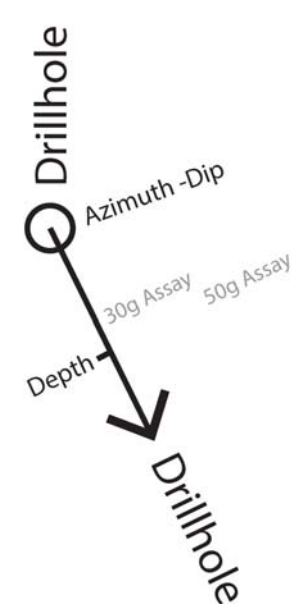
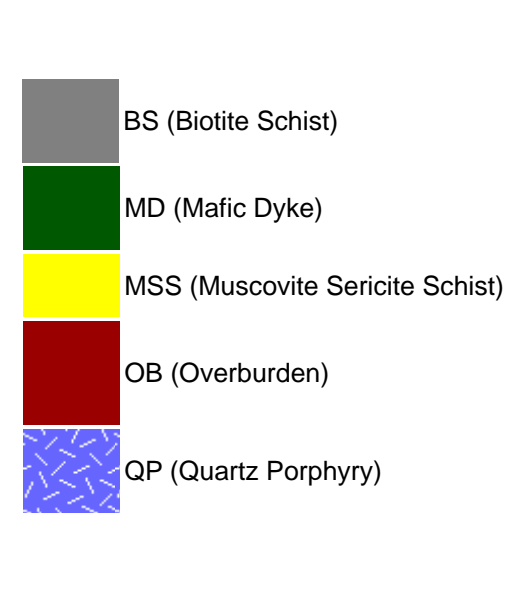
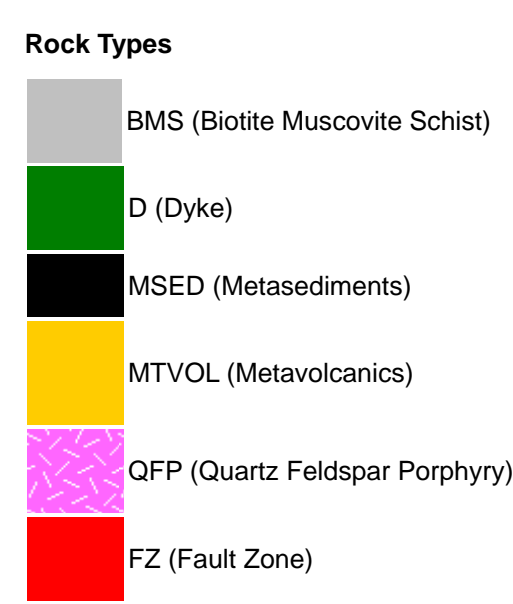
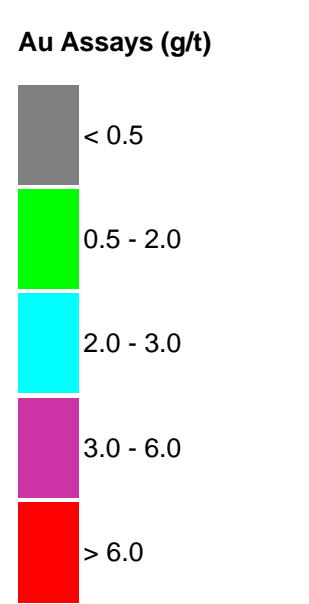
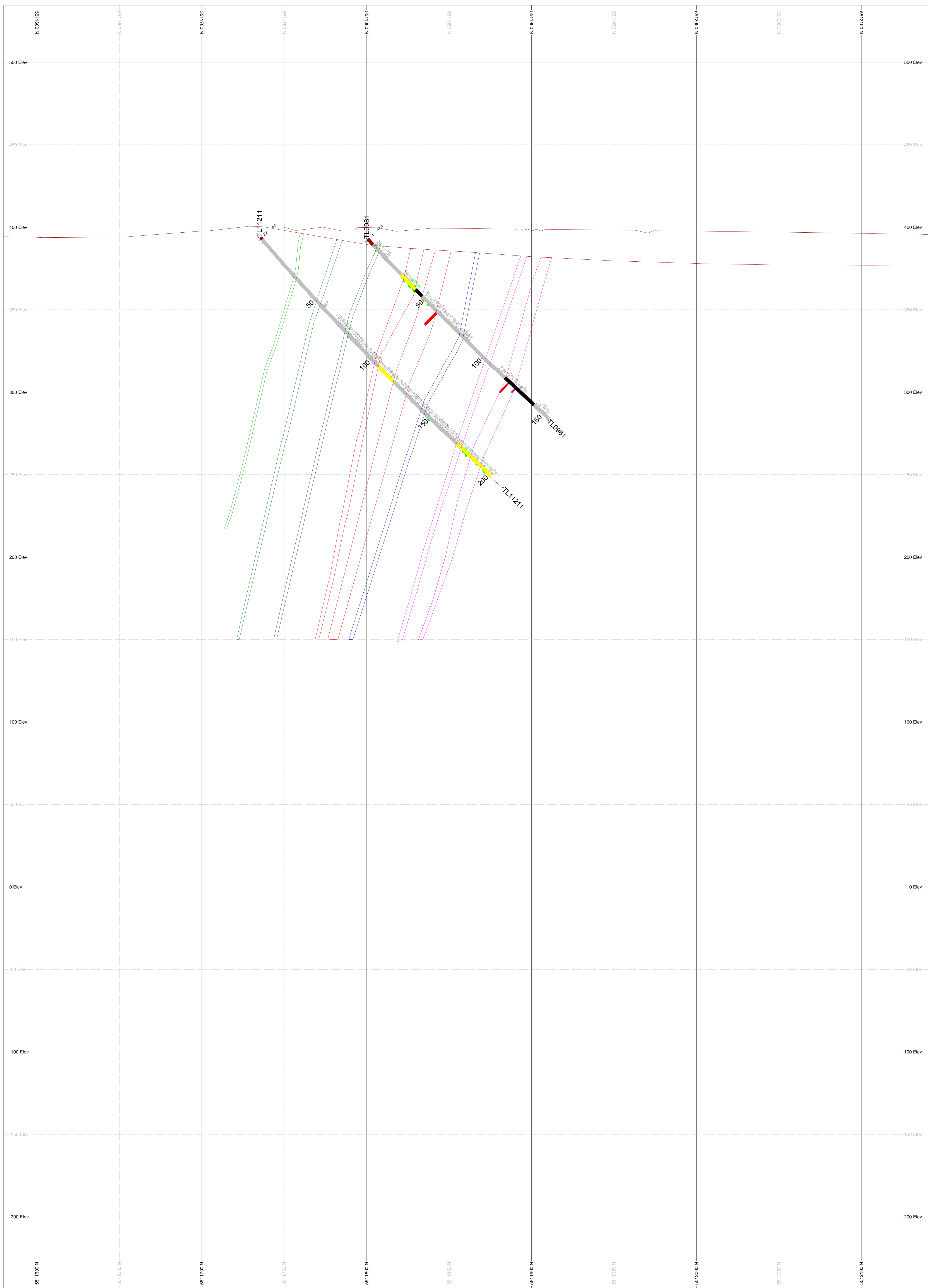
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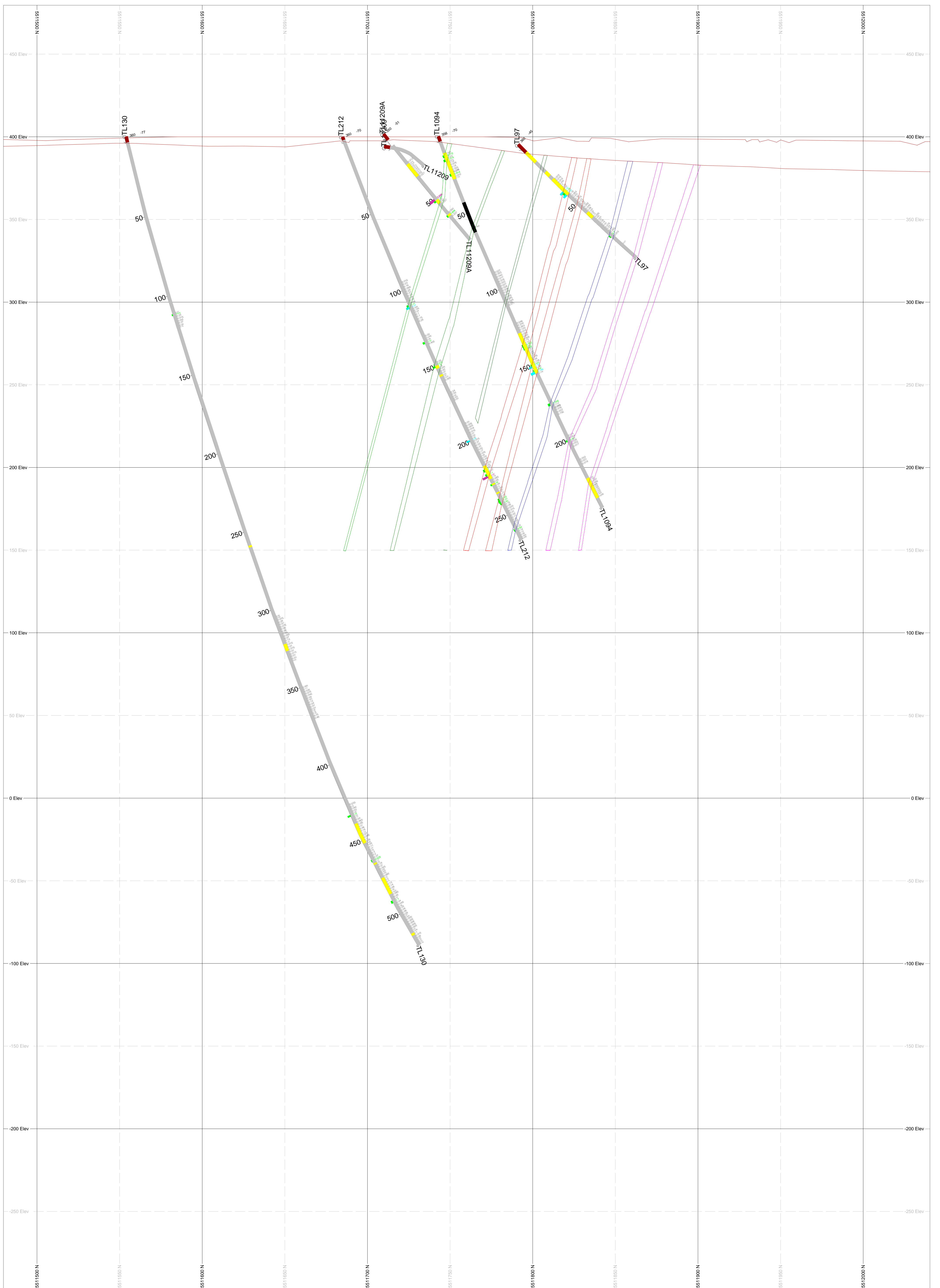
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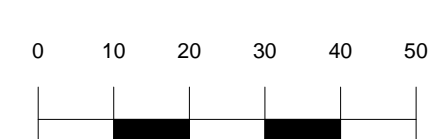
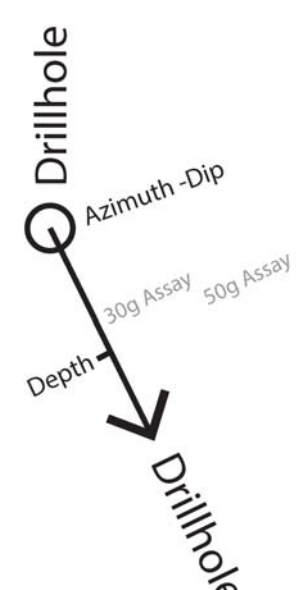
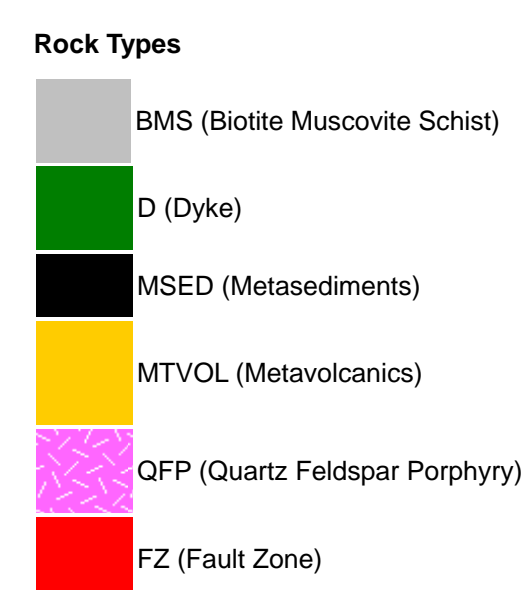
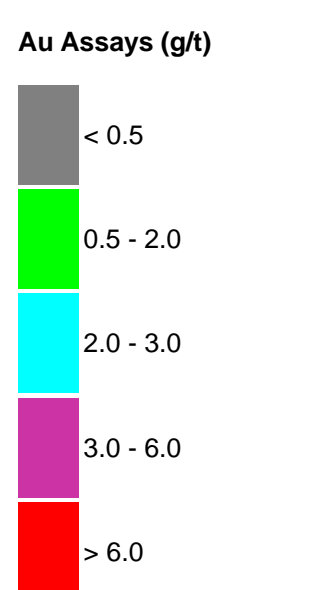
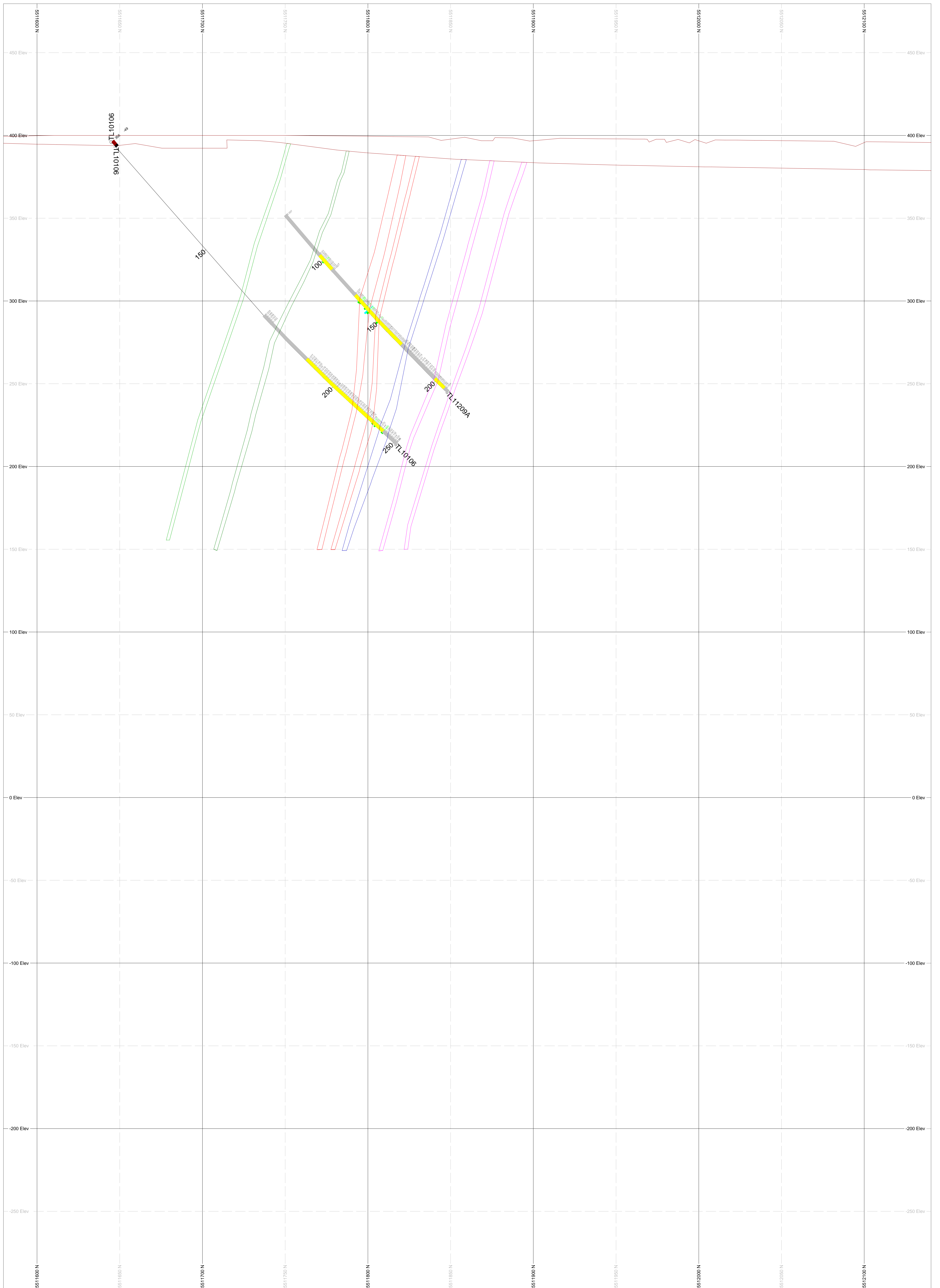
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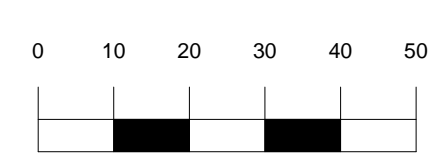
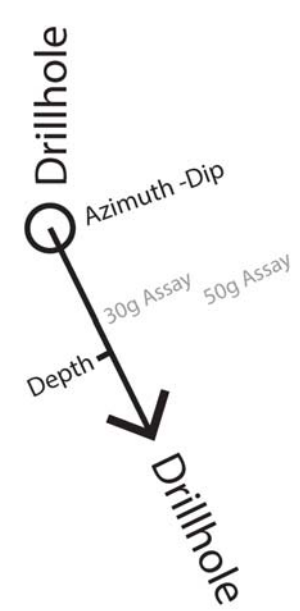
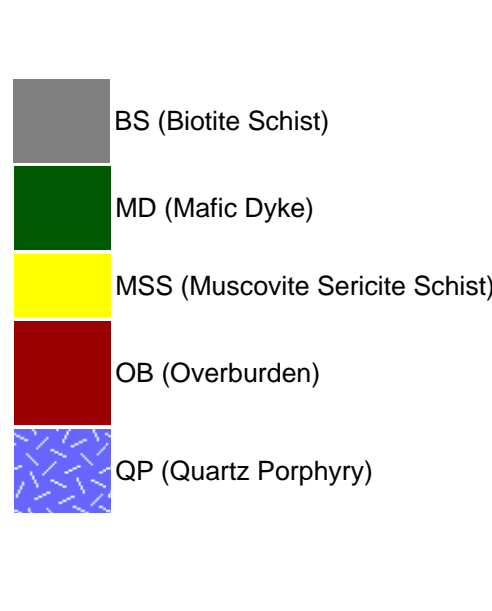
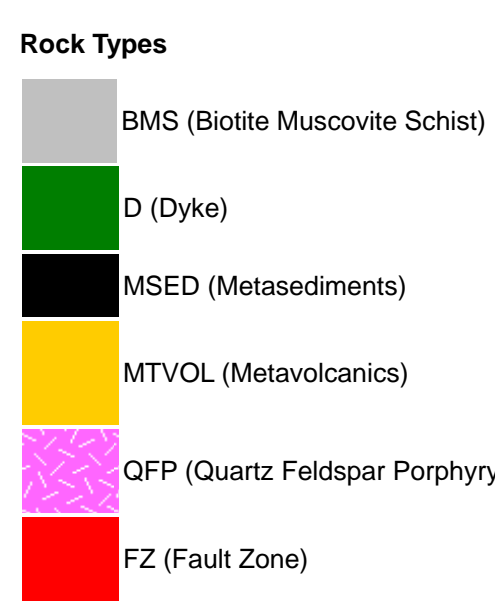
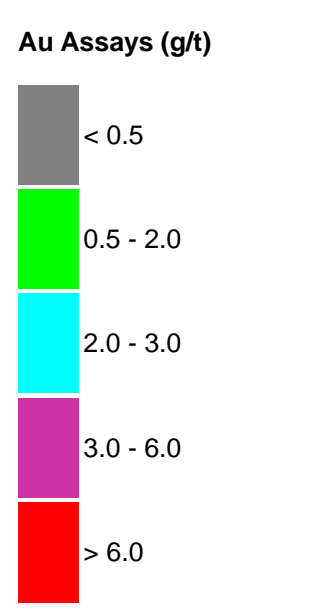
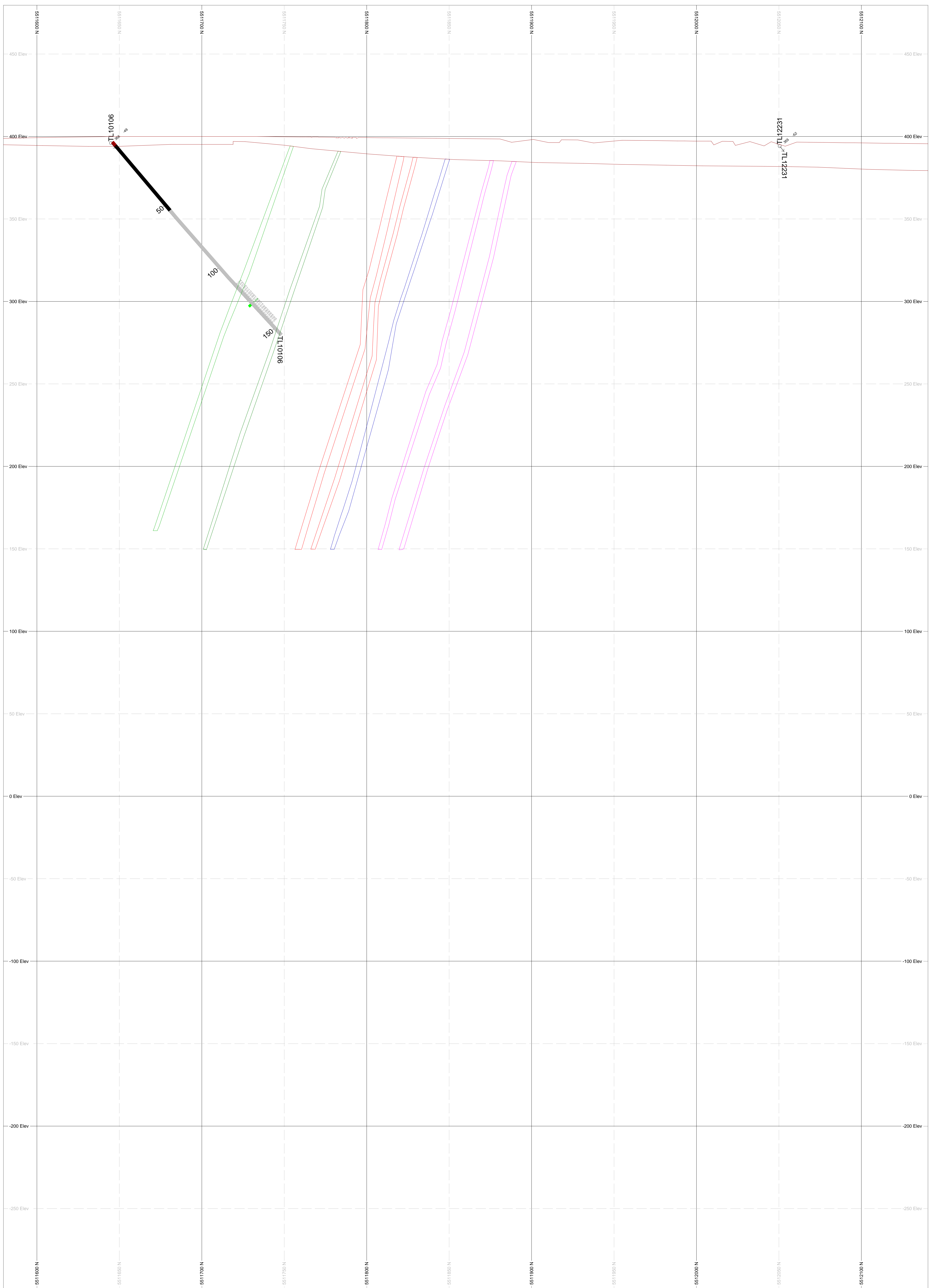
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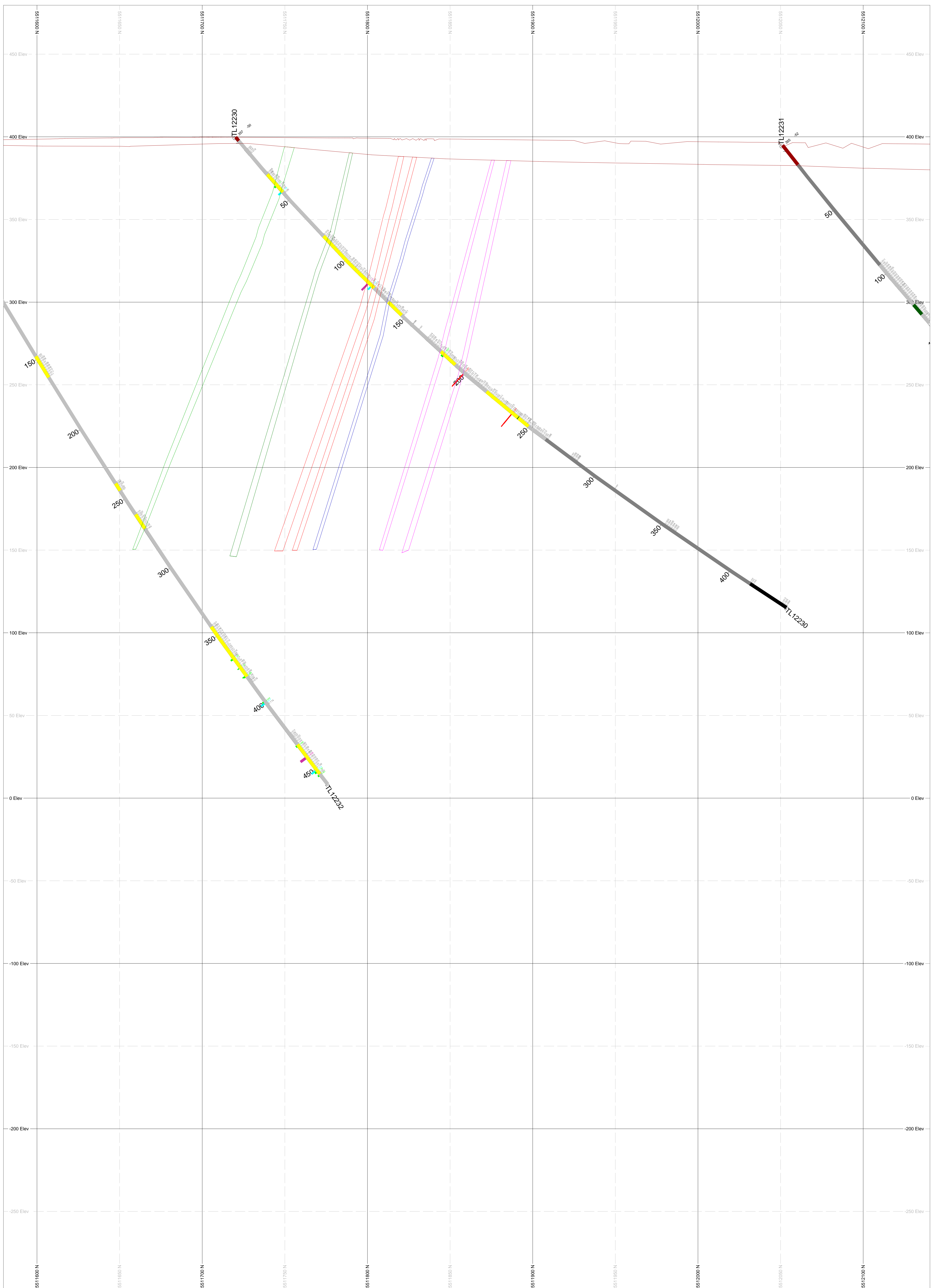
<p>Au Assays (g/t)</p> <ul style="list-style-type: none"> < 0.5 0.5 - 2.0 2.0 - 3.0 3.0 - 6.0 > 6.0 	<p>Rock Types</p> <ul style="list-style-type: none"> BMS (Biotite Muscovite Schist) D (Dyke) MSED (Metasediments) MTVOL (Metavolcanics) QFP (Quartz Feldspar Porphyry) FZ (Fault Zone) 	<ul style="list-style-type: none"> BS (Biotite Schist) MD (Mafic Dyke) MSS (Muscovite Sericite Schist) OB (Overburden) QP (Quartz Porphyry) 	<p>Wireframes</p> <ul style="list-style-type: none"> Overburden H4 Zone H3 Zone H2 Zone H1 Zone Main Zone B1 Zone B2 Zone C Zone D Zone E Zone 	<p>Drillhole</p> <p>Azimuth-Dip</p> <p>Depth</p> <p>30g Assay 50g Assay</p>		<div style="text-align: center;">  <p>TREASURY METALS INCORPORATED</p> </div> <p style="text-align: center;">Goliath Gold Project</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">527075</td> <td style="width: 50%; text-align: center;">1:1000</td> </tr> <tr> <td style="text-align: center;">Date: December 01, 2015</td> <td style="text-align: center;">Office: Dryden, ON</td> </tr> </table>	527075	1:1000	Date: December 01, 2015	Office: Dryden, ON
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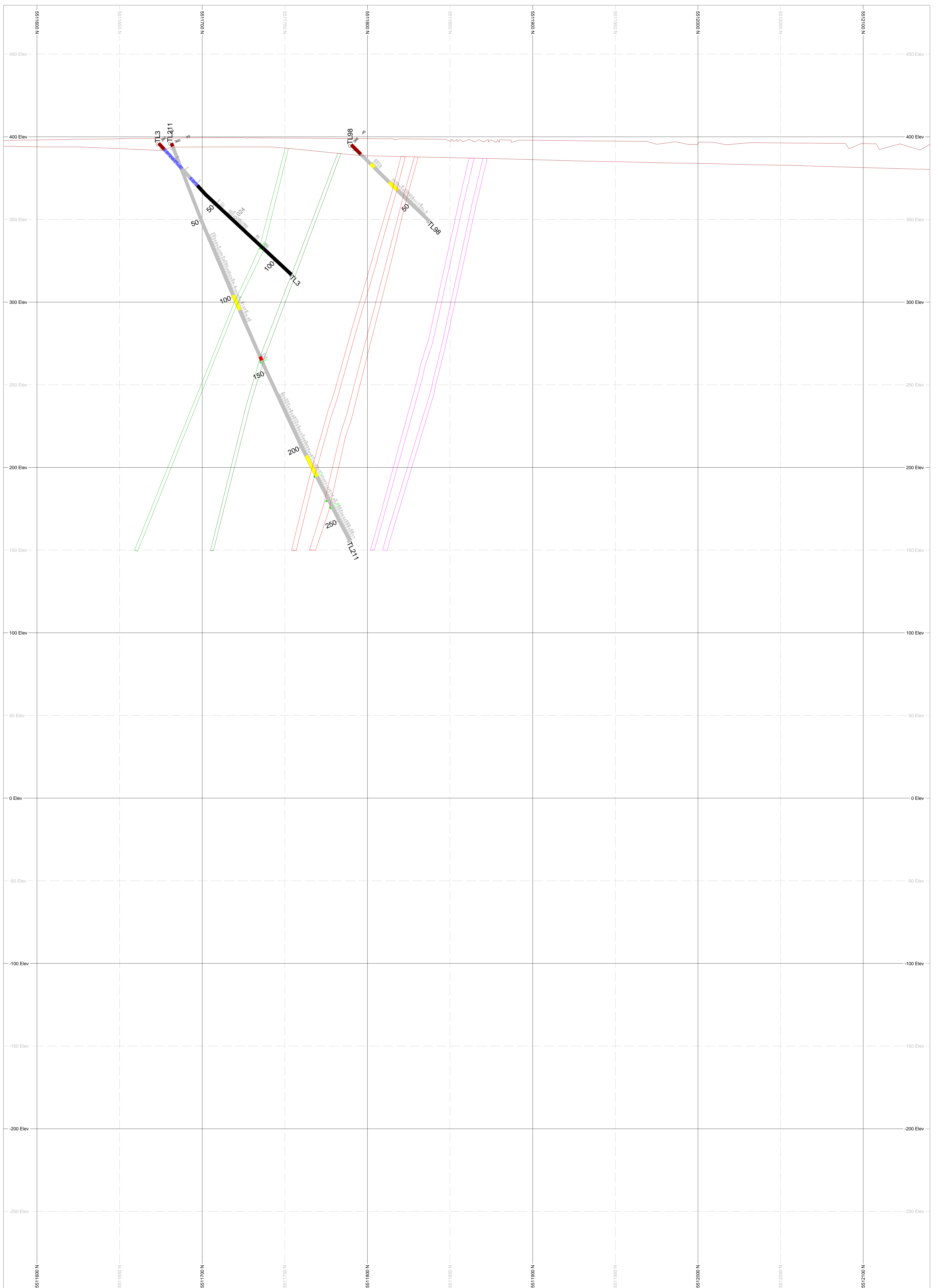
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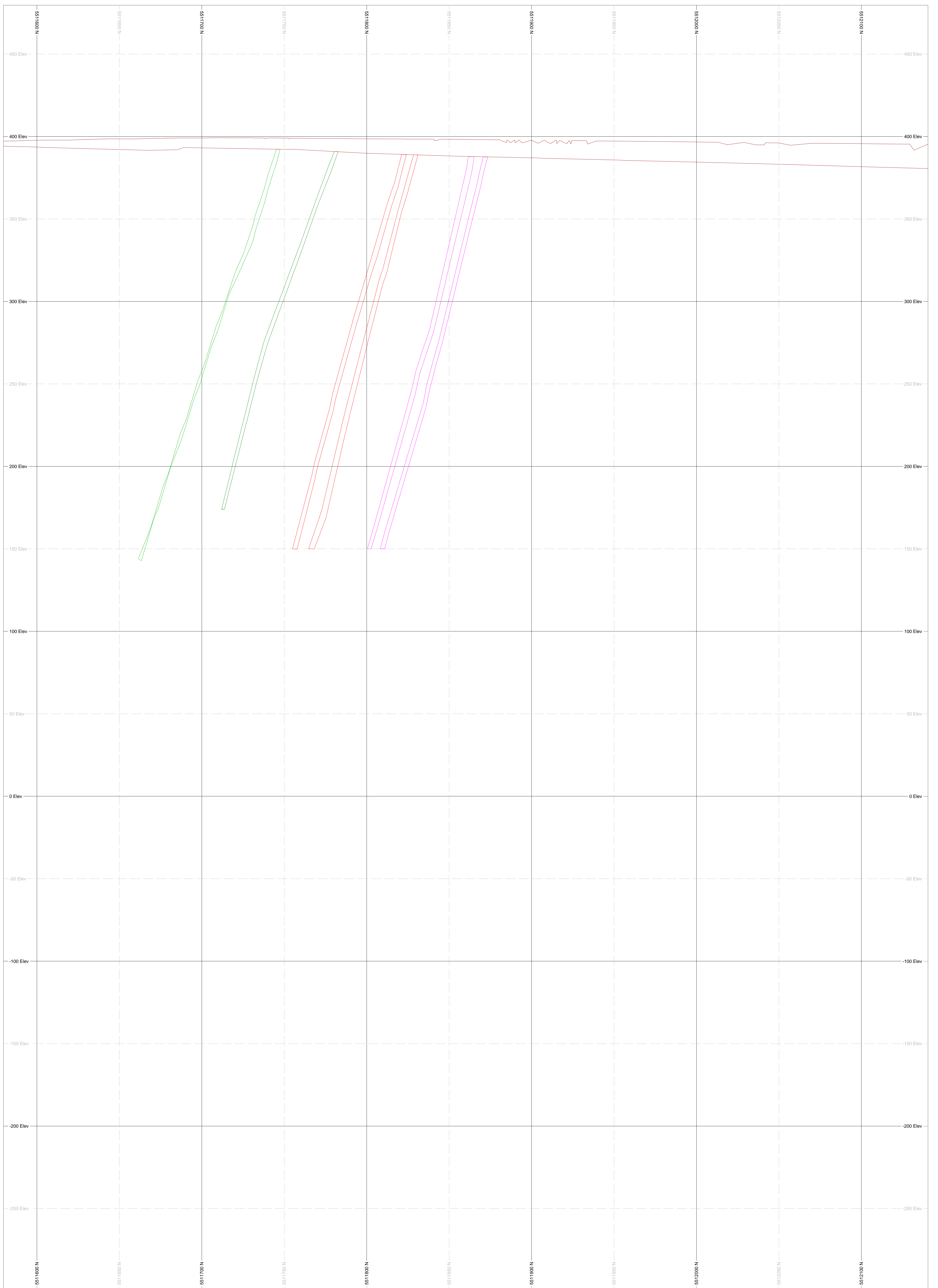
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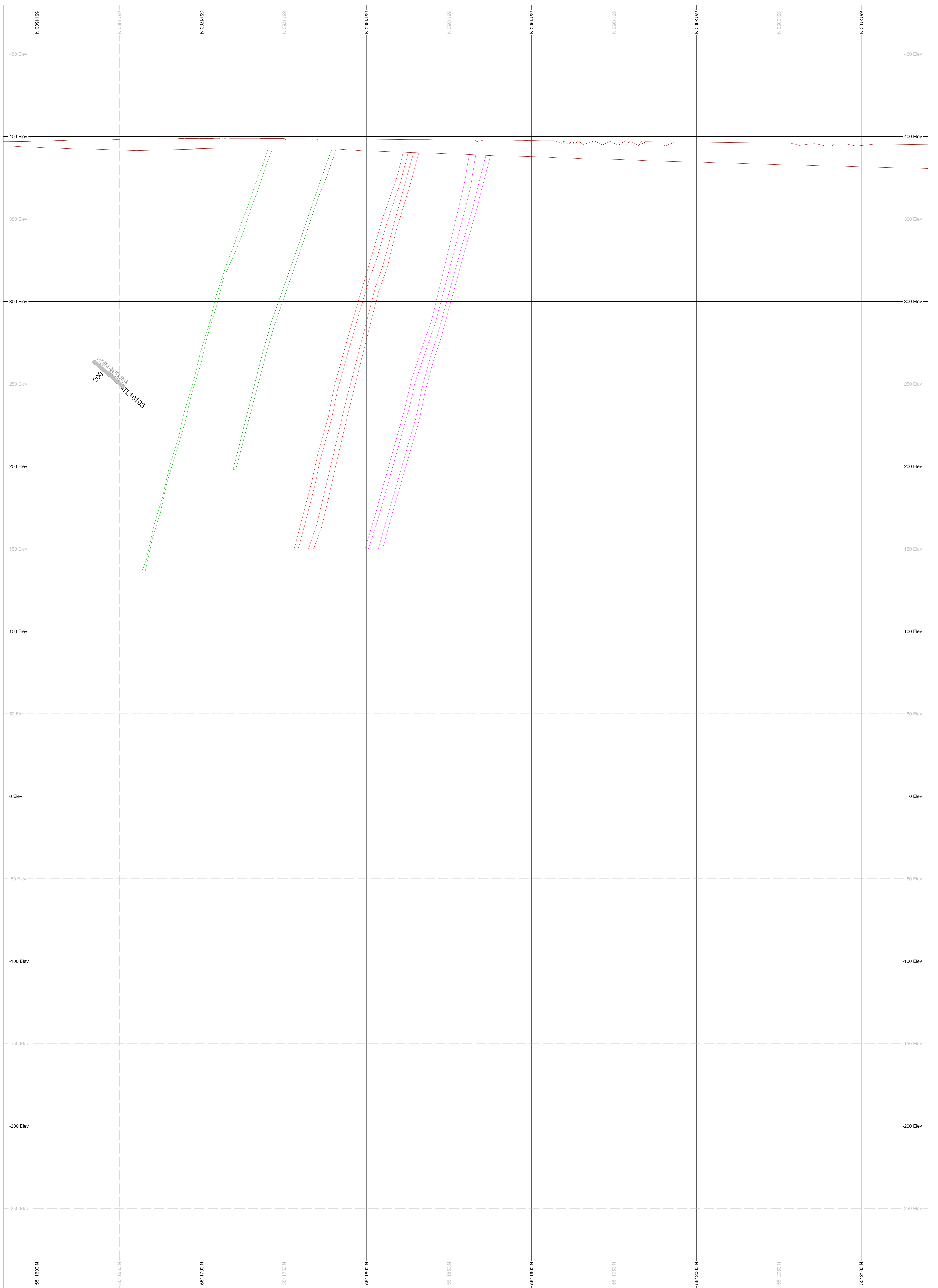
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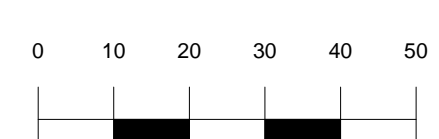
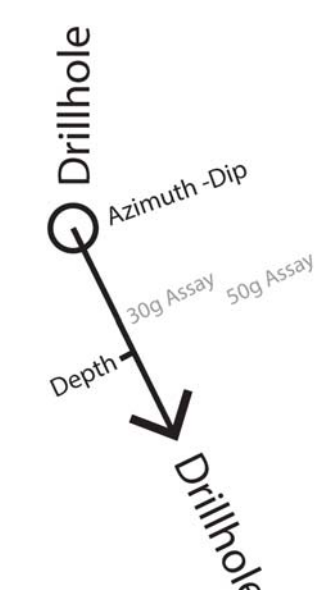
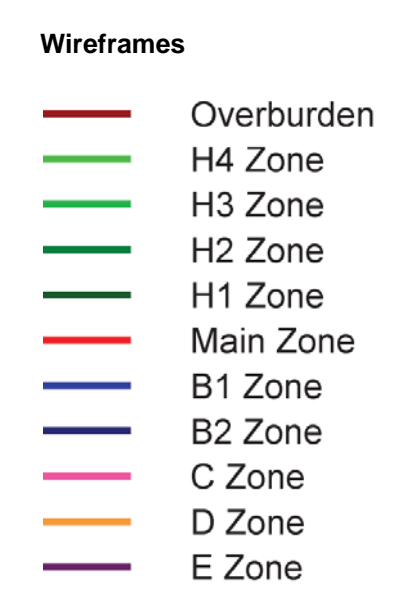
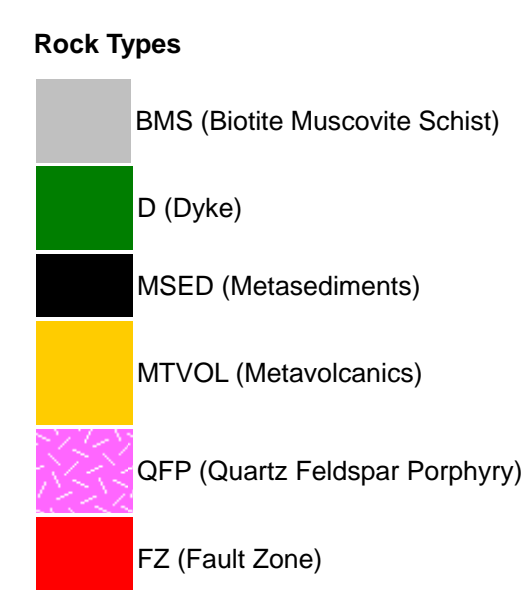
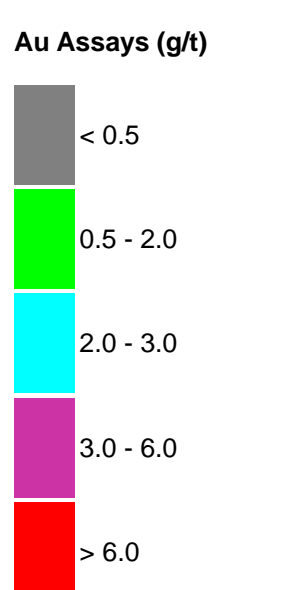
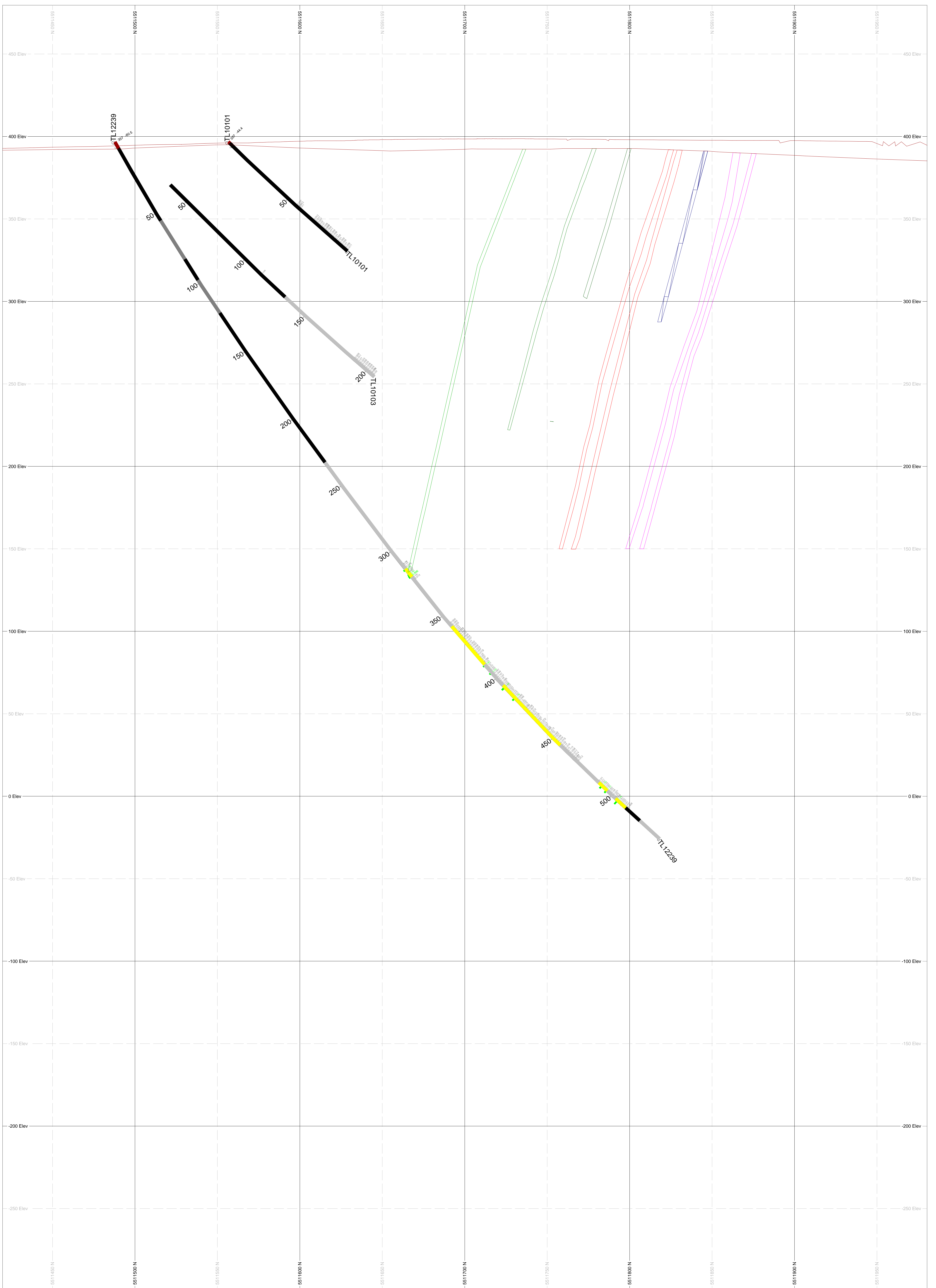
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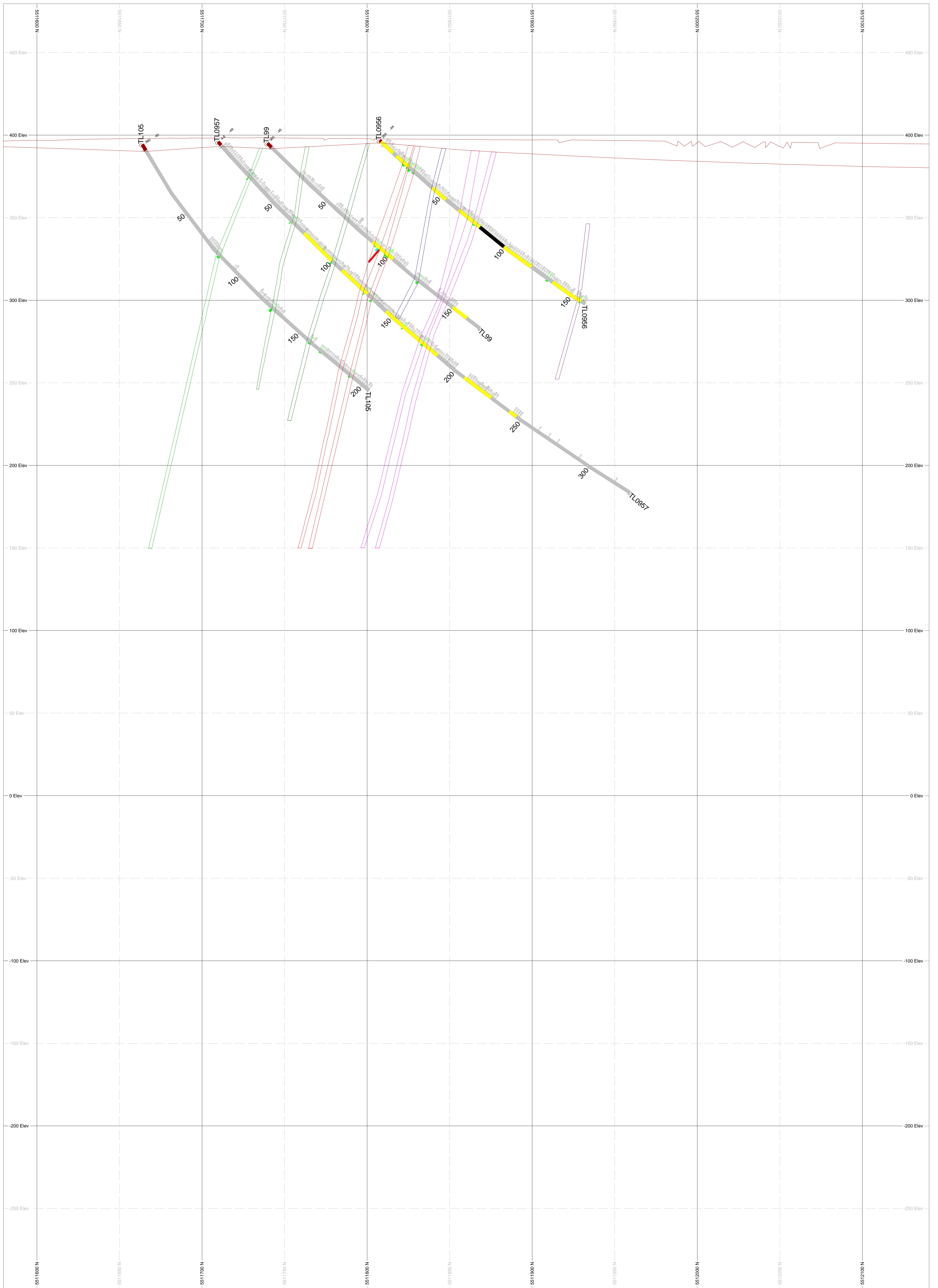
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Goliath Gold Project												
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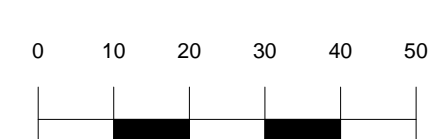
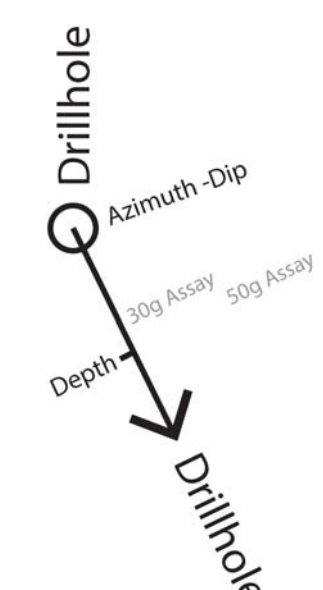
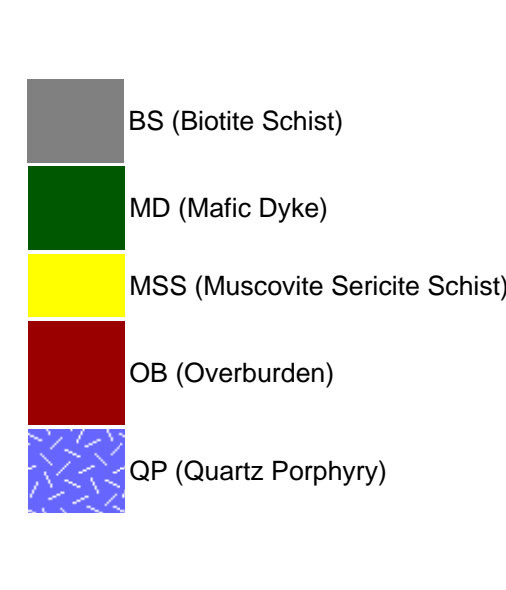
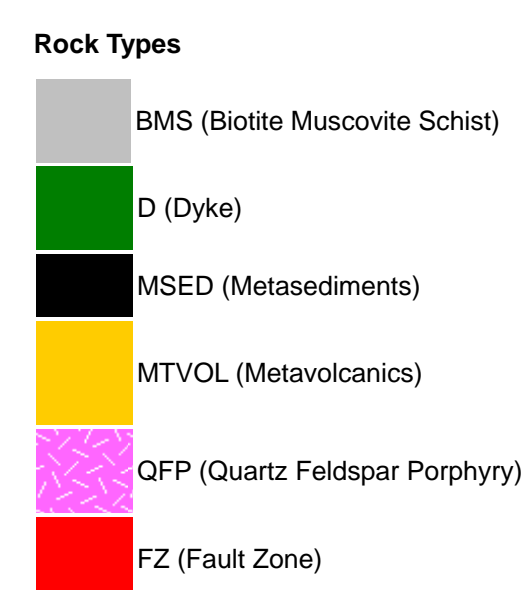
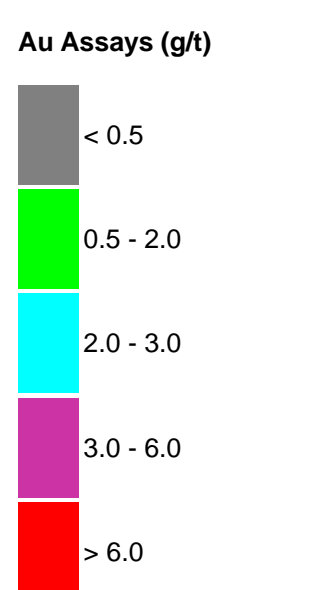
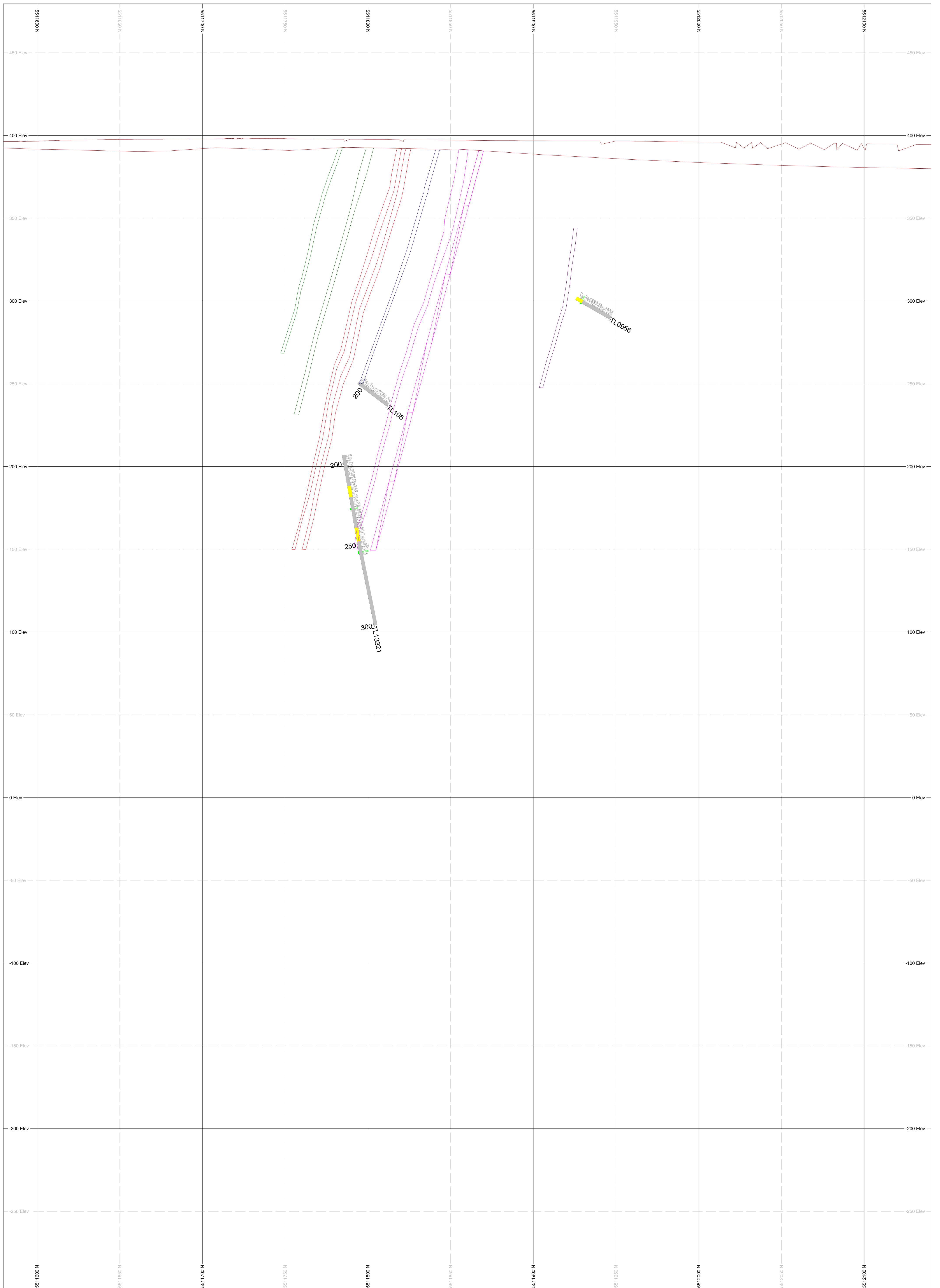
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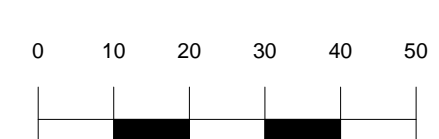
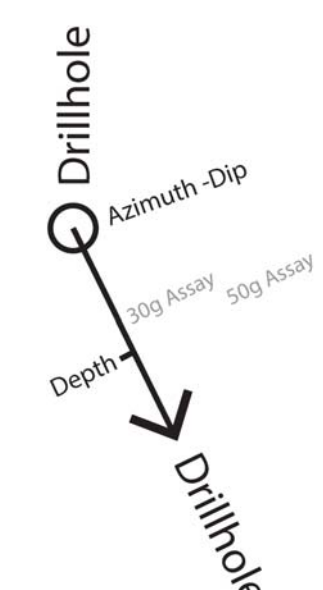
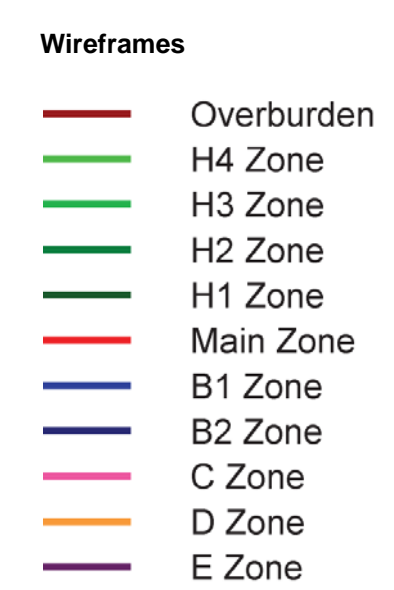
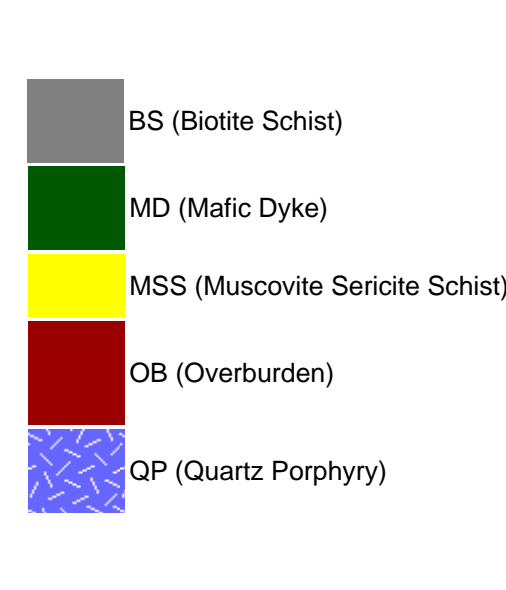
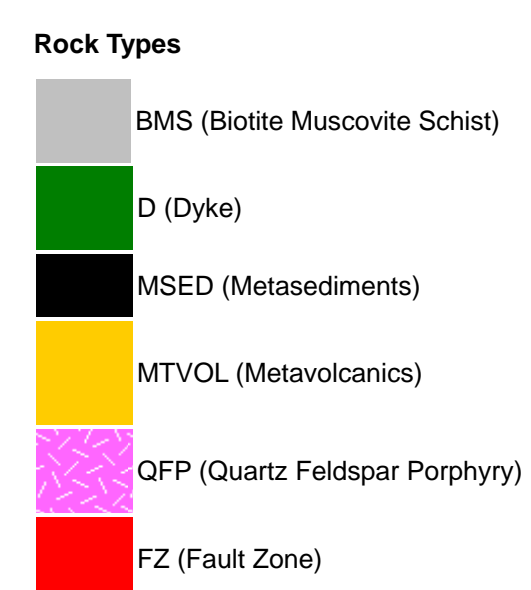
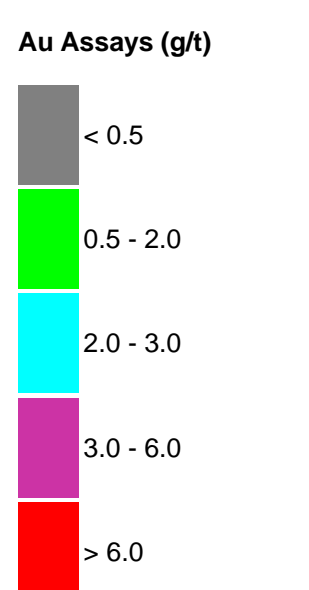
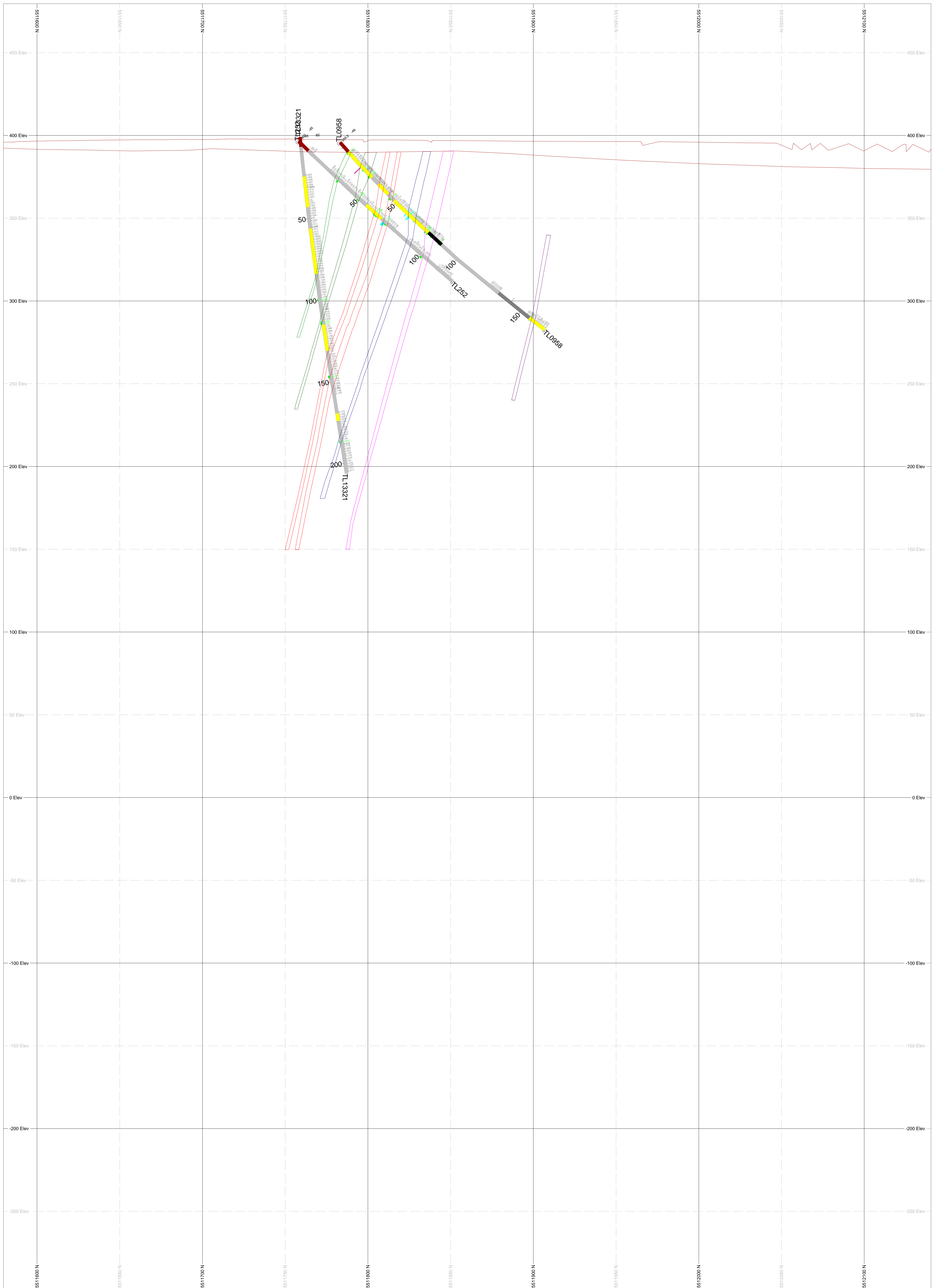
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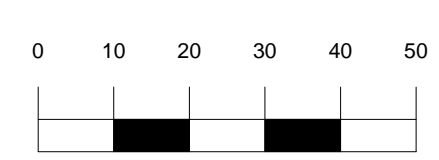
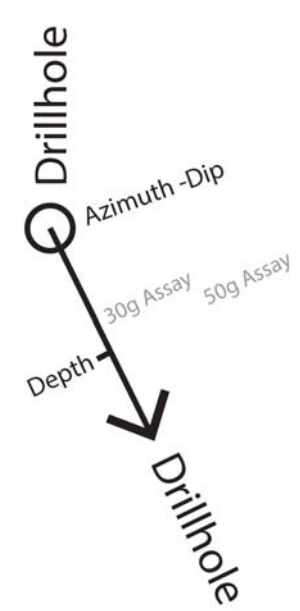
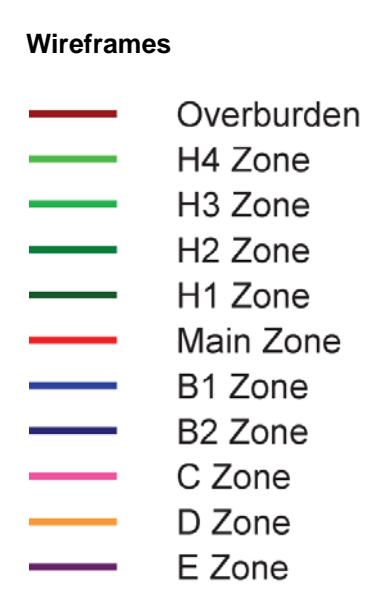
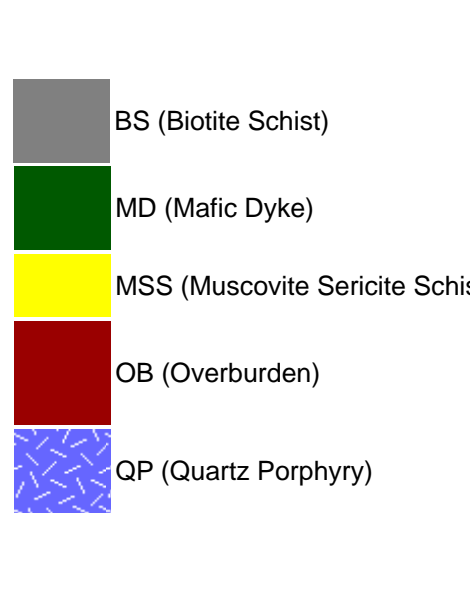
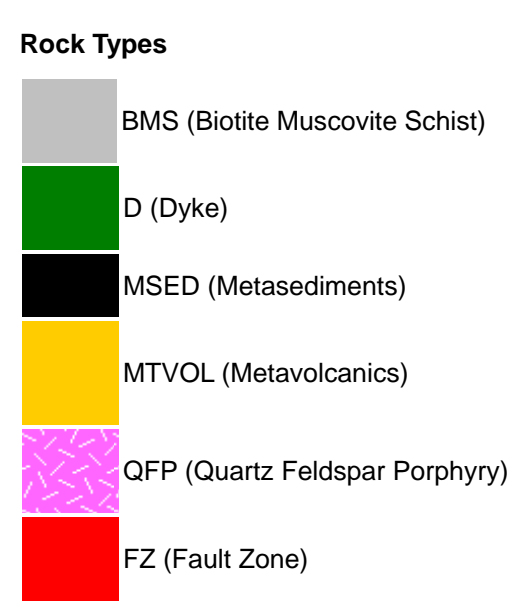
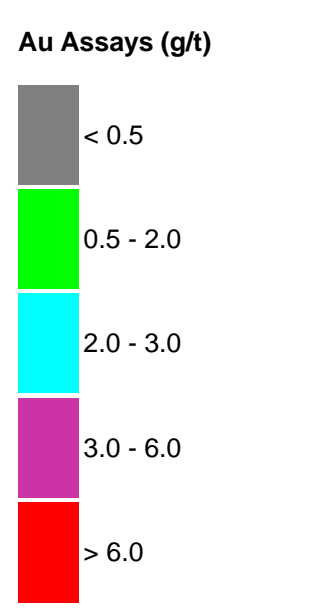
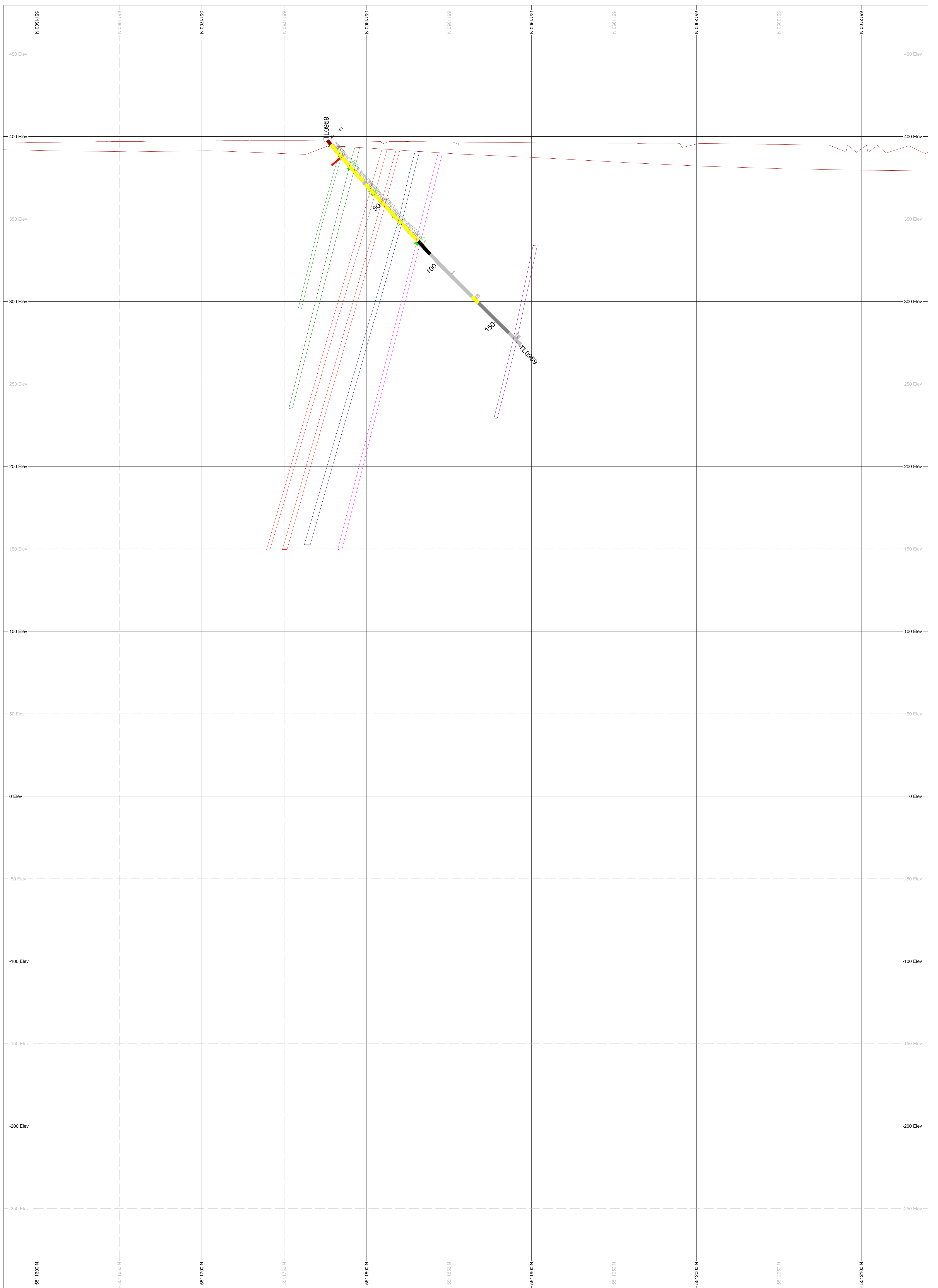
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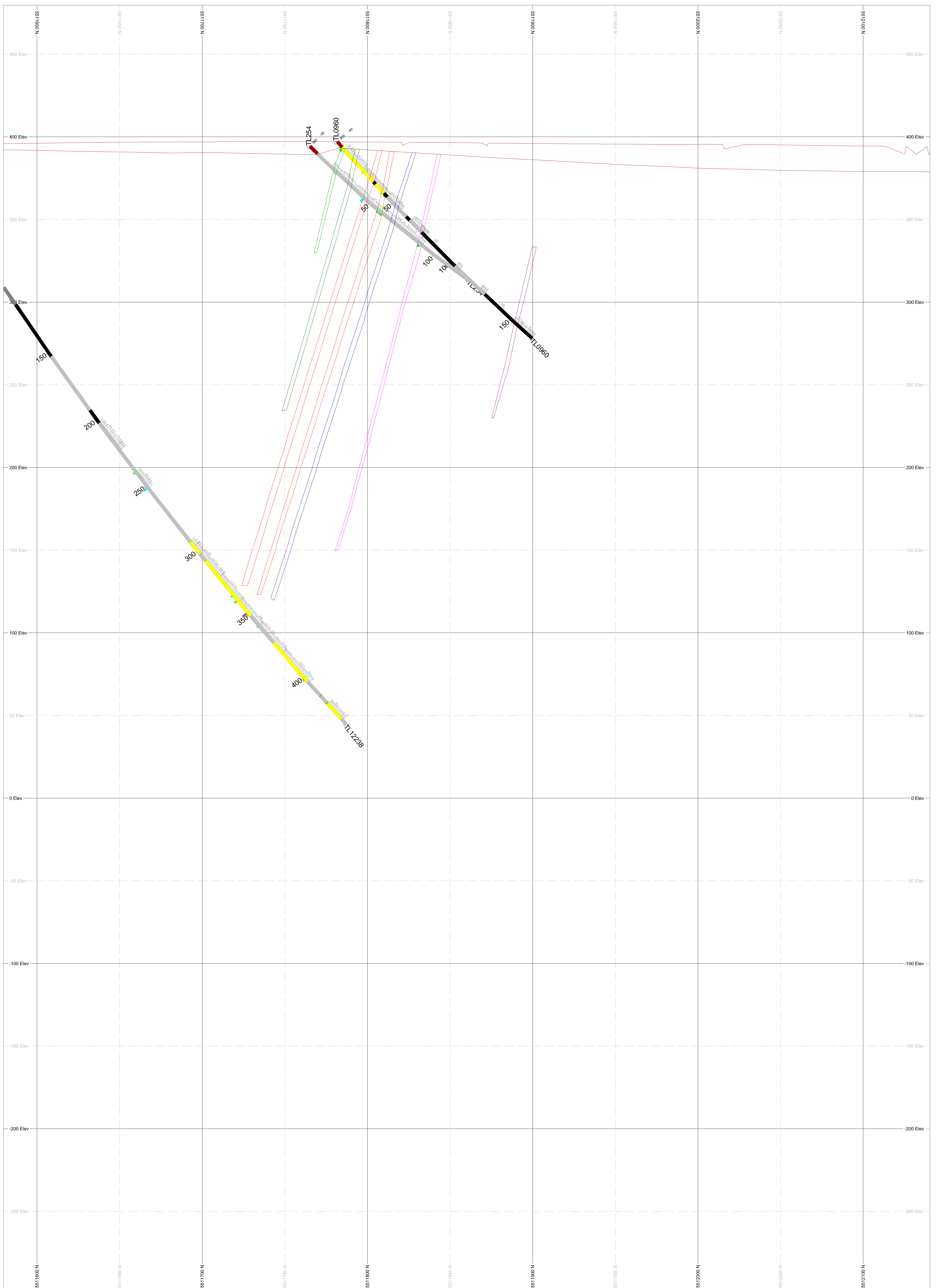
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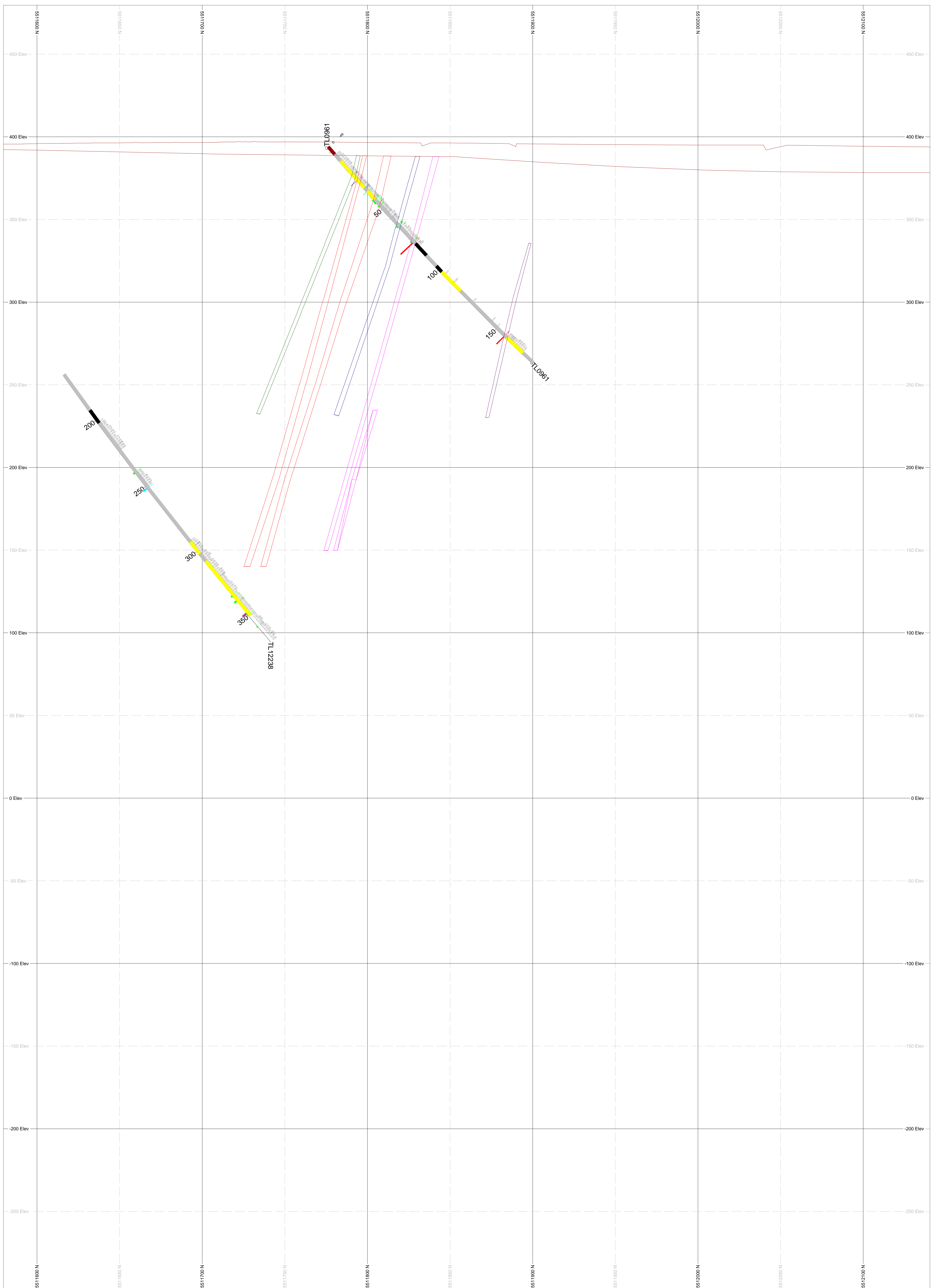
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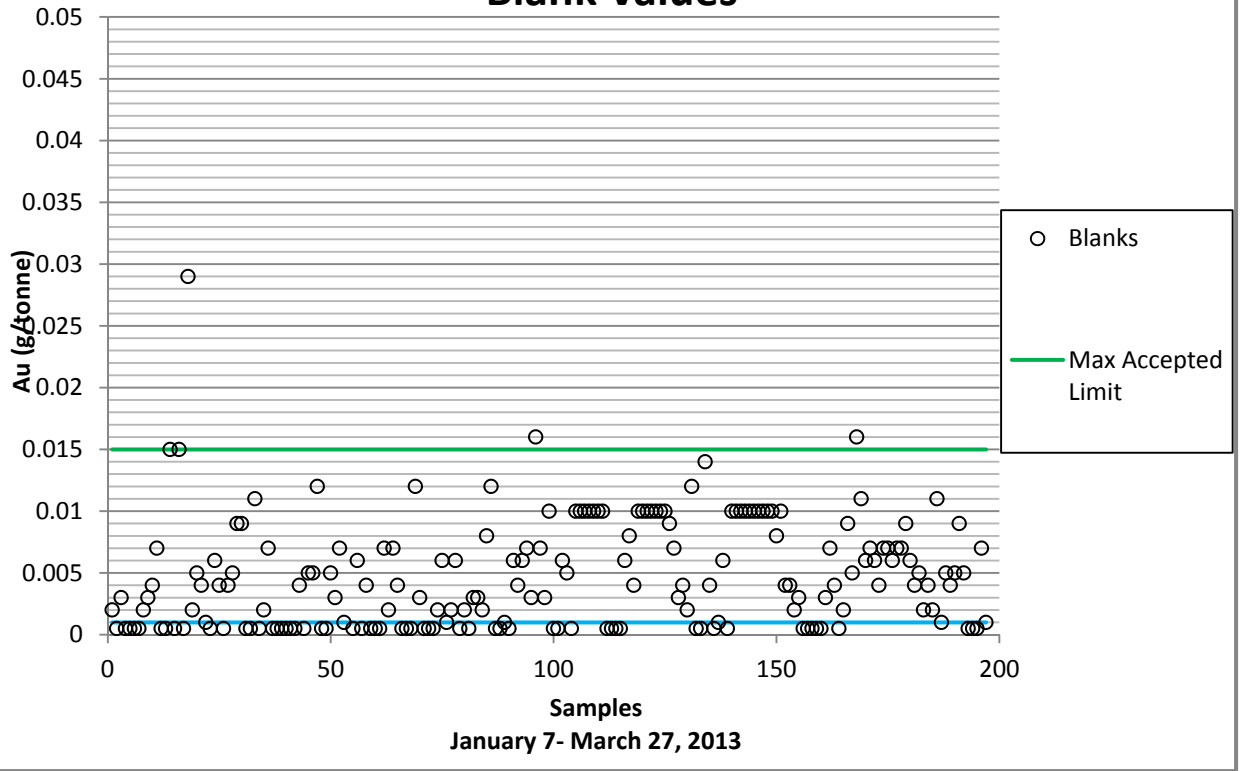


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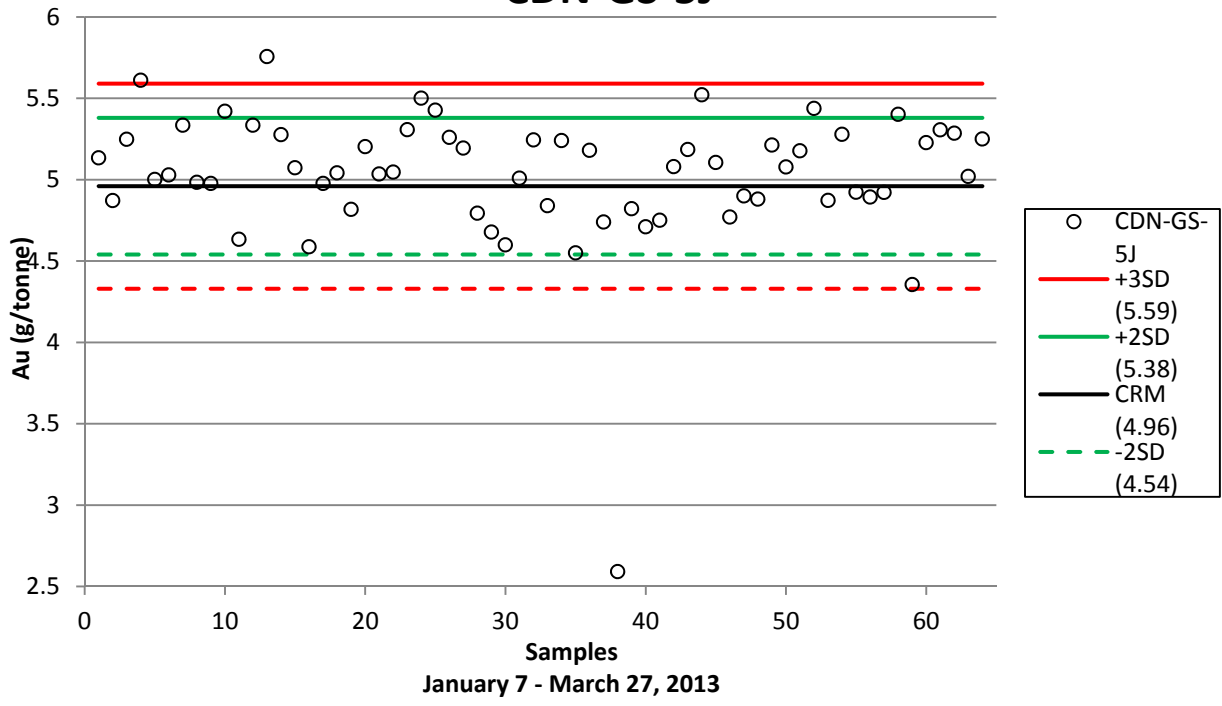
APPENDIX 5

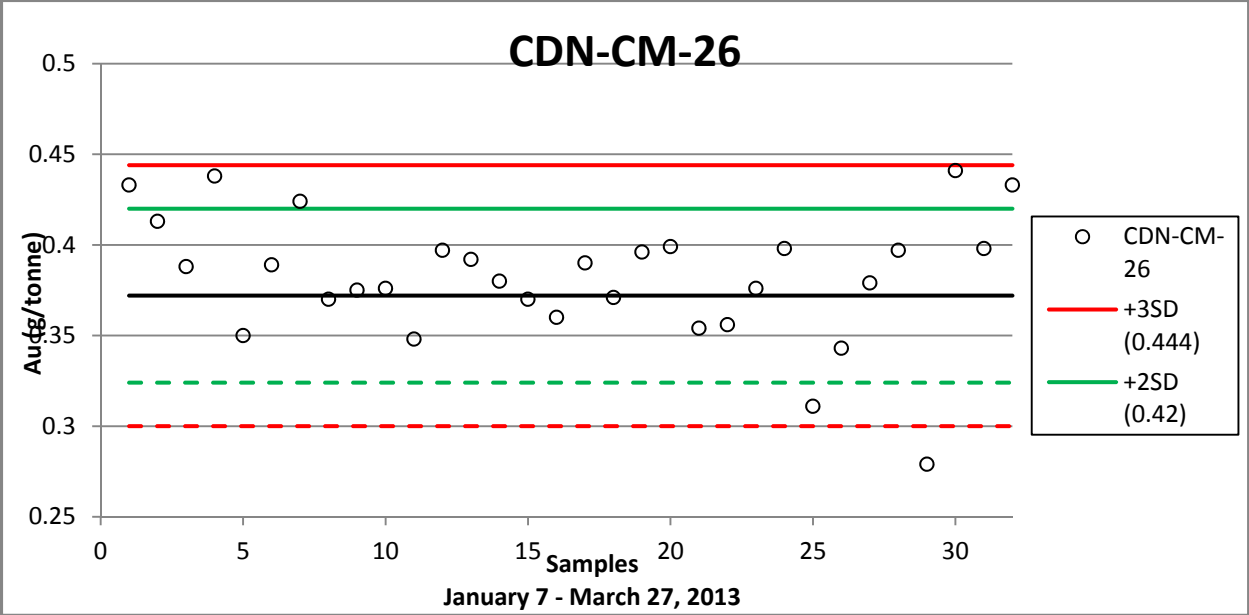
**QUALITY ASSURANCE/QUALITY CONTROL
CANADIAN STANDARDS, BLANKS AND DUPLICATES**

Blank Values

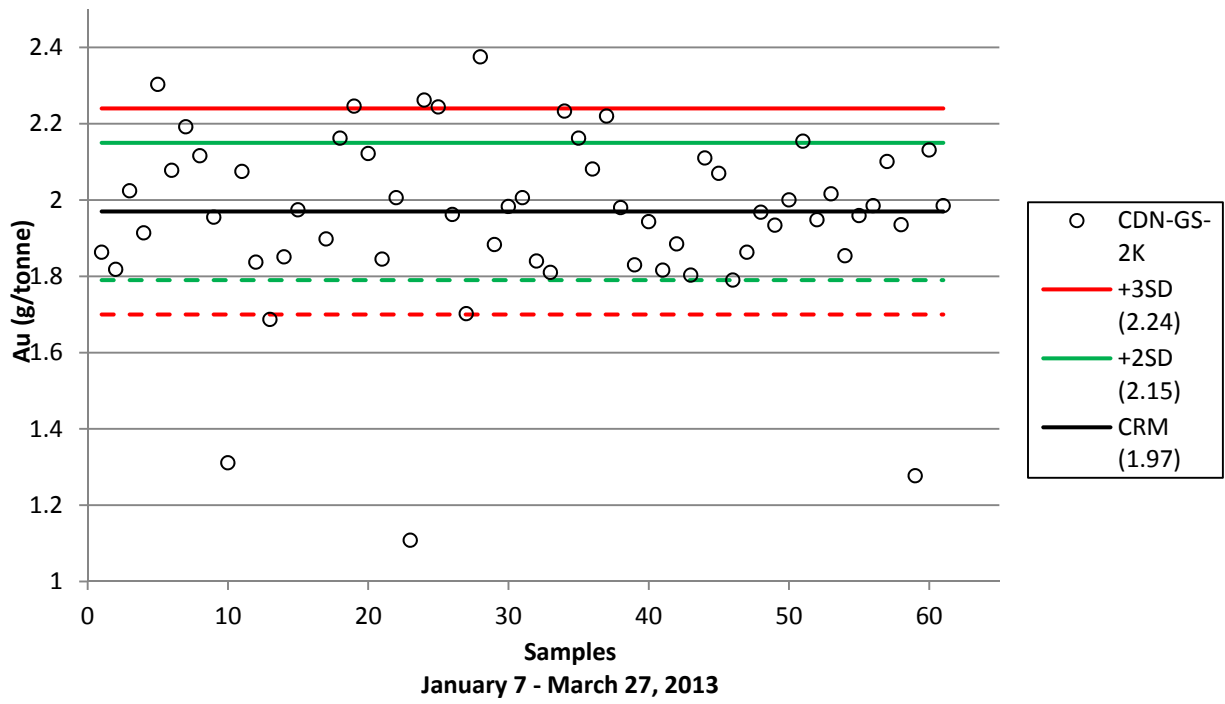


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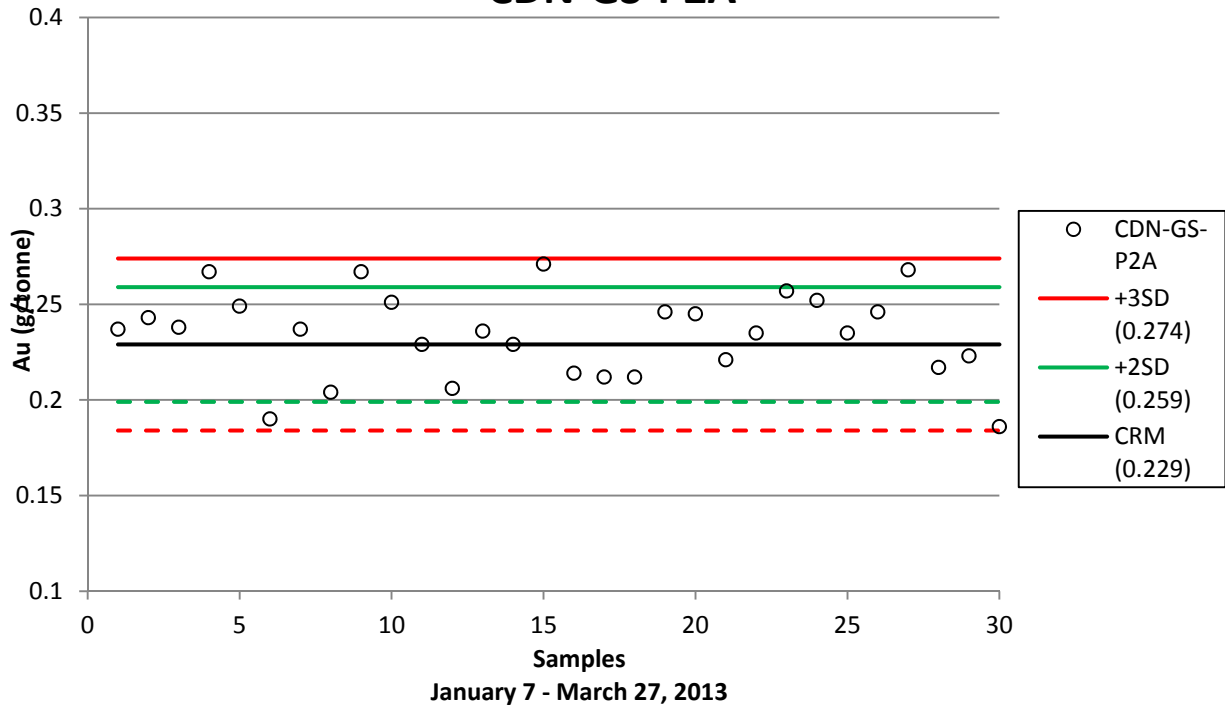




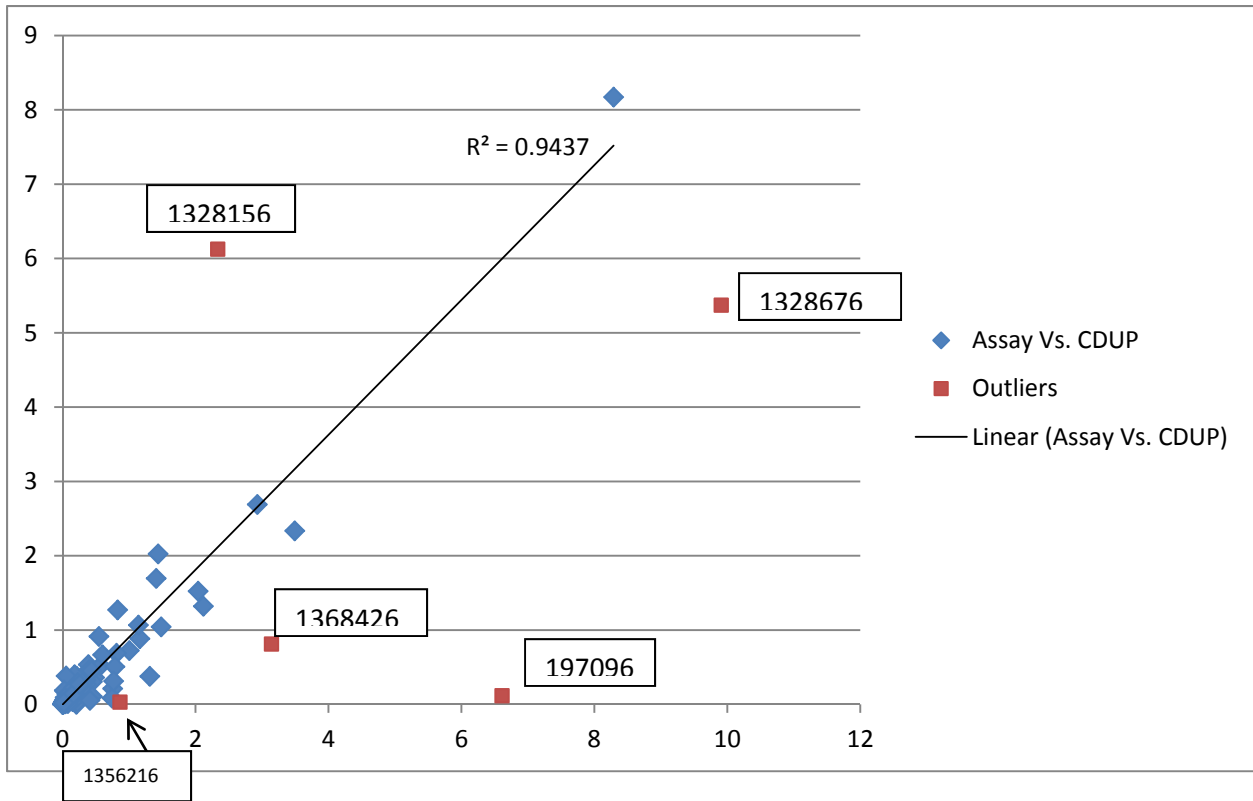
CDN-GS-2K



CDN-GS-P2A



DUPLICATES



				Plot Outliers
ASSAY Lab	Sample No.	ASSAY Value Au g/t	Duplicate Assay Au g/t	Difference (g/t Au)
Accurassay	1368426	3.143	0.81	2.333
Accurassay	1328156	2.335	6.124	-3.789
Accurassay	197096	6.612	0.116	6.496
ALS Minerals	1328676	9.91	5.37	4.54
Accurassay	1356216	0.865	0.029	0.836