Report of 2009-10 Surface Exploration Program on the Castlewood Lake Project

Castlewood Lake Area
Thunder Bay Mining Division
Northwestern Ontario,

UTM: 497515E, 5506832N [NAD83] ZONE 16U
NTS: 42E13NE

Claims: TB 4256845, TB 4256846, TB 4256848, TB 4256849, and TB 4230106

PREPARED ON BEHALF OF PRODIGY GOLD INCORPORATED

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November 4, 2011

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SUMMARY

The Castlewood Lake Project is located approximately 210 kilometers northeast of Thunder Bay, and 30 kilometers northwest of the village of Jellicoe, in Northwestern Ontario. Both the Conglomerate Lake and Kinghorn Roads (approximately 60 km) via the Tran-Canada Highway 11 offer direct and excellent road access to the entire project. Prodigy Gold Incorporated owns 100% of the mining rights in the Castlewood Lake Project, which consists of 388 units in 25 unpatented claims covering 6208 hectares in the Castlewood Lake Area (NTS 42E/13NE). Upon discovery in 1924, there was a buildup of exploration between 1951 and 1962, and from 1984 to 1989, with no known or documented exploration from 1989.

The Castlewood Lake Project is located within the eastern sector of the Humboldt Bay Deformation Zone (HBDZ) as part of a 25 kilometer trend. It is proximal to the „intersecting' Onaman Lake Shear, which hosts a variety of polymetallic zones, with the most prolific one being the Tashota Nipigon Mines, which operated between 1935 and 1938 and milled 51,250 short tons grading 0.241 opt Au, 0.28 opt Ag, and 0.35% Cu, producing 12,356 oz Au, 14,527 oz Ag and 360,306 lbs Cu. The rocks underlying the property are part of the Willett Assemblage (ca. 2,740 Ma) which is characterized by massive to pillowed mafic flows (high-iron to magnesium-rich tholeiitic and calc-alkaline basalts/andesites) in the southeastern domain of the Wabigoon Subprovince of the Superior Province. Inter-formational clastic and lean BIF occur within the mafic metavolcanics, intruded by a variety of syn and post-volcanic felsic to intermediate intrusives, including feldspar and quartz-feldspar porphyry rocks.

The 2009-10 surface exploration programs were designed to confirm and verify known historical gold mineralization, and expand the mineralization along strike. A comprehensive surface program was undertaken in 2009-10, which included line-cutting, IP/magnetic ground geophysical surveys, trenching, detailed mapping, regional and trench sampling, and channel sampling. The 2009-10 surface program was most successful in establishing and outlining continuity of a complex, highly folded gold-bearing mineralized structure. The folded aggregate strike length of the Centurion/Leopard Zones and Wasp Showing is approximately 460 meters. The Centurion Zone contains high grade gold mineralization, returning up to 6.94 g/t Au / 1.45 meters in channels and up to 37.6 g/t Au in grabs. Although the Leopard Zone contained high grade gold in grabs up to 22.9 g/t Au, 52.1 g/t Ag, and 0.03% Mo, there is a more significant wider envelope of gold mineralization in the channels with up to 1.48 g/t Au / 7.85 meters. .

Completion of detailed mapping over the Leopard Zone and other trenches is highly recommended. Another structural review over all the trenches would greatly enhance the understanding of the structural controls of the mineralization. Any additional drilling on the Castlewood Project should focus on the down-dip and plunge extension of the Leopard Zone.

1.0) Introduction

1.1) About Prodigy Gold Incorporated

Prodigy Gold Incorporated ("PDG") was born through the merger of two Canadian Junior exploration companies**, Kodiak Exploration Limited** ("Kodiak") and **Golden Goose Resources Inc,** in January 2011. The company is actively exploring for gold within the Beardmore–Geraldton belt (BGB) and Wawa Subprovince of the Archean Superior Province with over forty projects within the BGB and Magino project, which is near development, in Wawa Subprovince. The company also holds uranium properties in Otish Mountain, Quebec and Athabasca basin in Northern Saskatchewan.

1.2 General

The Castlewood Lake (CWL) Project is located 210 kilometers northeast of Thunder Bay and approximately 30 kilometers northwest of the village of Jellicoe, Ontario, in Northwestern Ontario (Figure 1). A surface program was initiated in September 2009 that was extended into 2010, until November 4, 2010. The surface program covered several claims numbered TB 4256845, TB 4256846, TB 4256848, TB 4256849, and 4230106.

The purpose of the 2009-10 surface programs were to confirm and expand gold-bearing mineralization from historical exploration work on known gold occurrences, as well as, address IP chargeability and magnetic targets from 2010 ground geophysical surveys. The more significant gold results are associated with both quartz-carbonate veining/silica flooding and increased sulphide content, spatially associated with a variety of IP chargeability and magnetic anomalies. The surface program also focused on both the regional potential through prospecting along the Humboldt Bay Deformation Zone, and two of the historically known gold occurrences. A total of 9,848 square meters of trenching was completed. This report describes and interprets the geology and geochemical results of the 2009-10 surface exploration programs.

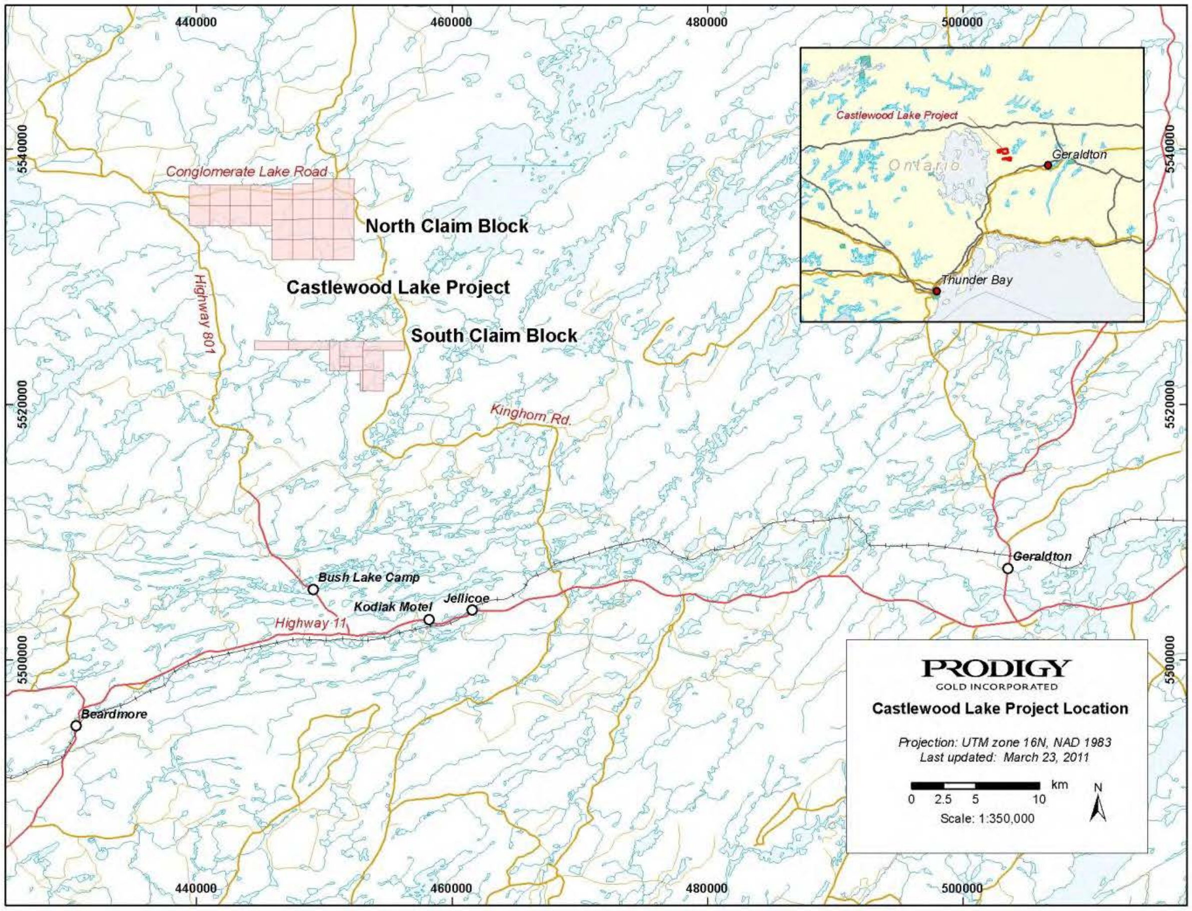
2.0) Property Description and Location

2.1) Location and Access

The CWL Project is located 210 kilometers northeast of Thunder Bay, Ontario, and approximately 30 kilometers northwest from the village of Jellicoe, Ontario (Figure 1). It is located in the Castlewood Lake, in Thunder Bay North Mining Division (NTS 42E13NE).

Road access for 61 kilometers from the Trans-Canada Highway 11 is via the Kinghorn/Conglomerate Lake roads. The Conglomerate Lake Road offers direct and easy access to most of the claim group, bisecting the northern claims in an east-west direction. There are also a number of old, grown-over exploration trails that can be used from the Conglomerate Lake Road. The northeastern sector of the claim group can be reached by the Kinghorn Road and its secondary and tertiary roads.

Figure 1 – Location Map of Castlewood Lake Project



2.2) Description of Mining Claims

The CWL Project consists of 388 units in 25 unpatented, mining claims, covering 6208 hectares (Figure 2). The unpatented mining claims are 100% owned by Prodigy Gold Incorporated (*700 West Pender Street, Suite 1205, Vancouver, British Columbia, V6C 1G8*).

A summary of the Castlewood Lake Project claim distribution is presented in Table 1.

Figure 2 – Castlewood Lake Claim Map

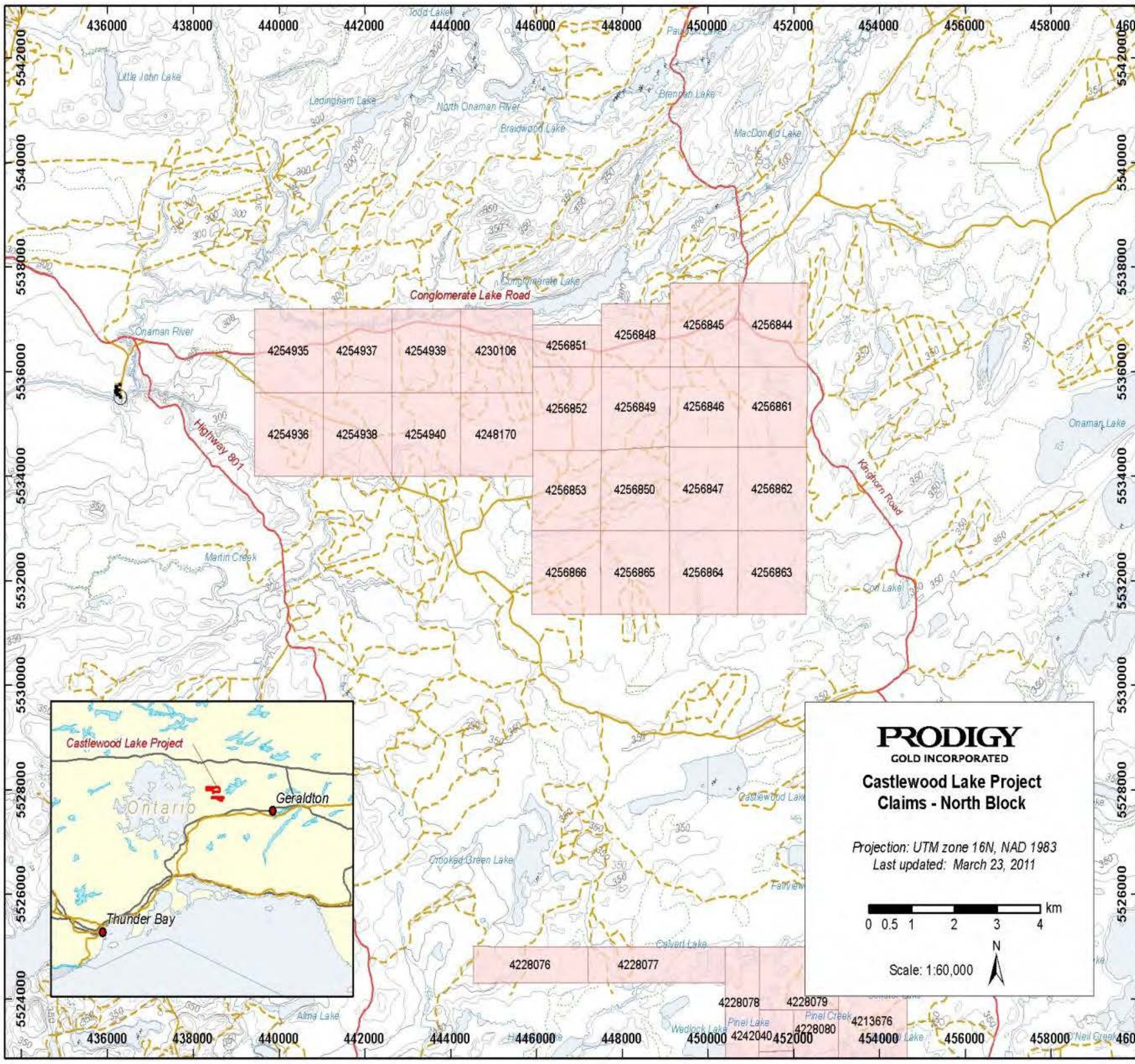


Table 1 – Castlewood Lake (North Block) Claim Distribution

Claim Number	Township	Units	Recorded Owner	Date Recorded	Due Date	Work Required
4219556	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/22	2011/11/22	$6,400
4256849	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256848	Castlewood Lake (G-0022)	12	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$4,800
4256851	Castlewood Lake (G-0022)	8	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$3,200
4256852	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256844	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256845	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256846	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256853	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256847	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256850	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2007/11/19	2011/11/19	$6,400
4256861	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/07/22	2012/07/22	$6,400
4256862	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/07/22	2012/07/22	$6,400
4256863	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/07/22	2012/07/22	$6,400
4256864	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/07/22	2012/07/22	$6,400
4256865	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/07/22	2012/07/22	$6,400
4256866	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/07/22	2012/07/22	$6,400
4230106	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
4248170	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
4254939	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
4254940	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
4254937	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
4254938	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
4254935	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
4254936	Castlewood Lake (G-0022)	16	Prodigy Gold Inc. (100%)	2010/12/15	2012/12/15	$6,400
25		388				$155,200

3.0) Physiography and Vegetation

The height of land ranges from 292 m and 332 meters above sea level. Inferred thickness of overburden varies from bedrock exposure to 7.6 vertical meters as evidenced in the surface trenching program and overburden depths in both the historical and Prodigy's drilling programs. The overburden cover consists of unconsolidated glacial gravel, silty sand with thin sand and gravel areas in higher relief areas, and thick organic matter and clay in poorly drained lower relief areas. For the most part, the relief on the property is gentle and undulating. The lower relief areas are occupied by extensive clay-rich swamp and muskeg with poor drainage. Conglomerate Lake is represents a major water body that closely marks the north boundary of the Castlewood Lake north claim boundary draining into the Onaman River westward into Lake Nipigon. Generally, there are few sizeable lakes within the claim group. Amukun (1980) reports that the drainage in the southeastern part of the area is controlled by Crooked Green and Fairview Creeks, which drain southerly into Crooked Green and Fairview Lake system, respectively.

For the most part, the property is characterized by less than <1% to 5% outcrop cover rock exposure and low-lying outcrop is generally undulating with the glacial cover. Vegetation consists of small black spruce balsam, cedar, and local tamarack in the swampy areas with the higher relief areas being a mixture of spruce, poplar, with birch and jack pine being more prominent in the sandy knolls and outcropping areas.

The topography and vegetation in the area of the drilling is reflected by higher and lower ground with open black spruce. The overburden is characterized by clay in the relatively low-lying area of the trenched area with silty-clay and silty-sand in both trench areas.

4.0) Historical Exploration

This area is known for one its earliest gold discoveries in the region with the discovery of two showings by the Kenty Brothers with Gregory Brennan in 1924. Trenching and chip sampling ensued to what is known as PDG's Centurion Zone (Kenty North) and the Leopard Zone (Kenty South). Most of the exploration was concentrated between 1951 and 1962 and a brief period during „flow-through' from 1984 to 1989, with no exploration being documented over a period of 20 years from 1989 (Table 2).

Upon discovery of two showings by the Kenty Brothers in the Conglomerate Lake area in 1924, there was follow-up prospecting, sampling, and blast trenching over a period of five years, until 1929. Results from sampling varied from 6.63 g/t Au to 23.2 g/t Au across 2.4 to 3.05 meter widths in what is now called the Centurion Zone (Kenty North) and Leopard Zone (Kenty South). With weak gold prices in the period of the Great Depression and World War II, this area remained inactive until the start of the 1950's. This led to two periods of time where exploration activity intensified, from 1951 to 1962 and from 1984 to 1989.

Activity of exploration work increased between 1951 and 1961 with several companies conducting surface exploration work, including drilling, primarily over what is known today as

PDG's Centurion and Leopard Zones (Table 2). Exploration work consisted of prospecting and sampling, geological mapping, ground electromagnetic and magnetic surveys, and a series of small diamond drill programs. The most extensive drilling was conducted by Jorsco Exploration Ltd between 1961 and 1962, with 2,364 meters in 26 drill holes with most of the drilling in the Centurion and Leopard Zone areas (Mason & White, 1986). No gold results were reported for the majority of the drilling, with only one drill-hole reporting no significant gold results. All of the other small drill programs and exploration work did not reveal gold results, as a result of the claims being leased in 1960.

Over a period of 21 years, from 1962 and 1983, the area became relatively inactive. William Langridge renewed a 21 year old lease in 1975. There was a brief flurry of exploration activity between 1984 and 1989 (Table 2). Exploration work consisted of geological mapping, trench stripping and sampling, soil sampling, ground electromagnetic and magnetic surveys, and some small drill programs. The most significant results came from Andaurex Resources Inc. in 1986. The results were released in a number of small articles in the George Cross Newsletter, dated February 13 and July 21, 1986. On July 21, 1986, Andaurex reported results from two of the four drill holes with Hole 1 reporting 2.06 g/t Au / 6.1 m. and 5.48 g/t Au/ 1.5 m. (Leopard Zone) and partial results from Hole 2 returning 9.93 g/t Au/ 1.5 m. and 34.9 g/t Au/ 3.05 m. (Centurion Zone).

The Ontario Geological Survey commissioned an Aerodat Survey in 1988 as part of a regional survey that covered the Tashota-Geraldton-Long Lac areas.

A summary of work is presented in Table 2.

5.0) Geological Settings

5.1) Regional Geology

The supracrustal rocks underlying the general area are located in Onaman-Tashota Greenstone Belt and part of the Willett Assemblage (ca 2,740Ma) of the Wabigoon Subprovince of the Superior Province of the Superior Province in Precambrian Shield (Figure 3). The southern part of the Willett Assemblage is characterized by massive to pillowed mafic flows (high-iron to magnesium-rich tholeiitic and calc-alkaline basalts) that form 60% of the area. There are thin, intercalated felsic to intermediate (calc-alkaline dacite) metavolcanic units (5%) within the mafic metavolcanics. A well defined narrow clastic metasedimentary (10%) horizon (ca 2,707-2,709 Ma) lies within the mafic metavolcanics and is predominantly composed of polymictic conglomerate with arkose, greywacke, and argillaceous interbeds (Timiskaming Sediments). This may represent a major structural break within the mafic metavolcanics. Oxide to silicate facies iron formation reflects strong magnetic anomalies in the region. Geochemical characteristics of this prominent metavolcanic assemblage may represent a back-arc basin or primitive island arc affinities (G.S.C. Map P.3449, 2002). The remaining intrusive rocks account for 25%

Table 2 – Summary of Historical Exploration on Castlewood Lake Project – North Block

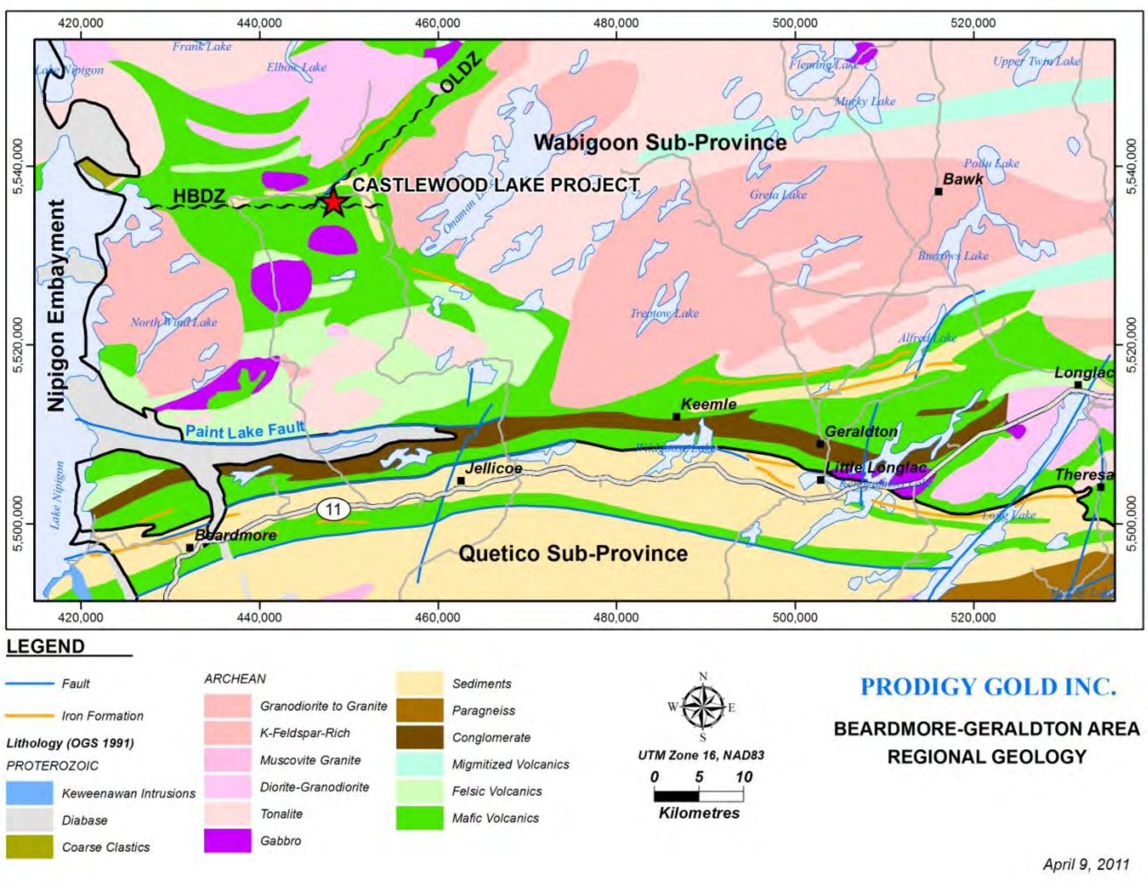
Company	Year	Description of Historical Exploration Work on the Castlewood Lake Project, North Block
Andaurex Resources Inc.	1989	Two diamond drill holes totaling 309.0 m. Highlights include 0.55 g/t Au over 0.9 m.
High Frontier Resources	1988	48.3 km of ground VLF-EM and magnetic surveys and a soil sampling program (contracted Phantom Exploration Services Ltd.) with negative results
Andaurex Resources Inc.	1986	Questor electromagnetic and magnetic airborne survey, electromagnetic/magnetic ground survey conducted outlining two target zones. Results from 2 of 4 drill holes with Hole 1 reporting 2.06 g/t Au / 6.1 m. and 5.48 g/t Au/ 1.5 m. (Leopard Zone) and partial results from Hole 2 returning 9.93 g/t Au/ 1.5 m. and 34.9 g/t Au/ 3.05 m. (Centurion Zone)
Canadian Nickel Company Limited	1984-86	Geological mapping, soil sampling, and 10.4 km of ground VLF-EM and magnetic geophysical surveys; no significant gold values were returned from the geological and soil surveys with the geophysical surveys outlining several small zones which had been drilled historically
Sherritt Gordon Mines	1976	8.56 km of ground HLEM and magnetic surveys, and geological mapping, located in the western part of the CWL Project; follow-up diamond drill program with 175.9 meters in three (3) drill-holes with no gold values in sulphides facies BIF and graphite
William Langridge	1975	Renewal of 21 year lease
Jorsco Exploration Ltd.	1961-62	55.0 km ground magnetic surveys over the central-eastern part of the CWL Project, including the Centurion and Leopard Zones; follow-up with diamond drill programs totaling 2,364 meters in 26 drill holes (Mason & White -1986) with only one drill-hole (Hole 1 or #9) reporting no significant gold values; option agreement between Chontor Mining (optionor) and Jorsco Exploration Ltd (optionee)
Chontor Mining Corporation Ltd.	1960	Claims covering the Centurion and Leopard Zones brought to lease (15 yrs)
Norsco Mines Ltd.	1960	326.1 meters of diamond drilling in 5 drill-holes with no gold values reported; option agreement between Chontor Mining Ltd (optionor) and Norsco Mines Ltd (optionee)
Sogemines Development Company	1958	Ground VLF-EM and magnetic geophysical surveys, and geological mapping in the western part of the CWL Project; follow-up drill program that consisted of 71.6 meters in 2 drill-holes with no precious/base metal values reported
Chontor Mining Corporation Ltd./William Langridge Jr.	1955	Diamond drilling consisted of 480.0 meters in 3 drill-holes with Hole 1 returning 2.8 g/t Au over 2.3 meters
Chontor Mining Corporation Ltd./William Langridge Jr.	1952	Approximately 32.2 km of line-cutting and a dip-angle electromagnetic survey
Chontor Mining Corporation Ltd.	1951	General surface work, including prospecting; option agreement between William Langridge Jr. (optionor) and Chontor Mining Corporation Ltd (optionee)
Kenty Brothers	1924-29	Prospecting, sampling, and trenching with „channel' chip samples ranging from 6.63 g/t Au to 23.2 g/t Au across 2.4 to 3.05 meters on the Centurion Zone (Kenty North Showing) and the Leopard Zone (Kenty South)

of the area with gabbro to diorite bodies and larger felsic to intermediate granitic rocks. The supracrustal rocks have undergone greenschist metamorphism, with upper greenschist to lower amphibolite proximal to younger felsic to intermediate intrusions.

The Humboldt Bay Deformation Zone (HBDZ) and the Onaman Lake Deformation Zone (OLDZ) are the principal structures in the region. The HBDZ trends east-west for approximately 25 kilometers. Although not fully understood, this deformation zone consists of multiple, anastomosing high-strain zones reflected by a dominant penetrative foliation about undeformed autochons, and shows a dextral component. The fold style is variably symmetric to asymmetric, with an overall Z-shaped pattern (Barclay – 2010). The ODLZ trends northeast for approximately 10 kilometers and represents a major contact strain aureole bordering the Onaman Lake Pluton.

There has been very little production with the Tashota Nipigon Mines operating between 1935 and 1938, milling 51,250 short tons grading 0.241 opt Au, 0.28 opt Ag, and 0.35% Cu, producing 12,356 oz Au, 14,527 oz Ag and 360,306 lbs Cu.

Figure 3 - Regional Geology



5.2) Property Geology

The supracrustal rocks underlying the Castlewood Lake Project are characteristic of the north-facing, metavolcanic units of the Willett Assemblage (Figure 4). This part of the assemblage is dominated by massive to pillowed, iron-rich tholeiitic basaltic flows and hyabyssal gabbro sub-volcanic equivalents. The mafic metavolcanics are unconformably overlain by a metasedimentary unit (Timiskaming Sediments) on the northern edge of the Castlewood Lake Project, located in the Conglomerate Lake area. The unit is composed mainly of a polymictic conglomerate, with interbeds of arenaceous sandstone and siltstone. There are inter-formational clastic and chemical metasedimentary horizons (banded oxide-silicate-facies iron formation) within the mafic metavolcanics. The metasedimentary horizons are thin-bedded, and are usually consist of mafic with felsic volcaniclastics, volcanic derived sediments. Thin felsic quartz-feldspar and feldspar sill and dyke-like bodies, with the extent being limited in nature. A small, sub-circular body of granodiorite to quartz-monzonite underlies the eastern sector of the CWL Project area, measuring 2.6 square kilometers. Amukun (1980) reported that this small intrusive body is similar in composition and texture to the Onaman Lake Batholith. The rocks underlying the property have undergone regional lower greenschist metamorphism.

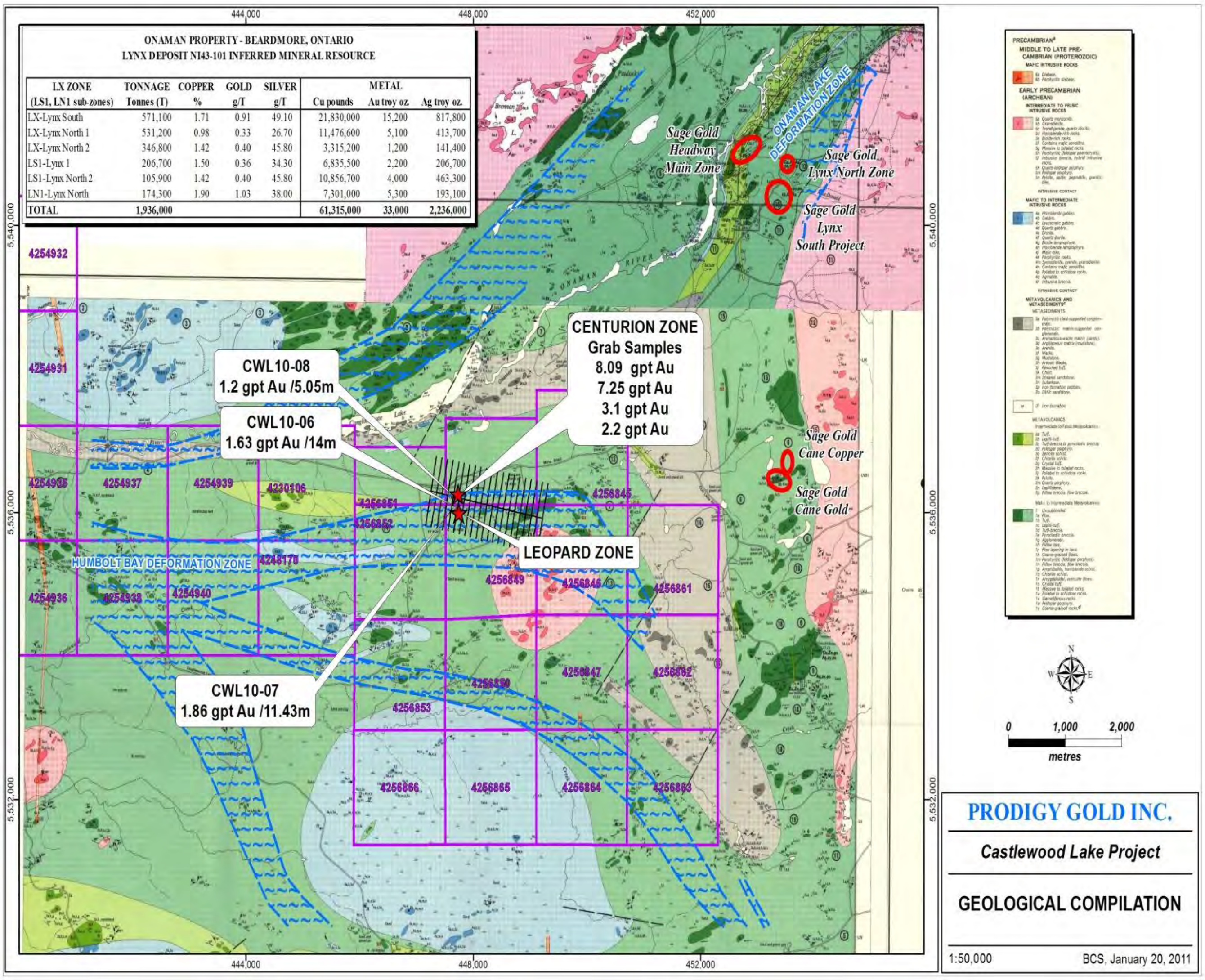
The CWL Project is situated within the Humboldt Bay Deformation Zone (HBDZ), proximal to its intersection with the Onaman Lake Deformation Zone. The HBDZ is an anastomosing high strain zone that trends the full length of the property for approximately 13 kilometers in an east-west direction, as part of a 25 kilometer long deformation zone. Although there has been no historical production from within the HBDZ, the Centurion Zone (Kenty North) and Leopard Zone (Kenty South) represent the most significant gold occurrences to date in the HBDZ.

6.0) Summary of 2009-10 Castlewood Lake Surface Exploration Program

Between September 3 and 16, 2009, Kodiak conducted regional/property wide prospecting and sampling. As a result of encouraging gold results (8.09 g/t Au on grabs) and location of the Kenty North and South historical trenches. Kodiak followed up with a small trenching and sampling program between September 26, 2009 and October 13, 2009. The program focused on the Centurion Zone (Kenty North) and consisted of back-hoe trenching, water-stripping, and detailed grab sampling. A total of 2,278 square meters of overburden was removed with 202 grab samples taken. Approximately 10% of the gold results from grab samples are greater than >3 g/t Au, with assays up to 31.0 g/t Au.

The 2010 surface exploration program was to follow-up on the 2009 program, where significant gold mineralization is recognized. Continued trenching, sampling, and detailed trench mapping was carried out as part of the ongoing exploration program on the Castlewood Lake Project, which also included a 23 kilometer grid, and ground IP and magnetic surveys by Abitibi Geophysics (*1746 Chemin Sullivan, Val D'Or, Quebec J9P 7H1*).

Figure 4 – Property Geology



For this report, the 2010 surface exploration program on the Castlewood Lake Project began on May 15, 2010 and ended on November 4, 2010. The 2010 surface exploration program was initiated to evaluate the potential for gold mineralization in a regional scale within the HBDZ on the CWL Project area, as well as to further defined and expand upon previously located gold targets in the area. The field work was also aimed at discovering new gold-bearing mineralized quartz-carbonate and related shear hosted structures. A table of all personnel involved is presented in Table 5.

Table 3 – 2009-10 Surface Exploration Personnel

Personnel	**Title**	**Domicile**
Stephen Roach	Project Manager	Ottawa, Ontario
Sarah Ferguson	Junior Geologist	Toronto, Ontario
Greg McKay	Junior Geologist	Ottawa, Ontario
Mark Patenaude	Junior Geologist	Ottawa, Ontario
Terry Halverson	Prospector	White River, Ontario
Phil Houghton	Prospector	Beardmore, Ontario
Jim Savage	Prospector	Jellicoe, Ontario
Eric Deroy	Prospector / Geotechnician	Geraldton, Ontario
Andre Gagné	Geotechnician	Geraldton, Ontario
Yvan Morneau	Geotechnician	Geraldton, Ontario

The author supervised the overall prospecting, trenching, sampling, and mapping programs in 2009-10. In 2010, a 23 km grid line was also cut, with follow-up ground geophysical IP and magnetic surveys. Only the western part was grid mapped, covering 7.7 kilometers. The grid consists of a main baseline (L 100+00 N) trending 111º for 2.0 kilometers, with 21 parallel cross-lines spaced every 100 meters. Ground geophysical IP and magnetic surveys were conducted using the grid after completion. The assessment work for both of the geophysical surveys, and the line-cutting has been previously filed (Dubois, 2010).

The author supervised the trenching program and carried out the detailed trench mapping intermittently from May 15 to October 3, 2010 on the Centurion and Leopard Zones, and the Wasp Showing trench and other trenches (Appendix 1). Detailed mapping of the outcrop and other features are in reference from a known Trimble and Garmin UTM base station on each of the trenches. Accuracy is approximately 1 to 4 meters. Compass and a metric measuring chain were used from the base stations and other known points to map geological and other trench features. A GPS Trimble was used to outline all the trenches and calculate the areas. The author, and two junior geologists, Gregory McKay and Sarah Ferguson, conducted 1:5,000 scale grid-mapping intermittently from May 24 to June 2, 2011. The grid mapping covered 7.7 kilometers on the western part of the grid, from Line 95+00 E to partial mapping on Line 101+00 E and 102+00 E.

Terry Halverson and Phil Houghton conducted the 2009 regional prospecting from September 3 to 16, 2009, and detailed sampling on the Centurion Zone trench from September 26 to October 13, 2009. Sample descriptions from their 2009 sampling are presented in

Appendix 2. Terry Halverson and Eric Deroy as well as Jim Savage and Yvan Morneau conducted 2010 regional prospecting intermittently from October 13 to November 4, 2010. Terry Halverson and Eric Deroy also completed detailed grab and channel grab sampling on all the trenches from June 12 to July 8, 2010. The 2010 sample descriptions are presented in Appendix 3.

A total of five (5) back-hoe trenches were completed by Leduchowski Trucking Inc. (*108 First Street North, Geraldton, Ontario, P0T 1M0*). In 2009, trenching of the Centurion Zone was carried out from September 26 to October 9, 2009. The excavator machine used was a wide-pad Volvo 210 (operating weight of 21.5 tons), with a pick capacity of approximately 8 vertical meters and bucket capacity of 0.5 to 1.25 m^3. In 2010, a Linkbelt 210 (operating weight of 22.4 tons) excavator was used from June 2 to July 8, and from August 20, to 22, 2010. The excavator has a pick capability of approximately seven vertical meters and a bucket capacity between 0.65 and 1.5 m^3. A total of 9848 square meters of overburden have been removed, which included some historical excavation and stripping (Table 4).

Table 4 – Trench Data

Trench	**Trench Length (m)**	**Area (m^2)**	**Comments**
Centurion	125	4487	90% to Completely Mapped
Leopard	152	4194	Partially (30%) Mapped
Wasp	38 & 46 (N-S direction)	550	95% to Completely Mapped
Centurion East	43	146	Completely Mapped
Leopard East	45	471	Unmapped

Follow-up surface trench exploration work in the form of water-stripping, and channel cutting was conducted by Andre Gagne, Eric Deroy from September 26 to October 13, 2009 and Andre Gagne and Yvan Morneau intermittently from May 18 to October 1, 2010. A Wajax pump and Honda pump, as well as a mud pump, electric generator, suction hose/fire hose, and all necessary accessories were used to water-strip the rock exposure, and as a result, all the dirt and mud and excess water was removed from the trenches. As a result, the strike length, width, and nature of the mineralized zone was outlined and verified, and grab and channel grabs were subsequently collected. A Stihl TS 400 diamond saw was used along with the appropriate diamond saw blades, and a Honda water pump and garden hose. A diamond saw channel cut varied in width from 2 to 5 centimeters (i.e. average between 3 and 4 centimeters), at a depth between 5 and 10 centimeters (i.e. average between 5 and 6 centimeters). Sample intervals varied from 0.2 meters to 1.0 meters. The channel sampling technique gives a more representative sample of the interval, beneath the zone of weathering. A total of 210.10 linear meters of diamond saw channel cuts and chipping were performed on all the trenches, with 140.45 meters on the Centurion Zone/Wasp Showing and 69.65 meters on the Leopard Zone. Each channel on a particular zone is predominantly spaced every 20 meters, with local variations 10 to 30 meters. A summary of the channel-cutting is presented in Table 5. The author and the junior geologists located, measured, and described each sample interval of the channel, with the GPS Trimble providing the start of the channel (Appendix 3).

Table 5 – Summary of Channel-Cutting

Zone	Channel	Length (m)	Start - UTM East	Start - UTM North
Centurion	CEN-001	19.1	447710.77	5536216.93
Centurion	CEN-001A	17.0	447709.32	5536202.31
Centurion	CEN-002	38.8	447731.46	5536214.08
Centurion	CEN-003	28.5	447755.45	5536195.53
Centurion	CEN-004	11.7	447763.83	5536186.34
Centurion	CEN-005	6.2	447776.69	5536174.31
Wasp	CEN-006	5.4	447688.67	5536251.62
Wasp	CEN-007	7.9	447675.44	5536260.24
Centurion	CEN-008	5.85	447755.16	5536166.96
Leopard	LEO-001	10.2	447714.18	5536063.37
Leopard	LEO-001A	13.1	447710.8	5536052.68
Leopard	LEO-002	11.5	447699.13	5536059.76
Leopard	LEO-003	6.75	447675.62	5536049.68
Leopard	LEO-004	3.10	447648.74	5536041.24
Leopard	LEO-005	7.05	447734.77	5536067.83
Leopard	LEO-006	11.8	447748.87	5536091.64
Leopard	LEO-007	6.15	447767.18	5536095.35
Totals		**210.10**		

7.0) Analytical Quality Assurance and Quality Control

An aggregate total of 1051 samples (includes standards, blanks, and duplicates) were analyzed from this surface exploration program for this report. Samples were analyzed by Activation Laboratories (*217 Round Boul. Thunder Bay On. P7E 6N2),* with samples being delivered periodically by Prodigy personnel to Activation Laboratories prep laboratory in Geraldton (*801 Geraldton Main, Geraldton, Ontario P0T 1M0*). A total of 985 rock samples were analyzed by Actlabs. A total of 66 pulp samples from channels CEN-001 and 001A were selected and sent to ALS Chemex for check re-analysis (*2103 Dollarton Highway, North Vancouver, British Columbia V7H 0A7*). All assay certificates are presented in Appendix 4.

All samples were bagged, and secured with security twist tags in rice bags. The samples were either picked up by Accurassay Laboratory personnel or delivered by PDG's personnel to the Accurassay Laboratories in Thunder Bay. All samples were delivered to Actlabs preparation laboratory in Geraldton. All samples were analysed for gold by fire assay/AAS using a 30 gm charge. A total of two (2) samples from channel CEN-003 were checked using the pulp metallic method. Only samples from Actlabs were tested by ICP-AES using an aqua regia digestion for other elements, including base metals. All analyses are presented in Appendix 5.

Activation Laboratories and ALS Chemex are accredited by the Standards Council of Canada to ISO/IEC 17025 guidelines for gold analysis. Sample preparation, analytical and quality control procedures employed are mutually similar in procedure and are described below (Sections 7.1 to 7.6).

7.1) Sample Preparation

Once the samples have been received, they are entered into the Actlabs Quality System and ALS Chemex Quality Management System and given an internal sample control number. The samples are then checked for dryness prior to any sample preparation and dried if needed. The samples are then crushed to 90% -10 mesh and split into 250 to 450 g sub-samples using a Jones Rifler. These sub-samples are then pulverized to 90% -150 mesh using a ring and puck pulverizer and homogenized prior to analysis. Silica cleaning between each sample is also performed to prevent any cross contamination. Random screen analysis is performed daily to check for attainable mesh size.

7.2) Gold Analysis

All gold analysis is performed at a 30 gm charge by fire assay using lead collection with a silver inquart. The detection limit is 5 ppb. The beads are then digested and an atomic absorption finish is used.

7.3) Gold Pulp Metallic Analysis

Pulp Metallic analysis includes the crushing of the entire sample to a 150 mesh sieve and using a Jones Rifler to split the sample to a 1 kg sub sample. The entire sub sample is then pulverized to 90% -150 mesh and subsequently sieved through a 150 mesh screen. The entire +150 portion is assayed along with two duplicate cuts of the -150 portion. Results are reported as a calculated weighted average of gold in the entire sample.

7.4) Multi Scan Analysis (ICPAR)

Multi Scan Analysis can be performed with either an aqua regia (ICPAR) or multi acid digest (ICPMA). Both packages use an ICP finish.

7.5) Laboratory Quality Control/ Quality Assurance (QC/QA)

Certified standard and blank assays are run with each batch of samples. In addition, a replicate assay is run on every 5 to 10th sample for Actlabs. This procedure is used for checking the reproducibility of the assays. A non-reproducible check assays are an indication of nugget problems within the sample and both laboratories recommend that further analysis be performed to generate a better representation of the sample.

All standards run are graphed to monitor the performance of the laboratory. Actlabs warning limit is two (2) times the standard deviation and our control limit is three (3) times the standard deviation. Any work order with a standard running outside the warning limit will have selected re-assays performed, and any work order with a standard running outside the control limit will have the entire batch of samples re-analysed.

All QC/QA data run with each work order is kept with the clients file. If desired, the client may have all the blanks and certified standards reported on a certificate to correspond to the client's samples. All quality control graphs are available upon request.

The laboratory also keeps daily log books for the sample throughput. These logs record all information pertaining to; 1) who performed the analysis, 2) when the analysis was done, 3) how the analysis was performed, and 4) what other sample were analyzed at the same time. This is done to help eliminate the possibility of misrepresentation and cross-contamination of the client's samples.

Activation Laboratories AA and ICP instruments are calibrated using ISO traceable calibration standards and our quality control standards are created from separate stock solutions. Their instruments are directly tied to their quality control program eliminating the need for manual data entry, hence, reducing human error.

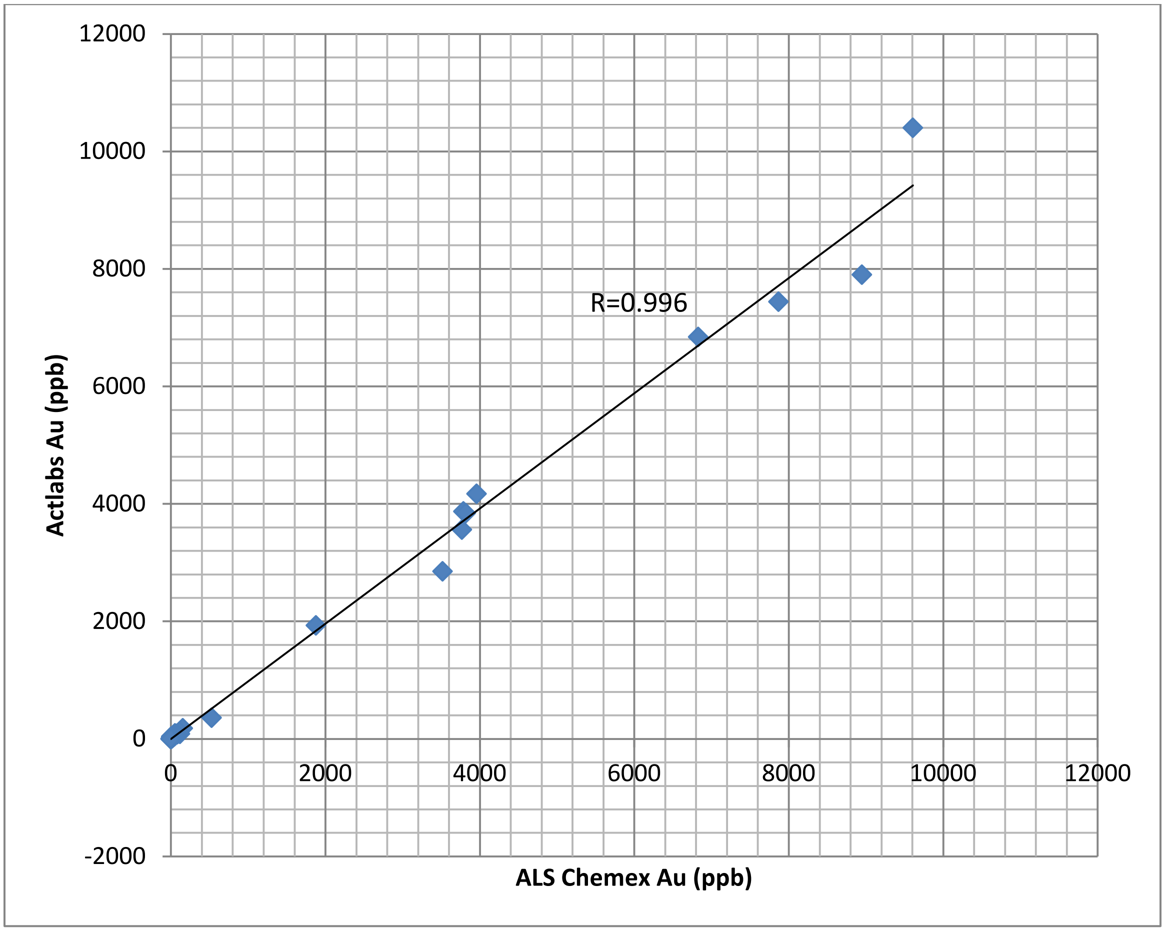
PDG also inserted sample duplicates, standards and blanks at regular intervals into sample batches as described above. The author believes that the results of sampling and analysis of core samples collected during this program reliably reflect the nature of mineralization observed.

7.6) Discussion of Check Re-Analysis

A total of 66 pulp samples from channels CEN-001 and 001A were selected and sent to ALS Chemex for check re-analysis and verification of Actlabs results.

Linear regression R-values clearly indicate that both sample sets show are strong linear correlation (R=0.996), with very little variance (Figures 5). Thus, high R-values suggest that the ALS Chemex gold results are compatible and reproducible with those of the Actlabs gold results.

Figure 5 – R-Linear Regression Plot of Actlabs and ALS Chemex Gold Analyses from Channels CEN-001 and 001A



8.0) Discussion of Results from 2009-10 Surface Exploration Program

8.1) Geology

The following is a synopsis of major rock types, structure, mineralization, and alteration encountered as a result of detailed trench mapping at 1:500 scale, as well as geological mapping and sampling of the trenched areas, and immediate surroundings. A geological map of the Centurion and Leopard trench and surrounding area is presented at a scale of 1:500, is presented in the Appendix 1. All sample descriptions are presented in Appendices 2 and 3 and maps in Appendix 5 and 6.

The following briefly summarizes the geological and assay results from the 2009-10 trenching and sampling program.

8.1.1) Lithology and Alteration

Mafic Metavolcanics

The mafic metavolcanics on the property are part of the Willett Assemblage that extends for 85 kilometers and is up to 5 kilometer thick, which is part of the Onaman-Tashota Greenstone Belt. The mafic litho-stratigraphy in the Castlewood Lake area follows the east-west HBDZ, with arcuate northeasterly and southeasterly trends to the east of the project area. The mafic metavolcanics predominantly classify as calc-alkaline basalts and andesites (reworked volcaniclastic/epiclastics) with iron to magnesian-rich tholeiitic basalts (flows/flow equivalents) (Amukun, 1980). Massive flows are prominent in the trench area with pillow flows, although variolitic flows have been recognized locally.

The mafic metavolcanics is the predominant underlying rock type accounting for approximately 80% of the map area. The apparent thickness is approximately 1.2 kilometers as a result of the folded nature of assemblage. The mafic metavolcanics have undergone varying degrees of deformation and hydrothermal alteration. Clastic and chemical metasediments and re-worked mafic volcaniclastics occur frequently as thin, inter-formational units within the mafic pillowed flows.

The fresh surface color of the mafic metavolcanics vary from light to dark green and greenish black with a weathered surface of brownish to black-green colors. The mafic rocks consist mainly of very fine to fine-grained massive flows with pillow and to a lesser extent variolitic flow varieties. The unaltered mineralogy (hydrothermally unaltered) assemblage consists of a granular aggregate of amphibole (hornblende) + plagioclase feldspar + chlorite + biotite/muscovite + epidote-clinozoisite ± carbonate ± titanite ± leucoxene ± magnetite ± sulphides. There is moderate to strong hydrothermal alteration reflected by chlorite, biotite, and carbonate alteration of the ferromagnesians and feldspar, particularly in the strongly deformed mafic metavolcanics. The alteration is pervasive as very-fine grained mineralogical aggregates, as well as carbonate joints, fractures, and shear planes. Silicification of mafic metavolcanics occur proximal to the gold-bearing shear structures.

Massive mafic flows are the most prolific flow type in the trench area. These flows are predominantly found in the Leopard and Wasp trench areas, as well as on the eastern part of the Centurion and other trenches in the map area. They are commonly very-fine to fine-grained, exhibiting a massive appearance. Massive flows can also be found intercalated with the pillow flows.

Pillow flows are dominant on the in the Centurion trench, often intercalated with massive flows. Local pillow flows have been observed in the other trenches, including the Leopard trench area. Pillows are between 0.30 m and 1.0 in length, commonly attenuated due to shearing. They are tightly packed, especially in the more deformed areas. The thin pillow selvages are composed of aphanitic chlorite, feldspar, epidote, and carbonate. Pillows are best preserved on the southern part of the Centurion trench, as oblate features with well preserved chilled margins and pillow selvages. The sense of younging tops from pillow indicators is to the north, complementing the regional indicators.

Local variolitic flows have been observed only on the northwestern part of the Centurion trench. They are commonly composed of 10% to 20% medium to coarse (≤ 0.5 cm) rounded albite variolites in a very-fine grained ferromagnesian matrix. This thickness of this unit is unknown.

Although not prolific, mafic volcaniclastics do occur principally where there are clastic metasediments in the four exposed trenches. They are difficult to distinguish, as they commonly occur in the more deformed parts of the shear. Mafic volcaniclastics are a result of reworked mafic flows and show gradational contacts with the surrounding mafic flows. Because they are strongly sheared and altered, relict bedding is poorly developed

Clastic/Chemical Metasediments

Clastic metasediments have been observed in all the trenches as a series of discontinuous units and are closely associated with mafic volcaniclastics. They form as inter-formational units within the mafic metavolcanics and comprise of 5% of the rocks underlying the map area. The clastic metasediments have a strike length of no more than 15 meters and are up to 5 meters thick in fold flexures, but are commonly 0.30 meters to 1.5 meters thick. The discontinuity and thickness variance indicates that the clastic metasedimentary horizons have undergone intense structural deformation and alteration, resulting in boudin-like lenses.

The clastic metasediments are generally arenaceous and argillaceous, and are intimately associated with mafic volcaniclastics. Both the arenaceous and argillaceous metasediments commonly weather to a greenish gray/gray and rusty/buff brown color, respectively. The arenaceous metasediments are primarily composed of quartz + plagioclase feldspar ± biotite ± carbonate ± chlorite ± magnetite, whereas the more argillaceous units are primarily composed of chlorite + plagioclase feldspar ± biotite ± carbonate ± magnetite ± graphite ± pyrite/pyrrhotite. Both have undergone variable, weak to strong hydrothermal alteration with silicification in the arenite and chlorite and carbonate alteration in the argillite. Relict bedding has been preserved locally, where structural deformation (i.e. shearing) and alteration are weakly developed.

Two chemical metasedimentary horizons have been recognized. The first one is located in the Centurion Zone trench and is exposed for approximately 40 meters. It is transitional to the east along strike from the clastic metasediments/volcaniclastics. This may be the folded and faulted extension the chemical metasedimentary unit exposed on the Leopard Zone trench. Thickness is up to 5 meters. On surface, it weathers rusty brown and has a creamy brown to brownish-gray fresh surface color. This unit has undergone strong alteration with pervasive sericite-silicified-carbonate and local black graphite. It is well mineralized with very-fine grained sheared and sheared controlled disseminated pyrite and pyrrhotite up to 15%. The sulphides also occur as fracture-filling. No primary bedding structures have been recognized. The second occurrence is located on the Leopard trench and is approximately 30 meters long and up to 5 meters thick. It is black to dark gray to greenish black in color. It is a lean silicate to oxide facies banded iron formation with alternating banded/laminated silicified chert, chloritic-(carbonate) altered mafic volcaniclastic, and massive to strongly disseminated magnetite bands. Although strongly sheared, primary bedding is well preserved. The cherty bands commonly have disseminated pyrite varying < 1% to 5%.

Mafic Intrusives

The mafic intrusives that have been recognized are typically gabbroic in composition. Although some cross-cutting relationships with the mafic metavolcanics have been recognized, these bodies have undergone deformation and to some degree hydrothermal alteration. These bodies may be related to the Castlewood Creek Intrusion, as Amukun (1980) has described this intrusion more altered. The plagioclase feldspars have been extensively altered to sericite and saussuritized and there is an increase in the modal abundance of actinolite and hornblende (Amukun -1980).

Although not entirely mapped, the more extensive gabbroic body has been recognized in the Leopard Zone trench through channel sampling. This body is at least 50 meters long and up to 5.0 meters wide. It is dark green to greenish black in color, and is mafic to ultramafic in composition, being a melanocratic gabbro to lamprophyre. The original ferromagnesian mineralogy (pyroxene and amphibole) has been altered to variable degrees of chloritic, carbonate, and hematite alteration. Fine to coarse grained (up to 4 mm) biotite (10% to 25%) and chloritic altered amphiboles are prominent giving this body a porphyritic texture. The body has undergone locally, strong shearing and alteration along its margins. This may indicate that this body had undergone structural deformation as well as hydrothermal alteration.

The remaining gabbroic bodies are leucocratic, forming relatively thin (<1.0 m. wide) and discontinuous bodies (up to 10 m. long) on the Centurion Zone trench. However, cross-cutting relationships with the mafic metavolcanics have been recognized, particularly in the southern part of the trench. Well developed buckled and folded and unaltered gabbroic lenses are recognized in the northern part of the trench, indicating pre-deformation and post-hydrothermal alteration.

Felsic to Intermediate Porphyritic Intrusives

Felsic to intermediate bodies are prominent in both the Centurion and Leopard Zone trenches. They form up to 30 meter long and up to 2.0 meter wide bodies that are structurally deformed, as reflected by their boudinage configurations. They are commonly feldspar and quartz-feldspar dyke or sill-like bodies. They are commonly grayish-white, pink, and pinkish-white colors and felsic to intermediate in composition. There are 10% to 35% fine to medium-grained (≤ 0.30 cm in size) albite and potassic feldspar (?) and up to 5% quartz phenocrysts set in a very-fine-grained quartz-feldspathic matrix, reflecting a well developed porphyritic texture. Ferromagnesians are < 5%.

These porphyry bodies have undergone the structural deformation (buckled and folded) and cross-cutting relationships with clastic metasediments have been recognized in the northern part of the Centurion Zone trench.

Felsic to Intermediate Intrusives

These intrusives have been recognized on both the Centurion and Leopard Zone trenches, with the most prominent body being intersected in drill hole CWL10-08. Although not entirely mapped in the Centurion Zone trench, these felsic to intermediate bodies may be related to a granodiorite to quartz monzonite body located in the eastern part of the Castlewood Lake Project. Amukun (1980) has reported that these rocks are similar in mineralogical and chemical composition and texturally to the tonalite of the Onaman Lake Batholith (ca 2,768 to 2,777 Ma).

The felsic to intermediate intrusives recognized in the trenching program are felsite and may represent the fine-grained margin of a larger intrusive. The felsite occur as dyke-like bodies that cross-cut sheared and altered mafic metavolcanics. The weathered and fresh surface colors vary from pinkish-brown to pinkish gray. It is very-fine-grained, being aphanitic and has a massive appearance being moderately sheared. It is strongly silicified or kspar altered, with variable ankerite and dolomite carbonates. Local areas on the Centurion Zone trench show abundant quartz veining within the felsite and surrounding altered and sheared mafic metavolcanics. Although younger, the felsite has undergone structural deformation (more brittle deformation) and alteration, and does contain some sporadic, anomalous gold values up to 1.52 g/t.

A major granitic/quartz monzonite body was intersected from 359.4 to the end of drill hole CWL10-08, at 452.0 m, located south of the Leopard Zone trench. It is commonly pink, pinkish-red, and pinkish gray in color. It is felsic in composition with >20% quartz in a very fine-grained quartz-kspar matrix with variable hematite. The upper contact is a very-fine grained felsite and is interpreted as a very-fine-grained chill margin about the main body. This body coincides with a low magnetic feature, which can be extended to the east and west.

8.1.2) Structure

Rocks underlying the trench area of the Castlewood Lake Project lie within an easterly trending, regional Humboldt Bay Deformation Zone (HBDZ) that extends for at least 25 kilometers. The eastern part of the property lies in the area at the intersection of the Onaman Lake and Humboldt Bay Deformation Zones. This may represent a larger fold closure or two different aged deformations.

Bedding is best preserved in the clastic metasediments and mafic volcaniclastics. Compositional banding, laminations, and bedding (S_0) defines primary bedding. Although the mapping on the Leopard Zone trench remains incomplete, S_0 exhibits a highly variable west-northwest to west strike and steep northerly dip (average strike/dip is 270º/78º N). The wide variation in strike is due to folding. Locally, there are sub-vertical, southerly dips rolling 68º to 83º along flexures.

The sense of younging tops from mafic pillow flows, particularly in the Centurion Zone trench, indicate younging northwards. This complements the regional indicators.

Foliation, Lineation, & Folding

A well developed penetrative, foliation (S2) overprints the more ductile rock types, mafic metavolcanics and clastic/chemical metasediments. S2 is defined by the sub-parallel of platy minerals, such as phyllosilicates. On the Centurion Zone, the fabric forms a locally prominent intersection lineation with compositional layering, and is interpreted as axial planar to the folding (Barclay, 2010). However, it has been recognized that there is a fabric that sub-parallels to parallels bedding and its flexures, particularly along the southern limb of the Centurion Zone. There are variable trends in the foliation ranging from 238º to 329º, dipping steeply to the north between 66º and 90º N, and with local southerly dips between 67º and 85º S. The lineation plunges sub-parallel to the axes of small scale folds on the Centurion Zone and stereonet data for both fold axes and intersection lineations exhibit a tight cluster centered at a trend and plunge of 270 → 63º (Barclay, 2010). This complements well with measured intersecting lineations on the Centurion Zone. Cm-scale kinematic indicators (S-C fabric relations, oblique shear folds) tentatively indicate a dextral component of apparent displacement in plan view and subsequently, all units across the setting (except gabbro dykes?) including the shear zones and veins within them, were buckled during the main fold event (Barclay, 2010). The dip-slip component is unknown. Fold style is variably symmetric to asymmetric, with local Z-shapes in an overall W or M - shaped fold pattern evident.

Structural data is incomplete on the Leopard Zone, although the measured intersecting lineation is consistently plunging 260º to 283º → 59º to 81º, averaging 270º → 67º. This matches both measured and stereo-net data on the Centurion Zone, and reflects the same fold patterns and shear sense indicators.

Faults & Structural Lineaments

There are a number of younger, faults that cross-cut all rock types in the trench area. These structures are reflected in the horizontal displacement of lithological units or horizons and as fractures and joints. There are two trends; 1) 300º to 330º, and 2) 060°.

There are four major fault structures that trend 300º to 330º in the Centurion, Leopard, and Wasp Zone trench areas. All four are steeply dipping (80º) to the northeast to vertical dipping, and show dextral movement. Displacement varies from no horizontal movement to < 1.0 meter. Vertical displacement is unknown. These structures have been recognized as linear, recessive, fracture features on surface, composed of sheared and altered wallrock. Thin gouge and tight shearing within the fault and its margins is prominent. Fracturing is commonly sealed with < 1% to 3% quartz-carbonate stringers. These structures have cross-cut all rock types, including the sheared and altered metavolcanics, metasediments, and felsic to intermediate porphyries. They are interpreted as post- alteration and deformation structural features.

The other structure is located on the southeastern part of the Centurion Zone trench, and trends approximately 240º, dipping 67º NW. No significant horizontal displacement has been observed. Most of the structure has been filled in with a late, thin, cross-cutting gabbro dyke.

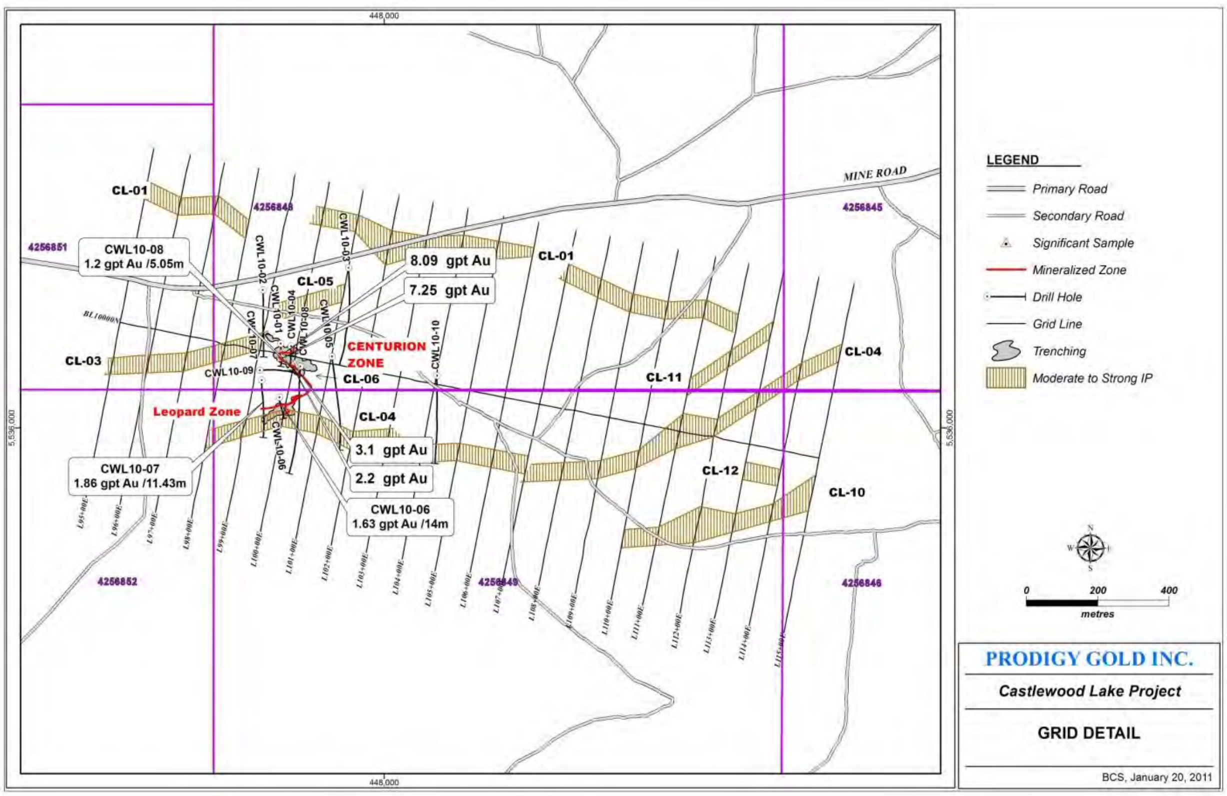
8.1.3) Mineralization

The trenching programs in 2009-10 were initiated on known historical workings and strong chargeability IP responses. The programs were successful in outlining the complex geometry of the gold-bearing mineralization on the Centurion, Leopard, and Wasp trench areas. Also, trenching allowed Prodigy to gain full geological, and geochemical insight of the control mechanisms to the gold-bearing structures, and possibly apply it elsewhere on other targets on the Castlewood Lake Project.

The sulphide mineralization is primarily hosted in a variety of sheared and altered mafic metavolcanics and metasediments. The host rocks have undergone strong deformation that is located and coincides with the HBDZ. Pyrite is the dominant sulphide with the sulphide mineralization consisting of very to fine grained pyrite ± pyrrhotite ± molybdenite ± sphalerite ± chalcopyrite ± native gold. Pyrrhotite was only observed in the sericitic-silicified-carbonate-(graphitic) altered argillaceous chemical metasediment in the Centurion Zone trench. Chlorite, biotite, quartz (silicification – silica flooding/veining), carbonate, and to a lesser degree sericite are the most prominent alteration minerals. The sulphides typically occur as disseminations, as well as fracture-filling. Gold content increases with increased pyrite content (5% to 30%) in silicified/silica-flooded and/or quartz-(carbonate) stockwork zones in local parasitic fold flexures, particularly in the Centurion Zone.

The strong chargeability IP response in IP zone CL-06 over the Centurion Zone trench is explained by the sulphide-rich, altered, argillaceous chemical metasediments hosting disseminated pyrite and pyrrhotite and graphite. The strong response from IP zone CL-04 is located on the footwall side of the gold-bearing mineralization of the Leopard Zone, diverging from the structure to the east. However, the strike and down-plunge extension of Leopard appears to intersect IP zone CL-04 on Line 99+00 E, with a strong chargeability. The strong chargeability IP response from IP zone CL-03 on Line 99+00 E coincides to the footwall edge of the Wasp Zone trench area. However, the sulphide content in the quartz stockwork and trenching to the south of the Wasp Zone does not explain the strong chargeability IP on surface, but explains a deeper, stronger sulphide source, as indicated by the sulphide and veined intersections between 236.9 and 295.6 m in drill hole CWL10-02. The trench, geophysical, and drilling is presented in Figure 6. Two significant gold-bearing structures (may be folded part of one) are described below. Two significant gold-bearing structures (may be folded part of one) are described below.

Figure 6 – Trench, IP Geophysical, Drilling Compilation



Centurion Zone and Wasp Showing

Trenching on the Centurion Zone started in September, 2009 and was completed in July, 2010. The focus was to verify and extend known historical gold mineralization, previously documented as the Kenty North Showing or Occurrence. The Centurion trench consists of the folded Centurion Zone, which has an exposed strike length for approximately 135 meters, and is up to 7.0 meters wide. The folded extension of this structure appears to strike towards the Wasp Showing to the northwest and the Leopard Zone to the south.

The Centurion Zone is characterized by a folded quartz-(carbonate) structure that predominantly follows sheared and altered inter-formational clastic metasediments, as well as mafic metavolcanics. There are two main limbs with an east-northeast (North Limb) and west-southwest (South Limb) trending limbs. Gold-bearing mineralization is associated with pyritic, quartz-(carbonate) veining and silicified altered wallrock, particularly along flexures in the folds. Veining and silicified altered wallrock may vary from 15% to 55%, with increased pyrite concentrations typically ranging from 5% to 30%. Pyrite occurs as disseminations and as fracture-filling. A speck of very fine-grained native gold was observed on channel CEN-004, between 23.8 and 24.35. Significant gold mineralization from channel sampling is located on channels CEN-001, 001A, and 003, reflecting the flexured and folded areas of the Centurion Zone (Table 6).

The Wasp Showing is located 30 meters to the northwest of the Centurion Zone and is thought to be the folded, westerly, strike extension of the Centurion Zone. It is characterized by two folded and flexured quartz-carbonate structures that have been outlined for approximately 10 to 15 meters within the trench area. Thin quartz-(carbonate) veins, ranging from 0.4 to 0.8 meters wide, are enveloped by broader quartz-carbonate stockwork up to 1.5 meters wide. There are 10% to 40% weak to moderately chloritic mafic metavolcanic inclusions and/or septa in the veins and stockwork. Silicified alteration is generally weak, but locally strong. Chlorite and carbonate alteration is ubiquitous to the altered wallrock inclusions. Pyrite is occasional and generally < 1%, localized to fractures and silicate seams in the vein/veinlets. No significant gold assays were returned from the channels of the Wasp Showing (Table 6). Plan maps of the grabs and channels are presented in Appendix 6.

Leopard Zone

The Leopard Zone is located between 60 and 125 meters south of the Centurion Zone, and is interpreted as the southern, fold extension of the Centurion Zone. Trenching on the Leopard Zone started in June, 2010 and was completed in August, 2010. The focus was to verify and extend known historical gold mineralization, previously documented as the Kenty South Showing or Occurrence. The Leopard Zone is relatively more linear than the Centurion Zone and has been outlined for approximately 120 meters, displaying some flexures. There is a transitional boundary along strike with a more quartz-carbonate stockwork in the eastern part of the trench grading into more chlorite-carbonate-sericite-silicified shear with quartz-carbonate stockwork lenses in the western part of the trench. Quartz-stockwork structures generally occur as boudinaged lenses with limited strike lengths between 3 and 15 meters. The thickest quartz stockwork is located in the eastern part of the zone and is up to 3.0 meters wide. Unlike the geometry of the gold-bearing mineralization of the Centurion Zone, significant gold mineralization encompasses strongly sheared and altered wallrock (mafic metavolcanics) with little quartz-carbonate veining (<2%). Quartz-carbonate veining may vary from < 2% to 25%. Strong, intense, and pervasive sericite-quartz-chlorite-carbonate alteration containing disseminated pyrite up to 25% hosts low-grade gold mineralization over wider berths (Table 5). The gold results from channel LEO-002 and the drill intersection from CWL10-07 (section from 114.3 to 125.7 m. returned 1.86 g/t Au over 11.4 meters, including 4.73 g/t Au over 3.4 meters) substantiate this observation (Table 7). Pyrite occurs as disseminations and as fracture-filling. Plan maps of the grabs and channels are presented in Appendix 6.

Table 6 – Summary of Gold Intercepts from Centurion and Wasp Zone Channels

Channel	*From*	*To*	*Width*	*Au (g/t)*	*Description*
CEN-001	15.50	16.95	1.45	6.94	Quartz Carbonate Stockwork (Inter-formational Arenaceous Clastic Metasediments) – moderate to strongly silicified, 20% to 30% qcs, 2% to 15% py
CEN-001A	1.75	5.40	3.65	4.05	Quartz Carbonate Stockwork (Mafic Pillow Flows) – strong pervasive silicification, 15% to 25% qcs, 2% to 15% py
Including	3.10	4.65	1.55	6.53	
Including	3.60	4.65	1.05	7.66	
CEN002	27.90	30.90	3.00	1.82	Quartz-Carbonate Stockwork (Mafic Pillow Flows) – strongly sil and chl; 10% to 50% qcs/qcv, 5% to 15% py as disseminations and as fracture-filling in vein
Including	27.90	28.50	0.60	4.32	
CEN-003	23.20	24.35	1.15	6.57 (3.75)	Quartz-Carbonate Stockwork – moderate to strong sil with chl along shears, 5% to 55% qcs/qcv, 10% sh controlled vfg py and spec of VG (duplicate in brackets)
Including	23.80	24.35	0.55	13.70 (7.50)	Quartz-Carbonate Stockwork – moderate to strong sil with chl along shears, 55% qcs/qcv, 10% sh controlled vfg py and speck of VG (duplicate in brackets)
CEN-004	2.70	7.30	4.60	0.92	Strong Sheared Mafic Pillow Flow Breccia/Flow Breccia – strong pervasive sil-cb, strongly sheared, <1% qcs, up to 1% py and strongly magnetic
CEN-005				NSA	No significant values in felsite with up to 0.29 g/t Au over 0.60 m in sheared mafic massive or pillow flow
CEN-006				NSA	No significant values with 0.22 g/t Au over 0.40 meters in silicified mafic volcaniclastic with 5% to 15% qcs, up to 1% py
CEN-007				NSA	No significant values with 0.17 g/t Au over 0.5 meters in argillite with 5% qcs and 5% disseminated py
CEN-008	2.00	2.55	0.55	1.64	Quartz-Carbonate Stockwork – strong sil-cb with local chl, 255 to 30% qcs, 5% to 10% disseminated and fracture-fill py

NSA = No Significant Assays

Table 7 - Summary of Gold Intercepts from the Leopard Channels

Leopard Channel	From	To	Width (m)	Au (g/t)	Description
LEO-001	2.60	9.45	6.85	0.85	North Limb - Quartz-Carbonate Stockwork & Sheared Mafic Volcaniclastic and FP – strong sil-chl-cb, < 10% py
LEO-001A	8.10	12.30	4.20	0.585	South Limb – Quartz-Carbonate Stockwork and Sheared Mafic Flow/Volcaniclastics and Felsite – strong varying sil-chl-cb with ser, buckled and folded qcs up to 25%, <5% py
LEO-002	3.25	11.10	7.85	1.48	Silicified-Chlorite-Carbonate Sheared Mafic Flow/Volcaniclastics – strong sh controlled sil and chl.cb and sh, <5% qcs, up to 25% py
Incl.	5.90	6.85	0.95	3.94	Silicified-Sericitic Shear – strong sil-ser and sh, up to 5% qcs, 5% to 10% diss. py
LEO-003	2.65	3.80	1.15	3.60	QTCSW – both strong chl-bio and strong sil flood and 20% qs/qcs, up to 15% py
LEO-004				NSA	Chlorite-Biotite-Carbonate Shear – strong chl-bio-cb and sh, up to 1% py
LEO-005	1.00	5.55	4.55	1.69	Quartz Stockwork & Sheared and Silicified Mafic Pillow Flow – strong sil and sh with up to 25% qs, up to 15% disseminated py in sections
Incl.	4.35	5.05	0.70	3.19	Chlorite-Carbonate-Silicified Shear
LEO-006	0.85	1.15	0.30	4.71	QTCSW – strong fractured controlled sil along fract, 20% to 25% qcs/qs, buckled and folded vns, 5% py,
LEO-007	3.85	5.20	1.35	1.72	Sheared Mafic Volcaniclastic/Felsite – strong sil with kspar alteration, 1% to 5% qcs, 5% to 40% disseminated pyrite

NSA = No Significant Assays

9.0) Discussion of the 2009-10 Prospecting and Sampling Programs

The purpose of the two-phase 2009-10 prospecting programs was to evaluate and assess regional structures, particularly the HBDZ. This exploration work was also initiated to verify and expand documented historical showings and zones, as well as follow-up and explain the nature of the moderate to very strong chargeability zone and magnetic anomalies. Sample descriptions are presented in Appendix 2 and 3, with regional prospecting maps and tracks in Appendix 5.

The initial prospecting in 2009 confirmed and verified historical trenches and gold mineralization of the Centurion Zone (Kenty North) and the Leopard Zone (Kenty South). The first phase of prospecting started on September 3, 2009 and ended on September 19, 2009. Prospecting confirmed the presence of gold mineralization on the Centurion Zone with values up to 8.09 g/t Au in grabs alongside one of the historical trenches. Gold mineralization is associated with strongly pyritic (up to 40%) mineralization in a sheared and silicified altered arenaceous clastic metasediment. The host rock is cross-cut by 20% to 25% quartz-(carbonate) stringers. Gold values up to 1.69 g/t Au on grabs were returned from the Leopard Zone. Gold mineralization is associated with a sericitic-chloritic altered lean silicate BIF hosting 2% scattered pyrite. Prospecting to the east the Centurion and Leopard Zone along the HBDZ uncovered locally thin chloritic-carbonate altered shears and quartz-carbonate veins and veinlets cross-cutting mafic metavolcanics. Generally, alteration and structural deformation was weak with < 1% pyrite, locally up to 3% to 5% pyrite. No significant gold values were returned. Prospecting to the west uncovered part of the HBDZ as a 210 meter wide shear approximately 2.7 kilometers west of the Centurion and Leopard Zones. Prospecting covered a strike length of 380 meters and a number of historical pits were located. Strongly silicified and sericitic alteration is predominant in the shear with chlorite-carbonate alteration hosted in both mafic and felsic metavolcanics, and felsic to intermediate porphyry rocks. Pyrite varies in concentration from < 1% to 20%, with increased sulphides (pyrite and pyrrhotite) from a number of samples taken from the historical trenches. No significant gold assays were returned from this area.

The second phase of sampling was completed from September 30 to October 14, 2009. Sampling focused only on the Centurion Zone trench, with ongoing trenching. There are a number of strongly sheared, and fractured, altered, & well mineralized clastic/chemical metasedimentary inter-formational zones within the mafic metavolcanics. These zones/horizons strike between 75º and 90º, dipping steeply to the north, and have been folded/flexure to the southeast. Plunges are steep to the west between 70º and 85º. Trenching has outlined 3 folded, highly altered and mylontonized zones between 60 and 135 meters, and are up to 6 meters wide in the parasitic fold hinges. The mineralized zones are consistently 2 to 3 meters wide and have been altered to quartz (silicified) ± chlorite/biotite-carbonate ± sericite. Sulphide mineralization consists of 5% to 40% disseminated and fracture-fill pyrite with pyrrhotite, sphalerite, chalcopyrite, and molybdenite being also observed. There are implications that the gold mineralization may be strata-bound. Approximately 10% of the gold results from grab samples are greater than >3.0 g/t, with assays up to 31.0 g/t Au.

In 2010, sampling continued with the on-going trenching program over the Centurion Zone and Leopard Zone. A number of other trenches were completed in order to explain IP chargeability zones. The sampling program was carried intermittently from June 12 to September 9, 2010. Trenching and sampling from the Centurion Zone did extend the flexure of the southern limb another 20 meters along strike. The most significant gold result was returned from this area with a value of 37.6 g/t Au in a grab. It is hosted in a sheared and fractured (10% to 20% quartz-carbonate stringers) massive mafic metavolcanic. It has undergone variable silicification and chlorite-carbonate altered. There is 20% to 30% fractured controlled pyrite. Sampling on the Leopard Zone confirmed high-grade gold mineralization enveloped by lower grade gold mineralization. The most significant gold assay from a grab sample on the Leopard Zone returned 22.90 g/t Au, 52.1 g/t Ag, and 0.03% Mo from a quartz-(carbonate) stockwork lense. Samples of up to 0.08% Mo have been returned. The wallrock is strongly silicified-carbonate altered, and hosts 20% to 30% fracture-fill pyrite. The broader envelope of gold mineralization is associated with strong, intense, and pervasive sericite-quartz-chlorite-carbonate alteration hosting disseminated pyrite up to 25% hosts low-grade gold mineralization with little in the way of quartz-carbonate veining (<2%).

Prospecting focused on variable weak to strong chargeability zones as well as magnetic anomalies and breaks, starting from October 12 to November 4, 2010. The results from the prospecting are summarized below.

IP chargeability zone **CL-03**…no outcrop exposure with mixed forest cover on till

IP chargeability zone **CL-04** strikes for 1.7 km, trending E-W, with a significant 065º trend (flexure) on the eastern end of the zone. It varies from a moderate to strong chargeability, with a strong magnetic response. IP chargeability zone CL-04 between L 104 E and 108 E is in a spruce swamp. The prospecting managed to expose a small area between L 106 E and 107 E on a winter road bed, and uncovered weakly sheared light brown feldspar porphyry. The samples are weakly cb altered and contained trace magnetite, and about 0.5 % fine disseminated pyrite. From L 112 E to the northeast, there is fairly good bedrock exposure (up to 100 meters wide), and one can follow the conductor on strike off the grid to the east. Multiple zones of sheared iron formation and mafic metavolcanics are partially exposed. The rocks have undergone strong chloritic and sericitic alteration, with silicification, as multiple zones of brown-reddish stained quartz-feldspar porphyry and quartz stockwork. Sheared mafic metavolcanics with up to 15% sulphides were also noted and sampled. The prospectors have collected approximately 30 grab samples over a strike length of about 400 meters. The most significant gold value from grab samples is up to 0.49 g/t Au.

IP chargeability zone **CL-09 and CL-10** has limited bedrock exposure. On CL-10 three sample tags from the 2009 prospecting program were noted, G26735-37 (<5 ppb Au). Samples were taken on a narrow QV, within feldspar porphyry. The shearing and alteration are weak in this area. No significant gold values were attained on these zones

IP chargeability zone **CL-12** is in a spruce swamp, with no exposure.

IP chargeability **CL-02** has no outcrop exposure. There is a mixed forest cover on glacial till.

IP chargeability **CL-01** has no bedrock exposure east from L 102+00 E with a mixed forest cover in sand and gravel eskers.

IP chargeability **CL-11** is located in a spruce swamp with no bedrock exposure. Prospecting located and sampled a minimum 3 meter wide quartz stockwork within a fractured reddish-brown stained QFP to the north of CL-11 and south of CL-04. Prospecting also located a rusty shear in a very-fine grained felsic intrusive (1.5 meters wide). The shear and dyke are both on strike and to the north east of CL-04 and CL-11 (east of L 115+00 E). An old drill collar (AQ?) was also noted at 5536663 N/450105 E, with an azimuth of 283º. No significant gold values were returned.

10.0) Conclusions

The surface program was successful in establishing better continuity in gold-bearing mineralization along strike and a better understanding of the complex nature of the structural and lithological controls. Results from the Centurion Zone confirmed narrow high grade gold mineralization, whereas the wider, lower grade gold mineralization with higher-grade cores were encountered on the Leopard Zone. The remaining trench targets returned disappointing gold values. Gold mineralization in the Centurion Zone appears to be strata-bound and folded, and not axial planar to the folds. The Leopard Zone is characterized by a more attractive gold target, due to its more linear and continuous nature down-plunge along a westerly strike, and thus axial planar. Also, gold mineralization from the drilling of the Leopard Zone was outlined for at least 100 meters, and is open along strike and down-plunge to the west, with little evidence of historical drilling. This drilling program also confirmed that gold mineralization is spatially associated to IP chargeability zones to a certain degree. There is more of a direct correlation between the more pyritic veined/silica-flooded zones and gold, rather than the sulphide-rich zones with poorly veined/silica-flooded zones. It appears that this widespread gold mineralization is **part** of a regional system that trends for approximately 25 kilometers.

Host rock, geometry, and structure along the HBDZ is analogous to greenstone hosted, shear zone related quart-carbonate gold deposits, particularly in the Timmins Gold Camp. Folding, faults, and fractures along the HBDZ provide pathways and traps for auriferous hydrothermal fluid movement. The presence of iron-rich tholeiitic basalts and lean iron formation in the HBDZ provide the chemical trap for gold to precipitate in the formation of pyrite in veined and silica-„flooded' structures. The presence of feldspar and quartz-feldspar bodies provided the heat to the hydrothermal system, with some of the altered porphyries providing gold mineralization.

11.0) Recommendations

Completion of detailed mapping over the Leopard Zone and other trenches and grid mapping is highly recommended. Another structural review over all the trenches would greatly enhance the understanding of the structural controls of the mineralization. Any additional drilling on the Castlewood Project should focus on the down-dip and plunge extension of the Leopard Zone along a westerly strike for additional 100 meters. This coincides with a strong chargeability zone of IP zone CL-04. The inferred extension of this zone **may** be wrapped about a major granite/quartz monzonite body, as intersected in CWL10-08, adjacent and to the south of the Leopard Zone. Prospecting should be two-fold and focus on the following:

1) Westerly strike and plunge direction from both the Centurion and Leopard Zones

2) Intersection area of the HBDZ and OLDZ to the east

12.0) References

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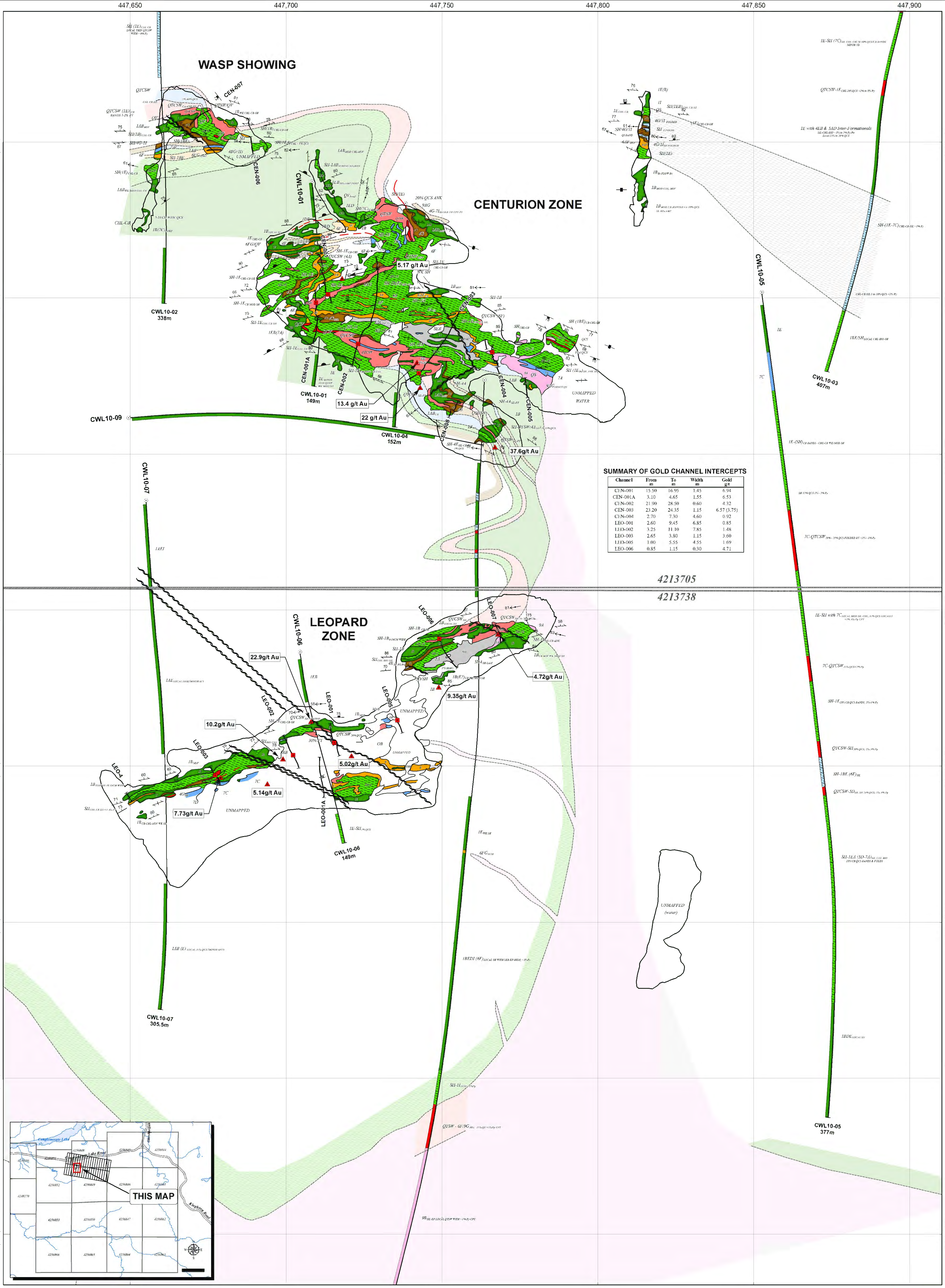
STATEMENT OF QUALIFICATIONS

I, Stephen Roach, of 47 Crantham Crescent, Stittsville, Ontario K2S 1R2, certify that;

1. I obtained a Bachelor degree in Geology from Concordia University in 1977. In addition, I attended Carleton University from 1981-83 in a Graduate Program.
2. I have worked as a geologist for more than 30 years since my graduation from university been in the practice of my profession as Exploration Geologist since 1977.
3. I am responsible for this report entitled, Report of 2009-10 Surface Exploration Program on the Castlewood Lake Project, Castlewood Lake Area, Thunder Bay Mining Division, Northwestern Ontario, Mining Claims TB 4256845, TB 4256846, TB 4256848, TB 4256849, and TB 4230106
4. I have no beneficial interest, direct or indirect in the Castlewood Lake Project that is the subject of this report.

Dated November 4, 2011

Stephen Roach, B.Sc.



SUMMARY OF GOLD CHANNEL INTERCEPTS

Channel	From m	To m	Width m	Gold g/t
CEN-001	15.50	16.95	1.45	6.94
CEN-001A	3.10	4.65	1.55	6.53
CEN-002	21.90	28.50	0.60	4.32
CEN-003	23.20	24.35	1.15	6.57 (3.75)
CEN-004	2.70	7.30	4.60	0.92
LEO-001	2.60	9.45	6.85	0.85
LEO-002	3.25	11.10	7.85	1.48
LEO-003	2.65	3.80	1.15	3.60
LEO-005	1.00	5.55	4.55	1.69
LEO-006	0.85	1.15	0.30	4.71

LEGEND

Mafic Intrusive
- 11A Unsubdivided
- 11B Fine-grained Diabase dykes
- 11C Coarse-grained Diabase dykes
- 11D Porphyritic Diabase dykes

Lamprophyre
- 10 Unsubdivided
- 10A Porphyritic Lamprophyre (ferromagnesian)
- 10B Porphyritic Lamprophyre (feldspathic)

Felsic to Intermediate Intrusives
- 9A Unsubdivided
- 9B Granite
- 9C Trondhjemite
- 9D Syenite
- 9E Monzonite - Quartz Monzonite
- 9F Granodiorite - Monzodiorite
- 9G Felsite - Aplite dykes/sills

Ultramafic Intrusives
- 8A Unsubdivided
- 8B Talc-(Carbonate) Schists
- 8C Anorthosite
- 8D Pyroxenite
- 8E Amphibolite
- 8F Basaltic Komatiite
- 8G Komatiite
- 8H Dyke and sill-like bodies

Mafic Intrusives
- 7A Unsubdivided
- 7B Diorite - Quartz Diorite
- 7C Gabbro
- 7Cl Leucocratic Gabbro
- 7Cm Melanocratic Gabbro
- 7D Hornblende-Feldspar Porphyry

Synvolcanic Felsic to Intermediate Intrusives
- 6 Unsubdivided
- 6A Granite
- 6B Trondhjemite
- 6C Granodiorite-Monzodiorite
- 6D Quartz Diorite-Diorite
- 6E Quartz Porphyry
- 6F Feldspar Porphyry
- 6G Quartz-Feldspar Porphyry

Chemical Metasediments
- 5 Unsubdivided
- 5A Chert - Cherty Tuff
- 5B Banded Magnetite-Chert IF
- 5C Banded Carbonate-Chert IF
- 5D Banded Silicate IF
- 5E Banded Sulphide IF
- 5F Calc-Silicate

Clastic Metasediments
- 4A Unsubdivided
- 4B Arenaceous - Arenite (Sandstone)
- 4C Arkose/Arkosic-wacke
- 4D Greywacke
- 4E Argillite - Shale - Slate
- 4F Conglomerate
- 4G Volcaniclastic - Epiclastic
- 4H Graphitic Argillite - Shale

Felsic Metavolcanics
- 3A Unsubdivided
- 3B Massive flow
- 3C Banded flow
- 3D Spherulitic Flow
- 3E Autobreccia - flow breccia
- 3F Tuff
- 3G Lapilli-tuff
- 3H Tuff-breccia
- 3I Crystal tuff
- 3J Volcaniclastic - epiclastic

Intermediate Metavolcanics
- 2A Unsubdivided
- 2B Massive flow
- 2C Autobreccia - flow breccia
- 2D Porphyritic flow
- 2E Tuff
- 2F Lapilli-tuff
- 2G Tuff-breccia
- 2H Crystal tuff
- 2I Volcaniclastic - epiclastic

Mafic Metavolcanics
- 1A Unsubdivided
- 1B Massive flow
- 1C Amygdaloidal flow
- 1D Variolitic flow
- 1E Pillow flows - pillow breccia
- 1F Tuff
- 1G Lapilli-tuff
- 1H Tuff-breccia
- 1I Volcaniclastic - epiclastic
- 1J Crystal Tuff

Fault Structures
- FLTbx Fault Breccia
- FLTg Fault Gouge
- FLTss Slickenslides

Vein and Stockwork Structures
- QCV Quartz-(Carbonate) Vein
- QTCSW Quartz-(Carbonate) Stockwork
- QV Quartz Vein
- QTSW Quartz Stockwork

Shearing
- Protolith unknown
- Mafic Intrusive Protolith
- Mafic Volcanic Protolith
- Clastic Sediment Protolith

ABBREVIATIONS

ALTERATION
- ab albite (albitized)
- cb carbonate (unspecified)
- chl chlorite
- fd feldspathization (unspecified)
- ser sericite
- sil silicification

CARBONATES
- ank ankerite
- cal calcite
- azr azurite
- dol dolomite
- hem hematite
- mag magnetite
- mal malachite
- oxi oxidation
- sco scorodite
- sid siderite

SILICATES
- amp amphibole
- arg argillic
- ax axinite
- bio biotite
- cld chloritoid
- dio diopside
- ep epidote
- fu fuschite
- gf graphite
- ksp K-feldspar
- lcx leucoxene
- mic mica
- phl phlogopite
- qtz quartz
- rsc roscolite
- srp serpentine
- tour tourmaline

SULPHIDES
- aspy arsenopyrite
- cpy chalcopyrite
- Cu native copper
- gn galena
- hem hematite
- mag magnetite
- mo molybdenite
- po pyrrhotite
- py pyrite
- sch scheelite
- sp sphalerite
- vg native gold

STRUCTURE
- ap axial plane
- bed bedding
- bnd banding
- bx breccia
- cn crenulated/crenulation
- drf drag fold
- fbx fault breccia
- flt fault
- fol foliation
- fpl fold plunge
- fract fracture/joint
- gns gneissosity
- lam laminated/lamination
- ln lineament
- mln mineral lineation
- pil pillows
- porp porphyritic
- sch schistosity
- sh shear
- slk slickensides
- vn vein

SYMBOLS

Outline of Outcrop & Trench

Structure
- 68 *Foliation/Shear (vertical, inclined)*
- 68 *Joint/Fracture (vertical, inclined)*
- 68 *Bedding (vertical, inclined)*
- 51 *Lineation (Intersection) Plunge Direction & Plunge*
- *Pillow (Observed Tops)*
- *Fault*

Contacts
- *Observed*
- *Interpreted / Assumed*
- *Drill Trace*

Surface Sampling
- *4.72 g/t Au : Gold Values from Grab Sample*
- *Channel*
- *Gold Intercept from Channel (refer to table)*

UTM Zone 16 NAD83

0 10 20
metres

PRODIGY GOLD INC.

CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario

CENTURION & LEOPARD ZONES
GEOLOGICAL MAPPING and COMPILATION

Data: S. Roach	Scale: 1:500
Drawn: 21 October 2011	NTS: 42E/13NE

2009 Prospecting Sample Descriptions

Sample #	Date	Sampler	UTM East (NAD 83)	UTM North (Nad 83)	Elevation	Zone/Area	Rock Type Code	Description	Au (ppb)	Au (g/t)
G26657	Sep 3-09	TH-PH	447677	5536029		Leopard	Sh	str ser, mod chl-carb alt. Ser schist. Mod silica flooding. Tr calcite. 2% py	14	
G26658		TH-PH	447677	5536030		Leopard	Sh	str ser, mod chl-carb alt, wk-mod silica flooding, ser schist. 5% py	14	
G26659		TH-PH	447677	5536031		Leopard	Sh	str ser, wk-mod chl-carb alt, silica flooding, ser schist. 5% py	17	
G26660		TH-PH	447676	5536032		Leopard	Sh	str ser, mod chl-carb alt, silica floding ser schist. 20% py	53	
G26661		TH-PH	447676	5536033		Leopard	Sh	str ser, wk-mod chl-carb alt, silica flooding, ser schist. 20% py	85	
G26662		TH-PH	447738	5536034		Leopard	Sh	str ser, wk-mod chl-carb alt, silica flooding, ser schist. 30% py	131	
G26663		TH-PH	447674	5536038		Leopard	4a	silica flooded seds, mod ser-chl, wk carb alt, 30% py	22	
G26664		TH-PH	447672	5536039		Leopard	4a	20% silica flooded seds, mod-str mag, chl-ser alt, tr po, 5% py	699	
G26665		TH-PH	447678	5536038		Leopard	Sh	Ser schist, wk chl alt, rusty weathered color rock, 1-2% py, moderately silicified.	13	
G26666		TH-PH	447679	5536038		Leopard	4a	wkly silicified sed, mod chl alt, mod-str mag alt, 20% po, 1-2% py	52	
G26667		TH-PH	447679	5536034		Leopard	4a	mod to str ser-chl alt sed, wkly silicified, 10% course grained py,	345	
G26668		TH-PH	447680	5536034		Leopard	4a	silica flooded sed, mod ser-chl alt, 2-3% py	334	
G26669		TH-PH	447684	5536037		Leopard	SH	str silicified ser schist, mod chl alt, str shear, 30-40 % py	531	
G26670		TH-PH	447663	5536021		Leopard	4a	mod silicified sed, mod chl-ser alt, 2-3% py, mod shear, 10% po	6	
G26671		TH-PH	447661	5536021		Leopard	4a	mod silicified sed, mod chl-ser alt, 5% py, mod shear, 10% po	10	
G26672		TH-PH	447661	5536022		Leopard	4A	mod silicified sed, mod chl-ser alt, 5% py, mod shear, 5% po	5	
G26673		TH-PH	447661	5536023		Leopard	4a	silicified sed, 10% qtz stringer in sample, str chl alt, mod ser, 10% py, 5% po, wk-mod shear	<5	
G26674		TH-PH	447722	5536040		Leopard	5d	Banded silica IF, str mag alt, str hem alt, wk to mod ser-chl alt, mod shear, 5% py	929	
G26675		TH-PH	447722	5536043		Leopard	5d	Banded silica IF, str mag alt, str hem alt, wk to mod ser-chl alt, mod shear, 2% py	1690	
G26676		TH-PH	447721	5536043		Leopard	5d	Banded silica IF, str mag alt, str hem alt, mod ser-chl alt, mod shear, 1% py	475	
G26677		TH-PH	447719	5536044		Leopard	5d	Banded silica IF, str mag alt, str hem alt, wk ser-chl alt, mod shear, 1% py	243	
G26678	Sep 4-09	PH	447842	5536252		Centurion	6f	silicified feldspar porphry, mod ser-chl alt, wl carb, tr py	<5	
G26679		PH	447721	5536205		Centurion	6f	mod-str silicified , mod chl-ser-carb alt, feldspar porphry, 5% qcv. 20% py (fine grained py), Old drill Hole @ 447785-E, 5536242-N	1250	
G26680		PH	447721	5536204		Centurion	QV	6cm wide qv, wk chl-ser-carb alt, 40% py, old blast pit	294	
G26681		PH	447721	5536204		Centurion	6f	silicified feldspar porphry, str ser, mod chl-carb alt, 25% qcv, 30% py	943	
G26682		PH	447718	5536206		Centurion	6f	silicified feldspar porphry, str ser, mod chl-carb alt, 5% qcv, 40% py	>3000	5.17

2009 Prospecting Sample Descriptions

G26683		PH	447715	5536199	Centurion	Qv	4-6 cm wide qcv, mod chl-ser-carb alt, tr po, 5% py	186	
G26684		PH	447711	5536204	Centurion	6f	silic feldspar porphry, wk chl-ser-carb alt, 40% py	480	
G26685		PH	447711	5536205	Centurion	6f	silic feldspar porphry, wk chl-ser-carb alt,5% qcv, tr calcite, 40% py	>3000	8.09
G26686		PH	447711	5536205	Centurion	QV	1.5m wide qv, wk chl-ser-carb alt, tr calcite, mod fractureing, 3-5% py	19	
G26687		PH	447724	5536186	Centurion	SH	str ser, wk chl, mod carb alt ser schist, 40-50% qv material, tr calcite, 30-40% py	101	
G26688	Sep 5-09	PH	448887	5535982	Regional Prospecting	7c	slightly silic , str chl, mod carb, wk ser alt, str fracture gabbro, mod epidote alt, tr po, 0.5% py	<5	
G26689		PH	449015	5535961	Regional Prospecting	SH	str silic mafic/vol. Str shear, str chl, wk ser-carb alt, 5% qvs, tr cp, 1% py, in the fracture plains	<5	
G26690		PH	449007	5535972	Regional Prospecting	6c	grano-d/gabbro, str chl, mod carb in the fracture, str epidote alt, tr po, 1% py	<5	
G26691		PH	449111	5535992	Regional Prospecting	9f	str mafic colouring, granodiorite, str chl, wk ser, mod carb alt, str fractueing, or wk shear, mod epidote, 1% py	<5	
G26692		PH	449190	5535954	Regional Prospecting	QCSTW	40% qtz carb stockworks, str chl-carb alt, mod calcite, wk to mod ser, str tour alt, tr py-po?	<5	
G26693		PH	449254	5535968	Regional Prospecting	7d	str chl-carb alt, str fract or mod shear, hornblende-feldspar porphry, str epidote,. 1% py	<5	
G26694	Sep 6-09	PH	449256	5536155	Regional Prospecting	1a	str silic, mafic/vol., str fract, str chl-carb alt, str qtz calcite, str epidote, tr cp, 1-2% py	12	
G26695		PH	449272	5536094	Regional Prospecting	sh	str chl-carb alt, str shear, silicified, 10% qcv, tr cp. 2% py	<5	
G26696		PH			Regional Prospecting		Standard-30.04ppm	>3000	29.6
G26697		PH			Regional Prospecting		blank	<5	
G26698	Sep 8-09	PH	448961	5535184	Regional Prospecting	9f	grano-d-monzodiorite, mod biotite, lar qtz eyes, mod frac out-crop, 10% qvs, NVS	<5	
G26699		PH	449830	5536366	Regional Prospecting	11d	str chl alt, mod sh, porphritic/diabase. Mod epidote. Tr po, 0.5% py	<5	
G26700		PH	449825	5536368	Regional Prospecting	1b	str chl, wk ser-carb, sl fract, str epidote,, tr py	<5	
G26701	Sep 9-09	PH	449825	5536365	Regional Prospecting	sh	str sh, mod silic, mafic/vol, str chl. Wk ser-carb alt, 10% qcv in the fracture., tr py	<5	

G26702		PH	449817	5536357	Regional Prospecting	qv	str frac, wk ser alt, 12cm wide qv, tr mus, possible qstw, tr py	5
G26703		PH	449817	5536357	Regional Prospecting	qv	possible qstw, str frac, 50% mfic/vol, 50% qv, str chl, wk ser, str carb, tr cp-py	6
G26704		PH	449817	5536357	Regional Prospecting	sh	mod sh mafic/vol, str chl, wk ser, str carb, mod silic, 5% qcv in the fracture planes, 1-2% py	<5
G26705		PH	449815	5536357	Regional Prospecting	6f	str chl, mod ser-carb alt, mod sh feldspar porphry, str silic., tr cp, 1% py	<5
G26706		PH	449829	5536334	Regional Prospecting	7b	str carb-chl, mod ser diorite, slight frac, 10% qcv, tr py-cp in qcv	<5
G26707		PH	449823	5536323	Regional Prospecting	7b	str carb-chl, mod ser diorite, slight frac, tr epidote., 1% py	<5
G26708		PH	449827	5536306	Regional Prospecting	6a	contact area, granite, wk carb , tr biotite, tr epidote, 10% qvs, tr cp-py	<5
G26709		PH	449827	5536305	Regional Prospecting	1a	wall rock, contact of granite, str silic mafic/vol, , str chl-carb alt, 3-5% PY	<5
G26710		PH	449819	5536330	Regional Prospecting	1a	mafic/vol, str chl epidote alt, mod silic-carb alt, 10% qcv, tr cp in qv, tr py	<5
G26711	Sep 10-09	PH	445968	5530145	Regional Prospecting	6c	grano-d, sub-crop or float very angular. 50cm by 30cm in size. Str chl alt, wk-mod ser-carb alt, mod biotite alt, str silic, tr cp, 1-2% py	<5
G26712		PH	445970	5530157	Regional Prospecting	qv	15c wide mod-fract and sugary qv, k ser-carb alt, wk epidote. Tr py	<5
G26713		PH	445970	5530157	Regional Prospecting	1b	wall rock to qv, str silic mafic/vol massive flow, str chl epidote alt, strc carb alt, ttr py	<5
G26714		PH	446383	5530022	Regional Prospecting	6f	str silic, str chl, wk ser-carb alt. Feld-por, 5% qcv, in the fract, tr biotite, epidote alt, tr cp-py	<5
G26715		PH			Regional Prospecting		Standard-CDN-GS-4A	2930
G26716		PH			Regional Prospecting		Balnk	<5
G26717		PH	446402	5529892	Regional Prospecting	6f	str silic feldspar porphry, str epidote, str chl, mod ser-carb alt, tr cp-py - **blast pit**	<5
G26718		PH	446726	5529882	Regional Prospecting	6f	str silic feld-por, str chl, wl ser-carb alt, 5-10% qcv, mod epidote, tr cp-py - **old blast pit**	<5

G26719		PH	446957	5529808	Regional Prospecting	1j	crystalized mafic/vol tuff, str chl, wk -mod carb alt, 5% qcv, tr py	25
G26720		PH	446841	5529784	Regional Prospecting	qv	10cm wide qcv, mod chl alt, wk ser-carb alt, str frac qtz, tr py in the chl alt	<5
G26721		PH	446836	5529787	Regional Prospecting	6f	str silic feld-por, str chl epidote alt, wk carb, qstw in the areas, tr cpy-py	<5
G26722	Sep 11-09	PH	449823	5536327	Regional Prospecting	1a	mafic/vol, str chl, epidote alt, slight silic alt, carb atl, 5% qcv, tr cp-py	<5
G26723		PH	449820	5536328	Regional Prospecting	1a	mod silic mafic/vol, str chl epidote alt, wk ser-carb alt, 5% qcv., 1% py	<5
G26724		PH	449823	5536279	Regional Prospecting	sch	strongly folded schistose mafic/vol. Mod silic, str chl-ser-carb alt, 5% qcv on bedding-planes, mod calcite in qtz, 2% py, tr cp	<5
G26725		PH	449823	5536277	Regional Prospecting	sch	strongly folded schistose mafic/vol. Mod silic, str chl-ser-carb alt, 5% qcv on bedding-planes, mod calcite in qtz, 2% py, tr cp	<5
G26726		PH	450017	5536014	Regional Prospecting	sch	strongly silicified, strong chl, strongly schist or shear mafic/vol. Str carb. 10% qcv, tr calcite., tr py	<5
G26727		PH	450042	5536094	Regional Prospecting	7c	silic gabbro/diorite, mod chl-carb alt, str fract or wk-mod shearing., tr mag-po, 0.5% py	<5
G26728		PH	450047	5536090	Regional Prospecting	7a	mafic intrusive, silic gabbro/diorite, feldspars, str chl-carb alt, wk ser, str fracture, epidote alt, tr mag., tr po, 2% py	<5
G26729		PH	450049	5536094	Regional Prospecting	7a	mafic intrusive, silic gabbro/diorite, feldspars, str chl-carb alt, wk ser, str fracture, epidote alt, tr mag., tr po, tr py, tr cp	NA
G26730		PH	450030	5536105	Regional Prospecting	6f	str fractured or wk sh, silic feld-por, with large phenocrysts, mod chl, mod qtz eyes, mod epidote, tr cp, 1-2% py	6
G26731		PH	450014	5536117	Regional Prospecting	QV	very rusty qv, 40-50cm wide, mod chl, str tour alt, wk ser-carb alt, str fractured, 0.5% cp-py	<5
G26732		PH	450014	5536117	Regional Prospecting	1a	wall rock of qv, silic mafic/vol. Str fract, str chl, mod ser-carb alt, wk epidote, 0.5% py	77
G26733	Sep 12-09	PH	448719	5535101	Regional Prospecting	QTSW	10-25cm wide qv, str fract, str chl, str rusty , mod potassium alt,NVS	<5
G26734		PH	448719	5535101	Regional Prospecting	6c	Wall rock, granodiorite large qtz eyes, str giotite alt, k-spar alt, tr of apelite, mod fract.NVS	<5
G26735		PH	448843	5535710	Regional Prospecting	6g	silic, qtz-felds-por, 1cm wide qv in a qstw, mod epidote-chl alt, wk ser-carb alt, tr py-cp	<5

G26736		PH	448839	5535711	Regional Prospecting	6g	silic, qtz feld-por, mod epidote alt, mod chl, wk carb alt, tr cp, .5% py	<5
G26737		PH	448841	5535712	Regional Prospecting	6g	silic qtz feld-por in a qtsw, wk epid alt, mod chl, wk ser-carb alt, 1% py	<5
G26738	Sep 13-09	PH	446395	5529990	Regional Prospecting	1a	str silic mafic/vol, str chl, mod ser-epid alt, frac controled qtz, tr cp-py	<5
G26739		PH	446374	5530018	Regional Prospecting	QTSW	str chl alt stockwork, str rusty, tr py	<5
G26740	Sep 14-09	TH-GM	444784	5536417	Regional Prospecting - SHEAR	QV	80cm wide qv, milky white, NVS	<5
G26741		TH-GM	444784	5536417	Regional Prospecting - SHEAR	1a	mafic dyke in middle of qv from G26740. wk sil alt, tr py. Fg	7
G26742		TH-GM	444787	5536372	Regional Prospecting - SHEAR	1a	mod sheared mafic vol, wk-mod sil alt, 1-2% cg diss py	<5
G26743		TH-GM	444787	5536372	Regional Prospecting - SHEAR	1a	mod sheared mafic vol, wk sil alt, wk chl alt, mod carb alt, 10% qcv, 1% diss mg py	<5
G26744		TH-GM	444782	5536408	Regional Prospecting - SHEAR	1a	mod mafic/vol shear, mod sil alt, wk chl alt, mod carb alt, 1-2% diss py.	<5
G26745		TH-GM	444782	5536408	Regional Prospecting - SHEAR	1a	50% qtz in a mafic/vol shear, mod chl alt, mod carb alt, tr py	<5
G26746		TH-GM	444782	5536408	Regional Prospecting - SHEAR	1a	sheared mafic/vol, wk sil alt, 1% med grained diss py	<5
G26747		TH-GM	444777	5536366	Regional Prospecting - SHEAR	sh	sheared mafic/vol, wk sil alt, 10-20% qcv in samle,mod sil alt, mod carb alt, 1% py	<5

G26748		TH-GM	444770	5536360	Regional Prospecting - SHEAR	sh	mafic/vol shear, mod sil alt, mod carb-chl alt, 5% py	<5
G26749		TH-GM	444769	5536356	Regional Prospecting - SHEAR	sh	mafic/vol shear, str sil alt, mod chl-carb alt, 2% py	<5
G26750		TH-GM	444759	5536358	Regional Prospecting - SHEAR	1a	str sil alt mafic/vol. Mod shear, mod chl, wk carb alt, 7.5% py- give or take.	8
G27151		TH-GM	444771	5536329	Regional Prospecting - SHEAR	3a	felsic shear, mod perv sil alt, mod shear, tr py	<5
G27152		TH-GM	444736	5536345	Regional Prospecting - SHEAR	sh	felsic shear, str shear, mod sil alt, wk ser alt, tr py	<5
G27153	Sep 15-09	TH-GM-PH	444909	5536347	Regional Prospecting - SHEAR	sh	mafic/vol shear, mod sil alt, mod chl, wk ser alt, 1% py	<5
G27154		TH-GM-PH	444910	5536348	Regional Prospecting - SHEAR	sh	mafic/vol shear, mod sil alt, mod chl alt, wk carb-ser alt, 1% py	<5
G27155		TH-GM-PH	444882	5536322	Regional Prospecting - SHEAR	sh	silic, mod chl. Ser alt. Wl carb, shear, str shear, fractured controlled qtz., tr py	<5
G27156		TH-GM-PH	444832	5536364	Regional Prospecting - SHEAR	sh	mod sil, chl, wk ser-carb alt str shear mafic/vol. 0.5% py	<5
G27157		TH-GM-PH	444813	5536328	Regional Prospecting - SHEAR	sh	wall rock, str silic, chl-ser alt, str sh, mafic/vol. 1-2% py	13
G27158		TH-GM-PH	444813	5536328	Regional Prospecting - SHEAR	sh	wall rock, str silic, chl-ser alt, str shear, mafc/vol, 1cm wide qv, 2% py in chl alt	<5

G27159	TH-GM-PH	444813	5536328	Regional Prospecting - SHEAR	qv	strongly rusted, mod chl-ser alt qv, str frac, str mica alt, tr py	37
G27160	TH-GM-PH	444806	5536317	Regional Prospecting - SHEAR	sh	str silic. Str chl, mod ser-carb alt., str shear, mafic/vol., 30% qtz., 5% py	<5
G27161	TH-GM-PH	444801	5536280	Regional Prospecting - SHEAR	6e	felsic qtz-porphry, 20% qtz phenos, 1% diss py, mod sil alt	<5
G27162	TH-GM-PH	444814	5536240	Regional Prospecting - SHEAR	6e	qtz porphry, wk ser-carb alt, mod-fract outcrop., 0.5% py	<5
G27163	TH-GM-PH	444844	5536234	Regional Prospecting - SHEAR	1a	altered mafic/vol, str sil alt, 10% cg diss py	8
G27164	TH-GM-PH	444856	5536228	Regional Prospecting - SHEAR	1a	mafic/vol, wk sh, mod sil alt, 3% fg diss&fractured controlled py	64
G27165	TH-GM-PH	444843	5536218	Regional Prospecting - SHEAR	6e	felsic qtz-porphry, 20% qtz phenos, 1% diss py, mod sil alt	<5
G27166	TH-GM-PH	444831	5536239	Regional Prospecting - SHEAR	1a	str sil mafic/vol, mod chl alt, wk ser-carb alt, 0.5% py	<5
G27167	TH-GM-PH	444821	5536234	Regional Prospecting - SHEAR	1a	40% qtz in a str silicified mafic/vol, mod chl alt, wk ser-carb alt, tr py	<5
G27168	TH-GM-PH	444824	5536227	Regional Prospecting - SHEAR	1a	str sil alt mafic/vol, mod chl-ser alt, wk carb alt, wk to mod fracturing in out-crop, 1-2% po, 1-2% py	<5
G27169	TH-GM-PH	444834	5536243	Regional Prospecting - SHEAR	qv	altered qtz, tr py., 10% silicified mafic/vol in sample,	<5

G27170		TH-GM-PH	444815	5536304	Regional Prospecting - SHEAR	qv	fractured qv, milky white, 3% black qtz, 1% chl, <1% cpy	<5
G27171		TH-GM-PH	444850	5536348	Regional Prospecting - SHEAR	1a	sheared mafic/vol, mod shear, wk sil alt, 1-2% fg py	<5
G27172		TH-GM-PH	444840	5536332	Regional Prospecting - SHEAR	1a	sheared mafic/vol, mod shear, wk perv sil alt, 15% rusty qcs, 1% py in wallrock, <1% py in qtz-cb	<5
G27173		TH-GM-PH	444838	5536343	Regional Prospecting - SHEAR	1a	sheared mafic/vol, mod perv sil alt, 2-3% fg diss py	<5
G27174		TH-GM-PH	444829	5536302	Regional Prospecting - SHEAR	qv	qv from blast rock, <1% py, 3% black qtz	<5
G27175		TH-GM-PH	444831	5536302	Regional Prospecting - SHEAR	1a	sheared mafic/vol, mod perv sil alt, wk shear, 2% diss py	5
G27176		TH-GM-PH	444830	5536254	Regional Prospecting - SHEAR	6e	qtz-porphry, 35% qtz eyes, wk shear, wk sil alt, wk carb alt, 0.5% diss py	<5
G27177	Sep 16-09	TH-PH	444905	5536306	Regional Prospecting - SHEAR	sh	str sil alt mafic/vol, str ser alt, wk chl-carb alt, 2-3% po, 1-2% py. OLD HISTORIC BLAST PIT	<5
G27178		TH-PH	444905	5536306	Regional Prospecting - SHEAR	sh	str silicified mafic/vol, str ser alt, wk chl-carb alt, mod sh, 10-15% py. OLD HISTORIC BLAST PIT	35
G27179		TH-PH	444905	5536306	Regional Prospecting - SHEAR	sh	str silicified mafic/vol. Shear, str ser alt, mod chlalt, wk carb alt.10% py. OLD HISTORIC BLAST PIT	30
G27180		TH-PH	444905	5536306	Regional Prospecting - SHEAR	sh	str silicified mafic/vol shear, mod chl alt, wk ser-carb alt, 20% py. OLD HISTORIC BLAST PIT	14

G27181	TH-PH	444905	5536306	Regional Prospecting - SHEAR	sh	silicified mafic/vol shear, str ser alt, wk chl alt, 1% py. OLD HISTORIC BLAST PIT	12
G27182	TH-PH	444905	5536306	Regional Prospecting - SHEAR	QTSW	Qtz stockworks or QVS in a mafic/vol. Str ser alt, wk chl-carb alt, 1% py. OLD HISTORIC BLAST PIT	<5
G27183	TH-PH	444904	5536303	Regional Prospecting - SHEAR	sh	Sediment shear. Banded chert, mod chl alt, tr py	6
G27184	TH-PH	444905	5536306	Regional Prospecting - SHEAR	sh	str silicified sed shear, ser-chl alt, tr py	<5
G27185	TH-PH	444919	5536306	Regional Prospecting - SHEAR	sh	strongly silicified mafic/vol shear, str chl alt, wk ser-carb alt., tr py	<5
G27186	TH-PH	444922	5536245	Regional Prospecting - SHEAR	6f	silicified feldspar porphry, mod ser alt, wk chl alt, mod shear, 1-2% py	8
G27187	TH-PH	444906	5536244	Regional Prospecting - SHEAR	3a	felsic/vol, str ser alt, wk chl alt, 0.5%-1% py. Mod shear.	<5
G27188	TH-PH	444904	5536231	Regional Prospecting - SHEAR	3a	str silicified felsic/vol,mod ser alt, wk carb-chl alt, mod sheared. 2-3% py	15
G27189	TH-PH	444904	5536231	Regional Prospecting - SHEAR	3a	Felsic/vol, str sil alt, mod ser alt, wk carb alt, mod sheared, 1-2% fg diss py	24
G27190	TH-PH	444908	5536230	Regional Prospecting - SHEAR	3a	strongly silicified felsic/vol, mod sheared, mod ser-arb alt, 1-2% py	<5
G27191	TH-PH	444910	5536226	Regional Prospecting - SHEAR	6f	str silicified feldspar porphry, wk ser-carb-chl alt, wk shear, 1-2% py	33

2009 Prospecting Sample Descriptions

G27192		TH-PH	444910	5536226	Regional Prospecting - SHEAR	QV	QCV, 10% mafic/vol in sample, wk ser-chl alt, tr py	<5
G27193		TH-PH	445027	5536407	Regional Prospecting - SHEAR	sh	mafic/vol shear, str chl-ser alt, wk carb. 1% py, tr po	<5
G27194		TH-PH	444935	5536427	Regional Prospecting - SHEAR	qv	8-10cm wide qv, mod chl, wk ser alt., tr tour alt, str fractures, wk carb/. Tr py	<5
G27195		TH-PH	444960	5536412	Regional Prospecting - SHEAR	6e	str mafic/vol shear, str sil alt, str chl, wk ser-carb alt, qtz porphry, tr py	<5
G27196		TH-PH	444940	5536426	Regional Prospecting - SHEAR	1a	silic mafic/vol, str chl, wk ser-carb alt, 0.5% qtz eyes, wkly fractured. 1% py	<5
G27197		TH-PH	444935	5536427	Regional Prospecting - SHEAR	6f	qtz feldspar porphry, mod shear, str chl, wk ser alt, str sil alt, tr tour, 30% qtz, 0.5% py	<5
G27198	Sep 18-09	TH-PH	447068	5525926	Regional Prospecting	sh	sil grano-d, mod shear, wk chl-ser-carb alt, 5% py(banded). Tr cp	<5
G27199		TH-PH	447101	5525836	Regional Prospecting	7C	gabbro, 10% qs in sample, tr py, wkly sil alt.,	<5
G27200		TH-PH	447102	5525841	Regional Prospecting	7c	str sil alt gabbro, with 50% qs in sample, wk carb alt, wk chl alt, 0.5% cg cubed py	<5
G27201		TH-PH	447101	5525839	Regional Prospecting	7c	mod sil alt gabbro, mod frac out-crop, wk-mod carb alt, 5% qcv in sample, tr cp-po, 0.5% py	<5
G27202		TH-PH	446999	5525839	Regional Prospecting	qv	5-10cm wide qv with-in a mafic shear. Mod chl alt, tr py	31
G27203		TH-PH	446996	5525841	Regional Prospecting	7c	sil gabbro, 5% qcv in sample, mod carb alt, wk fracture out-crop, tr cp-py	<5
G27204		TH-PH	447042	5525824	Regional Prospecting	7c	50% gabbro, 50% pink sugary qtz, wk carb., 0.5% py	<5
G27205		TH-PH	447042	5525824	Regional Prospecting	7c	sil alt gabbro, 10% qvs in sample, wk carb alt, 0.5-1% py.	<5

2009 Prospecting Sample Descriptions

G27206		TH-PH	446999	5525952	Regional Prospecting	7c	sil alt gabbro, mod chl alt, wk malachite staining, wk carb alt, tr cp-py,. Along a FAULT	<5	
G27207		TH-PH	446999	5525952	Regional Prospecting	7c	sil alt gabbro, mod chl alt, wk malachite staining, wk carb alt, tr cp-py,. Along a FAULT	<5	
G27208		TH-PH	446999	5525952	Regional Prospecting	QV	15-20cm wide qv, mod chl alt, 10-20% mafic or gabbro in sample, 0.5%-1% py. Tr cp. Sulphides are on the contact of the gabbro. Along a fault	<5	
G27209	Sep 19-09	TH-PH	446629	5525887	Regional Prospecting	7c	sil alt gabbro, wl carb alt, mod chl alt, tr py. Tr po	<5	
G26804	Sep 30-09	TH-PH	447708	5536199	Centurion Z	5a	wk shear, wk mag alt, str sil alt meta-seds, banded silicate, mod chl alt, str ser alt, wk carb, 40% fg py	687	
G26805		TH-PH	447711	5536199	Centurion Z	4a	str sil meta seds, banded silicate alt, mod ser-carb alt, wk shear, tr biotite, 30% qtz, 20% py	>3000	3.00
G26806		TH-PH	447711	5536198	Centurion Z	4a	banded silicate meta-seds, str banded ser alt, mod chl, wk shear, 25% py.	2800	
G26807		TH-PH	447711	5536201	Centurion Z	sh	str silic or silica flooded mafic/vol shear, mod chl-ser-carb alt, mod shear, tr cp, 1% py	26	
G26808		TH-PH	447713	5536201	Centurion Z	4a	str silica banded sil meta-seds, str ser-carb alt, wk chl alt, 3cm wide qv, mod shear, 50% banded qtz, tr py	6	
G26809		TH-PH	447713	5536200	Centurion Z	1a	silica flooded/banded sil mafic., str ser-chl alt, wk carb, 20% banded qtz, tr tour alt, tr biotite, wk shear, 30% fg py	>3000	4.07
G26810		TH-PH	447715	5536203	Centurion Z	1a	str silic mafic/vol, wk shear, 10% Banded qtz, mod ser, wk carb alt, tr tour, tr biotite, 3-5% py	15	
G26811		TH-PH	447716	5536202	Centurion Z	1a	silica flooded mafic/vol, wk shear, 10% Banded qtz, mod ser, wk carb alt, tr tour, tr biotite, 3-5% py	>3000	6.95
G26812		TH-PH	447717	5536202	Centurion Z	1a	silica flooded mafic/vol, wk shear, mod ser, wk carb alt, tr tour, tr biotite, 10% py	>3000	4.8
G26813	Oct 1-09	TH-PH	447717	5536204	Centurion Z	1a	20% qtz in a wk to mod silica flooded mafic/vol. Mod chl-ser alt. Wk carb alt, 1% py, tr cp. Wk shear	92	
G26814		TH-PH	447717	5536201	Centurion Z	1a	30% qtz in a silica flooded mafic/vol, str chl-ser alt, mod carb alt, wk shear, 20% py	815	
G26815		TH-PH	447718	5536203	Centurion Z	1a	mafic/vol. Mod to str silica flooded, mod ser-chl-carb alt, 30% py	>3000	3.19
G26816		TH-PH	447719	5536202	Centurion Z	1a	silica flooded mafic/vol., str ser alt, mod chl-carb alt, 20% qvs, mod shearing, 20% py	>3000	5.1
G26817		TH-PH	447718	5536205	Centurion Z	1a	mafic/vol, 20% qvs, str chl alt, wk ser-carb alt, mod shear, 1% py	207	
G26818		TH-PH	447720	5536203	Centurion Z	1a	silicifed mafic/vol, str ser alt, mod chl, wk carb alt, mod shear, 20-30% py	2930	

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G26819		TH-PH	447721	5536205	Centurion Z	1a	mod silica flooded mafic/vol, 10% qvs, str ser alt, mod chl-carb alt, mod shear, 20-30% py, tr cp	310	
G26820		TH-PH	447722	5536205	Centurion Z	1a	str mag alt mafic/vol, mod chl alt, str shear, wkly silicified, 1% cg py	64	
G26821		TH-PH	447719	5536207	Centurion Z	1a	mod silica flooded mafic/vol, mod epidote-chl alt, wk ser-carb alt, str shear, tr py	58	
G26822		TH-PH	447724	5536206	Centurion Z	1a	20% qvs, str silica flooded mafic/vol, str ser alt, str shear, mod chl-carb alt, 20-30% py	1760	
G26823		TH-PH	447725	5536206	Centurion Z	QSTW	3-5cm wide qcvs, with 20% str silica flooded mafic/vol, small band of massive py/sulphide on contact of qcv&mafic/vol. Str carb alt, wk ser-chl alt. 30% py	835	
G26824		TH-PH	447724	5536209	Centurion Z	1a	mafic/vol, str biotite alt, 10-20% qtz , wk chl-ser-carb alt, tr py. Str shear.	34	
G26825		TH-PH	447726	5536207	Centurion Z	1a	silicifed mafic/vol shear, 10% qtz, str chl, wk ser-carb alt. 1% py	112	
G26826		TH-PH	447710	5536197	Centurion Z	sh	biotite schist/shear, mod silica flooded, wk chl-ser alt, mod carb alt, 5% py	15	
G26827		TH-PH	447710	5536195	Centurion Z	1a	str silicic alt mafic/vol, str shear, str chl alt, wk ser-carb alt., 2-3% py	55	
G26828		TH-PH	447711	5536195	Centurion Z	sh	str silicic alt mafic/vol, str shear, str chl alt,mod ser, wk carb alt., 2-3% cg py	>3000	2.61
G26829		TH-PH	447713	5536194	Centurion Z	sh	30% qv-qvs in a sheared mafic/vol , str chl-ser-carb alt, mod silica flooding, 30% py	94	
G26830		TH-PH	447712	5536195	Centurion Z	sh	str silicified mafic/felsic vol shear, mod chl-ser-carb alt, 20% py	>3000	7.25
G26831		TH-PH	447712	5536197	Centurion Z	qv	1-1.5m wide qv, wk carb alt. 0.5% py	18	
G26832		TH-PH	447714	5536197	Centurion Z	1a	silicified mafic/vol, wk silica flooding, mod shear, str chl, mod ser-carb al, wk biotite alt, 1% py	2560	
G26833	Oct 2-09	TH-PH	447715	5536196	Centurion Z	6f	silicified feldspar porphry, 20% qcv , mod ser-chl alt, mod shear, 10-15% py	225	
G26834		TH-PH	447715	5536195	Centurion Z	1a	str silicified mafic/vol, mod to str shear, 20-30% qtz veining, str ser alt, mod carb alt, 30% py, wk silica flooding	122	
G26835		TH-PH	447715	5536194	Centurion Z	sh	biotite schist/shear, 10% qtz veining, , wk chl-ser alt, mod carb alt, tr% cpy, 1% py	52	
G26836		TH-PH	447716	5536194	Centurion Z	sh	biotite schist/shear, 10% qtz veining, , wk chl-ser alt, mod carb alt,wk epidote alt,0.5% py	100	
G26837		TH-PH	447717	5536196	Centurion Z	1a	str silicified mafic/vol, 10% qtz veining, mod silica flooding, str shear, str ser-chl alt, mod carb alt, 30% py	162	

G26838		TH-PH	447718	5536197	Centurion Z	6f	silicified feldspar porphry, 30% banded silicate , mod ser-chl alt, str shear, 30%% py	>3000	3.61
G26839		TH-PH	447717	5536198	Centurion Z	qv	k-spar alt qv, wk chl-ser-carb alt , 1-2% py	72	
G26840		TH-PH	447720	5536193	Centurion Z	1a	mafic/vol shear, 10-20% qv, mod silica flooding, str ser-chl-carb alt, 20-30% py	134	
G26841		TH-PH	447720	5536195	Centurion Z	sh	mafic.vol shear. Str ser-chl alt. Wk crb alt, str silicification, 30-40% py	225	
G26842		TH-PH	447721	5536195	Centurion Z	sh	mafic/vol shear, str chl-ser alt, 30-40% qcv, str silicification/silica flooding, mod carb alt, 20-30% py	370	
G26843		TH-PH	447723	5536195	Centurion Z	1a	mafic/vol shear, str silification, 30% qtz veining, mod silica flooding, str ser-chl alt, wk carb alt, 20% py	393	
G26844		TH-PH	447717	5536200	Centurion Z	1a	str silicifed mafic/vol shear, str chl alt, mod ser alt, wk carb, 1-2% py	280	
G26845		TH-PH	447720	5536202	Centurion Z	1a	str silicifed mafic/vol shear, str chl alt, wk ser-carb alt, 3-5% py	77	
G26846		TH-PH	447720	5536202	Centurion Z	1a	str silicified mafic/vol shear, str chl alt,wk ser-carb alt, 3-5% py	521	
G26847		TH-PH	447722	5536202	Centurion Z	1a	str silicified mafic/vol shear, str chl alt, mod carb, wk ser alt, 5%qvs, 30 cg py	1230	
G26848	Oct 3-09	TH-PH	447720	5536198	Centurion Z	1a	Mafic/vol shear, 30% qcv, str silicic alt, str chl-carb alt, wk ser alt, 1% py	80	
G26849		TH-PH	447721	5536198	Centurion Z	1a	Mafic/vol shear, str ser-chl-carb alt, mod biotite alt, mos silicic alt, 0.5% py	18	
G26850		TH-PH	447722	5536194	Centurion Z	sh	Mafic/vol shear, mod silicic alt, str chl-carb alt, tr py	570	
G26851		TH-PH			Centurion Z		STANDARD- 30ppm	>3000	28.9
G26852		TH-PH			Centurion Z		BLANK	7	
G26853		TH-PH	447724	5536194	Centurion Z	1a	Silicified Mafic/vol, mod silica flooding, mod shear, str chl- ser.mod carb alt, 10-15% py, 0.5-1% Sph	1000	
G26854		TH-PH	447726	5536194	Centurion Z	1a	10% qv in a silica flooded mafic/vol shear, mod biotite alt, mod ser-chl alt, wk carb. 20% py	63	
G26855		TH-PH	447726	5536195	Centurion Z	1a	Str silicic alt mafic/vol shear, str chl-ser alt, mod carb alt, 10% py	106	
G26856		TH-PH	447725	5536197	Centurion Z	1a	Str silicic alt mafic/vol shear, 10-20% qvs, str chl alt, mod ser-carb alt, str mag alt, wk hem alt, str biotite alt, 1% py	34	
G26857	Oct 4-09	TH-PH	447726	5536196	Centurion Z	1a	silic mafic/vol. Str ser alt, mod chl, wk carb alt, wk biotite alt, 25% qv, 25% py	58	

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G26858	TH-PH	447227	5536196	Centurion Z	qv	1m wide qv, wk chl-ser-carb alt, mod fracturwing, wk biotite, 1% py	150
G26859	TH-PH	447729	5536196	Centurion Z	sh	mod silic/slightly sil banded mafic/vol shear, mod sh, str ser, mod chl, wk carb alt, 5% py	27
G26860	TH-PH	447730	5536196	Centurion Z	qv	1.5m wide qv, wk chl-ser-carb alt, wk biotite, mod fractureing, tr epidote, 1% py	38
G26861	TH-PH	447732	5536196	Centurion Z	qv	60cm wide qv, mod ser alt, wk chl-carb alt, mod biotite, str fracture qtz, 20% py	<5
G26862	TH-PH	447732	5536196	Centurion Z	1a	mod sh mafic vol, 10% qv, mod chl-carb alt, str ser alt, wk to mod biotite, 20% py	16
G26863	TH-PH	447727	5536194	Centurion Z	1a	str silica mafic/vol, mod shear, tr biotite, str chl-ser, wk carb, 10% qvs, 10% py	20
G26864	TH-PH	447727	5536194	Centurion Z	1a	silic mafic/vol, wk shear, str chl-ser, wk carb alt, mod biotite, 5% qvs. 10% py	20
G26865	TH-PH	447728	5536194	Centurion Z	sh	slightly silic mafic/vol. Str shear,(banded silicate), mod chl, str ser, wk carb, tr biotite, 5% fg py	94
G26866	TH-PH	447728	5536194	Centurion Z	sh	banded silicate, mod shear, mod chl, str ser, wk carb, str biotite, 10% qvs, tr py, 10% po	123
G26867	TH-PH	447730	5536193	Centurion Z	1a	mod silic-banded silicate mafic vol, wk shear, str chl-ser, wl carb, mod biotite, tr py, 20% po	131
G26868	TH-PH	447734	5536195	Centurion Z	1a	str silic mafic/vol, 40% qtz, mod chl, biotite, str ser alt, mod carb alt, tr calcite, tr cpy,py, 10% po	<5
G26869	TH-PH	447726	5536203	Centurion Z	qtsw	wk ser-chl-carb alt, tr tour, mod biotie, mod feldspar/k-spar, tr py	9
G26870	TH-PH	447726	5536199	Centurion Z	qv	20cm wide qv, wk-mod chl, ser alt, wk carb, wk tour, biotite, str feldspar/k-spar alt, tr mo/gal, tr cp, 5% py	30
G26871	TH-PH	447728	5536199	Centurion Z	1a	str silic mafic/vol, str chl, wk ser-carb alt, tr feldspar alt, 5% py	98
G26872	TH-PH	447729	5536200	Centurion Z	6g	qtz-feldspar porphry, mod to str chl alt, 5% qv, 2-3% py, tr tour, tr po	72
G26873	TH-PH	447730	5536200	Centurion Z	qtsw	qtsw in a feldspar dyke or sill, wk chl-ser-carb alt, tr tour, tr py-cpy	108
G26874	TH-PH	447730	5536198	Centurion Z	sh	mod silic mafic/vol shear, str chl, wk ser, wk carb , mod shearing, 1-2% py	18

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G26875	Oct 5-09	TH-PH	447736	5536196	Centurion Z	qv	290cm wide qv, wk-mod chl-ser alt, wk carb, str biotite, tr epidote, mod k-spar alt, 10% py	35	
G26876		TH-PH	447736	5536194	Centurion Z	1a	slightly silic amfic/vol, wk ser-carb alt, mod chl alt, mod biotite alt, 5% qvs, 1% py	13	
G26877		TH-PH	447740	5536200	Centurion Z	6f	feldspar porphry dyke or sill, wk chl-ser-carb alt, str biotite, str silic., tr cp, 1% py	<5	
G26878		TH-PH	447736	5536202	Centurion Z	1a	slightly silic mafic/vol, str chl, wk ser-carb alt, str biotite, tr py	7	
G26879		TH-PH	447727	5536209	Centurion Z	qtsw	qtsw, biotite schist, wk chl-ser-carb alt, tr py	42	
G26880		TH-PH	447727	5536209	Centurion Z	qtsw	qtsw, biotite schist, wk chl-ser-carb alt, tr py-cp	24	
G26881		TH-PH	447727	5536209	Centurion Z	1a	silic mafic/vol, mod chl biotite, str ser, wk carb, 20% qtz, 10% py	1020	
G26882		TH-PH	447726	5536211	Centurion Z	sh	biotite schist, 20% banded qcv, mod chl-ser-carb alt,. Tr cp-py	30	
G26883		TH-PH	447728	5536211	Centurion Z	1a	str silic/banded sil mafic/vol, mod biotite, chl alt, sre ser, wk carb, tr po, 20% py	>3000	4.36
G26884		TH-PH	447730	5536212	Centurion Z	qtsw	qtsw, str biotite, mod chl, wk ser-carb alt, 1% py, 1% po	2880	
G26885		TH-PH	447732	5536213	Centurion Z	1a	str silic mafic/vol, mod chl, wk ser-carb alt, tr feldspar alt, str biotite, 10% py	209	
G26886		TH-PH	447733	5536212	Centurion Z	1a	str silic/mafic vol, 50% banded qtz, mod chl-biotite, str ser, wk carb alt, 5% py	1690	
G26887		TH-PH	447733	5536215	Centurion Z	qtsw	QTSW, wk chl-ser-carb alt, str biotite, 5% py	511	
G26888		TH-PH	447733	5536215	Centurion Z	1a	str silic/banded silicate mafic/vol, mod chl-ser, wk carb, mod biotite, 10% qvs, 5% py	1380	
G26889		TH-PH	447734	5536214	Centurion Z	1a	str silicified mafic/vol. 20-30% qtz, str chl-ser alt, wk carb alt, mod shear, 10% py	>3000	4.06
G26890		TH-PH	447738	5536216	Centurion Z	1a	40% qcv in a str silicified mafic/vol shear, str chl-ser alt, wk carb alt, wk biotite alt, 10% py	2100	
G26891		TH-PH	447738	5536217	Centurion Z	1a	silica flooded mafic/vol shear, str ser-chl-biotite alt, wk carb., str shearing, 10% py	573	
G26892		TH-PH	447741	5536218	Centurion Z	qtsw	qtsw, str carb alt, mod chl-biotite alt, wk ser alt, 2% py, tr po	786	
G26893		TH-PH	447743	5536217	Centurion Z	sh	biotite schist/shear, mod silica flooding, wk chl-carb alt, 1% py	11	
G26894		TH-PH	447744	5536217	Centurion Z	qv	30cm wide qv, wk chl-carb alt, mod ser alt, mod biotite alt, mod fract, tr py	272	
G26895		TH-PH	447746	5536217	Centurion Z	qtsw	qtsw, mod chl , str ser, wk carb, mod biotite alt, 1% py	<5	
G26896		TH-PH	447750	5536218	Centurion Z	qtsw	qtsw, mod chl , str ser, wk carb, str biotite alt, 1% py	<5	
G26897		TH-PH	447751	5536216	Centurion Z	qtsw	qtsw, mod chl , str ser, wk carb, str biotite alt, 1% py	<5	

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G26898	Oct 6-09	TH-PH	447736	5536219	Centurion Z	qtsw	qtsw, mod chl, mod ser, wk carb, mod biotite, tr epidote, tr py	>3000	5.7
G26899		TH-PH	447738	5536223	Centurion Z	qtsw	qtsw, mod chl, wk ser, wk carb, str biotite, tr epidote, tr py	9	
G26900		TH-PH	447738	5536223	Centurion Z	qtsw	qtsw, mod chl-epidote alt, wk ser, wk carb, str biotite, 1-2% py	12	
G26901		TH-PH	447738	5536223	Centurion Z	qtsw	qtsw, mod chl-epidote alt, wk ser, wk carb, str biotite, 1% py, tr cp	20	
G26902		TH-PH	447744	5536222	Centurion Z	qtsw	qtsw, wk chl alt, wk ser, wk carb, str biotite, 1% py,	26	
G26903		TH-PH	447744	5536221	Centurion Z	qtsw	qtsw, wk chl alt, wk ser, wk carb, str biotite, tr epidote,2% py,	14	
G26904		TH-PH	447743	5536221	Centurion Z	qv	qv, mod carb alt, wk chl-ser alt, mod biotite, tr py	<5	
G26905		TH-PH	447743	5536221	Centurion Z	qv	qcv, str carb alt, str biotite, wk ser alt, 1-2% py	12	
G26906		TH-PH	447743	5536220	Centurion Z	qtsw	qtsw, mod carb alt, str biotite, wk chl-ser alt, 10% fg py	37	
G26907		TH-PH	447748	5536221	Centurion Z	qtsw	qtsw, mod carb alt, str biotite, wk chl-ser alt, 2-3 py, tr cp	7	
G26908		TH-PH	447750	5536220	Centurion Z	1a	str silic mafic/vol, mod chl alt, wk carb, str biotite, 20% qvs, 2-3% py	<5	
G26909		TH-PH	447742	5536194	Centurion Z	1a	silica flooded mafic/vol. Mod chl, wk carb-ser alt, str biotite, tr tour, tr cp, 10% py	178	
G26910		TH-PH	447740	5536194	Centurion Z	1a	str silic mafic/vol, wk chl-carb, str biotite, 10-15% qvs, 25% py	450	
G26911		TH-PH	447739	5536191	Centurion Z	sh	banded qtz ser schist, wk carb-chl alt, tr biotite., 10% py	31	
G26912		TH-PH	447737	5536190	Centurion Z	sh	biotite,ser schist, wk chl-ser alt, wk graphite, 5% po, 5% py	165	
G26913		TH-PH	447740	5536188	Centurion Z	sh	silica flooded ser schist, wk chl-carb alt, mod biotite, 2% py	8	
G26914		TH-PH	447741	5536189	Centurion Z	sh	mod silic ser schist, wk chl-carb alt. 10% fg py	135	
G26915	Oct 7-09						STANDARD- 30ppm	>3000	28.9
G26916							BLANK	<5	
G26917		TH-PH	447747	5536190	Centurion Z	sh	mos silic ser schist, wk chl,biotite alt, mod-str carb alt, 5% qcvs, 5% py	275	
G26918		TH-PH	447747	5536192	Centurion Z	1a	silica flooded mafic/vol., wk chl alt, wk carb, tr biotite, tr cp, 0.5% py	19	
G26919		TH-PH	447746	5536194	Centurion Z	1a`	str silic mafic/vol, str biotite, mod chl, wk carb-ser alt, 10% qcvs, 5% fg py	460	
G26920		TH-PH	447750	5536191	Centurion Z	sh	str silic, biotite schist, mod chl-ser-carb alt, 25% qcvs, str biotite, wk epidote, tr po, 5% mg py	10	
G26921		TH-PH	447751	5536191	Centurion Z	1a	silica flooded mafic/vol, wk chl-ser-carb alt, mod biotite, 30% qtz, 0.5% py	5	
G26922		TH-PH	447753	5536191	Centurion Z	qtsw	qtsw, mod chl-carb-ser alt, str biotite, tr cp, 20% py,	19	
G26923		TH-PH	447755	5536190	Centurion Z	qtsw	qtsw, mod chl-carb-ser alt, str biotite, str potassium,30% py,	711	

G26924	TH-PH	447742	5536187	Centurion Z	sh	slightly silic ser schist, str graphite, mod chl alt, mod biotite, 5% po and py	25
G26925	TH-PH	447748	5536185	Centurion Z	sh	slightly silic ser schist, str graphite, mod chl alt, mod biotite, 1% po, tr py-cp	64
G26926	TH-PH	447747	5536184	Centurion Z	sh	slightly silic ser schist, str graphite, mod chl alt, mod biotite,10% qcvs, 5% po, tr py	99
G26927	TH-PH	447752	5536183	Centurion Z	1a	silica flooded mafic/vol, str ser,mod graphite, mod chl-carb alt, wk biotite, tr cp-py-epidote, 5%cp.???	28
G26928	TH-PH	447752	5536184	Centurion Z	1a	silica flooded mafic/vol, str graphite, mod chl-ser, wk carb alt, tr epidote, 1% py, 2% po	29
G26929	TH-PH	447755	5536183	Centurion Z	sh	mod silic, ser, biotite schist, mod chl, k carb, str graphite, tr py, 2% po	182
G26930	TH-PH	447755	5536185	Centurion Z	1a	str silic mafic/vol, str ser-chl, wk carb, mod biotite, wk graphite, 5% po, 10% py	127
G26931	TH-PH	447754	5536188	Centurion Z	1a	silica flooded mafic/vol, mod chl, biotite alt, wk ser-carb alt, 2% py, 10% po	126
G26932	TH-PH	447757	5536183	Centurion Z	1a	silica flooded mafic/vol, mod chl-ser, wk carb, biotite, wk graphite, 5% po, 5% py	28
G26933	TH-PH	447760	5536185	Centurion Z	1a	silica flooded mafic/vol, mod chl, wk ser-carb alt, mod biotite, wk graphite, 2% po, 25% py	109
G26934	TH-PH	447754	5536181	Centurion Z	sh	slightly silic ser schist, str graphite, wk carb-chl alt, tr py, 2% po	78
G26935	TH-PH	447755	5536181	Centurion Z	1a	silica flooded mafic/vol, mod ser-chl, wk graphite-carb alt, wk biotite, 25% py	133
G26936	TH-PH	447757	5536180	Centurion Z	sh	silica flooded mod-shear mafic vol, wk biotite, mod chl-carb, str ser, 10% py, 5% po	42
G26937	TH-PH	447758	5536181	Centurion Z	sh	silica flooded ser,biotite, mod to strongly sheared, wk chl, str ser, mod biotite, wk carb, tr po, tr cp, 10% py	78
G26938	TH-PH	447760	5536181	Centurion Z	sh	silica flooded mafic/vol shear, mod chl-carb alt, wk ser, tr biotite, tr cp, 25% fg py	144
G26939	TH-PH	447760	5536178	Centurion Z	sh	silica flooded biotite, ser schist, str ser, mod biotite, wk carb, tr graphite, 2-3% py	50
G26940	TH-PH	447762	5536178	Centurion Z	sh	silica flooded biotite, ser schist, str ser, mod biotite, wk carb, 5% py	158

G26941		TH-PH	447763	5536177	Centurion Z	sh	silica flooded biotite, ser schist, str ser, mod biotite, wk carb,mod shear, 10% py	958
G26942		TH-PH	447764	5536176	Centurion Z	sh	silica flooded biotite, ser schist, str ser, mod biotite, wk carb,mod shear, 25% py	344
G26943	Oct-8-09	TH-PH	447743	5536195	Centurion Z	1a	mafic/vol shear, str chl-carb alt, mod biotite alt, wk ser alt, mod silicified, tr py	10
G26944		TH-PH	447751	5536197	Centurion Z	6g	qtz-feldspar porphry, mod to str chl alt str biotite , 2% py,	26
G26945		TH-PH	447753	5536197	Centurion Z	6g	qtz-feldspar porphry, mod to str chl alt wk biotite ,wkly sheared, 2% py,	13
G26946		TH-PH	447758	5536191	Centurion Z	1a	50% qcv in a silicified mafic vol, str chl-carb alt, wk ser alt, tr py	9
G26947		TH-PH	447760	5536192	Centurion Z	1a	20-30% qvs in a silicified mafic/vol shear, str chl-carb alt, wk ser alt, mod biotite alt, tr py	9
G26948		TH-PH	447766	5536183	Centurion Z	6g	qtz-feldspar porphry, mod carb-ser alt, wk chl-biotite alt, str shear, 1% fg py	1490
G26949		TH-PH	447771	5536179	Centurion Z	sh	banded silicate shear, str ser alt, mod chl-carb alt, str shear. 1% fg py	1030
G26950		TH-PH	447771	5536177	Centurion Z	sh	str silicic alt feldspar porphry shear, mod carb-chl-ser alt, 1% py	1410
G26951	Oct-8-09	TH-PH	447701	5536194	Centurion Z	Q.T.S.W	qtz carb stockwork,mod-chl,ser,carb alt, mod-strong biotite, 40%qtz tr-cpy,py	29
G26952		TH-PH	447706	5536193	Centurion Z	Q.T.S.W	qtz carb stockwork,mod-chl,ser,carb alt, mod-strong biotite, 30%qtz2 ,2% py	31
G26953		TH-PH	447710	5536192	Centurion Z	Q.T.S.W	qtz carb stockworkin biotite schist,40%qtz, mod-ser,carb, weak-chl, strong biotite, tr-cpy, 1-2%py	18
G26954		TH-PH	447714	5536192	Centurion Z	Q.T.S.W	qtz carb stockworkin biotite schist,25%qtz, mod-ser,carb, weak-chl, strong biotite, tr-cpy, 2%po, 2%py	416
G26955		TH-PH	447718	5536192	Centurion Z	Q.C.V	1-m wide qtz carb vein, mod-carb, weak ser, strong-biotite, tr-cpy, 2-3%py	74
G26956		TH-PH	447720	5536191	Centurion Z	Q.C.V	20cm wide qv, wk-carb,mod-biotite alt, tr-cpy, 0.5%py	796
G26957		TH-PH	447726	5536190	Centurion Z	Q.C.V	30cm wide carb qv, weak-chl,ser alt, strong-biotitealt, mod-carb, 3%py, tr-cpy	2430
G26958		TH-PH	447726	5536189	Centurion Z	Q.T.S.W	qtz carb stockwork in biotite schist, weak-chl,ser,carb alt, strong biotite alt, tr-graphite, 10%fine grain py	599
G26959		TH-PH	447730	5536185	Centurion Z	Q.T.S.W	qtz carb stockwork in biotite schist, weak-chl,mod-carb alt, 50%qtz, tr-py	25

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G26960		TH-PH	447733	5536181	Centurion Z	Q.T.S.W	qtz carb stockwork in biotite schist, weak-chl,carb alt, strong- biotite, 40% qtz, tr-po, tr-py	<5	
G26961		TH-PH	447735	5536182	Centurion Z	Q.T.S.W	qtz carb stockwork in biotite schist, weak to mod carb, weak-chl, strong-biotite, 50% qtz, tr-py, tr-po	1370	
G26962		TH-PH	447737	5536180	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist, weak-chl,ser,carb alt, strong biotite alt, 60%qtz,1-2%py,10%po	>3000	5.2
G26963		TH-PH	447742	5536181	Centurion Z	Q.T.S.W	qtz stockwork, weak-chl,ser,carb alt, mod-biotite alt, 40%qtz, tr-mo, tr-po, 5%py	113	
G26964		TH-PH	447742	5536180	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist, weak-chl,carb, mod-ser alt, strong biotite, strong mag alt, 60%qtz, tr-cpy, tr-py, 2%po	904	
G26965		TH-PH	447742	5536179	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist, weak chl, ser,carb alt, mod to strong biotite alt, tr-mag, tr-po, 10%py, 30%qtz	1680	
G26966		TH-PH	447742	5536179	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist,weak-chl,ser,carb alt, srong biotite, 20%qtz, 2%py, 5%po	>3000	13.4
G26967		TH-PH	447742	5536178	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist, weak-chl,ser,mod-carb alt, strong biotite, 2%po,5%py,tr-mo, 60%qtz	>3000	3.92
G26968		TH-PH	447742	5536177	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist, weak-chl,ser,carb alt, strong biotite alt, 30%qtz, 5%po, tr-py	143	
G26969	OCT-09/09	TH-PH	447744	5536179	Centurion Z	Q.T.S.W	qtz stockwork, weak carb,chl,ser alt, strong biotite alt, tr-py,cpy, 1-2%po, 30%qtz	119	
G26970		TH-PH	447741	5536175	Centurion Z	sh	strong sil mafic/vol, mod-sheared, strong-chl, weak-biotite alt, tr-cpy, mo, 10%py,fine-med grain	174	
G26971		TH-PH	447744	5536175	Centurion Z	1A	silica flooded mafic/vol, mod-chl,ser alt, weak carb,biotite alt, 20%fine-med grain py	260	
G26972		TH-PH	447747	5536176	Centurion Z	Q.T.S.W	qtz stockwork, weak-chl,ser,carb alt, mod-biotite alt, 70%qtz, tr-mo,po, 5%py fine grain	>3000	31
G26973		TH-PH	447745	5536177	Centurion Z	Q.T.S.W	qtz stockwork in a mod-biotite schist, weak-chl,ser,carb alt, tr-epidote,cpy, 1%po, 2%py	1500	
G26974		TH-PH	447744	5536178	Centurion Z	Q.T.S.W	qtz stockwork, strong biotite alt, mod-ser alt,weak-chl,carbalt, 10%fine grain py	220	
G26975		TH-PH	447749	5536177	Centurion Z	Q.T.S.W	qtz stockwork, weak-ser,carb alt, mod-strong biotite alt. tr-cpy, 5% py	111	
G26976		TH-PH	447752	5536175	Centurion Z	SCH	strong sil biotite schist, weak-carb alt, tr-py. 1-2%po	30	

G26977		TH-PH	447750	5536173	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist, weak chl, ser,carb alt, mod to strong biotite alt, 60% qtz, 10%py	80	
G26978		TH-PH	447748	5536171	Centurion Z	Q.T.S.W	qtz stockwork, weak-chl,carb alt, mod- biotite alt, 3%py, 50% qtz.	62	
G26979		TH-PH	447747	5536171	Centurion Z	Q.T.S.W	qtz stockwork, weak-ser,carb alt, mod-strong biotite alt. 1%po, 2-3%py, 50% qtz.	245	
G26980		TH-PH	447749	5536170	Centurion Z	Q.T.S.W	qtz stockwork, weak chl,carb alt, mod ser,biotite alt, 1%po, 1%py.	164	
G26981		TH-PH	447748	5536172	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist. Weak-chl,carb alt. mod-ser, strong biotite, tr-cpy,po, 5%py fine grain	49	
G26982		TH-PH	447743	5536171	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist. Weak-ser,carb alt, strong biotite alt. 10%po, 2%py, 20%qtz.	110	
G26983		TH-PH	447743	5536171	Centurion Z	Q.V	40 cm. wide qtz vein. Weak-ser,carb alt, mod-biotite alt. tr-po, cpy, 5%py	>3000	22
G26984		TH-PH	447743	5536168	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist. Weak-chl,ser,carb alt. tr-cpy, 1%po, 5%py, 40%qtz.	>3000	6.7
G26985		TH-PH	447743	5536168	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist. Weak-ser,carb alt. mod-biotite, tr-cpy, 2-3%py, 80%qtz.	>3000	4.87
G26986		TH-PH	447742	5536168	Centurion Z	Q.C.V	qtz carb vein. Mod-biotite, carb alt. tr-cpy, 2-3%py	>3000	5.21
G26987		TH-PH	447742	5536168	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist. Strong biotite alt, weak-ser,carb alt. 2%py, 30%qtz.	617	
G26988		TH-PH	447747	5536166	Centurion Z	Q.T.S.W	qtz stockwork. Weak-ser, carb alt. mod to strong botite alt. 2%po, 2-3%py, 40%qtz.	95	
G26989		TH-PH	447749	5536166	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist. Weak-ser,carb alt. strong biotite, tr-po, 10%py, 30%qtz.	50	
G26990		TH-PH	447752	5536168	Centurion Z	SCH	silica flooded biotite schist. Weak ser, carb alt, strong biotite, strongly sheared. Tr-py	124	
G26991	Oct-13/09	TH-PH	447673	5536257	Centurion Z	1A	weak sil mafic/vol. weak carb alt, weakly sheared, mod chl alt, 1-2% med-coarse grain py	22	
G26992		TH-PH	447674	5536258	Centurion Z	Q.T.S.W	qtz stockwork in biotite schist. Weak carb,ser alt. 20%fine-med grain py. 50%qtz.	9	
G26993		TH-PH	447675	5536257	Centurion Z	QCV	qtz carb vein, 40cm wide. Weak chl alt, mod ser,carb,biotite alt. strongly fractured qtz. Tr-cpy, mo, 2%fine-med grain py	66	

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G26994	TH-PH	447677	5536258	Centurion Z	1A	sil/banded silicate mafic/vol, weakly sheared. 40%qtz. Weak to mod-chl, ser, carb alt. mod to strong biotite alt. 3%fine to med grain py	81
G26995	TH-PH	447680	5536256	Centurion Z	QCV	1.5 m wide qtz carb vein. Mod carb alt. weakser, biotite alt. strongly fractured, tr -calcite,muscavite,mo,py	19
G26996	TH-PH	447685	5536253	Centurion Z	1A	strong sil/banded qtz mafic/vol. mod-chl, weak ser,carb,biotite. 1-2%fine to med grain py	50
G26997	TH-PH	447686	5536249	Centurion Z	Q.T.S.W	qtz stockwork. 30%qtz. Mod to strong biotite alt. weak-chl,ser,carb alt. 5%py	53
G26998	TH-PH	447685	5536244	Centurion Z	Q.T.S.W	qtz stockwork, 20%qtz. Mod-biotitealt. Weak-chl,ser,carb alt. weakly sheared. 3%py	204
G26999	TH-PH	447681	5536246	Centurion Z	SCH	mod to strong sil. Biotite schist. Weak chl,ser,carb alt, mod shear, tr-py, 10%po	216
G27000	TH-PH	447674	5536250	Centurion Z	4A	mod-sil seds. Mod-ser, weak-chl,carb . Tr-biotite,mo, 5%py	1350

Ag (ppm)	Cd (ppm)	Cu (ppm)	Mn (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	AL (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Co (ppm)	Cr (ppm)
<0.2	0.7	124	477	4	55	3	58	2.01	5	<10	49	<0.5	<2	0.15	46	86
0.2	0.7	184	588	2	42	3	101	2.49	25	<10	15	<0.5	<2	0.46	69	75
<0.2	<0.5	14	431	3	9	12	59	0.84	15	<10	72	<0.5	<2	1.16	7	10
0.5	1.1	100	178	17	27	13	146	1.15	72	<10	<10	<0.5	<2	0.02	59	19
0.5	1.4	98	244	10	36	16	209	1.43	88	<10	<10	<0.5	<2	0.04	64	18
0.4	1.3	68	377	48	59	9	132	1.36	63	<10	<10	<0.5	<2	0.61	52	53
0.7	4.3	406	303	7	103	10	992	1.65	14	<10	13	<0.5	<2	0.06	56	40
<0.2	0.9	126	1080	25	39	3	125	3.2	<2	<10	65	<0.5	<2	3.63	38	72
<0.2	1.3	71	649	<1	8	8	118	1.68	359	<10	53	<0.5	<2	0.05	7	13
0.8	4.5	363	369	10	94	28	1150	1.39	9	<10	18	<0.5	<2	0.12	63	23
1	5.4	455	357	5	66	4	656	2.51	16	<10	10	<0.5	<2	0.09	86	50
<0.2	<0.5	22	409	3	11	9	44	0.92	<2	<10	143	<0.5	<2	2.23	10	37
0.7	3.4	185	131	12	72	36	749	1.48	99	<10	<10	<0.5	<2	0.07	78	27
<0.2	<0.5	258	419	2	63	3	96	2.09	8	<10	28	<0.5	<2	0.57	49	49
<0.2	3.1	124	460	5	58	5	967	2.06	<2	<10	23	<0.5	<2	0.79	33	34
<0.2	1.1	115	549	2	59	2	215	2.21	<2	<10	36	<0.5	<2	1.28	31	40
<0.2	0.8	142	588	13	74	3	173	2.21	3	<10	49	<0.5	<2	1.53	33	81
0.2	0.5	104	1110	2	27	2	52	1.1	<2	<10	89	<0.5	<2	5.01	42	18
0.3	<0.5	107	941	8	38	5	52	0.99	<2	<10	96	<0.5	<2	5.55	32	91
<0.2	0.6	165	1050	<1	44	4	52	1.21	<2	<10	103	0.5	<2	5.75	30	87
0.2	0.6	84	1220	<1	34	3	43	0.82	<2	<10	86	<0.5	<2	5.56	32	67
<0.2	<0.5	5	223	<1	5	5	28	1.18	<2	<10	97	<0.5	<2	0.32	7	6
0.7	1.5	119	323	204	45	15	205	0.98	30	<10	<10	<0.5	2	0.9	38	30
0.3	1	46	361	203	34	18	63	0.46	9	<10	<10	<0.5	3	1.12	33	21
0.7	0.8	123	174	195	71	21	126	1.11	30	<10	<10	0.6	7	0.41	56	23
0.8	0.8	57	205	124	32	26	153	0.34	45	<10	12	<0.5	<2	0.27	20	40

1.1	0.5	93	531	18	25	69	48	0.56	8	<10	10	<0.5	<2	0.53	29	26
0.5	2.2	304	317	50	90	11	352	1.34	43	<10	<10	0.6	5	0.75	63	40
1.3	0.9	50	232	38	30	9	44	0.48	18	<10	<10	<0.5	2	0.4	27	15
0.2	<0.5	16	247	13	6	17	16	0.1	2	<10	22	<0.5	<2	0.67	14	5
3.3	1.4	153	867	59	76	110	257	1.27	54	<10	<10	<0.5	16	1.8	57	37
<0.2	<0.5	114	696	<1	56	<2	47	3.15	<2	<10	12	<0.5	<2	2.18	31	83
<0.2	0.6	120	1060	<1	84	<2	70	3.4	<2	<10	16	<0.5	<2	3.97	44	176
<0.2	<0.5	149	827	<1	20	<2	43	2.71	<2	<10	10	<0.5	<2	1.9	46	26
<0.2	0.8	82	872	<1	34	<2	83	3.14	<2	<10	11	<0.5	<2	1.97	39	34
<0.2	0.5	56	1070	<1	15	<2	62	2.91	<2	<10	13	<0.5	<2	5.99	29	6
<0.2	<0.5	123	546	<1	73	<2	37	2.82	<2	<10	11	<0.5	<2	1.97	32	136
<0.2	<0.5	161	703	<1	71	<2	55	3.29	12	<10	<10	<0.5	<2	1.93	42	121
0.2	<0.5	151	964	2	145	<2	71	3.43	<2	<10	53	<0.5	<2	2.47	49	213
1.1	1	10	124	2	8	102	37	0.38	3	<10	<10	<0.5	<2	0.15	3	14
<0.2	<0.5	16	524	2	14	6	59	2.06	<2	<10	126	<0.5	<2	1.8	14	18
<0.2	<0.5	5	77	<1	4	5	23	0.5	<2	<10	63	<0.5	<2	0.17	2	33
<0.2	<0.5	80	546	<1	32	<2	55	2.61	<2	<10	59	<0.5	<2	2.13	40	24
<0.2	<0.5	344	351	<1	18	<2	18	2.01	<2	<10	16	<0.5	<2	2.5	26	67
<0.2	<0.5	108	931	<1	33	<2	66	2.83	2	<10	20	<0.5	<2	3.65	54	85

<0.2	<0.5	5	200	<1	1	<2	<2	0.04	<2	<10	10	<0.5	<2	0.05	<1	62
<0.2	<0.5	81	639	<1	15	<2	41	1.58	<2	<10	20	<0.5	<2	0.99	13	35
<0.2	0.8	158	1100	<1	46	<2	110	4.78	<2	<10	17	<0.5	<2	2.93	43	102
<0.2	<0.5	122	1520	<1	32	<2	85	3.7	<2	<10	<10	<0.5	<2	4.93	34	77
<0.2	<0.5	215	1390	<1	109	<2	55	3.11	<2	<10	14	<0.5	<2	2.91	40	166
<0.2	0.9	26	1660	<1	43	<2	70	2.71	2	<10	32	<0.5	<2	1.68	47	48
<0.2	<0.5	15	139	<1	<1	6	13	0.39	<2	<10	83	<0.5	<2	0.42	8	16
<0.2	0.5	87	1100	<1	39	4	73	3.09	3	<10	16	<0.5	<2	3.16	66	94
<0.2	<0.5	296	1310	<1	30	<2	64	2.63	<2	<10	22	<0.5	<2	2.08	42	38
<0.2	<0.5	5	636	<1	93	7	58	1.02	<2	<10	479	0.6	<2	4.88	18	194
0.5	<0.5	18	137	<1	3	3	2	0.66	<2	<10	17	<0.5	<2	1.36	1	49
<0.2	<0.5	31	540	<1	79	<2	49	2.48	<2	<10	28	<0.5	<2	2.3	23	101
<0.2	<0.5	60	451	<1	47	<2	50	2.51	2	<10	66	<0.5	<2	1.78	23	64
0.2	<0.5	37	513	4	28	2	44	1.81	1110	<10	95	<0.5	<2	1.2	12	45
<0.2	<0.5	16	463	1	13	4	51	2.03	3	<10	131	<0.5	<2	1.58	13	14
<0.2	<0.5	43	761	<1	77	<2	99	3.29	3	<10	39	<0.5	<2	1.77	30	74
<0.2	<0.5	25	662	<1	63	4	83	3.14	<2	<10	38	<0.5	<2	1.9	31	72

<0.2	<0.5	25	519	<1	60	<2	60	2.14	<2	<10	100	<0.5	<2	1.44	26	103
<0.2	<0.5	19	341	<1	39	2	30	1.36	<2	<10	27	<0.5	<2	0.92	12	42
<0.2	<0.5	79	540	<1	69	<2	53	2.83	<2	<10	59	<0.5	<2	2.36	22	68
0.3	<0.5	203	776	<1	19	4	31	2.09	<2	<10	28	<0.5	<2	3.56	50	36
0.2	<0.5	163	1380	<1	32	2	60	2.42	4	<10	19	<0.5	<2	1.6	79	81
<0.2	<0.5	107	1270	<1	108	<2	53	2.87	15	<10	78	<0.5	<2	3.25	48	161
<0.2	<0.5	91	1650	<1	125	3	86	3.07	16	<10	80	<0.5	<2	2.86	53	184
<0.2	<0.5	110	1550	<1	82	<2	67	4.08	<2	<10	27	<0.5	<2	5.64	37	157
<0.2	<0.5	113	864	<1	30	<2	72	2.62	<2	<10	13	<0.5	<2	2.05	36	64
<0.2	<0.5	110	821	<1	23	<2	75	3.02	<2	<10	12	<0.5	<2	2.31	35	55

0.3	0.7	241	668	<1	32	57	83	1.94	11	<10	26	<0.5	<2	2.95	21	80
<0.2	<0.5	87	142	<1	6	<2	12	0.32	<2	<10	18	<0.5	<2	0.17	11	8
<0.2	<0.5	133	836	<1	28	<2	80	2.9	<2	<10	14	<0.5	<2	2.36	38	62
<0.2	<0.5	3	61	<1	<1	7	22	0.35	<2	<10	71	<0.5	<2	0.17	1	2
<0.2	<0.5	1	38	<1	<1	3	13	0.43	<2	<10	86	<0.5	<2	0.11	2	17
<0.2	<0.5	14	248	<1	11	3	54	1.33	<2	<10	88	<0.5	<2	1.36	11	23

<0.2	<0.5	16	306	<1	14	3	56	1.69	<2	<10	198	<0.5	<2	1.59	13	39
<0.2	<0.5	7	289	<1	19	5	59	1.66	<2	<10	84	<0.5	<2	1.32	13	34
<0.2	<0.5	55	513	1	34	4	49	2.26	<2	<10	52	<0.5	<2	2.07	22	44
<0.2	<0.5	46	519	<1	32	3	40	2.35	<2	<10	92	<0.5	<2	3.62	17	21
<0.2	<0.5	3	64	<1	2	<2	<2	0.02	<2	<10	14	<0.5	<2	0.04	<1	69
<0.2	0.6	2	1740	<1	104	<2	159	5.07	<2	<10	59	<0.5	<2	2.7	32	584
<0.2	<0.5	90	1490	<1	85	<2	100	3.95	13	<10	17	<0.5	<2	1.95	39	183
<0.2	0.5	51	2010	<1	69	4	83	3.26	11	15	20	<0.5	<2	2.33	40	174
0.2	<0.5	178	289	1	39	4	75	2.71	<2	<10	66	<0.5	<2	0.06	26	122
<0.2	0.5	52	664	<1	68	4	130	4.29	<2	<10	157	<0.5	<2	0.2	39	139
<0.2	0.8	103	1340	<1	89	<2	97	3.88	14	<10	11	<0.5	<2	1.8	44	214
<0.2	0.7	94	1360	<1	74	3	105	3.73	13	<10	31	<0.5	<2	3.52	36	151

0.2	0.5	114	1280	<1	93	3	154	4.26	20	<10	28	<0.5	<2	3.43	42	204
<0.2	0.6	85	1860	<1	77	4	97	3.23	16	<10	50	<0.5	<2	4.77	37	152
0.2	0.6	87	1470	<1	75	5	97	3.61	19	<10	45	<0.5	<2	3.96	38	141
<0.2	<0.5	4	577	<1	2	5	67	1.62	<2	<10	297	<0.5	<2	1.23	4	3
<0.2	<0.5	31	699	<1	14	3	50	2.46	2	<10	100	<0.5	<2	2.67	9	13
<0.2	0.6	107	1520	<1	65	3	71	4.39	<2	<10	80	<0.5	<2	3.77	33	137
0.4	1	94	1550	<1	87	<2	99	4.32	4	<10	88	<0.5	2	3.3	39	201
0.2	<0.5	54	736	<1	14	4	27	2.35	3	<10	131	<0.5	<2	1.77	14	10
0.2	0.8	118	1590	<1	85	4	71	4.19	4	<10	49	<0.5	<2	3.57	34	198
0.4	<0.5	122	318	<1	61	4	75	3.8	15	<10	111	<0.5	<2	0.05	46	78
<0.2	<0.5	94	285	<1	37	5	43	2.97	5	<10	180	<0.5	<2	0.31	23	58

<0.2	<0.5	19	1140	<1	9	<2	7	0.44	2	<10	46	<0.5	<2	0.37	6	7
0.4	<0.5	269	527	<1	51	4	51	3.36	2	<10	88	<0.5	<2	0.38	47	44
<0.2	4.4	31	531	<1	11	4	636	1.73	10	<10	333	<0.5	<2	0.94	6	8
<0.2	<0.5	31	156	<1	2	<2	14	1.26	<2	<10	170	<0.5	<2	0.08	4	5
<0.2	<0.5	2	200	<1	2	3	21	2.17	48	<10	16	<0.5	3	0.71	18	5
<0.2	<0.5	39	503	<1	2	3	20	2.2	5	<10	89	<0.5	5	2.81	5	5
<0.2	<0.5	21	460	<1	3	<2	31	1.43	4	<10	148	<0.5	<2	1.07	3	3
<0.2	<0.5	11	162	<1	2	<2	18	1.64	<2	<10	137	<0.5	<2	0.99	3	6
<0.2	<0.5	22	298	<1	4	<2	17	1.88	12	<10	140	<0.5	<2	1.99	2	4
0.2	<0.5	39	262	<1	3	2	19	2	<2	<10	37	<0.5	<2	1.73	6	5
<0.2	<0.5	11	89	<1	1	2	11	1.03	7	<10	130	<0.5	11	0.11	2	4

<0.2	<0.5	151	348	<1	2	<2	7	0.25	<2	<10	11	<0.5	<2	2.51	3	5
<0.2	0.6	96	1120	<1	103	<2	84	4.29	8	<10	16	<0.5	<2	1.42	46	256
<0.2	<0.5	63	1790	<1	72	<2	87	3.79	6	<10	77	<0.5	<2	4.42	30	160
<0.2	<0.5	91	1180	<1	84	<2	90	4.37	7	<10	61	<0.5	3	1.89	43	188
<0.2	<0.5	6	342	<1	2	<2	2	0.09	<2	<10	16	<0.5	<2	0.05	2	7
<0.2	<0.5	80	2120	<1	6	<2	70	2.26	3	<10	76	<0.5	<2	5.27	29	<1
<0.2	<0.5	8	541	<1	10	6	30	1.26	8	<10	323	<0.5	<2	1.76	6	11
0.3	<0.5	118	750	1	23	6	34	2.8	<2	<10	67	<0.5	<2	1.11	18	32
0.8	1.1	346	972	5	64	15	27	2.34	2	<10	<10	<0.5	2	0.25	56	19
0.9	<0.5	422	1300	3	96	18	26	1.97	3	<10	<10	<0.5	5	0.64	71	13
0.4	0.9	473	480	5	39	8	27	2.95	<2	<10	<10	<0.5	<2	0.75	37	24

2009 Prospecting Sample Descriptions

<0.2	<0.5	32	292	2	18	8	15	2.09	<2	<10	117	<0.5	2	0.06	14	23
<0.2	<0.5	29	535	<1	13	3	15	2.21	<2	<10	102	<0.5	<2	0.96	4	10
0.5	<0.5	116	210	1	28	4	36	1.65	<2	30	89	<0.5	<2	0.41	13	5
<0.2	<0.5	56	1870	<1	129	<2	65	2.26	35	11	54	<0.5	<2	5.98	39	84
<0.2	<0.5	40	739	2	24	3	79	3.08	<2	<10	156	<0.5	3	0.56	13	35
<0.2	<0.5	16	223	<1	10	7	33	2.24	23	<10	45	0.5	<2	1.84	8	10
<0.2	<0.5	1	178	<1	6	<2	23	2.12	7	<10	117	<0.5	<2	1.72	6	6
0.3	<0.5	6	116	<1	7	5	24	2.53	8	<10	69	<0.5	5	0.61	20	6
<0.2	<0.5	3	84	<1	3	<2	9	1.52	14	<10	55	<0.5	<2	1.17	8	4
0.2	<0.5	10	69	<1	3	2	4	1.43	12	<10	83	<0.5	<2	1.4	3	5
0.2	<0.5	22	112	<1	3	3	17	1.71	49	<10	107	<0.5	5	0.86	6	4

<0.2	<0.5	2	245	<1	2	4	26	0.93	5	<10	56	<0.5	<2	1.07	4	4
<0.2	<0.5	69	1540	<1	66	5	83	3.97	5	<10	114	<0.5	2	3.45	30	94
<0.2	<0.5	10	372	<1	5	6	15	0.91	<2	15	133	<0.5	<2	1.29	3	12
<0.2	<0.5	19	680	<1	14	11	33	2.08	<2	<10	334	<0.5	<2	3.45	7	29
<0.2	<0.5	33	666	<1	37	6	78	2.74	2	<10	203	<0.5	<2	0.84	20	124
<0.2	<0.5	18	583	<1	7	17	38	1.47	<2	<10	129	<0.5	<2	1.66	6	12
0.2	<0.5	153	288	<1	4	<2	23	1.39	5	<10	77	<0.5	<2	0.69	12	4
<0.2	<0.5	12	536	<1	3	<2	52	1.63	<2	<10	70	<0.5	<2	1.92	12	2
<0.2	<0.5	12	546	1	2	<2	32	0.89	<2	<10	15	<0.5	<2	3.42	9	1
<0.2	<0.5	14	636	<1	5	<2	67	1.66	3	<10	63	<0.5	<2	1.6	18	<1
<0.2	<0.5	10	271	<1	12	<2	22	0.73	<2	<10	13	<0.5	<2	0.46	7	59
<0.2	<0.5	58	499	2	7	<2	45	1.96	<2	<10	70	<0.5	<2	0.87	21	2
<0.2	<0.5	4	348	<1	2	<2	28	1.18	<2	<10	36	<0.5	<2	1.59	12	<1
<0.2	<0.5	26	650	<1	6	<2	49	1.89	5	<10	61	<0.5	<2	2.48	78	1

<0.2	<0.5	61	873	<1	12	<2	53	2.38	<2	<10	35	<0.5	<2	4.14	16	2
<0.2	0.5	270	679	<1	8	<2	29	1.2	<2	<10	18	<0.5	<2	3.24	24	3
<0.2	<0.5	64	449	<1	7	<2	28	1.15	<2	<10	18	<0.5	<2	1.68	15	2
0.4	0.6	450	717	<1	63	<2	64	3.23	<2	<10	39	<0.5	<2	1.53	30	107
0.6	4.6	239	369	225	93	28	600	1.4	64	<10	<10	1.3	5	0.22	60	103
1	0.9	82	933	25	33	44	116	0.77	7	<10	31	<0.5	<2	3.61	22	25
0.9	0.7	107	418	47	59	13	101	1.58	34	<10	18	0.9	4	1.22	38	67
<0.2	<0.5	241	1210	<1	85	9	90	2.35	3	<10	464	1.6	<2	6.2	31	165
0.3	<0.5	4	888	2	243	14	51	1.81	<2	<10	34	<0.5	<2	6.31	30	601
1.3	2.4	291	745	56	82	33	375	1.32	61	<10	11	1.1	5	1.4	52	79
0.2	<0.5	102	765	<1	29	6	61	2.4	3	<10	72	1	<2	4.49	28	57
0.8	0.5	133	956	8	43	6	236	2.11	10	<10	47	0.6	<2	1.5	27	46
1	1.3	93	838	66	49	13	247	1.75	22	<10	27	0.8	3	2.08	30	40
0.3	0.6	40	1180	5	191	10	73	1.96	<2	<10	206	1.2	<2	7.07	31	418
0.8	0.6	106	1560	114	37	38	100	0.98	10	<10	24	<0.5	4	2.49	33	54
0.7	1	73	210	135	41	26	129	0.59	73	<10	18	<0.5	4	0.58	23	68
0.9	0.9	92	1010	153	53	15	143	1.63	25	<10	27	0.6	4	2.58	31	54
0.4	0.6	57	956	3	210	6	69	3.12	<2	<10	411	0.7	<2	5.52	38	393
0.9	1.4	82	588	216	42	24	234	0.61	16	<10	22	<0.5	4	1.48	25	47

0.5	0.8	98	261	178	41	25	84	0.63	22	<10	17	<0.5	6	0.56	31	56
0.6	0.9	151	2200	3	59	<2	304	3.63	19	<10	50	<0.5	3	0.02	30	83
<0.2	0.7	56	1560	1	220	6	155	2.86	<2	<10	212	0.5	<2	7.04	36	373
0.6	0.6	83	474	44	44	10	98	1.39	12	<10	11	0.5	5	1.48	29	38
0.6	1.3	80	71	538	40	19	161	0.53	25	<10	<10	<0.5	11	0.04	31	45
<0.2	0.8	101	1270	8	144	5	120	2.08	<2	<10	311	1	<2	6.99	30	259
0.4	0.8	111	1480	2	41	7	96	2.36	4	<10	63	0.7	<2	3.9	38	61
0.5	0.9	75	1410	2	166	26	131	1.84	2	<10	123	0.9	<2	7.16	36	305
0.4	0.6	154	1270	2	81	3	111	2.45	3	<10	73	0.6	<2	4.88	41	122
0.8	6.6	282	832	5	65	21	1760	2.63	42	<10	<10	1.4	3	0.13	56	83
2	3.2	305	999	25	74	153	690	1.3	66	<10	<10	1.1	7	1.26	56	82
2.1	2.5	114	242	27	38	65	313	0.49	53	<10	<10	<0.5	<2	0.3	35	36
0.3	<0.5	42	213	13	6	13	9	0.11	<2	<10	20	<0.5	<2	1.08	5	7
0.6	0.8	227	1510	<1	75	<2	115	1.62	3	<10	257	0.5	<2	4.2	44	85
0.9	0.7	83	261	63	56	43	108	0.72	17	<10	<10	<0.5	3	0.09	47	71
1	<0.5	263	410	12	68	43	56	0.97	45	<10	<10	0.7	4	0.6	56	57
0.4	1.1	123	1150	<1	123	14	145	1.95	8	<10	81	1.6	<2	6.58	38	270
0.4	0.6	55	1240	<1	191	15	72	2.16	<2	<10	243	1.8	<2	7.53	34	375
0.6	3.3	264	903	20	75	25	676	1.33	59	<10	15	<0.5	<2	1.51	50	67

2.5	1.3	146	232	17	49	26	150	0.89	44	<10	<10	0.6	5	0.24	45	24
<0.2	<0.5	25	422	<1	11	6	15	0.43	<2	<10	32	<0.5	<2	1.31	10	10
0.4	<0.5	137	550	15	44	21	52	1.04	41	<10	29	<0.5	<2	1.68	28	30
0.7	1.7	221	66	28	72	39	260	0.86	66	<10	<10	<0.5	8	0.05	56	25
0.6	0.9	143	740	35	51	23	110	1.24	31	<10	14	<0.5	4	1.6	35	29
0.5	1.2	115	574	47	49	21	220	0.95	25	<10	12	0.6	3	1	32	44
0.2	0.7	129	1990	<1	23	8	44	0.82	10	<10	77	<0.5	<2	4.68	42	9
0.3	1.1	107	4020	<1	45	6	107	1.5	5	<10	54	<0.5	3	4	41	48
0.5	0.8	170	2270	5	41	6	112	1.53	31	<10	22	<0.5	3	1.97	37	33
1	1.1	170	2590	5	42	11	165	1.45	47	<10	<10	<0.5	6	1.74	46	26
0.2	<0.5	135	1530	2	35	5	105	2.02	2	<10	155	0.6	<2	3.35	38	66
<0.2	0.9	67	1920	3	135	7	86	3.33	3	<10	244	<0.5	<2	4.78	44	167
0.4	0.7	81	1380	1	147	12	75	3.08	<2	<10	107	0.7	<2	6.78	36	263
1.1	0.9	9	113	2	10	91	33	0.38	3	<10	<10	<0.5	<2	0.15	3	14
<0.2	<0.5	22	444	<1	13	4	53	1.86	<2	<10	130	<0.5	<2	1.46	13	18
0.7	1.9	325	1360	16	69	20	295	1.05	33	<10	12	<0.5	3	0.78	59	17
0.9	1.1	141	1260	6	84	49	144	1.11	19	<10	55	0.7	<2	6.8	38	102
0.7	1.2	223	255	11	53	20	177	1.42	92	<10	11	<0.5	4	0.37	42	21
0.4	<0.5	214	1740	2	75	7	93	2.65	4	<10	123	0.8	<2	3.94	36	179
3.5	2.2	163	952	47	76	202	236	0.79	59	<10	12	<0.5	11	2.93	54	37

0.6	<0.5	88	491	35	6	29	9	0.27	<2	<10	41	<0.5	2	1.48	5	4
0.7	2.5	395	829	5	74	43	578	1.53	13	<10	25	<0.5	<2	1.82	41	33
0.3	<0.5	12	577	5	7	12	27	0.26	<2	<10	42	<0.5	<2	1.97	4	3
0.7	0.9	22	1430	14	17	29	62	0.41	6	<10	77	<0.5	<2	2.63	15	4
1.3	2.8	341	228	7	78	34	491	1.39	19	<10	26	<0.5	4	0.17	66	24
0.8	1.1	867	461	3	85	3	89	1.27	<2	<10	12	<0.5	2	0.21	64	21
0.7	<0.5	675	200	5	59	6	47	1.32	3	<10	11	<0.5	<2	0.08	78	21
1	5.9	514	741	8	89	24	1570	0.63	5	<10	19	<0.5	3	0.85	64	9
0.9	4.6	633	919	4	76	11	988	1.04	248	<10	19	<0.5	<2	1.03	73	18
0.8	5.1	635	874	10	85	17	1330	1.51	174	<10	13	<0.5	<2	0.66	52	24
0.6	1.4	476	1800	<1	94	11	219	1.96	<2	<10	43	<0.5	<2	3.26	39	48
0.2	<0.5	74	764	<1	14	8	36	0.86	5	<10	184	<0.5	<2	2.21	13	9
6.7	0.7	20	996	2	7	277	17	0.3	<2	<10	70	<0.5	22	2.36	7	6
0.5	0.7	289	1190	1	42	10	118	3.49	3	<10	82	1.1	<2	4.16	48	35
0.3	<0.5	18	273	26	14	14	35	0.71	<2	<10	165	<0.5	<2	1.35	10	8
<0.2	<0.5	63	262	<1	10	6	17	0.5	<2	<10	229	<0.5	<2	0.74	6	7
0.2	0.6	202	1440	1	50	8	93	3.68	<2	<10	146	<0.5	<2	1.74	45	58

0.4	0.7	56	3430	<1	36	2	62	3.97	5	<10	99	<0.5	<2	5.26	32	48
5.5	0.6	83	1250	<1	29	206	49	1.19	<2	<10	19	<0.5	12	3.67	30	33
0.4	<0.5	51	335	<1	13	2	22	0.9	<2	<10	175	<0.5	<2	2.21	7	10
0.3	0.5	201	952	<1	78	<2	58	3.72	<2	<10	161	<0.5	<2	5.34	30	349
0.4	0.5	110	984	<1	89	14	44	1.57	<2	<10	29	1	<2	6.82	39	278
0.4	0.5	54	1220	<1	131	15	74	1.53	<2	<10	600	1	<2	6.64	25	249
2	1.8	387	767	42	71	216	261	0.85	38	<10	<10	<0.5	11	1.95	50	51
0.4	<0.5	158	1070	<1	105	7	42	2.14	<2	<10	413	1.1	<2	7.07	37	145
1.4	1.6	116	285	42	51	12	120	1.32	43	<10	<10	<0.5	<2	1.2	37	25
1.1	<0.5	57	1340	12	212	13	126	2.02	4	<10	85	1	<2	6.04	37	501
0.5	0.5	158	1080	4	52	2	98	1.9	6	<10	14	<0.5	<2	4.56	47	44
0.6	0.8	77	695	40	33	10	77	1.47	23	<10	17	<0.5	<2	2.13	24	20
0.7	0.8	107	744	21	40	20	141	1.48	17	<10	18	0.6	<2	2.58	26	42
1.1	3.8	233	784	25	54	11	476	2	47	<10	13	0.8	<2	2.4	41	24
1.6	0.8	188	711	51	57	9	142	2.03	33	<10	13	0.6	3	1.96	36	23
0.8	1.1	139	348	33	61	12	153	1.07	21	<10	<10	<0.5	4	0.77	40	80
0.7	0.6	122	686	50	48	11	77	1.3	10	<10	21	0.7	<2	2.35	29	56
0.9	<0.5	30	609	57	32	7	31	0.61	6	<10	39	<0.5	2	2.67	23	41
0.4	0.6	114	1210	1	62	3	59	1.68	<2	<10	74	0.8	<2	4.74	34	114
0.3	0.5	17	1030	13	30	28	49	0.71	3	<10	65	<0.5	<2	3.32	18	70
0.3	0.7	116	1040	2	115	4	75	3.08	<2	<10	183	<0.5	<2	4.72	40	127
0.4	0.5	56	891	<1	46	12	37	1.93	<2	<10	373	0.5	<2	5.68	23	111
0.3	0.9	91	1050	<1	107	<2	58	3.85	3	<10	279	0.8	<2	5.39	37	288

0.4	<0.5	18	448	<1	17	3	18	0.67	<2	<10	45	<0.5	<2	2.29	12	34
0.3	0.9	16	1210	35	168	15	76	1.84	<2	<10	74	<0.5	<2	8.68	28	343
0.7	0.6	19	1660	2	125	9	38	0.55	6	<10	44	<0.5	<2	10.6	39	105
0.6	<0.5	6	1140	55	189	16	54	1.19	<2	<10	45	0.6	<2	7.62	37	205
2.3	0.8	53	1400	<1	80	76	72	0.81	<2	<10	49	<0.5	12	4.91	32	111
0.4	0.9	77	1340	<1	97	15	91	1.54	<2	<10	148	0.7	<2	4.8	42	141
0.2	<0.5	2	502	2	47	4	26	0.36	<2	<10	28	<0.5	<2	2.87	6	89
0.3	<0.5	2	1430	6	101	10	38	0.48	<2	<10	48	<0.5	<2	7.91	25	106
0.7	1	127	707	<1	83	57	64	0.8	63	<10	21	<0.5	3	3.65	47	104
1.7	<0.5	44	1280	<1	62	46	47	1.15	<2	<10	46	<0.5	4	5.04	33	126
0.3	0.8	109	889	<1	88	13	68	3.32	3	<10	321	1.1	<2	2.99	39	204
0.6	1	48	1080	79	19	33	124	0.68	5	<10	39	<0.5	<2	3.53	21	11
0.5	0.7	80	666	4	35	8	68	2.15	45	<10	13	<0.5	3	1.69	31	23
0.8	1.6	132	694	14	63	22	267	1.76	52	<10	10	<0.5	4	0.65	45	26
1	10.8	511	1220	3	71	13	2910	1.66	434	<10	12	<0.5	<2	0.88	94	27
0.5	<0.5	326	248	3	54	3	37	1.01	11	<10	26	<0.5	<2	0.56	33	10
0.7	2.3	102	76	11	48	16	188	0.97	108	<10	<10	<0.5	4	0.05	44	13
1.3	1.3	9	118	2	10	95	35	0.38	3	<10	13	<0.5	<2	0.14	3	13
0.2	<0.5	24	502	1	15	3	69	2.03	2	<10	147	<0.5	<2	1.5	15	16
0.7	0.8	500	1080	4	47	13	92	1.45	31	<10	15	<0.5	3	0.73	35	26
0.2	<0.5	82	551	<1	9	5	15	0.55	<2	<10	48	<0.5	<2	1.35	5	6
0.5	<0.5	111	1340	3	26	<2	43	1.43	3	<10	53	<0.5	<2	4.04	33	22
0.9	1.1	428	2260	<1	47	58	97	1.51	22	<10	100	<0.5	<2	4.81	37	28
0.3	<0.5	23	520	16	7	9	22	0.51	<2	<10	56	<0.5	<2	1.48	5	6
1.3	1.4	170	1380	<1	36	6	170	2.98	12	<10	28	<0.5	<2	3.01	66	21
1.1	0.9	115	1300	<1	20	8	90	1.07	12	<10	36	<0.5	<2	3.92	52	13

0.7	1.3	316	1020	4	63	8	82	1.17	41	<10	19	<0.5	<2	0.71	58	18
1	4	350	538	9	72	55	816	1.22	9	<10	17	<0.5	<2	0.43	52	19
0.8	2.2	354	442	7	69	10	415	1.4	103	<10	16	<0.5	2	0.2	53	24
0.6	1.3	360	1200	53	63	6	194	1.46	<2	<10	15	<0.5	<2	1.36	44	17
0.5	1.6	195	1240	2	50	24	337	1.42	127	<10	36	<0.5	<2	1.46	34	13
1.2	4.6	373	463	5	96	51	1090	1.59	160	<10	17	<0.5	3	0.32	64	29
1	3.3	181	541	7	79	37	545	1.54	107	<10	16	<0.5	4	0.81	55	23
0.6	0.8	115	689	3	38	15	165	0.98	21	<10	34	<0.5	<2	1.98	27	10
0.5	0.6	136	512	43	25	13	34	0.93	17	<10	39	<0.5	<2	0.19	36	13
0.8	1.9	242	538	6	50	19	358	1.51	63	<10	15	<0.5	2	1.43	38	26
0.7	1.6	459	321	3	70	<2	269	2.17	169	<10	12	<0.5	<2	0.08	63	40
0.9	2	117	1250	148	53	53	168	0.94	88	<10	15	<0.5	4	1.96	44	16
0.7	1.6	238	1280	8	68	17	250	1.03	33	<10	<10	<0.5	3	0.92	32	19
0.4	0.8	102	975	48	47	16	95	1.38	35	<10	25	<0.5	<2	2.3	31	41
0.5	1.5	142	597	1	48	16	106	0.66	59	<10	<10	<0.5	3	1.29	36	50
0.3	2.2	156	515	5	44	11	466	1.23	38	<10	16	<0.5	<2	0.12	33	17
0.6	2.4	255	215	7	63	13	527	1.25	66	<10	<10	<0.5	<2	0.04	52	20

0.8	4.6	340	249	15	74	12	485	2.02	89	<10	<10	0.6	3	0.3	55	31
0.7	1.4	128	136	6	44	23	91	1.27	111	<10	<10	<0.5	7	0.06	39	17
0.3	0.6	208	1120	<1	82	<2	66	2.87	<2	<10	188	<0.5	<2	6.68	36	139
0.4	<0.5	13	564	<1	17	13	19	0.54	<2	<10	91	<0.5	<2	4.97	11	6
2	0.6	8	1030	<1	20	44	36	1.6	4	<10	54	<0.5	6	6.63	12	23
0.3	0.6	98	940	<1	20	11	70	0.91	2	<10	112	<0.5	<2	3.19	15	10
0.3	0.7	131	1250	2	33	<2	79	1.67	2	<10	157	<0.5	<2	5.39	37	35
0.5	<0.5	79	1050	21	32	7	26	0.27	<2	<10	79	<0.5	2	3.42	25	36
0.3	<0.5	71	1020	4	34	4	55	0.91	<2	<10	155	<0.5	<2	4.39	24	49
0.5	<0.5	62	1070	9	40	8	37	0.34	<2	<10	42	<0.5	3	3.21	29	53
0.4	0.8	8	897	<1	210	20	45	1.16	<2	<10	474	0.6	<2	7.11	21	499
0.4	0.9	80	993	4	170	17	61	1.52	<2	<10	49	0.8	<2	6.99	32	324
0.4	<0.5	22	662	5	43	18	29	0.6	<2	<10	20	<0.5	<2	2.66	21	43
0.6	<0.5	17	1330	47	160	21	74	1.79	<2	<10	69	0.9	<2	7.64	29	358
0.3	<0.5	61	825	4	56	5	64	1.55	5	<10	48	0.5	<2	3.87	28	70
<0.2	<0.5	8	454	4	47	4	28	0.55	<2	<10	92	<0.5	<2	2.04	11	115
0.3	<0.5	42	589	45	31	10	18	0.35	<2	<10	39	<0.5	<2	1.93	21	37
0.6	0.6	59	878	24	78	14	46	0.83	26	<10	29	<0.5	<2	4.41	42	124
0.5	0.5	41	1160	<1	261	11	86	3.11	<2	<10	430	0.7	<2	7.2	33	651

0.3	0.9	13	1190	<1	226	12	82	2.38	<2	<10	526	1.4	<2	7.25	36	438
0.3	<0.5	108	981	3	63	9	68	1.05	<2	<10	86	<0.5	<2	5.29	25	94
0.5	<0.5	56	802	38	45	7	47	0.79	<2	<10	50	<0.5	<2	2.93	25	44
0.5	<0.5	92	679	51	55	20	53	0.59	11	<10	20	<0.5	<2	3.92	28	40
0.3	0.8	56	1020	2	141	4	90	1.21	<2	<10	51	<0.5	<2	5.6	30	125
0.4	<0.5	72	869	23	61	5	41	0.63	3	<10	38	<0.5	<2	3.45	28	65
1.7	0.7	99	1130	17	53	3	65	1.35	4	<10	62	<0.5	<2	4.31	36	46
0.6	0.6	200	969	23	55	6	67	1.16	2	<10	44	<0.5	<2	4	34	68
0.4	0.8	149	1150	2	41	12	98	1.65	2	<10	71	<0.5	<2	4.12	34	53
0.4	0.7	131	1110	4	84	7	63	0.84	9	<10	75	<0.5	<2	4.55	27	86
0.6	0.7	146	557	6	37	16	100	1.38	132	<10	50	<0.5	<2	2.63	31	42
0.9	1.8	273	941	9	94	21	249	1.59	108	<10	23	0.7	4	1.88	77	64
2.5	<0.5	17	616	156	44	12	35	0.45	4	<10	43	<0.5	<2	2.72	21	62
0.5	0.5	111	1010	36	58	8	55	0.85	2	<10	85	<0.5	<2	4.3	29	63
0.3	0.8	61	552	110	63	23	50	0.47	17	<10	51	<0.5	4	2.5	37	67
0.5	0.8	53	764	141	52	33	56	0.49	14	<10	59	<0.5	2	3.06	29	30
0.4	0.8	252	981	<1	46	<2	74	2.71	4	<10	277	0.8	<2	5.36	32	22

0.3	0.7	41	810	40	54	15	86	1.37	36	<10	27	<0.5	<2	4.76	30	56
0.2	<0.5	37	796	30	51	11	96	1.56	29	<10	25	<0.5	<2	4.8	25	52
0.3	0.8	127	1490	8	122	14	62	0.85	4	<10	110	<0.5	<2	6.01	27	152
2.9	0.6	161	1000	<1	57	249	38	0.69	3	<10	101	<0.5	7	4.54	24	71
0.3	<0.5	133	899	3	103	5	112	1.82	4	<10	138	0.9	<2	3.78	31	151
0.4	1.1	107	673	16	119	25	86	1.27	16	<10	51	0.6	<2	2.71	41	198
1.5	0.6	83	1200	38	54	10	58	1.13	6	<10	93	<0.5	<2	5.59	33	65
0.5	0.6	39	861	12	36	9	23	0.29	<2	<10	35	<0.5	<2	3.28	24	27
0.6	0.9	238	1110	18	61	5	82	1.3	5	<10	90	0.5	<2	4.67	33	61
0.6	0.9	18	724	76	56	12	44	0.48	5	<10	48	<0.5	<2	3.09	28	28
0.7	0.7	35	889	592	66	32	53	0.5	29	<10	47	<0.5	2	4.02	36	47
0.4	0.8	92	1100	45	120	15	154	1.6	23	<10	97	0.9	<2	4.75	36	234
0.2	0.7	59	851	35	33	15	58	0.69	4	<10	130	<0.5	<2	3.49	18	44
0.3	0.6	101	402	19	51	11	34	0.69	35	<10	51	<0.5	<2	2.09	42	66
0.2	<0.5	64	1600	<1	62	7	70	1.27	<2	<10	198	0.6	<2	7.13	21	158
0.4	4.5	414	316	14	80	50	578	2.79	46	<10	38	<0.5	<2	0.47	47	56
0.6	0.9	94	795	4	85	9	92	1.31	27	<10	36	<0.5	<2	1.39	46	166

0.3	0.8	145	1570	6	65	3	82	1.62	10	<10	58	<0.5	<2	4.5	38	85
<0.2	<0.5	8	281	<1	7	4	12	0.11	<2	<10	17	<0.5	<2	0.29	8	7
0.2	0.5	147	1320	<1	12	<2	61	1.77	3	<10	24	<0.5	<2	7.07	34	1
0.3	0.8	119	1460	2	41	9	92	1.21	19	<10	60	<0.5	<2	2.47	36	40
0.6	0.7	136	1300	2	79	4	109	1.65	3	<10	96	<0.5	<2	5.23	34	164
1.1	4.7	342	265	7	79	11	708	1.57	74	<10	17	0.9	3	0.21	58	110
0.6	1.1	77	1150	33	47	18	40	1.03	92	<10	19	<0.5	3	0.8	51	38

Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Na (%)	P (%)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Te (ppm)	Tl (ppm)	U (ppm)	V (ppm)
7.89	<10	<1	0.23	<10	1.33	0.025	0.029	1.65	5	6	7	0.04	5	<2	<10	54
9.26	10	<1	0.24	13	1.94	0.015	0.056	3.92	5	6	22	<0.01	<1	<2	<10	53
2.53	<10	<1	0.21	24	0.48	0.064	0.059	0.84	<2	1	39	<0.01	2	<2	<10	13
6.85	<10	<1	0.32	11	0.6	0.013	0.022	5.32	<2	2	9	<0.01	3	<2	<10	28
7.43	<10	<1	0.31	11	0.86	0.014	0.037	5.78	3	2	11	<0.01	3	<2	<10	33
8.55	<10	<1	0.28	<10	0.81	0.044	0.02	6.71	3	8	29	0.03	6	<2	<10	71
9.37	<10	1	0.33	12	0.98	0.015	0.025	5.98	5	4	5	<0.01	5	<2	<10	36
9.49	20	3	0.3	<10	2.37	0.03	0.055	0.83	5	22	85	0.19	3	<2	<10	203
7.63	<10	<1	0.27	16	1.21	0.016	0.057	0.71	4	2	6	<0.01	2	<2	<10	25
9.16	<10	<1	0.32	13	0.72	0.012	0.03	5.26	4	3	5	<0.01	2	<2	<10	28
8.66	<10	1	0.36	10	1.71	0.012	0.027	4.28	6	7	11	0.07	3	<2	<10	62
1.99	<10	<1	0.45	32	1.05	0.135	0.07	0.48	<2	5	146	0.08	4	<2	<10	42
8.44	<10	2	0.45	13	0.54	0.014	0.037	7.29	<2	3	10	0.01	10	<2	<10	34
5.54	<10	<1	0.35	15	1.3	0.031	0.036	1.89	4	5	8	0.18	<1	<2	<10	44
5.65	<10	<1	0.39	12	1.34	0.033	0.04	2.17	<2	6	12	0.16	3	<2	<10	50
5.41	<10	<1	0.43	14	1.42	0.018	0.045	1.69	3	4	22	0.16	2	<2	<10	35
6.04	10	<1	0.17	15	1.65	0.052	0.04	1.68	2	8	22	0.18	2	<2	<10	80
6.65	<10	<1	0.5	<10	2.46	0.046	0.015	0.96	<2	14	141	0.04	4	<2	<10	113
5.84	<10	<1	0.58	<10	3.06	0.074	0.011	0.81	4	17	182	0.07	<1	<2	<10	114
6.17	<10	<1	0.77	<10	3.2	0.076	0.007	0.31	2	24	183	0.1	3	<2	<10	158
6.04	<10	<1	0.53	<10	2.79	0.101	0.011	0.23	2	21	194	0.07	<1	<2	<10	128
1.49	<10	<1	0.24	16	0.52	0.077	0.037	0.13	<2	1	11	<0.01	2	<2	<10	12
8.01	<10	2	0.27	<10	0.59	0.042	0.016	7.09	3	4	19	0.01	6	<2	<10	36
7.96	<10	<1	0.13	<10	0.37	0.038	0.006	7.85	3	2	35	<0.01	7	<2	<10	20
9.93	<10	<1	0.38	<10	0.45	0.014	0.014	8.86	2	3	12	0.01	10	<2	<10	45
6.57	<10	<1	0.14	14	0.18	0.107	0.048	3.98	3	5	51	0.02	7	<2	<10	48

6.29	<10	<1	0.26	<10	0.43	0.105	0.038	3.76	4	5	33	0.05	3	<2	<10	33
10.2	<10	1	0.38	<10	0.8	0.037	0.027	8.31	4	6	59	0.02	<1	<2	<10	65
8.61	<10	<1	0.22	<10	0.15	0.042	0.017	6.92	5	2	18	<0.01	7	<2	<10	33
1.54	<10	<1	0.02	<10	0.06	0.063	0.021	1.14	<2	1	40	<0.01	<1	<2	<10	3
8.14	<10	2	0.31	<10	1.16	0.032	0.032	6.31	4	3	68	<0.01	4	2	<10	24
4.61	<10	<1	0.01	<10	1.84	0.063	0.022	0.1	3	6	63	0.26	5	<2	<10	81
6.55	10	<1	0.04	<10	1.98	0.035	0.027	0.16	5	12	20	0.12	2	<2	<10	179
6.04	<10	<1	0.02	<10	1.87	0.063	0.067	0.5	5	10	58	0.32	7	<2	<10	152
7.32	10	2	0.02	<10	1.91	0.064	0.044	0.12	4	10	70	0.38	2	<2	<10	153
6.57	<10	<1	0.02	<10	1.91	0.117	0.025	0.07	3	16	40	0.15	<1	<2	<10	261
3.99	<10	<1	0.01	<10	2.17	0.055	0.017	0.08	2	4	32	0.25	4	<2	<10	76
5.32	<10	<1	<0.01	<10	2.2	0.035	0.025	0.21	3	8	55	0.39	9	<2	<10	93
7.06	<10	<1	0.23	<10	2.39	0.038	0.02	0.34	4	14	38	0.12	2	<2	<10	138
3.82	<10	<1	0.17	<10	0.19	0.107	0.017	3.72	<2	<1	18	0.02	7	<2	<10	5
3	<10	<1	0.65	20	0.9	0.083	0.051	0.02	<2	6	89	0.22	3	<2	<10	48
0.68	<10	<1	0.09	<10	0.18	0.148	0.014	<0.01	<2	<1	80	0.05	2	<2	<10	9
6.82	10	<1	0.16	13	1.71	0.23	0.071	0.15	<2	8	42	0.4	4	<2	<10	199
5.05	10	<1	0.01	<10	0.98	0.119	0.04	0.1	3	10	380	0.47	9	<2	<10	183
7.09	10	<1	<0.01	<10	2.2	0.06	0.043	0.15	4	27	19	0.4	4	<2	<10	259

0.36	<10	<1	<0.01	<10	0.01	0.015	<0.001	<0.01	<2	<1	5	<0.01	2	<2	<10	3
3.69	<10	<1	<0.01	<10	1.08	0.026	0.011	0.04	2	13	22	<0.01	<1	<2	<10	104
11.7	20	<1	0.02	<10	3.33	0.022	0.037	0.52	2	38	46	0.02	<1	<2	<10	304
9.18	20	<1	<0.01	<10	2.67	0.022	0.038	0.18	3	33	73	0.01	<1	3	<10	269
6.96	10	<1	<0.01	<10	2.02	0.057	0.029	0.05	<2	13	222	0.42	1	<2	<10	182
8.1	10	2	0.07	11	2.39	0.124	0.069	0.2	4	12	19	0.63	1	<2	<10	227
1.07	<10	<1	<0.01	53	0.18	0.15	0.058	0.11	<2	2	42	0.11	3	<2	<10	24
9.12	10	<1	0.01	<10	2.02	0.057	0.043	0.62	2	14	12	0.37	<1	<2	<10	263
6.93	10	<1	0.02	10	2.2	0.055	0.068	0.03	<2	5	102	0.63	1	<2	<10	163
3.12	<10	<1	0.56	36	3.12	0.113	0.077	0.22	<2	8	511	0.08	7	2	<10	59
0.55	<10	<1	0.04	<10	0.07	0.032	0.199	0.01	<2	<1	55	0.02	<1	2	<10	14
4.22	<10	<1	0.11	<10	2.14	0.27	0.096	0.02	<2	10	47	0.21	<1	<2	<10	96
3.43	<10	<1	0.23	23	1.77	0.106	0.109	0.12	<2	6	163	0.27	<1	2	<10	86
3.34	<10	1	0.12	<10	0.92	0.096	0.051	0.29	11	6	56	0.14	2	<2	<10	65
2.84	<10	<1	0.65	26	0.81	0.101	0.049	0.01	2	5	94	0.23	<1	<2	<10	44
5.72	<10	<1	0.08	11	2.73	0.055	0.071	0.1	<2	7	64	0.31	1	<2	<10	96
5.61	10	<1	0.07	<10	2.41	0.098	0.096	0.08	3	7	86	0.36	1	<2	<10	105

4.18	<10	<1	0.68	<10	2.02	0.16	0.054	0.16	<2	8	48	0.29	4	<2	<10	98
2.14	<10	<1	0.07	<10	1.06	0.086	0.047	0.08	<2	4	35	0.12	<1	<2	<10	45
3.54	<10	<1	0.21	13	1.83	0.111	0.068	0.09	<2	6	85	0.25	<1	<2	<10	66
4.11	<10	<1	<0.01	<10	0.81	0.04	0.061	0.26	<2	6	390	0.56	6	<2	<10	137
6.9	10	<1	<0.01	<10	2.1	0.084	0.044	0.46	3	13	72	0.41	2	<2	<10	218
6.56	10	<1	0.19	<10	1.49	0.066	0.027	0.38	3	23	37	0.25	<1	<2	<10	198
7.33	10	<1	0.16	<10	1.82	0.069	0.026	0.39	3	25	43	0.32	<1	<2	<10	235
7.74	10	<1	0.03	<10	2.03	0.038	0.018	0.07	5	16	57	0.01	<1	3	<10	147
7.23	10	<1	0.03	<10	2.25	0.133	0.038	0.1	4	14	19	0.28	<1	<2	<10	208
7.32	10	<1	0.03	<10	2.01	0.112	0.045	0.11	4	14	62	0.34	2	<2	<10	194
3.88	<10	<1	0.02	14	1.57	0.05	0.05	0.52	<2	5	73	0.17	<1	<2	<10	59
1.34	<10	<1	<0.01	<10	0.23	0.025	0.003	0.16	<2	2	3	0.05	<1	<2	<10	25
7.05	10	<1	0.03	<10	1.92	0.131	0.041	0.17	2	13	54	0.39	<1	<2	<10	181
0.66	<10	<1	0.09	<10	0.12	0.08	0.007	<0.01	<2	<1	13	0.02	<1	<2	<10	8
0.5	<10	<1	0.14	<10	0.09	0.135	0.015	<0.01	<2	<1	27	0.05	<1	<2	<10	8
1.77	<10	<1	0.13	17	0.91	0.094	0.041	0.07	<2	3	157	0.16	5	<2	<10	38

2.08	<10	<1	0.49	20	1.09	0.126	0.049	0.06	<2	3	179	0.19	6	<2	<10	47
2.24	<10	<1	0.11	18	1.29	0.1	0.047	0.07	<2	4	155	0.2	3	<2	<10	50
3.43	<10	<1	0.15	32	1.59	0.147	0.105	0.08	<2	7	163	0.32	<1	<2	<10	92
2.91	<10	<1	0.21	14	1.39	0.056	0.075	0.04	<2	5	113	0.19	1	<2	<10	58
0.37	<10	<1	<0.01	<10	<0.01	0.021	<0.001	<0.01	<2	<1	11	<0.01	<1	<2	<10	<1
10.9	20	<1	0.07	22	3.75	0.028	0.1	0.02	6	17	85	<0.01	<1	2	<10	141
8.92	10	<1	<0.01	<10	3.03	0.038	0.041	0.38	3	20	69	0.4	<1	<2	<10	188
7.28	<10	2	<0.01	<10	2.5	0.037	0.032	0.27	3	16	63	0.35	1	<2	<10	156
6.69	10	<1	0.08	12	1.71	0.082	0.037	0.55	<2	16	13	<0.01	<1	<2	<10	145
8.11	10	<1	0.18	<10	2.75	0.03	0.035	0.08	4	13	18	<0.01	<1	<2	<10	134
8.7	10	2	<0.01	<10	2.96	0.047	0.046	0.73	3	23	42	0.38	1	<2	<10	199
8.45	10	<1	0.08	<10	2.63	0.034	0.036	1.15	4	15	49	<0.01	<1	<2	<10	128

8.74	10	3	0.08	<10	2.88	0.063	0.041	0.91	3	20	53	<0.01	<1	5	<10	161
7.66	<10	<1	0.15	<10	2.66	0.06	0.032	0.9	2	15	64	<0.01	<1	<2	<10	124
7.85	<10	<1	0.15	<10	2.26	0.057	0.038	1.4	4	17	59	<0.01	<1	<2	<10	126
1.59	<10	<1	0.44	41	0.28	0.154	0.068	0.04	<2	<1	83	<0.01	<1	<2	<10	8
2.45	<10	<1	0.31	13	0.56	0.251	0.03	0.18	<2	3	112	<0.01	<1	<2	<10	21
8.72	10	2	0.22	<10	2.45	0.027	0.043	0.48	4	17	71	<0.01	<1	<2	<10	132
8.85	10	2	0.15	<10	2.88	0.043	0.041	0.45	5	23	67	<0.01	<1	2	<10	183
2.23	<10	<1	0.5	15	0.42	0.17	0.029	0.13	<2	2	64	<0.01	<1	<2	<10	18
8.25	10	<1	0.12	<10	3.01	0.024	0.043	0.34	5	18	62	<0.01	<1	<2	<10	139
7.76	10	<1	0.51	10	1.12	0.095	0.014	0.93	3	10	43	<0.01	<1	<2	<10	91
4.19	<10	<1	0.63	12	0.61	0.11	0.023	0.48	<2	10	56	<0.01	2	<2	<10	82

1.95	<10	<1	0.1	<10	0.06	0.093	0.012	0.02	<2	2	13	<0.01	<1	<2	<10	10
6.25	<10	<1	0.49	<10	0.75	0.118	0.032	1.1	2	8	50	<0.01	<1	<2	<10	68
1.83	<10	<1	0.73	36	0.13	0.119	0.062	0.22	<2	1	41	<0.01	<1	<2	<10	15
1.71	<10	<1	0.36	16	0.09	0.217	0.025	0.09	<2	1	33	<0.01	<1	<2	<10	12
3.98	10	<1	0.62	15	0.3	0.146	0.018	2.68	2	2	63	<0.01	<1	<2	<10	17
4.33	<10	<1	0.29	12	0.28	0.181	0.018	0.85	2	1	128	<0.01	<1	<2	<10	12
1.68	<10	<1	0.46	13	0.05	0.158	0.021	0.29	<2	<1	50	<0.01	1	<2	<10	7
1.51	<10	<1	0.41	16	0.33	0.146	0.02	0.19	<2	1	32	<0.01	<1	<2	<10	11
2.19	<10	<1	0.46	23	0.35	0.161	0.055	0.52	<2	1	69	<0.01	<1	<2	<10	13
4.17	<10	<1	0.42	12	0.4	0.152	0.021	1.49	3	2	73	<0.01	<1	<2	<10	13
1.06	<10	<1	0.29	<10	0.12	0.117	0.01	0.1	<2	<1	23	<0.01	4	<2	<10	7

0.83	<10	<1	<0.01	<10	0.16	0.067	0.009	0.04	<2	1	37	<0.01	<1	<2	<10	10
8.96	10	1	<0.01	<10	3.46	0.044	0.03	0.4	4	29	19	0.02	<1	<2	<10	224
8	10	<1	0.15	<10	2.6	0.061	0.033	0.22	4	19	58	<0.01	<1	<2	<10	130
8.62	10	<1	0.11	11	3.02	0.032	0.05	0.52	3	20	25	<0.01	<1	<2	<10	170
1.13	<10	<1	0.02	<10	0.03	0.016	0.003	<0.01	<2	<1	5	<0.01	<1	<2	<10	7
8.87	<10	<1	0.28	<10	2.37	0.046	0.028	0.57	3	24	143	<0.01	<1	<2	<10	337
1.98	<10	<1	0.51	33	0.32	0.163	0.071	0.15	<2	2	120	<0.01	<1	<2	<10	18
5.67	<10	<1	0.62	13	0.49	0.181	0.035	1.92	4	6	76	<0.01	<1	<2	<10	45
18.3	<10	2	0.21	<10	0.41	0.073	0.031	8.7	6	4	27	<0.01	<1	<2	<10	33
19.9	<10	<1	0.16	<10	0.46	0.055	0.026	9.93	7	3	25	<0.01	<1	<2	<10	31
13.1	<10	2	0.27	<10	0.58	0.098	0.047	6.31	5	5	41	<0.01	4	<2	<10	40

5.01	<10	<1	0.52	13	0.19	0.143	0.031	0.9	2	5	55	<0.01	<1	<2	<10	41
3.1	<10	<1	0.45	16	0.24	0.184	0.031	0.2	<2	2	68	<0.01	<1	<2	<10	19
2.23	<10	<1	0.33	24	0.39	0.061	0.012	0.09	<2	2	33	<0.01	<1	<2	<10	8
7.25	<10	<1	0.23	<10	2.56	0.14	0.016	0.18	4	11	148	<0.01	<1	<2	<10	56
4.92	<10	<1	0.56	14	0.66	0.136	0.033	0.21	3	6	63	<0.01	<1	<2	<10	51
2.99	10	<1	0.51	29	0.8	0.164	0.08	0.85	<2	2	195	<0.01	<1	<2	<10	26
1.59	<10	<1	0.57	<10	0.57	0.159	0.03	0.49	<2	2	75	<0.01	<1	<2	<10	19
3.17	<10	<1	0.5	10	0.72	0.226	0.028	1.33	<2	2	99	<0.01	7	<2	<10	18
1.87	<10	<1	0.44	16	0.21	0.164	0.024	1.16	<2	1	56	<0.01	3	<2	<10	10
1.26	<10	<1	0.45	<10	0.09	0.189	0.025	1.02	<2	2	52	<0.01	<1	<2	<10	12
2.31	<10	<1	0.44	26	0.32	0.163	0.023	0.72	<2	2	50	<0.01	2	<2	<10	11

1.43	<10	<1	0.12	<10	0.3	0.15	0.014	0.04	<2	<1	54	<0.01	<1	<2	<10	7
6.97	10	<1	0.41	14	1.38	0.09	0.049	0.32	<2	11	196	<0.01	<1	<2	<10	102
1.23	<10	<1	0.26	<10	0.2	0.069	0.02	0.05	<2	2	123	0.03	<1	<2	<10	18
2.19	<10	<1	0.58	26	0.55	0.105	0.053	0.07	<2	3	207	0.04	3	<2	<10	30
5.04	<10	<1	0.44	13	1.2	0.077	0.04	0.35	<2	16	77	0.14	<1	<2	<10	103
2.41	<10	<1	0.25	19	0.51	0.11	0.026	0.1	<2	3	113	0.05	<1	<2	<10	26
3.01	<10	<1	0.11	20	0.43	0.124	0.043	0.28	<2	2	33	0.11	<1	<2	<10	20
4.1	<10	<1	0.12	15	0.77	0.126	0.089	0.49	<2	7	34	0.13	4	<2	<10	46
3.56	<10	<1	0.01	10	0.43	0.123	0.08	0.9	<2	5	39	0.11	<1	<2	<10	42
6.15	10	2	0.12	25	0.84	0.101	0.13	0.25	<2	7	30	0.16	2	<2	<10	72
2.16	<10	<1	<0.01	<10	0.61	0.017	0.014	0.19	<2	3	10	<0.01	<1	<2	<10	30
4.15	<10	<1	0.13	<10	1.08	0.137	0.09	0.26	9	7	23	0.2	<1	<2	<10	80
2.4	<10	<1	0.08	<10	0.51	0.182	0.035	0.12	<2	4	20	0.12	<1	<2	<10	46
4.91	<10	<1	0.11	<10	0.97	0.129	0.06	0.61	<2	7	34	0.32	3	<2	<10	85

5.62	10	<1	0.05	11	1.25	0.097	0.137	0.08	3	12	37	0.21	6	<2	<10	123
3.46	<10	<1	0.01	<10	0.62	0.103	0.138	0.3	<2	7	28	0.17	1	<2	<10	66
2.79	<10	<1	0.01	<10	0.62	0.126	0.082	0.07	<2	7	15	0.12	<1	<2	<10	50
6.59	<10	<1	0.13	<10	2.66	0.111	0.023	0.55	3	10	22	0.27	1	3	<10	112
11.3	10	2	0.87	<10	0.96	0.179	0.05	8.82	4	17	18	0.13	8	3	<10	241
4.33	<10	<1	0.43	<10	1.23	0.09	0.049	3.04	<2	9	267	0.03	<1	<2	<10	57
7.38	10	3	0.77	12	0.9	0.141	0.07	4.8	4	12	122	0.09	4	<2	<10	133
5.61	<10	2	1.76	79	3.58	0.135	0.367	0.41	2	10	377	0.18	<1	<2	<10	184
3.72	<10	<1	0.1	24	5.45	0.019	0.052	0.06	2	11	412	0.01	<1	3	<10	73
9.34	10	2	0.82	11	1.06	0.14	0.048	7.38	3	14	76	0.1	3	<2	<10	131
5.83	10	2	1.34	18	3.09	0.151	0.129	1.3	<2	20	290	0.18	2	<2	<10	150
6.15	10	<1	0.24	19	1.61	0.105	0.064	2.58	<2	12	61	0.08	<1	5	<10	155
6.74	<10	1	0.56	16	1.52	0.086	0.056	4.03	3	10	94	0.02	1	<2	<10	114
5.24	<10	<1	1.6	38	5.44	0.064	0.127	0.46	3	17	457	0.16	<1	3	<10	128
8.39	<10	<1	0.54	<10	0.91	0.135	0.046	3.72	2	14	136	0.18	2	<2	<10	137
8.49	<10	2	0.37	15	0.28	0.155	0.041	4.34	4	9	74	0.04	7	<2	<10	58
6.58	<10	1	0.71	<10	1.01	0.066	0.044	4.43	3	7	83	0.04	<1	<2	<10	65
6.29	10	<1	0.54	16	6.13	0.054	0.115	0.38	3	21	355	0.08	<1	4	<10	160
6.28	<10	1	0.25	11	0.72	0.139	0.033	4.56	2	7	75	0.02	4	<2	<10	54

7.69	<10	2	0.32	11	0.34	0.143	0.019	4.88	3	7	39	0.03	<1	2	<10	76
21.8	10	<1	0.1	<10	1.81	0.019	0.013	2.56	10	12	3	0.11	<1	<2	<10	140
6.3	10	2	0.73	56	5.35	0.042	0.217	0.09	3	16	487	0.03	<1	4	<10	116
7.4	<10	3	0.4	<10	0.82	0.071	0.022	6.63	<2	7	52	0.01	5	<2	<10	62
7.57	<10	1	0.15	<10	0.27	0.125	0.009	6.12	3	4	8	0.01	4	<2	<10	76
5.51	<10	<1	1.43	49	4.97	0.07	0.214	0.42	<2	14	534	0.13	1	4	<10	121
9.72	10	2	0.86	<10	2.13	0.087	0.053	1.65	6	23	140	0.25	<1	<2	<10	299
6.46	10	1	1.55	37	4.89	0.1	0.232	0.82	3	16	563	0.14	<1	4	<10	177
8.17	10	3	0.63	<10	2.92	0.083	0.041	1.33	4	17	260	0.17	<1	3	<10	168
9.51	10	<1	0.63	<10	1.33	0.078	0.036	5.41	5	14	13	0.14	5	<2	<10	120
9.95	<10	3	0.8	<10	1.12	0.179	0.03	7.4	5	15	81	0.17	5	<2	<10	112
8.87	<10	<1	0.23	<10	0.29	0.106	0.014	7.44	4	6	23	0.04	5	<2	<10	61
0.99	<10	<1	0.02	<10	0.11	0.074	0.017	0.5	<2	1	62	<0.01	<1	<2	<10	3
9.78	10	1	0.71	<10	2.51	0.124	0.046	0.55	5	22	237	0.25	4	<2	<10	278
7.85	<10	2	0.5	<10	0.8	0.109	0.031	6.23	3	10	11	0.06	1	<2	<10	70
8.33	<10	<1	0.61	<10	0.84	0.072	0.036	7.09	3	8	46	0.06	7	<2	<10	81
6.66	<10	<1	1.32	28	3.99	0.044	0.235	1.64	4	13	634	0.18	2	<2	<10	164
5.86	<10	1	1.57	43	5.79	0.047	0.224	0.21	<2	14	717	0.19	2	3	<10	152
7.45	<10	1	0.27	<10	1.19	0.018	0.042	5.86	3	4	55	0.01	1	4	<10	31

8.34	<10	1	0.37	<10	0.36	0.028	0.021	7.1	5	3	12	0.02	4	<2	<10	46
1.89	<10	<1	0.11	19	0.34	0.123	0.066	0.93	<2	4	59	0.02	<1	<2	<10	24
6.07	<10	1	0.11	<10	1.04	0.02	0.038	4.47	<2	2	59	<0.01	<1	<2	<10	27
10.6	<10	2	0.3	<10	0.27	0.032	0.02	9.21	4	3	6	<0.01	7	<2	<10	39
7.49	<10	1	0.4	<10	1.13	0.039	0.031	6	2	5	72	0.02	<1	<2	<10	47
6.6	<10	<1	0.5	<10	0.82	0.071	0.032	5.43	<2	7	60	0.04	3	<2	<10	74
4.72	<10	<1	0.37	<10	1.15	0.03	0.076	1.17	<2	5	254	0.13	2	<2	<10	42
13.5	<10	<1	0.61	<10	1.27	0.032	0.048	1.87	4	10	159	0.17	<1	<2	<10	196
12.5	<10	2	0.25	<10	0.9	0.019	0.036	2.9	5	4	71	0.09	<1	<2	<10	90
13.5	<10	1	0.21	<10	0.76	0.019	0.037	7.27	5	4	55	0.06	2	<2	<10	67
8.38	10	3	1.02	15	2.17	0.074	0.07	0.65	3	26	192	0.24	3	3	<10	291
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7.62	10	<1	0.33	17	4.79	0.031	0.089	0.5	2	19	482	0.1	<1	<2	<10	204
3.64	<10	<1	0.16	<10	0.18	0.111	0.016	3.4	2	<1	19	0.02	3	<2	<10	5
2.53	<10	<1	0.74	20	0.79	0.073	0.047	0.02	<2	5	70	0.19	<1	<2	<10	42
10.2	<10	<1	0.27	<10	0.55	0.018	0.026	6.73	5	2	25	<0.01	3	<2	<10	24
7.13	<10	3	0.6	38	3.53	0.077	0.254	2.66	<2	9	654	0.07	<1	<2	<10	148
7.54	<10	<1	0.31	<10	0.81	0.019	0.011	5.57	4	2	20	<0.01	4	<2	<10	24
8.33	10	2	1.09	22	2.92	0.053	0.096	0.73	3	21	179	0.22	<1	<2	<10	188
9.75	<10	<1	0.27	15	1.24	0.027	0.114	8.54	5	6	174	<0.01	1	<2	<10	27

1.36	<10	<1	0.07	36	0.43	0.09	0.059	0.63	<2	1	63	<0.01	<1	<2	<10	7
7.35	<10	2	0.34	<10	1.38	0.022	0.046	4.06	<2	3	66	<0.01	<1	<2	<10	28
1.36	<10	<1	0.08	15	0.58	0.084	0.05	0.44	<2	2	83	<0.01	<1	<2	<10	6
4.07	<10	<1	0.18	<10	0.74	0.045	0.031	1.4	<2	2	84	<0.01	<1	<2	<10	9
8.52	<10	1	0.22	<10	1	0.02	0.023	4.44	5	2	10	<0.01	1	<2	<10	22
9.67	<10	<1	0.25	<10	0.8	0.018	0.042	5.56	4	2	6	<0.01	2	<2	<10	24
7.62	<10	<1	0.27	<10	0.75	0.02	0.03	4.32	4	2	5	<0.01	<1	<2	<10	24
8.73	<10	2	0.27	<10	0.37	0.02	0.035	5.65	4	2	18	<0.01	4	<2	<10	13
9.36	<10	<1	0.27	<10	0.86	0.021	0.029	5.41	5	2	25	<0.01	<1	<2	<10	18
10.2	<10	<1	0.23	<10	1.13	0.018	0.031	5.99	4	2	15	<0.01	5	<2	<10	21
11.3	<10	1	0.16	<10	2.6	0.023	0.035	3.49	4	3	96	<0.01	<1	<2	<10	40
2.5	<10	<1	0.42	18	0.74	0.125	0.055	0.49	<2	9	93	0.08	<1	<2	<10	86
2.06	<10	<1	0.11	11	0.31	0.086	0.053	0.94	<2	5	178	0.02	4	<2	<10	17
8.22	20	2	2.7	<10	3.93	0.065	0.011	1.17	2	36	188	0.34	2	<2	<10	247
1.78	<10	<1	0.41	25	0.62	0.14	0.056	0.46	<2	4	66	0.06	2	2	<10	46
1.38	<10	<1	0.16	17	0.36	0.162	0.048	0.36	<2	3	26	0.02	<1	<2	<10	22
7.9	10	<1	0.29	<10	3.4	0.036	0.021	0.15	4	24	53	0.05	4	<2	<10	157

13.8	20	1	0.11	<10	2.12	0.035	0.041	0.19	4	20	200	0.16	<1	3	<10	232
5.99	<10	1	0.73	<10	1.41	0.169	0.059	2.85	<2	15	217	0.21	6	<2	<10	116
1.81	<10	<1	0.33	25	0.64	0.258	0.059	0.43	<2	4	56	0.05	<1	<2	<10	45
5.47	<10	1	0.39	<10	3.24	0.044	0.015	0.05	<2	10	94	0.09	<1	<2	<10	67
5.69	<10	2	1.11	40	4.64	0.085	0.23	1.02	<2	16	459	0.14	<1	3	<10	134
4.56	<10	<1	1.17	33	4.44	0.128	0.163	0.21	<2	14	448	0.12	3	<2	<10	104
8.21	<10	2	0.19	<10	0.86	0.094	0.063	6.11	4	8	89	0.03	5	<2	<10	66
5.71	<10	<1	1.2	43	4.75	0.091	0.361	0.23	<2	12	360	0.1	3	5	<10	178
6.93	<10	2	0.5	<10	0.42	0.045	0.022	6.26	3	4	28	0.01	3	<2	<10	38
6.4	<10	1	1.17	20	4.72	0.075	0.106	1.09	3	17	354	0.13	1	3	<10	129
7.47	<10	2	0.23	<10	1.3	0.091	0.042	4.27	3	11	66	0.02	<1	<2	<10	82
4.4	<10	<1	0.54	<10	0.5	0.031	0.038	3.09	<2	3	44	0.01	<1	<2	<10	29
5.9	<10	1	0.74	10	1.36	0.194	0.059	3.55	<2	12	118	0.13	4	<2	<10	95
6.56	<10	2	0.65	<10	0.88	0.036	0.051	4.99	<2	5	73	0.06	3	<2	<10	67
6.28	<10	3	0.65	<10	0.87	0.028	0.044	4.61	<2	4	52	0.02	3	<2	<10	49
8.84	<10	1	0.14	17	0.97	0.145	0.04	6.48	4	13	42	0.03	2	3	<10	123
5.25	<10	<1	0.51	13	1.38	0.205	0.055	3.08	2	14	100	0.09	2	2	<10	111
4.51	<10	<1	0.25	48	0.7	0.134	0.038	3.02	<2	8	94	0.04	4	<2	<10	51
7.77	<10	1	0.88	11	3.29	0.12	0.051	0.62	2	29	215	0.12	<1	<2	<10	220
3.59	<10	<1	0.1	32	1.34	0.172	0.095	1.47	<2	8	141	0.02	2	<2	<10	37
6.23	<10	<1	0.49	<10	3.25	0.054	0.021	0.27	3	8	157	0.01	<1	<2	<10	60
4.24	<10	<1	1.44	<10	2.25	0.089	0.01	0.27	<2	22	336	0.15	<1	4	<10	103
7.16	10	2	1.38	<10	4.18	0.065	0.027	0.25	3	29	128	0.21	2	5	<10	196

2.21	<10	<1	0.05	<10	0.64	0.053	0.006	0.71	<2	7	57	0.02	<1	<2	<10	37
4.86	<10	2	0.33	37	5.77	0.034	0.196	0.22	2	10	423	<0.01	<1	<2	<10	66
6.5	<10	2	0.14	<10	5.93	0.024	0.087	2.36	2	12	513	<0.01	6	<2	<10	23
5.11	<10	<1	0.54	<10	4.94	0.059	0.027	1.13	<2	14	398	0.06	<1	<2	<10	66
5.78	<10	2	0.47	13	2.36	0.113	0.098	1.83	2	14	228	0.04	3	<2	<10	84
6.81	<10	1	0.85	14	2.31	0.117	0.075	0.83	<2	16	223	0.08	4	<2	<10	146
1.77	<10	<1	0.12	<10	1.52	0.034	0.006	0.07	<2	5	120	<0.01	<1	<2	<10	17
4.32	<10	<1	0.18	11	4.02	0.047	0.076	0.91	<2	12	359	0.01	2	<2	<10	18
6.8	<10	1	0.46	21	2.2	0.187	0.089	4.7	3	13	174	0.06	<1	<2	<10	44
5.76	<10	<1	0.76	<10	2	0.122	0.032	1.52	3	20	190	0.08	2	<2	<10	124
7.15	10	1	2.48	<10	3.87	0.109	0.018	0.33	2	29	93	0.27	2	5	<10	195
4.52	<10	<1	0.27	15	0.74	0.099	0.066	2.78	<2	5	152	0.09	<1	<2	<10	32
9.82	<10	<1	0.46	<10	0.97	0.024	0.013	6.49	<2	3	48	0.06	2	<2	<10	42
7.89	<10	2	0.42	<10	1.03	0.026	0.021	5.92	4	3	22	<0.01	<1	<2	<10	25
9.31	<10	2	0.4	<10	0.91	0.024	0.033	5.64	5	3	17	<0.01	2	<2	<10	30
6.85	<10	2	0.25	<10	0.61	0.024	0.022	4.71	2	1	13	<0.01	2	<2	<10	11
9.27	<10	<1	0.25	<10	0.37	0.022	0.02	8.76	4	2	7	<0.01	2	<2	<10	23
3.74	<10	<1	0.16	<10	0.18	0.114	0.016	3.52	2	<1	19	0.02	2	<2	<10	5
2.97	<10	<1	0.82	26	0.81	0.105	0.048	0.12	<2	5	69	0.21	<1	<2	<10	44
13.6	<10	1	0.22	<10	0.38	0.027	0.021	4.62	6	5	15	0.03	4	<2	<10	47
1.81	<10	<1	0.05	26	0.32	0.148	0.056	0.41	<2	2	43	<0.01	2	<2	<10	18
5.46	<10	2	0.68	<10	1.06	0.085	0.077	2.28	<2	12	166	0.22	3	<2	<10	123
8.37	<10	1	0.27	<10	1.7	0.043	0.044	1.38	2	9	145	0.04	<1	<2	<10	67
1.62	<10	<1	0.08	29	0.4	0.129	0.055	0.21	<2	2	53	0.02	1	<2	<10	21
12.1	10	3	0.23	<10	2.37	0.033	0.073	4.52	4	12	95	0.15	2	<2	<10	129
8.21	<10	1	0.26	<10	1.26	0.062	0.094	4.61	3	8	125	0.05	2	<2	<10	53

9.59	<10	2	0.32	<10	0.55	0.024	0.028	4.89	5	3	13	<0.01	6	<2	<10	20
8.89	<10	1	0.41	<10	0.51	0.026	0.014	5.52	5	3	14	<0.01	2	<2	<10	23
9.04	<10	<1	0.3	<10	0.75	0.02	0.024	5.1	5	3	4	<0.01	1	<2	<10	25
8.15	<10	4	0.46	<10	0.87	0.024	0.048	4.34	3	3	26	<0.01	<1	<2	<10	36
7.43	<10	<1	0.48	<10	0.92	0.03	0.049	4.04	3	3	44	<0.01	<1	<2	<10	22
9.61	<10	<1	0.38	10	0.89	0.022	0.029	6.04	7	3	8	<0.01	2	<2	<10	25
8.89	<10	1	0.35	<10	1.04	0.021	0.023	6.98	3	3	34	<0.01	2	<2	<10	28
5.11	<10	2	0.45	10	0.63	0.024	0.025	3.81	3	2	55	<0.01	1	<2	<10	14
5.87	<10	1	0.3	<10	0.33	0.026	0.034	3.15	2	2	11	<0.01	3	<2	<10	21
7.83	<10	1	0.49	<10	0.47	0.033	0.022	6.1	4	3	57	0.05	4	<2	<10	33
8.19	<10	<1	0.45	17	0.94	0.024	0.028	4.19	5	5	5	<0.01	4	<2	<10	42
9.37	<10	2	0.36	<10	0.82	0.029	0.083	8.01	5	3	69	<0.01	5	<2	<10	26
10.6	<10	<1	0.34	<10	0.52	0.023	0.015	7.05	3	3	25	<0.01	2	<2	<10	22
7.3	<10	1	0.45	11	0.91	0.063	0.031	4.56	<2	6	92	0.07	2	<2	<10	82
9.82	<10	<1	0.22	10	0.53	0.124	0.017	8.33	4	6	70	0.08	2	<2	<10	71
5.69	<10	<1	0.49	12	0.2	0.027	0.022	3.3	3	2	10	<0.01	3	<2	<10	17
8.93	<10	2	0.34	<10	0.39	0.021	0.02	6.41	3	2	6	<0.01	<1	<2	<10	24

9.79	<10	<1	0.54	<10	0.88	0.021	0.015	7.89	5	4	12	0.04	5	<2	<10	52
10.4	<10	2	0.39	<10	0.39	0.02	0.025	8.99	5	2	7	0.02	6	<2	<10	22
7.2	10	<1	0.93	18	4.38	0.052	0.078	0.31	3	30	302	0.15	<1	<2	<10	181
2.43	<10	<1	0.2	24	0.7	0.106	0.063	1.33	<2	5	269	0.01	<1	<2	<10	22
5.55	<10	2	0.19	<10	2.02	0.074	0.123	3.5	2	12	209	<0.01	5	<2	<10	35
4.33	<10	<1	0.26	<10	1.13	0.035	0.011	0.56	<2	7	113	0.07	4	<2	<10	39
7.28	<10	2	0.89	<10	3.18	0.103	0.023	0.42	3	34	255	0.19	1	3	<10	192
6	<10	1	0.09	12	0.9	0.083	0.052	1.58	2	8	161	<0.01	<1	2	<10	75
5.6	<10	<1	0.45	17	1.6	0.084	0.064	0.73	<2	7	282	0.01	2	<2	<10	84
6.6	<10	<1	0.12	<10	1.06	0.137	0.064	2.62	<2	12	162	0.02	4	<2	<10	88
3.91	<10	<1	0.5	28	4.95	0.07	0.037	0.11	<2	11	535	0.06	10	<2	<10	76
5.49	<10	<1	0.89	24	4.85	0.061	0.117	1.16	3	16	475	0.11	<1	<2	<10	126
3.45	<10	<1	0.29	<10	1.11	0.095	0.018	1.67	<2	7	119	0.04	2	<2	<10	28
5.71	<10	1	1.63	23	5.12	0.082	0.071	0.87	<2	17	495	0.14	3	<2	<10	89
5.18	<10	3	0.78	<10	2.36	0.109	0.049	1.49	7	11	189	0.13	4	<2	<10	94
2.27	<10	<1	0.39	16	1.35	0.078	0.035	0.43	<2	5	116	0.04	4	<2	<10	39
3.38	<10	<1	0.14	<10	0.84	0.138	0.014	1.88	<2	5	100	0.02	<1	<2	<10	18
6.33	<10	2	0.19	15	2.14	0.083	0.075	4.24	<2	10	211	0.03	<1	<2	<10	66
6.48	10	1	0.31	51	6.74	0.065	0.147	0.09	3	19	566	0.05	5	<2	<10	154

6.09	10	2	1.79	47	5.89	0.088	0.184	0.21	<2	17	471	0.17	<1	<2	<10	169
5.67	<10	1	0.69	17	2.72	0.141	0.103	1.51	2	15	269	0.09	2	<2	<10	117
5.14	<10	<1	0.41	<10	1.62	0.095	0.017	2.31	<2	9	149	0.06	1	<2	<10	71
6.79	<10	2	0.36	<10	1.91	0.089	0.04	5.15	<2	8	184	0.05	4	<2	<10	82
5.88	<10	1	0.26	<10	3.28	0.068	0.042	0.44	3	12	275	0.04	<1	<2	<10	118
5.59	<10	<1	0.22	<10	1.59	0.124	0.067	3.16	<2	10	154	0.1	<1	<2	<10	67
7.79	<10	<1	0.22	<10	2.17	0.057	0.024	2.38	<2	12	188	0.13	3	<2	<10	103
6.48	<10	1	0.81	<10	2.36	0.117	0.032	2.18	<2	13	229	0.11	<1	2	<10	103
8.93	10	3	0.4	15	3.29	0.066	0.045	1.65	4	19	239	0.07	<1	3	<10	223
5.78	<10	<1	0.5	<10	2.32	0.111	0.108	1.29	<2	13	222	0.06	1	<2	<10	93
6.98	<10	<1	0.32	14	1.67	0.092	0.029	4.93	<2	10	157	0.08	2	<2	<10	106
11.7	<10	1	0.43	<10	1.14	0.029	0.023	9.7	3	7	71	0.03	8	<2	<10	56
4.52	<10	<1	0.23	<10	1.26	0.111	0.028	2.86	<2	7	126	0.04	2	<2	<10	35
5.33	<10	<1	0.59	<10	2.36	0.121	0.036	2.04	<2	12	204	0.09	4	<2	<10	78
6.3	<10	<1	0.26	<10	1.12	0.134	0.045	5.02	<2	9	121	0.04	2	<2	<10	63
5.39	<10	<1	0.25	16	1.43	0.112	0.013	3.53	<2	7	134	0.05	5	<2	<10	45
8.84	10	<1	2.22	<10	2.54	0.078	0.049	0.84	<2	30	204	0.37	4	7	<10	414

5.63	<10	<1	0.04	12	1.68	0.021	0.017	3.49	<2	7	114	<0.01	3	2	<10	78
5.35	<10	<1	0.03	12	1.78	0.02	0.014	2.97	<2	7	110	<0.01	4	<2	<10	86
5.54	<10	<1	0.62	<10	2.61	0.092	0.089	2.04	<2	17	310	0.12	3	2	<10	89
4.18	<10	<1	0.43	<10	0.95	0.121	0.124	2.37	<2	10	155	0.07	2	<2	<10	69
6.71	<10	<1	1.53	<10	2.74	0.087	0.081	1.49	<2	18	187	0.26	2	<2	<10	164
7.32	<10	2	0.79	<10	1.93	0.091	0.042	4.7	2	14	127	0.13	<1	<2	<10	174
7.48	<10	<1	0.88	<10	2.39	0.095	0.019	3.35	<2	16	287	0.17	4	<2	<10	101
4.3	<10	<1	0.14	<10	1.23	0.085	0.014	2.75	<2	7	154	0.03	4	<2	<10	21
7.52	<10	2	0.97	<10	2.69	0.099	0.025	2.4	3	18	236	0.22	3	<2	<10	152
4.98	<10	<1	0.27	<10	1.28	0.116	0.014	3.58	<2	7	155	0.05	3	<2	<10	43
5.19	<10	<1	0.29	<10	1.66	0.133	0.03	3.44	<2	9	219	0.04	1	<2	<10	38
7.07	<10	2	1.32	11	3.44	0.082	0.105	2.9	2	17	281	0.17	5	5	<10	172
4.26	<10	<1	0.45	29	1.69	0.159	0.146	1.82	<2	10	228	0.07	2	2	<10	71
6.85	<10	2	0.42	<10	1.3	0.065	0.01	5.4	2	8	94	0.08	5	<2	<10	107
3.84	<10	<1	1.02	28	2.07	0.09	0.103	0.3	<2	16	389	0.18	<1	3	<10	105
8.82	<10	<1	0.19	19	2.09	0.032	0.177	3.93	3	6	22	0.01	4	<2	<10	74
8.16	<10	2	0.85	<10	1.46	0.08	0.044	4.98	<2	13	62	0.15	3	<2	<10	131

7.58	<10	<1	0.07	19	2.01	0.052	0.106	2.43	3	14	170	0.07	4	<2	<10	129
1.57	<10	<1	0.02	<10	0.07	0.073	0.023	0.75	<2	2	9	<0.01	<1	<2	<10	3
8.85	<10	<1	0.01	<10	2.16	0.041	0.032	1.26	3	27	202	0.11	4	4	<10	394
6.65	<10	2	0.06	<10	0.84	0.058	0.051	2.56	2	10	48	0.05	3	<2	<10	96
7.9	<10	<1	0.79	<10	3.13	0.052	0.09	2.4	3	15	246	0.16	<1	4	<10	129
11.2	<10	<1	0.73	<10	1.4	0.097	0.04	6.07	4	20	19	0.17	8	<2	<10	169
10.8	<10	2	0.13	<10	1.04	0.04	0.009	7.08	4	5	30	<0.01	3	<2	<10	28

W (ppm)	Y (ppm)	Zr (ppm)	Au + 100 mesh (g/mt)	Au - 100 mesh (A) g/mt	Au - 100 mesh (B) g/mt	Total Au g/mt	+ 100 mesh (g)	- 100 mesh (g)	Total Weight (g)	Ag (g/mt)	File Number
<10	5	39									
<10	4	43									
<10	4	2									
<10	4	68									
<10	5	80									
<10	4	52									
<10	5	62									
<10	12	8									
<10	3	5									
12	5	60									
<10	7	61									
<10	5	23									
<10	6	82									
<10	11	36									
11	7	47									
<10	9	46									
<10	9	35									
<10	3	8									
<10	2	7									
<10	3	8									
<10	3	10									
<10	2	1									
<10	4	45									
<10	2	31									
<10	5	68									
<10	4	34									

<10	4	29
<10	5	68
<10	2	34
<10	2	9
<10	7	79
<10	6	2
<10	6	2
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<10	1	5
<10	13	13
<10	1	17
<10	13	15
<10	12	6
<10	17	4

<10	<1	<1
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Castlewood Lake Project
Plan Map of 2009
Prospecting GPS Tracks
Legend
Prospecting GPS Tracks
09/09
09/02/09
09/10/09
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09/19/09
09/30/09
10/06/09
Grid_Lines
Claim Agreement
Option
Owned
Other Claims
Major Road
Secondary Road
Trail
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N
Map Scale: 1:5,000
Projection: UTM zone 16N, NAD 83
Date: 07 Jun 2011
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GOLD INCORPORATED
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Sample Number	Date	Sampler	UTM East (NAD 83)	UTM North (Nad 83)	Elevation (m)	Channel	Azimuth	From (m)	To (m)	Length (m)	Notes	Rock Type Code	Altn Code	Minz Code	Description	Au (ppb)
C56601	19-May-10	SF, SR	447710.77	5536216.93	284.18	Centurion (Channel: CWL-CEN-CX-001)	170	0.00	0.30	0.30		1E	CHL, CB	PY	Mafic Pillow Flow - greyish green colour, mafic composition, moder CHL, strong CB (calcite), weak-moderately sheared, <1% QCS, non magnetic, <1% sulfide	39
C56602	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	170	0.30	0.95	0.65		6G, 3I	CB	PY	Quartz Feldspar Porphry/Felsic-Intermediate Crystal Tuff, light greenish gray colour, felsic-intermediate composition, 5-20% quartz and feldspar phenocrysts/crystals, strong pervasive CB (calcite), 5 cm wide chlorite shear, moderately sheared, <1% QCS, <1% PY, non-magnetic	<5
C56603	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	170	0.95	1.25	0.30		1E	CHL, CB	PY	Mafic Pillow Flow - grey green colour, mafic composition, moderate to strong CHL, moderate CB in matrix, 10-15% QCS/QS parallel to shearing, strongly sheared, <1% PY, non magnetic	<5
C56604	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	170	1.25	1.90	0.65		6G, 3I	CB	PY	Quartz Feldspar Porphry/Felsic-Intermediate Crystal Tuff, greenish gray to grey colour, strong pervasive CB, 5% quartz crystals> feldspar, moderately sheared, 6 cm mafic band, <1% QCS, <1% PY, non-magnetic	<5
C56605	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	170	1.90	2.40	0.50		1E, 6G, 3I	CHL. CB	PY	Mafic Pillow Flow in contact with Quartz Feldspar Porphry/Felsic-Intermediate Crystal tuff, green-gray colour, well developed contacts between 1E and 6G/3I, The mafics are green, mafic composition, strong CHL, weak-moderate CB along shears, and the felsic-intermediates have pervasive CB. The rock is strongly sheared, 1% QCS, and <1% PY	<5
C56606	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	170	2.40	2.70	0.30		1E	CB, CHL	PY	Mafic Pillow Flow, grey green colour, strongly altered mafic composition, extremely broken up rock, strong pervasive CB and CHL, 2-3% QCV along shear planes, strongly sheared, <1% PY	5
C56607	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	154	2.70	3.20	0.50	**starts @ .7 m @ 60 degees to (240 degrees from) C56606**	1E	CHL, CB	PY	Mafic Pillow Flow, strongly altered mafic composition, strong CHL pervasive, strong pervasive and shear controlled CB, <1% QCS, <1% PY, weakly magnetic locally	<5
C56608	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	154	3.20	3.80	0.60		1E, 1B	CB, CHL	PY	Mafic Pillow Flow/Massive Flow, grey green colour, mafic composition, pervasive strong CB (calcite), strong pervasive CHL, strongly sheared, weak to moderately variable magnetism, <5% QCS, <1% PY	<5
C56609	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	168	3.80	4.30	0.50		1E, 1B	CB, CHL	PY	Mafic Pillowed-Massive Flow, grey green colour, mafic composition, strong pervasive CB (calcite), strong pervasive CHL, moderately sheared, moderately magnetic, increase in PY along CB and QCS but still <1% , 5-10% QCS and cB bands	<5
C56610	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	168	4.30	5.30	1.00		1E, 1B	CB, CHL	PY	Mafic Pillowed-Massive Flow, grey green colour, mafic composition, strong CB, moderate CHL - both pervasive, 1-2% CS/QCS, parallel to shearing, moderately sheared, <1% PY, non-weakly magnetic	<5
C56611	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	170	5.30	6.05	0.75		4G	CB, SER, CHL	PY, MAG	Intermediate-Mafic Volcanoclastic, Intermediate-Mafic composition, greenish gray colour, moderate shear controlled CB with serecite in matrix, weak CHL, strongly sheared @ lower contact (LC), 1-2% QCS, <=1% scattered PY, 1-2% DISS magnetite@ lower contact (last 20 cm)	<5
C56612	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	170	6.05	6.35	0.30		1B, 1E	CHL, CB	PY	Mafic Pillow-Massive Flow, green-dark green colour, mafic composition with moderate-strong pervasive CHL and CB (calcite), strongly sheared - possible banding (4G?), <1% QCS, <1% PY, non magnetic	<5

C56613	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	170	6.35	7.25	0.90		6G, 3I	CB, SIL	PY	Quartz Feldspar Porphry/Felsic-Intermediate Crystal Tuff, grey colour, felsic-intermediate composition, weak CB, moderate in joints and fractures, weak-moderate silicification? strongly sheared, 15-25% tightly packed quartz> feldspar, <1% QCS occasional PY <1%, local increase in PY and QCS to 1-2%	<5
C56614	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	170	7.25	7.90	0.65		1E	CHL, CB	MAG, PY	Mafic Pillow Flow, green colour, mafic composition, moderate-strong shear/fracture controlled CHL and CB, 5% QCS/CS parallel to shearing, <1% PY, moderately magnetic, 2-3% magnetite	6
C56615	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	158	7.90	8.30	0.40	**this sample is @ .55 m @260 degrees from C56614**	6G, 3I	CB, SIL	PY	Quartz Feldspar Porphry/Intermediate-Felsic Tuff, pinkish grey colour, altered felsic composition, 10% QCS associated with strong fracturing @ LC, moderate pervasive SIL, fractured, strong pervasive and fracture controlled CB, <1-10% PY variable @ LC with QCS, K-spar/hematite?, 5-10% quartz/feldspar crystals, strongly sheared, strong fracturing @ LC, non-magnetic	46
C56616	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	158	8.30	9.15	0.85		QTCSW, 1E	CHL, CB, SIL, SER	PY	Quartz Carbonate Stock work in Mafic Volcanic, green and white colour, CHL, strong CB in WR, SIL, and serecite alteration, strongly fractured and BX, 20-30% QCS up to 5 cm wide, strongly sheared, 2-4% PY in WR and VN	38
C56617	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	160	9.15	9.80	0.65		1B, 1I	CHL, CB	PY, MAG	Mafic Massive Flow, Mafic Volcanoclastic, dark green in colour with grey green bands, mafic composition, moderate CHL, weak CB in fractures, reworked volcanoclastic band up to 5 cm wide, strongly sheared, 5% QCV parallel to shearing, 1% FG scattered PY, moderately magnetic, 2-3% FG magnetite	<5
C56618	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	156	9.80	10.40	0.60		1B, 1I	CHL, CB	PY	Massive Mafic Flow, Volcanoclastic, green colour with minor grey bands, mafic composition, moderate CHL, weak to moderate pervasive CB, locally banded, strongly sheared, 1-2% QCS parallel to shearing, <1% PY, weakly magnetic	<5
C56619	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	150	10.40	11.30	0.90		4G, 1I	CHL, CB	PY, MAG	Mafic Volcanoclastic, green to grey to green colour, mafic composition, weak to moderate CHL, weak CB, well developed banding/bedding, strongly sheared, <1% to locally 5% @ upper contact (UC) for QCV, <1% to locally 2% PY @ UC, weakly magnetic, <=1% magnetite	6
C56620	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	174	11.30	11.75	0.45	.35 m offset @ 256 degrees from C56619	4G, 1I	CHL, CB	PY	Mafic Volcanoclastic, green colour with brownish hematitic oxidation along shears, moderate CHL, weak CB, strong CB along shears/fractures, strongly sheared, 2-3% QCS along shearing, weakly magnetic, <1% PY	<5
C56621	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	140	11.75	12.25	0.50	samples starts .5 m @ 70 degrees to (250 degrees from) C56620	4G, 1I	CHL, CB	MAG	Mafic Volcanoclastic, green in colour, mafic cmoposition, with moderate CHL, weak CB, stronger in joints and fractures, strongly sheared, weakly developed banding, 2-3% QCS parallel to shearing, <1% PY, weak-moderately magnetic, <1-3% magnetite increasing @ LC	10
C56622	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	156	12.25	13.05	0.80		1B, 8A?	CHL, CB	PY	Mafic Massive Flow, Ultramafic ?, weathered surface is brown colour, extremely oxidized with hematite, fresh surface is dark greenish black colour, strong CHL (serpentine/talc ?), weak CB, strongly sheared, <=1% QCS, <1% PY, nonmagnetic	13
C56623	19-May-10	SF, SR	Centurion (Channel: CWL-CEN-CX-001)	175	13.05	13.85	0.80		1E	CHL, CB	PY	Mafic Pillow Flow, dark green colour, mafic composition, moderate CHL, weak CB, increasing CB in along shear and fractures, moderately sheared, 1-2% QCS parallel to shearing, <1% PY, nonmagnetic	<5

C56624	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	180	13.85	14.25	0.40		1E	CHL, CB, SIL	PY	Mafic Pillow Flow, green to greyish green colour, mafic composition, weak to moderate CHL, variable weak-moderate pervasive CB, increase in SIL, strongly sheared, 2-3% QCV parallel to shearing, <1% PY but increase @ LC, nonmagnetic	7
C56625	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)					STANDARD				CDN-GS-4B	>3000
C56626	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)					BLANK				CDN-BL-6	7
C56627	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	180	14.25	15.10	0.85		QTCSW, 1E	CHL, CB, SIL	PY	Quartz Carbonate Stock Work within Mafic Flow, white and green colour, altered WR, weakly CHL and CB altered with possible weak SIL, 40-50% QCV, moderate fracturing of veining with CHL, serecite, and CB seams, SEPEA (wall rock inclusions in veins), <1% PY with local increases along VN-WR contact and in WR, @ UC 5% DISS PY over 20 cm	179
C56628	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	120	15.10	15.50	0.40		1E	CHL, SIL	PY	Mafic Pillow Flow, green grey to greyish white colour, strongly altered mafic composition, strong CHL along shear, strong SIL along shearing, intensely sheared giving banded textuer, 1-2% QCS, occassional PY <1%, nonmagnetic	33
C56629	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	150	15.50	16.00	0.50	*saw couldn't cut deep enough so slight detour in sample section*	QTCSW	SIL, CHL, CB	PY	Quartz Carbonate Stock Work, grey-green colour, moderate SIL, weak-moderate CHL in WR, weak CB in WR and VN, strongly sheared and fractured, 20% QS/QCS, 2-10% VFG DISS PY with increasing sulfide towards LC, non magnetic	>3000
C56630	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	150	16.00	16.45	0.45		QTCSW	SIL, SER, CHL	PY	Quartz Carbonate Stock Work, beige grey white colour, strongly SIL with serecite, relict CHL, strongly sheared, 20% QS/QCS, 5% VFG DISS PY, locally up to 10% in fractures and @ LC	>3000
C56631	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	150	16.45	16.95	0.50	*.35 m @ 41 degrees from end of C56630*	QTCSW	SIL, CHL, CB	PY	Quartz Carbonate Stockwork, greyish-white to white colour, moderate-strong SIL, overprint of CHL, CB alteration, strongly sheared, fractured, 25-30% QS/QCS, 5 to locally 15% VFG DISS PY, PY also occurs in fractures	>3000
C56632	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	158	16.95	17.75	0.80		QTCSW, 1E	sIL	PY	Quartz Carbonate Stockwork, pinkish white/greyish white colour, strong fracture controlled SIL, strongly fractured, 20% QS/QCS, 2-4% VFG to MG PY, some TOUR giving blackish colour	50
C56633	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	167	17.75	18.10	0.35		QTCSW, 1E	SIL, CB	PY	Quartz Carbonate Stock work, pinkish grey colour, weak CB, strong pervasive and fracture controlled SIL, 15-20% QCS, strongly sheared, local tourmaline, <=1% PY	85
C56634	19-May-10	SF, SR				Centurion (Channel: CWL-CEN-CX-001)	172	18.10	19.10	1.00		1E	CHL, CB	PY, MAG	Mafic Pillow Flow, green and greenish gray colour, mafic composition, moderate CHL, moderate to strong shear band controlled CB (calcite), strongly sheared, 2-3% QCS, <=1% PY decreasing @ lower part of interval, 2% PY in upper .3 m, 2-3% magnetite increasing towards lower contact, moderately magnetic	84
C56635	20-May-10	SF, SR	447709.32	5536202.31	284.28	Centurion (channel: CWL-CEN-CX-001A)	176	0.00	0.80	0.80		1E	CHL, CB	PY/CPY	Mafic Pillow Flow, green colour, mafic composition, moderate CHL and CB (calcite), strongly sheared, 5% QCS parallel to shearing, increase in QCS to 10% @ UC, <1% PY/CPY with increase to 2-3% PY/CPY @ .3 m of UC associated with QCS, nonmagnetic	24
C56636	20-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	176	0.80	1.30	0.50		QTCSW, 1E	CHL, CB	PY/CPY	Quartz Carbonate Stockwork in Mafic Pillow Flow, Green and grey in colour, moderate CHL with weak CB in WR, strongly sheared and fractured, 20% QCS parllel to shearing, QCS <=2 cm wide, <1% PY/CPY, nonmagnetic	14

C56637	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	180	1.30	1.75	0.45	QTCSW, 1E	CHL, CB	PY	Quartz Carbonate Stockwork in mafic Pillow Flow, green and white colour, strong CHL altered WR, weak CB, strongly fractured, 20% QCS up to 6 cm wide, strongly sheared, <1 to locally 5% PY @ LC	92
C56638	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	172	1.75	2.25	0.50	QTCSW, 1E	SIL, CB, CHL	PY	Quartz Carbonate Stock Work and Silica Flooded Mafic Pillow Flow, greyish white to bleach white colour, strong pervasive SIL in pillows, weak CB, with relict CHL salvages, strongly sheared, 10-15% QCSm 15-20% VFG DISS PY and along seams, non magnetic	>3000
C56639	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	172	2.25	2.65	0.40	1E, QTCSW	SIL, CHL, CB	PY	Silica Flooded Mafic Pillow Flow and weak Quartz Carbonate Stock work, greyish which to bleached white colour, strong pervasive SIL of pillows, weak relict CHL alteration of selvages, weak CB, strongly sheared with 5-10% QCS parallel to shearing, 5-10% DISS PY	2850
C56640	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	180	2.65	3.10	0.45	1E, QTCSW	SIL, CHL, CB	PY	Silicified Mafic Pillow Flow, Weak Quartz Carbonate Stock work, greyish white to bleached colour, strong pervasive SIL with weak relict CHL and CB selvages, strongly sheared, 10% QCS following shear, up to 6 cm wide, 20-30% VFG DISS PY and occurs along seams, nonmagnetic	359
C56641	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	180	3.10	3.60	0.50	QTCSW, 1E	SIL, CB	PY	Quartz Carbonate Stock Work in Mafic Pillow Flow, greyish white bleach white colour, strong fracture and shear controlled SIL, weak to no CB, strongly sheared and fractured, 15-20% QS/QCS parallel to shearing, 5-10% and locally 15% PY with increase in PY in altered SIL WR, non-magnetic	>3000
C56642	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	173	3.60	4.10	0.50	QTCSW, 1E	SIL, CHL, CB	PY	Quartz Carbonate Stock work in Mafic Pillow Flow, greyish white to bleach white colour, strong fracture and shear controlled and pervasive SIL, weak relict CHL and CB, 15-20% QS/QCS up to 4cm wide, locally buckled and folded, strongly sheared and fractured, 15-25% DISS PY preferrential to altered WR and fractures and seams, nonmagnetic	>3000
C56643	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	170	4.10	4.65	0.55	QTCSW, 1E	SIL, CHL, CB	PY	Quartz Carbonate Stock Work in Mafic Pillow Flow, dark greenish black to bleach white colour, strong shear fracture controlled and pervasive SIL, weak relict CHL and CB, locally strong fracture controlled CB, strongly sheared and fractured, 20-25% QCS parallel to shearing, 5% DISS PY and as local fracture filling, nonmagnetic	>3000
C56644	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	182	4.65	5.40	0.75	QTCSW	SIL, CHL, CB	PY	Quartz Carbonate Stockwork, white to greyish white and greenish colour, strong fracture controlled SIL with relict weak CHL and CB, 30-35% QCV, strongly sheared, variable sulfides, 5-25% DISS and fracture filled PY, with increase towards LC	1930
C56645	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	190	5.40	5.90	0.50	QV	CB	PY	Quartz Vein, milky white colour, quartz composition, minor CB along fractures, weakly fractured quartz, <1% PY but occassional coarse splash of PY	12
C56646	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	190	5.90	6.35	0.45	QCV		PY	Quartz Carbonate Vein, brownish white colour, quartz carbonate composition, weakly to moderately fractured, QCV and QV together (2 generations?), local tourmaline, <=1% PY in seams (1% @ LC), non magnetic	16
C56647	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	190	6.35	6.80	0.45	1E	SIL, CLH (BIO)	PY	Silica Flooded Mafic Pillow Flow, rubbly oxidized (hematite> CHL sheared) dirt material @ UC (for 13 cm), greyish white adn black colour (banded colour), strong SIL along shear bands alternating with black CHL or BIO alteration, 5% QCS <2cm in width, buckled and folded bands, and BX, strongly sheared, <1% PY overall but up to 10% DISS PY increasing @ LC, very weak-non magnetic, <1% magnetite	77

C56648	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	186	6.80	7.25	0.45		QTCSW, 1E	SIL, CHL (BIO)	PY	Quartz Carbonate Stock work in Mafic Pillow Flow, greyish white, white, greenish black colours, strong shear and fracture controlled SIL, with strong CHL (or BIO) bands (thin shear), strongly sheared and fractured, 25-30% QCS/QS, 10-25% PY occurring as DISS and fracture filling and along shear bands, nonmagnetic	118
C56649	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	155	7.25	7.75	0.50		1E	CHL (BIO?), CB, SIL	PY	Mafic Pillow Flow, dark greenish black with white bands @ UC, strong CHL (BIO?), weak to moderate CB along shear, upper part of contact shows strong shear banded SIL which gradually decreases, bottom 17 cm of interval strongly sheared with hematic earthy material, 1-5% DISS PY with increases PY @ UC, nonmagnetic	78
C56650	20-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	152	7.75	8.30	0.55		1E	CHL, CB	PY	Mafic Pillow Flow, blackish green colour, moderate to strong CHL (BIO?), weak pervasive and shear controlled CB, strongly sheared, 2-3% QCS parallel to shearing, <1-2% PY locally, nonmagnetic	63
C56651	21-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	193	8.30	8.65	0.35	*.45 m @ 109 degrees from end of C56650*	1E	CHL, CB (calcite)	PY, MAG	Mafic Pillow Flow, dark green grey colour, mafic composition, moderate-strong CHL, strong shear controlled CB (calcite), strongly sheared, <=1% QCS parallel to shearing, 1-3% DISS PY which gradually decreases over interval towards LC, weak to moderately magnetic, <1% Magnetite	35
C56652	21-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	189	8.65	9.15	0.50		4G, 1E	CB, CHL	PY	Mafic Volcanoclastic, greenish grey colour, mafic composition, strong shear controlled CB, moderate CHL, strongly sheared-increasingly so @ LC, 1% QCS parallel to shearing, 2-5% DISS PY, non-weakly magnetic, but locally moderately magnetic at bottom of interval (LC), some strong surface oxidation at beginning and ending of interval	33
C56653	21-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	190	9.15	9.65	0.50		1E	CHL, CB, Ankerite-Dolomite	PY	Mafic Pillow Flow, Silica Flooded?, green black to white grey colour in 'bands', mafic composition, weak ankerite and dolomite alteration, moderate shear controlled CB but moderate to strong along fractures, moderate to strong CHL, very folded and buckled, intensely sheared, 1% QCS, <1% PY, non magnetic, very oxidized weathered brown surface	13
C56654	21-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	186	9.65	10.40	0.75		1E	CB, CHL, SIL	PY, MAG	Mafic Pillow Flow, Silica Flooded?, green grey colour, mafic composition, strong shear controlled CB, strong CHL, moderate shear controlled SIL?, strongly sheared, <1% QCS, 1 to 3% locally following seams and DISS, moderate to strongly magnetic, 2-3% DISS magnetite	48
C56655	21-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	188	10.40	10.95	0.55		1E	SIL, CHL (BIO), CB	PY	Silica Flood Mafic Pillow Flow, black greenish grey to light greyish white colour, mafic composition, storngly sillicifed, strong shaer controlled CB, weak to moderate shear controlled CHL (BIO?), strongly sheared, 2% QCS/QS but increasing to about 10% locally @ LC, some minor folding and buckling, <1% PY/CPY along seams but up to 5% locally @ LC, nonmagnetic	13
C56656	21-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	187	10.95	11.55	0.60		QV	CB	PY	Quartz Vein, white colour with some grey bands of WR, quartz composition, 1% sheared WR inclusions, minor CB along fractures and seams, weakly fractured quartz vein, <1-2% FG-MG PY along seams of WR and in fractures	10
C56657	21-May-10	SF, SR	Centurion (channel: CWL-CEN-CX-001A)	185	11.55	12.20	0.65		QV	CB	PY	Quartz Vein, milky white with scattered grey bands, mostly quartz composition, upper .25 m interval contains 15% sheared WR bands/inclusion, fairly significant amount of CB along factures and seams associated with the WR, <1% FG DISS PY up to locally 25% in WR inclusions between 11.85 and 11.95 m	14

C56658	21-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	185	12.20	12.85	0.65		QTCSW, 1E	CB, CHL, SIL	PY	Quartz Carbonate Stockwork in Mafic Flow, greyish white to green grey colours, moderate SIL?, weak to moderate CB, wear to moderate CHL in WR, 25% QCS/QS up to 2 cm wide, strongly sheared, <1-3% VFG to MG DISS and as fracture and seam filling PY in WT and VN, nonmagnetic	26
C56659	21-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	188	12.85	13.20	0.35		1E	SIL, CB, CHL	PY	Silica Flooded? Mafic Pillow Flow, light greenish grey to white grey colour, mafic composition, strong shear controlled SIL, weak CB in fractures and seams, weal to moderate CHL in selvages, strongly sheared, 1-2% QCS/QS up to 2 cm wide, <1% PY, non magnetic	<5
C56660	22-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	184	13.20	13.55	0.35		1E	CHL, CB	PY, MAG	Mafic Pillow Flow, green gray colour, mafic composition, strong pervasive CHL, strong shear controlled CB (calcite), strongly sheared, <1% QCS, red oxidation (hematization) on surface which penetrates up to 4 cm down along shearing, <1% VFG DISS and shear controlled PY, variably magnetic from weak to moderate, <1% FG DISS magnetite, locally 3% @ LC for .1 m	18
C56661	22-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)					*DUPLICATE* (of C56660)	1E			Mafic Pillow Flow, duplicate of C56660, refer to previous description	20
C56662	22-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	198	13.55	14.20	0.65		1E	CHL, CB, SIL	PY	Mafic Pillow Flow, grey-green and white colour, mafic composition, strong pervasive CHL that increases across interval, strong CB, moderate SIL @ UC that decreases across interval, intensely sheared with folding and buckling, red hematized weathered surface which extends along shearing to a depth of 4 cm, 1% QCS, <1% VFG to FG DISS PY, 2 cm QCS @ 13.74 m that contains CG PY, non magnetic	<5
C56663	22-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	198	14.20	14.65	0.45		1E	CHL, CB	PY, MAG	Mafic Pillow Flow, green and white colour, mafic composition, strong pervasive CHL, moderate to strong shear controlled CB, strongly sheared, penetrating surface oxidation (hematite) up to 7 cm creating fairly crumbly rock, <1% QCS, 1% MG-CG DISS PY, @ LC local PY increase to 2%, weak to strongly magnetic, variable magnetite 1-3%	14
C56664	22-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	198	14.65	15.15	0.50		1E	CHL (BIO?), CB	PY	Mafic Pillow Flow, greenish grey to black adn light grey in colour, mafic composition, strong pervasive CHL (BIO?), strong pervasive and shear controlled CB, strongly sheared, some minor local buckling of bands, 1-3% QCS parallel to shear, 1-4% MG-CG DISS and seam filling PY, non magnetic, weathered crumbly oxidized surface rocks	8
C56665	22-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	195	15.15	16.05	0.90		1E	CHL, CB	PY	Mafic Pillow Flow, green-grey colour, mafic composition, strong pervasive CHL, strong shear and fracture controlled CB, moderately sheared, <1% QCS, <=1% VFG DISS and FG shear controlled PY, locally @ UC 1-2% DISS FG-CG PY, nonmagnetic	<5
C56666	22-May-10	SF, SR				Centurion (channel: CWL-CEN-CX-001A)	195	16.05	17.00	0.95		1E	CHL, CB	PY	Mafic Pillow Flow, green-grey colour, mafic composition, strong pervasive CHL, weak-moderate shear and fracture controlled CB, weak to moderate shearing, <1-2% QCS, <1% PY, non magnetic	<5
C56667	22-May-10	SF	447731.46	5536214.08	284.34	Centurion (channel: CWL-CEN-CX-002)	200	0.00	0.80	0.80		1B, 1E	CHL, CB	PY, MAG	Massive Mafic Flow, Pillowed?, green grey colour, mafic composition, strong pervasive CHL, strong pervasive and shear/fracture controlled CB (calcite), moderately sheared, LC is gradational to more strongly sheared material, 2% QCS, <1% PY, non magnetic until bottom .15 m of interval where it becomes strongly magnetic, so locally 1-2% magnetite	6

C56668	22-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	202	0.80	1.50	0.70		1B, 1E	CHL, CB	PY, MAG	Massive Mafic Flow, Pillowed?, green grey colour, mafic composition, strong pervasive CHL, strong shear and fracture controlled CB, strongly sheared, 1-2% QCS, from 1.35-1.5 m @ LC 5-15% 1 cm wide QCS locally, <1% PY, moderate to strongly magnetic, 1-3% FG DISS magnetite	7
C56669	22-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	166	1.50	2.25	0.75	*2.2 m @ 283 degrees from end of C56668*	1B, 1E	CHL, CB	PY	Massive/Pillowed? Mafic Flow, dark green-black to white colour, mafic composition, strong pervasive CHL, strong shear/fracture controlled CB (calcite), intensely sheared, 1-3% QCS, <1% PY, non magnetic, crumbly rock	<5
C56670	22-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	166	2.25	2.95	0.70		1B, 1E	CHL, CB, SIL?	PY	Massive Mafic Flow, greenish-black and white colour, maic composition, strong pervasive CHL, strong shear/fracture controlled CB, first .1 m sement @ UC SIL?, intensely sheared, locally buckled and folded, 5-7% QCS, <1% to 1% PY, 1% occurs locally from 2.25-2.45 m as VFG-MG PY along seams and fractures, strongly magnetic in 2,25-2.45 m interval, non magnetic elsewhere	<5
C56671	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	166	2.95	3.40	0.45		1B, (1I?)	CHL, CB, SIL	PY	Massive Mafic Volcanic Flow (Some Volcanoclastic?), dark green grey to bleached greenish grey colour, mafic composition, weak CHL, moderate CHL locally @ UC, weak to moderate CB which decreases across interval towards LC, moderate SIL increasing towards LC, intensely sheared, 5-7% QCS up to 2 cm wide, <1-2% FG shear and fracture controlled PY, PY increases across interval, variably magnetic from non to moderate, crumbly earth material at about 3.1 m	17
C56672	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)					STANDARD				CDN-GS-4B	>3000
C56673	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)					BLANK				CDN-BL-6	<5
C56674	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	166	3.40	3.75	0.35		QTCSW, 1B	CHL, CB, SIL	PY	Quartz Carbonate Stock work, grey white colour, some pink hue, mafic composition, weak to moderate CHL in WR, moderate CB as fracture and shear controlled mostly in WR, moderate SIL, strongly sheared, 20-25% QS/QCS, 27% FG DISS and shear/fracture controlled PY/CPY and in 'blebs', moderately-strongly magnetic	24
C56675	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	187	3.75	4.25	0.50	*this sample takes a slight detour in angle part way through*	1B (1I ?)	CHL, CB, SIL?	PY, MAG	Massive Mafic Flow, possible volcanoclastics?, greenish dark grey/black to light grey-white colour, mafic composition, moderate shear controlled SIL?. Weak CHL, moderate shear controlled CB, strongly sheared, 1-2% QCS, <=1% PY as FG DISS and 'blebs', strongly magnetic, VFG DISS magnetite	6
C56676	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	188	4.25	5.10	0.85		1I, 4G (1E)	CHL, CB	PY, MAG	Mafic Volcanoclastic, green grey to light grey in colour, mafic composition, weak to strong CHL, weak to moderate shear/fracture controlled CB, strongly sheared, buckled and folded, 1-3% QCS, <1-2% FG-MG DIS and fracture filled PY, moderate to strongly magnetic, 1-4% FG DISS MAG	16
C56677	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	175	5.10	5.50	0.40	start of this sample is located 0.30 m at 96 from end of C56676	1I, 1E	CHL (BIO?), CB, SIL?	PY, MAG	Mafic Volcanoclastic, dark grey to white in colour, mafic composition, weak to moderate CHL (BIO?), strong shear controlled CB, moderate SIL?, strongly sheared, 2-5% QCS, 1-2% VFG MAG, very sheared, crumbly earthy material in bottom 20 cm of interval	9
C56678	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	173	5.50	6.00	0.50		1B, 1E	CHL, CB	PY	Massive/Pillowed? Mafic Flow, light green grey colour, mafic composition, strong pervasive CHL, non-weak CB, 5 cm wide QV/QS @ UC, still only 1% QS, strongly sheared, strongly oxidized/hematized @ surface, crumbly rock, <1% PY, non magnetic	34

C56679	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	173	6.00	6.65	0.65	*.2 m @ 295 degrees from end of C56678*	1B, 1E	Sericite?, CHL, CB	PY	Mafic Volcanic Flow, green grey colour, mafic composition, sericite altered?, strong pervasive CHL, moderate to strong shear controlled CB, strongly sheared, 2-4% QCS parallel to shearing, 1-2% FG-MG DISS PY, non magnetic	<5
C56680	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	173	6.65	6.85	0.20	*sorry, small bad interval*	1B, 1E	CHL, CB	PY	Mafic Volcanic, greyish green to light grey white, mafic composition, strong CHL, weak to moderate shear controlled CB, very strongly sheared, some folding and buckling, 1% QCS, <1% PY, non to weakly magnetic	6
C56681	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	182	6.85	7.10	0.25		1B, 1E, (4G, 1I?)	CHL (BIO?), CB	PY	Mafic Volcanic Flow (Possibly some volcanoclastics?), greenish black and whitish grey colour, mafic composition, moderate CHL (BIO?) in 'bands', strong shear controlled CB, strongly sheared, 5-8% QCS, 1% FG-MG DISS PY, nonmagnetic	12
C56682	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	182	7.10	7.50	0.40		QTCSW, 4G/1I	SIL, CB, CHL	PY	Quartz Carbonate Stock work within Mafic Volcanoclastic, grey to white to brown colours, mafic composition + lots of quartz and carbonate, strong shear controlled SIL, strong fracture controlled CB, weak to moderate CHL in WR, strongly sheared, moderate to strongly fractured, 25% QS/QCS, 20-30% FG to MG DISS and shear/fracture controlled PY, non magnetic	653
C56683	23-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	184	7.50	8.05	0.55		1B, 1E	CB, CHL, SIL?	PY, MAG	Mafic Volcanic Flow, light greenish whitish grey colour, mafic composition, moderate shear controlled CB, weak to moderate CHL which increases towards LC, moderate shear controlled SIL? Which decreases over interval, strongly sheared, 1-2% QCS, 1-3% FG-MG DISS and shear controlled PY, strongly magnetic, 2-3% DISS MAG	57
C56684	24-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	184	8.05	8.70	0.65		1B, 1E	CHL, CB	PY	Mafic Volcanic Massive Flow, greyish green colour, mafic composition, strong pervasive CHL (more moderate @ UC), moderate to strong shear controlled CB, strongly sheared, <1% QCS, 1-3% VFG-FG DISS PY and along seams, non magnetic, but locally strongly magnetic @ 8.45 m	36
C56685	24-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	185	8.70	9.65	0.95		1B, 1E	CHL, CB, LCX	PY	Mafic Volcanic Massive Flow, greyish green colour, mafic composition, strong pervasive CHL, strong pervasive and shear controlled CB (calcite), 1-5% Leucoxene alteration along shear, moderate to strongly sheared, <1% QCS, <1% PY, non magnetic	8
C56686	24-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	186	9.65	10.50	0.85		1B, 1E	CHL, CB, LCX	PY	Mafic Massive/Pillowed? Flow, greyish green colour, mafic composition, strong pervasive cHL, strong pervasive/shear controlled CB, 1-10% Leucoxene alteration along shear, strongly sheared, <1% QCS, <1% PY, non magnetic	11
C56687	24-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	181	10.50	11.45	0.95		1B, 1E	CHL, CB, LCX	PY	Mafic Massive/Pillowed? Flow, greyish green colour, mafic composition, strong pervasive CHL, moderate shear controlled CB, 1-10% Leucoxene alteration (tan-beige in colour) along shear, increase in shearing towards LC and UC	17
C56688	24-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	181	11.45	12.25	0.80		1B, 1E	CHL, CB, LCX	PY, MAG	Mafic Massive/Pillowed? Flow, green to grey colour, mafic composition, strong pervasive CHL, moderate to strong shear controlled CB, 5-10% Leucoxene alteration along shear, strongly sheared, <1% QCS, non to moderately magnetic, increasing over interval, locally 1% magnetite occurring along fractures and seams, <1% PY	24

C56689	24-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	184	12.25	13.15	0.90	1B, 1E	CHL, CB, LCX	PY, MAG	Mafic Massive/Pillowed? Flow, green to grey in colour, mafic composition, strong pervasive CHL, strong shear controlled CB, 5-10% LCX alteration along shear with a tan-beige-yellow colouration, strongly sheared, but shear strength decreasing across interval toward LC, 1% QCS, 1% FG-MG DISS PY, variably magnetic, 12.25-12.7 m=non magnetic, 12.7-13.15 m=strongly magnetic, <1-4% MAG	31
C56690	24-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	183	13.15	13.50	0.35	1B, 1E	CHL, CB, LCX	PY	Mafic Massive/Pillowed? Flow, green colour, mafic composition, strong pervasive CHL, strong shear controlled CB, 2% LCX alteration with a tan beige colour along shear, moderate to strongly sheared, <1% QCS, <1% PY, rubbely-earthy material for 5 cm before LC, non magnetic, just locally moderately magnetic @ UC	32
C56691	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	182	13.50	13.90	0.40	QTCSW, 6F, (3I)	CB, SIL	PY	Quartz Carbonate Stoock Work in Feldspar Porphry (Felsic-Intermediate Crystal Tuff?), whitish grey colour, felsic to intermediate composition, non-weak fracture controlled CB, strong pervasive SIL, feldspar>qtz crystals, moderately sheared, 30% QV/QCV (one large vein going through this interval), vein is about 25 cm across (parallel to rock cut), 2% FG DISS PY and blebby fracture controlled in both VN and WR, non magnetic	85
C56692	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	182	13.90	14.45	0.55	6F (3I)	SIL, CB	PY	Feldspar Porphyry, Felsic to intermediate crystal Tuff, white to grey colour, felsic to intermediate composition, strong pervasive SIL, weak shear controlled CB, weak to moderate shearing, 5-10% QCS, 2-7% PY- FG to MG DISS but mostly fracture controlled, nonmagnetic, feldspar crystals>quartz	72
C56693	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	187	14.45	15.05	0.60	6F (3I)	SIL, CB	PY	Feldspar Porphyry, Felsic to Intermediate Crystal Tuff, white to grey colour, felsic to intermediate composition, strong pervasive SIL, non to weak shear and fracture controlled CB, minor inclusions of mafic WR increasing towards LC, weak to moderate shearing, 1-3% QCS, 4-7% FG-MG mostly in fractures PY, locally 10% PY @ LC, nonmagnetic but locally moderately @ LC	178
C56694	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	195	15.05	15.30	0.25	1B, 1E	CB, CHL, SIL	PY, MAG	Mafic Massive/Pillowed? Flow, greyish green to light grey in colour, mafic composition, strong shear controlled CB, strong pervasive CHL, moderate SIL locally @ UC with weaker CHL alteration, strongly sheared, <1% QCS, <=1% FG PY, moderate to strongly magnetic, 2-3% FG-MG DISS MAG	25
C56695	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	195	15.30	15.45	0.15	6F, (3I)	SIL, CB	PY	Feldspar Porphyry, (Felsic to Intermediate Crystal Tuff?), whitish grey to grey in colour, felsic to intermediate composition, strong pervasive SIL, weak to moderate shear contorlled CB in WR, ~10-15% WR inclusiong, moderately sheared, 1% QCS, 1-2% FG fracture controlled PY, nonmagnetic	11
C56696	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	190	15.45	16.25	0.80	1B, 1E	CHL, CB	PY	Mafic Massive/Pillowed Flows, green to grey in colour, mafic composition, strong pervasive CHL, strong shear controlled CB, strongly sheared, <1% QCS, <1% PY, non magnetic	29
C56697	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	189	16.25	16.95	0.70	1B, 1E	CHL, CB	PY	Mafic Massive-Pillowed Flow, green grey to light grey in colour, mafic composition, strong pervasive CHL, strong pervasive/shear controlled CB, strongly sheared, 1% QCS, <1-2% VFG to FG shear controlled PY, variably magnetic (non to strongly)	22

C56698	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	191	16.95	17.65	0.70	1B, 1E	CHL, CB, SIL?	PY	Mafic Massive/Pillowed Flow, greyish green to light grey colour, mafic composition, moderate to strong pervasive CHL, strong shear controlled CB, moderate SIL? locally towards LC, in contact with QTCSW within a feldspar porphyry (6F), strongly sheared, <1% QCS, <1% PY, variably magnetic from non to moderate, @ LC very sheared crumbly material	32
C56699	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	191	17.65	17.95	0.30	QTCSW, 6F, (3I)	CB, SIL, KSP	PY	Quartz Carbonate Stock work in a Feldspar Porphyry (Felsic to intermediate Crystal Tuff), White to whitish pink grey colour, felsic to intermediaet and quartz composition, weak fracture controlled CB, strong SIL, weakly sheared, moderately fractured quartz veins, 40% QV/QCV, 1-5% fracture controlled PY (locally 15% PY @ LC) nonmagnetic, lots of pink K spar	15
C56700	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	192	17.95	18.60	0.65	1B, 1E	CB, CHL, SIL	PY	(Silica Flooded?) Mafic Massive/Pillowed Flow, greenish grey and blackish grey to light white grey colour, mafic composition, non to strong CB along shear, weak CHL, strong shear controlled SIL, strongly sheared, 1% QCS, 5-8% FG-MG DISS and shear controlled Py, from 18.35-18.41 m 20% FG shear controlled PY, variable magnetism (non to strong)	30
C56701	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	192	18.60	19.00	0.40	1B, 1E	CHL, CB	PY, MAG	Mafic Massive/Pillowed Volcanic Flow, greyish green to light grey colour, mafic composition, moderate to strong pervasive CHL, strong shear controlled CB in WR, strongly sheared, 5 cm wide feldspar porphyry (6F/3I?) occurrs @ 18.78-18.83 m which has WR inclusions containing CB alteration along shear, <1% QCS, 2-5% FG-MG shear controlled PY in WR and WR inclusions, WR strongly magnetic, 2-3% VFG magnetite	15
C56702	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	193	19.00	19.60	0.60	1E, 1B	CHL, CB, SIL	PY	Mafic Pillow?/Massive Flow, greyish green to light grey colour, mafic composition, strong pervasive CHL, moderate to strong shear controlled CB|, strongly sheared, localized SIL around UC between two 1-2cm wide stringers of Feldspar Porphyry (6F), <1% QCS, 1-3% FG to CGT shear controlled PY, magnetism variable , non to moderate	15
C56703	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	193	19.60	20.05	0.45	1E, 1B	CHL, CB	PY	Mafic Pillowed/Massive Flow, green to grey green to grey colour, mafic composition, strong pervasive CHL, strong shear controlled CB, strongly sheared, <1% QCS, FG-MG shear controlled PY, PY increases over interval from ~1-2% to 20% approaching LC, non magnetic	894
C56704	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	196	20.05	20.20	0.15	6F, (3I)	SIL, CB	PY	Feldspar Porphyry (Felsic-intermediate Crystal Tuff), whitish grey and faint pink hues, felsic to intermediate composition, strong SIL, weak fracture controlled CB, moderately sheared, <1% QCS, <1%PY, nonmagnetic	45
C56705	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	195	20.20	20.45	0.25	4G	SIL, CHL, SER?	PY	Intermediate-Mafic Volcanoclastics, grey to bleached grey colour, intermediate to mafic composition, strong SIL, weak shear controlled CHL, Sericite alteration?, strongly sheared, <1% QCS, 5-20% FG shear controlled PY, nonmagnetic	52
C56706	25-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	199	20.45	20.75	0.30	QTCSW, 6F, (3I)	SIL, CB	PY	Quartz Carbonate Stock Work in a Feldspar Porphyry (Felsic to intermediate Crystal Tuff?), bleached white colour, felsic to intermediate composition, strong SIL, very weak CB in fractures, weakly sheared, 20% QV/QCV, 1% FG fracture controlled PY, weak to moderately fractured, non magnetic	48

C56707	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	197	20.75	21.45	0.70		6F, (3I)	SIL, CB	PY	Feldspar Porphyry/ Felsic to Intermediate Crystal Tuff?, bleached white colour, felsic to intermediate composition, strong pervasive SIL, very weak CB in fractures, weakly sheared, weak to moderately fractured, 5% QS/QCS, 10% feldspar crystals>qtz crystals, <1% DISS and fracture controlled FG PY, nonmagnetic	334
C56708	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	214	21.45	21.85	0.40		4G, 1B	SIL, CHL,	PY	Mafic Volcanoclastics/Flow?, light grey in colour, mafic composition, strong pervasive SIL, weak CHL @ LC, strongly sheared, 1% QS/QCS parallel to shearing, 1% VFG DISS PY but locally 15% shear controlled PY @ LC, non magnetic	22
C56709	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	182	21.85	22.60	0.75	*slight detour in channel mid interval*	4G, 1I (1E)	CHL, CB, SER?	PY	Mafic Volcanoclastic, medium green grey to light grey colour, mafic composition, moderate CHL, weak variable shear controlled CB, serecite alteration?, strongly sheared, 2-4% QS/QCS parallel to shearing, variable PY 1-15% shear controlled and FG, @ LC there are CG and blebs' of PY, non magnetic	19
C56710	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	194	22.60	23.00	0.40		4G, 1I	CHL, SER, HEM	PY, PYR	Strongly Hematized Mafic Volcanoclastic, yellowy brown to grey green colours, mafic composition, strong but sporadic shear controlled CHL, strong serecite, strong shear controlled hematization (yellowy brown colour), intensely sheared, 1% QS/QCS, 3-8% VFG shear controlled PY/PYR, weakly magnetic	8
C56711	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	200	23.00	23.60	0.60		4G, 1I	CHL, SER, SIL	PY, PYR	Mafic Volcanoclastics, light grey colour, mafic composition, moderate shear controlled CHL, strong shear controlled and pervasive SER (white, soft material), moderate localized SIL, intensely sheared, <1% QCS, 2-7% VFG DISS and shear/fracture controlled PY/PYR, moderately magnetic	126
C56712	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	217	23.60	24.25	0.65		1E, 1B	CHL, CB	PY/PYR	Mafic Pillow Flow, greyish green to light grey colour with brownish stringers, mafic composition, moderate to strong pervasive CHL, strong shear controlled cB, strongly sheared, nrownish hematized stringers, <1% QCS, <1-2% PY/PYR FG to MG and blebs along shear, non to weakly magnetic	125
C56713	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	224	24.25	24.90	0.65		1E, 1B	CHL, CB	PY	Mafic Pillow Flow, greyish green colour, mafic composition, strong pervasive CHL, moderate shear controlled CB, strongly sheared, <1% QCS, <1-2% FG-MG DISS and fracture controlled PY, non magnetic	9
C56714	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)					*DUPLICATE* (of C56713)	1E, 1B			Mafic Pillow Flow, see previous description for C56713	18
C56715	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	240	24.90	25.70	0.80		1E, 1B	CHL, CB	PY	Mafic Pillow Flow, greyish green to grey (carb stringers), mafic composition, strong pervasive CHL, strong shear controlled CB, moderate to strongly sheared, <1% QCS, MG DISS PY <1%, non to weakly magnetic	11
C56716	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	228	25.70	26.00	0.30		1E, 1B	CHL, CB	PY	Mafic Pillow Flow, greyish green colour, mafic composition, strong pervasive CHL, weak to moderate shear controlled CB, increases towards LC, moderately sheared, <1% QCS, 5-10% MG-CG DISS PY, some FG fracture controlled PY, non magnetic	13
C56717	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	220	26.00	26.95	0.95		1E, 1B	CHL, CB	PY	Mafic Pillow Flow, greyish green colour, mafic composition, strong pervasive CHL, strong shear controlled CB, moderately sheared, <1% QCS, 1% FG-MG DISS and fracture controlled PY, variably magnetic across interval from weak to strong	42

C56718	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	205	26.95	27.90	0.95		1E, 1B	CHL, CB, SIL	PY	Mafic Pillow Flow, greenish grey to grey colour, mafic composition, moderate to strong CHL, gradually decreasing across interval, strong shear controlled CB, locally minor SIL @ LC, moderately sheared, <1% QCS, <=1% FG-MG DISS PY, variably magnetic from non to moderate	31
C56719	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	200	27.90	28.50	0.60		1E, QTCSW	CHL, CB, SIL	PY	Silica Flooded Mafic Pillow flow which transitions into a Quartz Carbonate Stock work, whitish grey and medium grey colours, mafic +quartz composition, weak shear controlled CHL, weak to strong shear controlled CB, moderate SIL, strongly sheared, 10-15% QS/QCS up to 3 cm wide, 1-10% FG PY in WR and shear/fracture controlled, non magnetic	4320
C56720	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	208	28.50	29.00	0.50		QTCSW, 1E/1B	SIL, CHL, CB	PY	Quartz Carbonate Stock work in Mafic Volcanic Flow, bleach white-grey colour, mainly quartz composition, weak cHL in WR, strong SIL, minor mafic WR inclusions, weak-moderate CB in WR and fractures, strongly sheared, 50% QV/QCV, QV up to 5 cm wide, 5-15% FG shear/fracture controlled PY, non magnetic	318
C56721	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	193	29.00	29.65	0.65		QTCSW, 1E/1B	CHL, CB, SIL	PY	Quartz Carbonate Stock work in Mafic volcanic flow, bleached white grey to dark grey green colours, mostly quartz composition + mafics, weak to strong CHL in WR along shear which generally increases over interval, weak to moderate CB in WR with shear and fractures, moderate to strong SIL, strongly sheared, 25% QS/QCS, QS up to 4 cm wide, 5-17% FG-MG DISS and SH cont. PY, non to strongly magnetic	742
C56722	26-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	190	29.65	30.00	0.35		QTCSW, 1E, 1B	SIL	PY	Quartz Carbonate Stock work in Mafic Volcanic Flow, bleached grey white colour, quartz composition, strong SIL, moderately sheared, 50% QV/QCV up to 9 cm wide, 1-3% FG fracture controlled PY, non magnetic, weakly to moderately fractured	1430
C56723	30-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	192	30.00	30.55	0.55		QTCSW, 1E/1B	CHL, CB	PY	Quartz Carbonate Stock work in Mafic Flow, white to green colours, strong CHL in WR, non-weak CB in fractures, strongly sheared, 25% QV/QCV parallel to shear, 10-15% FG to MG PY mostly along shear in WR but some in fractures in VN, mafics non-moderately magnetic	1900
C56724	30-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	208	30.55	30.90	0.35		QTCSW, 1E	CHL, CB	PY	Quartz Carbonate Stock Work in Mafic Flow, green to white in colour, strong shear controlled CHL in WR, weak to moderate CB along shear in WR, moderate to strongly sheared, 15-20% QS/QCS, 15% FG to MG PY along shear in WR and fractures in VN, variably magnetic from non to strong.	1960
C56725	30-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	212	30.90	31.55	0.65		QTCSW, 1E	CHL, CB	PY	Quartz Carbonate Stock work in Mafic Flow, green to orangish grey white colour, strong CHL in WR, weak to moderate CB in WR and fractures, strongly to intensely sheared, more intense towards LC where it is strongly oxidized and red and crumbly on surface, some minor folding visible, 15% QS/QCS, 1% PY, variable PY along seams and FG DISS, non magnetic	31
C56726	30-May-10	SF	Centurion (channel: CWL-CEN-CX-002)	212	31.55	32.10	0.35		1E/1B, (QTCSW)	CHL, CB		Mafic Massive-Pillowed? Flow, (a minor Quartz Carbonate Stock Work), greyish green to white colour, strong pervasive CHL, moderate shear controlled CB, strong to intensely sheared, 2-5% QS/QCS, no PY, non magnetic	12
C56839	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	212	31.55	32.10	0.55	*DUPLICATE OF C56726*	1E/1B (QTCSW)	CHL, CB		Mafic Massive-Pillowed? Flow, (a minor quartz carbonate stockwork), duplicate of C56726, refer to previous description	8

C56840	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	196	32.10	32.45	0.35		1B	CHL	PY	Sheared Mafic Massive Flow, medium dark greenish grey colour, weak to moderate pervasive CHL alt., weakly fractured, strongly sheared, 1% thin QCS , trace PY in qtz, non magnetic	<5
C56841	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	196	32.45	33.00	0.55		QTCSW /1B	CHL, SIL, CB	PY	Weak Quartz Carbonate Stockwork in a sheared mafic massive flow, dark gerenish grey and white to beige colours, strongly sheared, small s-shaped folding, moderaet pervasive CHL alt., weak pervasive SIL alt., trace CB alt, 20% shear and fold controlled QCS, trace PY	<5
C56842	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	196	33.00	33.65	0.65		1B	SIL, CB, CHL		Sheared Mafic Massive Flow, medium greenish grey colour, strongly sheared, moderate pervasive SIL alt., moderate pervasive CB (calcite), weak pervasive CHL alt, lustrous sheared surface, 5% to locally 10% QCS (2 difference phaseS), no visible sulphides	<5
C56843	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	196	33.65	34.20	0.55		1B	CHL, SIL, CB	PY	Sheared Mafic Massive Flow, medium to dark greenish grey colour, strongly sheared, moderately fractured, weak pervasive CHL alt., moderate pervasive SIL flooding, strong pervasive CB (calcite), 4-5% QCS up to 2 cm across, trace PY in qtz, non magnetic	<5
C56844	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	193	34.20	34.55	0.35		1E	CHL, CB	PY	Strongly sheared Massive Mafic Pillow flow, dark green colour, very stronglt sheared, strong fractures along shear planes, strong pervasive CHL alt., strong pervasive CB (calcite), 5% shear controlled QCS, 2% FG DISS PY, non magnetic	15
C56845	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	193	34.55	35.00	0.45		1E	CHL, CB	PY	Sheared Mafic Pillow Flow, dark green colour, moderately sheared, moderate to strong fractures along shear planes, strong pervasive CHL alt., locally pervasive moderate CB (calcite) alt, 1% thin shear controlled QCS, 4% FG-MG DISS PY	22
C56846	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)					*STANDARD*				CDN-GS-4B	>3000
C56847	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)					*BLANK*				CDN-BL-6	<5
C56848	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	193	35.00	35.55	0.55		1E	CHL, CB, ANK	PY	Sheared Mafic Pillow Flow, medium greenish grey colour, strongly sheared, moderate to strong fractures along shear plane, moderate pervasive CHL alt., moderate pervasive CB (calcite) alt., trace to weak pervasive ANK, 1% thin QCS, <1% FG DISS PY	<5
C56849	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	193	35.55	35.90	0.35		1A	CHL, ANK, SER	PY	Strongly sheared Mafic Interbed between Pillow Flows, dark green to black colours, strongly sheared, very strongly fractured along shear planes, moderate pervasive CHL alt., weak local ankerite alt., weak to trace SER alt., locally moderately magnetic, <1% VFG DISS PY	7
C56850	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	193	35.90	36.65	0.75		1E	CHL, CB, SIL	PY	Sheared Mafic Pillow Flow, dark greyish green colour, strongly sheared, strong pervasive CHL alt., weak pervasiveCB (calcite), weak fractures along shear planes, weak to moderate pervasive SIL alt., 5% shear controlled QCS, <1% FG PY along edges of QCS	<5
C56851	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	193	36.65	37.25	0.60		1E	CHL, SER	PY	Sheared Mafic Flow, very stongly sheared, dark greenish grey colour, strong fractures along shear planes, weak to moderate pervasive CHL alt., weak SER alt., trace VFG Py	<5
C56852	8-Jun-10	GM	Centurion (channel: CWL-CX-CEN-002)	193	37.25	37.50	0.25		1B	CHL, CB	PY	Very Sheared Mafic Flow, dark grey to black colour, very strongly sheared, very strongly fractured along shear plane, weak pervasive CHL alt., moderate pervasive CB (calcite) alt., 1% FG DISS PY, non magnetic	<5

C56853	8-Jun-10	GM				Centurion (channel: CWL-CX-CEN-002)	193	37.50	37.95	0.45	1E	CHL, CB, ANK	Py	Sheared Mafic Basaltic Flow, strongly sheared, weak to moderate fractures, dark greenish grey colour, moderate pervasive CHL alt., strong pervasive CB (calcite) alt., weak local ANK alt., trace PY, non magnetic	<5
C56854	8-Jun-10	GM				Centurion (channel: CWL-CX-CEN-002)	193	37.95	38.80	0.85	1E	CHL, CB	PY	Sheared Mafic Basaltic Flow, moderately sheared, medium to dark greyish green colour, moderately fractured along shear plane, 2-3% shear controlled QCS, moderate to strong pervasive CHL alt., strong pervasive CB (calcite) alt., trace FG DISS PY	<5
C56727	30-May-10	SF, GM	447755.45	5536195.53	281.85	Centurion (channel: CWL-CEN-CX-003)	200	0.00	0.90	0.90	1B	CHL, CB, ANK	PY	Massive Mafic Flow, green to grey white in colour, strong pervasive CHL, strong pervasiveand shear controlled CB, shear controlled/semi pervasive Ankerite, moderately sheared, 5% shear controlled QCS, 1% FG DISS and shear controlled PY, non magnetic	7
C56728	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	202	0.90	1.65	0.75	1B	CHL, CB, ANK	PY	Massive Mafic Flow, green to beige white colour, mafic compostion, moderate to strong CHL, moderate shear controlled CB, shear controlled Ankerite present, strongly sheared, 10% QS/QCS, 5-10% FG-MG DISS PY in mafics, non magnetic	<5
C56729	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	203	1.65	2.05	0.40	6F , (3I?)	CHL, SIL	PY	Feldspar Porphyry (Felsic-Intermediate Crystal Tuff), pinkish brown white to grey colour, felsic to intermediate composition, moderate CHL locally in WR inclusions, strong SIL pervasive, moderate to strongly sheared, 2% FG-MG PY in fractures and WR, 5% WR inclusions	<5
C56730	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	205	2.05	2.60	0.55	1B, 6F	CHL, SIL, CB, ANK	PY	Massive Mafic Volcanic Flow with intermitent Feldspar Porphyry, grey green to pinkish brown colour, weak CHL, moderate SIL along shear, weak to moderate CB along shear, ankerite along shear, 20% Porphyry up to 6 cm wide, strongly sheared, 1% QS/QCS, 5% to locally 20% massive PY along contacts between porphyry and mafics, non magnetic	54
C56731	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	209	2.60	3.40	0.80	1B	CHL, CB, ANK	PY	Masive Mafic Volcanic Flow, green to greyish white in colour, mafic composition, strong pervasive CHL, strong pervasive and shear controlled CB, ANK alteration along shear, moderate to strongly sheared, 1% QCS, 1-2% FG-MG DISS PY, non magnetic	6
C56732	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	208	3.40	4.30	0.90	1B	CHL, CB, SIL, ANK	PY	Sheared Massive Mafic Flow, greenish grey colour, moderately to weakly sheared, moderate to strong pervasive CHL alteration with pervasive CB alteration, moderate fracture controlled SIL, trace pervasive ANK alteration, 2-3% FG-MG	15
C56733	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	206	4.30	5.15	0.85	1B	CHL, SIL, CB	PY	Massive Mafic Flow, moderately sheared, moderate to strong pervasive CHL alt., moderate locally pervasive SIL alt, strong pervasive CB (calcite) alt. , 2-3% QCS in areas of less CB alt., 1% to locally 3% FG DISS PY, non magnetic	20
C56734	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	207	5.15	6.00	0.85	1B	CHL, CB	PY	Massive Mafic Volcanic Flow, green to grey white colour, mafic composition, moderate to strong pervasive CHL, strong pervasive and shear controlled CB, 1% QCS, moderate to strongly sheared, <1% FG DISS PY, non magnetic	14
C56735	30-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	204	6.00	6.70	0.70	1B	CHL, CB	PY	Massive Mafic Volcanic Flow, greyish green to light grey colour, mafic composition, moderate to strong CHL, strong shear controlled CB, moderate to strong shearing, <1% QCS, <1% VFG fracture/shear controlled PY	13

C56736	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	204	6.70	7.45	0.75	1B	CHL, CB	PY	Massive Mafic Flow, mafic composition, green to grey white colour, strong pervasive CHL, strong shear controlled CB, strongly sheared, 1-2% QCS, very minor folding present, 1-2% VFG-FG PY shear controlled and DISS, non magnetic	46
C56737	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	207	7.45	8.05	0.60	4G, 1I	SER, ANK, SIL	PY	Mafic Argilliceous Volcanoclastic, medium greyish colour, first 8 cm @ north end (UC) is a feldspar porphyry, moderately sheared, moderate pervasive SIL, locally pervasive moderate ANK, weak pervasive SER, 2% VFG-FG shear controlled PY, <1% PY in porphyry, non magnetic	30
C56738	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	216	8.05	8.90	0.85	4G, 1I	SIL, ANK, CHL, SER	PY	Mafic Argilliceous Volcanoclastic, medium to locally dark grey colour, strongly sheared, moderate pervasive sIL, weak local ANK alt., trace pervasive CHL, trace SER alt., 1% shear controlled QCS, 5-8% FG DISS PY	31
C56739	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	210	8.90	9.50	0.60	4G, 1I	CB, ANK, SER	PY	Mafic Volcanoclastics, black to orange and white colours, weak CB in fractures, ANK in fractures and some along shear, SER alt., 30% graphite, intensely sheared, 5-20% FG-MG PY/CPY? Along fractures and seams, moderately magnetic in graphite regions, graphite decreases across interval, gradational change at LC to 1B (Mafic Flow)	55
C56740	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	210	9.50	10.15	0.65	1B	CB, CHL		Massive Mafic Volcanic, grey colour, mafic composition, moderate shear controlled CB, weak pervasive CHL, possible weak SIL?, moderately sheared, <1% QCS, no visible sulfides, non magnetic	16
C56741	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	10.15	10.75	0.60	1B	CB, CHL, SIL	PY	Massive Mafic Flow, pale grey colour, mafic composition, moderate shear controlled CB, weak CHL, weak SIL, moderately sheared, no QCS, <1% VFG DISS PY, non magnetic	<5
C56742	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	10.75	11.35	0.60	1B	CB, CHL, SIL	PY, MAG	Massive Mafic Volcanic, mafic composition, pale grey colour, strong shear controlled CB (calcite), weak CHL, weak SIL, moderately sheared, <1% QCS, trace PY, weakly magnetic, trace MAG	23
C56743	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	11.35	11.95	0.60	4g, 1i	SER, ANK	PY	mafic Volcanoclastics. Light to medium grey colour. Mod ser alt. Locally mod ank alt. 15% graphite. Str shear. 1% fg py locally associated with graphite and str mag. Str mag.	61
C56744	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	11.95	12.85	0.90	1b	CHL, SER, CB, ANK	PY, MAG	massive mafic flow (grading into volcanoclastics). Grey in colour. Mafic comp. Wk-mod shear-cont cb alt. Very wk CHL-SER alt increasing down unit. Str shear. Ank present. Tr py. Mod mag. <1% DISS MAG	23
C56745	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	12.85	13.70	0.85	4G (1I)	SER, ANK	PY, MAG	mafic volcanoclastics. Grey and brown colours. Str ser alt. Wk shear-cont ank alt. Str shear. 3-5% fg-vfg diss py. Mod-str mag. 3% fg diss mag.	126
C56746	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	13.70	14.30	0.60	1b (4G)	CHL, CB	PY	massive mafic flow with some possible volcanoclastics mixed in. Greyish green to grey colour. Mafic comp. Mod perv chl alt. Str sh-cont cb alt. Str shear. <1% qcs. 5% PY from VFG DISS to CG DISS and shear controlled, Locally 20% cg shear-cont py @ .2 , of LC, Non-magnetic.	27
C56747	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	14.30	15.20	0.90	1b	CHL, CB, EPI	PY	massive mafic flow. Greyish green to white-grey colour. Mafic composition. Mod perv chl alt. Str shear-cont cb alt. Mod shear. 3-5% qcs. 1-2% fg-mg diss py. Epi alt. Minor folding. Non-mag. Locally 15% mg py along seams closer to UC	8
C56748	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	15.20	16.10	0.90	1b	CHL, CB	PY	massive mafic volcanic flow. Greyyish green to grey colour. Mafic comp. Mod perv chl alt. Str shear and frac-cont cb alt. Mod-str shear. 1% qcs. 1% fg-mg diss py and along seams. Non-mag.	6

C56749	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	16.10	16.90	0.80	1b	CHL, CB, SER?	PY	mafic massive flow. Grey-green to grey colour. Mafic comp. Mod perv chl alt. Str perv cb alt. Str shear. <1% qcs. Tr frac-cont ser alt?. 1-5% fg-mg diss py increasing at lc. Mod-str mag.	46
C56750	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	16.90	17.40	0.50	1b, qtcsw	CHL, SIL, CB, ANK	PY	mafic flow/ qtcsw. Dark-grey green to white-grey colour. Mafic and qtz comp. Mod perv chl alt. Str perv cb alt. @ 17.2 m local SIL, Str shear. Str weathered/oxidized surface. Wk ank. 15% qcs. Locally str mag at lower cont. 10-15% fg-mg diss py.	85
C56751	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	17.40	18.15	0.75	1b	CHL, CB, ANK	PY	sheared mafic massive flow. Dark greenish grey colour. Mod shear. Str perv chl alt. Mod perv cb (calcite) alt. Wk-tr perv ank alt. 1% thin qcs. Mod mag. 1% fg diss py.	21
C56752	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	218	18.15	18.60	0.45	qtcsw, 1b	CHL, SER	PY	quartz-carbonate (calcite) stockwork in a sheared mafic massive flow. Dark greyish black and greyish-white colour. Str shear. 45% thin shear-cont qcs. Wk perv chl alt in wallrock. Wk local frac-cont ser alt. 3% to locally 10% fg frac-cont py. Mod mag.	86
C56753	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	224	18.60	18.80	0.20	1b	CHL, CB, ANK	PY	sheared mafic massive flow. Dark greenish grey colour. Str shear. Str perv chl alt. Str perv cb (calcite) alt. Wk perv ank alt. Mod mag. 1-2% thin qcs. <1% fg-vfg diss py.	192
C56754	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	224	18.80	19.25	0.45	qtcsw, 1b	SIL, CHL(BIO?)	PY	quartz-carbonate stockwork in a mafic flow. Dark grey to pinky white colour. Wk cb in veinlets and along shear. Wk perv sil alt. Wk chl (BIO?) along shear in wallrock. 20% qcs. 5% mg diss py and concentrated around outside of QCS. Str mag. Str shear.	75
C56755	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	224	19.25	19.45	0.20	1b	CHL, CB	PY, MAG	mafic flow. Greyish green colour. Mafic comp. Mod perv chl alt. Mod shear-cont cb alt. Str shear. <1% qcs. 1% fg diss py. Str mag. 1% fg diss mag.	18
C56756	30-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	224	19.45	20.15	0.70	qtcsw, 1b	SER, ANK	PY	quartz-carbonate stockwork in a sheared massive mafic flow. Dark grey and white with beige colours. Slightly wavy texture. Str shear. Wk locally perv ser alt. Tr perv ank alt. Locally wk mag. 25% qcs. 20% fg-mg shear-cont py.	52
C56757	31-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	197	20.15	20.60	0.45	1b	CHL, CB	PY	massive mafic volcanic flow. Greenish grey colour. Mafic comp. Mod-str perv chl alt. Wk shear-cont cb alt. Str shear. 2-3% thin qs/qcs. 1-3% fg-mg diss py. Wk mag.	34
C56758	31-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	197	20.60	21.20	0.60	qtcsw, 1b	SIL, SER?	PY	quartz-carbonate stockwork in a mafic flow. Whitish grey to black colour. Str perv sil alt. Str shear. 50% qv/qcv. Weakly fractured veins, ser alt.?, 15% fg-mg diss and frac-filling py. Non-magnetic.	384
C56759	31-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	216	21.20	21.75	0.55	qtcsw, 1b		PY	quartz-carbonate stockwork in a sheared massive mafic flow. Dark black and white to rusty white colours. Str shear. 15% thin shear-cont qcs. 5-8% fg diss py. Non-magnetic.	307
C56760	31-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	216	21.75	22.15	0.40	qtcsw, 1b	SIL, CHL, DOL, ANK	PY	quartz-carbonate stockwork in a mafic flow. White and black colour. Mod perv sil alt. Str shear. Wk chl along shear. 40% qv/qcv. 15% fg-mg diss py. Non-magnetic. Wk dolomite alteration. Wk ank.	431
C56761	31-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	221	22.15	22.55	0.40	1b	SIL, CHL, CB	PY	silica flooded mafic flow (within QTCSW intervals). Greenish grey to bleached white colour. Str perv sil alt. Wk perv chl alt. Mod shear-cont cb alt. Str shear. 2% qcs. 10-12% fg-mg diss py. Str mag.	84
C56762	31-May-10	SF, GM	Centurion (channel: CWL-CEN-CX-003)	221	22.55	23.20	0.65	1b	CHL, SIL	PY	sheared mafic massive flow. Dark greenish grey and white colour. Mod shear. Mod perv chl alt. Mod perv sil alt. 3% thin qcs. 8-10% fg-mg diss py. 2% fg diss py. Str mag.	170

C56763	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	237	23.20	23.80	0.60		1b	CHL, SIL, CB	PY, MAG	sheared mafic massive flow approaching a quartz stockwork. Dark greenish and white colours. Str shear. Str perv chl alt. Mod shear-cont sil alt. Mod perv cb (calcite) alt. 5% qcs/qcv. Str mag. 1% fg diss mag. 4-5% and locally 10% fg-mg py.	311
C56764	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	23.80	24.35	0.55	spec of vg.	qtcsw, 1b	CB, CHL, SIL	PY, AU	quartz-carbonate stockwork in a sheared mafic flow. Small spec of visible gold. Mostly bleached white and black colour. Wk to locally mod cb alt in shear and fractures. Wk-mod shear-cont chl alt in WR. Str perv sil alt. Str shear. 55% qv/qcv. 10% shear-cont fg py. Non-magnetic.	>3000
C56765	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)					*DUPLICATE of C56764*				duplicate of C56764	>3000
C56766	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)					*BLANK*				cdn-bl-6	<5
C56767	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)					*STANDARD*				cdn-gs-4b	>3000
C56768	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	24.35	25.00	0.65		1b, qtcsw	CHL, CB	PY, MAG	massive mafic flow approaching a quartz-carbonate stockwork. Grey-green colour. Mafic comp. Mod perv chl alt. Non-Wk cb alt. Str shear. 8% thin qs/qcs. 2-4% fg diss and shear-cont py. Str mag. 1-2% fg diss mag.	57
C56769	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	25.00	25.70	0.70		1b, qtcsw	CB, CHL, SIL	PY	massive mafic flow OR a weak quartz-carbonate stockwork. Grey-green and white colours. Mostly mafic comp. Wk-mod cb alt in frac and stringers. Mod shear-cont chl alt. Mod perv sil alt. Str shear. Mod mag. 15-20% qcs. 5-8% fg shear-cont py. locally 20% at lc.	37
C56770	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	25.70	26.10	0.40		qtcsw, 1b	CHL, SIL	PY	quartz stockwork in a sheared massive mafic flow. Medium to dark greyish quartz, and black colour. Locally wk chl alt. Wk perv and shear-cont sil alt. 50% qtz veinlets and stringers. 25-30% vfg-mg shear-cont py. Non-magnetic.	137
C56771	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	26.10	26.40	0.30		1b	CB, SER, CHL, SIL	PY	strongly mineralized mafic flow. Dark grey to white colour. Mafic comp. Wk cb in veins. Wk ser alt. Wk perv chl alt. Mod perv sil alt. Str shear. 10% qcs. 30-35% fg-mg diss and shear-cont py. Non-magnetic.	153
C56772	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	26.40	26.80	0.40		qtcsw, 1b	SIL, ANK, CB	PY	quartz-carbonate stockwork in a sheared massive mafic flow. Bleached white to grey colour, and light orange colour. Str perv sil alt. Wk ank in fractures. Wk cb (calcite) in veins. Str shear. 70% qcs. 10-15% fg diss and shear-cont py. Non-magnetic. Wk fractured.	106
C56773	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	26.80	27.40	0.60		1I, 1B	SIL, CB, CHL	PY	sheared mafic volcanoclastic? flow. Dark greenish grey colour. Mod shear. Mod perv sil alt. Locally mod cb (calcite) alt. Wk relict chl alt. Slightly wavy shear around small qtz blowouts. 2% thin qcs. 1% fg diss py. Wk mag.	25
C56774	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	27.40	27.85	0.45		1b	CHL, CB	PY, MAG	sheared mafic massive flow. Wk-mod shear. Dark greenish-black colour. Wk-mod perv chl alt. Str mag. Mod-str shear-cont cb (calcite) alt. 5% thin qcs. 2-3% fg-mg diss py. 1-2% fg diss mag.	204
C56775	31-May-10	SF, GM				Centurion (channel: CWL-CEN-CX-003)	240	27.85	28.50	0.65		1b	CHL, SIL, CB	PY	sheared mafic massive flow. Dark greyish-black colour. Mod shear. Wk perv chl alt. Mod-str silica flooding at upper and lower contacts. Mod perv cb (calcite) alt in less silica flooded areas. Mod mag in less silica flooded areas. 3% qcs. 3% to locally 6% fg-mg diss py.	121
C56776	2-Jun-10	GM	447763.83	5536186.34	280.47	Centurion (channel: CWL-CEN-CX-004)	169	0.00	0.80	0.80		1E	CB, DOL, SIL	Py	Strongly Sheared/Altered Mafic Pillow Flow, mafic composition, bleached grey to medium grey and brown colour, moderate pervastive CB (calcite, and dolomite along fractures), moderate-strong pervasive SIL, strongly sheared, 2% QCS, 1-2% FG shear controlled and DISS PY, non magnetic	21

C56777	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	169	0.80	1.20	0.40		1E	SIL, DOL, SER	PY	Strongly sheared/Altered Mafic Pillow Flow, dark greyish to beige colour, strong pervasive SIL alt, weak DOL alt. , strongly sheared, weak fracture controlled SER alt., 1% thin QCS, tr FG DISS PY, non magnetic	9
C56778	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	169	1.20	1.60	0.40		1E	SIL, CB, ANK	PY	Strongly sheared and Altered Mafic Pillow Flow, black and white-beige colour, strongly sheared, strong shear controlled SIL alt., weak fracture controlled CB (calcite) alt, strong pervasive ANK alt., 1% FG PY along less SIL altered ribbons, non magnetic	32
C56779	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	169	1.60	2.05	0.45		1E	SIL, DOL, ANK	PY	Sheared and Altered Mafic Pillow Flow, dark greyish and beigish colour, strongly sheared, strong pervasive SIL alt, moderate shear controlled DOL alt., moderate pervasive ANK alt., nonmagnetic, <1% VFG-FG DISS PY	21
C56780	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	169	2.05	2.50	0.45		1E	SIL, CB, DOL, ANK, SER	PY	Very Sheared/Altered Mafic Pillow Flow, very strongly sheared, rusty brown colour eminating from surface, moderate pervasive SIL alt., moderate to strong fracture controlled CB (calcite, dolomite, ankerite), alt., weak pervasive SER alt., trace PY, moderately magnetic	71
C56781	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	169	2.50	2.70	0.20		1E	SIL, SER, DOL	PY	Sheared and Altered Mafic Pillow Flow, beigeish colour, strongly sheared, strong pervasive SIL alt., moderate to strong SER alt., shear controlled DOL alt., 1% QCS, <1% VFG DISS PY, weakly magnetic	164
C56782	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	186	2.70	3.05	0.35	*2 m @ 62 degrees from C56781*	1E	CB, SIL, ANK	PY	Strongly Altered and Sheared Mafic Pillow Flow, bleached white grey to pinkish colours, strong fracture controlled CB (calcite), strong pervasive SIL, weak shear controlled ANK, strongly sheared, 1% VFG DISS and fracture filling, strongly magnetic	1550
C56783	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	186	3.05	3.70	0.65	first 20 cm intensely sheared adn contains earthy material (no rock)	1E	CB, SIL, SER	PY	Strongly Sheared/Altered Mafic Pillow Flow, bleached grey brown colour, first 20 cm is intensely sheared and contains no rock but earthy material, strong pervasive CB, strong pervasive SIL, weak to moderate pervasive SER, strong-intensely sheared, strongly magnetic, trace VFG PY	1350
C56784	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	174	3.70	4.30	0.60		1E	CB, SIL, SER	PY	Strongly Altered/Sheared Mafic Pillow Flow (Pillow Breccia), bleached brown grey colour, weak pervasive CB (calcite), strong pervasive SIL, moderate SER, strongly sheared, strongly magnetic, 1% VFG DISS PY	943
C56785	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	174	4.30	4.95	0.65		1E/1B	SIL, CB, SER	PY	Strongly Sheared/Altered Mafic Pillow Flow or Massive Flow, medium beige colour with black ribbons, strongly sheared, strong pervasive SIL flooding, weak shear controlled CB (calcite) alt., weak pervasive SER alt., strongly magnetic, <1% to locally 1% VFG-FG DISS PY	729
C56786	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	174	4.95	5.65	0.70		1E	SIL, SER, DOL	PY, MAG	Strongly Sheared/Altered Mafic Pillow Flow, Medium beige colour with black ribbons, strongly sheared, strong pervasive SIL flooding, weak pervasive SER alt., weak fracture controlled DOL alt., strongly magnetic, 2% FG DISS magnetite, 1% VFG-FG DISS and fracture controlled PY	1080
C56787	2-Jun-10	GM	Centurion (channel: CWL-CEN-CX-004)	170	5.65	6.65	1.00		1E	SIL, SER, ANK	PY	Strongly Sheared and Altered (Blitzed) Mafic Pillow Flow, dark greyish and beige banded colour, strongly sheared, moderate to strong pervasive SIL alt., weak fracture controlled SER alt., weak local ANK alt., weak to moderately magnetic, <1% thin erratic QCS, <1% VFG PY usually associated with qcs	800

C56788	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)	158	6.65	7.30	0.65		1E/9G	SIL, CB, SER	PY	Altered/Sheared Mafic Flow with a gradational contact towards Felsite, bleached white to brown colour, strong pervasive SIL, weak to moderate fracture controlled CB (calcite), moderate shear controlled SER alt., strongly to intensely sheared, weak to strongly magnetic which decreases across interval towards LC, <1% VFG PY in fractures and DISS	364
C56789	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)					*STANDARD*				CDN-GS-4B	>3000
C56790	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)					*BLANK*				CDN-BL-6	<5
C56791	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)	158	7.30	7.85	0.55		9G	SIL, CB, SER	PY	Felsite, felsic composition, bleached white to light pink brown colour, strong pervasive SIL, weak to moderate pervasive CB, weak shear controlled SER?, strongly sheared, weakly fractured, 1% QCS along fractures, non to weakly magnetic, 1% FG fracture filled PY	47
C56792	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)	158	7.85	8.55	0.70	*.6 m @ 79 degrees from end of C56791*	9G	CB, SIL	PY	Felsite dyke, orangeish-pinkish colour, weak to moderately sheared, weak pervasive CB alt., moderate pervasive SIL alt., weakly fractured, 3% VFG-FG DISS PY, 2% qtz stringers, 15-20 cm of dirt due to dip in rock	44
C56793	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)	158	8.55	9.25	0.70		9G	CB, SER, SIL	PY	Felsite Dyke, orange-beige to beige colour, moderately sheared, locally 15% thin shear controlled mafic erractic ribbons, 10% thin quartz stringers, trace pervasive CB (calcite) alt., weak to moderate local SER alt., moderate pervasive SIL alt., 1% VFG-FG PY both DISS and in mafic ribbons, micro folding in mafic ribbons	13
C56794	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)	158	9.25	9.70	0.45		9G	CB, SIL, SER	PY	Felsite Dyke, orange-pink to beige colour, weakly sheared, weakly fractured, weak fracture controlled CB alt., moderate pervasive SIL alt., weak to moderate locally pervasive SER alt., 3-4% thin QS, 1% VFG-FG DISS PY	8
C56795	2-Jun-10	GM				Centurion (channel: CWL-CEN-CX-004)	158	9.70	10.10	0.40	*55 cm @ 245 degrees from end of C56794*	9G	CB, SIL	PY	Felsite Dyke, bleached pinkish colour, felsic composition, trace CB, moderate pervasive SIL, strongly sheared, 10% QS/QCS, 1% FG-MG fracture filled PY, non magnetic, weakly fractured	45
C56796	4-Jun-10	SR				Centurion (channel: CWL-CEN-CX-004)	156	10.10	10.60	0.50		QTSW/ 9AG	SIL (KSPAR?), CB, ANK	PY	Quartz Stockwork/Felsite, pinkish brown and greyish white colour, strong pervasive SIL (KSPAR?), with weak to moderate CB (calcite), and weak DISS ANK, Strongly fractured with 25-40% QS/QCS, VFG to locally MG PY varying 2-5% in both WR and QS/QCS, nonmagnetic	25
C56797	4-Jun-10	SR				Centurion (channel: CWL-CEN-CX-004)	158	10.60	11.25	0.65		QTSW/ 9AG	SIL (KSPAR?), CB, ANK	PY	Quartz Stockwork/Felsite, pinkish brown and greyish white colour, strong pervasive SIL (KSPAR?), CB (calcite), with trace to no ANK, strongly fractured, 25-35% QS/QCS, 1-3% VFG scattered PY in WR>VN, non magnetic	140
C56798	4-Jun-10	SR				Centurion (channel: CWL-CEN-CX-004)	157	11.25	11.70	0.45		QTSW/ 9AG	SIL (KSPAR?), CB, ANK	PY	Quartz Stockwork/Felsite, pinkish and greyish white colour, strong pervasive SIL (KSPAR?), with weak CB (calcite and ankerite) as fracture filling, VFG Altered WR, 20-30% QS/QCS, <1%-2% VFG DISS PY in WR>VN, non magnetic	13
C56799	6-Jun-10	SR	447776.69	5536174.31	279.64	Centurion (channel: CWL-CX-CEN-005)	172	0.00	0.60	0.60		9AG	SIL (KSPAR?), CB, CHL	PY, MAG	Felsite, pink to pinkish brown/grey colour, strong pervasive SIL (KSPAR?) through VFG matrix, weak CB (calcite), local CHL in fractures, 2-4% QS>QCS, strongly sheared, <= 1% VFG PY with none to weakly magnetic, <=1 % MAG	55

C56800	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	172	0.60	1.40	0.80	9AG	SIL (KSPAR?), CB, ANK	PY, MAG	Felsite, light pinkish brownish grey to grey colour, strong pervasive SIL (KSPAR?), with weak CB and patchy ANK, strongly sheared, <=1% QS/QCS parallel to shear, <= 1% PY, weakly magnetic, <=1% MAG	128
C56801	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	172	1.40	2.10	0.70	9AG	SIL (KSPAR?), CB, ANK, CHL	PY, MAG	Felsite, pinkish/brownish colour, strong pervasive SIL (KSPAR?), weak CB (calcite), and ANK-DOL?, CHL along shear, Strongly sheared, <1% QS/QCS, occassional PY <1%, non magnetic, <1% MAG	190
C56802	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	172	2.10	2.70	0.60	9AG	SIL, CB, ANK, CHL	PY	Felsite, brown and brownish grey colour, strong pervasive SIL with weak CB in calcite and ankerite, local CHL, strongly sheared, <=1% QCS at 13.8 m, <1% widely scattered VFG PY, non magnetic	9
C56803	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	176	2.70	3.30	0.60	9AG	SIL (KSPAR?), CHL, CB	PY	Felsite, dirty brownish to pinkish grey clour, strong pervasive SIL (KSPAR?), with CHL seams (along shear), weak CB, strongly sheared, 5% QS/QCS, <=1% PY, nonmagnetic	8
C56804	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	176	3.30	3.80	0.50	QV	SIL-KSPAR	PY	Quartz Vein, milky white and pink colour, milky white quartz composition of VN and strong SIL-KSPAR WR inclusions which are 10-15% and up to 6 cm wide, increase in inclusions @ 15.5 m, poorly fractured VN, <1% PY	<5
C56805	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	174	3.80	4.40	0.60	1B (E)	CHL, CB	PY	Mafic Flow (Pillow Flow?), green and greyish green colour, mafic composition with moderate CHL and moderate to strong CB (calcite), strongly sheared, <1% PY with increase in PY @ 15.5 m, nonmagnetic	289
C56806	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	174	4.40	5.20	0.80	1B (E)	CHL, CB	PY	Mafic Flow (Pillow Flow?), Dark green to greyish green colour, mafic composition with moderate CHL and weak to locally moderate CB (calcite)along shear, upper part strongly sheared with decrease towards 5.2 m, <=1% QCS/CS parallel to shear, <1% PY, nonmagnetic	203
C56807	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-005)	172	5.20	6.20	1.00	1B	CB, CHL	PY	Massive Mafic Flow, light grey to greenish grey colour, strongly altered mafic composition with strong pervasive CB (calcite) includes 15 cm interval of CHL-CB SH (with locally 5% PY), weak to moderately sheared interval, <1% QCS, overall <=1% with locally 5% PY, non magnetic	49
C56808	6-Jun-10	SR	447688.67	5536251.62	281.15	Centurion (channel: CWL-CX-CEN-006)	174	0.00	0.60	0.60	1C	CB	PY	Amygdaloidal Mafic Flow, green colour, mafic composition with 20-30% sub rounded feldspar/zeolite amygdules (<= 0.1 cm), moderate CB, moderately sheared, <1% QCS, <1% PY, with increase in PY (2-3%) towards lower contact	13
C56809	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	174	0.60	1.00	0.40	QV	SIL, CHL	PY, CPY	Quartz Vein, white and bleached grey colour, strong SIL, strong CHL, WR as inclusions (40%), vein is qtz-cb composition, <=1% PY (CPY @ Upper contact)	6
C56810	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	174	1.00	1.40	0.40	QV		PY	Quartz Vein, white to milky white colour, quartz with carbonaet composition, moderateely fractured vein, 5-10% diffuse Wallrock inclusions, <=1% PY along seams and WR/VN contact	<5
C56811	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	174	1.40	1.90	0.50	1B(I)	SIL, CB, CHL	PY, MAG	Sheared Mafic Flow or Volcanoclastic, green to greenish grey colour, mafic composition, gradually stronger SIL towards 1.9 m, moderate CB and weak CHL, strongly sheared, <=1-2% QCS/QS, 2-5% VFG PY in WR with increase in PY towards 1.9 m, <1% MAG (weakly magnetic)	10
C56812	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	170	1.90	2.40	0.50	QTCSW	CHL, CB	PY	Quartz Carbonate Stockwork, green and greenish grey and white colour, strong shear controlled CHL-CB, strongly sheared, with 15-20% QCS/QS parallel to shear, <1% PY	21

C56813	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	173	2.40	2.95	0.55		QTCSW	CHL, SIL, CB, FD	PY, MAG	Quartz Carbonate Stockwork, green and grey striped colour and white, moderate CHL shear bands/LAM alternating with SIL QTZ-FD LAM with CB, strongly sheared, and 20-30% QCS/QS parallel to shear, <1-2% PY, nonmagnetic to strongly magnetic, <1-2% MAG	19
C56814	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	175	2.95	3.35	0.40		1I	SIL, FD, CHL, CB	PY, CPY, MAG	Fractured Mafic Volcanoclastic, green and greenish grey, mafic composition with alternating CHL and Qtz-FD Shear LAM/bands, with Moderate SIL, VFG and strongly sheared, 5-10% QCS/QS parallel to shear, 5% VFG DISS PY and <1% CPY, moderately magnetic, 1-3% MAG	24
C56815	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	175	3.35	3.75	0.40		1I	SIL, CHL, CB	PY	Silicified Mafic Volcanoclastic, greyish to bleached greyish green colour, moderate to strong (shear controlled) SIL flooded, with relict CHL-CB, strongly sheared with <1% QCS/QS - QS/QCS boudins at 3.75 m, 1-2% PY, non magnetic	217
C56816	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	173	3.75	4.20	0.45		QV	SIL (KSPAR), CHL, FD	PY	Quartz Vein, white and bleach grey pinkish white, quartz composition with 20% SIL (KSPAR) and shear LAM CHL/ Qtz-FD wallrock inclusions, weakly fractured VN, <1% to locally 2-3% DISS PY in SIL (KSPAR) WR, non magnetic	16
C56817	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	167	4.20	4.60	0.40		1I	SIL, CB	PY	Silicified Mafic Volcanoclastic, pinkish white and greyish white colour, strong pervasive SIL, no to weak CB, strongly sheared and weakly fractured, 5-15% QC/QCS decreasing towards 4.6 m, <=1% PY	27
C56818	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	167	4.20	4.60	0.40	*DUPLICATE of C56817*	1I	SIL, CB		Silicified Mafic Volcanoclastic - refer to previous description	17
C56819	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)	167	4.60	5.40	0.80		1C	CHL, CB	PY	Amygdaloidal Mafic Flow, green and greyish green colour, mafic composition with moderate CHL-CB, possibly amygdaloidal with 20-30% rounded amygdules VFG <0.05cm, Strongly sheared, <1% QCS, <=1-3% VFG DISS PY with increased PY @ 4.6 m	32
C56820	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)					*STANDARD*				CDN-GS-4B	>3000
C56821	6-Jun-10	SR				Centurion (channel: CWL-CX-CEN-006)					*BLANK*				CDN-BL-6	<5
C56822	7-Jun-10	SR	447675.44	5536260.24	281.21	Centurion (channel: CWL-CX-CEN-007)	250	0.00	0.40	0.40		QTCSW /1A	SIL, CB	PY	Quartz Carbonate Stockwork, greyish green adn white colour, moderate to strongly SIL altered wallrock with CB, VFG to FG, 20% QCS/QS, <1% PY, non magnetic	292
C56823	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	244	0.40	0.90	0.50		QTCSW /1A	SIL	PY	Quartz Carbonate Stockwork, greyish green and white colour, moderate SIL altered mafic matrix, fractured with 25% QCS/QS with moderate shearing, <1% widely scattered PY cubes, non magnetic	<5
C56824	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	243	0.90	1.40	0.50		QTCSW /1A	SIL, CHL, CB	PY	Quartz Carbonate Stockwork, greyish green to green colour, mafic composition with weak SIL, moderate CHL-CB, sheared and fractured with 20% QCS, <1% PY, non magnetic	<5
C56825	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	242	1.40	1.90	0.50		1AB	CHL, CB	PY	Sheared and Fractured Mafic Flow, brownish green to green colour, mafic composition, with moderate CHL and weak CB, local SIL with QS/QCS, VFG to FG, strongly sheared and fractured, 10-15% QS/QCS parallel to shear, <1% PY, non magnetic	6
C56826	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	242	1.90	2.45	0.55		QTCSW /1A	CHL, CB	PY	Quartz Carbonate Stockwork, greyish green colour, mafic composition with moderate CHL and weak CB, sheared and fractured, 15-20% QS/QCS generally parallel to shear but also as ptygmatically folded veins, <1% PY and non magnetic	<5
C56827	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	237	2.45	3.05	0.60		QV	CHL, CB	PY	Quartz Vein, milky white and locally green colour, quartz composition with numerous mafic inclusions, frequent CHL-CB discontinuous seams, weakly fractured vein, <1% PY	<5

C56828	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	234	3.05	3.35	0.30		1AB	CHL, CB, SIL	PY	Silicified Mafic Flow, green to greyish green colour, mafic composition with moderate to strong CHL and moderate CB, local SIL along shear, strongly sheared, <=5% QCS along shear, <% PY, non magnetic	<5
C56829	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	234	3.35	3.70	0.35		QTCSW	CHL, CB, SIL	PY	Quartz Carbonate Stockwork, green to greyish green and white colour, mafic composition with alternating CHL-CB and SIL shear, strongly sheared with 20-30% QCS/QS lenses/pods (5-7 cm wide), boudinaged QS/QCS, <1% PY, non magnetic	<5
C56830	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	234	3.70	4.35	0.65		1AB	SIL, CHL, CB	PY	Sheared Mafic Flow, green, greyish green and greenish white colour, altered mafic composition with SIL flooding or QCS SH with CHL-CB relict mafic, strongly sheared and 10-15% QCS along shear planes, <1% Py, non magnetic	<5
C56831	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	234	4.35	4.85	0.50		QTCSW	CHL, CB, SIL	PY	Quartz Carbonate Stockwork, green, brownish green, and white colour, altered mafic compostion with moderate CHL-CB and SIL along QCS, strongly sheared and 20-25% QCS along shear, <1% PY and non magnetic	7
C56832	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	234	4.85	5.25	0.40		QV			Quartz Vein, milky white, bull white quartz, no carbonate, non fractured vein, barren	8
C56833	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	220	5.25	5.75	0.50		QTCSW /1A	CB, SIL, CHL	PY	Weak Quartz Carbonate Stockwork, brownish greyish green and brownish white colours, altered mafic composition with CB>SIL alt SH, with relict CHL-CB LAM shears, strongly sheared, with 15-20% QCS/QS parallel to shear, <1% Py, non magnetic	<5
C56834	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	220	5.75	6.30	0.55		1I	CHL, CB	PY	Sheared Mafic Volcanoclastic, greyish white and green colour, mafic- (intermediate) composition with alternating CHL-(CB) and FD>Qtz shear LAM/bands, weak CB, strongly sheared, <=1-3% QS/QCS, <1% PY, non magnetic	<5
C56835	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	220	6.30	6.90	0.60		1I	CB, LCX	PY	Mafic Volcanoclastic, greyish green to green colour, mafic composition with moderate CB, possible white DISS Leucoxene (25%), sheared and <=2-3% QS/QCS, <=1% PY, non magnetic	15
C56836	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	220	6.90	7.40	0.50		4E	SER, SIL	PY	Argillite, dirty greyish brown colour, argilliceous with strong sericite with silicified bands (cherty like?), banded/sheared, 2-5% QS/QCS parallel to shear, <=5% VFG DISS PY, non magnetic	65
C56837	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	220	6.90	7.40	0.50	*DUPLICATE OF C56836*	4E	SER, SIL	PY	Argillite, duplicate of C56836, similar with previous description...	148
C56838	7-Jun-10	SR				Centurion (channel: CWL-CX-CEN-007)	220	7.40	7.90	0.50		4E	SER, CB, SIL	PY	Argillite, brownish grey to dirty brownish green colour, argilliceous with strong pervasive sericite with weak CB (calcite), local SIL with strong shear, strongly sheared, 1-3% QCS/QS, 5% VFG DISS> fracture filled PY	172
C56855	10-Jun-10	SR	447755.16	5536166.96	279.29	Centurion (channel: CWL-CX-CEN-008)	199	0.00	0.45	0.45		1I, 1B	CHL, CB	PY	Sheared Mafic Volcanoclastic, dark green to grey colour, mafic compositino with mod to strong CHL and Mod CB (calcite) alteration, VFG S sheared/locally banded, 5% QCS/CS parallel to shear, <1% scattered PY, non magnetic	15
C56856	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	208	0.45	1.15	0.70		1I	CHL, CB	PY	Mafic Volcanoclastic, green to dark green colour, mafic composition with mod to strong CHL with pervasive mod CB (calcite), strongly SH, <1% QCS, <1% PY, non magnetic	8
C56857	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)					*BLANK*				CDN-BL-6	<5
C56858	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	202	1.15	1.65	0.50		4B, 4G	SIL, CB	PY	05 MAT from C56856, Banded/Bedded Argillite-Mafic Volcanoclastic, grey and green colour, interbanded/bedded siliceous and mafic bands (upper interval), mod SIL and wk CB, <=1-3% QCS/CS, SH, <=1-3% DIS PY increasing to 1.65 m, non magnetic	369

C56859	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	195	1.65	2.00	0.35		4G, 1I	CHL, CB	PY	Mafic Volcanoclastic (interbedded), black weathered surface and greenish black fresh colour, strong pervasive CHL and weak CB (calcite), VFG, and strongly SH, <1% QCS, <1% PY	290
C56860	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	195	2.00	2.55	0.55		QTCSW, 4G	CHL, SIL, CB	PY	Quartz Carbonate Stockwork, greyish white, grey, and beige colour, strong SIL WR and local CHL and CB (calcite, ankerite) fractures, 25-30% QCS/QS, 2 generatinos of veining, 5-10% DISS and fracture filled PY, non magnetic	1640
C56861	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	211	2.55	3.40	0.85		4B, 4G		PY	Fractured/Bedded Argillite/Volcanoclastic, grey to locally greyish green colour, interbanded siliceous and mafic bands, 5% to locally 10% QCS/QS to 3.4 m; <=1-3% PY, non magnetic	46
C56862	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)					*STANDARD*				CDN-GS-6A	>3000
C56863	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	192	3.40	3.80	0.40	*located @ .95 @ 286 degrees from end of C56861*	QCV/4G	CHL, CB	PY	Quartz Carbonate Lense/Pod and Mafic Volcaniclastic, greyish white/white vein and blackish green WR, mafic composition with strong CHL (BIO?)> wk CB, SH, upper contact with 17 cm wide QCV Pod/boudin, 2-5% DISS PY near QCV and @ seams, non magnetic	86
C56864	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	192	3.80	4.30	0.50		QTCSW /4G	CHL, CB	PY	Quartz Carbonate Stockwork, blackish green grey and white colour, strong CHL (BIO?) along SH, non to wk CB (calcite), 30-35% QCS/QS parallel to SH and strongly SH, 5-10% coarser PY cubes (PORP) mainly in alt WR, <1% PY in QS/QCS, non magnetic	121
C56865	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	192	4.30	4.65	0.35		SH/4G	SIL, CHL, CB	PY	Silicified/Chloritic Sheared Volcaniclastic Epiclastic, striped greyish white and greenish black, strong SIL flood bands and CHL (BIO?) bands, wk CB, strongly SH, 5% QS/QCS parallel to shear, 5% DISS cubic PY, magnetic	158
C56866	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	197	4.65	5.15	0.50		4G/1I	CHL, CB	PY, MAG	Mafic Volcanoclastic, greyish green to green colour, mafic composition with mod CHL and CB along SH and fractures/jionts, strongly SH, <=5% QCS/CS, <1-5% DISS cubic PY decreasing to 5.15 m, weak to moderately magnetic, <1-3% magnetite	76
C56867	10-Jun-10	SR				Centurion (channel: CWL-CX-CEN-008)	205	5.15	5.85	0.70		4G/1I	CHL, CB	PY, MAG	Sheared Mafic Volcanoclastic, greyish green to green colour, mafic composition, mod CHL, and mod (strong) CB (calcite), strongly SH/laminated, <=2-3% QCS/CS parallel to shear, <1% to locally 5% PY with we to moderate magnetic, <1-3% magnetite	121
C56868	28-Jun-10	MP+SR	447714.18	5536063.374	279.491	Centurion (channel: CWL-CX-LEO-001)	176	0.00	0.50	0.50		1B	CHL, CB	PY, MAG	Massive Mafic Flow, green in colour, mafic composition with weak locally moderate CB (calcite), weakly CHL, massive texture, <1% QCS, <1% PY, moderately magnetic, 1-2% VFG magnetite	23
C56869	28-Jun-10	MP+SR				Centurion (channel: CWL-CX-LEO-001)	176	0.50	1.00	0.50		1B	CB, CHL	PY, MAG	Massive Mafic Flow, green in colour, mafic composition, moderate pervasive carbonate (calcite), weakly CHL, massive texture, 1-3% QCS/CS (random), <1% PY, weakly to moderately magnetic, <1% to 1% magnetite	21
C56870	28-Jun-10	MP+SR				Centurion (channel: CWL-CX-LEO-001)	176	1.00	1.60	0.60		1B	CB	PY	Masive Mafic Flow, green colour, mafic composition, moderate carb alteration (calcite), increase in strong calcite alteration to the lower shear contact, massive texture with increase in shearing toward lower contact, 5% QCV with PY, <=1% PY associated with stringers, weakly to mod magnetic, decrease toward lower contact to none	13

C56871	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	176	1.60	2.10	0.50		SH/QTCSW	CHL, CB, SIL	MAG, PY	Shear (mafic flow)/weak quartz carbonate stockwork, dark green-grey colour, altered mafic composition, moderate SIL alt, with weak CHL-CB alteration, stronly SH, 5-10% QCS parallel to shearing, 2-4% VFG-FG PY, variable weak to moderate magnetics, <1-2% magnetite	36
C56872	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	172	2.10	2.60	0.50		QTCSW	SIL, CHL, CB	PY, MAG	Quartz Carbonate Stockwork, dark green to greyish white colour, moderate SIL, weak CHL (shear controlled), strongly sheared and fractured, 20% QCS, parallel to shearing, in areas where there is folding and flexuring of QCS there is weak CB alteration, 5-7% DISS PY, weak to mod magnetic (<1% magnetite)	111
C56873	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	167	2.60	3.10	0.50		QTCSW	SIL, CHL	PY	Quartz Carbonate Stock work, dark grey to greenish grey colour, mod to locally strong shear and fracture controlled SIL, weak CHL, weak to no CB, strongly SH and fractured, 20-25% QCS, buckled and folded, 5-8% VFG-FG PY, mod to strongly magnetic	696
C56874	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	170	3.10	3.55	0.45		QTCSW	SIL, CHL, CB	PY, MAG	Quartz Carbonate stockwork, dark grey to greenish grey colour, strong shear controlled SIL, weak CHL and CB, strongly SH, 15-20% QCS parallel to shearing, <=1-2% scattered, DISS PY, mod-strongly magnetic, 2-3% MAg	229
C56875	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	165	3.55	4.05	0.50		QTCSW	SIL, CHL	PY, MAG	Quartz Carbonate Stockwork, greyish white to greenish colour, strong pervasive sIL (silica flooding), weak relic CHL banding, strongly SH, 25-30% SIL flooding, QCS parallel to shear, <1%-locally 2% PY, moderate to strong magnetic, 2-4% MAG	126
C56876	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	165	4.05	4.55	0.50		SH 1A	CHL, CB	PY, MAG	Sheared mafic flow/volcaniclastic, dark green to greyish green colour, altered mafic comp, strong sh controlled CHL and CB, strong fracture controlled CB, strongly SH, possible relict banding?, 5-10% qCS parallel to SH, <1% -locally 2% PY, strongly magnetic, 3-5% magnetiet	76
C56877	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	165	4.55	5.00	0.50		SH 1A	CHL, CB, SIL	PY	Sheared Mafic Flow/Volcaniclastic, dark green to greyish white bands, altered mafic composition, moderate CHL, CB (calcite) along shear, locally strong SIL along SH, strongly SH, 10% QCS parallel to shear, <=1% PY, strongly magnetic	532
C56878	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	163	5.00	5.30	0.30		SH 1A	SIL, CHL, CB	PY	Sheared Silicifed Mafic Volcaniclastic, greyish white and green colour, altered mafic composition with strong pervasive sh controlled SIL, with relict CHL alteration @ lower Contact, weak to no CB, strongly SH, <1% QCS along shear, 5-15% PY along SH, weakly to not magnetic	2250
C56879	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	163	5.30	5.70	0.40		SH QTCSW	CHL, CB, SIL	PY	Sheared Mafic Flow/ Quartz carbonate stockwork, dark green greyish white bands, altered mafic with moderate CHL, weak to mod CB (calcite), weakly SIL along QCS, local SIL along fractures and shear, strongly SH , 15-20% QCS along shear, <=1-4% DISS PY, weakly magnetic, <<1% mag	1690
C56880	28-Jun-10	MP+SR	Centurion (channel: CWL-CX-LEO-001)	163	5.70	6.10	0.40		SH 1A	CHL, CB, SIL	PY, MAG	Sheared Mafic Flow/Volcaniclastic, dark green and dark grey colour, altered mafic composition, with alternating CHL and CB shear with strongly SIL shear, strongly sheared, 1-2% QCS parallel to shear, <=1% PY, mod-strong magnetic (2-4% magnetite)	186
C56918	11-Jul-10	SR	Centurion (channel: CWL-CX-LEO-001)	145	6.10	6.70	0.60	Start of this sample is located 0.35 m at 259 from bottom of C56880	QTCSW /5D	sil/chl/bi	py-mag	Quartz-Carbonate Stockwork (Lean Silicate Facies BIF) - grayish-white and grayish-black colors, strongly sh controlled sil flooding/qs???, wk to mod cb, strongly sh, 2% to 5% vfg to fg py with local py rimming magnetite	667

C56881	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)	176	6.70	7.35	0.65	Location - 1.0 m at 093 from bottom of C56918	6G	CB, SER, SIL	PY	Quartz Feldspar Porphyry lense (weak stock work), light pink-white colour, felsic composition, moderate to strong CB (calcite & dolo) in fractures, mod SER in fractures/and SH, mod SIL, str SH, 10% QS/QCS with some tourmaline, 5% DISS and fracture controlled FG-MG PY	532
C56882	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)	176	7.35	7.85	0.50		6G	SIL, CB, SER	Py	Quartz Feldspar Porphyry lense (weak quartz stockwork), light pinky grey white colour, felsic composition, strong SIL (silica flooded?), mod fracture cont. CB (calcite), wk SER along fracture, strongly SH, 10% QS up to 3 cm wide, 5-7% VFG-FG DISS and fracture controlled Py	1030
C56883	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)	169	7.85	8.30	0.45		SH 4G/1I, QTCSW	SIL, CB, CHL	PY	Mafic Volcaniclastic (wk Quartz Carbonate Stockwork), pink, light grey, dark green grey bands, strong SIL (silica flooded?), mod fracture controlled CB (calcite), mod CHL (locally) along Shear, 15% QS/QCS, 3-5% FG DISS and SH cont PY, moderately magnetic, strongly SH	1280
C56884	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)	169	8.30	8.50	0.20		QTCSW, 4G/1I	SIL, CHL, CB	PY	Quartz Carbonate Stockwork in Mafic Volcaniclastic, bleached grey, pinkish, and dark green grey bands, strong SIL (silica flooded?), mod CHL along SH, mod sh/fract cont. CB (calcite), strongly SH, 20% QS/QCS, 3-4% FG DIS PY, locally weakly magnetic	1250
C56885	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)					*STANDARD*				CDN-GS-6A	>3000
C56886	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)					*BLANK*				CDN-BL-6	<5
C56887	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)	164	8.50	8.95	0.45		4G/1I, QTSW	SIL, CHL, CB, HEM, SER	PY	(Silica Flooded?) Mafic Volcaniclastic, wk Qtz Stockwork, green, light white grey, pinkish bands, str SIL (silica flooded?), mod-str CHL along SH, str CB (calcite) along SH in mafics, mod hematite (pink and yellowish) throughout, wk SER in qtz, 15% QS/QCS, strongly SH, 1-2% DISS and SH controlled FG PY, mod magnetic	1060
C56888	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)	164	8.95	9.45	0.50		4G/1I, QTSW	SIL, CHL, hematite, CB	PY, MAG	(Silica Flooded?) Mafic Volcaniclastic, wk Stock work, green, white, pinkish grey bands, strong SIL (silica flooded?), strong CHL along SH, wk hematite throughout, stong perv CB, strongly SH, 15% QCS/QS, 1-2% VFG-FG DISS and SH cont PY, mod magnetic	1970
C56889	30-Jun-10	SF				Centurion (channel: CWL-CX-LEO-001)	157	9.45	10.20	0.75		7C/10A	CB, CHL, SIL	PY	Melanocratic Gabbro/Porphyritic Lamprophyre?, dark grey colour, mafic/ultramafic? Composition, porphyritic, biotite (and hornblende too) phenocrysts, phenocrysts about 5-10% of composition and are 1-5 mm in size within a FG groundmass, mod alteration of some phenocrysts to CHL, wk SIL? @ start of interval, strong pervasive CB (calcite), weakly magnetic, <=1% FG DISS PY	38
C56890	30-Jun-10	SF	447710.78	5536052.684	281.5902	Centurion (channel: CWL-CX-LEO-001A)	183	0.00	0.75	0.75		7C/10A	CB, CHL	PY	Melanocratic Gabbro/Porphyritic Lamprophyre?, dark grey-blackish colour, mafic/ultramafic? Composition, strong pervasive CB (calcite), strong CHL alteration of some phenocrysts (I think hornblende ones?), phenocrysts are 1-5 mm in size, Porphyritic texture with ~ 10% biotite, and 10% hornblende? (the CHL altered ones) in FG groundmass, maybe weak SIL @ beginning of interval, wk-mod magnetic, but variabel, wk SH, <=1% VFG DISS PY	15

C56891	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	183	0.75	1.40	0.65		7C/10A	CB, CHL, hematite	PY, MAG	Melanocratic Gabbro/Porphyritic Lamprophyre?, dark grey-blackish colour, mafic/ultramafic? Composition, strong pervasive CB (calcite), mod-strong CHL as alteration of phenocrysts but looks a bit more semi pervasive here too, interval graduates into strong hematite altered @ end of interval for 10 cm, then abruptly stops and turns into SH qtz/carbonate augens for 2 cm then back into black 7C/10A for 5 cm which then leads into a QV, 20% biotite phenocrysts +hornblende, strongly magnetic, 1-2% VFG-FG DISS PY	29
C56892	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	179	1.40	1.90	0.50		QV	hematite, CB		Milky White Quartz Vein, very strong CB (calcite) locally in middle of interval, hematite along some fractures (red), wk-mod fractures in middle of interval, strongly but finely fractured calcite 'inclusion' (beige colour) about 8 cm wide within quartz, no visible sulfides	<5
C56893	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	179	1.90	2.55	0.65		7C/10A	CB, hematite, CHL, SIL	PY	Melanocratic Gabbro/Porphyritic Gabbro?, dark grey greenish black colour, pinky red from 1.9-2 m, (strong hematite from 1.9-2 m), strong pervasive CB (calcite), strong CHL in phenocrysts (of hornblende?) and semi pervasive, 25% BIO phenocrysts from 0.05-4 mm in size, + some hornblende phenocrysts, wk SIL? @ start of interval with hematite, weakly SH, in hematite @ QV contact there is beige calcite inclusions, moderately magnetic but variable, <1% FG DISS PY	118
C56894	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	179	2.55	3.00	0.45		7C/10A	CB, CHL	PY	Melanocratic Gabbro/Porphyritic Lamprophyre?, dark greenish grey colour, strong pervasive CB (calcite), strong semi pervasive CHL also in phenocrysts, 25% BIO phenocrysts .05-3 mm in size, tiny CB filled fractures, first 8 cm of interval QTCSW, mod magnetic, <1% VFG DISS PY	18
C56895	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	177	3.00	3.75	0.75		7C/10A	CB, CHL, hematite	PY	Melanocratic Gabbro/Porphyritic Lamprophyre?, dark green grey colour, mafic/ultramafic? Composition, strong pervasive CB (calcite), strong semi pervasive (and in phenocrysts and fractures) CHL, hematite around small QS (possible K spar though?), 25% BIO phenocrysts, BIO>hornblende, phenocrysts .05-3 mm insize, wk fractured filled with CB, CHL, and PY, 2% FG DISS and fracture controlled OY, moderately magnetic	25
C56896	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	174	3.75	4.35	0.60		7C/10A	CB, CHL	PY	Melanocratic Gabbro/Porphyritic Lamprophyre?, greenish grey colour, strong perv CB, mod CHL in hornblende phenocrysts and wk semi pervasive, very weak SH, moderatly magnetic, <1% VFG DISS PY, 25% BIO phenocrysts>hornblends, fine CB filled fractures	7
C56897	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	173	4.35	4.95	0.60		1I/1B, QTCSW	SIL, CHL, CB	PY	(Silica Flooded?) Mafic Volcaniclastic/Flow, wk Quartz Carbonate Stockwork, bleached white and green bands, strong SIL (silica flooded?), strong CHL along SH, strong pervasive CB (calcite), 15% QCV, 2% FG-MG DISS and SH controlled PY, strong SH, locally weakly magnetic	443
C56898	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	166	4.95	5.45	0.50		1B/1I	CB, SIL, CHL	PY, MAG	Mafic Flow/Volcaniclastic (some primary bedding visible?), dark grey and white bands, strong SH cont CB (calcite), str SIL, wk CHL along SH, strongly SH, 3% QCS, moderately magnetic, 1% FG DISS PY	126
C56899	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	166	4.95	5.45	0.50	*DUPLICATE*	1B/1I	CB, SIL, CHL	PY, MAG	DUPLICATE of C56898 Mafic Flow/Volcaniclastic	130

C56900	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	164	5.45	6.25	0.80		1B/1I, QTCSW	CB, SIL, CHL, SER, hematite	PY, CPY, MAG	Mafic Flow/Volcaniclastic?, Weak Qtz Carbonate Stockwork, dark grey/white bands, strong CB (calcite) along shear, strong SIL, wk CHL along SH, strong SH, strongly magnetic, wk SER in qtz, hematite along fractures, 1-2% PY and tr CPY along fractures and DISS VFG, strongly magnetic, minor folding of QCS, 10-15% QCS not always parallel to shear	184
C56901	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	158	6.25	6.70	0.45	*65 cm @ 062 degrees from end of C56900*	1B/1I	CB, CHL, SIL	PY, MAG	(Silica Flooded?) Mafic Flow/Volcaniclastic?, dark grey/white bands, strong CB (calcite) along SH, wk CHL along SH, strong SIL (silica flooded?), strong SH, minor folding and buckling, 8% QCS, 2-3% FG DISS and fracture controlled PY, strongly magnetic	185
C56902	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)					*STANDARD*				CDN-GS-6A	>3000
C56903	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)					*BLANK*				CDN-BL-6	<5
C56904	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	170	6.70	7.20	0.50	*.8 m @ 259 degrees from end of C56901*	4G/1I	SER, CB, hematite, CHL	PY, MAG	Mafic Volcaniclastic (some primary bedding?), bleached white/grey bands, also pinkish, wk SER in QS, strong CB (calcite) along SH, mod-strong hematite along SH (pink), wk CHL with SH, strongly SH, moderately magnetic, 5% QS/QCS, minor folding, 1% FG DISS PY	92
C56905	30-Jun-10	SF	Centurion (channel: CWL-CX-LEO-001A)	170	7.20	7.60	0.40		4G/1I, QTCSW	CB, SIL, CHL, hematite, SER	PY, MAG	Mafic Volcaniclastic (weak Quartz Carbonate Stockwork), bleached white and dark grey and pink hues, strong SH controlled CB (calcite), strong SIK (silica flooded?), wk (locally MOD) CHL along SH, mod hematite along SH, mod SER in qtz, 15% QCS/QS, strong magnetic, minor folding, 1-2% FG DISS PY	258
C56906	1-Jul-10	SF	Centurion (channel: CWL-CX-LEO-001A)	162	7.60	8.10	0.50		SH 1I/4G	CB, CHL, hematite, SIL, SER	PY, MAG	Sheared Mafic Volcaniclastic (primary bedding evidence), bleached white/pinkish/green grey bands, mod SH controlled CB (calcite), strong SH controlled CHL, mod hematite, mod sIL, strongly SH, moderate to strongly magnetic, 10% QCS/QS, <=1% FG DISS and SH controlled PY which occurs in more CHL altered areas, wk SER alteration also	83
C56907	1-Jul-10	SF	Centurion (channel: CWL-CX-LEO-001A)	169	8.10	8.40	0.30		SH QTCSW, 4G	SER, CB, SIL	PY, CPY, MAG	Sheared Quartz Carbonate Stockwork in Mafic Volcaniclastic (interbedded seds), bleached white and orange/grey bands, ribbony texture, mod ER alteration with SH, strong perv CB (calcite), strong perv SIL, strongly SH, 25% QCS/QS, mod-strongly magnetic, 1-2% FG DISS PY/tr CPY	359
C56908	1-Jul-10	SF	Centurion (channel: CWL-CX-LEO-001A)	169	8.40	8.80	0.40		SG 4G/1I, QTCSW, 5D?	CHL, CB, hematite, SIL	PY, MAG	Sheared Mafic Volcaniclastic (with interbed seds, maybe BIF?), Weak Qtz Carb Stockwork, grey whitish and pinkish ribbony bands, local strong CHL along SH, strong CB (calcite) SH cont., moderate hematite, mod-strong SIL, strongly SH, 10% QCS/QS parallel to shear, moderately magnetic, overall 1% but locally 5% DISS and SH cont FG-MG PY associated with CHL seam	301
C56909	1-Jul-10	SF	Centurion (channel: CWL-CX-LEO-001A)	169	8.80	9.10	0.30		SH QTCSW, 4G/5D?	CB, CHL, SIL, SER, hematite	PY, MAG	Sheared Quartz Carbonate Stockwork in Mafic Volcaniclastic (primary sed beds... Maybe BIF?), bleached white and grey and orangish ribbony bands, moderate pervasive CB (calcite), wk CHL along ribbony bands, strong SIL, mod SER, strongly SH, 20% QCS/QS, moderately magnetic, 4% DISS FG-MG PY, minor folding, also some hematite alteration along SH	292

C56910	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	169	9.10	9.65	0.55	*small detour within this channel*	SH 4G/1I, QTCSW, 5D?	CB, SIL, hematite, SER, CHL	PY, MAG	Sheared Mafic Volcaniclastic (some primary bedding, maybe BIF?)/Weak Quartz Carbonate Stockwork, mod perv CB, str SIL, wk hematite (locally mod) along shear, wk SER, strongly SH, moderately magnetic, 5-10% QCS, mod CHL along SH, 4% FG DISS PY, bleached white and grey and pinkish ribbony bands	554
C56911	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	169	9.65	9.95	0.30		4G/5D, QTCSW	CB, SIL, CHL, hematite, SER	PY, MAG	Sheared Volcaniclastic (with interbed. Seds)/BIF?, (weak Qtz Carbonate Stockwork), bleached white, dark grey and orangish pink ribbony bands, wk-mod CB, wk SIL, wk CHL along SH, wk shear controlled hematite, wk-mod SER, 5% QCS, moderately magnetic, strongly SH, 4% DISS FG PY	1150
C56912	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	169	9.95	10.30	0.35		5D/4G?	CB, hematite	PY, MAG	Banded Iron Formation, dark grey/black and whitish orange bands, thicker bands (up to 2 cm), wk CB, wk hematite along SH, calcite/dolomite (beige) crystals in qtz stringers, folded and buckled, strongly-intensely sheared, 2-3% QCS/QS, 5-6% FG-MG DISS PY and SH contr., strongly magnetic but decreases abruptly @ end of interval	778
C56913	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	168	10.30	10.75	0.45		SH 1A	SIL, CB		Sheared Mafic Volcanic Flow, white and dark grey fine ribbons, very fine and wavy dark grey ribbons giving almost BX appearance, mod SIL, mod CB along SH, calcite crystals in qtz stringers, strongly SH, non magnetic, minor folding/buckling, no visible sulfides, 2% QCS	7
C56914	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	174	10.75	11.30	0.55		9G	CB, SIL, SER	PY	Felsite Lense, whitish pink colour, felsic composition, mod CB (calcite), mod SIL, wk fracture controlled SER, wk SH, wk but erratically fractured, non magnetic, 3% FG-CG DISS PY	1270
C56915	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	174	11.30	11.60	0.30		1A/B	CHL, CB, SIL	PY	Mafic Volcanic Flow (Gradational contact between 9G and 1B), pink stringers from felsite dike but mostly green colour, strong CHL alt., str CB (calcite), wk - mod SIL?, moderately SH, mod-strongly magnetic, 3-4% FG DIS PY	45
C56916	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	176	11.60	12.30	0.70		SH 1A	CHL, CB, hematite, SER		Sheared Mafic Volcanic/Flow, bleached pink and green colours, strong CHL, strong perv CB (calcite), mod local hematite @ beginning of interval, strong fine erratic fractures (sort of giving BX texture), wk fracturing throughout, strongly SH, 5% QCS for first 20 cm, wk frac cont. SER, folded and buckled, non magnetic, crumbly material @ end of interval	850
C56917	1-Jul-10	SF				Centurion (channel: CWL-CX-LEO-001A)	183	12.30	13.10	0.80		1B	CHL, CB	PY	Mafic Flow, green and white colour, strong pervasive and SH cont CHL, strong perv SH cont CB (calcite), moderate SH, 2-3% QCS, mod-strongly magnetic, 5% FG DIS and SH controlled PY, fairly crumbly material across interval	128
C60401	30-Aug-10	SR	447699.13	5536059.76	318.766	Leopard - CWL-CX-LEO-002	154	0.00	0.55	0.55		1B			Massive Mafic Flow - green color, mafic composition being moderately chl and wk-(mod) cb (calcite), vfg and wk to mod sh, up to 5% cb 'flooding' along shears, < 1% scattered py cubes, moderately magnetic with 2% to 3% mag	22
C60402	30-Aug-10	SR				Leopard - CWL-CX-LEO-002	154	0.55	1.05	0.50		1B	cb	py	Massive Mafic Flow - grren color, mafic composition with increased chl with strong cb (calcite) along shear planes (5% to 10%), increased mod to strong sh towards LC, ≤ 1% scattered py cubes and moderately magnetic with 2% to 3% disseminated magnetite	29

C60403	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	154	1.05	1.55	0.50	SH/1B	chl-cb	py	Sheared Massive Mafic Flow - dark green/black color, strongly altered mafic composition with strong chl-(bio) and cb, strongly sheared with calcite cb 'flooding' along shears (5% to 10%), ≤ 1% to 2% qcs parallel to shears, 1% to 2% scattered py cubes, moderately magnetic with 2% to 3% mag	69
C60404	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	150	1.55	2.45	0.90	1B	chl-cb		Massive Mafic Flow - green color, mafic composition with mod chl and cb (calcite) along sh planes, up to 5% calcite cb 'flooding', mod sh, < 1% qcs, occassional to widely scattered py < 1% and wk to mod magnetic with ≤ 1% to 2% magnetite	28
C60405	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	160	2.45	3.25	0.80	SH/1B	chl-bio-cb	py	Sheared Massive Mafic Flow - green to greenish-black and white color, strongly altered mafic composition with strong sh controlled chl-bio-cb...10% to 20% calcite cb 'flooding' along shear planes, < 1% to 5% qcs parallel to sh, 2% to 3% py as vfg to fg cubes, weakly magnetic with <1% to 2% magnetite	58
C60406	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	159	3.25	3.65	0.40	1B/SH	chl-cb-bio	py	Massive and Sheared Mafic Flow - green color, mafic composition with massive flow being 0.15 meters wide, strongly sh, chl-cb-(bio) altered section for the lower 0.25 meter section, increased ca cb in shears, mod to strongly sheared, up to 1% qcs and 5% ca cb 'flooding', 5% disseminated py occurring in sh bands, weak to non-magnetic with ≤ 1% magnetite	473
C60407	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	159	3.65	4.15	0.50	SH/1B	ser-chl-cb	py	Sheared Massive Mafic Flow - gray and green color, strongly altered mafic composition with alternating pervasive and shear-controlled ser-chl, mod cb along sh planes, up to 2% to 3% qcs/cs along sh, ≤ 1% to 5% disseminated py along sh with increased py associated with ser, non-magnets being < 1% magnetite	308
C60408	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	159	4.15	4.65	0.50	SH/1B	ser-chl-cb	py	Sheared Masive Mafic Flow - gray color, strongly altered mafic composition with strong pervasive ser.chl with ca cb along shears (5%), < 1% qcs, 5% to 15% vfg to fg disseminated py, < 1% magnetite being non-magnetic	169
C60409	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	154	4.65	5.40	0.75	SH/1B	chl-bio-cb	py	Chlorite-Biotite Sheared Massive Mafic Flows - dark green and black colors, strongly altered chl-bio with moderate ca cb, strongly sheared, 5% to 10% qcs/cs 'flooding' along shears, 3% to 5% disseminated py; non-magnetic with < 1% mag	205
C60410	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	150	5.40	5.90	0.50	SH/1B	sil-ser-chl	py	Silicified-Chlorite-Sericite Altered Mafic Massive Flow - gray and green color, strongly altered mafic composition with strong sh-controlled sil-(ser_ and chl alteration about sil-(ser) wr, strongly sh giving a laminated texture, ≤ 1% to 3% qcs/qs parallel to sh, ≤ 1% to 5% disseminated py along shears with increased py associated with increase in sil(ser), < 1% mag	652
C60411	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	150	5.90	6.25	0.35	SH/1B	sil-ser	py	Sheared and Silicified-Sericitic Massive Mafic Flow - gray to grayish-white color, strongly altered mafic composition with strong sil-controlled sil with ser, ≤ 1% to 2% qs parallel to sh, 5% to 10% disseminated pyrite along shears, < 1% mag being non-magnetic	6560
C60412	30-Aug-10	SR	Leopard - CWL-CX-LEO-002	147	6.25	6.85	0.60	SH/1B	sil-ser	py	Sheared and Silicified-Sericitic Massive Mafic Flow - gray color, strongly altered mafic composition with strong sil-controlled sil-ser, local chl, strongly sheared, 5% qs/qcs parallel to sh, 5% to 10% disseminated pyrite, < 1% mag being non-magnetic	2410

C60413	30-Aug-10	SR				Leopard - CWL-CX-LEO-002	148	6.85	7.45	0.60		6F			Feldspar Porphyry - pink color, felsic composition with a vfg qtz-fd (kspar?) matrix about 25% to 35% white albite phocrysts ≤ 0.25 cm in size, porphyritic texture, < 1% qs, < 1% py and non-magnetic with < 1% mag	97
C60414	30-Aug-10	SR				Leopard - CWL-CX-LEO-002	151	7.45	7.95	0.50		SH/1B	sil-ser	py	Shear & Silicified-(Sericitic) Massive Mafic Flow - dirty gray color, strong pervasive sil-(ser) altered mafic composition, mod to strong sh, ≤ 1% to 2% qs, 15% to 25% vfg disseminated py, non-magnetic with < 1% mag	2580
C60415	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	151	7.95	8.50	0.55		SH/1B	sil-ser	py	Sheared and Silicified-(Sericitic) Massive Mafic Flow - dark gray to gray color, strongpervasive sil-(ser) and moderately to strongly sheared with wk cb along sh, < 1% to 2% qcs/cs along shears, 15% to 20% vfg to fg py with < 1% magnetite...non-magnetic	3190
C60416	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	152	8.50	8.85	0.35		SH/1B	sil-ser	py	Sheared & Silicified-Sericitic Massive Mafic Flow - dark gray to gray color, strong pervasive sil with increased moderate to strong ser of altered mafics, strongly sheared, 5% qs/qcs parrallel to shears, 10% to 20% vfg to fg pyrite, < 1% magnetite being non-magnetic	2470
C60417	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	152	8.85	9.25	0.40		SH/1B	chl-ser-cb-bio	py	Sheared & Chlorite-Sericite-CarbonateMassive Mafic Flow - greenish gray to gray color, altered mafic composition with mod to strong sh-controlled chl-(bio) with ser-cb and local sil, strongly sheared, < 1% qcs, ≤ 1% to 3% scattered py with decrease in py to 9.25, non-magnetic with < 1% mag	614
C60418	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	155	9.25	9.75	0.50		SH/1B	ser-cb-sil	py	Sheared & Sericite-Carbonate-Chlorite Altered Massive Mafic Flow - dark gray to gray color, strong pervasive ser-(sil) with moderate cb and weak relict chl, strongly sheared, < 1% qcs/qs, 2% to 4% vfg to fg py, non-magnetic with < 1% magnetite	1530
C60419	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	155	9.75	10.25	0.50		SH/1B	sil-ser-chl-bio	py	Sheared & Silicified-(Sericite-Chlorite) Altered Massive Mafic Flow - gray to grayish-white and light greenish-gray color, strong pervasive sil-(ser) grading into relict chl-(bio) along sh planes...altered mafic, no cb, strongly sheared, 5% qs/qcs parallel to sh, 5% to 10% disseminated py, < 1% magnetite being non-magnetic	1230
C60420	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	163	10.25	11.10	0.85		SH/1B	chl-cb-bio	py-cpy	Sheared and Chloritic Massive Mafic Flow - dark green to greenish-black color, strong pervasive chl-(bio) alteration of mafic composition with weak to moderate ca cb along shear planes and fractures, strongly sh, 5% to 7% qcs/qs parallel to sh increasing to 11.1, ≤ 1% to 5% py and < 1% cpy along fracture/joint with increase in py to 11.10, <1% magnetite	1120
C60421	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	169	11.10	11.50	0.40		6F			Feldspar Porphyry - pinkish-gray color, felsic composition with 20% albite phenocrysts ina vfg qtz-fd matrix, phenocrysts are up to 0.30 cm in size, up to 5% strong ser wr inclusions, < 1% py & mag	155
C60422	31-Aug-10	SR				Leopard - CWL-CX-LEO-002	169	11.10	11.50	0.40	Duplicate	6F			Duplicate of C60421	134
C60423	31-Aug-10	SR				Leopard - CWL-CX-LEO-002					Standard				Standard - GS-6A	>3000
C60424	1-Sep-10	SR	447675.62	5536049.681	318.269	Leopard - CWL-CX-LEO-003	150	0.00	0.50	0.50		1B	chl-cb	py	Massive Mafic Flow - green color, mafic composition with mod to strong chl and cb, 5% to 10% ca-cb 'flooding' along shears, mod sheared, xcut by 5 cm wide chl-cb shear, ≤ 1% scattered py cubes, wk mag with < 1% magnetite	21

C60425	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	149	0.50	0.80	0.30	1B	cb		Massive Mafic Flow - green color, mafic composition with mod chl and mod to strong ca-cb, weakly sh, <1% qcs/qs, <1% py and non-magnetic with < 1% magnetite	19
C60426	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	149	0.80	1.35	0.55	1B/SH	cb		Sheared Massive Mafic Flow - green color, mafic composition with moderate chl and strong ca-cb along shears, 5% ca-cb 'flooding', mod to strong sh, < 1% to 2% qcs, < 1% py with gradational increase in mag at lower contact.	64
C60427	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	149	1.35	2.10	0.75	SH/1B	chl-bio-cb	py	Chlorite-Biotite-(Carbonate) Shear - black to greenish-black color, strongly altered mafic composition to chl-bio with mod to strong cb as 'flooding' and as cs/qcs parallel to shears (10% to 15%), occassional sil sh, strongly sh, up to 1% scattered py being mod to strongly magnetic with 2% to 5% magnetite	124
C60428	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	149	2.10	2.65	0.55	SH/1B	sil-chl-bio	py	Silicified/Fractured Chlorite-Biotite Shear - dark green to greenish black color, strong chl-bio altered mafic with superimposed sh controlled sil flooding with 5% to 15% qs/qcs parallel to sh, mod cb along sh, strongly sh, 5% to local 10% disseminated py with increased py with sil, wk magnetic with < 1% magnetite	1950
C60429	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	146	2.65	3.15	0.50	QTSW/ SH	sil-chl-bio	py	Weak Quartz Stockwork/Silicified Pyritic Shear - dark gray to greenish gray color, strong sh and fract control sil 'flooding' and 10% to 20% qs overprint relict chl-bio sh, wk cb, strongly sh, 10% to 15% disseminated py along sh, non-magnetic with < 1% magnetite	>3000
C60430	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	140	3.15	3.80	0.65	QTSW/ SH	sil-chl-bio	py	Weak Quartz Stockwork/Silicified Pyritic Shear - gray to dark grayish black color, strong pervasive sil of matrix with 15% qs overprint relict chl-bio sh, wk to (mod) cb, strongly sh with pseudo-bx texture, 10% to 15% disseminated and shear controlled py - minor py fractures, < 1% mag, strong chl-bio sh from 3.65 to 3.80	>3000
C60431	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	140	3.80	4.20	0.40	6F			Feldspar Porphyry - pinkish-gray color, felsic composition with 20% to 25% albite phenocrysts in a vfg qtz-fd matrix, phenocrysts are up to 0.30 cm in size, <1% qcs, < 1% py & mag	29
C60432	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	140	4.20	4.55	0.35	SH/1B	cb	py	Sheared Massive Mafic Flow - green toblackish-green color, mafic composition with mod chl and strong ca-cb 'flooding'/cs (5% to 10%) along sh, gradationasl chl-bio-cb at LC, strongly sh, up to 1% scattered py, mod magnetic with 2% to 3% magnetite, sheared UC and LC	58
C60433	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	140	4.55	5.05	0.50	SH/6F	chl-bio-cb		Chorite-Biotite Shear and Feldspar Porphyry - greenish blck, grayish white, and pinkish-white colors, strong chl-bio with cb along sh, up to 5% qcs/cs parallel to sh and strongly sh, < 1% py and mod to strong magnetic with 5% disseminated magnetite, 8 cm wide FP at LC	101
C60434	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	136	5.05	5.35	0.30	1B	cb	py	Massive Mafic Flow - green color, mafic composition with mod chl and strong ca-cb along sh, 5% cs.qcs along sh, mod sh, scattered 1% to 2% py, wk to non-magnetic with < 1% magnetite	43
C60435	1-Sep-10	SR	Leopard - CWL-CX-LEO-003	176	5.35	5.95	0.60	SH	chl-bio-cb	py	Chlorite-Biotite-Carbonate Shear - dark greenish black to green color, strongly altered mafic composition with strong chl-bio with 5% to 10% ca-cb along sh, locally sil along sh, strongly sh, up to 1% scattered py and strongly magnetic with 3% to 6% disseminated magnetite	48

C60436	1-Sep-10	SR				Leopard - CWL-CX-LEO-003	176	5.95	6.35	0.40	1B	chl-cb		Massive Mafic Flow - green color, mafic composition with mod chl-cb, ca-cb as discontinuous sh slips varying 10% to 20%, up to 1% qcs/cs, < 1% py. Strongly magnetic with 5% magnetite	24
C60437	1-Sep-10	SR				Leopard - CWL-CX-LEO-003	176	6.35	6.75	0.40	SH	chl-bio	py	Chlorite-Biotite Shear - dark greenish black color, strong pervasive chl-bio altered mafic composition with ca-cb along sh, strongly sh, up to 1% qcs/cs, scattered 1% to 2% vfg py, strongly magnetic with 5% disseminated magnetite	56
C60438	1-Sep-10	SR	447648.74	5536041.236	316.965	Leopard - CWL-CX-LEO-004	144	0.00	1.00	1.00	1B	chl	py	Massive Mafic Flow - green color, mafic composition with weak to mod chl, weak cb, sub-porp texture with 10% to 20% amp in a vfg chl-amp-(cb) matrix, wk to local sh with and near up to 5% qcs with epidote, < 1% y with local 1% py in fractures, wk to non-magnetic with up to 1% magnetite	13
C60439	1-Sep-10	SR				Leopard - CWL-CX-LEO-004	148	1.00	1.80	0.80	1B	chl	py	Massive Mafic Flow - green to dark green color, mafic composition being mod chl with weak to local mod ca-cb along shears, up to 1% to 5% cs/qcs along shears, weak to mod/strong sh at lower contact, scattered < 1% to 2% py cubes, strongly magnetic with 3% to 6% vfg disseminated magnetite	16
C60440	1-Sep-10	SR				Leopard - CWL-CX-LEO-004	148	1.80	2.25	0.45	SH/ib	chl-bio-cb	py	Chlorite-Biotite-Carbonate Shear - dark green to greenish-black color, strongly altered mafic composition with pervasive and sh-controlled strong chl-bio and cb along shears, 5% to 10% ca-cb 'flooding'/qcs-cs along sh, ≤ 1% scattered py cubes and mod to strongly magnetic with 2% to 4% magnetite	180
C60441	1-Sep-10	SR				Leopard - CWL-CX-LEO-004	148	2.25	2.85	0.60	SH/1B	chl-bio-cb		Chorite-Biotite-Carbonate Shear - green to dark greenish black color, altered mafic composition with mod to strong chl-bio with mod cb, ca-cb along shears, ≤ 5% cb 'flooding' and cs along sh, strongly sheared, < 1% py and mod magnetic with < 2% to 3% magnetite, upper 12 cm non to weakly sh mafic autochon/domain	19
C60442	1-Sep-10	SR				Leopard - CWL-CX-LEO-004	148	2.85	3.10	0.25	6F			Feldspar Porophyry - pinkish gray color, felsic composition with 20% to 25% fg to mg (<0.3 cm) white albite phenocrysts in a vfg qtz-fd matrix, porp texture, < 1% qs/qcs, < 1% py and non-magnetic with < 1% magnetite	<5
C60443	2-Sep-10	SR	447734.77	5536067.829	317.543	Leopard - CWL-CX-LEO-005	165	0.00	0.50	0.50	1B	chl	py	Massive Mafic Flow - green to dark green color, mafic composition with mod chl and wk to mod ca-cb, wk to mod sh with 5% cs/qcs, ≤ 1% to 3% scattered py, strongly magnetic with 2% to 5% vfg disseminated magnetite	62
C60444	2-Sep-10	SR				Leopard - CWL-CX-LEO-005	165	0.50	1.00	0.50	SH/1B	cb-lx-local sil	py	Sheared Massive Mafic Flow - green to dark green color, mafic composition with mod to locally strong cb and local sil, 5% disseminated beige lx, mod to stronger sh to LC, 5% cs/qcs parallel to sh, 2% to 3% disseminated py, strongly magnetic with 3% to 5% vfg disseminated magnetite	151
C60445	2-Sep-10	SR				Leopard - CWL-CX-LEO-005	165	1.00	1.35	0.35	SH/1B	sil	py	Sheared and Fractured Massive Mafic Flow - green to dark green color, increase in sil with wk-(mod) chl-cb, strongly sh and 55 to 10% qs/qcs/cs generally parallel to sh, 5% disseminated py in vn and wr, non-magnetic to magnetic with < 1% to 5% mag decreasing to 1.35	1230
C60446	2-Sep-10	SR				Leopard - CWL-CX-LEO-005	170	1.35	1.85	0.50	QTSW	sil	py	Quartz Stockwork - greenish-gray to dark gray color, strong pervasive and fracture control sil with relict very wk chl-cb, 20% to 25% qs and/or sil 'flooding', strongly sh, 10% to 15% disseminated py in banded form and as minor fractures, non-magnetic with < 1% magnetite	1740

C60447	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	170	1.85	2.45	0.60		QTSW	sil	py	Quartz Stockwork - gray and green color, upper 0.3 m strongly sil and lower chl-(wk cb) with local sil bands, strongly sh, 15% to 20% qs/qcs/cs as lens-like forms, 5% to 10% disseminated/fracture-fill py in sil grading into 5% in chl and lower half, non-magnetic with < 15 magnetite	2750
C60448	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	164	2.45	2.95	0.50		SH/1E	sil	py	Sheared and Silicified Mafic Pillow Flow - gray and relict green tinge, pervasive sil and sh…possible relict pillow bx, bx/fragmental appearance, ≤ 1% to local 2% to 3% disseminated py, non-magnetic with < 1% magnetite	575
C60449	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	163	2.95	3.45	0.50		SH/1E	sil-chl	py	Sheared and Silicified Mafic Pillow Flow - bleached gray color, strong pervasive sil with chl seams, wk to no cb, strongly sh, sh/bx/'fragmental' texture, < 1% to 3% qcs/qs, 2% to 3% vfg py generally assocaited with chl seams, non-magnetic with < 1% magnetite	1300
C60450	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	159	3.45	4.05	0.60		SH/1E	sil-chl-lx	py	Sheared and Silicified Mafic Pillow Flow - gray to dark gray colors, strong pervasive sil with chl seams, no to wk cb, ≤ 1% to 2% disseminated tan-colored lx, strongly sh, 5% to 10% qs/qcs, 1% to 3% vfg disseminated py, non-magnetic with < 1% magnetite	1260
C60451	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	148	4.05	4.35	0.30	Missing 10 cm due to ledge from 4.05 to 4.15	SH/1E	sil		Sheared and Silicified Mafic Pillow Flow - gray color, strong pervasive sil overprint on mafic, strongly sh with 5 cm white qs, < 1% py and magnetite	392
C60452	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	145	4.35	5.05	0.70		SH	chl-cb-sil	py	Chorite-Carbonate-Silicified Shear - green and dark gray color, strongly altered mafic composition with strong chl-(bio)-cb with mod to strongly sh, banded sil, strong shearing giving a bx texture…possible pillow bx with sil-cb pillows with chl interstices, 5% to 10% qs/qcs, 5% to 10% vfg disseminated py, weakly magnetic with up to 2% magnetite in chl areas	3190
C60453	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	152	5.05	5.25	0.20		SH/1E	sil-chl		Sheared and Silicified Mafic Pillow Breccia - gray to local green bands, strongly sheared controlled sil with chl bands; strongly sh banded, ≤ 1% to 2% qs, < 1% py being non-magnetic with < 1% magnetite	1230
C60454	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	158	5.25	5.55	0.30		SH/1E	sil-chl-bio	py	Sheared-Silicified-(Chlorite) Mafic Pillow Flow - dark gray and green color, strongly pervasive sil with strong chl-(bio-cb) bands/seams, strongly sheared, ≤ 5% qs/qcs, 5% to 10% vfg to fg disseminated py, non-magnetic with < 1% magnetite	1530
C60455	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	158	5.55	5.95	0.40		SH/1E	chl-cb	py	Sheared & Chlorite-Carbonate Altered Mafic Pillow Flow - green to greenish-black color, strong pervasive chl-(bio) and cb along sh of altered mafics, strongly sh, 5% to 10% ca-cb 'flooding'/cs along sh, ≤ 1% py and < 1% magnetite	36
C60456	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	161	5.95	6.50	0.55		SH/1E	chl	py	Sheared Mafic Pillow Flow - green color, mafic composition with mod chl and ca-cb in sh planes, strongly sheared, 5% to 10% cs/calcite cb 'flooding', < 1% occassional py, wk to moderately magnetic with < 1% to 2% vfg to fg scattered magnetite	22
C60457	2-Sep-10	SR	Leopard - CWL-CX-LEO-005	161	6.50	7.05	0.55		SH/1E	cb-chl		Sheared Mafic Pillow Flow - green color, mafic composition, mod chl with strong cb along sh, strongly sh, < 1% py, wk to mod magnetic with < 1% to 2% magnetite	14
C60458	2-Sep-10	SR	Leopard - CWL-CX-LEO-005					Standard				Standard - GS-3F	>3000
C60459	2-Sep-10	SR	Leopard - CWL-CX-LEO-005					Blank				Blank - BL-7	<5

C60460	2-Sep-10	SR				CWL-CX-LEO-005	161	6.50	7.05	0.55	SH/1E	cb-chl		Sheared Mafic Pillow Flow - green color, mafic composition, mod chl with strong cb along sh, strongly sh, < 1% py, wk to mod magnetic with < 1% to 2% magnetite	10
C60461	8-Sep-10	SR	447748.87	5536091.639	317.714	Leopard - CWL-CX-LEO-006	160	0.00	0.85	0.85	SH/1B	chl-(bio?)	py	Sheared and Chloritic Massive Mafic Flow - dark green to green color, altered mafic composition with strong pervasive chl-(bio?) with 5% to 10% ca-cb along shears, strongly sheared, ≤ 5% qcs/cs parallel to sh, local ≤ 1% py cubes, wk to non-magnetic with ≤ 1% magnetite	97
C60462	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	160	0.85	1.15	0.30	QTCSW	sil-chl	py	Quartz-Carbonate Stockwork - gray to bleached gray color, strong pervasive and fracture-controlled sil with relict chl seams, wk to no cb, 20% to 25% qcs along strong sh, 5% disseminated py cubes, non-magnetic with < 1% magnetite	>3000
C60463	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	158	1.15	1.65	0.50	1B	chl		Massive Mafic Flow - green to dark green color, mafic composition with mod chl and wk cb, wk to mod sh, 1% to 2% cs/qcs parallel to sh, <1% py, weak to non-magnetic with < 1% magnetite	51
C60464	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	161	1.65	2.25	0.60	1B/SH	chl	py	Massive Mafic Flow - green to dark green color, mafic composition with moderate chl and wk cb with increased sh to lower contact, 10% to 15% qcs/cs including 8 cm wide strongly fractured qcs…parallel to sh, ≤ 1% to 2% py with local 2% to 3% py in qcs, wk to non-magnetic, < 1% magnetite	248
C60465	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	161	2.25	2.80	0.55	1I/SH	sil-chl-(bio)	py	Sheared/Fractured Mafic Volcaniclastic - dark gray to greenish gray color, mod sil with relict chl-(cb) and strongly sh, lam/bedded texture?, 5% to 10% qs>qcs along sh planes, 1% to 2% scattered py cubes, wk to non-magnetic with < 1% magnetite	894
C60466	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	161	2.80	3.30	0.50	1E/SH	chl-cb		Sheared Mafic Pillow Flow - green to grayish-green color, mafic composition with moderate chl-cb, mod sheared with 5% qcs/cs parallel to sh, < 1% py and non-magnetic with < 1% magnetite	44
C60467	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	161	3.30	3.80	0.50	1E/SH	chl-cb		Sheared Mafic Pillow Flow - green color, mafic composition being mod chl and ca cb, ≤ 1% to 2% qcs/cs parallel to mod sh, < 1% py and non-magnetic with < 1% magnetite	145
C60468	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	160	3.80	4.25	0.45	SH/4B	sil-ser	py-po	Sheared and Silicified Sericitic Arenite - gray to bleached gray color, strong pervasive sil-ser and sheared, relict banding, ≤ 1% to 2% qcs/cs parallel to sh, 5% to local 10% vfg to fg sheared py>po, weakly magnetic	62
C60469	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	151	4.25	4.70	0.45	SH/4B	sil-ser	py-po	Sheared and Silicified Sericitic Arenite - bleached gray to tan gray color, strong pervasive sil-ser and sheared along beds/bands, relict banding, ≤ 1% to 2% qcs/cs parallel to sh, 5% to 15% vfg to mg py (5% py-po) along sheared bands, < 1% po, weakly magnetic	89
C60470	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	149	4.70	5.20	0.50	1E/SH	chl-cb		Sheared Mafic Pillow Flow - green to grayish-green color, mafic composition with moderate chl-cb and mod sheared, up to 5% qcs/cs parallel to sh, < 1% py and weak to non-magnetic…< 1% magnetite	18
C60471	8-Sep-10	SR				Leopard - CWL-CX-LEO-006	147	5.20	5.70	0.50	SH/1E	chl-cb	py	Sheared and Fractured Mafic Pillow - green to greenish-gray color, altered mafic composition with mod to (strong) chl with mod cb, mod to (strong) sh and increased 5% to 10% cs/qcs parallel to sh, < 1% to local 2% py cubes, weak to non-magnetic with < 1% magnetite	193

C60472	8-Sep-10	SR	Leopard - CWL-CX-LEO-006	147	5.70	6.40	0.70		SH/1E	chl-cb	py	Sheared & Fractured Mafic Pillow Flow - green to dark green color, mafic composition with mod chl-cb, moderate to (strong) sh, 5% to local 10% cs/qcs along sh, 1% to 2% py cubes, weak to non-magnetic with < 1% magnetite	39
C60473	8-Sep-10	SR	Leopard - CWL-CX-LEO-006	147	6.40	6.90	0.50		SH/1E	chl-cb	py	Sheared & Fractured Mafic Pillow Flow - green & grayish-green color, mafic composition with mod chl-cb, moderate to (strong) sh, 5% to 15% qcs/cs parallel to sh, < 1% to 2% widely scattered py cubes, weakly magnetic with local ≤ 1% to local 2% magnetite	93
C60474	8-Sep-10	SR	Leopard - CWL-CX-LEO-006	140	6.90	7.40	0.50		QTCSW	sil-chl-cb	py	Quartz-Carbonate Stockwork - green and grayish-white color, moderately fracture-controlled sil with relict chl-cb, strong sh/fractured, 20% to 30% qcv/qs, locally boudinaged, buckled, and folded vns, 2% to 3% vfg to fg py being mod magnetic with 2% to 3% magnetite	313
C60475	8-Sep-10	SR	Leopard - CWL-CX-LEO-006	140	7.40	8.05	0.65		SH/1E	chl-cbwith local sil	py	Sheared & Fractured Mafic Pillow Flow (Weak QTCSW) - grayish-green to green color, locally sil on a general chl-cb altered mafic composition, strongly sh, ≤ 5% to 20% qcs/cs boudins parallel to sh, buckled and folded vns, < 1% to 2% vfg py with increase in py associated with increased vn %, moderately to strongly magnetic with 2% to 4% magnetite	381
C60476	8-Sep-10	SR	Leopard - CWL-CX-LEO-006	140	8.05	8.75	0.70		SH/1I-5D	sil-chl-cb	py	Sheared Lean BIF/Mafic Volcaniclastic - green to grayish-white color, altered composition with increased sil to lower contact with chl-cb bands, banded/sh texture, 5% to 10% qcs/qs with increased qcs to lower contact, 2% to 4% vfg to fg py, strongly magnetic with 5% disseminated magnetite in chl bands	547
C60477	8-Sep-10	SR	Leopard - CWL-CX-LEO-006	140	8.75	9.40	0.65		QTCSW /5D	sil	py	Quartz-Carbonate Stockwork (Silicate Facies BIF) - gray to greenish gray color, moderate to strong sil with cherty bands and fracture-controlled sil flooding overprint of chl-cb mafic, sh/banded texture, 20% to 25% qs/qcs parallel to sh, 5% disseminated py and strongly magnetic with 5% magnetite mainly in chl bands	161
C60478	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-006					Standard				Standard - CDN-GS-3F	2990
C60479	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-006	139	9.40	9.90	0.50	Note - located 0.25 m at 225° from the end of C60477	SH/5D	sil-chl	py	Sheared Lean BIF (Mafic Volcaniclastic) - gray and dark green color, alternating strongly sheared/banded chl bands with cherty bands, strongly sheared, 5% to 10% qcs parallel to sh/bedding, ≤ 1% py, strongly magnetic with 5% to 10% magnetite in chl bands	157
C60480	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-006	139	9.90	10.40	0.50		SH/5D	sil-chl	py	Sheared Lean BIF (Mafic Volcaniclastic) - green and gray color, alternating strongly sheared/banded chl bands with cherty bands, strongly sheared/laminated texture, 5% to 10% qcs boudins, 5% vfg disseminated py, strongly magnetic with 5% to 10% magnetite in chl bands	96
C60481	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-006	135	10.40	10.70	0.30		SH/5D	sil-chl	py	Sheared Lean BIF (Mafic Volcaniclastic) - alternating gray and green color, strongly chl mafic bands alternating with sil cherty bands, strongly sh/banded texture with disrupted bands, 5% qcs parallel to sh bands, 2% to 5% disseminated py associated with cherty bands, strongly magnetic in both cherty/chl bands with 5% to 10% disseminated magnetite	366

C60482	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-006	135	10.70	11.20	0.50		SH/5D	sil-chl	py	Sheared Lean BIF (Mafic Volcaniclastic) - alternating gray and green bands, alternating strong sil cherty bands and chl mafic bands, strongly sh/banded texture, 3% to 5% disseminated py, strongly magnetic with 5% to 10% magnetite.	719
C60483	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-006	135	11.20	11.80	0.60		SH/5D	sil-chl	py	Sheared Lean BIF (Mafic Volcaniclastic) - alternating green and gray colors, strong chl mafic bands alternating with sil cherty bands, strongly sh/banded texture, < 5% qcs, 5% disseminated py along sh bands, strongly magnetic along upper contact area with gradual decrease in magnetite at lower sample interval, < 1% to 5% magnetite	1090
C60484	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-006	135	11.20	11.80	0.60	Duplicate	SH/5D	sil-chl	py	**Duplicate of C60483** - Sheared Lean BIF (Mafic Volcaniclastic) - alternating green and gray colors, strong chl mafic bands alternating with sil cherty bands, strongly sh/banded texture, < 5% qcs, 5% disseminated py along sh bands, strongly magnetic along upper contact area with gradual decrease in magnetite at lower sample interval, < 1% to 5% magnetite	1270
C60485	10-Sep-10	SR/MP	447767.18	5536095.346	316.213	Leopard - CWL-CX-LEO-007	156	0.00	0.50	0.50		SH/5D	sil-chl	py	Sheared Lean BIF (Mafic Volcnaiclastic) - green and gray color, strongly chl altered mafics and disrupted sil cherty bands, strongly sh with disrupted bands, somewhat bx appearance, local boudins of beds, possible folding?, 5% qcs, 1% to 3% scattered py associated sil fractures, strongly magnetic with 5% to 10% magnetite	218
C60486	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-007	156	0.50	1.00	0.50		QTSW/ 5D	sil and local chl	py	Quartz Stockwork (Lean BIF) - gray with local green color, strong pervasive fracture-controlled sil with wk cb, local chl seams, strongly sh with relict banding/laminations, 20% qcs parallel to sh, 1% to 3% py along sh, strongly magnetic with 5% magnetite.	581
C60487	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-007	156	1.00	1.50	0.50		SH/1I	chl	py	Sheared Mafic Volcaniclastic (Lean BIF) - dark green and grayish color, strong chl altered mafic composition with weak cb, localized disrupted siliceous bands, strongly sh, relict banding, 5% qcs parallel to sh, 2% to 3% widely scattered py, strongly magnetic	78
C60488	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-007	153	1.50	2.00	0.50		SH/1I	sil	py	Sheared Mafic Volcaniclastic - greenish-gray to green color, altered mafic composition with mod sil and wk to no cb, strongly sh with possible relict bedding, 10% qcs parallel to sh, local buckling and folding of qcs, < 1% py, < 1% magnetite	628
C60489	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-007	153	2.00	2.50	0.50		SH/1I	sil-chl-cb	py	Sheared Mafic Volcaniclastic - greenish-gray to green color, altered mafic composition with wk to mod sil and wk chl-cb, strongly sh with possible relict banding, 5% qcs parallel to sh, ≤ 1% py, < 1% magnetite	327
C60490	10-Sep-10	SR/MP				Leopard - CWL-CX-LEO-007	155	2.50	3.00	0.50		SH/1I			Sheared and Fractured Mafic Volcaniclastic - grayish-green to grayish-brown colors, altered mafic composition with moderate to intense sil flooding (cherty?) of bands, strongly sh with buckling, folding, and disrupted bands, 10% to 15% sil floods & qs (deformed), < 1% py, non-magnetic with < 1% mag.	410

C60491	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007	160	3.00	3.50	0.50		SH/1I	sil		Sheared and Silicified Mafic Volcaniclastic - alternating grayish-pink to green bands, altered mafic composition with mod to strong sil and wk cb with localized chl bands, strongly sh banded texture, < 5% qcs parallel to sh, 1% to 2%-3% py with increased sulphides associated with qcs, strongly magnetic with 5% to 10% magnetite at lower flt contact	70
C60492	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007	178	3.50	3.85	0.35		FLT/1I	sil	py	Fault/Mafic Volcaniclastic - grayish green color, mafic composition with mod sil and strongly sh, < 1% to 5% qcs and ≤ 1% py, 5% to 10% magnetite, upper contact 5 cm wide gouge with the remaining interval being broken and fractured.	64
C60493	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007	175	3.85	4.20	0.35		SH/1I	sil-cb	py	Sheared and Silicified Mafic Volcaniclastic - gray, grayish-pink, and dark green color, altered mafic composition withstrong sil bands with strong ca cb, strongly sh/banded texture, < 1% to 5% boundinaged qcs, 5% to locally 10% vfg disseminated py, strongly magnetic with 5% to 10% magnetite	1090
C60494	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007	175	4.20	4.70	0.50		9G/1I	sil-cb	py	Felsite and Silicified Mafic Volcaniclastic - pink and bleached grayish-white colors, strong sil-(kspar?) altered felsite with strong pervasive sil of mafics with cb (ank?), strongly sh, < 2% to 3% qcs, varibale vfg py from 5% to 40%, local < 1% to 2% magnetite to non-magnetic, digitating contact between 9G/1I	1290
C60495	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007	175	4.70	5.20	0.50		SH/1I	sil	py	Sheared and Silicified Mafic Volcaniclastics - alternating green and grayish color, upper part of interval is strongly sil altered mafic with the remaining interval strong chl on qtz-fd bands, banded/bedding with strongly disrupted bands, < 1% to 2% qcs, upper 0.25 m of interval 15% to 25% vfg disseminated py associated with sil with the remaining interval < 1% py, upper interval is non-magnetic with lower contact strongly magnetic	2580
C60496	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007	175	5.20	5.70	0.50		1B/SH	cb-chl	py	Sheared Massive Mafic Flow - green color, mafic composition with strong ca cb with mod chl altered mafic, mod sh, 5% cs/qcs parallel to sh, < 1% py, strongly magnetic with 5% to 10% vfg to fg disseminated magnetite	16
C60497	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007	175	5.70	6.15	0.45		1B/SH	cb-chl	py	Sheared Massive Mafic Flow - green color, mafic composition with strong ca cb and mod chl mafic composition, mod to strongly sh, 5% cb flooding along shears with calcite stringers, 5% to 15% cs, < 1% py and 2% to 3% magnetite and moderately magnetic	10
C60498	10-Sep-10	SR/MP	Leopard - CWL-CX-LEO-007					Blank				Blank - CDN-BL-7	<5

Au (g/t)	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
	<0.2	<0.5	124	1040	<1	113	<2	107	4.7	<2	<10	39	<0.5	<2	1.44	58	204	9.78	20	1	0.04	<10	4.25
	<0.2	<0.5	24	486	<1	43	3	52	1.92	<2	<10	180	<0.5	<2	1.92	15	89	2.81	10	<1	0.22	54	1.48
	<0.2	<0.5	115	933	<1	91	<2	99	3.97	<2	<10	84	<0.5	<2	3.53	46	142	8.31	10	<1	0.2	<10	3.84
	<0.2	<0.5	24	358	<1	26	5	47	1.87	<2	<10	301	<0.5	<2	1.94	11	36	2.34	<10	<1	0.33	44	1.12
	<0.2	<0.5	56	686	<1	54	<2	68	3.1	<2	<10	235	<0.5	<2	2.06	27	90	4.73	10	<1	0.3	29	2.56
	<0.2	<0.5	98	1070	<1	115	3	74	3.43	<2	<10	37	0.5	<2	1.51	47	192	6.06	10	<1	0.04	29	3.3
	<0.2	<0.5	51	1420	<1	278	<2	60	3.93	<2	<10	47	<0.5	<2	6.52	47	626	6.48	10	<1	0.04	35	5.63
	<0.2	<0.5	103	1130	<1	177	3	74	4.33	<2	<10	142	0.9	<2	3.89	48	310	8.06	10	<1	0.29	30	5.69
	<0.2	<0.5	118	991	<1	106	<2	82	4.03	3	<10	18	<0.5	<2	3.08	48	184	9.27	20	<1	<0.01	<10	4.2
	<0.2	<0.5	123	1110	<1	100	<2	78	4.18	<2	<10	26	<0.5	<2	4.02	48	176	8.91	10	<1	0.02	<10	3.87
	0.2	<0.5	90	751	<1	52	4	86	1.93	<2	<10	272	<0.5	<2	3.19	32	36	2.92	<10	<1	0.62	16	0.5
	<0.2	<0.5	110	1180	<1	104	<2	94	4.24	<2	<10	48	<0.5	<2	3.1	50	179	8.87	10	<1	0.04	<10	3.84

<0.2	<0.5	19	386	<1	17	12	57	1.28	<2	<10	419	0.6	<2	1.95	10	26	1.92	<10	<1	0.61	47	0.77
<0.2	<0.5	124	1140	<1	98	4	82	3.47	3	<10	60	<0.5	<2	4.54	47	160	8.63	10	<1	0.11	<10	3.52
5.5	<0.5	38	1090	<1	43	75	29	0.95	<2	<10	159	0.5	7	8.08	18	54	3.18	<10	<1	0.26	38	1.15
0.6	<0.5	29	1480	<1	146	15	65	2.24	<2	<10	206	0.7	<2	9.6	36	207	6.24	10	<1	0.56	14	4.07
<0.2	<0.5	103	1180	<1	86	3	71	2.72	2	<10	39	<0.5	<2	5.03	41	150	7.12	10	<1	0.03	<10	2.7
<0.2	<0.5	121	1230	<1	98	<2	88	3.54	<2	<10	27	<0.5	<2	4.32	47	176	8.27	10	<1	0.02	<10	3.04
<0.2	<0.5	99	1110	<1	62	4	138	2.68	3	<10	55	<0.5	<2	2.04	33	101	6.52	10	<1	0.07	17	1.99
<0.2	<0.5	115	1590	<1	100	3	105	3.34	<2	<10	46	<0.5	<2	2.96	50	176	8.48	10	<1	0.03	<10	2.59
0.2	<0.5	52	1100	<1	190	3	69	2.58	<2	<10	100	<0.5	<2	4.23	38	416	6.27	10	<1	0.14	30	4.38
<0.2	<0.5	74	1310	<1	347	7	55	3.53	<2	<10	1450	1.3	<2	6.35	46	601	6.55	10	<1	1.08	36	6.82
<0.2	<0.5	62	761	<1	149	11	66	2.66	<2	<10	760	1	<2	5.03	29	386	4.47	10	<1	0.83	73	4.02

	<0.2	<0.5	45	824	<1	130	7	62	2.54	<2	<10	257	0.6	<2	4.66	29	319	4.67	10	<1	0.34	66	3.83
	0.8	0.5	364	733	455	24	46	138	1.7	19	<10	184	<0.5	<2	1.35	10	47	3.54	<10	<1	0.23	12	0.67
	<0.2	<0.5	50	476	10	25	3	43	1.56	6	<10	158	<0.5	<2	1.1	9	36	3.1	<10	3	0.11	<10	0.67
	0.8	<0.5	24	744	6	41	47	42	1.07	<2	<10	174	<0.5	<2	3.37	17	101	2.98	<10	<1	0.62	13	1.68
	<0.2	<0.5	30	1170	<1	270	6	75	2.38	<2	<10	207	0.6	<2	6.97	39	437	5.51	10	<1	0.79	36	5.9
3.56	0.5	1	112	1020	37	38	11	247	1.28	5	<10	57	0.7	<2	1.96	26	32	4.83	<10	<1	0.66	20	0.95
6.84	0.8	0.8	94	1010	24	41	15	206	1.52	6	<10	66	0.6	<2	2.07	27	21	4.12	<10	<1	0.58	15	0.83
10.4	1.5	0.8	110	827	39	46	35	150	0.9	5	<10	33	0.6	2	2.25	35	50	6.2	<10	<1	0.47	19	0.93
	0.8	<0.5	25	985	6	15	44	47	0.6	3	<10	135	<0.5	<2	2.15	12	11	2.68	<10	<1	0.23	21	0.73
	0.5	<0.5	65	1360	9	18	28	79	0.76	<2	<10	178	<0.5	<2	2.67	21	22	4.59	<10	<1	0.35	21	0.77
	<0.2	<0.5	95	1960	<1	37	3	110	2.38	6	<10	234	<0.5	<2	3.62	46	26	7.52	<10	<1	0.58	<10	1.27
	0.4	0.6	52	999	<1	145	13	68	2.28	<2	<10	412	1.2	<2	6.32	29	341	4.69	10	<1	0.89	93	3.66
	0.4	0.7	72	1200	<1	240	6	85	2.85	<2	<10	1020	1.8	<2	6.37	36	468	6.16	10	<1	1.63	86	5.57

	<0.2	<0.5	53	1110	<1	342	8	111	3.02	<2	<10	508	2	<2	5.99	44	587	5.96	10	<1	2.31	39	6.51
3.84	1.3	1.1	79	1020	57	109	18	177	1.59	11	<10	60	0.9	<2	4.12	44	173	6.61	<10	<1	0.86	31	1.94
	0.9	1.1	151	957	29	44	8	163	1.27	6	<10	57	0.6	2	2.79	33	32	5.12	<10	<1	0.49	23	0.91
	1.1	2	211	633	111	78	43	262	1.25	17	<10	19	0.9	<2	1.62	65	63	8.82	<10	<1	0.72	12	0.9
4.17	0.9	1.3	87	698	76	44	34	162	0.64	9	<10	43	0.5	<2	2.9	33	38	4.74	<10	<1	0.37	13	0.77
7.9	1.3	1.7	178	680	40	58	18	336	1.13	48	<10	22	0.8	3	1.34	45	38	8.11	<10	<1	0.6	<10	0.72
7.44	0.8	0.6	78	1130	17	32	6	179	1.13	<2	<10	167	<0.5	<2	2.91	18	32	4.38	<10	<1	0.36	15	1.17
	1.6	0.8	737	645	59	93	36	118	1.25	9	<10	41	<0.5	<2	2.15	38	80	7.15	<10	<1	0.35	18	1.29
	0.8	<0.5	68	221	17	6	7	8	0.13	<2	<10	29	<0.5	<2	0.49	7	7	0.92	<10	<1	0.02	<10	0.05
	0.9	<0.5	19	567	65	9	6	22	0.37	<2	<10	80	<0.5	<2	0.75	4	14	1.25	<10	<1	0.08	18	0.13
	0.7	2.7	98	1420	13	181	21	488	2.16	12	<10	284	1	<2	5.86	40	300	6.71	10	3	1.65	38	4.46

0.7	2.2	196	909	10	117	62	365	1.53	49	<10	36	0.8	<2	2.54	58	164	8.48	<10	<1	1.14	11	2
0.3	<0.5	138	1090	2	120	10	144	2.78	<2	<10	136	1.4	<2	4.41	47	165	8.26	10	<1	2.04	<10	3.27
0.9	<0.5	98	1230	5	105	<2	130	2.91	<2	<10	440	1	<2	4.23	45	155	8.29	10	<1	1.29	10	3.12
0.7	<0.5	149	1230	<1	100	13	140	3.25	<2	<10	107	<0.5	<2	3.27	51	147	9.24	20	2	0.16	<10	2.99
0.8	0.6	139	1060	<1	98	3	123	3.21	<2	<10	127	0.6	<2	4.32	49	158	8.47	20	3	0.26	<10	3.07
0.3	0.6	56	1280	<1	220	12	79	2.17	<2	<10	457	1.8	<2	7.36	36	432	5.96	10	<1	1.43	74	5.33
0.5	<0.5	120	1010	<1	84	<2	126	3.41	<2	<10	132	0.8	<2	3.69	49	152	9.41	20	<1	0.25	<10	3.17
0.8	1.1	20	1330	3	155	8	82	1.86	<2	<10	292	0.7	<2	8.52	32	448	5.07	<10	<1	0.85	30	4.51
0.7	<0.5	36	842	16	118	34	63	1.34	<2	<10	455	0.8	<2	4.78	22	233	3.66	<10	<1	1.21	31	2.96
0.8	<0.5	31	1110	8	130	41	63	1.36	3	<10	223	0.8	<2	6.83	28	236	4.29	<10	<1	1.23	40	3.71

1.9	0.5	101	1010	1	240	85	74	1.77	<2	<10	292	1	<2	7.78	34	426	4.86	<10	<1	1.67	26	5.31
0.6	<0.5	54	1010	<1	210	7	57	2.02	<2	<10	393	1	<2	6.88	35	478	4.97	<10	<1	1.11	50	5.26
0.6	<0.5	134	1110	<1	99	<2	78	3.3	<2	<10	84	0.6	<2	5.25	46	179	7.85	10	3	0.15	<10	3.45
0.4	<0.5	134	1140	<1	104	<2	77	3.32	<2	<10	95	0.6	<2	5.37	47	185	7.88	10	3	0.18	12	3.43
0.7	<0.5	73	1230	<1	172	5	85	3.78	<2	<10	709	2.3	<2	6.26	38	309	6.93	10	2	1.94	68	4.84
0.3	<0.5	159	1170	<1	100	4	79	3.13	3	<10	110	<0.5	<2	4.27	49	177	8.28	10	<1	0.2	<10	3
0.3	0.7	260	1050	<1	118	4	75	3.4	<2	<10	327	1	<2	5.05	47	303	7.54	10	<1	0.86	38	3.77
0.4	0.6	140	1220	<1	107	<2	81	3.93	<2	<10	21	<0.5	<2	3.71	50	181	7.94	10	1	<0.01	<10	2.79
0.5	<0.5	130	1060	<1	86	<2	64	3.66	<2	<10	16	<0.5	<2	3.56	42	133	6.43	<10	<1	<0.01	<10	2.29
<0.2	<0.5	114	1200	<1	98	<2	82	3.89	<2	<10	46	<0.5	<2	4.07	44	154	8.98	10	3	0.06	<10	3.68

0.2	<0.5	118	1200	<1	91	<2	78	3.33	<2	<10	55	<0.5	<2	4.57	45	161	8.32	10	1	0.1	<10	3.42
0.2	0.8	95	1110	<1	233	7	81	3.95	<2	<10	632	1.6	<2	5.47	46	414	6.54	10	<1	1.63	52	6.15
0.3	0.6	54	1200	<1	174	16	88	2.79	<2	<10	783	1.6	<2	7.38	38	366	5.17	10	<1	2.38	54	4.65
0.6	<0.5	79	943	27	168	26	80	2.54	3	<10	463	1.6	<2	4.15	37	337	5.24	<10	<1	2.23	26	3.91
0.9	0.9	369	738	429	29	44	139	1.48	22	11	187	<0.5	<2	1.34	11	48	3.62	<10	<1	0.23	12	0.69
<0.2	<0.5	48	462	5	27	<2	42	1.37	5	<10	161	<0.5	<2	1.07	10	37	3.11	<10	2	0.11	<10	0.67
3	0.6	90	1050	21	50	142	63	1.04	2	<10	94	0.6	7	4.74	23	114	4.45	<10	<1	0.75	11	1.68
0.3	0.6	104	1120	<1	88	11	84	1.92	<2	<10	344	1	<2	4.89	40	153	7.55	10	1	1.69	20	3.24
0.4	0.6	97	785	<1	67	6	141	2.48	3	<10	228	1	<2	2.62	30	86	5.79	10	<1	0.93	24	2.07
0.4	1	140	1140	<1	133	5	80	2.32	<2	<10	590	1.4	<2	5.41	42	229	6.89	10	4	1.82	<10	3.66
0.2	0.8	134	1090	<1	289	6	66	2.9	<2	<10	436	1	<2	4.81	50	559	6.14	10	2	0.87	43	5.64

<0.2	<0.5	87	1050	<1	290	<2	61	3.24	<2	<10	132	0.6	<2	6.17	48	644	6.38	10	2	0.35	38	6.68
0.2	0.9	116	1170	<1	221	3	74	2.66	<2	<10	67	<0.5	<2	6.46	46	406	5.88	10	3	0.14	44	6.03
0.3	<0.5	86	1740	<1	207	10	131	2.28	<2	<10	343	1.3	<2	8.45	34	413	5.63	<10	<1	1.63	42	4.31
4.7	1.9	170	673	98	92	248	293	1.17	34	<10	15	0.8	14	1.42	47	108	9.92	<10	<1	0.72	10	1.08
0.2	0.8	160	1440	<1	46	<2	124	2.85	<2	<10	153	<0.5	<2	3.7	47	52	10.3	20	2	0.32	<10	2.77
0.3	0.6	170	1130	<1	47	<2	83	3.73	<2	<10	31	<0.5	<2	4.32	47	43	8.51	10	<1	0.02	<10	3.93
0.2	<0.5	121	1210	<1	64	<2	60	3.97	<2	<10	67	<0.5	<2	4.84	43	90	7.92	10	<1	0.08	<10	4.33
0.2	0.7	149	1160	<1	76	<2	58	4.11	<2	<10	95	<0.5	<2	3.68	49	121	7.59	10	2	0.12	<10	4.95
<0.2	0.6	137	1030	<1	71	<2	61	3.74	<2	<10	107	<0.5	<2	2.77	46	137	6.9	10	4	0.09	<10	4.21
<0.2	0.6	95	988	1	82	<2	76	3.95	<2	<10	100	<0.5	<2	3.13	48	146	7.31	10	2	0.1	<10	4.41

0.3	0.5	195	1130	<1	53	<2	80	3.82	<2	<10	130	<0.5	<2	2.38	50	64	8.28	10	2	0.13	<10	4.16
<0.2	0.6	206	1150	1	59	<2	91	4.37	<2	<10	216	0.6	<2	1.43	56	73	8.34	20	<1	0.29	<10	4.59
0.3	<0.5	21	261	4	12	30	27	0.69	<2	<10	268	<0.5	<2	1.12	8	9	1.44	<10	<1	0.27	17	0.46
0.3	<0.5	55	298	<1	14	54	35	0.83	<2	<10	249	<0.5	<2	1.58	8	10	1.56	<10	<1	0.4	29	0.61
0.5	<0.5	104	437	1	19	27	48	0.95	<2	<10	228	<0.5	<2	2.29	16	12	2.53	<10	<1	0.58	27	0.92
0.4	0.6	225	1020	2	42	3	86	3.02	<2	<10	209	<0.5	<2	4.49	45	50	7.46	10	3	0.43	<10	3.53
0.3	0.8	62	645	2	24	7	49	1.43	<2	<10	255	<0.5	<2	2.76	22	20	3.56	<10	<1	0.49	17	1.48
0.4	0.7	333	1220	<1	47	<2	94	3.13	<2	<10	252	<0.5	<2	4.62	46	43	7.39	10	1	0.48	<10	3.28
0.4	0.6	302	1150	<1	45	<2	83	3.19	<2	<10	101	<0.5	<2	4.04	48	51	7.64	10	3	0.15	<10	3.37

0.2	0.7	180	1350	<1	50	<2	98	3.53	3	<10	114	<0.5	<2	3.32	51	39	8.76	10	1	0.25	<10	3.39
3.8	<0.5	29	575	2	7	153	18	0.47	<2	<10	92	<0.5	10	1.71	6	9	1.77	<10	<1	0.14	13	0.29
0.6	0.5	108	1380	<1	67	10	92	1.97	7	<10	86	0.7	<2	2.85	44	130	7.03	10	<1	1.28	16	1.94
0.3	0.5	79	2730	<1	45	2	75	2.76	<2	<10	260	<0.5	<2	3.35	33	68	10.2	20	3	0.65	11	1.97
0.3	0.9	119	2110	<1	78	2	95	2.97	<2	<10	254	<0.5	<2	3.25	49	114	9.71	20	2	0.47	10	2.31
0.3	0.7	124	2370	<1	143	<2	101	3.57	<2	<10	161	<0.5	<2	3.45	60	104	11.1	20	4	0.15	<10	2.83
<0.2	<0.5	33	696	1	24	9	46	1.68	3	<10	382	0.6	<2	2.09	9	29	2.37	<10	<1	0.65	45	0.81
2.6	6.5	477	308	12	85	202	1060	2.37	32	<10	16	0.7	2	0.57	68	48	7.79	<10	2	0.88	11	0.72
0.9	<0.5	17	703	7	7	45	13	0.43	<2	<10	96	<0.5	7	2	4	28	1.44	<10	<1	0.14	16	0.67

0.3	<0.5	70	784	38	13	11	20	0.68	4	<10	169	<0.5	3	2.09	10	19	2.04	<10	<1	0.25	25	0.64
0.4	0.6	102	817	1	50	7	103	3.16	27	<10	89	0.6	<2	1.57	35	68	7.2	10	3	0.52	12	2.53
0.4	1.3	103	1150	2	188	18	148	3.32	38	<10	103	0.6	<2	3.86	43	279	6.82	10	2	0.48	23	4.2
0.9	0.9	654	695	6	77	8	128	1.88	<2	<10	20	<0.5	<2	0.25	54	42	11.4	<10	2	0.75	13	0.51
0.7	1.2	589	759	4	67	<2	64	1.94	<2	<10	19	<0.5	<2	0.54	56	38	9.67	<10	1	0.56	<10	0.92
0.4	<0.5	134	1260	<1	103	<2	108	4.05	3	<10	92	<0.5	<2	3.32	53	91	10.5	20	2	0.06	<10	3.22
0.5	0.7	144	1330	<1	107	<2	99	4.17	<2	<10	75	<0.5	<2	2.82	63	98	10.5	20	1	0.03	<10	3.25
0.4	1.1	183	1310	<1	115	<2	100	4.23	<2	<10	50	<0.5	<2	2.79	57	95	11.3	20	1	0.02	<10	3.18
0.2	1	114	1510	<1	151	<2	108	4.81	<2	<10	50	<0.5	<2	3	56	90	11.3	20	3	0.02	<10	4.04
0.2	1.3	122	1120	<1	93	<2	234	3.92	4	<10	273	<0.5	<2	1.72	50	74	10.5	10	2	0.13	<10	2.84
0.2	1.4	116	1160	<1	81	<2	91	3.98	<2	<10	27	<0.5	<2	3.47	46	110	10.5	20	2	0.01	<10	3.12

	<0.2	1	176	1110	<1	85	<2	102	3.98	<2	<10	15	<0.5	<2	3.65	46	87	10.6	20	<1	<0.01	<10	3.23
4.32	0.4	0.8	45	1290	12	260	11	99	3.07	2	<10	51	0.5	<2	4.56	39	455	6.56	10	1	0.1	36	4.98
	0.3	0.7	19	1100	11	167	9	80	1.49	<2	<10	175	0.8	<2	5.04	29	308	5.2	<10	<1	0.81	23	3.56
	0.4	0.7	120	1030	5	94	7	96	1.8	<2	<10	173	1	<2	3.84	37	119	6.55	<10	<1	1.41	<10	3.1
	<0.2	<0.5	16	516	15	26	7	16	0.24	<2	<10	199	<0.5	<2	1.83	15	36	2.07	<10	<1	0.13	12	0.76
	0.4	<0.5	76	1010	16	162	7	112	2.11	<2	<10	84	0.5	<2	4	41	336	6.66	10	<1	0.28	24	3.67
	0.5	0.6	149	1020	10	87	11	102	2.12	5	<10	25	<0.5	<2	4.04	43	165	7.74	10	<1	0.04	12	3.24
	0.4	<0.5	47	1450	<1	329	7	114	3.35	<2	<10	75	0.5	<2	7.4	41	592	7.3	10	1	0.04	45	6.21
	0.3	<0.5	62	1330	<1	343	7	72	2.92	<2	<10	44	0.6	<2	7.27	40	995	6.27	10	<1	0.05	32	6
	<0.2	<0.5	93	1360	<1	318	7	71	2.88	<2	<10	141	0.8	<2	7.58	46	821	6.44	10	<1	0.46	26	6.43

	<0.2	<0.5	34	1110	<1	393	3	60	2.96	<2	<10	134	0.7	<2	6.29	46	1120	6	10	<1	0.44	24	7.23
	<0.2	<0.5	2	1100	<1	484	3	77	4.05	<2	<10	28	<0.5	<2	4.85	52	738	6.45	20	<1	0.03	28	8.64
	<0.2	<0.5	35	1170	<1	423	5	74	3.45	2	<10	88	0.6	<2	5.16	49	1050	6.46	10	<1	0.22	40	7.25
	0.4	<0.5	53	1230	<1	361	5	58	3.04	<2	<10	149	0.8	<2	7	44	728	5.99	10	<1	0.53	60	6.78
	0.2	<0.5	203	845	<1	277	5	89	3.78	<2	<10	194	1	<2	2.84	55	476	7.82	20	<1	0.67	26	5.16
	<0.2	<0.5	252	1210	<1	113	<2	94	3.81	<2	<10	65	<0.5	2	1.95	53	181	10.1	20	<1	0.05	<10	3.32
3.95	0.8	<0.5	387	782	434	28	48	144	1.58	24	<10	167	<0.5	<2	1.38	9	48	3.73	<10	<1	0.23	11	0.7
	<0.2	<0.5	51	510	8	28	3	44	1.48	3	<10	141	<0.5	<2	1.13	8	36	3.28	<10	<1	0.11	<10	0.69
	<0.2	<0.5	140	1320	<1	114	<2	89	4.06	<2	<10	123	<0.5	<2	2.54	53	179	9.8	20	<1	0.12	<10	2.78
	<0.2	<0.5	104	1680	<1	120	<2	88	3.86	<2	<10	42	<0.5	<2	1.16	54	216	10.3	20	<1	0.05	12	3.14
	<0.2	<0.5	104	644	<1	77	<2	66	3.59	<2	<10	44	<0.5	<2	2.02	37	147	6.89	10	<1	0.08	<10	4.53
	<0.2	<0.5	94	807	<1	142	<2	74	3.93	2	<10	154	<0.5	<2	1.43	45	287	7.27	20	<1	0.51	12	5.31
	<0.2	<0.5	119	829	<1	150	<2	67	3.71	2	<10	572	1	<2	2.08	47	261	7.49	20	<1	1.76	25	5.01

<0.2	<0.5	8	683	<1	457	<2	53	3.54	<2	<10	91	0.6	<2	2.42	44	798	4.78	10	<1	0.35	30	6.41
<0.2	<0.5	121	1370	<1	112	<2	80	3.84	<2	<10	17	<0.5	<2	3.04	54	178	8.71	20	<1	<0.01	<10	2.7
0.5	<0.5	143	1140	<1	54	3	76	3.18	<2	<10	185	<0.5	<2	5.64	36	98	6.9	<10	<1	0.43	<10	3.52
0.2	<0.5	95	1500	2	48	9	153	3.37	3	<10	97	<0.5	<2	5.16	38	46	8.54	<10	4	0.49	<10	3.28
<0.2	<0.5	48	586	1	20	11	49	1.21	2	<10	95	<0.5	<2	1.78	21	26	3.11	<10	<1	0.31	30	0.6
1	0.7	263	1350	<1	33	8	146	2.35	13	<10	30	<0.5	<2	2.86	46	28	10.4	10	1	0.38	<10	1.86
0.3	<0.5	123	2480	2	66	8	116	3.59	<2	<10	215	<0.5	<2	5.9	38	117	10	10	3	0.35	<10	2.62
0.3	0.5	109	2290	2	46	4	70	3.37	<2	<10	169	<0.5	<2	6.62	33	143	9.11	10	4	0.19	<10	2.28
0.3	0.6	113	1790	<1	112	<2	74	3.94	<2	<10	50	<0.5	<2	5.69	42	196	9.53	10	3	0.06	<10	3.39
0.3	0.6	93	1660	<1	134	<2	86	4.15	<2	<10	86	<0.5	<2	5.57	53	120	10.3	20	3	0.11	<10	3.47
0.2	0.6	124	1450	<1	141	2	95	4.07	<2	<10	44	<0.5	<2	4.83	55	117	9.52	20	<1	0.05	<10	3.44

0.3	0.6	102	1950	2	147	4	114	3.84	<2	<10	70	<0.5	<2	5.33	50	95	9.99	10	3	0.11	<10	3.27
0.3	1.1	105	1150	2	87	20	270	2.58	27	<10	32	0.5	<2	2.9	30	93	6.36	<10	2	0.91	12	1.99
0.6	1.9	226	912	5	86	20	434	2.55	47	<10	20	<0.5	2	1.17	49	45	8.96	<10	4	0.88	<10	1.57
0.7	2	195	874	20	99	27	578	2.44	88	<10	23	<0.5	<2	1.7	45	61	7.64	<10	1	0.85	<10	1.27
<0.2	<0.5	69	932	<1	34	6	104	2.52	<2	<10	153	<0.5	<2	3.94	18	25	4.45	<10	<1	0.62	15	1.1
<0.2	<0.5	69	775	<1	41	7	89	2.38	<2	<10	183	<0.5	<2	2.95	21	32	5.1	10	<1	0.41	18	1.38
<0.2	0.5	60	973	<1	45	5	80	2.82	7	<10	188	<0.5	<2	3.51	20	32	4.86	10	<1	0.55	16	1.46
0.6	2.1	222	1240	2	70	29	549	2	159	<10	30	<0.5	<2	1.29	46	27	8.39	<10	4	0.72	<10	0.99
<0.2	0.7	112	1090	<1	45	7	258	2.71	23	<10	54	<0.5	<2	2.51	25	23	5.28	<10	<1	0.87	15	1.26
0.8	0.8	363	1030	104	61	27	151	2.35	124	<10	28	<0.5	<2	1.24	47	31	7.65	<10	2	0.81	12	0.98
0.3	0.6	141	1230	1	114	7	121	4.49	11	<10	56	<0.5	<2	3.21	48	72	9.79	10	2	0.39	<10	2.86
0.2	<0.5	124	1020	<1	60	<2	82	3.9	<2	<10	37	<0.5	<2	4.56	39	80	9.62	20	<1	0.03	<10	2.7
0.2	<0.5	157	1030	<1	76	<2	81	3.84	<2	<10	17	<0.5	<2	4.77	42	117	9.52	20	1	0.01	<10	2.84

0.3	<0.5	296	1120	<1	59	<2	92	3.21	<2	<10	27	<0.5	<2	5	45	2	11.4	20	3	0.04	<10	2.78
0.3	0.5	176	1140	<1	24	<2	91	2.58	<2	<10	84	<0.5	<2	4.51	42	33	10.2	10	<1	0.29	<10	2.59
0.3	<0.5	182	1220	<1	26	<2	98	3.41	<2	<10	17	<0.5	<2	4.39	44	<1	11.5	20	3	0.01	<10	2.72
0.4	0.5	237	1100	4	58	<2	73	1.67	2	<10	48	<0.5	<2	4.41	39	29	9.48	10	2	0.88	<10	2.38
0.3	<0.5	132	1180	<1	81	<2	92	3.04	<2	<10	64	<0.5	<2	3.86	45	132	9.88	10	3	0.2	<10	3.06
0.4	0.5	111	1250	<1	98	<2	87	2.3	<2	<10	101	0.5	<2	4.24	43	117	9.22	10	<1	0.77	<10	3.21
0.3	0.5	99	1200	<1	96	<2	108	2.72	<2	<10	68	<0.5	<2	4.03	42	110	9.74	10	<1	0.27	<10	3.07
0.4	0.5	99	828	33	152	11	162	1.76	5	<10	35	0.8	<2	3.13	39	138	7.44	10	2	1.11	12	2.42
0.2	0.6	57	1010	2	275	2	95	2.89	<2	<10	58	<0.5	<2	4.01	42	235	7.64	10	1	0.28	<10	4.34
0.4	<0.5	89	1020	63	122	9	73	1.41	<2	<10	52	0.6	<2	4.52	32	135	5.41	<10	<1	0.98	11	2.73
0.4	<0.5	207	1120	3	74	<2	127	2.54	<2	<10	89	1.1	<2	3.4	39	86	9.83	10	2	2.02	<10	3.55
0.4	<0.5	85	1130	9	68	3	111	2.05	<2	<10	54	0.9	<2	4.3	36	70	8.35	10	2	1.75	<10	3.11
0.4	<0.5	145	1240	<1	72	3	93	1.87	4	<10	63	0.7	<2	4.24	40	81	9.59	10	3	1.41	<10	2.84
0.3	<0.5	238	1230	<1	81	<2	116	2.15	4	<10	52	0.6	<2	3.53	45	87	10.5	10	<1	1	<10	3.23

	0.5	<0.5	153	1310	2	91	2	109	1.96	<2	<10	46	<0.5	<2	4.24	45	92	10.2	10	1	0.69	<10	3.18
13.4	1.4	0.7	129	1190	145	85	13	61	0.98	<2	<10	42	<0.5	<2	4.68	35	123	7.12	<10	<1	0.63	<10	2.6
7.5	0.8	0.6	98	1230	84	84	12	58	0.87	<2	<10	43	<0.5	<2	4.98	30	135	6.17	<10	<1	0.5	<10	2.54
	<0.2	<0.5	53	555	5	32	3	49	1.59	<2	<10	162	<0.5	<2	1.22	10	41	3.78	<10	<1	0.13	<10	0.76
3.68	0.9	0.9	392	849	460	33	44	150	1.69	19	<10	185	<0.5	<2	1.46	12	50	4.19	<10	<1	0.26	12	0.75
	0.4	0.8	232	1050	1	54	<2	130	2.86	<2	<10	91	0.5	<2	2.96	41	72	10	20	1	0.58	<10	3.88
	0.3	<0.5	79	1050	6	81	4	119	1.56	6	<10	80	<0.5	<2	3.81	30	129	6.71	<10	1	0.51	25	2.76
	0.6	0.8	204	809	7	91	10	160	1.15	61	<10	24	<0.5	<2	2.39	47	105	7.98	<10	2	0.51	12	1.94
	0.5	0.9	137	614	8	122	10	199	2.12	41	<10	23	0.7	<2	1.47	55	199	9.63	10	2	0.91	14	2.39
	0.3	<0.5	141	1180	12	70	9	92	0.89	33	<10	31	<0.5	<2	3.78	35	81	6.38	<10	<1	0.31	19	1.65
	<0.2	<0.5	52	1240	1	94	2	85	1.55	5	<10	39	<0.5	<2	4.93	23	139	5.8	<10	<1	0.11	36	2.45
	0.4	0.5	114	1370	1	59	4	158	2.46	8	<10	71	<0.5	<2	4.2	27	85	7.54	10	<1	0.15	24	2.07
	0.4	0.5	131	1360	9	89	5	120	2.16	8	<10	46	0.8	<2	4.54	39	112	7.38	10	3	0.83	30	2.68
	<0.2	<0.5	64	936	5	28	13	53	0.86	2	<10	104	<0.5	<2	3.17	15	74	3.6	<10	<1	0.54	33	1.08

<0.2	<0.5	48	762	<1	40	17	67	1.05	<2	<10	347	<0.5	<2	3.53	16	115	3.12	<10	<1	0.75	62	1.82
0.4	0.5	91	1150	2	71	14	100	1.39	<2	<10	322	0.5	<2	6.03	29	119	5.29	<10	<1	0.87	50	2.97
0.4	<0.5	93	1160	2	69	14	97	1.42	<2	<10	255	0.5	<2	5.97	29	117	5.78	<10	<1	0.92	43	2.88
0.3	<0.5	86	1240	8	79	28	102	0.74	<2	<10	237	<0.5	<2	4.16	33	125	5.39	<10	<1	0.4	73	1.62
0.3	<0.5	21	739	28	41	10	50	0.27	<2	<10	86	<0.5	2	4.88	18	74	3.45	<10	<1	0.12	47	1.8
0.6	<0.5	77	1110	33	55	6	35	0.58	<2	<10	75	<0.5	<2	4.9	33	70	7.1	<10	<1	0.15	11	1.55
0.5	0.5	57	909	7	43	5	42	0.56	<2	<10	86	<0.5	<2	2.94	27	66	5.32	<10	<1	0.24	15	1.18
0.7	<0.5	72	1120	15	53	4	56	0.77	<2	<10	122	<0.5	<2	4.59	32	56	6.56	<10	<1	0.38	12	1.85
0.4	<0.5	62	1060	11	37	6	43	0.43	<2	<10	135	<0.5	<2	4.25	27	56	5.67	<10	<1	0.26	23	1.38
0.3	<0.5	75	1170	11	44	6	56	0.48	<2	<10	103	<0.5	<2	4.43	31	54	6.46	<10	<1	0.28	15	1.58
0.5	<0.5	102	1300	9	52	6	78	0.71	<2	<10	122	<0.5	<2	4.98	32	63	7.33	<10	<1	0.41	11	1.95

	0.3	<0.5	37	551	5	21	3	38	0.44	<2	<10	96	<0.5	<2	2.34	17	47	2.99	<10	<1	0.13	27	0.79
3.53	0.9	1	398	818	466	32	46	145	1.65	20	<10	178	<0.5	<2	1.4	12	50	4.03	<10	<1	0.25	12	0.73
	<0.2	<0.5	55	561	5	33	2	47	1.57	3	<10	164	<0.5	<2	1.22	10	41	3.83	<10	<1	0.13	<10	0.77
	0.3	<0.5	13	619	4	34	32	50	0.49	<2	<10	151	<0.5	<2	2.85	11	117	2.57	<10	<1	0.2	34	1.14
	1.7	<0.5	21	770	4	52	79	48	0.84	<2	<10	58	<0.5	5	3.23	22	189	3.96	<10	<1	0.43	25	1.8
	0.4	<0.5	6	780	3	79	45	89	0.65	<2	<10	465	<0.5	<2	4.06	20	222	3.26	<10	<1	0.5	40	1.98
	0.5	<0.5	7	514	1	17	21	22	0.21	<2	<10	249	<0.5	3	2.26	8	79	2.07	<10	<1	0.09	33	0.53
	1.3	<0.5	8	299	6	9	51	27	0.18	<2	<10	53	<0.5	7	1.18	6	81	1.37	<10	<1	0.06	20	0.19
	1.1	<0.5	5	310	2	7	26	14	0.3	3	<10	229	<0.5	8	1.21	6	11	1.6	<10	<1	0.11	19	0.26
	9.8	<0.5	13	209	4	5	363	17	0.22	<2	<10	53	<0.5	25	0.89	5	10	1.17	<10	<1	0.07	19	0.15
	3.1	<0.5	24	277	3	4	18	21	0.2	<2	<10	41	<0.5	8	1.03	5	7	1.22	<10	<1	0.05	15	0.22
	<0.2	<0.5	11	567	6	13	4	16	0.27	<2	<10	88	<0.5	<2	2.07	11	20	2.42	<10	<1	0.06	31	0.59

<0.2	<0.5	10	379	5	9	2	16	0.28	<2	<10	101	<0.5	<2	1.86	7	20	1.88	<10	<1	0.09	32	0.58
<0.2	<0.5	19	670	3	26	3	33	0.42	<2	<10	74	<0.5	<2	2.87	10	51	2.26	<10	<1	0.08	33	1.06
<0.2	<0.5	29	849	5	6	3	14	0.27	<2	<10	66	<0.5	<2	2.48	6	9	2.03	<10	<1	0.09	33	0.48
<0.2	<0.5	29	525	3	7	8	23	0.36	<2	<10	126	<0.5	<2	3.1	6	12	1.68	<10	<1	0.09	34	0.56
<0.2	<0.5	20	355	<1	3	7	10	0.18	<2	<10	49	<0.5	<2	1.29	2	15	0.96	<10	<1	0.06	18	0.17
0.5	0.8	162	1840	4	51	263	267	2.28	10	<10	135	<0.5	<2	6.05	47	92	8.43	<10	<1	0.19	<10	2.2
0.3	<0.5	115	1020	<1	45	8	91	1.9	10	<10	177	<0.5	<2	3.57	30	71	5.31	<10	<1	0.48	19	1.35
<0.2	<0.5	45	493	<1	16	6	45	1.07	3	<10	181	<0.5	<2	2.08	13	14	2.32	<10	<1	0.36	31	0.58
<0.2	<0.5	70	2250	1	55	<2	135	2.08	4	<10	60	<0.5	<2	2.78	47	47	9.07	<10	<1	0.13	<10	1.43
<0.2	<0.5	17	1480	<1	23	<2	46	0.79	3	<10	57	<0.5	<2	1.76	20	24	3.54	<10	<1	0.14	14	0.77
<0.2	<0.5	7	932	<1	9	<2	16	0.3	<2	<10	34	<0.5	<2	1.5	12	17	1.84	<10	<1	0.07	<10	0.45
0.2	<0.5	125	1840	5	97	<2	128	1.94	2	<10	60	<0.5	<2	3.52	48	94	8.76	<10	<1	0.1	<10	2.39
<0.2	<0.5	16	1670	2	339	8	157	2.43	<2	<10	131	0.7	<2	6.7	41	535	7.39	10	<1	0.52	33	5.75

	<0.2	<0.5	81	1280	2	85	3	65	0.92	<2	<10	80	<0.5	<2	3.07	27	133	4.85	<10	<1	0.17	10	1.89
	<0.2	<0.5	93	1460	4	155	<2	132	1.83	3	<10	90	<0.5	<2	4.87	46	172	8.91	10	<1	0.19	14	3.36
	<0.2	<0.5	24	1630	<1	272	6	109	1.77	<2	<10	168	<0.5	<2	7.87	37	349	6.61	<10	<1	0.62	40	5.37
	<0.2	<0.5	8	737	<1	70	6	51	0.57	<2	<10	119	<0.5	<2	2.34	13	98	2.33	<10	<1	0.39	21	1.31
	<0.2	<0.5	21	471	<1	8	5	27	0.26	<2	<10	46	<0.5	<2	1.51	7	9	1.66	<10	<1	0.09	19	0.52
	<0.2	<0.5	23	395	<1	7	6	36	0.31	<2	<10	54	<0.5	<2	1.37	6	9	1.57	<10	<1	0.12	22	0.52
	<0.2	<0.5	93	1120	<1	48	<2	112	2.47	<2	<10	27	<0.5	<2	4.52	36	65	9.22	10	<1	0.04	<10	2.76
3.6	0.8	<0.5	367	743	411	25	42	140	1.56	18	<10	161	<0.5	<2	1.32	9	45	3.61	<10	<1	0.23	11	0.66
	<0.2	<0.5	51	510	6	28	<2	43	1.53	3	<10	147	<0.5	<2	1.14	9	36	3.37	<10	<1	0.12	<10	0.69
	<0.2	<0.5	109	1030	<1	57	<2	64	0.86	<2	<10	88	<0.5	<2	4.32	23	162	4.01	<10	<1	0.11	<10	2.03
	<0.2	<0.5	50	1000	<1	72	<2	102	1.52	<2	<10	51	<0.5	<2	4.18	29	280	5.34	<10	<1	0.08	<10	2.69
	<0.2	<0.5	10	1050	<1	86	<2	109	1.62	<2	<10	52	<0.5	<2	3.64	31	232	5.78	<10	<1	0.07	<10	2.61
	<0.2	<0.5	56	1360	<1	152	<2	128	2.02	<2	<10	77	<0.5	<2	4.66	46	87	7.79	<10	<1	0.11	<10	3
	<0.2	<0.5	26	1260	<1	149	<2	119	2.33	<2	<10	159	<0.5	<2	4.39	48	113	8.11	10	<1	0.5	<10	3.14
	<0.2	<0.5	3	664	<1	51	<2	56	0.87	2	<10	146	<0.5	<2	1.69	20	147	3.24	<10	<1	0.55	<10	1.17

<0.2	<0.5	39	1230	<1	93	<2	104	1.65	<2	<10	204	<0.5	<2	4.71	35	259	6.21	<10	<1	0.66	<10	3.02
<0.2	<0.5	54	1400	<1	104	<2	109	1.74	<2	<10	206	<0.5	<2	4.84	39	275	6.73	<10	<1	0.64	<10	3.27
0.3	<0.5	117	1450	<1	85	<2	102	1.29	6	<10	117	<0.5	<2	5.33	37	121	5.68	<10	<1	0.24	<10	2.79
<0.2	<0.5	152	1380	<1	126	<2	101	1.86	7	<10	105	<0.5	<2	4.93	37	222	6.75	<10	<1	0.19	<10	3.06
<0.2	<0.5	25	374	<1	28	<2	21	0.34	2	<10	52	<0.5	<2	0.23	8	52	1.21	<10	<1	0.06	<10	0.24
<0.2	<0.5	18	1710	<1	261	4	130	2.21	<2	<10	74	<0.5	<2	6.84	36	401	7.18	<10	<1	0.14	61	4.92
<0.2	<0.5	35	1310	<1	172	2	107	2.28	<2	<10	109	<0.5	<2	5.6	33	303	6.34	<10	<1	0.29	57	4.53
<0.2	1.1	58	950	8	50	<2	327	2.28	<2	<10	35	<0.5	<2	1.39	26	63	6.05	<10	<1	0.04	23	2.04
0.4	<0.5	263	259	11	80	14	65	1.78	<2	<10	47	<0.5	<2	0.08	58	26	7.74	<10	<1	0.25	12	1.24
0.4	<0.5	217	601	105	71	17	201	1.77	<2	<10	67	<0.5	<2	0.19	45	27	7	<10	<1	0.18	11	1.39
0.5	<0.5	175	256	11	82	16	73	1.73	4	<10	50	<0.5	<2	0.08	62	24	8.25	<10	<1	0.21	11	1.21
0.3	0.6	61	1010	<1	157	<2	96	3.11	<2	<10	17	<0.5	<2	5.5	33	163	6.86	10	<1	0.01	11	2.95
0.2	0.6	67	906	<1	292	4	100	4.09	<2	<10	46	<0.5	<2	3.87	45	255	7.93	10	<1	0.18	10	4.59
<0.2	0.7	49	493	4	30	<2	45	1.5	3	<10	143	<0.5	<2	1.11	9	36	3.24	<10	<1	0.11	<10	0.67
0.3	1	55	903	2	65	6	68	1.32	<2	<10	127	<0.5	<2	4.24	21	98	3.89	<10	<1	0.6	18	1.48

	0.4	0.8	71	1120	5	50	4	139	1.97	7	<10	95	0.8	<2	1.98	21	43	8.21	<10	2	1.19	16	1.78
	0.6	0.7	84	1150	27	77	12	68	1.11	7	<10	82	0.5	<2	4.73	30	66	6.26	<10	2	0.87	<10	2.15
	0.4	0.8	105	426	2	61	15	85	1.62	22	<10	60	0.8	<2	1.64	34	76	6.98	<10	1	0.93	11	1.62
5.64	1.3	<0.5	82	569	647	32	82	74	1.73	31	<10	356	<0.5	<2	0.95	8	39	3.56	<10	3	0.18	<10	0.72
	0.5	0.8	225	473	6	76	13	95	1.64	14	<10	49	0.9	<2	1.23	46	90	7.58	<10	2	1.26	<10	1.79
	0.6	0.8	119	1160	18	82	17	111	1.75	4	<10	109	0.9	<2	5.2	35	101	7.07	<10	3	1.51	10	3.05
	0.4	0.9	153	1250	1	45	6	73	1.06	5	<10	103	0.5	<2	4.3	27	60	5.84	<10	<1	0.76	17	1.86
	0.4	0.6	164	1460	<1	173	2	109	2.37	6	<10	118	0.6	<2	5.77	45	271	7.95	10	3	0.64	20	3.71
	0.5	1.8	164	1500	2	198	5	243	2.87	42	<10	114	0.6	<2	5.5	41	347	8.47	10	<1	0.28	23	4.34
	0.2	0.9	86	1360	<1	101	<2	90	4.01	<2	<10	<10	<0.5	<2	4.52	45	115	10.6	20	2	0.01	<10	3.4
	0.2	0.7	132	1330	<1	97	<2	84	3.8	<2	<10	10	<0.5	<2	4.5	47	112	10.9	20	1	<0.01	<10	3.22
	0.3	0.9	87	1260	<1	119	<2	81	3.62	<2	<10	18	<0.5	<2	6.54	45	159	9.52	10	1	0.02	11	3.45

0.4	<0.5	147	1140	<1	161	4	82	2.77	<2	<10	332	1.3	<2	6.42	41	227	8.13	10	3	1.95	17	4.38
0.5	0.6	149	1360	<1	191	6	89	2.45	<2	<10	336	1.1	<2	7.14	37	335	7.28	<10	2	1.65	16	4.99
0.5	0.6	191	1150	1	32	4	74	1.04	<2	<10	228	0.5	<2	4.62	29	51	7.26	<10	<1	0.82	<10	1.97
0.4	0.7	144	1210	<1	74	3	117	1.52	<2	<10	235	0.6	<2	4.03	40	140	9.22	<10	<1	1.23	<10	2.65
0.3	0.7	158	1280	<1	65	4	101	1.42	<2	<10	244	0.6	<2	4.32	38	107	8.5	<10	1	1.08	<10	2.57
0.3	0.6	97	1230	<1	111	<2	102	2.57	<2	<10	116	0.9	<2	4.74	48	129	10.3	10	1	1.02	<10	3.11
0.3	0.6	147	1150	1	66	<2	119	2.41	3	<10	178	0.8	<2	3.93	39	95	9.48	10	2	1.62	<10	2.69
0.6	0.5	80	915	58	54	10	94	1.29	4	<10	67	<0.5	<2	2.74	32	86	6.73	<10	<1	0.46	<10	1.41
0.4	0.5	130	1150	5	52	3	108	2.21	3	<10	198	0.8	<2	5.41	30	106	6.75	10	2	1.48	<10	2.96
0.3	0.6	86	1260	8	79	2	83	2.33	<2	<10	234	0.9	<2	6.05	35	258	6.98	10	2	1.89	<10	3.45
0.4	<0.5	429	1290	8	44	12	76	1.35	10	<10	90	0.8	<2	5.62	44	64	8.65	<10	<1	1.2	<10	3.09

	<0.2	<0.5	76	291	5	11	6	26	0.79	<2	<10	219	<0.5	<2	1.67	8	15	1.69	<10	<1	0.4	34	0.61
	0.4	<0.5	117	255	13	7	18	16	0.52	3	<10	296	<0.5	<2	1.51	8	15	1.26	<10	<1	0.21	15	0.45
	0.3	<0.5	167	1180	9	70	6	57	1.26	<2	<10	184	<0.5	<2	6.8	33	326	5.74	<10	<1	0.85	<10	3.19
	0.3	<0.5	74	906	2	48	3	44	1.32	<2	<10	231	<0.5	<2	5.36	24	181	3.83	<10	<1	0.64	<10	2.26
5.59	1.2	<0.5	75	538	637	26	81	66	1.61	31	<10	97	<0.5	<2	0.89	9	38	3.3	<10	3	0.16	<10	0.69
	0.2	<0.5	50	495	8	27	<2	44	1.45	3	<10	138	<0.5	<2	1.12	9	35	3.12	<10	<1	0.11	<10	0.67
	0.3	<0.5	93	1010	<1	51	5	51	1.94	<2	<10	453	<0.5	<2	6.64	26	233	4.57	<10	<1	0.62	<10	2.57
	0.6	<0.5	81	858	137	49	14	40	1.75	<2	<10	238	<0.5	<2	5.41	23	181	4.21	<10	<1	0.55	<10	2.18
	<0.2	<0.5	72	737	1	95	3	80	2.75	<2	<10	756	0.9	<2	4.35	28	153	5.17	10	<1	1.79	17	2.7
	<0.2	<0.5	43	722	<1	98	2	85	2.72	<2	<10	613	0.8	<2	4.29	28	159	5.27	10	<1	1.63	17	2.67

<0.2	<0.5	36	1000	<1	97	2	108	2.39	<2	<10	340	0.5	<2	4.47	23	122	5.04	10	<1	1.01	18	2.45
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<0.2	<0.5	42	888	<1	101	<2	107	2.69	<2	<10	448	0.6	<2	4.84	27	144	5.31	10	<1	1.39	17	2.78
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0.8	<0.5	110	1110	3	51	43	94	2.22	<2	<10	273	0.6	<2	5.54	26	171	5.13	<10	<1	0.95	<10	2.81
0.7	<0.5	178	1240	<1	52	13	106	2.49	<2	<10	273	0.8	<2	5.74	32	170	6.58	10	<1	1.47	<10	3.24
0.5	<0.5	202	1240	<1	51	9	109	2.62	<2	<10	279	0.8	<2	5.83	35	178	6.88	10	<1	1.55	<10	3.43

	0.9	<0.5	1330	1260	1	60	3	100	2.18	<2	<10	199	0.6	<2	5.46	38	192	6.99	10	<1	1.27	<10	3.49
	0.5	<0.5	524	1140	6	68	3	93	2.23	<2	<10	352	0.8	<2	5.8	35	186	6.35	10	<1	1.53	<10	3.14
5.35	1.3	<0.5	90	620	728	35	89	78	1.9	34	<10	79	<0.5	<2	1.02	11	42	3.84	<10	3	0.19	<10	0.8
	<0.2	<0.5	54	517	8	28	<2	45	1.58	5	<10	149	<0.5	<2	1.18	9	37	3.3	<10	<1	0.12	<10	0.71
	0.2	<0.5	173	1260	<1	50	3	96	2.31	<2	<10	209	0.8	<2	5.57	37	133	6.79	10	<1	1.71	<10	3.55
	0.2	<0.5	97	1240	1	32	<2	78	1.56	<2	<10	182	0.6	<2	6.16	26	102	5.57	<10	<1	0.85	<10	2.17
	<0.2	<0.5	162	1260	<1	46	<2	101	2.2	<2	<10	221	0.6	<2	5.85	33	112	6.66	10	<1	1.29	<10	3.27
	0.3	<0.5	170	1170	<1	38	6	81	1.35	<2	<10	197	<0.5	<2	5.81	27	115	5.4	<10	<1	1	<10	2.67
	0.4	<0.5	302	1260	<1	46	3	96	1.63	<2	<10	224	0.6	<2	5.75	32	114	6.25	10	<1	1.11	<10	3.18
	<0.2	<0.5	127	1470	<1	42	6	91	1.57	<2	<10	143	<0.5	<2	6.21	29	107	6.04	<10	<1	0.45	<10	3.13

<0.2	<0.5	188	1300	3	52	5	97	1.6	<2	<10	199	<0.5	<2	5.64	34	136	6.11	<10	<1	0.83	<10	3.05
0.3	<0.5	305	1190	<1	56	3	85	1.67	3	<10	205	0.6	<2	5.31	34	139	6.09	<10	<1	0.93	<10	2.97
0.2	<0.5	106	1200	<1	115	<2	92	2.28	<2	<10	138	1.3	<2	4.67	49	260	7.35	10	<1	1.72	<10	4.22
<0.2	<0.5	2	1470	<1	453	4	100	2.82	3	<10	405	1.7	<2	8.23	42	1140	5.96	10	<1	2.48	19	7.33
0.3	<0.5	20	324	25	13	3	11	0.63	<2	<10	273	<0.5	<2	2.41	11	21	1.6	<10	<1	0.15	25	0.55
<0.2	<0.5	177	961	1	36	<2	103	2.95	<2	<10	127	0.6	2	6.38	40	34	9.32	10	<1	0.58	<10	3.19
<0.2	<0.5	146	1220	2	46	<2	45	2.81	4	<10	56	0.5	5	9.21	37	74	6.77	10	<1	0.19	<10	2.8
<0.2	<0.5	241	1160	<1	40	<2	90	3.82	<2	<10	14	<0.5	3	5.75	51	28	9.72	20	<1	0.01	<10	3.83
<0.2	<0.5	128	1330	<1	74	<2	106	3.37	<2	<10	34	<0.5	<2	4.74	49	79	11.3	20	<1	0.06	<10	3.01
<0.2	<0.5	122	1280	<1	76	3	96	3.03	<2	<10	18	<0.5	<2	4.64	49	78	10.9	20	<1	0.03	<10	3.04

	<0.2	<0.5	115	1240	3	83	2	94	3.04	<2	<10	249	0.7	<2	4.97	49	82	10.6	20	<1	2.06	<10	3.4
	<0.2	<0.5	130	1250	<1	90	<2	104	3.51	<2	<10	13	<0.5	<2	4.2	50	90	11.5	20	<1	0.03	<10	3.76
	<0.2	<0.5	107	1190	<1	77	3	103	3.24	<2	<10	271	0.8	<2	4.68	48	77	10.8	20	<1	2.37	<10	3.32
	0.3	<0.5	125	1050	5	109	5	199	2.77	7	<10	93	<0.5	<2	3.42	46	127	9.96	20	<1	0.52	<10	2.63
	0.5	3.3	257	914	14	158	14	701	2.04	37	<10	55	0.5	<2	2.88	52	121	8.65	<10	<1	0.93	14	1.47
	0.6	2.8	270	656	20	142	23	735	1.47	59	<10	49	<0.5	<2	2	56	67	8.74	<10	<1	0.82	14	0.71
	0.3	<0.5	115	1180	3	331	7	175	2.72	4	<10	219	1.1	<2	3.7	47	578	6.6	10	<1	2.3	15	3.56
	0.4	<0.5	62	966	46	63	16	92	1.85	<2	<10	149	0.5	<2	3.88	31	104	6.33	<10	<1	1.53	<10	2.05
6.56	0.9	<0.5	81	690	6	47	23	97	0.95	11	<10	37	<0.5	<2	1.66	26	50	5.73	<10	<1	0.65	<10	0.98
	1	2.1	214	1130	40	66	48	461	1.17	18	<10	31	<0.5	<2	1.64	44	36	8.24	<10	<1	0.83	<10	0.58

	<0.2	<0.5	23	178	2	<1	18	31	0.48	<2	<10	254	<0.5	<2	0.57	2	4	1.07	<10	<1	0.27	20	0.09
	1.4	1.5	145	780	42	64	81	287	1.12	49	<10	22	0.7	<2	0.76	50	31	9.71	<10	<1	0.78	<10	0.4
3.19	0.8	0.6	122	1040	11	38	29	111	0.85	49	<10	26	<0.5	<2	1.19	39	19	10.1	<10	<1	0.61	<10	0.37
	0.7	1.5	143	1440	42	53	24	416	1.12	33	<10	33	<0.5	<2	1.13	37	23	8.2	<10	<1	0.77	<10	0.4
	<0.2	<0.5	95	2020	3	30	5	176	1.54	<2	<10	164	<0.5	<2	3.81	18	19	4.71	<10	<1	1.15	11	1.2
	0.4	<0.5	101	1990	3	26	4	168	1.57	5	<10	164	<0.5	<2	3.52	18	12	4.37	<10	<1	1.11	11	0.99
	1	0.9	137	1540	34	53	73	249	1.56	7	<10	44	0.5	<2	2.16	33	32	6.63	<10	<1	0.98	<10	0.87
	0.3	0.6	108	1500	5	52	15	265	2.25	5	<10	101	0.7	<2	2.79	29	50	6.06	<10	<1	1.61	14	1.52
	<0.2	<0.5	10	222	2	2	6	22	0.64	<2	<10	565	0.6	<2	0.63	3	8	1.12	<10	<1	0.26	23	0.22
	<0.2	<0.5	10	224	1	4	8	25	0.66	<2	<10	607	0.6	<2	0.54	4	9	1.2	<10	<1	0.25	23	0.28
6.0	1.3	<0.5	85	591	673	27	84	67	1.68	27	<10	113	<0.5	<2	0.94	11	38	3.88	<10	2	0.19	<10	0.79
	<0.2	0.6	83	1250	<1	66	<2	86	3.63	3	<10	17	<0.5	<2	5.81	38	128	9.05	10	2	0.03	<10	2.99

	<0.2	0.8	92	1230	<1	63	<2	90	3.87	<2	<10	13	<0.5	<2	5.39	40	136	9.57	20	3	0.02	<10	3.09
	0.2	0.9	105	1120	<1	69	<2	97	3.56	<2	<10	67	<0.5	<2	5.14	43	147	9.43	20	1	0.31	<10	2.98
	0.4	0.8	105	1010	<1	77	<2	172	2.68	6	<10	277	1.1	<2	3.96	40	87	10.1	20	1	2.4	<10	3.09
	0.5	0.7	90	699	3	159	7	186	2.02	5	<10	74	1	<2	3.03	38	289	6.8	10	<1	1.57	10	2.52
3.93	1.1	2.2	174	597	21	169	23	474	1.51	14	<10	31	0.7	<2	1.81	57	183	9.04	<10	3	0.98	<10	1.65
3.35	1	1.5	97	802	98	117	33	231	1.38	14	<10	47	0.5	3	2.85	44	117	8.35	<10	2	0.84	<10	1.38
	<0.2	<0.5	28	83	<1	<1	14	12	0.33	<2	<10	822	0.6	<2	0.57	2	6	0.48	<10	<1	0.12	19	0.07
	0.2	0.7	101	1180	<1	95	<2	91	3.63	<2	<10	81	<0.5	<2	4.74	45	112	10	20	1	0.45	<10	3.33
	0.4	0.7	185	1090	<1	81	<2	105	2.96	<2	<10	288	1.1	<2	4.27	41	96	8.52	20	3	2.52	<10	2.65
	0.2	0.8	149	1200	<1	120	<2	131	4.05	<2	<10	177	0.8	<2	4.15	49	134	10.5	20	<1	1.17	<10	3.59
	0.3	1.1	140	1200	<1	15	<2	123	2.76	3	<10	194	0.5	<2	4.89	41	2	11.3	20	3	1.28	<10	2.35

0.2	1	106	1300	<1	16	<2	103	3.36	<2	<10	37	<0.5	<2	3.39	48	<1	12.5	20	3	0.15	<10	2.91
0.3	0.6	147	1240	<1	49	<2	113	3.43	<2	<10	398	0.6	<2	4.23	48	40	11.8	20	3	2.23	<10	3.06
0.2	0.9	128	886	<1	38	<2	67	2.66	<2	<10	13	<0.5	<2	3.05	29	79	6.31	10	<1	0.03	<10	1.9
<0.2	0.6	142	1130	<1	50	<2	82	2.81	<2	<10	21	<0.5	<2	4.3	37	59	8.9	10	2	0.08	<10	2.24
0.2	0.7	151	1340	<1	81	<2	92	3.33	<2	<10	184	<0.5	<2	4.79	45	75	10.4	20	2	1.63	<10	3.07
<0.2	0.6	106	1380	<1	101	<2	89	3.62	<2	<10	88	<0.5	<2	4.56	47	115	10.2	20	2	0.58	<10	3.42
0.4	<0.5	8	152	<1	2	22	29	0.33	<2	<10	1640	<0.5	<2	1.04	3	8	0.81	<10	<1	0.09	17	0.17
0.2	0.7	135	1130	<1	28	<2	131	2.94	<2	<10	59	<0.5	<2	4.46	40	36	10.7	20	1	0.11	10	2.56
0.2	0.5	53	1050	<1	6	<2	118	1.9	<2	<10	198	0.5	<2	3.89	30	1	10.4	10	2	1.16	<10	1.76
0.3	0.6	105	1120	2	19	<2	74	1.45	4	<10	94	<0.5	<2	4.03	26	20	8.53	<10	2	0.76	<10	1.21
0.5	<0.5	108	536	14	54	7	59	1.06	12	<10	31	<0.5	<2	1.84	34	30	5.96	<10	2	0.6	<10	0.76

	0.9	0.8	75	927	12	56	7	133	1.4	4	<10	67	<0.5	<2	3.27	27	81	5.01	<10	<1	0.75	11	1.31
	<0.2	<0.5	31	458	3	14	6	52	0.74	<2	<10	163	<0.5	<2	2.04	10	17	2.06	<10	<1	0.4	30	0.6
	<0.2	<0.5	21	309	4	9	10	43	0.61	<2	<10	136	<0.5	<2	1.37	7	18	1.67	<10	<1	0.33	29	0.55
	<0.2	<0.5	18	416	7	14	9	39	0.7	<2	<10	66	<0.5	<2	1.78	10	26	2.37	<10	<1	0.4	23	0.7
	0.3	<0.5	6	357	86	9	7	21	0.44	<2	<10	98	<0.5	<2	1.63	7	19	1.46	<10	<1	0.17	14	0.43
3.19	1	0.9	135	1180	170	45	<2	86	2.46	<2	<10	111	0.7	<2	5.87	35	74	6.58	<10	<1	1.47	<10	2.83
	0.4	0.7	39	492	501	24	28	67	0.71	2	<10	37	<0.5	3	2.45	12	34	2.53	<10	<1	0.43	25	0.82
	0.4	<0.5	123	883	226	63	10	127	1.66	5	<10	26	0.9	<2	3.56	29	110	5.21	<10	<1	1.22	12	2.16
	<0.2	<0.5	87	1350	2	242	5	87	3.79	<2	<10	206	0.9	<2	8.19	35	347	5.97	<10	2	0.63	37	5.35
	<0.2	1	135	1450	<1	143	<2	92	3.77	<2	<10	19	<0.5	<2	4.27	47	241	8.73	10	2	0.01	<10	3.6
	<0.2	<0.5	123	1310	<1	148	<2	72	3.74	<2	<10	15	<0.5	<2	4.52	45	306	8.58	10	1	0.01	<10	3.69
3.05	65.4	8.8	179	611	10	45	1180	2120	1.98	36	11	153	<0.5	<2	2.92	14	62	3.3	<10	13	0.29	10	1.73
	<0.2	<0.5	24	447	3	36	2	47	1.4	<2	<10	159	<0.5	<2	1.04	11	56	2.34	<10	<1	0.11	<10	0.63

	<0.2	0.9	123	1330	<1	129	<2	71	3.52	<2	<10	16	<0.5	<2	4.78	41	279	8.05	10	2	0.01	<10	3.35
	0.3	0.5	156	1180	<1	77	3	104	3.33	<2	<10	203	0.7	<2	4.52	51	100	10	20	<1	1.76	<10	3.11
4.71	0.5	<0.5	94	1300	90	65	11	58	1.04	2	<10	91	<0.5	<2	5.38	45	84	7.43	<10	<1	0.77	<10	2.24
	0.3	<0.5	110	1200	<1	79	2	113	3.49	3	<10	136	0.5	<2	4.27	49	96	10	20	<1	1.18	<10	3.26
	0.3	0.5	96	1200	4	61	4	108	3.13	2	<10	194	0.9	<2	4.43	41	95	9.33	20	<1	2.32	<10	3
	0.4	<0.5	58	1150	75	58	8	71	1.22	<2	<10	132	<0.5	<2	4.69	28	111	6.25	<10	<1	0.94	<10	2.41
	0.2	<0.5	60	1080	6	95	4	99	3.08	<2	<10	74	<0.5	<2	4.72	34	132	7.06	10	<1	0.61	12	2.94
	0.3	<0.5	53	1280	<1	85	4	101	3.14	2	<10	43	<0.5	<2	5.22	32	110	6.59	10	<1	0.15	11	2.54
	0.5	1.4	186	438	10	58	19	409	1.24	21	<10	32	<0.5	<2	1.09	39	61	6.02	<10	<1	0.36	<10	0.4
	0.7	1.6	338	381	11	122	32	469	1.79	58	<10	14	<0.5	<2	0.76	81	63	8.66	<10	<1	0.39	11	0.82
	<0.2	<0.5	81	1140	<1	98	5	86	3.04	<2	<10	44	<0.5	<2	5.8	34	129	6.51	10	<1	0.15	<10	3.02
	<0.2	<0.5	69	1000	2	63	<2	87	2.58	<2	<10	61	<0.5	<2	5.35	29	89	6.59	10	<1	0.64	<10	2.64

0.2	<0.5	82	925	<1	59	2	92	2.72	<2	<10	86	0.5	<2	4.77	29	84	6.94	10	<1	0.96	10	2.87
<0.2	<0.5	72	988	<1	89	<2	96	2.47	<2	<10	72	<0.5	<2	4.79	30	88	6.32	<10	<1	0.64	<10	2.76
0.3	<0.5	79	1420	10	95	<2	78	1.93	2	<10	86	<0.5	<2	5.21	45	107	8.41	<10	<1	0.6	<10	2.89
0.2	<0.5	121	1350	3	90	<2	95	2.46	<2	<10	67	<0.5	<2	5.5	48	112	9.21	10	<1	0.68	<10	3.05
0.3	<0.5	237	1260	3	59	4	88	1.47	<2	<10	75	<0.5	<2	5.36	47	34	9.88	<10	<1	0.79	<10	2.46
0.3	<0.5	185	1350	2	44	4	92	1.67	<2	<10	124	<0.5	<2	5.41	46	51	10.1	10	<1	1.2	<10	2.38
75	10.3	191	695	11	48	1340	2450	2.21	48	<10	176	<0.5	<2	3.35	15	63	3.78	10	15	0.33	11	1.99
0.4	<0.5	267	1410	26	34	3	115	1.72	<2	<10	152	0.6	<2	4.74	50	1	13	10	<1	1.48	<10	2.84
0.3	<0.5	234	1350	<1	23	8	111	1.76	<2	<10	200	0.7	<2	4.68	49	21	12.3	10	<1	1.47	<10	2.64
0.4	<0.5	144	1460	<1	87	9	130	2.1	13	<10	224	0.7	<2	5.9	38	226	9.97	10	<1	1.88	28	3.63

0.5	<0.5	68	1380	3	16	12	119	1.12	4	<10	106	0.5	<2	4.44	35	68	11.1	<10	<1	0.9	13	2
0.3	<0.5	72	1070	35	47	7	121	2.23	5	<10	77	0.8	<2	3.07	35	66	8.21	10	<1	1.64	<10	2.54
0.4	<0.5	57	1190	45	33	7	104	1.84	5	<10	85	0.7	<2	3.79	34	41	9.27	10	<1	1.43	<10	2.11
0.3	0.6	265	1310	<1	37	2	159	1.4	3	<10	76	<0.5	<2	4.57	43	<1	11.3	10	<1	1.12	<10	2.87
0.5	<0.5	192	1320	3	36	7	114	0.71	<2	<10	101	<0.5	<2	4.91	41	3	9.82	<10	<1	0.48	<10	2.3
0.3	<0.5	192	1360	<1	26	3	123	1.37	<2	<10	103	<0.5	<2	4.64	46	2	12	10	<1	1	<10	2.63
0.3	<0.5	55	1120	22	79	12	120	1.24	<2	<10	139	0.6	<2	4.85	33	121	6.45	<10	<1	0.88	11	2.74
<0.2	<0.5	27	875	3	138	7	110	1.48	<2	<10	214	0.9	<2	4.43	26	239	4.61	<10	<1	1.26	21	3.27
<0.2	<0.5	31	949	1	105	8	91	1.06	<2	<10	183	0.6	<2	4.9	23	169	3.94	<10	<1	0.88	20	2.84

<0.2	<0.5	131	1510	<1	7	4	85	1.06	<2	<10	112	<0.5	<2	5.14	50	5	12.2	<10	<1	0.73	<10	2.09
0.2	<0.5	110	1300	<1	5	3	85	1.19	<2	<10	111	0.5	<2	5.23	37	4	12.2	<10	<1	0.6	<10	1.2
0.4	<0.5	79	1290	23	26	6	99	0.99	3	<10	52	0.6	3	4.45	40	24	10	<10	<1	0.77	<10	1.61
0.6	<0.5	70	878	163	57	25	75	0.8	10	<10	24	<0.5	2	3.59	41	44	6.37	<10	<1	0.47	<10	0.99
1.5	<0.5	184	1150	66	61	8	102	1.29	23	<10	28	0.6	<2	3.28	55	45	11.1	<10	<1	0.72	<10	1.2
<0.2	<0.5	136	1410	<1	32	<2	95	3.56	<2	<10	33	<0.5	<2	4.8	42	45	11.3	10	<1	0.13	<10	3.74
0.2	<0.5	146	1360	<1	32	<2	94	3.48	<2	<10	16	<0.5	<2	5.54	42	44	11	10	<1	0.02	<10	3.43
<0.2	<0.5	24	512	3	35	3	48	1.45	2	<10	182	<0.5	<2	1.21	14	62	2.64	<10	<1	0.13	<10	0.72

Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	File Number
0.029	0.026	0.37	4	34	42	0.02	<1	<2	<10	254	<10	3	4	
0.116	0.099	0.09	<2	5	77	<0.01	<1	<2	<10	55	<10	7	5	
0.027	0.034	0.18	5	22	100	0.01	1	<2	<10	176	<10	5	6	
0.091	0.072	0.07	4	4	77	0.01	1	<2	<10	42	<10	5	4	
0.051	0.058	0.05	3	14	70	0.02	3	<2	<10	120	<10	6	7	
0.056	0.071	0.1	5	24	37	0.01	2	<2	<10	181	<10	9	7	
0.019	0.175	0.05	6	28	270	0.03	10	<2	<10	182	<10	12	9	
0.022	0.159	0.13	5	26	256	0.06	<1	<2	<10	222	<10	9	16	
0.03	0.026	0.14	7	35	116	0.03	<1	3	<10	263	<10	5	4	
0.023	0.024	0.11	5	32	109	0.06	2	2	<10	239	<10	6	3	
0.03	0.035	0.36	<2	5	85	0.09	<1	<2	<10	41	<10	5	25	
0.027	0.025	0.07	6	32	93	0.06	5	<2	<10	247	<10	6	5	

0.113	0.08	0.18	<2	3	140	0.07	4	<2	<10	35	<10	6	34
0.033	0.036	0.19	4	30	154	0.02	<1	<2	<10	226	<10	8	8
0.126	0.531	1.28	<2	11	284	0.04	2	<2	<10	50	<10	29	6
0.03	0.123	0.89	2	20	489	0.07	<1	2	<10	168	<10	12	17
0.045	0.026	0.22	5	26	135	0.04	<1	<2	<10	203	<10	7	10
0.03	0.023	0.15	4	31	82	0.06	2	<2	<10	239	<10	7	4
0.074	0.034	0.63	4	16	35	0.06	<1	<2	<10	151	<10	7	29
0.05	0.028	0.14	4	29	44	0.05	<1	<2	<10	239	<10	7	7
0.033	0.065	0.09	5	21	235	0.03	<1	<2	<10	164	<10	10	8
0.035	0.158	0.1	3	20	538	0.16	<1	<2	<10	168	<10	11	10
0.09	0.183	0.08	5	13	349	0.13	2	<2	<10	123	<10	13	10

0.082	0.17	0.23	4	14	283	0.05	7	<2	<10	122	<10	13	6
0.104	0.047	0.66	4	6	66	0.14	<1	<2	<10	83	14	14	9
0.108	0.052	0.05	6	6	58	0.16	<1	<2	<10	73	<10	10	12
0.127	0.059	0.7	<2	11	248	0.07	<1	<2	<10	66	<10	7	31
0.031	0.193	0.16	6	15	496	0.08	7	<2	<10	135	<10	12	6
0.139	0.064	3.38	3	9	105	0.09	5	<2	<10	80	<10	8	59
0.076	0.057	2.44	<2	5	90	0.02	<1	<2	<10	55	<10	8	33
0.177	0.041	4.69	5	10	137	0.07	<1	<2	<10	103	<10	8	58
0.226	0.059	1.45	<2	5	139	0.02	<1	<2	<10	29	<10	6	38
0.197	0.072	1.59	4	10	189	0.14	6	<2	<10	94	<10	8	46
0.045	0.076	0.52	3	13	122	0.22	4	<2	<10	141	<10	11	16
0.081	0.213	0.34	<2	12	307	0.12	<1	3	<10	142	<10	17	14
0.061	0.26	0.09	2	16	509	0.2	<1	<2	<10	199	<10	18	10

0.053	0.165	0.38	2	19	457	0.19	<1	<2	<10	165	<10	13	19
0.153	0.097	3.68	2	15	200	0.1	<1	<2	<10	138	<10	13	58
0.09	0.046	3.44	<2	8	104	0.05	1	<2	<10	87	<10	10	68
0.086	0.019	7.61	3	11	128	0.05	<1	<2	<10	115	<10	7	72
0.118	0.041	4.27	<2	9	250	0.04	1	<2	<10	76	<10	8	47
0.063	0.028	7.49	2	6	96	0.06	<1	<2	<10	85	<10	5	55
0.116	0.053	1.7	<2	8	153	0.1	<1	<2	<10	89	<10	7	51
0.1	0.036	4.4	<2	8	163	0.08	<1	<2	<10	58	<10	6	56
0.083	0.014	0.35	<2	1	27	<0.01	1	<2	<10	4	<10	1	9
0.147	0.049	0.1	<2	3	41	<0.01	<1	2	<10	14	<10	4	18
0.092	0.188	1.52	<2	17	452	0.16	<1	<2	<10	167	<10	15	60

0.194	0.043	6.07	4	15	172	0.16	3	<2	<10	105	<10	7	49
0.104	0.056	1.4	<2	20	336	0.34	10	<2	<10	204	<10	10	30
0.071	0.046	0.79	<2	18	275	0.26	6	<2	<10	211	<10	9	34
0.061	0.037	0.97	3	19	184	0.14	<1	<2	<10	236	<10	10	33
0.06	0.047	0.8	<2	19	207	0.15	1	<2	<10	229	<10	10	31
0.062	0.219	0.12	3	16	654	0.21	<1	<2	<10	191	<10	16	9
0.057	0.039	0.45	3	22	169	0.16	<1	2	<10	270	<10	8	19
0.046	0.092	0.37	<2	18	517	0.09	2	2	<10	156	<10	11	45
0.075	0.108	0.54	<2	11	400	0.11	2	<2	<10	92	<10	9	36
0.077	0.151	0.75	<2	12	566	0.12	<1	<2	<10	70	<10	13	35

0.082	0.047	0.57	3	18	630	0.15	5	<2	<10	90	<10	10	44
0.066	0.165	0.17	<2	16	490	0.15	3	<2	<10	129	<10	13	15
0.05	0.027	0.33	3	31	273	0.12	2	4	<10	237	<10	9	19
0.051	0.031	0.34	3	31	302	0.12	<1	5	<10	237	<10	9	21
0.047	0.29	0.15	3	15	594	0.22	2	7	<10	236	<10	19	10
0.064	0.025	0.23	5	34	290	0.19	<1	<2	<10	251	<10	8	13
0.053	0.103	0.54	3	27	308	0.2	<1	2	<10	264	<10	12	27
0.046	0.023	0.1	2	30	72	0.36	4	<2	<10	242	<10	13	5
0.043	0.021	0.09	<2	14	102	0.36	2	<2	<10	146	<10	8	5
0.055	0.022	0.08	3	32	71	0.03	<1	3	<10	226	<10	5	3

0.071	0.022	0.13	3	32	122	0.03	<1	<2	<10	239	<10	6	4
0.032	0.247	0.1	3	16	327	0.18	<1	<2	<10	196	<10	13	9
0.076	0.243	0.36	3	19	473	0.18	3	3	<10	162	<10	15	10
0.16	0.15	0.51	<2	19	261	0.19	<1	<2	<10	141	<10	11	22
0.099	0.048	0.66	5	6	64	0.14	<1	<2	<10	86	12	14	10
0.101	0.052	0.05	<2	6	56	0.15	4	<2	<10	72	<10	10	11
0.226	0.109	1.37	<2	17	292	0.1	<1	2	<10	94	<10	11	31
0.171	0.034	0.51	<2	30	295	0.2	<1	3	<10	241	<10	10	22
0.123	0.073	0.89	<2	13	115	0.12	<1	<2	<10	133	<10	9	58
0.125	0.036	0.37	2	28	318	0.24	<1	2	<10	205	<10	8	20
0.054	0.255	0.51	<2	20	310	0.1	<1	<2	<10	181	<10	14	8

0.024	0.237	0.09	3	21	371	0.04	<1	<2	<10	148	<10	11	4
0.038	0.222	0.15	<2	17	371	0.02	<1	6	<10	163	<10	13	4
0.09	0.205	0.32	<2	20	356	0.18	<1	<2	<10	187	<10	16	9
0.234	0.038	6.77	2	14	105	0.09	5	4	<10	149	<10	6	70
0.064	0.042	0.35	4	29	128	0.19	<1	2	<10	503	<10	9	14
0.03	0.02	0.19	2	39	128	0.07	<1	4	<10	321	<10	6	4
0.055	0.02	0.08	2	39	117	0.04	<1	<2	<10	224	<10	5	3
0.033	0.018	0.05	4	39	98	0.06	1	<2	<10	208	<10	6	3
0.06	0.019	0.05	<2	37	72	0.08	4	<2	<10	212	<10	7	5
0.04	0.022	0.1	3	37	89	0.02	2	3	<10	212	<10	4	4

0.069	0.02	0.18	2	41	77	0.02	<1	<2	<10	291	<10	4	4
0.044	0.02	0.09	<2	44	54	0.05	<1	4	<10	244	<10	5	6
0.311	0.044	0.49	<2	3	91	0.04	1	<2	<10	26	<10	4	36
0.329	0.058	0.66	<2	4	115	0.05	2	<2	<10	32	<10	4	47
0.277	0.061	0.94	<2	8	149	0.08	<1	<2	<10	70	<10	5	54
0.071	0.02	0.33	2	39	191	0.08	<1	<2	<10	236	<10	6	12
0.174	0.04	0.56	<2	13	127	0.07	<1	<2	<10	96	<10	5	32
0.046	0.016	0.25	<2	29	169	0.07	<1	4	<10	177	<10	6	7
0.063	0.022	0.39	3	37	133	0.05	<1	2	<10	217	<10	6	5

0.061	0.022	0.24	4	41	115	0.09	1	<2	<10	338	<10	8	6
0.232	0.048	0.79	<2	3	121	0.03	<1	<2	<10	22	<10	4	19
0.153	0.086	1.71	<2	24	159	0.3	8	<2	<10	229	<10	10	44
0.092	0.045	0.5	4	18	168	0.26	1	2	<10	220	<10	9	19
0.069	0.059	0.61	3	23	128	0.21	2	<2	<10	273	19	8	18
0.053	0.043	0.79	5	21	133	0.15	<1	<2	<10	240	<10	7	11
0.114	0.091	0.47	<2	3	91	0.01	<1	<2	<10	28	<10	8	4
0.039	0.031	6.23	4	6	35	0.01	<1	<2	<10	60	12	6	75
0.194	0.055	0.44	<2	3	119	<0.01	<1	<2	<10	11	<10	4	11

0.209	0.061	0.82	<2	3	96	<0.01	2	<2	<10	18	<10	6	17
0.049	0.068	2.17	<2	10	84	0.01	<1	<2	<10	92	<10	7	40
0.027	0.124	1.63	2	11	242	0.01	<1	2	<10	93	<10	10	8
0.037	0.029	4.27	4	6	18	<0.01	<1	<2	<10	51	<10	6	59
0.032	0.041	3.58	4	5	18	<0.01	<1	<2	<10	54	<10	5	42
0.046	0.051	0.62	4	24	109	0.14	<1	<2	<10	258	<10	9	8
0.052	0.047	0.42	3	25	82	0.15	<1	3	<10	284	<10	8	7
0.029	0.052	0.64	3	26	72	0.16	<1	<2	<10	280	<10	7	10
0.018	0.037	0.09	2	21	74	0.15	2	4	<10	241	<10	5	6
0.026	0.051	1.5	5	15	35	0.12	<1	<2	<10	188	<10	5	18
0.027	0.039	0.15	3	25	84	0.17	<1	<2	<10	293	<10	5	6

0.028	0.039	0.26	<2	27	90	0.14	<1	<2	<10	382	<10	7	9
0.028	0.154	0.71	3	18	266	0.03	3	3	<10	173	<10	12	11
0.047	0.11	0.77	<2	15	338	0.1	3	<2	<10	133	<10	9	33
0.085	0.024	1.47	<2	16	247	0.18	4	3	<10	145	<10	7	27
0.077	0.024	1.04	<2	4	115	0.02	<1	<2	<10	16	<10	4	10
0.103	0.072	1.46	3	16	242	0.05	<1	<2	<10	165	<10	9	17
0.106	0.048	2.14	3	20	272	0.02	<1	<2	<10	175	<10	9	17
0.04	0.205	0.22	3	21	390	0.01	<1	3	<10	188	<10	15	4
0.031	0.124	0.13	4	22	370	0.01	<1	<2	<10	141	<10	12	4
0.034	0.138	0.16	4	24	468	0.07	<1	<2	<10	169	<10	11	10

0.027	0.107	0.05	6	23	489	0.06	<1	<2	<10	146	<10	9	21
0.017	0.106	0.03	8	22	385	0.01	<1	<2	<10	152	<10	9	13
0.025	0.149	0.06	5	23	389	0.04	7	2	<10	163	<10	13	8
0.035	0.261	0.05	5	20	466	0.08	3	<2	<10	147	<10	15	7
0.073	0.147	0.5	2	24	78	0.13	<1	<2	<10	245	<10	11	21
0.087	0.037	0.73	5	31	55	0.12	4	3	<10	245	<10	8	8
0.107	0.049	0.68	5	6	63	0.15	<1	<2	<10	83	14	14	12
0.108	0.055	0.06	<2	6	56	0.17	2	<2	<10	72	<10	10	15
0.07	0.025	0.07	4	32	32	0.28	<1	<2	<10	240	<10	15	5
0.078	0.038	0.08	5	38	36	0.23	<1	<2	<10	274	<10	14	9
0.05	0.024	0.11	4	28	80	0.27	3	<2	<10	199	<10	11	14
0.042	0.06	0.09	3	25	67	0.32	7	<2	<10	210	<10	13	28
0.082	0.084	0.39	4	28	115	0.36	3	<2	<10	226	<10	14	48

0.043	0.113	0.02	3	5	120	0.23	<1	<2	<10	94	<10	10	32
0.08	0.024	0.06	<2	25	56	0.42	4	<2	<10	219	<10	12	5
0.054	0.02	0.28	4	26	178	0.01	<1	4	<10	134	<10	5	6
0.038	0.021	0.5	<2	22	165	0.01	<1	<2	<10	201	<10	4	8
0.206	0.074	0.94	<2	5	59	0.02	4	<2	<10	50	<10	7	4
0.097	0.08	3.76	3	13	103	0.14	7	4	<10	132	<10	7	43
0.053	0.037	0.38	6	19	182	0.17	<1	<2	<10	222	<10	7	6
0.072	0.035	0.46	2	24	224	0.12	1	<2	<10	226	85	8	6
0.049	0.047	0.4	4	22	200	0.11	<1	<2	<10	212	<10	8	11
0.05	0.032	0.14	2	22	178	0.13	<1	<2	<10	242	<10	7	4
0.066	0.038	0.12	3	22	150	0.13	<1	<2	<10	250	<10	7	7

0.049	0.034	0.54	4	19	214	0.13	<1	<2	<10	202	<10	8	8
0.04	0.066	3.03	<2	6	122	0.02	7	<2	<10	52	<10	7	12
0.038	0.027	5.67	3	6	39	0.01	4	<2	<10	53	<10	6	62
0.038	0.037	4.67	4	5	53	0.01	3	3	<10	45	<10	7	61
0.099	0.057	0.6	<2	7	123	0.07	7	<2	<10	60	<10	9	11
0.151	0.063	0.24	<2	10	126	0.12	<1	3	<10	89	<10	8	12
0.108	0.061	0.28	<2	8	127	0.08	2	3	<10	66	<10	8	11
0.036	0.049	4.65	5	4	44	<0.01	3	<2	<10	36	<10	5	58
0.041	0.058	1.3	<2	5	72	0.02	<1	<2	<10	45	<10	7	6
0.036	0.045	3.03	2	6	30	0.01	4	<2	<10	53	<10	6	45
0.029	0.031	1.42	3	12	70	0.07	4	<2	<10	142	<10	7	26
0.052	0.042	0.2	3	24	112	0.17	<1	<2	<10	332	<10	6	7
0.071	0.032	0.16	3	27	98	0.18	<1	<2	<10	314	<10	6	5

0.067	0.036	0.47	3	36	112	0.27	<1	<2	<10	575	<10	7	8
0.084	0.05	1.04	5	26	136	0.25	<1	2	<10	413	<10	8	20
0.064	0.039	0.2	3	32	129	0.29	5	<2	<10	534	<10	8	10
0.115	0.041	1.73	3	26	169	0.29	<1	<2	<10	375	<10	5	17
0.091	0.035	0.27	<2	24	112	0.23	2	<2	<10	262	<10	5	12
0.112	0.039	0.7	5	19	169	0.27	<1	<2	<10	209	<10	5	16
0.097	0.041	0.19	2	21	133	0.22	<1	<2	<10	233	<10	6	12
0.196	0.059	2.75	3	15	152	0.21	1	<2	<10	147	<10	7	56
0.069	0.069	0.24	3	16	189	0.1	7	<2	<10	136	<10	5	18
0.2	0.078	1.4	<2	15	249	0.15	2	5	<10	112	<10	8	35
0.142	0.047	1.43	2	22	186	0.31	5	<2	<10	225	<10	6	38
0.123	0.042	1.94	<2	20	225	0.29	8	<2	<10	191	<10	7	35
0.141	0.047	1.37	3	21	204	0.32	6	3	<10	221	<10	7	30
0.129	0.054	1.21	4	23	152	0.32	<1	<2	<10	266	<10	5	28

0.115	0.041	1.55	4	21	197	0.26	2	3	<10	240	<10	5	23
0.166	0.05	3.19	<2	16	252	0.12	4	3	<10	101	<10	6	27
0.158	0.055	2.44	<2	15	265	0.11	6	<2	<10	91	<10	7	26
0.116	0.06	0.06	<2	7	62	0.19	<1	2	<10	80	<10	11	14
0.11	0.052	0.72	6	7	68	0.17	4	<2	<10	91	15	15	11
0.09	0.051	0.94	2	25	160	0.27	<1	<2	<10	277	<10	4	34
0.149	0.129	1.26	<2	16	218	0.17	5	<2	<10	168	<10	9	11
0.179	0.04	4.92	3	13	152	0.13	3	<2	<10	115	<10	6	62
0.154	0.059	5.23	5	20	82	0.19	9	2	<10	170	<10	7	77
0.168	0.143	3.42	<2	13	197	0.09	2	<2	<10	94	<10	10	12
0.157	0.181	0.59	<2	13	212	0.11	2	<2	<10	127	<10	12	6
0.124	0.143	1.25	2	15	210	0.15	1	<2	<10	149	<10	11	9
0.162	0.176	1.49	<2	20	250	0.22	1	5	<10	214	<10	13	11
0.074	0.086	0.75	<2	5	240	0.11	<1	<2	<10	64	<10	7	23

0.071	0.139	0.21	<2	5	332	0.1	<1	<2	<10	55	<10	11	11
0.057	0.142	0.31	<2	11	573	0.11	<1	<2	<10	86	<10	14	8
0.057	0.132	0.37	<2	12	543	0.12	<1	3	<10	102	<10	13	9
0.05	0.161	0.53	<2	7	396	0.03	6	<2	<10	55	<10	18	4
0.059	0.102	1.13	<2	5	391	<0.01	3	<2	<10	15	<10	11	5
0.064	0.057	1.87	<2	11	271	0.04	4	<2	<10	105	<10	8	25
0.073	0.058	0.99	<2	9	178	0.08	6	<2	<10	83	<10	5	28
0.045	0.057	1.01	<2	7	278	0.1	2	<2	<10	72	<10	6	27
0.055	0.083	0.79	3	5	265	<0.01	<1	3	<10	68	<10	8	6
0.053	0.073	1.03	<2	6	304	<0.01	5	<2	<10	79	<10	7	4
0.043	0.065	0.66	<2	7	352	0.03	<1	3	<10	92	<10	7	12

0.087	0.073	0.36	<2	4	145	0.03	4	<2	<10	49	<10	5	19
0.111	0.05	0.69	7	6	66	0.16	3	<2	<10	88	14	15	10
0.117	0.06	0.06	<2	7	63	0.19	<1	<2	<10	80	<10	12	14
0.108	0.083	0.54	<2	5	177	0.03	<1	<2	<10	35	<10	7	43
0.104	0.084	1.33	<2	8	184	0.07	<1	<2	<10	47	<10	7	42
0.111	0.078	0.43	<2	9	279	0.05	<1	<2	<10	41	<10	9	70
0.092	0.066	0.68	<2	4	119	<0.01	5	<2	11	21	<10	7	35
0.093	0.055	0.69	<2	1	51	<0.01	3	<2	<10	6	<10	4	21
0.148	0.056	0.92	<2	2	63	<0.01	<1	<2	<10	10	<10	3	31
0.121	0.048	0.67	2	1	43	<0.01	1	<2	<10	7	<10	3	29
0.102	0.043	0.54	<2	1	44	<0.01	2	<2	<10	6	<10	3	20
0.12	0.081	0.66	<2	4	120	<0.01	<1	<2	<10	33	<10	6	29

0.144	0.073	0.4	<2	3	128	0.01	<1	<2	<10	28	<10	5	36
0.079	0.072	0.24	2	4	163	<0.01	<1	<2	<10	22	<10	6	25
0.074	0.077	0.28	<2	6	79	<0.01	<1	2	<10	8	<10	7	18
0.098	0.067	0.23	<2	5	186	0.01	<1	<2	<10	24	<10	9	23
0.062	0.044	0.06	<2	<1	32	<0.01	<1	<2	<10	5	<10	3	15
0.035	0.048	1	3	14	211	0.18	7	<2	<10	131	<10	9	21
0.043	0.054	1.09	3	10	189	0.11	<1	<2	<10	98	<10	6	32
0.056	0.071	0.76	2	2	112	0.05	1	3	<10	27	<10	6	32
0.038	0.074	1.09	4	10	63	0.1	<1	<2	<10	113	<10	7	19
0.063	0.071	0.66	3	6	45	0.01	2	2	<10	30	<10	6	25
0.066	0.05	0.5	<2	3	37	<0.01	<1	<2	<10	13	<10	4	14
0.047	0.074	1.1	4	12	116	0.12	2	3	<10	124	<10	7	34
0.031	0.143	0.1	5	22	343	0.05	<1	<2	<10	193	<10	14	20

0.077	0.079	0.82	3	10	131	0.07	<1	<2	<10	93	<10	8	41
0.049	0.122	0.91	5	14	237	0.11	<1	<2	<10	166	<10	10	30
0.033	0.211	0.2	5	14	433	0.07	<1	<2	<10	139	<10	15	8
0.057	0.054	0.29	<2	7	121	0.04	3	<2	<10	33	<10	6	28
0.115	0.069	0.61	<2	3	67	0.02	<1	3	<10	14	<10	5	36
0.126	0.069	0.52	<2	3	64	0.03	<1	<2	<10	16	<10	5	46
0.039	0.062	0.47	3	22	157	0.18	<1	<2	<10	216	<10	8	19
0.104	0.045	0.63	4	6	60	0.14	2	<2	<10	80	13	13	9
0.114	0.054	0.06	<2	6	58	0.17	<1	<2	<10	73	<10	10	13
0.045	0.018	0.21	<2	11	131	<0.01	<1	<2	<10	49	<10	4	4
0.047	0.014	0.17	2	16	131	0.01	<1	<2	<10	98	<10	3	5
0.037	0.017	0.27	4	12	110	<0.01	<1	<2	<10	104	<10	4	7
0.032	0.032	0.28	3	13	139	0.06	<1	<2	<10	113	<10	6	10
0.041	0.03	0.26	4	20	168	0.17	<1	<2	<10	183	<10	6	17
0.07	0.019	0.28	<2	11	70	0.11	2	3	<10	91	<10	3	11

0.039	0.015	0.18	4	18	201	0.12	<1	<2	<10	114	<10	4	8
0.039	0.017	0.19	6	20	215	0.11	<1	<2	<10	114	<10	4	7
0.03	0.017	0.34	3	11	228	0.02	<1	<2	<10	45	<10	5	6
0.03	0.02	0.32	4	15	212	0.01	<1	2	<10	85	<10	8	10
0.03	0.022	0.06	<2	2	11	<0.01	<1	<2	<10	19	<10	2	10
0.029	0.272	0.09	3	13	529	0.02	<1	<2	<10	134	<10	16	4
0.037	0.263	0.11	4	14	371	0.04	<1	<2	<10	143	<10	15	8
0.055	0.148	0.52	3	11	57	<0.01	<1	<2	<10	109	<10	8	7
0.02	0.045	4.08	4	2	8	<0.01	12	<2	<10	29	<10	5	49
0.025	0.049	3.46	3	4	11	<0.01	<1	<2	<10	40	<10	5	46
0.019	0.045	4.46	5	2	7	<0.01	<1	<2	<10	27	<10	5	48
0.043	0.084	0.1	2	19	156	0.17	<1	<2	<10	158	<10	9	23
0.026	0.081	0.04	<2	18	153	0.12	4	<2	<10	154	<10	7	22
0.111	0.053	0.06	2	6	55	0.17	<1	<2	<10	71	<10	10	13
0.097	0.071	0.79	3	12	218	0.16	<1	<2	<10	92	<10	9	46

0.126	0.036	2.09	<2	12	91	0.24	5	2	<10	131	<10	7	93
0.132	0.068	2.8	<2	14	243	0.17	5	<2	<10	86	12	7	36
0.131	0.041	3.42	2	12	57	0.17	<1	3	<10	114	<10	6	46
0.095	0.051	0.76	20	6	63	0.16	3	<2	<10	80	<10	10	15
0.15	0.03	3.64	3	16	66	0.26	<1	<2	<10	143	<10	5	51
0.148	0.064	2.3	<2	18	381	0.23	<1	<2	<10	142	<10	10	44
0.185	0.127	2.18	2	14	281	0.17	7	<2	<10	117	<10	11	69
0.062	0.119	1.36	3	22	378	0.23	<1	<2	<10	221	<10	11	47
0.037	0.138	2.05	4	19	398	0.09	<1	<2	<10	188	<10	11	29
0.027	0.038	0.1	3	22	81	0.48	<1	6	<10	237	<10	16	8
0.03	0.043	0.12	3	23	89	0.41	5	<2	<10	244	<10	17	8
0.028	0.047	0.22	3	21	202	0.16	<1	<2	<10	227	<10	11	12

0.053	0.105	0.52	<2	19	392	0.27	<1	<2	<10	213	<10	8	40
0.04	0.066	0.45	2	22	544	0.18	5	<2	<10	234	<10	7	38
0.087	0.029	0.79	2	21	305	0.13	2	<2	<10	248	<10	5	21
0.102	0.03	0.62	4	24	198	0.19	3	<2	<10	287	<10	5	23
0.096	0.028	0.59	<2	24	174	0.17	3	<2	<10	263	<10	5	20
0.065	0.04	0.52	3	21	132	0.17	<1	<2	<10	245	<10	10	18
0.083	0.048	0.97	4	26	121	0.26	<1	<2	<10	300	<10	8	33
0.085	0.04	3.64	<2	12	73	0.09	5	<2	<10	97	<10	7	58
0.066	0.033	0.76	<2	32	169	0.22	<1	<2	<10	191	<10	6	28
0.061	0.021	0.34	<2	36	236	0.26	4	5	<10	222	<10	6	14
0.072	0.028	1.27	3	35	268	0.18	5	<2	<10	400	<10	5	20

0.276	0.071	0.59	<2	4	77	0.05	<1	<2	<10	26	<10	5	75
0.197	0.035	0.49	<2	3	58	0.03	<1	<2	<10	12	<10	3	35
0.098	0.007	0.74	<2	28	219	0.13	<1	<2	<10	126	<10	4	10
0.079	0.003	0.59	3	19	189	0.11	<1	<2	<10	77	<10	4	7
0.082	0.05	0.74	18	5	58	0.15	<1	<2	<10	75	<10	9	21
0.107	0.054	0.06	<2	6	53	0.16	<1	<2	<10	71	<10	10	19
0.061	0.003	0.36	3	24	213	0.11	<1	<2	<10	104	<10	5	7
0.071	0.008	0.69	2	21	147	0.1	<1	<2	<10	74	<10	5	9
0.112	0.145	0.14	<2	15	225	0.33	1	<2	<10	153	<10	9	37
0.122	0.148	0.08	3	14	232	0.28	<1	<2	<10	154	<10	8	25

0.078	0.158	0.29	4	12	214	0.13	1	<2	<10	113	<10	7	12
0.035	0.005	0.05	<2	2	68	<0.01	<1	<2	<10	8	<10	2	2
0.075	0.169	0.13	3	12	235	0.17	3	<2	<10	126	<10	7	8
0.086	0.125	0.09	<2	12	255	0.22	3	<2	<10	127	<10	7	35
0.087	0.149	0.19	2	12	256	0.21	4	<2	<10	133	<10	8	16
0.106	0.134	0.14	<2	13	228	0.28	6	<2	<10	142	<10	8	32
0.088	0.023	0.45	2	27	241	0.15	5	<2	<10	115	<10	6	26
0.099	0.018	0.3	5	37	246	0.25	3	<2	<10	198	<10	6	14
0.104	0.018	0.37	<2	38	253	0.25	<1	<2	<10	202	<10	6	13

0.112	0.021	0.42	3	35	197	0.21	<1	<2	<10	198	<10	5	13
0.117	0.026	0.45	<2	34	182	0.23	<1	<2	<10	196	<10	6	21
0.099	0.057	0.85	21	6	67	0.17	<1	<2	<10	86	<10	10	23
0.121	0.057	0.06	3	6	58	0.17	<1	<2	<10	75	<10	10	19
0.114	0.017	0.24	4	38	172	0.25	3	<2	<10	201	<10	5	15
0.105	0.02	0.29	4	26	129	0.13	<1	<2	<10	150	<10	6	14
0.084	0.021	0.37	3	29	181	0.18	<1	<2	<10	180	<10	6	15
0.07	0.011	0.35	2	23	241	0.14	11	<2	<10	111	<10	4	20
0.08	0.017	0.44	2	24	233	0.14	<1	<2	<10	148	<10	4	18
0.064	0.019	0.45	4	21	228	0.03	5	<2	<10	115	<10	5	15

0.073	0.019	0.47	3	19	218	0.09	<1	<2	<10	118	<10	5	16
0.075	0.02	0.66	2	23	205	0.09	4	<2	<10	124	<10	5	17
0.093	0.043	0.9	<2	30	199	0.21	3	<2	<10	203	<10	5	44
0.03	0.087	0.06	6	21	427	0.21	<1	4	<10	127	<10	9	82
0.161	0.055	0.72	<2	4	71	0.02	<1	<2	<10	24	<10	5	40
0.039	0.023	0.55	3	25	120	0.04	<1	<2	<10	176	<10	11	15
0.038	0.024	0.58	<2	26	102	0.01	10	<2	<10	166	<10	15	11
0.037	0.027	0.58	3	41	74	0.06	3	<2	<10	439	<10	14	8
0.071	0.046	0.17	4	24	126	0.35	<1	<2	<10	271	<10	13	18
0.076	0.045	0.22	4	23	135	0.33	<1	<2	<10	251	<10	10	18

0.084	0.039	0.51	5	23	197	0.43	16	<2	<10	253	<10	7	32
0.069	0.044	0.17	<2	25	119	0.29	13	<2	<10	269	<10	7	14
0.086	0.041	0.54	<2	24	156	0.46	2	<2	<10	277	<10	7	25
0.105	0.044	2.49	3	18	127	0.23	<1	<2	<10	193	<10	7	67
0.062	0.043	5.77	3	8	112	0.1	<1	<2	<10	79	<10	8	137
0.031	0.032	7.42	3	4	78	0.04	2	<2	<10	35	<10	7	145
0.112	0.062	1.31	3	18	166	0.29	<1	<2	<10	164	<10	8	97
0.188	0.062	2.15	<2	16	175	0.28	2	3	<10	118	<10	7	67
0.133	0.028	3.91	<2	8	74	0.1	<1	<2	<10	43	<10	4	84
0.085	0.044	6.63	<2	6	109	0.08	3	<2	<10	47	<10	7	129

0.219	0.02	0.14	<2	<1	127	0.03	<1	<2	<10	7	<10	3	126
0.036	0.018	8.68	6	4	50	0.04	5	3	<10	39	<10	4	120
0.029	0.01	8.53	4	3	75	0.04	<1	3	<10	26	<10	3	78
0.042	0.033	6.68	3	4	64	0.06	14	<2	<10	44	<10	6	134
0.047	0.063	1.85	<2	5	224	0.12	<1	<2	<10	52	<10	9	133
0.03	0.053	1.64	3	4	159	0.09	<1	<2	<10	36	<10	8	122
0.075	0.049	4.34	4	5	100	0.1	2	<2	<10	45	<10	7	136
0.104	0.056	1.76	2	9	164	0.22	<1	3	<10	85	<10	8	145
0.286	0.033	0.16	<2	1	111	0.02	<1	<2	<10	12	<10	4	79
0.302	0.034	0.19	<2	2	107	0.03	<1	<2	<10	15	<10	4	101
0.095	0.051	0.81	21	6	63	0.16	<1	<2	<10	82	<10	10	30
0.024	0.033	0.27	2	21	91	0.38	5	<2	<10	220	<10	11	8

0.027	0.039	0.11	4	24	92	0.43	8	<2	<10	253	<10	15	10
0.038	0.038	0.22	6	24	118	0.29	4	<2	<10	262	<10	13	16
0.089	0.048	0.58	3	25	221	0.42	<1	<2	<10	340	<10	8	57
0.108	0.07	3.08	3	18	137	0.23	<1	<2	<10	181	<10	8	113
0.06	0.067	7.59	4	12	72	0.11	10	<2	<10	100	<10	7	158
0.069	0.059	5.54	2	11	121	0.16	14	<2	<10	90	<10	8	94
0.11	0.021	0.09	<2	<1	77	0.03	<1	<2	<10	6	<10	3	121
0.035	0.039	0.28	6	21	188	0.23	<1	3	<10	244	<10	7	19
0.067	0.037	0.49	3	19	184	0.41	2	<2	<10	232	<10	7	45
0.032	0.041	0.19	3	21	124	0.32	<1	<2	<10	234	<10	12	20
0.043	0.044	0.51	4	28	132	0.6	4	4	<10	397	<10	17	23

0.026	0.045	0.22	4	28	85	0.7	<1	4	<10	435	<10	18	18
0.046	0.05	0.47	5	29	127	0.75	2	<2	<10	525	<10	17	30
0.068	0.042	0.13	3	10	84	0.56	5	<2	<10	182	<10	12	9
0.044	0.038	0.24	3	18	92	0.58	3	<2	<10	359	<10	13	11
0.034	0.037	0.36	3	28	123	0.51	<1	<2	<10	348	<10	13	18
0.031	0.038	0.19	3	18	105	0.5	<1	3	<10	235	<10	16	15
0.142	0.021	0.12	<2	2	230	0.07	<1	<2	<10	16	<10	4	133
0.025	0.065	0.37	4	17	132	0.14	5	5	<10	267	<10	10	32
0.058	0.08	0.6	2	20	130	0.3	<1	<2	<10	195	<10	9	50
0.058	0.081	1.66	3	10	105	0.21	6	<2	<10	85	<10	8	75
0.042	0.025	4.6	<2	4	54	0.08	4	<2	<10	43	<10	6	120

0.067	0.041	2.63	2	9	117	0.13	<1	<2	<10	60	<10	7	92
0.091	0.069	0.96	<2	3	84	0.07	2	<2	<10	29	<10	5	66
0.12	0.065	0.83	<2	3	59	0.05	<1	<2	<10	21	<10	4	64
0.127	0.059	1.22	<2	5	56	0.09	<1	<2	<10	33	<10	5	75
0.122	0.057	0.63	<2	3	37	0.04	<1	<2	<10	15	<10	6	44
0.044	0.018	1.48	<2	26	142	0.25	5	<2	<10	109	<10	10	40
0.122	0.062	1.49	<2	7	72	0.1	6	<2	<10	35	<10	6	65
0.068	0.044	2.25	<2	15	120	0.19	2	<2	<10	83	<10	8	59
0.024	0.168	0.11	<2	13	312	0.18	1	<2	<10	149	<10	10	20
0.028	0.022	0.1	3	33	82	0.3	3	<2	<10	228	<10	12	9
0.023	0.026	0.17	4	28	76	0.25	<1	<2	<10	205	<10	10	11
0.076	0.051	1	148	5	91	0.05	2	2	<10	58	<10	8	18
0.111	0.052	0.05	<2	6	55	0.15	3	<2	<10	66	40	10	24

0.023	0.024	0.19	3	26	85	0.26	2	<2	<10	194	<10	10	12
0.045	0.045	0.31	<2	23	191	0.32	<1	<2	<10	250	<10	6	18
0.089	0.036	1.62	2	16	223	0.2	14	<2	<10	143	<10	4	30
0.026	0.046	0.25	4	23	204	0.25	<1	<2	<10	251	<10	6	19
0.06	0.054	0.68	3	23	225	0.41	<1	<2	<10	227	<10	7	54
0.133	0.06	0.58	<2	18	227	0.21	12	<2	<10	153	<10	6	66
0.05	0.072	0.17	3	19	159	0.17	<1	<2	<10	153	<10	7	47
0.037	0.068	0.33	4	12	135	0.08	8	<2	<10	109	<10	8	38
0.025	0.023	4.35	4	2	13	<0.01	<1	<2	<10	18	<10	5	86
0.021	0.044	6.7	4	3	15	<0.01	3	<2	<10	30	<10	6	123
0.034	0.098	0.49	4	12	167	0.06	<1	3	<10	119	<10	9	24
0.035	0.094	0.21	4	18	198	0.14	<1	<2	<10	161	<10	8	27

0.045	0.101	0.22	3	17	188	0.17	<1	<2	<10	162	<10	9	34
0.049	0.086	0.19	4	13	164	0.1	2	<2	<10	121	<10	8	22
0.049	0.029	0.84	3	10	170	0.09	2	<2	<10	144	<10	6	22
0.044	0.035	0.41	5	14	183	0.11	3	<2	<10	193	<10	6	17
0.041	0.035	0.59	5	16	195	0.14	2	<2	<10	301	<10	5	28
0.071	0.036	0.72	6	23	194	0.2	<1	<2	<10	351	<10	5	25
0.078	0.057	1.15	183	5	103	0.06	<1	<2	<10	66	<10	9	20
0.072	0.039	0.81	2	31	194	0.24	<1	<2	<10	519	<10	5	26
0.069	0.046	0.69	2	29	190	0.23	<1	<2	<10	502	<10	5	40
0.048	0.106	0.5	4	28	281	0.28	<1	7	<10	300	<10	11	55

0.089	0.102	1.22	4	19	244	0.15	6	<2	<10	177	<10	9	58
0.078	0.058	1.95	5	20	116	0.26	17	<2	<10	181	<10	6	66
0.072	0.059	1.86	<2	20	167	0.23	<1	<2	<10	184	<10	7	60
0.056	0.039	0.72	4	26	158	0.19	<1	<2	<10	421	<10	4	22
0.064	0.032	0.96	3	20	193	0.08	<1	<2	<10	334	<10	4	24
0.051	0.038	0.64	<2	17	192	0.16	<1	<2	<10	441	<10	5	28
0.071	0.048	0.39	3	13	231	0.14	<1	<2	<10	222	<10	7	63
0.107	0.063	0.21	3	12	285	0.19	<1	<2	<10	111	<10	8	71
0.089	0.053	0.25	<2	10	273	0.14	7	<2	<10	84	<10	8	52

0.04	0.046	0.55	5	11	172	0.09	<1	<2	<10	238	<10	6	31
0.057	0.085	0.43	3	13	113	0.09	<1	<2	<10	239	<10	10	39
0.061	0.062	2.39	3	16	149	0.11	5	2	<10	149	<10	8	74
0.068	0.04	5.04	<2	8	126	0.06	<1	<2	<10	40	<10	7	94
0.045	0.026	5.71	3	10	83	0.1	6	<2	<10	101	<10	6	90
0.023	0.03	0.14	4	30	124	0.06	<1	<2	<10	261	<10	6	10
0.022	0.031	0.18	3	33	116	0.07	<1	<2	<10	256	<10	8	8
0.118	0.058	0.06	<2	7	65	0.17	<1	<2	<10	75	46	11	27

2010 Prospecting and Trench Grab Sample Descriptions

Sample #	Date	Sampler	UTM East (NAD 83)	UTM North (Nad 83)	Elevation	Zone/Area	Rock Type Code	Description	Au (ppb)	Au (g/t)
G30123	Jun12-10	TH	447698	5536218		Centurion Zone	4g	strongly sheared, str banded or sheared controlled ser alt, mod silicified, chl alt, 0.5-1% py	64	
G30124		TH	447709	5536218		Centurion Zone	4g	str sheared, 60% qcs, a 5cm wide qcv in sample, strong banded or shear controlled ser alt, mod chl alt, 20% banded biotite alt,lots of muskovite, tr py	30	
G30125		TH	447706	5536210		Centurion Zone	1a	str silicified mafic/vol, str chl alt, str carb alt, mod ser alt, 10% fg-mg diss py, wk-mod shear	82	
G30126		TH	447705	5536206		Centurion Zone	sh	biotite schist, str carb alt, mod-str shear, mod silicified, 5cm section of silica flooding with wk chl-ser alt, tr py	7	
G30127		TH	447699	5536205		Centurion Zone	4g	str shearing, str biotite alt, str carb, wk chl alt, mod silicified, str muskovite alt, wk ser alt, tr py	15	
G30128		TH	447690	5536197		Centurion Zone	QV	75cm wide qv, milky white colour, 10% seams of chl alt, tr of malachite staining, 0.5% fracture controlled cpy, str fracture qtz	8	
G30129		TH	447703	5536190		Centurion Zone	sh	biotite schist, mod-str shear, str carb alt, wkly silicified, tr py	<5	
G30130		TH	447707	5536189		Centurion Zone	QV	50% qv with 20-30% fracture filling bioite alt, milky white colour qtz, str carb alt, wk ser alt, wkly fractured qtz, tr py-po, 50% biotite schist, str shear, str carb alt, wk ser alt, tr py	53	
G30131		TH	447713	5536189		Centurion Zone	1a	40% silica flooded mafic/vol, 30-40% qcvs, str chl alt, str fracture filling biotite alt,str carb alt, 20% qv, mod ser alt, mod-str shear, 5% fg-mg diss py, majority of py in the silica flooded mafic/vol	25	
G30132	Jun 13-10	TH	447722	5536186		Centurion Zone	1a	10-20% qcv, 80% str silicified or silica flooding mafic/vol, mod to str shear, str ser-chl-carb alt, wk biotite alt, 10% fg-mg diss py	111	
G30133		TH	447732	5536184		Centurion Zone	1a	50% qcv, str silicified or silica flooded mafic/vol, 10% fracture filling biotite alt, 20% chl seams alt, str ser alt, str carb alt, mod-str shearing, 10% fg-mg diss py	29	
G30134		TH	447732	5536182		Centurion Zone	1a	50-60% qcv, strongly silicified or silica flooded mafic/vol, 20% fracture filling biotite alt, str carb alt, wk ser alt, mod shear, tr py	<5	
G30135		TH	447735	5536182		Centurion Zone	1a	30% qtz-veining/stockwork, 30-40% fracture filling biotite alt, str silicified, str carb alt, mod-str shearing, wk ser alt, 0.5-1% fg-mg diss py, tr po	11	
G30136		TH	447739	5536215		Centurion Zone	1a	silica flooded , mod chl alt, mod biotite alt, wk-mod hemetite, 30-40% fg-mg diss py,, wk ser alt	969	
G30137		TH	447769	5536186		Centurion Zone	9g	str silicified or silica flooded, nod shear, pillowd brecchia, str carb alt, mod ser alt, wk biotite alt, 2-3% very fg diss py, brownish orangish colour, str magnetite alt	818	

G30138		TH	447771	5536184	Centurion Zone	9g	str silicified, 20-30% qtz flooding/qcv, str carb alt, brownish orangish colour, wk ser alt, 0.5%-1% scattered mg py, mod sheared, mod magnetite alt	6
G30139		TH	447772	5536182	Centurion Zone	9g	strongly silicified, dark brown to orangish colour, str carb alt, mod-str banded or sheared controlled ser alt, wk chl alt, mod-str shearing, mod magnetite alt, 0.5%-1% very fg diss py	69
G30140		TH	447774	5536175	Centurion Zone	9g	40-50% qcv with malachite staining, wk-mod ser alt, milky white colour qtz, 5% py, 1% cpy, 50% strongly silicified felsite, str magnetite alt, str carb alt, str banded or sheared controlled ser alt, mod shearing, 3% very fg diss py, 1 POSSIBLE SPEC OF VG ON TARNISHED PY IN QV?	251
G30141		TH	447774	5536172	Centurion Zone	9g	50-60% QCV, strongly silicified or silica flooding, pinkish orange grey colour, str carb alt, mod magnetite alt, mod mod shearing, wk-mod ser alt, 2-3% fg-mg diss py	29
G30142		TH	447780	5536178	Centurion Zone	9g	str silicified , mod mag alt, str carb, wk chl alt, mod shearing, 0.5% fg diss py	47
G30143		TH	447783	5536179	Centurion Zone	9g	strongly sheared, str carb alt, mod magnetite alt, mod-str ser alt, 0.5-1% fg-mg diss py, str silicified, brownish orange colour	51
G30144		TH	447782	5536182	Centurion Zone	9g	mod sheared, str carb alt, 20-30% qcv, 10% chl seams alt, mod magnettite alt, wk-mod ser alt, 0.5-1% fg-mg diss py, strongly silicified, brownish orangish colour	20
G30145	Jun 14-10	TH	447785	5536176	Centurion Zone	9g	strongly silicified, str carb alt, 10% qcv, 2% fracture controlled stringer of magnetite + mag disseminated through-out the rock, mod shearing, 5% fg-mg diss py, mod ser alt, orangish brownish colour	6
G30146		TH	447788	5536179	Centurion Zone	9g	20-30% qcv, strongly silicified, mod banded or sheared controlled ser alt, wk mag alt, wk chl alt, str carb alt, wk-mod shear, orangisih brownish colour, 5% fg-mg diss py	5
G30147		TH	447788	5536176	Centurion Zone	9g	30% qcv, strongly silicified, mod mag alt, str carb, wk shearing, wk-mod ser alt, orange brownish colour, 10% fg-mg diss py	6
G30148		TH	447788	5536173	Centurion Zone	9g	40-50% qcv, strongly silicified, str carb alt, wk-mod fracture filling ser alt, orange brownish colour, 10% fg-mg diss py, more silica than feldspar, no magnetite	45
G30149		TH	447793	5536173	Centurion Zone	9g	40-50% qcv, strongly silicified, str fracture filling ser alt, mod mag alt, wk chl alt, str carb alt, orange brownish colour, 10% fg-mg diss py, most sulphides near contact of qcv	14
G30150		TH	447795	5536171	Centurion Zone	9g	40% qv, white greenish colour qtz, 1% scattered py through-out qtz, 60% strongly silicified or silica flooded felsite, orange brownish colour, wk-mod mag, mod carb alt, str fracture filling ser alt, 10-15% fg-mg diss py	18

2010 Prospecting and Trench Grab Sample Descriptions

G30151		TH	447794	5536177	Centurion Zone	9g	mod silicified, 50-60% banded or sheared controlled magnetite alt, mod-str shear, mod carb-ser alt, 2-3% fg diss py	477	
G30152		TH	447797	5536175	Centurion Zone	9g	str silicified, str mag alt, wk-mod carb alt, light tan to brownish colour, mod-str shearing, wk ser alt, 5% very fg diss py	1520	
G30153		TH	447800	5536176	Centurion Zone	9g	5% qv, str carb alt, wk mag alt, str chl-ser alt, strongly silicified, orange to brownish colour, wk shear, 5% fg diss py	6	
G30154		TH	447802	5536174	Centurion Zone	9g	strongly silicified, strong shear, wk carb., mod magnetite alt, str chl alt,, all the alteration is banded or sheared controlled, 15-20% fg diss py	651	
G30155		TH	447804	5536172	Centurion Zone	9g	10% qv, strongly silicified, orange redish colour, wk carb, wk chl-ser alr, wk mag, 5% very fg diss py	30	
G30156		TH	447804	5536175	Centurion Zone	9g	strongly silicified, mod sheared, str mag alt, mod-str chl-ser alt, str carb alt, alteration is banded or sheared controlled, mod biotite alt, 15-20% fg diss py, dark grey to orange colour	92	
G30157		TH	447804	5536178	Centurion Zone	9g	strongly silicified, str carb alt, moderately sheared controlled ser-chl alt, mod magnetite alt, mod-str shearing,orange brownish colour, 2-3% very fg diss py	26	
G30158		TH	447808	5536175	Centurion Zone	9g	strongly silicified, str carb alt, mod chl-ser sheared controlled alt, mod-str shearing, str mag, orange to brownish to pinkish colour, 20% very fg diss py	218	
G30159		TH	447755	5536158	Centurion Zone	SH	strongly silicified folding biotite schist, str carb alt, 10% qv, 3-5% fg-mg diss py	6	
G30160		TH	447755	5536158	Centurion Zone	1a	strngly silicified mafic/vol, 20-30% qcv, str carb alt, wk-mod shear, str chl alt, pillowed brecchia, 20% fracture filling biotite alt, 20% mg-cg diss py	>3000	3.65
G30161		TH	447767	5536152	Centurion Zone	1a	strongly silicified mafic/vol, mod-str shear, str carb alt, str chl alt, 20-30% fracture filling biotite alt, 20% mg-cg diss py	>3000	37.6
G30162		TH	447768	5536152	Centurion Zone	1a	strongly silicified mafic/vol, 10-20% qcv stringers, str carb alt, mod chl alt, mod shearing, 20-30% fractured controlled and diss py, very fg-mg-cg py	88	
G30163		TH	447769	55366158	Centurion Zone	1a	mod silicified mafic/vol, str carb alt, 10-20% fracture filling biotite alt, mod chl alt, wk mag, 5% py	>3000	3.89
G30164		TH	447767	5536160	Centurion Zone	4g	strongly silicified, 30% qv, white colour qtz, mod-str shear, wk ser alt, 40-50% very fg-mg-cg diss and fractured controlled py.	67	
G30165		TH			Centurion Zone		STANDARD-CDN-GS-4B	>3000	3.7
G30166		TH			Centurion Zone		BLANK	<5	
G30167	Jun 15-10	TH	447783	5536185	Centurion Zone	1a	strongly sheared mafic/vol, str chl alt, str carb. 5-10% qcv, 0.5-1% very fg py. Mod silicified	128	

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G30168		TH	447787	5536186	Centurion Zone	1a	strongly sheared mafic/vol, str chl-carb alt, 20% sheared controlled seam of ser alt, 20% qcv, 0.5-1% very fg py, mod silicified	11	
G30169		TH	447791	5536184	Centurion Zone	1a	strongly silicified mafic/vol, str chl-carb alt, 10% qcv, mod silicified, 1-2% fg-mg diss py	8	
G30170		TH	447790	5536182	Centurion Zone	1a`	strongly sheared mafic/vol, str chl-carb alt, mod silicified, 10% qcv, 1% fg-mg diss py	7	
G30171	Jun 16-10	TH	447669	5536029	Leopard Zone	4a	strongly silicified, 20% qvs, wk carb alt, mod-str ser alt, wk chl alt, wk-mod shear, 20-30% fg-mg diss py	109	
G30172		TH	447673	5536029	Leopard Zone	4a	strongly silicified, str ser alt, mod-str shear, 20-30% fg-mg diss py, wk magnetite alt	15	
G30173		TH	447672	5536030	Leopard Zone	4a	2-3cm wide qcv, str carb alt, 1% seam of chl alt, 20-30% biotite alt, mod-str shear, mod mag alt, 5% fg-mg py	1300	
G30174		TH	447672	5536032	Leopard Zone	4a	mod-str sheared, mod silicified, mod ser alt, sample is on a fold nose, 5-10% mg-cg py, 10% very fg diss po	7	
G30175	Jun 17-10	TH	447665	5536024	Leopard Zone	4a	strongly sheared, mod silicified, mod sheared controlled folding ser alt, mod magnetic associated with 5-10% very fg po, 2-3% shear/fracture controlled py stringers	460	
G30176		TH	447669	5536029	Leopard Zone	QV	5-10cm wide qv, white-rusty brown colour, very fine sugary qtz, 10% ser schist wallrock in sample, wk carb-chl alt, 10-15 mg-cg-large cubes of py	47	
G30177		TH	447669	5536029	Leopard Zone	SH	wallrock to previous sample #G30176, chl schist, wk-mod ser alt, strongly sheared, 1-2% py	<5	
G30178		TH	447687	5536028	Leopard Zone	4a	30-40% qcv, white to orangish rusty colour, str sheared controlled banded ser alt, mod-str magnetic associated with 10-15% very fg diss po, 10% mg-cg py, mod silicified	11	
G30179		TH	447687	5536028	Leopard Zone	4a	mod silicified, mod shear, mod banded/sheeared controlled ser alt, str magnetic associated with 15% fg diss po, 5% mg-cg py	16	
G30180		TH	447685	5536036	Leopard Zone	sh	strongly sheared biotite schist, str carb alt, mod-str silicified, wk ser alt, 0.5% py	19	
G30181		TH	447687	5536038	Leopard Zone	sh	str sheared ser schist, str magnetic associated with 30% fg diss po, strongly silicified, wk carb alt, 2-3% fg-mg diss py	>3000	2.95
G30182		TH	447687	5536039	Leopard Zone	SH	chl/ser schist, strongly silicified and sheared, mod magnetic associated with 20% fg diss po, 15-20% mg-cg py	314	
G30183		TH	447691	5536036	Leopard Zone	SH	biotite schist, strongly silicified, 20% qv, 10% calcite, mod hemetite alt, chl alt, 5% fg diss po, 10% fg-mg diss py	2900	
G30184		TH	447691	5536030	Leopard Zone	4a	strongly sheared and silicified, wk carb alt, str ser alt, mod magnetic associated with 10% po, 10-15% sheared controlled and diss py	86	

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G30185		TH	447692	5536041	Leopard Zone	6g	I'm guessing this screwed up rock is a altered qtz feldspar porphry?, white pink greenish grey colour, 30% qcvs, mod ser alt, 1 big honkin cube of py, 10-15% scattered mg py	2450	
G30186		TH	447691	5536042	Leopard Zone	sh	strongly silicified and sheared sericite schist, rusty weathered colour, 1% po, 10-20% py	91	
G30187		TH	447691	5536046	Leopard Zone	4a	strongly sheared and silicified , 20-30% qtz calcite stringers, strong ser alt, 20-30% fg-mg-cg diss py, on a contact of a course grained diabase or whatever it is.	1520	
G30188		TH	447694	5536044	Leopard Zone	4a	strongly silicifed 20-30% qcv, str carb alt, str biotite alt, mod shear, 0.5% moly, 20-30% fg-mg diss py	>3000	5.14
G30189		TH	447699	5536041	Leopard Zone	4a	strongly silicified and sheared, 30-40% qcvs, str ser alt, 5% fg diss po, 1-2% fg-mg diss py	1300	
G30190		TH	447699	5536039	Leopard Zone	4a	mod silicified, str shear, str magnetite alt, 20% seams/bands of chl alt, 40-50% qcvs, 10% fg-mg diss py	255	
G30191		TH	447739	5536037	Leopard Zone	5d	banded I.F. Str hemetite alt, 20% seams of chl alt, str carb alt, 2-3% very fg diss py, south side of channel grab, wk-mod folding, str shear	40	
G30192		TH	447739	5536037	Leopard Zone	5d	banded I.F. Str hemetite alt, 20% seams of chl alt, str carb alt, 2-3% very fg diss py, south side of channel grab, wk-mod folding, str shear	148	
G30193		TH	447742	5536040	Leopard Zone	4a	50% qcv, str carb alt, mos ser alt, str chl alt, mod shear, 1% py	9	
G30194	Jun 28-10	TH	447702	5536040	Leopard Zone	4g	strongly siicified, str mag alt, str folding sericite alt, 30-40% qc veinlets, mod hem alt, strongly sheared, 10%fg-mg diss py	>3000	3.75
G30195		TH	447705	5536043	Leopard Zone	6g	30-40% qtz veining in a feldspar porphry, 20% fracture filling biotite alt, wk hem alt, mod-str carb alt, 1-2% py	436	
G30196		TH	447706	5536047	Leopard Zone	qcv	30cm wide qcv, white colour qtz, 10% seams of chl alt, NVS	21	
G30197		TH	447714	5536047	Leopard Zone	1a	40% qv in a mafic vol, mod silicified, str carb alt, mod chl alt, mod mag alt, milky white-orangishg colour qtz, wk hem alt, 10% fg-mg diss py	2790	
G30198		TH	447716	5536046	Leopard Zone	qstw	qtz stockwork, 60-70% qtz, milky white cololur qtz, mod-str mag alt, wk hem alt, str carb alt, 10% fg-mg diss py. Wk-mod shearing	726	
G30199		TH	447716	5536042	Leopard Zone	qcstw	qtz-carb vein stockwork, mod-str mag alt, mod hem alt, 60-70% qtz, mod-str carb alt, mod shearing, 10-15% sheared controlled or fracture filling sericite alt, 20% fg-mg diss py	2240	
G30200		TH	447716	5536039	Leopard Zone	4g	strongly silicified, str mag alt, str hem alt, mod carb alt, 20% qcvs, strongly sheared, 10% fg-mg diss py	2830	
G30201		TH	447722	5536039	Leopard Zone	6g	20-30%qtz-veining in a feldspar porphry, wk-mod mag alt, mod sheearing, str carb alt, 10% shear controlled/banded biotite alt, wk ser alt, 1-2% fg-mg diss py	621	

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G30202		TH	447728	5536039	Leopard Zone	5	str folding BIF, str mag alt, strongly silicified, str ser alt, mod hem alt, 10% fracture filling seams of chl alt, str shear, 10-20% fracture filling biotite alt, 2-3% very fg diss py	879	
G30203		TH	447722	5536045	Leopard Zone	4g	strongly silicified, 20-30% fracture filling or sheared controlled chl alt, str ser alt, str mag alt, strongly sheared, 10-20% fracture filling or sheared controlled banded bioite alt, 5% fg-mg diss py	50	
G30204	Jun 29-10	TH	447703	5536053	Leopard Zone	4g	strongly silicified, 20-30% qcvs, mod sheared, wk mag alt, mod ser alt, on contact of a feldspar porphry, 50-60% semi-massive py	>3000	4.83
G30205		TH	447702	5536054	Leopard Zone	4g	5cm wide qv in sample, tr of cpy-py in qv, strongly silicified, 20-30% qcvs, mod ser alt, mod sheared, 20-30% fg-mg diss py, on contact of a feldspar porphry	1570	
G30206		TH	447701	5536056	Leopard Zone	4g	strongly silicified, 30-40% sugary qtz-carb vein stringers, mod shearing, str banded or sheared controlled ser alt, tr cpy and chl alt in qcvs, 10-20% banded or sheared controlled biotite alt, 30-40% fg-mg diss and sheared controlled stringers of py	537	
G30207		TH	447706	5536059	Leopard Zone	4g	20-30% qcvs, strongly silicified, mod-str shearing, str sheared controlled/fracture filling ser alt, 10% biotite alt, 20% fg-mg diss py	611	
G30208		TH	447704	5536066	Leopard Zone	qstw	qtz stockwork, 10% qcvs, mod mag alt, wk chl alt in qtz, wkly sheared, 35-40% fg-mg diss to semi-massive bands of py. LOTS OF FOOLS GOLD.(tarnished py). 5-10% biotite alt, wk ser alt	>3000	8.43
G30209		TH	447708	5536064	Leopard Zone	qstw	qtz stockwork on a foldnose, mod-str fracture filling ser alt, 20% fracture filling biotite alt, 10% qcvs, 10% seams of chl alt, 5% moly?, 20-30% fg-mg diss & fracture controlled py	>3000	22.9
G30210		TH			Leopard Zone		STANDARD-CDN-GS-6A	>3000	5.79
G30211		TH			Leopard Zone		BLANK	<5	
G30212	Jun 30-10	TH	447719	5536057	Leopard Zone	qstw	qtz-stockwork, white to pink colour qtz, str carb alt, 10-15% biotite schist, mod shearing, mod banded or sheared controlled ser alt, tr cpy in qcvs, wk mag alt, 20% fg-mg diss and stringers of py	>3000	4.04
G30213		TH	447721	5536053	Leopard Zone	qstw	qtz stockwork or silica flooded, 20% seams of chl alt, smokey grey to milky white qtz, str carb alt, mod shearing, wk ser alt, 10% fg-mg diss amd stringers of py	>3000	5.02
G30214		TH	447728	5536056	Leopard Zone	4g	silica flooded, str mag alt, mod-str shearing, str carb alt, wk ser alt, 3% fg-mg diss py	1570	
G30215		TH	447729	5536061	Leopard Zone	sh	strongly sheared ser schist, 20% section of str carbonate in silica, 30-40% very fg-mg diss py and py stringers	179	
G30216	July 1-10	TH	447732	5536056	Leopard Zone	qcstw	qtz-carb stockwork, mod-str mag alt, wk hem alt, wkly sheared, wk ser-chl alt, 1% fg diss py	543	

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G30217		TH	447739	5536066	Leopard Zone	4g	strongly silicifed and some silica flooding, str carbonate alt, mod sheared, sample is on a foldnose and has small folds in sample, mod ser alt, mod chl alt, 20-30% fg-mg diss and stringer py	2460	
G30218		TH	447737	5536070	Leopard Zone	qcstw	strong silica flooded or qtz-carb stockwork., mod sheared, str fracture filling ser alt, 10% BIOTITE SCHIST, 15-20% fg-mg diss and fracture filling py	1550	
G30219		TH	447741	5536070	Leopard Zone	6g	qtz-feldspar porphry, 40% qtz-veining, wk carb alt, mod ser alt, 5% seams of chl alt, 1-3% fg diss py, wkly sheared	185	
G30220		TH	447740	5536072	Leopard Zone	sh	chl/ser schist, wkly carb alt, str shear, mod-str silicified, 1% mg-large cubes of py	579	
G30221		TH	447745	5536070	Leopard Zone	qstw	40-50% Qtz-stockwork, 10% seams of chl alt, 30-40% fracture filling biotite alt, mod carb alt, mod-str shearing, mod hem alt, 1% py	<5	
G30222		TH	447737	5536080	Leopard Zone	4g	strongly silicified, mod-str shearing, str carb alt, 10% qv, mod mag alt, wk ser, 10% fg diss po, 2% py	61	
G30223		TH	447738	5536083	Leopard Zone	4g	strongly silicified, mod-str shear, 10% carbonate stringers, str ser alt, strongly magnetic associated with 10-20% very fg diss po, tr py, on contact with Graphite	33	
	July 2-10								
G30224		TH	447738	5536083	Leopard Zone	4h	graphite, strongly sheared, 10% qcvs, very magnetic associated with 30-40% very fg diss and fracture controlled po	48	
G30225		TH	447743	5536085	Leopard Zone	4g	str silica flooding, str ser-carb alt, wkly sheared, tr of chl alt, 30% very fg-mg diss and fractured controlled py	125	
G30226		TH	447745	5536085	Leopard Zone	4g	str silica flooding, wk carb alt, mod ser alt, wkly sheared, wk chl alt, 20-30% very fg-mg diss and fracture controlled py	415	
G30227		TH	447745	5536089	Leopard Zone	4g	str silica flooding, wk carb alt, str manetite alt, str ser alt, wk-mod shear, 5% fg-mg diss and fracture controlled py	2580	
G30228		TH	447747	5536079	Leopard Zone	4g	str shear and silicified, 40-50% banded and diss magnetite, 10% qcvs, str carb alt, mod-str ser alt, wk chl alt, all alteration is banded or shared controlled, 1% py, 1% po, mod hemetite	249	
G30229		TH	447749	5536075	Leopard Zone	4g	str silicified, mod shear, str carb, mod chl-ser alt, wk mag alt, 5% fg-mg diss and fracture controlled py, tr po	>3000	9.35
G30230		TH	447756	5536094	Leopard Zone	4g	str silica flooded or qtz-carb stockwork, 20-30% fracture filling magnetite alt, str carb alt, wk ser, wkly sheared, 1% fg-mg diss py, tr cpy-po	1330	
G30231		TH	447756	5536090	Leopard Zone	sh	strongly sheared ser schist, 10% carb stringers, str silicified, 20-30% very fg-mg diss py	141	
G30232		TH	447756	5536087	Leopard Zone	4g	strongly silicified with 40% section of str silica flooding, strongly sheared, 40-50% banded and fracture filling magnetite alt, mod carb alt, mod hem alt, some small folding in sample, wk ser alt, 1% py	869	

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G30233		TH	447762	5536087	Leopard Zone	4g	strongly sheared and silicified, wk-mod carb alt, wk chl-ser alt, wk mag, 10% very fg-mg diss and fracture controlled py	1270	
G30234		TH	447760	5536101	Leopard Zone	qcstw	qtz-carb stockwork., str fracture filling and diss mag alt, wkly sheared, 1-2% po, 1% py	388	
G30235		TH	447762	5536094	Leopard Zone	4g	mod silica flooded, mod shear, str crb alt, str fracture filling and diss mag alt, 20% fracture filling biotite alt, wk-mod ser alt, 1-2% py	2180	
G30236		TH	447766	5536096	Leopard Zone	4g	strongly sheared and silicifed, str fracture filling and diss mag alt, mod ser-hem alt, 2-3% py	120	
G30237		TH	447768	5536092	Leopard Zone	4g	mod silica flooded, mod shear, str hem alt, wk-mod mag alt, wk carb, 20% fg-mg diss py	>3000	4.72
G30238		TH	447774	5536095	Leopard Zone	4g	str silica flooding, mliky white-orangish colour, wk-mod carb alt, mod ser alt, wk-mod shear, wk folding in sample, 20-30% very fg-mg diss and fracture controlled py	>3000	3.48
G30239		TH	447774	5536098	Leopard Zone	qcstw	qtz-carb stockwork, str fracture filling mag alt, str fracture filling ser alt,mod shearing, wk hem alt, 1% py	620	
G30240		TH	447781	5536098	Leopard Zone	4g	str silica flooding, str mag alt, 2cm wide folding qv, str carb alt, wk ser alt, 5-10% mg diss py, mod shear	1600	
G30241	July 3-10	TH	447777	5536097	Leopard Zone	4g	str silicified, mod shear, mod carb alt, tr mag, mod hem alt, 40% fg-mg diss and feacture controlled py	2190	
G30242		TH	447782	5536104	Leopard Zone	4g	mod-str silica flooding, str mag alt, str carb alt, mod hem alt, 5% fg-mg diss and fracture controlled py	106	
G30243		TH	447786	5536099	Leopard Zone	4g	mod-str silica flooding, str mag and carb alt, str hem alt, mod shear, str ser alt, sample taken on a foldnose, lots of small folding in sample, 20% fg-mg diss py	833	
G30244		TH	447786	5536100	Leopard Zone	4g	str silica flooding, str hem alt, str shear, wk-mod mag alt, str ser alt, wk carb , on contact with previous sample, 10% fg-mg diss and fracture controlled py	1050	
G30245	July 4-10	TH	447827	5536016	Line 101E Tren	4g	wkly silicifed, 20-30% qcvs, wk mag alt, str biotite alt, mod shear, 2-3% fg-mg diss py	<5	
G30246		TH	447826	5536012	Line 101E Tren	4g	wkly silicified, 5cm wide band of chert, str ser-chl alt, wk mag alt, mod shear, wk hem alt, 1% py	10	
G30247		TH	447826	5536006	Line 101E Tren	4g	mod silicified, 40-50% folding qtz-carb veins, str hem & chl alt in qcv, str mag, mod shear, 3-5% fg-mg diss py	<5	
G30248		TH	447827	5536004	Line 101E Tren	4g	wk-mod silicified, mod shear, str mag alt, 20% folding qcv in sample, str hem & chl in qcv, 50% carb veins, 2-3% fg-mg diss py	6	
G30249		TH	447825	5536002	Line 101E Tren	6f	strongly silicifed, mod-str shear, str hem, 30% qcv, wk mag, 20% mafic/vol, str chl alt, 2-3% fg-mg diss py	<5	

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G30250		TH	447825	5536000	Line 101E Tren	4g	wkly silicified, pillowed brecchia chl alt with carb around pillow looking alteration, str mag, 20% qcvs, wkly sheared, str hem alt in qcvs, 3-5% fg-mg diss py	<5	
G30251		TH	447825	5535994	Line 101E Tren	4g	mod-str sheared, str chl alt, wk mag, str fracture filling hem alt, 2-3% py, tr cpy	<5	
G30252		TH	4478823	5535984	Line 101E Tren	qcv	5-10cm wide qcv in a vol shear, str hem alt, wk chl alt, 5-10% fg-mg-cg po, tr py	6	
G30253		TH	447823	5535984	Line 101E Tren	sh	vol shear, wall-rock to previous sample, mod-str shear, str carb alt, wk hem alt, str mag alt, 2-3% po	<5	
G30254		TH	447815	5535981	Line 101E Tren	4g	20-30% qcvs, str chl alt, wkly silicified, wk-mod shear, 3% fg diss py	<5	
G30255		TH					STANDARD CDN-GS-6A	>3000	6.12
G30256		TH					BLANK	6	
G30257	Jul 5-10	TH	447662	5536031	Leopard Zone	4g	strongly silicified, mod shear, 15-20% seams of chl alt, str carb alt, wk ser alt, 10% fg-mg diss and stringer py, west end of leopard zone	80	
G30258		TH	447757	5536030	Leopard Zone	4g	mod silicified, 20% qcvs, 30% biotite schist, str carb alt, mod chl alt, mod shear, tr cpy in qcv, 3% fg-mg diss py, west end of leopard zone	10	
G30259		TH	447699	5536046	Leopard Zone	4g	strongly sheared & silicified, 5% seams of chl alt, str mag alt, 10-15% qcvs, mod ser alt, 2-3% fg-mg diss py	324	
G30260		TH	447822	5536260	N shear trench	sh	strongly sheare/chl schist, 30-40% qtz carb vein, white colour qtz, chl alt, mod carb, 5% mg-cg stringer and diss py	18	
G30261		TH	447822	5536252	N shear trench	sh	volcanic shear, 50% qcv, str shear, str carb alt, wk mag, mod hem alt in qcv, wk ser alt, str chl alt, 2-3% py	15	
G30262		TH	447822	5536249	N shear trench	4g	strongly sheared, strongly silicified with 20% qcv, str mag, mod banded ser alt, mod hem alt, 20% fg-mg diss and banded py	299	
G30263	July 6-10	TH	447732	5536221	Centurion N	4g	str silicified with 30% qcv, str mag alt,20% seams of chl alt, mod fracture filling ser alt, mod shear, mod hem alt in qcv, 5% fg-mg diss py	72	
G30264		TH	447732	5536221	Centurion N	4g	str silicified with 20-30% qcv, str carb-chl alt, str mag, mod hem alt in qcv, mod shear, 5% fg-mg diss py	20	
G30265		TH	447729	5536227	Centurion N	qcv	15-30cm wide qcv blowout, mod fracture filling chl alt, wk hem alt, wk ser alt, 1% py	7	
G30266		TH	447731	5536229	Centurion N	qcstw	qtz-carb stockwork, 30% fracture filling biotite alt, str carb alt, mod shear, wk chl-ser alt, wk-mod folding, 1-2% fg-mg diss py	11	
G30267		TH	447731	5536229	Centurion N	qcstw	qtz-carb stockwork, 20% fracture filling biotite alt, str carb alt, mod shear, wk chl-ser alt, wk-mod folding, 1-2% fg-mg diss py	<5	
G30268		TH	447726	5536222	Centurion N	sh	vol shear, strongly sheared and silicified, 10% qcv, str ser alt, str carb-chl alt, 10% biotite alt, 1% py	<5	
G30269		TH	447710	5536245	Centurion N	sh	silica flooded biotite schist, str carb alt, mod-str shear, wk ser alt, 2-3% py	28	

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G30270		TH	447698	5536056	Leopard Zone	sh	ser schist, 20-30% qcv, str sharing, str silicified, wk-mod carb alt, wk chl alt, 15-20% very fg-mg diss and banded py	216	
G30271		TH	447699	5536052	Leopard Zone	4g	strongly sheared and strongly silicified/silica flooded, str carb alt, mod fracture filling ser alt, 20-30% very fg-mg diss and fracture controlled py	>3000	10.2
G30272		TH	447689	5536050	Leopard Zone	4g	strongly silicified with silica flooding, str ser alt, mod carb alt, mod-str shearing, 30% very fg-mg diss py	2020	
G30273		TH	447689	5536050	Leopard Zone	6f	feldspar porphry,mod hem alt, tr py. Contact of previous sample	82	
G30274		TH	447682	5536049	Leopard Zone	4g	silica flooded, mod-str shearing, str carb alt, str mag alt, wk hem alt, 3-5% fg-mg diss py	936	
G30275		TH	447682	5536049	Leopard Zone	4g	strongly silicified, mod-str shearing, 10% qcv, str carb alt, str mag alt, wk hem alt, 1% py	167	
G30276	July 7-10	TH	447679	5536046	Leopard Zone	4g	moderately sheared and silicified, 10% qcv, mod ser alt, wk biotite alt, 10-20% fg-mg diss and fracture controlled py.	>3000	3.54
G30277		TH	447679	5536046	Leopard Zone	4g	silica flooded, mod shear, str carb alt, mod ser alt, wk mag, 10-15% fg-mg diss and fracture controlled py	1080	
G30278		TH	447679	5536046	Leopard Zone	4g	silica flooded, str carb alt, mod fracture filling baned ser alt, mod shear, wk mag, 20-30% fg-mg diss and banded py	2380	
G30279		TH	447679	5536046	Leopard Zone	4g	str silica flooding, 20% qcv, mod fracture filling ser alt, wk biotite alt, wk-mod shear, 20-30% fg-mg diss and fracture controlled py	>3000	7.73
G30280		TH	447679	5536046	Leopard Zone	sh	str silica flooding, 20% biotite schist, strongly sheared, str mag alt, str carb alt, 1-2% fg-mg diss py	598	
G30281		TH	447676	5536038	Leopard Zone	4g	strongly silicified and silca flooded, str ser alt, mod carb, mod shear, 20-30% fg-mg diss py	131	
G30282		TH	447664	5536045	Leopard Zone	qcv	60% qcv, 40% shearred mafic, str ser alt, str chl-carb alt, 2-3% mg-cg py	45	
G30283		TH	447659	5536044	Leopard Zone	sh	ser schist, mod mag alt, strongly sheared, str silicified, 1% po, 1% py	15	
G30284		TH	447660	5536049	Leopard Zone	sh	biotite schist, str carb alt, str mag alt, str shear, str silicified, wk chl alt, small folding in sample, 1% po, 2% py	811	
G30285		TH	447651	5536044	Leopard Zone	sh	biotite schist, str carb alt, str mag alt, str shear, str silicified, wk chl alt, small folding in sample,1-2% py	262	
G30286	July 8-10	TH	447671	5536263	Centurion NW	qstw	qtz-stockwork, 20-30% fracture filling biotite alt, wk-mod carb alt, milky white to smokey grey qtz, 20-30% fg-mg diss py disseminated throughout the qtz and fracture controlled with the biotite	180	
G30287		TH	447671	5536263	Centurion NW	qstw	qtz-stockwork, 30% fracture filling biotite alt, wk-mod carb alt, milky white to smokey grey qtz, 20-30% fg-mg py disseminated through out the qtz and fracture controlled with the biotite	90	

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G30288		TH	447669	5536262	Centurion NW	qcstw	qtz-carb stockwork, wk-mod shear, 10% fracture filling biotite alt, 20-30% bands of chl alt, 2-3% fg-mg scattered py	9
G30289		TH	447665	5536262	Centurion NW	qcstw	qtz-carb stockwork, str fracure filling chl alt, mod carb alt, wk-mod shear, wk ser alt, 5-10% fg-mg diss py	6
G30290		TH	447666	5536261	Centurion NW	qcstw	50% qz-carb stockwork, 50% biotite schist, wk chl alt, str carb alt, wk shear, 1-2% mg-cg scattered cubes of py	<5
G30291		TH	447669	5536260	Centurion NW	qcstw	qtz-carb stockwork, 20% fracture filling biotite alt, small folds in sample, mod ser alt, 5-10% fg-mg diss py	9
G30292		TH	447666	5536258	Centurion NW	sh	ser schist, strongly silicified and sheared, wk carb alt, 3-5% stringer py in silicified sections	32
G30293		TH	447668	5536258	Centurion NW	qv	qtz-vein blowout, white to rusty colour, strongly fractured qtz, 1% fracture controlled py, wk ser-chl alt	71
G30294		TH	447665	5536261	Centurion NW	4g	silica flooded, mod-str shear, wk chl-ser alt, wk carb alt, 10% fg-mg diss py	31
G30295		TH	447664	5536253	Centurion NW	qv	qtz blow-out, wk biotite alt, wk chl alt, white colour qtz, tr py,	<5
G30296		TH	447663	5536246	Centurion NW	4g	strongly sheared, mod mag alt, 10cm wide band of silica and ser, tr py, 3% ver fg po	<5
G30297		TH	447662	5536242	Centurion NW	4g	mod carb alt, str biotite alt, str shear, wk chl alt, 3% qtz, tr py	<5
G31736	Oct 12-10	TH	447966	5535986	Centurion East	5d	Banded silicate IF, str mag-10% vfg diss magnetite, wk-mod carb alt, str shear, rusty brown surface colour, 1% vfg diss py. Line 102.75E 98 50N	40
G31737		TH	447966	5535987	Centurion East	5d	Banded silicate IF, str mag-10% vfg diss magnetite, 20% qtz carb alt, str shear, rusty brown surface colour,small folding in sample, 1% vfg diss py. Line 102.75E 98 50N	234
G31738		TH	447965	5535988	Centurion East	5d	Banded silicate IF, str mag-5% vfg diss magnetite, 10% qtz carb alt, str shear,wk hem alt, rusty brown surface colour,small folding in sample, 1% vfg diss py. Line 102.75E 98 50N	28
G31739		TH	447965	5535988	Centurion East	5d	Banded silicate IF, str mag-5% vfg diss magnetite, 10% qtz carb alt, str shear and schisted, rusty brown surface colour, 1% vfg diss py. Line 102.75E 98 50N	14
G31740		TH	447965	5535989	Centurion East	5d	Banded silicate IF, mod-str carb alt, str mag, 10% diss magnetite, str shear, 1% vfg diss py	34
G31741		TH	447983	5535988	Centurion East	qcv	qtz carb stringer blowout in the sheared banded silicate IF, milky white colour, mod hem alt, mod carb alt, 1% frac cont. Py	7

G31742		TH	447982	5535988	Centurion East	5d	Banded silicate IF, 10% qcvs, str shear, mod carb alt, str mag-10% fg diss magnetite, mod hem alt, 0.5% vfg diss py	15
G31743		TH	447989	5535985	Centurion East	sh	strongly sheared sed, str siliciifed, mod carb alt, wk hem alt, mod ser alt, 2% vfg diss py	9
G31744		TH	447995	5535981	Centurion East	5d	Banded silicate IF, strongly sheared, str mag-30% shear cont. Magnetite, mod-str hem alt, str carb, 3-5% shear cont. Fg py	82
G31745		TH	447995	5535981	Centurion East	5d	Strongly sheared banded silicate IF, str mag-30% shear cont. Magnetite, mod carb, 2% shear cont. Py	84
G31746		TH	448097	5536013	Centurion East	5	strongly silicified sed, mod perv chl alt, wkly sheared, str mag-5% magnetite, 1% diss py	8
G31747		TH	448108	5536029	Centurion East	5	strongly silicified sed, 10% qcvs, str carb, mod shear, wk ser-chl alt, 3-5% fg-mg diss py	29
G31748	Oct 13-10	TH	448157	5536068	Centurion East	qtsw	qtz stockwork, 0.5-1m wide, white orangish rusty brownish redish colour, wkly carbonated, mod fractured, mod mag-10% diss magnetite, 5% frac cont and diss fg-mg py	<5
G31749		TH	448150	5536076	Centurion East	sh	G31749-G31757, 1-2 meter wide Zone located at a old historic drill collar/caseing, 70 meters south of where drill is now drilling(cwl-10-10). Drill caseing is at a 50 degree angle @ 170-180 AZ.(drilling south). 10m E of L 104E 99.50N. Strongly silicifed/silica flooded biotite schist. str shear, wk-mod carb alt, 0.5% diss py.	<5
G31750		TH	448150	5536076	Centurion East	qtcsw	qtz carb stockwork, mod perv chl alt, wk-mod carb alt, mod-str shear, white brownish orangish colour, 1-2% fg-mg diss py	31
G31751		TH	448150	5536076	Centurion East	qtcsw	qtz carb stockwork, mod perv chl alt, wk-mod carb alt, mod-str shear, white brownish orangish colour, 5% fg-mg diss py	56
G31752		TH	448150	5536076	Centurion East	qtcsw	qtz carb stockwork, mod perv chl alt in the sheared mafic/vol wall rock, wk-mod carb alt, mod-str shear, white brownish orangish colour, 3% fg-mg diss py	35
G31753		TH	448150	5536076	Centurion East	1a	silica flooded mafic/vol, mod-str shear, rusty brown surface colour, mod carb alt, wk perv chl alt, str mag-10% vfg diss magnetite, wk hem alt, 5-10% fg-mg and large cubes of diss py	111
G31754		TH	448150	5536076	Centurion East	1a	very rusted weathered oxidized rock sample, strongly siliciifed/silica flooded, mod perv chl alt, mod shear, 10% fg-mg diss py	493

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G31755	TH	448145	5536076	Centurion East	1a	silica flooded mafic/vol, mod carb alt, mod shear controlled chl alt, mod-str shear, 5% fg-mg diss py	129
G31756	TH	448145	5536076	Centurion East	sh	strongly sheared mafic/vol, 10-20% qcvs, 20% siliciifed biotite schist, str perv chl alt in mafic shear, mod carb alt, 2% fg-mg diss py	18
G31757	TH	448140	5536076	Centurion East	1a	silica flooded mafic/vol, wk-mod carb alt, white pinkish orangish brownish colour, 10% biotite alt, wk chl alt, 3% fg-mg diss py	50
G31758	JS	448056	5535995	IP Zone CL-04	SH	mafic vol sh,with 2cm. Wide qv striking 96*, wk oxi, cb, strong chl alt, tr fine py.	<5
G31759	JS	448059	5536000	IP Zone CL-04	SH	same as G31758	<5
G31760	JS	448350	5535931	IP Zone CL-04	6	light brown weathering on surface, porp textured, pinkish on fresh surface, mod-cb, wk- sh with .5% diss py plus mag.	<5
G31761	JS	448351	5535931	IP Zone CL-04	6	same as G31760	<5
G31762	JS	448835	5535918	IP Zone CL-04	QTSW	25% multiple thin qv"s, srtong sil, cb,mag. Mod-sh, oxi. 3-4% py	<5
G31763	JS	449220	5536112	IP Zone CL-04	5D	1 cm. wide qv, strong mag. Mod-chl, sil oxi alt. fine diss py .5%	<5
G31764	JS	449231	5536089	IP Zone CL-04	SH	mafic vol sh. Sil flooded with bands of thin qv 's. strong oxi, wk chl,ser alt. 5%fine diss py. Tr.mag.	7
G31765	JS	449231	5536088	IP Zone CL-04	SH	strong cb. Mod sil ,oxi, chl alt. bands of porp textured redish brown stained material with 4-5 % fine diss py.	<5
G31766	JS	449231	5536087	IP Zone CL-04	SH	sh with 70% white sugary qrtz. Chl and mafic inclusions within fractures. 2% diss py	12
G31767	JS	449241	5536114	IP Zone CL-04	6g	qrtz feldspar porp, wk- sh, cb. Rust stained with minor diss py.	6
G31768	JS	449244	5536108	IP Zone CL-04	6g	fractured 6g with thin qrtz seams. Pink-brown staining with 3-4% both fine and corse py.	120
G31769	JS	449246	5536111	IP Zone CL-04	QV	80% qv,20% 6g. Red-brown stained sugary qrtz with nvs, 1% fine diss py in 6g.	36
G31770	JS	449249	5536116	IP Zone CL-04	6g	strong oxi, mod- sh,sil. Wh- cb ser alt. red-brown staining with 8-10 % diss py.	6
G31771	JS	449254	5536102	IP Zone CL-04	QV	6cm wide qv, reddish-brown staining with ninor fine diss py.	26
G31772	JS	449255	5536097	IP Zone CL-04	6g	reddish- brown staining, wk-cb, tr bio, 10% both corse and fine diss py.	62
G31773	JS	449254	5536099	IP Zone CL-04	SH	strong sh,hem. Tr-bio. 2cm. Wide white sugary qv. 3% py. Whithin fracture plains.	416
G31774	JS	449252	5536116	IP Zone CL-04	SH	sheared 6g with strong oxi, red- brown staining, 8% diss py.	<5

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G31775	JS	449262	5536134	IP Zone CL-04	6g	wk--cb, minor diss py. Tr-mo	<5
G31776	JS	449262	5536134	IP Zone CL-04	SH	mafic vol sh, wk-mag, mod-cb, 2%dis py within sh plains.	<5
G31777	JS	449275	5536126	IP Zone CL-04	5D	strong mag, wk-cb, thin qtz stringers, 1% diss py., mod sil.	<5
G31778	JS	449282	5536119	IP Zone CL-04	5D	same as G31777	<5
G31779	JS	449311	5536249	IP Zone CL-04	5D	strong mag mod- sil, wk-oxi. Mod shear with tr-py	<5
G31780	JS	449348	5536191	IP Zone CL-04	9e	qtz monzonite, strong reddish- brown staining,very fractured, strong mag, 1%py. Tr-cpy. Mod-ser,sil alt on margins.	9
G31781	JS	449348	5536191	IP Zone CL-04	9e	same as G31780	<5
G31782	JS	449342	5536178	IP Zone CL-04	2a	sil flooded intermediate to mafic vol. 40%qtz. Strong sil. Mod-chl,ser alt. mod sh striking 85 .	<5
G31783	JS	449363	5536184	IP Zone CL-04	QTSW/5D	BIF, with 40% qtz banding. Strong mag,mod cb,tr py	<5
G31784	JS	449384	5536185	IP Zone CL-04	5A	chemical metaseds. Rusty sh with 1cm.wide qv's. bands of mag, strong ser,chl alt. 2% fine py. Tr mo.	<5
G31785	JS	449384	5536185	IP Zone CL-04	QCV	10% cal. Red-brown staining. Very fractured glassy qtz. Mag on marins of wall. Minor diss py, tr bio.	<5
G31786	JS	449431	5536140	IP Zone CL-04	SH	sh- mafic vol with 2cm.wide qv. Strong chl,sil wk-ser oxi. Tr py.	<5
G31787	JS	448922	5535728	Regional Prospecting	6g	10% qtz veinlets. Strong sil alt. wk oxi, wk-sh .tr fine diss py.	<5
G31788	JS	449106	5536051	Regional Prospecting	1a	strong sil mod chl. Wk cb. 1% diss py.	11
G31789	JS	449106	5536051	Regional Prospecting	1a	sil flooded mafic vol. mod- sh. Mod oxi, cb, chl alt. 7-8%py both fine and corse.	28
G31790	JS	449148	5536071	Regional Prospecting	SH	fine grained light brown cherty sh. Mod cb, wk oxi, tr.fine py.	<5
G31791	JS	449052	5536107	Regional Prospecting	SH	strong sh, mafic vol. strong ser,chl alt. mod sil tr diss fine py. Corse py on sh plains. Wk oxi.	<5
G31792	JS	449081	5536058	Regional Prospecting	6g	fractured qtz feldspar porp. Sil flooded. Reddish- brown weathered dyke or sil striking 96 deg. Mod oxi,cb. 2% fine py.	20
G31793	JS	449078	5536059	Regional Prospecting	1a	strong sh, chl, mod- ser,sil. Wk- oxi. Seams of fine py on sh plains, plus minor diss py.	9
G31794	JS	449079	5536060	Regional Prospecting	6g	1 cm. wide qtz stringers within rusty sh. Strong chl,cb alt. tr diss py.	<5

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G31795	JS	449089	5536056	Regional Prospecting	6g	strong sh. Strong cb, sil alt. mod- oxi. 1%diss py. Tr-bio,sp.	<5
G31796	JS	449094	5536081	Regional Prospecting	SH	mafic sh with 20% qcv. Strong cb. Wk-ser, mod-chl,sil alt. tr-py.	6
G31797	JS	449105	5536091	Regional Prospecting	QCV	4cm. Wide qcv within rusty sh. Strong cb. Mod oxi, ser. 1% py.	<5
G31798	JS	449105	5536091	Regional Prospecting	SH	strongly minerlized sh. Strong oxi, ser,sil alt. 10% py.	20
G31799	JS	449112	5536120	Regional Prospecting	QTSW	minimum 3 m wide? Qtsw within fractured red-brown stained 6g. 1% diss py.	12
G31800	JS	449136	5536136	Regional Prospecting	5D	striking 110 deg. Strong mag,sil mod-oxi 1% sulphides, py po.	<5
G28928	JS	450234	5536435	Regional Prospecting	QV	3cm.wide qv in sh. Glassy white qtz striking 120 deg. Nvs.	<5
G28929	JS	450190	5536434	Regional Prospecting	QV	4cm.wide qv in mafic sh. 70% qtz, 30% wall. Wk-ser,chl, mod oxi. Tr py.	<5
G28930	JS	450146	5536613	Regional Prospecting	9a	2 m wide fractured felsic vol dyke. Strong sil. Mod oxi . Red-brown staining. Tr diss py.	<5
G28931	JS	449107	5536120	Regional Prospecting	SH	reddish-brown weathering. Multiple qtz stringers strong oxi,sil. 2% fine diss py.	16

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Ag (ppm)	Cd (ppm)	Cu (ppm)	Mn (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	AL (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Co (ppm)	Cr (ppm)
0.3	<0.5	131	1440	<1	94	3	112	2.61	32	<10	54	<0.5	<2	2.86	43	125
<0.2	<0.5	20	1800	12	23	3	28	0.72	8	<10	76	<0.5	<2	4.75	16	71
0.3	<0.5	212	847	<1	91	3	44	2.61	<2	<10	141	0.9	<2	5.91	35	153
<0.2	<0.5	71	918	<1	274	4	44	2.65	<2	<10	2240	1.7	<2	5.43	38	463
0.3	<0.5	15	1270	<1	520	5	66	3.39	<2	<10	85	0.6	<2	6.98	50	811
<0.2	<0.5	64	100	<1	4	2	3	0.05	<2	<10	14	<0.5	<2	0.2	1	131
<0.2	<0.5	40	720	<1	153	8	64	2.54	<2	<10	459	1.6	<2	4.87	27	393
4.8	<0.5	31	975	<1	203	250	54	1.11	<2	<10	375	0.8	6	7.04	24	400
0.2	<0.5	119	912	<1	123	8	56	2.61	<2	<10	264	0.9	<2	6.71	31	257
0.5	<0.5	344	996	5	171	20	41	1.26	<2	<10	48	<0.5	<2	5.01	47	332
<0.2	<0.5	8	1160	10	66	13	44	0.52	<2	<10	122	<0.5	<2	5.57	23	141
0.4	<0.5	12	993	<1	261	20	45	1.17	<2	<10	621	1	<2	7.77	27	449
0.3	<0.5	24	1000	1	217	16	50	1.47	<2	<10	1240	0.9	<2	8.26	25	427
1.8	1.4	261	279	237	144	20	166	1.31	34	<10	<10	<0.5	5	0.26	87	169
0.3	<0.5	59	991	17	35	7	47	0.34	<2	<10	123	<0.5	<2	3.95	27	74

<0.2	<0.5	23	515	5	8	5	18	0.18	<2	<10	49	<0.5	<2	1.64	6	70
<0.2	<0.5	7	318	1	8	4	24	0.46	<2	<10	361	<0.5	<2	1.94	7	46
6.3	<0.5	180	621	2	15	60	26	0.37	<2	<10	60	<0.5	56	2.43	12	94
0.6	<0.5	26	441	2	7	15	13	0.23	<2	<10	289	<0.5	<2	1.63	6	80
<0.2	<0.5	7	278	<1	7	3	17	0.47	<2	<10	306	<0.5	<2	1.57	6	53
<0.2	<0.5	20	504	7	13	5	29	0.42	<2	<10	210	<0.5	<2	2.6	10	59
<0.2	<0.5	13	465	3	15	3	29	0.46	<2	<10	221	<0.5	<2	2.65	7	54
<0.2	<0.5	11	404	<1	9	4	39	0.49	<2	<10	309	<0.5	<2	2.21	7	50
<0.2	<0.5	10	281	<1	10	3	29	0.39	<2	<10	128	<0.5	<2	1.55	13	63
<0.2	<0.5	12	336	<1	7	4	21	0.39	<2	<10	496	<0.5	<2	1.95	5	56
<0.2	<0.5	5	401	<1	6	8	13	0.17	2	<10	114	<0.5	<2	1.75	6	84
<0.2	<0.5	4	210	<1	6	5	14	0.24	<2	<10	128	<0.5	<2	0.99	9	87
<0.2	<0.5	4	415	<1	6	6	17	0.18	<2	<10	65	<0.5	<2	2.5	6	59

0.4	<0.5	129	1380	3	48	5	62	0.84	<2	<10	131	<0.5	<2	4.77	40	54
0.2	<0.5	33	689	4	57	7	59	0.55	<2	<10	125	<0.5	<2	4.01	19	120
<0.2	<0.5	16	393	3	14	2	40	0.89	<2	<10	54	<0.5	<2	2.93	8	60
0.3	<0.5	66	1260	1	100	5	86	1.11	<2	<10	152	<0.5	<2	6.14	31	197
<0.2	<0.5	6	622	<1	9	<2	11	0.33	<2	<10	66	<0.5	<2	2.37	6	50
<0.2	<0.5	49	672	9	19	10	57	0.79	<2	<10	245	<0.5	<2	3.15	16	54
<0.2	<0.5	6	329	2	7	<2	14	0.37	<2	<10	205	<0.5	<2	2.13	6	42
0.2	0.5	47	646	15	33	7	49	0.61	<2	<10	158	<0.5	<2	3.28	19	97
0.2	0.5	25	1270	4	282	6	72	3.06	<2	<10	239	0.9	<2	9.99	35	599
0.3	0.5	146	1010	1	56	3	88	2.39	<2	<10	60	<0.5	<2	4.31	35	100
2.9	<0.5	58	1030	12	39	7	46	1.9	<2	<10	121	0.6	<2	5.3	33	76
0.3	1.8	138	273	4	38	54	193	1.31	22	<10	58	<0.5	<2	0.89	33	25
0.7	0.7	91	1260	1	92	19	113	2.16	<2	<10	165	<0.5	<2	5	31	120
0.4	1.5	111	378	7	66	15	355	1.1	47	<10	81	<0.5	<2	1	41	19
0.8	0.7	384	771	416	27	43	143	1.6	21	<10	163	<0.5	<2	1.36	10	46
0.2	<0.5	52	502	8	28	2	44	1.47	<2	<10	140	<0.5	<2	1.12	8	36
0.4	1.1	100	556	11	78	23	240	1.27	80	<10	76	<0.5	<2	2.25	51	29

0.3	<0.5	49	1600	<1	160	<2	79	3.2	<2	<10	104	<0.5	5	5.44	38	138
<0.2	<0.5	91	1720	<1	102	<2	72	2.54	<2	<10	39	<0.5	<2	7.48	32	143
<0.2	<0.5	178	1490	<1	92	<2	80	3.12	<2	<10	60	<0.5	3	6.26	39	192
0.6	1.8	144	466	6	75	28	308	1.41	60	<10	14	<0.5	9	0.19	71	36
0.3	1.8	241	697	3	58	5	330	1.32	20	<10	27	<0.5	<2	0.38	58	21
0.4	<0.5	269	810	7	9	11	74	2.08	<2	<10	214	0.5	111	3.28	29	4
<0.2	<0.5	140	440	6	56	3	51	1.6	6	<10	27	<0.5	<2	0.26	34	54
0.3	3	460	520	19	121	8	466	1.97	5	<10	42	<0.5	<2	0.72	55	163
0.3	2.5	139	325	6	43	13	552	1.08	35	<10	38	<0.5	<2	0.23	75	22
<0.2	3.8	95	1380	5	160	12	914	4.5	4	<10	63	<0.5	<2	0.14	24	245
<0.2	<0.5	216	617	10	47	5	86	1.58	4	<10	107	<0.5	<2	1.19	51	22
0.3	0.7	301	430	6	90	4	150	1.86	6	<10	74	<0.5	5	0.09	54	49
<0.2	<0.5	39	1180	<1	89	12	71	1.77	<2	<10	530	0.7	<2	5.08	29	252
1	2.8	268	576	6	73	11	906	1.71	<2	<10	49	<0.5	<2	0.29	51	19
1	1.5	606	230	9	104	29	398	1.69	99	<10	20	<0.5	<2	0.11	106	28
0.9	<0.5	54	1760	2	51	3	89	2.15	<2	<10	91	<0.5	2	2.81	85	28
0.4	<0.5	255	594	6	91	25	93	2.15	6	<10	65	<0.5	<2	0.26	55	80

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0.2	<0.5	37	444	29	13	7	27	0.67	3	<10	156	<0.5	<2	1.69	14	12
0.8	<0.5	235	345	4	43	14	81	1.39	<2	<10	56	<0.5	<2	0.05	46	27
1	<0.5	238	281	47	97	10	113	0.95	19	<10	15	<0.5	3	0.11	77	67
0.8	<0.5	141	846	129	60	8	94	1.41	3	<10	76	<0.5	<2	2.82	35	39
0.4	<0.5	225	1210	<1	48	4	84	2.5	2	<10	175	0.6	<2	5.61	40	40
0.3	0.5	255	1220	<1	36	3	82	1.24	<2	<10	106	<0.5	<2	4.44	35	36
<0.2	<0.5	162	1370	<1	54	2	133	3.01	<2	<10	187	0.7	<2	7.1	45	49
0.2	<0.5	67	1230	2	70	4	94	2.05	<2	<10	144	0.6	<2	6.52	35	122
<0.2	<0.5	47	1860	<1	46	<2	69	2.2	<2	<10	52	<0.5	<2	6.05	36	35
0.7	0.7	225	1240	2	42	<2	69	1.3	3	<10	296	<0.5	<2	5.18	39	63
0.6	<0.5	9	837	87	36	16	71	1.5	<2	<10	446	0.8	<2	4.4	17	177
<0.2	<0.5	6	344	1	13	7	43	0.21	<2	<10	27	<0.5	<2	1.9	2	137
1.4	<0.5	49	465	4	32	20	68	0.97	<2	<10	93	<0.5	<2	1.74	49	106
0.4	0.6	249	939	5	30	5	47	0.65	<2	<10	141	<0.5	<2	3.89	20	134
0.6	0.9	152	1070	2	37	4	51	0.54	<2	<10	102	<0.5	<2	4.96	28	112
0.6	0.7	326	1150	8	48	5	64	0.89	<2	<10	131	<0.5	<2	5.23	39	107
0.3	0.9	101	795	1	36	<2	53	1.14	<2	<10	193	<0.5	<2	3.81	28	69

0.7	0.5	87	1090	35	74	8	53	0.59	3	<10	218	<0.5	<2	4.78	35	154
0.4	0.8	186	1150	<1	85	<2	76	1.4	<2	<10	240	0.5	<2	6.16	39	143
0.9	1.5	121	812	23	62	45	226	0.77	60	<10	26	<0.5	3	0.88	45	55
0.5	1.2	115	1110	13	39	27	140	0.54	27	<10	40	<0.5	<2	1.62	30	57
1.1	3.2	234	726	143	193	62	690	1.16	27	<10	54	<0.5	3	2.2	62	210
1.2	3.4	205	583	197	97	70	664	0.99	30	<10	32	0.5	3	1.03	59	66
14.4	16.2	1380	245	259	29	755	812	0.38	57	<10	17	<0.5	45	0.61	72	72
52.1	1.9	307	643	369	34	246	108	0.96	19	<10	79	<0.5	123	2.65	30	76
1.3	0.7	86	591	692	33	84	75	1.78	34	<10	104	<0.5	<2	0.94	10	40
<0.2	0.8	52	497	9	29	<2	44	1.51	<2	<10	144	<0.5	<2	1.09	10	36
0.6	<0.5	72	658	61	39	19	99	0.95	7	<10	25	<0.5	<2	1.99	28	42
1.8	<0.5	24	624	838	42	28	35	1.07	<2	<10	15	<0.5	10	3.67	17	56
0.4	<0.5	125	1130	6	33	13	42	0.6	<2	<10	88	<0.5	<2	5.23	26	67
0.6	2.8	223	448	15	119	19	769	1.7	69	<10	26	<0.5	<2	1.46	57	115
0.9	<0.5	163	1420	2	47	77	65	1.03	<2	<10	502	<0.5	<2	9.05	18	185

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0.9	3.6	552	975	69	79	8	544	1.31	19	<10	22	0.7	<2	2.32	58	90
0.7	<0.5	157	502	15	81	13	73	1.27	12	<10	34	0.5	<2	1.53	50	58
0.2	<0.5	9	398	2	6	4	38	0.68	<2	<10	167	<0.5	<2	1.9	4	19
0.7	4.1	303	292	5	105	63	1050	1.97	16	<10	29	<0.5	<2	0.15	54	58
<0.2	<0.5	22	994	11	86	<2	56	2.68	<2	<10	123	0.5	<2	5.46	33	140
0.4	0.8	102	774	7	32	18	207	1.01	25	<10	60	<0.5	<2	2.86	25	15
0.3	1.6	181	727	4	74	6	329	2.08	4	<10	30	<0.5	<2	2.15	34	40
0.6	3.9	302	520	20	138	20	1060	2.13	22	<10	25	<0.5	<2	1.13	51	100
0.7	1.3	55	478	107	37	53	144	1.51	50	<10	18	<0.5	<2	2.04	26	25
0.7	0.7	150	417	192	56	37	126	1.24	62	<10	16	<0.5	<2	1.42	38	30
<0.2	<0.5	21	1000	10	34	11	34	0.31	<2	<10	124	<0.5	<2	4.21	23	35
0.2	0.6	94	1010	<1	31	9	80	1.16	<2	<10	503	0.6	<2	4.66	21	66
0.6	0.5	72	510	12	26	6	58	1.03	4	<10	43	<0.5	<2	1.5	22	30
0.3	0.6	74	1360	16	35	13	54	0.6	<2	<10	84	<0.5	<2	5.43	26	53
0.9	5.8	304	337	29	116	30	1870	2.02	87	<10	18	<0.5	3	0.44	76	43
0.2	0.5	77	1380	3	86	<2	79	1.42	<2	<10	76	<0.5	<2	4.65	46	96

0.3	0.7	49	621	37	31	17	104	0.89	8	<10	22	<0.5	<2	1.53	27	36
0.3	<0.5	75	1280	5	55	14	57	0.73	<2	<10	103	<0.5	<2	5.36	21	91
0.4	<0.5	45	1260	62	106	12	80	1.02	<2	<10	105	<0.5	<2	5.54	37	145
0.4	0.6	176	1410	1	12	15	106	1.25	<2	<10	138	0.7	<2	3.88	51	3
0.6	0.6	168	509	172	75	6	77	1.98	14	<10	14	1.1	4	0.92	59	44
0.8	0.7	128	963	138	59	8	68	0.75	15	<10	13	0.5	3	2.81	42	44
<0.2	<0.5	56	876	3	80	23	64	0.83	<2	<10	219	<0.5	<2	4.69	25	127
0.2	0.6	45	1130	1	1	4	33	0.63	<2	<10	53	<0.5	<2	3.19	22	2
1.5	0.5	109	437	117	57	19	66	0.59	23	<10	<10	<0.5	5	1.06	43	52
<0.2	0.8	135	1400	2	11	<2	75	0.93	<2	<10	67	<0.5	<2	4.02	38	4
0.2	0.8	105	893	56	30	9	77	1.35	<2	<10	37	0.6	<2	2.65	28	25
0.4	0.8	49	717	44	25	13	111	0.78	3	<10	31	<0.5	<2	2.38	21	23
<0.2	0.6	42	894	<1	72	18	118	2.31	<2	<10	92	0.9	<2	6.23	26	190
<0.2	<0.5	63	425	1	11	3	36	1.68	<2	<10	104	<0.5	<2	3.07	11	15
<0.2	0.5	105	1020	<1	65	<2	64	2.35	<2	<10	213	2.1	<2	7.05	36	90
<0.2	<0.5	98	1050	<1	69	<2	61	2.66	<2	<10	314	2.2	<2	7.05	38	112
<0.2	<0.5	13	622	<1	24	2	49	1.53	<2	<10	105	0.6	<2	3.71	27	48

<0.2	<0.5	126	924	<1	65	7	61	2.57	<2	<10	153	3.8	<2	3.94	41	95
0.2	<0.5	163	821	<1	60	4	99	2.89	5	<10	45	0.9	<2	3.78	41	75
0.5	<0.5	307	432	3	25	6	29	1.34	<2	<10	30	1.6	<2	2.88	16	29
<0.2	0.6	65	1010	<1	112	3	69	2.67	<2	<10	42	2.7	<2	4.38	42	210
<0.2	<0.5	113	811	<1	99	<2	48	2.66	<2	<10	14	0.7	<2	4.34	39	170
1.2	<0.5	80	580	672	27	83	73	1.74	29	<10	69	<0.5	<2	0.95	9	39
<0.2	<0.5	52	514	11	25	<2	46	1.52	<2	<10	147	<0.5	<2	1.16	9	39
0.3	1.6	218	1180	6	444	10	313	2.62	27	<10	22	<0.5	<2	3.04	65	785
0.3	<0.5	108	1090	<1	105	<2	108	3.52	<2	<10	301	0.5	<2	5.33	46	131
0.2	0.6	194	1190	<1	55	<2	114	2.35	<2	<10	234	0.8	<2	3.28	52	89
<0.2	0.9	258	2020	<1	45	<2	134	5.45	<2	<10	41	<0.5	<2	3.56	54	81
0.3	0.6	156	1210	39	94	10	60	1.36	<2	<10	44	<0.5	4	3.82	48	164
19.9	0.6	379	1150	34	90	278	147	2.01	34	<10	53	<0.5	311	2.94	43	97
0.3	0.7	125	937	<1	86	7	48	1.87	<2	<10	247	<0.5	<2	4.67	47	143
<0.2	<0.5	182	1100	<1	92	3	92	3.31	<2	<10	31	<0.5	<2	4.39	46	158
0.2	<0.5	6	1070	1	182	8	59	1.59	<2	<10	177	0.5	<2	6.69	27	284
0.3	0.5	25	1420	3	224	8	128	1.77	<2	<10	398	0.6	<2	6.68	35	271
<0.2	<0.5	47	937	1	105	10	85	1.47	<2	<10	264	0.6	<2	5.07	30	150
0.4	0.5	48	1430	1	202	7	54	2.24	<2	<10	247	0.9	<2	6.95	37	312
0.3	<0.5	12	1810	99	194	50	89	1.73	<2	<10	366	1	<2	7.66	34	378

0.6	5.1	275	551	61	119	19	882	1.03	51	<10	55	<0.5	<2	2.5	64	101
0.9	0.8	163	539	11	83	45	114	0.99	15	<10	25	<0.5	2	1.35	43	140
10.6	0.8	193	428	150	84	19	65	0.71	29	<10	26	<0.5	3	1.57	65	58
0.4	<0.5	11	154	41	7	8	15	0.36	3	<10	117	<0.5	<2	0.92	4	65
0.4	<0.5	118	1150	<1	58	8	92	1.9	3	<10	101	0.6	<2	5.41	42	101
0.2	<0.5	122	1370	<1	97	3	113	2.28	<2	<10	173	0.8	<2	5.51	43	138
2	6.6	417	150	160	143	54	1240	1.02	25	<10	13	0.6	8	0.38	104	83
0.6	1.5	136	817	57	117	19	341	1.15	14	<10	46	0.5	<2	2.76	52	111
0.9	2.5	135	734	18	129	45	467	1.04	17	<10	25	<0.5	4	2.87	54	103
2	0.9	122	769	67	102	50	128	0.59	14	<10	29	<0.5	11	3.41	52	112
0.4	<0.5	145	1110	1	67	4	123	2.62	2	<10	297	1	<2	4.72	38	133
0.4	2.6	101	318	20	98	12	597	1.22	86	<10	17	<0.5	3	0.98	58	68
0.2	0.9	244	1880	2	178	5	151	2.66	27	<10	49	<0.5	<2	9.3	46	270
0.3	1.6	240	525	5	117	3	352	2.12	2	<10	77	<0.5	<2	0.38	53	98
0.3	0.5	106	1100	<1	52	4	68	2.36	<2	<10	201	0.6	<2	5.44	36	106
0.2	0.5	99	1190	<1	83	2	97	3	3	<10	220	0.6	<2	5.03	46	102
0.8	0.6	120	824	9	75	5	96	1.37	27	<10	20	0.6	<2	1.86	54	97
0.7	0.7	147	782	5	98	10	100	1.11	35	<10	18	<0.5	<2	1.86	58	123

2010 Prospecting and Trench Grab Sample Descriptions

0.4	<0.5	96	1390	<1	84	9	107	1.84	<2	<10	133	0.6	<2	4.86	35	114
0.5	0.9	117	1130	9	70	7	149	1.5	11	<10	48	0.7	<2	3.24	36	73
<0.2	<0.5	24	1010	2	53	15	76	1.67	2	<10	316	0.7	<2	4.59	23	64
0.4	1.2	99	974	20	69	21	187	1.31	20	<10	31	0.6	<2	2.28	37	76
1.1	<0.5	197	342	7	55	17	77	1.92	4	<10	42	<0.5	<2	0.11	47	39
<0.2	<0.5	25	155	<1	8	<2	38	0.52	<2	<10	26	<0.5	<2	0.12	6	33
1	0.6	217	336	9	82	30	109	1.82	33	<10	27	<0.5	<2	0.12	97	74
<0.2	0.5	20	1230	<1	22	10	69	1.7	<2	<10	25	<0.5	<2	1.62	16	39
<0.2	<0.5	23	418	<1	9	4	43	1.1	<2	<10	230	<0.5	<2	2.89	6	8
0.2	1.2	118	1070	<1	63	3	70	3.56	<2	<10	483	0.8	<2	4.96	32	252
0.2	1.1	92	1200	<1	118	<2	137	2.89	<2	<10	180	<0.5	<2	1.81	42	154
0.3	1.2	78	1200	<1	103	<2	70	1.28	<2	<10	79	<0.5	<2	4.28	35	164
0.2	<0.5	125	1140	<1	77	4	83	1.62	<2	<10	238	<0.5	<2	5.3	33	162
<0.2	1.3	101	1120	<1	112	<2	86	1.97	<2	<10	58	<0.5	<2	4.96	40	144
1.3	1.2	64	1480	<1	93	<2	70	0.83	<2	<10	69	<0.5	<2	5.17	34	146
<0.2	<0.5	18	343	1	15	3	33	0.46	<2	<10	518	<0.5	<2	0.83	8	145

2010 Prospecting and Trench Grab Sample Descriptions

0.2	<0.5	37	217	<1	14	2	42	0.67	<2	<10	279	<0.5	<2	0.23	9	83
0.2	<0.5	19	195	2	10	6	55	0.38	4	<10	241	<0.5	<2	0.64	8	45
0.3	0.7	75	1130	<1	95	<2	75	1.8	<2	<10	249	0.7	<2	5.57	41	164
0.3	0.5	105	1260	4	74	<2	84	2.41	<2	<10	351	0.6	<2	6.56	33	151
<0.2	0.7	11	2300	<1	123	<2	57	1.42	5	<10	213	<0.5	<2	5.29	44	65
0.3	0.9	88	1570	<1	86	2	54	0.99	7	<10	134	<0.5	<2	4.85	45	114
<0.2	<0.5	16	336	3	5	4	19	0.23	7	<10	30	<0.5	3	0.88	11	156
<0.2	0.6	74	1250	<1	66	3	62	2	<2	<10	248	0.8	<2	5.47	32	327
0.2	0.7	33	1180	<1	21	4	66	1.81	11	<10	44	<0.5	<2	3.36	41	29
0.4	0.9	109	1460	<1	30	5	58	1.69	17	<10	19	<0.5	<2	5.56	52	21
<0.2	0.8	41	1960	<1	31	3	23	0.58	12	<10	28	<0.5	<2	6.48	37	31
0.3	1	206	1120	<1	12	<2	57	1.71	11	<10	14	<0.5	<2	4.28	52	17
0.6	1.6	162	314	1	11	4	55	1.67	27	<10	39	<0.5	3	0.08	15	36

0.3	1	45	1060	<1	21	4	58	1.92	46	<10	51	<0.5	<2	3.22	45	49
0.2	1	124	1190	<1	109	<2	101	3.45	<2	<10	92	<0.5	<2	3.15	38	242
0.3	0.6	25	794	<1	29	2	47	1.46	14	<10	55	<0.5	<2	1.69	36	57
<0.2	<0.5	92	1170	<1	114	<2	92	4.08	3	<10	51	<0.5	<2	2.77	44	191
<0.2	<0.5	13	1000	<1	245	<2	68	3.16	<2	<10	43	<0.5	<2	2.31	34	434
<0.2	<0.5	2	279	<1	3	<2	32	0.46	<2	<10	63	<0.5	<2	1.06	5	10
<0.2	<0.5	5	285	<1	2	3	28	0.4	<2	<10	72	<0.5	<2	1.12	4	9
<0.2	<0.5	156	1040	<1	103	<2	51	2.66	<2	<10	23	<0.5	<2	7.15	37	130
0.4	0.8	45	1110	<1	120	5	76	1.67	<2	<10	119	0.7	<2	5.71	34	205
0.3	0.6	66	1790	<1	109	5	73	2.23	<2	<10	65	0.6	<2	5.02	34	124
0.2	<0.5	71	1700	<1	99	9	62	2	3	<10	88	<0.5	<2	5.88	30	118
0.2	<0.5	43	804	<1	36	7	34	1.89	<2	<10	61	<0.5	<2	4.38	7	5
0.5	0.7	76	1020	1	65	24	44	1.7	6	<10	165	0.5	<2	3.63	20	75
<0.2	<0.5	5	71	<1	<1	10	6	0.35	4	<10	115	<0.5	<2	0.08	5	8
0.3	<0.5	11	100	<1	<1	7	4	0.28	3	<10	113	<0.5	<2	0.17	2	25
7.3	7.5	121	1870	<1	132	1480	1180	1.34	17	<10	130	<0.5	<2	5.58	42	101
0.3	<0.5	54	181	<1	<1	20	9	0.41	11	<10	156	<0.5	<2	0.47	1	15
<0.2	<0.5	125	201	4	<1	12	5	0.71	12	<10	264	<0.5	<2	0.53	<1	11
0.9	<0.5	23	21	<1	<1	39	6	0.78	40	<10	353	<0.5	5	0.01	<1	11
0.3	0.7	70	1640	<1	132	4	69	1.56	<2	<10	160	<0.5	<2	6.43	43	167

2010 Prospecting and Trench Grab Sample Descriptions

<0.2	<0.5	13	299	<1	4	6	29	0.78	<2	<10	76	<0.5	<2	1.25	5	16
0.3	<0.5	94	1170	<1	120	5	92	3.42	<2	<10	136	1.6	<2	4.6	40	188
<0.2	<0.5	108	1060	<1	104	6	64	2.09	<2	<10	20	0.6	<2	4.2	35	181
1.5	0.8	103	1130	<1	147	42	92	2.06	<2	<10	138	0.5	<2	4.45	41	254
<0.2	<0.5	105	1230	<1	61	<2	104	3.78	3	<10	17	<0.5	<2	2.42	41	149
0.3	0.5	221	879	<1	105	4	67	1.12	<2	<10	72	<0.5	<2	2.51	54	66
<0.2	<0.5	128	616	<1	38	4	27	0.48	<2	<10	36	<0.5	<2	1	32	35
<0.2	<0.5	63	965	<1	89	<2	37	3.01	10	<10	15	<0.5	<2	5.8	30	144
<0.2	0.6	27	1110	<1	98	4	94	2.23	<2	<10	165	0.9	<2	3.89	28	163
<0.2	0.9	141	1140	<1	89	5	91	1.53	<2	<10	120	<0.5	<2	5.35	36	68
0.3	0.5	104	1750	<1	50	14	72	0.75	<2	<10	32	<0.5	<2	8.91	26	37
<0.2	0.5	110	1160	<1	77	<2	63	3.62	<2	<10	22	<0.5	<2	3.95	32	156
<0.2	<0.5	23	283	<1	16	<2	45	1.23	<2	<10	172	<0.5	<2	1.55	10	38
<0.2	<0.5	145	1240	1	63	<2	88	2.78	<2	<10	146	<0.5	<2	1.85	30	108
0.3	0.9	485	2060	<1	78	3	103	3.52	<2	<10	172	<0.5	<2	4.97	33	138
<0.2	0.6	81	1310	<1	142	<2	75	4.24	<2	<10	27	<0.5	<2	3.41	34	251
<0.2	<0.5	85	940	<1	73	<2	78	4.11	<2	<10	15	<0.5	<2	1.95	37	138
<0.2	<0.5	114	252	<1	16	<2	22	0.83	<2	<10	75	<0.5	<2	0.9	10	82
0.3	<0.5	426	1350	<1	113	<2	136	3.66	<2	<10	70	<0.5	<2	1.45	58	194
<0.2	<0.5	41	984	<1	96	<2	66	3.44	<2	<10	20	<0.5	<2	2.72	38	195

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<0.2	<0.5	17	346	<1	11	2	23	0.97	<2	<10	29	<0.5	<2	1.89	7	16
<0.2	<0.5	107	1240	<1	104	<2	101	3.95	<2	<10	16	<0.5	<2	5.5	36	197
<0.2	<0.5	9	846	<1	61	2	46	1.8	<2	<10	62	<0.5	<2	2.75	13	102
0.3	<0.5	157	1260	<1	160	8	91	3.84	12	<10	51	<0.5	<2	2.26	41	237
<0.2	<0.5	14	63	<1	<1	8	8	0.18	<2	<10	26	<0.5	<2	0.17	1	1
<0.2	<0.5	102	1200	<1	140	8	77	2.86	<2	<10	42	0.7	<2	2.79	45	245
<0.2	<0.5	2	37	<1	<1	<2	<2	0.06	<2	<10	14	<0.5	<2	0.03	<1	1
<0.2	<0.5	122	787	<1	15	<2	14	0.59	<2	<10	42	<0.5	<2	2.9	8	120
<0.2	<0.5	5	102	<1	<1	6	22	0.73	<2	<10	303	<0.5	<2	0.38	2	<1
0.9	<0.5	237	2050	<1	118	37	85	1.5	13	<10	81	<0.5	<2	6.86	41	76

2010 Prospecting and Trench Grab Sample Descriptions

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Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Na (%)	P (%)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Te (ppm)	Tl (ppm)	U (ppm)	V (ppm)
7.99	<10	<1	0.14	<10	2.72	0.023	0.027	0.09	4	11	48	<0.01	<1	2	<10	112
4.21	<10	<1	0.22	<10	1.07	0.031	0.051	0.04	4	5	92	<0.01	<1	<2	<10	21
5.62	<10	<1	0.52	<10	3.54	0.036	0.289	1.34	4	19	295	0.1	4	<2	<10	112
5.63	<10	<1	2.33	24	6.43	0.063	0.095	0.13	5	19	452	0.28	5	<2	<10	165
6.27	10	<1	0.22	21	8.18	0.017	0.059	0.04	6	22	407	0.04	7	2	<10	155
0.29	<10	<1	<0.01	<10	0.06	0.022	<0.001	<0.01	<2	<1	11	<0.01	<1	<2	<10	3
4.38	10	<1	1.53	62	4	0.047	0.186	0.03	<2	13	413	0.24	<1	<2	<10	114
3.96	<10	<1	1.13	20	4.48	0.054	0.055	0.17	4	14	563	0.13	<1	<2	<10	71
5.61	<10	<1	0.75	63	3.99	0.034	0.338	0.74	3	10	516	0.12	9	<2	<10	175
5.08	<10	<1	0.08	21	3.35	0.046	0.08	1.41	2	16	367	0.02	<1	<2	<10	88
3.95	<10	<1	0.2	25	2.8	0.063	0.1	1.13	<2	12	356	0.03	<1	<2	<10	50
3.86	<10	<1	1.08	17	4.37	0.041	0.032	0.41	3	14	593	0.1	<1	2	<10	68
3.76	<10	<1	1.48	20	4.44	0.05	0.041	0.2	3	15	626	0.14	6	<2	<10	70
12.2	10	<1	0.06	17	1.49	0.057	0.031	9.91	4	17	18	0.01	6	<2	<10	169
5.55	<10	<1	0.16	16	1.42	0.073	0.07	1.33	4	9	267	0.02	6	<2	<10	77

1.69	<10	<1	0.02	23	0.35	0.107	0.099	0.4	3	3	77	<0.01	2	<2	<10	15
1.37	<10	<1	0.24	32	0.43	0.069	0.072	0.14	<2	1	101	0.01	<1	<2	<10	15
2.93	<10	<1	0.15	26	0.61	0.113	0.082	1.43	4	6	99	0.02	4	<2	<10	29
1.36	<10	<1	0.09	17	0.36	0.113	0.059	0.69	<2	2	73	<0.01	<1	<2	<10	8
1.26	<10	<1	0.25	33	0.33	0.072	0.073	0.15	<2	1	81	<0.01	<1	<2	<10	12
2.04	<10	<1	0.19	33	0.78	0.06	0.084	0.17	<2	2	134	<0.01	<1	<2	<10	20
1.8	<10	<1	0.15	50	0.68	0.073	0.074	0.23	<2	2	132	<0.01	1	<2	<10	21
1.76	<10	1	0.25	29	0.52	0.149	0.076	0.31	2	3	114	0.03	<1	<2	<10	39
1.56	<10	<1	0.13	29	0.29	0.076	0.066	0.35	<2	1	55	<0.01	1	<2	<10	15
1.49	<10	<1	0.18	32	0.44	0.141	0.073	0.44	2	3	91	0.02	<1	<2	<10	28
1.47	<10	<1	0.04	21	0.34	0.103	0.063	0.61	<2	2	81	<0.01	<1	<2	<10	5
1.46	<10	<1	0.09	22	0.25	0.101	0.059	0.8	<2	1	64	<0.01	<1	<2	<10	14
1.39	<10	<1	0.07	25	0.45	0.085	0.062	0.54	<2	2	172	<0.01	3	<2	<10	9

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7.31	<10	<1	0.27	<10	2.18	0.045	0.056	0.64	4	9	350	0.13	5	<2	<10	119
3.3	<10	<1	0.09	30	1.7	0.066	0.069	0.49	2	5	304	0.02	<1	<2	<10	29
1.89	<10	<1	0.05	30	0.73	0.078	0.073	0.11	<2	3	125	<0.01	<1	<2	<10	29
5.52	<10	<1	0.3	27	3.17	0.037	0.088	0.57	3	9	452	0.07	<1	<2	<10	76
1.86	<10	<1	0.09	30	0.56	0.086	0.068	0.54	<2	2	77	<0.01	1	4	<10	10
3.85	<10	<1	0.38	27	1.2	0.07	0.075	0.44	<2	5	242	0.08	<1	<2	<10	64
1.33	<10	<1	0.17	31	0.49	0.078	0.07	0.1	<2	1	90	<0.01	<1	<2	<10	14
3.97	<10	<1	0.17	26	1.6	0.066	0.076	0.43	<2	5	286	<0.01	4	<2	<10	54
5.79	10	<1	1.02	31	6.33	0.021	0.127	0.12	6	22	841	0.13	2	<2	<10	173
6.62	10	<1	0.22	<10	2.53	0.04	0.027	1.16	3	17	300	0.17	<1	<2	<10	169
6.97	10	<1	0.67	<10	2.34	0.055	0.021	2.76	3	22	323	0.23	3	<2	<10	132
5.61	<10	<1	0.25	11	0.86	0.032	0.02	4	<2	3	28	0.04	<1	<2	<10	29
6.31	10	<1	0.64	10	1.67	0.07	0.112	0.78	<2	20	170	0.25	3	<2	<10	164
5.68	<10	<1	0.28	10	0.72	0.019	0.033	4.14	<2	2	21	0.09	<1	<2	<10	20
3.67	<10	<1	0.23	11	0.68	0.11	0.048	0.66	5	6	63	0.15	3	<2	<10	81
3.23	<10	<1	0.12	<10	0.68	0.11	0.055	0.06	<2	6	56	0.17	<1	<2	<10	71
7.44	<10	<1	0.31	13	0.87	0.025	0.037	6.08	3	3	48	0.12	<1	<2	<10	30

6.81	<10	<1	0.22	<10	1.95	0.028	0.022	0.06	<2	12	59	<0.01	<1	<2	<10	107
6.38	<10	<1	0.08	<10	2.08	0.026	0.017	0.18	3	15	83	0.01	6	<2	<10	111
7.14	<10	<1	0.13	<10	2.34	0.024	0.041	0.14	4	16	78	0.03	<1	<2	<10	133
10.2	<10	<1	0.22	<10	0.86	0.027	0.015	7.76	3	3	7	<0.01	<1	<2	<10	48
7.55	<10	<1	0.26	11	0.9	0.02	0.031	5.35	4	2	9	<0.01	<1	<2	<10	22
6.05	<10	<1	1.16	<10	2.16	0.04	0.016	0.75	3	22	175	0.28	69	<2	<10	302
5.68	<10	<1	0.04	<10	1.32	0.084	0.035	2.29	<2	9	10	0.05	<1	<2	<10	77
6.59	10	<1	0.09	12	1.63	0.068	0.045	1.29	6	13	12	0.3	4	<2	<10	102
5.69	<10	<1	0.24	<10	0.67	0.022	0.019	4.39	3	2	8	<0.01	2	<2	<10	26
9.14	10	<1	0.17	20	4.24	0.017	0.061	0.61	4	14	6	0.01	1	<2	<10	138
5.43	<10	<1	0.35	18	0.96	0.027	0.04	2.46	2	3	50	0.02	<1	<2	<10	26
7.46	<10	<1	0.33	15	1.31	0.022	0.026	3.4	3	3	10	0.01	<1	<2	<10	28
5.23	10	<1	1.32	67	3.44	0.092	0.165	0.29	<2	17	336	0.23	<1	<2	<10	154
6.98	<10	<1	0.36	16	0.98	0.023	0.058	3.71	3	3	11	<0.01	<1	<2	<10	27
10.1	<10	<1	0.43	16	0.74	0.023	0.048	7.8	4	3	6	0.03	4	<2	<10	30
7.54	<10	<1	0.26	<10	2.4	0.037	0.027	2.63	<2	25	115	0.13	10	<2	<10	233
7.17	<10	<1	0.21	<10	1.53	0.034	0.028	2.92	4	6	10	0.1	<1	<2	<10	57

2.45	<10	<1	0.25	29	0.45	0.079	0.069	1.5	<2	2	86	0.02	<1	<2	<10	25
9.11	<10	<1	0.34	17	0.62	0.022	0.047	3.7	3	3	8	<0.01	5	<2	<10	33
12.3	<10	<1	0.26	<10	0.84	0.043	0.015	10.5	5	8	7	0.02	2	2	<10	75
6.26	<10	<1	0.76	14	1.2	0.065	0.038	3.83	3	6	96	0.11	7	<2	<10	66
7.68	10	<1	1.8	<10	3.29	0.048	0.042	0.72	<2	38	224	0.25	<1	<2	<10	247
7.95	<10	<1	0.62	<10	2.33	0.05	0.025	0.23	5	21	158	0.09	<1	<2	<10	188
8.45	10	<1	1.05	<10	3.95	0.047	0.024	0.57	5	41	213	0.16	<1	<2	<10	253
6.62	<10	<1	0.54	<10	3.14	0.045	0.035	0.47	3	31	178	0.08	3	3	<10	186
6.08	<10	<1	0.13	<10	1.08	0.022	0.034	0.22	<2	9	98	0.12	<1	<2	<10	82
7.54	<10	<1	0.79	<10	2.72	0.082	0.024	0.68	<2	25	190	0.11	2	2	<10	157
3.26	<10	<1	0.85	28	1.85	0.103	0.071	0.63	<2	10	155	0.1	<1	<2	<10	53
0.77	<10	<1	0.03	<10	0.23	0.027	0.001	0.02	<2	2	87	<0.01	<1	<2	<10	10
2.94	<10	<1	0.3	<10	1.14	0.03	0.016	0.67	<2	6	80	0.02	<1	3	<10	33
3.67	<10	<1	0.39	<10	1.78	0.068	0.008	0.38	<2	14	161	0.06	3	<2	<10	64
4.6	<10	<1	0.34	<10	2.33	0.05	0.012	0.64	<2	12	231	0.03	<1	<2	<10	64
6.31	<10	<1	0.48	<10	2.76	0.059	0.017	0.96	<2	15	235	0.05	1	3	<10	96
5.08	<10	<1	0.44	14	1.98	0.085	0.041	0.5	<2	12	118	0.05	<1	<2	<10	103

6.35	<10	<1	0.24	13	2.35	0.097	0.059	0.94	<2	17	176	0.03	2	2	<10	146
6.72	<10	<1	0.68	<10	3.84	0.054	0.02	0.36	<2	19	326	0.06	<1	2	<10	124
8.86	<10	2	0.47	<10	0.37	0.023	0.018	8.68	3	3	56	0.03	5	<2	<10	25
5.27	<10	<1	0.35	<10	0.34	0.028	0.017	4.67	<2	3	125	0.02	2	<2	<10	19
8.37	<10	2	0.6	<10	0.97	0.039	0.036	7.69	3	6	87	0.06	4	<2	<10	47
8.22	<10	2	0.63	11	0.56	0.044	0.044	7.53	2	5	52	0.07	7	<2	<10	44
14.9	<10	3	0.2	<10	0.38	0.034	0.015	11.1	6	3	32	0.04	44	<2	<10	81
5.09	<10	<1	0.62	<10	1.3	0.076	0.041	3.44	<2	10	103	0.11	135	<2	<10	59
3.71	<10	3	0.18	<10	0.75	0.092	0.053	0.79	21	6	60	0.16	<1	<2	<10	81
3.26	<10	<1	0.11	<10	0.68	0.112	0.053	0.06	<2	6	54	0.17	2	<2	<10	71
4.83	<10	<1	0.48	<10	0.78	0.097	0.026	4.02	<2	7	56	0.06	4	<2	<10	45
2.94	<10	<1	0.01	<10	1.34	0.086	0.018	1.58	<2	10	116	<0.01	6	<2	<10	29
4.34	<10	<1	0.33	<10	2.41	0.122	0.006	0.7	3	19	202	0.06	<1	<2	<10	78
7.41	10	<1	0.45	14	0.91	0.076	0.034	6.77	4	8	40	0.08	4	<2	<10	70
4.98	<10	<1	0.66	54	2.57	0.089	0.129	0.26	<2	19	647	0.1	<1	<2	<10	123

8.67	10	<1	0.74	17	1.22	0.187	0.045	7.22	3	16	69	0.26	4	<2	<10	152
6.47	10	<1	0.77	11	0.9	0.094	0.02	5.47	3	7	64	0.09	3	<2	<10	61
1.18	<10	<1	0.21	22	0.31	0.151	0.057	0.48	<2	2	60	0.01	<1	<2	<10	11
7.21	<10	<1	0.62	11	0.59	0.031	0.031	4.45	3	4	8	0.01	<1	<2	<10	31
5.77	10	<1	1.37	<10	2.87	0.057	0.021	0.77	3	13	63	0.22	<1	<2	<10	138
4.71	<10	<1	0.39	<10	0.27	0.028	0.015	2.67	<2	2	30	<0.01	<1	3	<10	14
6.86	<10	<1	0.63	15	0.9	0.036	0.034	3.69	5	4	34	<0.01	1	<2	<10	38
8.13	<10	<1	0.63	13	1	0.031	0.033	5.13	3	4	17	<0.01	5	<2	<10	38
5.33	<10	<1	0.62	10	0.41	0.039	0.022	5.33	<2	3	39	<0.01	2	<2	<10	24
6.48	<10	<1	0.42	11	0.51	0.069	0.027	6.06	<2	3	39	0.01	11	<2	<10	28
4.23	<10	<1	0.13	<10	1.66	0.167	0.031	0.88	2	9	207	0.03	3	3	<10	61
5.77	<10	<1	0.9	10	2.27	0.177	0.08	0.13	<2	18	228	0.14	13	<2	<10	153
4.4	<10	<1	0.16	19	0.86	0.164	0.045	2.91	<2	5	56	0.04	<1	<2	<10	49
6.12	<10	<1	0.42	<10	2.39	0.138	0.04	0.66	3	17	273	0.22	3	<2	<10	130
8.89	<10	<1	0.72	15	0.55	0.027	0.035	7.5	2	5	11	<0.01	6	<2	<10	38
8.38	<10	<1	0.89	<10	2.79	0.117	0.03	0.49	2	15	180	0.16	<1	<2	<10	184

4.41	<10	<1	0.29	<10	0.73	0.154	0.013	3.44	2	6	71	0.04	9	<2	<10	23
5.38	<10	<1	0.46	<10	2.06	0.167	0.046	0.42	2	16	264	0.11	11	2	<10	115
5.92	<10	<1	0.73	11	2.66	0.111	0.037	0.92	<2	13	277	0.11	4	<2	<10	119
11.5	<10	<1	0.91	<10	2.1	0.078	0.048	0.72	2	16	181	0.1	<1	<2	<10	326
9.1	10	<1	1.25	<10	0.87	0.041	0.037	7.74	<2	8	41	0.1	11	<2	<10	109
7.19	<10	<1	0.39	<10	1	0.107	0.031	6.18	<2	7	136	0.02	<1	<2	<10	29
2.92	<10	<1	0.52	17	2.17	0.115	0.045	0.49	<2	13	291	0.07	6	<2	<10	48
9.06	<10	<1	0.25	<10	0.78	0.082	0.094	1.53	5	9	71	0.01	<1	<2	<10	93
9.55	<10	<1	0.25	<10	0.48	0.195	0.017	8.73	2	8	41	0.03	2	<2	<10	31
10.6	<10	<1	0.61	<10	2.04	0.114	0.069	0.84	4	18	177	0.09	<1	3	<10	224
4.82	<10	<1	0.82	<10	1.02	0.071	0.033	3.11	3	7	157	0.05	<1	5	<10	44
4.01	<10	<1	0.44	18	0.74	0.128	0.049	2.5	<2	5	120	0.04	6	3	<10	36
4.74	10	<1	1.72	73	3.32	0.113	0.166	0.71	<2	14	720	0.23	<1	2	<10	127
2.78	<10	<1	0.15	25	0.8	0.102	0.02	0.24	<2	6	135	0.11	3	<2	<10	30
7.06	<10	<1	1.83	<10	2.99	0.128	0.037	0.68	3	22	128	0.29	<1	<2	<10	190
6.77	<10	<1	2.19	<10	3.23	0.088	0.028	0.56	<2	26	142	0.31	7	3	<10	190
3.81	<10	<1	0.36	23	1.48	0.16	0.058	1	<2	13	119	0.21	<1	<2	<10	90

7.49	10	<1	1.25	<10	3.2	0.165	0.023	0.47	<2	18	123	0.36	<1	<2	<10	197
6.79	10	<1	0.09	11	2.63	0.061	0.022	1.38	<2	16	209	0.3	1	<2	<10	144
5.32	<10	<1	0.42	19	1.05	0.113	0.039	3.03	<2	8	84	0.2	2	<2	<10	114
6.97	<10	<1	0.25	<10	3.54	0.128	0.02	0.4	<2	13	60	0.3	<1	<2	<10	161
5.12	<10	<1	0.04	<10	3.16	0.211	0.009	0.44	<2	12	51	0.24	11	<2	<10	109
3.59	<10	2	0.18	<10	0.74	0.09	0.053	0.78	16	6	63	0.16	<1	<2	<10	81
3.28	<10	<1	0.12	<10	0.7	0.116	0.055	0.06	2	6	58	0.17	<1	4	<10	74
8.28	10	<1	0.04	15	2.75	0.04	0.023	2.85	7	20	53	0.39	6	<2	<10	164
9.24	10	<1	1.49	<10	3.4	0.034	0.016	0.56	2	18	238	0.29	2	<2	<10	194
10.3	10	<1	1.17	<10	2.96	0.058	0.017	0.59	3	30	110	0.17	<1	3	<10	395
14.6	20	1	0.06	<10	3.03	0.029	0.012	0.49	5	35	22	<0.01	<1	4	<10	294
6.11	<10	<1	0.08	<10	1.51	0.045	0.01	0.81	4	13	85	<0.01	<1	<2	<10	94
12.6	<10	1	0.17	<10	1.42	0.031	0.012	2.07	4	6	50	<0.01	14	<2	<10	67
6.86	<10	<1	0.41	<10	2.35	0.077	0.012	0.64	2	19	215	0.07	4	<2	<10	217
7.67	10	<1	0.04	<10	4.16	0.033	0.013	0.68	4	29	184	0.02	<1	<2	<10	200
4.29	<10	<1	0.65	23	3.77	0.03	0.019	0.27	<2	12	386	0.07	5	<2	<10	90
5.64	<10	<1	1.47	27	4.72	0.054	0.057	0.37	3	13	377	0.12	<1	4	<10	110
4.52	<10	<1	1.14	33	3.43	0.095	0.074	0.54	3	12	275	0.1	3	<2	<10	98
5.87	<10	<1	1.01	35	4.92	0.031	0.052	0.12	3	15	434	0.12	6	<2	<10	118
5.99	<10	<1	1.38	43	4.2	0.079	0.046	0.49	<2	23	454	0.17	<1	<2	<10	95

7.61	<10	<1	0.38	14	0.58	0.024	0.013	5.38	4	2	78	0.01	3	<2	<10	20
8.23	<10	<1	0.65	<10	1.12	0.117	0.006	5.1	4	10	47	0.11	<1	<2	<10	72
8.49	<10	<1	0.34	<10	0.28	0.026	0.013	6.16	3	3	43	<0.01	12	<2	<10	21
0.87	<10	<1	0.15	15	0.1	0.085	0.007	0.42	<2	<1	54	0.01	1	<2	<10	6
8.45	10	<1	0.66	10	2.76	0.07	0.021	1.26	<2	19	206	0.13	<1	<2	<10	187
9.27	10	<1	1.54	<10	3.17	0.069	0.013	0.44	3	21	227	0.27	<1	<2	<10	231
10.8	<10	<1	0.52	12	0.48	0.03	0.011	7.58	3	5	13	0.03	21	<2	<10	44
7.42	<10	<1	0.65	<10	1.08	0.039	0.014	4.84	3	7	87	0.06	5	<2	<10	53
8.69	<10	<1	0.6	<10	0.79	0.041	0.017	5.98	3	7	68	0.05	9	<2	<10	50
7.55	<10	<1	0.24	<10	0.55	0.06	0.011	5.36	3	7	94	0.02	21	<2	<10	28
8.25	10	<1	2.16	18	3.13	0.08	0.027	0.6	3	22	237	0.4	2	<2	<10	216
7.57	<10	<1	0.34	14	0.52	0.021	0.007	4.75	3	3	12	0.17	<1	<2	<10	26
7.66	<10	<1	0.1	18	2.48	0.025	0.018	0.62	3	14	270	0.17	<1	<2	<10	101
6.77	<10	<1	0.25	17	1.45	0.022	0.01	2.11	<2	3	7	0.19	<1	<2	<10	31
7.74	10	<1	1.91	<10	2.39	0.064	0.011	0.63	<2	21	197	0.37	5	<2	<10	222
9.46	10	<1	2.09	<10	2.91	0.049	0.01	0.4	<2	20	147	0.41	3	<2	<10	234
9.23	10	1	0.91	<10	1.66	0.083	0.049	5.61	<2	14	84	0.19	2	<2	<10	154
10.1	10	<1	0.76	<10	1.55	0.064	0.036	6.95	5	12	103	0.15	<1	<2	<10	121

2010 Prospecting and Trench Grab Sample Descriptions

7.78	10	2	1	<10	3.15	0.067	0.055	1.23	<2	19	232	0.25	<1	<2	<10	194
7.12	10	3	0.9	16	2.09	0.12	0.21	2.95	3	15	174	0.18	1	4	<10	128
5.23	10	<1	1.24	37	2.28	0.14	0.257	0.53	2	14	299	0.24	1	<2	<10	137
6.88	10	2	0.76	20	1.6	0.149	0.199	3.74	<2	14	145	0.18	2	<2	<10	115
7.35	10	2	0.24	17	1.2	0.022	0.07	2.3	2	3	11	<0.01	2	<2	<10	38
1.65	<10	<1	0.04	<10	0.39	0.025	0.029	0.16	<2	<1	6	<0.01	<1	<2	<10	8
8.47	10	2	0.11	11	1.28	0.042	0.053	4.85	11	11	7	<0.01	1	<2	<10	100
4.68	<10	<1	0.01	<10	0.87	0.022	0.006	0.04	<2	5	28	0.07	3	<2	<10	87
1.24	<10	<1	0.37	32	0.37	0.037	0.075	0.11	<2	1	55	0.08	3	<2	<10	7
6.36	10	<1	1.05	23	3.96	0.055	0.134	0.11	<2	24	251	0.27	8	<2	<10	209
7.91	10	<1	0.57	<10	2.92	0.036	0.048	0.13	2	13	66	0.12	<1	<2	<10	132
6.57	<10	<1	0.4	<10	2.4	0.039	0.016	0.21	2	10	152	0.04	<1	<2	<10	112
6.31	<10	<1	1.25	<10	2.61	0.069	0.008	0.3	<2	18	226	0.16	5	<2	<10	153
7.72	<10	<1	0.59	<10	3.14	0.034	0.015	0.36	2	9	166	0.05	<1	<2	<10	120
7.59	<10	<1	0.49	<10	2.45	0.049	0.009	0.21	2	10	197	0.05	<1	<2	<10	136
1.34	<10	<1	0.22	31	0.41	0.065	0.036	0.24	<2	2	46	0.02	<1	<2	<10	23

1.42	<10	<1	0.37	24	0.39	0.057	0.018	0.23	<2	2	18	0.04	<1	<2	<10	26
1.21	<10	<1	0.19	33	0.25	0.081	0.014	0.21	<2	2	26	0.02	1	<2	<10	10
7	10	<1	0.97	<10	2.17	0.087	0.016	0.68	2	27	163	0.14	<1	<2	<10	225
7.67	10	<1	1.44	<10	2.88	0.051	0.041	0.5	<2	29	317	0.22	4	<2	<10	224
6.85	<10	<1	0.37	<10	2.18	0.025	0.029	1.14	<2	7	154	0.01	<1	<2	<10	44
6.24	<10	<1	0.32	<10	1.24	0.047	0.026	1.99	3	12	133	0.04	<1	<2	<10	63
3.31	<10	<1	0.09	<10	0.19	0.067	0.028	0.95	<2	4	39	0.08	<1	<2	<10	39
5.58	<10	<1	1.38	15	3.65	0.08	0.114	0.2	<2	27	195	0.19	<1	<2	<10	182
8.93	<10	<1	0.12	<10	2.26	0.067	0.046	4.03	2	25	97	0.13	<1	<2	<10	152
11.1	<10	<1	0.02	<10	2.25	0.041	0.037	6.32	4	24	147	0.11	4	<2	<10	130
6.32	<10	<1	0.02	<10	1.5	0.062	0.067	3.03	3	19	175	0.05	1	<2	<10	67
11.8	<10	<1	<0.01	<10	1.72	0.048	0.063	6.19	5	24	126	0.1	2	3	<10	245
14.7	10	1	0.03	<10	1.3	0.06	0.112	1.92	7	22	24	0.13	8	<2	<10	144

10.9	10	<1	0.35	<10	2.2	0.051	0.053	5.51	3	28	81	0.21	2	<2	<10	178
8.08	10	<1	0.44	<10	3.55	0.043	0.021	0.73	3	34	83	0.17	10	<2	<10	250
8.65	<10	<1	0.25	<10	1.43	0.085	0.058	3.33	4	17	49	0.15	7	<2	<10	131
7.87	10	<1	0.09	<10	2.9	0.033	0.023	0.07	4	18	44	0.29	5	6	<10	167
5.09	<10	<1	0.11	22	4.02	0.069	0.083	0.08	<2	8	62	0.21	2	2	<10	113
1.45	<10	<1	0.14	14	0.3	0.15	0.044	0.31	<2	3	24	0.02	<1	<2	<10	22
1.32	<10	<1	0.13	13	0.24	0.152	0.036	0.26	<2	2	30	0.02	6	<2	<10	24
6.75	10	3	0.01	<10	2.59	0.056	0.018	0.52	3	22	95	0.2	9	<2	<10	165
6.41	<10	<1	1.13	<10	1.95	0.111	0.018	0.24	4	19	100	0.3	2	<2	<10	159
9.17	<10	1	0.41	<10	2.53	0.042	0.017	0.96	5	12	265	0.04	3	2	<10	111
8.17	<10	1	0.46	<10	2.36	0.05	0.016	1.18	<2	12	290	0.05	<1	2	<10	104
4.08	<10	<1	0.15	<10	1.01	0.056	0.007	0.24	2	3	50	<0.01	<1	<2	10	10
4.75	<10	<1	0.26	<10	0.86	0.072	0.019	0.65	<2	6	121	<0.01	<1	<2	10	60
1.62	<10	<1	0.13	<10	0.03	0.102	0.019	0.93	<2	<1	30	<0.01	<1	<2	<10	3
0.57	<10	<1	0.11	<10	0.02	0.062	0.01	0.19	<2	<1	14	<0.01	<1	<2	<10	2
6.85	<10	<1	0.36	<10	1.8	0.057	0.024	1.84	4	11	394	0.02	1	3	<10	75
0.69	<10	<1	0.17	11	0.03	0.083	0.012	0.24	<2	<1	29	<0.01	<1	<2	<10	3
0.81	<10	<1	0.36	17	0.03	0.035	0.017	0.24	<2	<1	25	<0.01	<1	<2	<10	2
0.63	<10	<1	0.38	16	0.04	0.029	0.005	0.02	<2	<1	5	<0.01	<1	<2	<10	3
6.58	<10	<1	0.72	<10	1.63	0.075	0.024	0.97	3	13	531	0.12	2	4	<10	118

2010 Prospecting and Trench Grab Sample Descriptions

1.24	<10	<1	0.13	12	0.41	0.103	0.03	0.11	<2	2	74	0.12	<1	<2	<10	25
6.29	10	1	0.95	<10	2.49	0.08	0.022	0.32	2	20	145	0.38	4	3	<10	180
6.17	<10	<1	0.09	<10	1.63	0.122	0.018	0.38	3	14	103	0.34	<1	<2	<10	150
7.14	10	2	1.39	<10	2.32	0.119	0.018	0.26	3	24	117	0.33	<1	2	16	186
8.4	10	2	0.01	<10	2.91	0.06	0.047	0.12	3	15	87	0.53	<1	2	<10	208
7.48	<10	<1	0.36	<10	1.11	0.069	0.033	2.27	3	11	81	0.03	<1	<2	<10	121
3.52	<10	<1	0.13	<10	0.27	0.123	0.015	1.27	<2	5	33	<0.01	<1	3	<10	48
4.29	<10	1	<0.01	<10	1.78	0.016	0.015	0.08	2	14	91	0.27	4	3	<10	116
5.74	<10	<1	0.87	<10	2.5	0.127	0.01	0.07	2	21	123	0.11	<1	4	<10	176
5.18	<10	<1	0.3	<10	1.52	0.062	0.035	0.25	<2	15	198	0.01	<1	3	<10	155
4.59	<10	<1	0.07	11	1.54	0.056	0.047	0.52	<2	20	478	<0.01	<1	<2	<10	64
6.58	10	<1	0.01	<10	3.02	0.04	0.019	0.08	3	18	85	0.27	3	<2	<10	161
1.86	<10	<1	0.33	16	0.86	0.099	0.039	0.11	<2	3	88	0.15	<1	<2	<10	42
7	<10	2	0.37	<10	1.86	0.036	0.025	0.9	2	10	38	0.15	4	4	<10	117
9.86	<10	3	0.52	<10	2.29	0.023	0.022	1.06	2	11	72	0.24	1	4	<10	140
6.82	10	2	0.04	<10	3.15	0.049	0.024	0.03	<2	17	15	<0.01	2	4	<10	176
8.11	10	<1	<0.01	<10	3.35	0.033	0.028	0.11	2	14	70	0.36	<1	<2	<10	148
2.14	<10	<1	0.07	24	0.59	0.128	0.049	0.46	<2	4	61	0.16	<1	<2	<10	48
9.1	<10	<1	0.31	<10	2.31	0.027	0.024	0.97	2	9	28	0.28	9	<2	<10	129
6.45	<10	<1	0.03	<10	2.76	0.077	0.015	0.02	2	14	58	0.33	3	<2	<10	128

2010 Prospecting and Trench Grab Sample Descriptions

1.7	<10	<1	0.03	27	0.65	0.047	0.052	0.06	<2	4	70	0.14	<1	<2	<10	42
7.59	10	<1	<0.01	<10	3.56	0.028	0.015	0.09	4	20	23	0.19	<1	<2	<10	145
3.88	<10	<1	0.05	<10	1.44	0.036	0.011	0.34	<2	10	40	<0.01	6	<2	<10	86
10.4	10	1	0.14	<10	3.16	0.037	0.024	0.76	7	15	27	<0.01	<1	<2	<10	135
0.48	<10	<1	0.06	11	0.04	0.039	0.013	0.13	<2	<1	22	<0.01	<1	<2	<10	3
7.56	<10	<1	0.35	<10	2.51	0.092	0.017	0.2	<2	17	92	0.34	<1	<2	<10	168
0.24	<10	<1	<0.01	<10	0.03	0.021	0.005	<0.01	<2	<1	2	<0.01	<1	<2	<10	4
1.63	<10	<1	0.05	<10	0.24	0.027	0.006	0.07	<2	3	14	<0.01	<1	<2	<10	38
0.56	<10	<1	0.31	17	0.12	0.089	0.025	0.01	<2	<1	51	<0.01	<1	<2	<10	5
8	<10	<1	0.65	<10	2.61	0.034	0.017	1.22	3	10	422	0.04	<1	<2	<10	59

2010 Prospecting and Trench Grab Sample Descriptions

2010 Prospecting and Trench Grab Sample Descriptions

2010 Prospecting and Trench Grab Sample Descriptions

W (ppm)	**Y (ppm)**	**Zr (ppm)**	Au + 100 mesh (g/mt)	Au - 100 mesh (A) g/mt	Au - 100 mesh (B) g/mt	Total Au g/mt	+ 100 mesh (g)	- 100 mesh (g)	Total Weight (g)	Ag (g/mt)	File Number
<10	2	6									
<10	5	10									
<10	13	9									
<10	8	36									
<10	8	32									
<10	<1	<1									
<10	12	15									
<10	8	55									
<10	18	8									
<10	9	33									
<10	10	38									
<10	9	40									
<10	9	44									
<10	7	98									
<10	6	38									

<10	5	22
<10	5	28
<10	7	53
<10	4	37
<10	4	25
<10	6	24
<10	6	24
<10	5	56
<10	4	29
<10	5	44
<10	4	24
<10	4	34
<10	5	26

<10	6	24
<10	7	30
<10	6	25
<10	10	33
<10	5	25
<10	6	36
<10	4	26
<10	6	18
<10	15	26
<10	6	23
<10	11	20
<10	6	53
<10	11	40
<10	7	69
14	14	13
<10	10	17
<10	9	81

<10	4	4
<10	6	4
<10	8	8
<10	5	79
<10	5	70
<10	4	12
<10	6	53
<10	12	59
<10	4	50
<10	6	33
<10	7	64
<10	8	79
<10	11	22
<10	6	79
<10	6	140
<10	6	17
<10	8	69

<10	5	41
<10	4	89
<10	4	84
<10	7	81
<10	7	12
<10	4	16
<10	7	12
<10	7	19
<10	7	7
<10	4	15
<10	10	76
<10	1	<1
<10	2	15
<10	3	9
<10	3	10
<10	4	14
<10	5	30

<10	7	50
<10	6	31
<10	4	73
<10	4	44
<10	7	102
<10	6	118
12	2	21
<10	4	26
<10	10	21
<10	10	18
<10	5	57
<10	4	26
<10	3	8
<10	9	101
<10	12	9

10	10	88
<10	5	91
<10	5	37
<10	6	101
<10	6	6
<10	4	38
<10	7	64
10	7	86
<10	4	61
<10	5	79
<10	4	13
<10	8	44
<10	4	55
<10	5	28
<10	6	99
<10	4	22

<10	4	54
<10	7	56
<10	7	50
<10	6	43
<10	5	115
<10	6	86
<10	9	45
<10	9	14
<10	5	100
<10	6	39
<10	6	75
<10	5	41
<10	12	25
<10	15	37
<10	12	21
<10	11	27
<10	7	54

<10	11	22
<10	12	21
<10	13	65
<10	10	9
<10	6	9
<10	10	23
<10	10	18
10	11	74
<10	8	29
<10	5	32
<10	4	13
<10	4	21
<10	4	39
<10	6	17
<10	6	16
<10	9	58
<10	11	103
<10	11	57
<10	10	17
<10	16	65

<10	8	113
<10	5	69
<10	10	130
<10	4	101
<10	13	60
<10	8	30
<10	8	204
<10	8	133
<10	9	136
<10	9	91
<10	11	82
<10	9	128
<10	12	47
<10	11	84
<10	12	39
<10	11	22
<10	7	112
<10	6	131

<10	7	56
<10	13	55
<10	15	20
<10	13	66
<10	5	24
<10	1	6
<10	4	91
<10	6	9
<10	5	6
<10	12	24
<10	5	26
<10	5	12
<10	7	34
<10	5	13
<10	3	20
<10	7	54

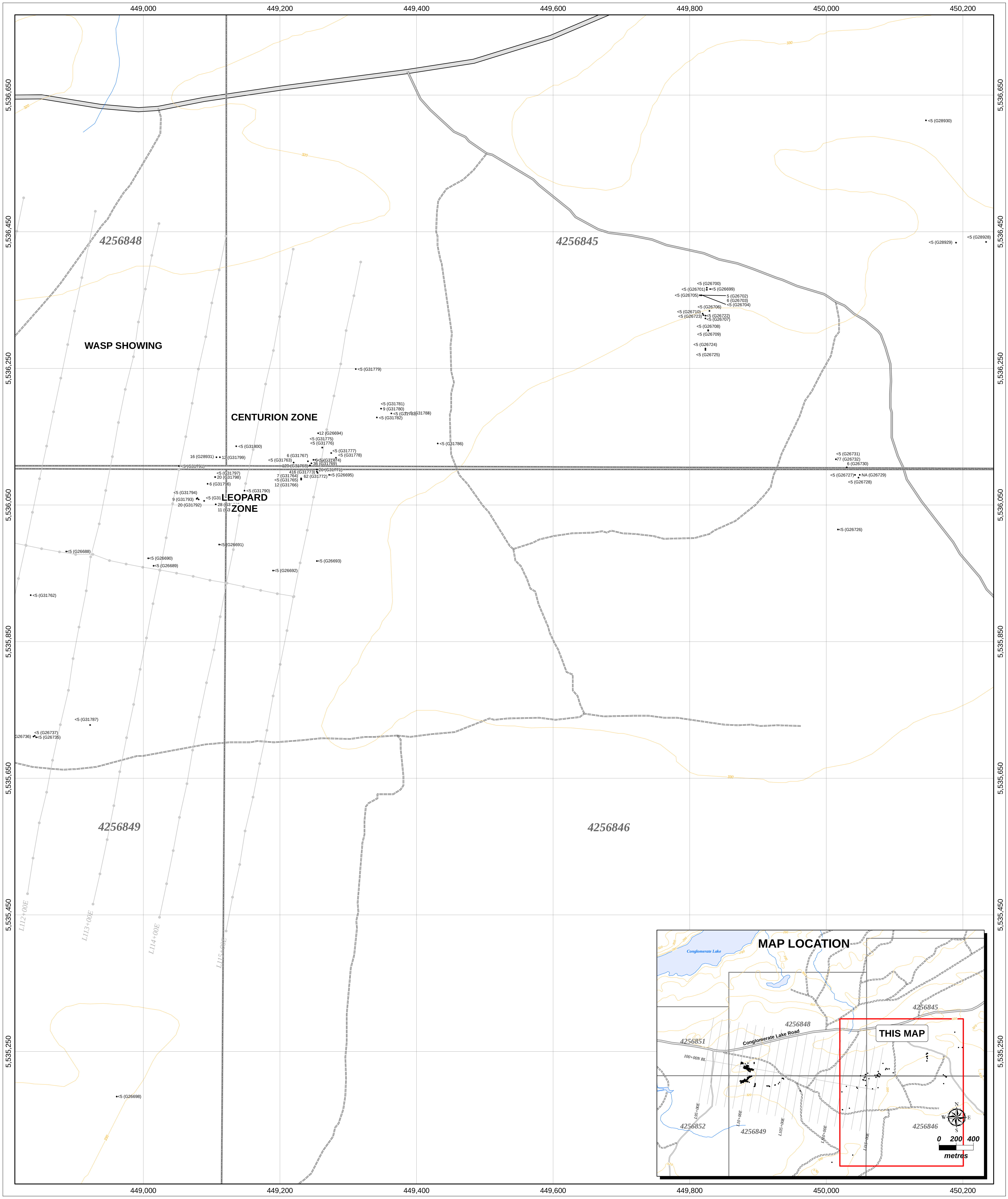
<10	7	107
<10	7	88
<10	7	26
<10	8	37
<10	6	11
<10	8	23
<10	3	12
<10	9	49
<10	6	39
<10	8	51
<10	13	30
<10	12	53
<10	2	43

<10	6	68
<10	7	40
<10	5	46
<10	9	5
<10	9	30
<10	4	56
<10	3	46
<10	11	6
<10	11	22
<10	7	35
<10	8	42
<10	8	93
<10	5	71
<10	1	85
<10	<1	45
13	7	39
<10	2	74
<10	2	46
<10	<1	42
<10	8	31

<10	2	55
<10	11	20
<10	9	12
<10	13	32
<10	13	19
<10	6	49
<10	3	22
<10	6	8
<10	7	30
<10	10	44
<10	17	26
<10	8	7
<10	4	50
<10	5	7
11	7	9
<10	9	6
<10	9	5
<10	4	18
<10	6	6
<10	9	4

<10	4	6
<10	7	4
<10	3	3
<10	4	9
<10	2	<1
<10	10	7
<10	<1	<1
<10	2	1
<10	2	3
<10	8	36

Castlewood Lake Project
Plan Map of 2009 and 2010
Prospecting GPS Tracks
Legend
Prospecting GPS Tracks
09/09
09/02/09
09/10/09
09/11/09
09/12/09
09/13/09
09/14/09
09/15/09
09/16/09
09/17/09
09/18/09
09/19/09
09/30/09
10/06/09
2010/10/19
2010/10/20
2010/10/21
2010/10/22
2010/10/25
2010/10/26
2010/10/27
2010/10/29
2010/11/01
2010/11/02
2010/11/04
Grid_Lines
Claim Agreement
Option
Owned
Other Claims
Major Road
Secondary Road
Trail
0 25 50 100 150 200 Meters
N
Map Scale: 1:5,000
Projection: UTM zone 16N, NAD 83
Date: 20 Jun 2011
PRODIGY
GOLD INCORPORATED
Overview
Conglomerate Lake
4222399
4228014
4222430
4242156
4227933
4229901
4256845
4256848
4256851
4230106
4256852
4256849
4256846
4248170
4256853
4256850
4256847



LEGEND

Gold in Rock Grab Samples

(values in ppb except where noted)

- >2000ppb
- 501 - 2000
- 0 - 500

Grid Line

Trenching/Stripping Outline

Claim Boundary

10m Topographic Contour

Drainage

Lake

Creek

Road Access

Primary

Secondary

Tertiary

UTM Zone 16 NAD83

0 50 100

metres

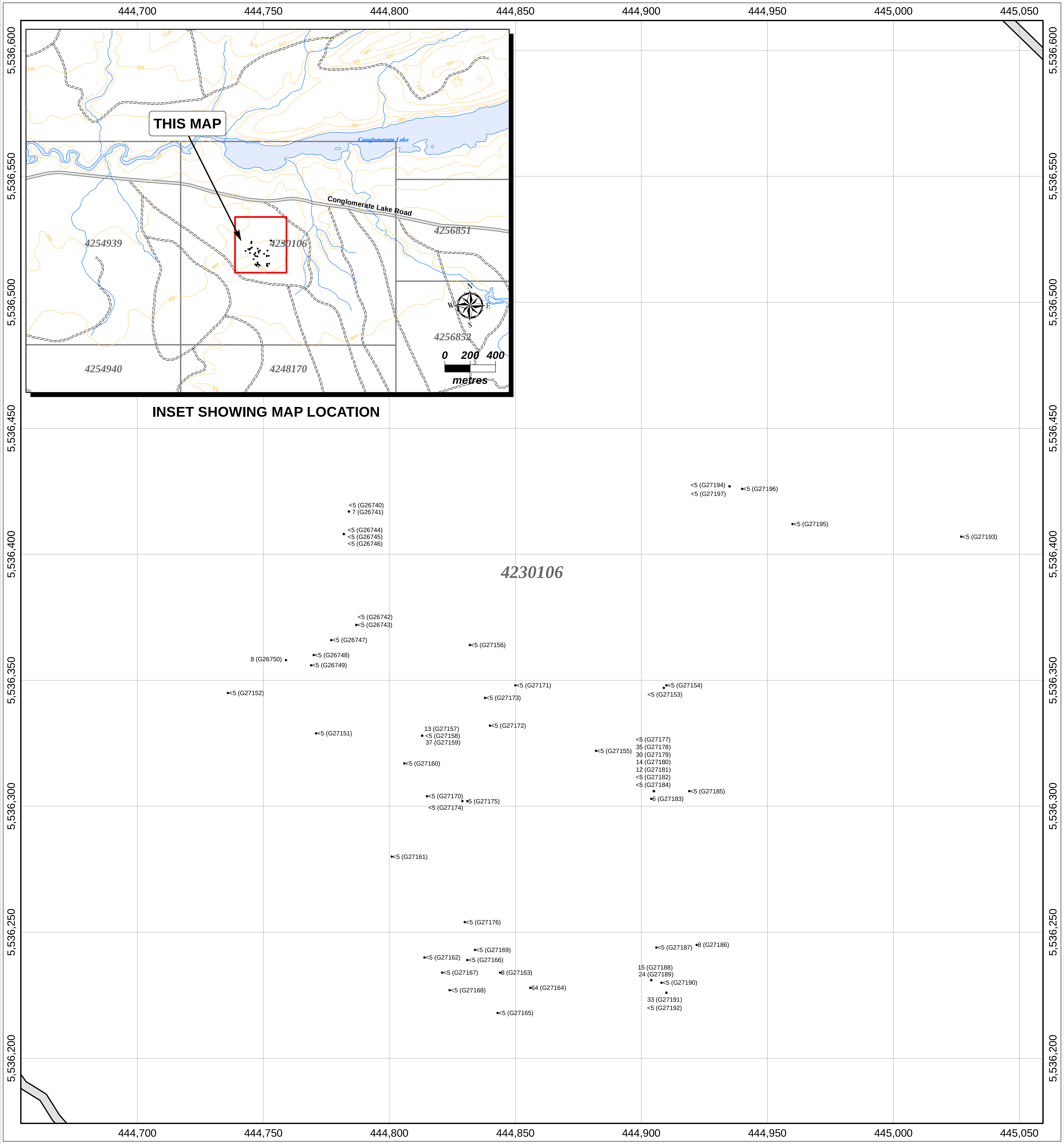
PRODIGY GOLD INC.

CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario

ROCK SAMPLING - EAST SHEET
POSTED GOLD (SAMPLE ID) VALUES
(values in ppb except where noted)

Data: S. Roach | Scale: 1:2,500

Drawn: 04 November 2011 | NTS: 42E/13NE



LEGEND

Gold in Rock Grab Samples

(values in ppb except where noted)

- *>2000ppb*
- *501 - 2000*
- *0 - 500*
- *Grid Line*
- *Outline of Outcrop & Trench*
- *Claim Boundary*

N W E S

UTM Zone 16 NAD83

0 20 40

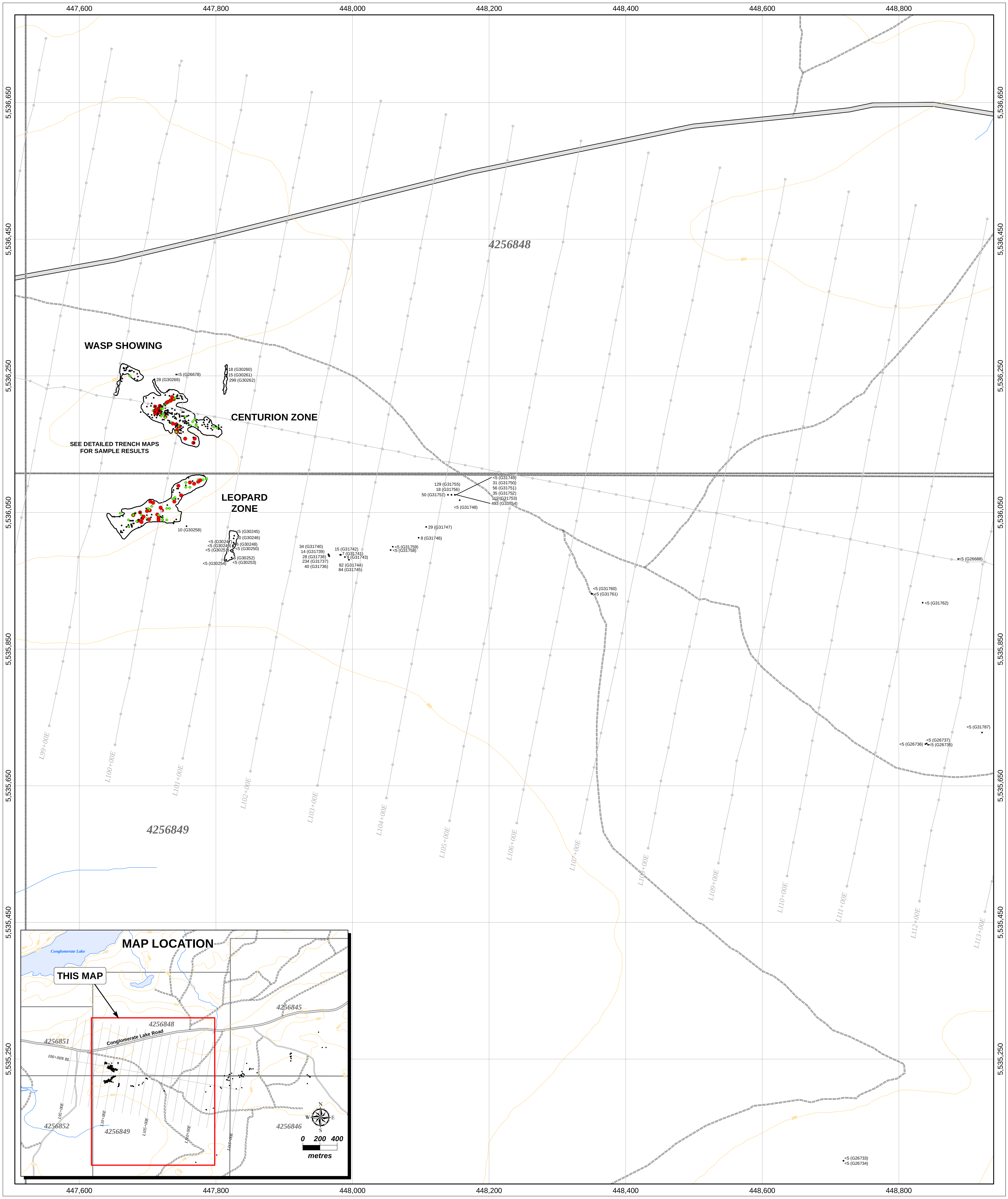
metres

PRODIGY GOLD INC.

CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario

CLAIM 4230106 ROCK SAMPLING
POSTED GOLD (SAMPLE ID)
(values in ppb except where noted)

Data: S. Roach	**Scale: 1:1,000**
Drawn: 04 November 2011	**NTS: 42E/13NE**



LEGEND

Gold in Rock Grab Samples

(values in ppb except where noted)

- >2000ppb
- 501 - 2000
- 0 - 500

Grid Line

Trenching/Stripping Outline

Claim Boundary

10m Topographic Contour

Drainage

Lake

Creek

Road Access

Primary

Secondary

Tertiary

UTM Zone 16 NAD83

0 50 100

metres

PRODIGY GOLD INC.

CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario

ROCK SAMPLING - WEST SHEET
POSTED GOLD (SAMPLE ID) VALUES
(values in ppb except where noted)

Data: S. Roach | Scale: 1:2,500

Drawn: 04 November 2011 | NTS: 42E/13NE

WASP SHOWING
CENTURION ZONE
LEOPARD ZONE
MINE ROAD
BL10000N
L99+00E
L100+00E
L101+00E
4256848
4256849
447,650
447,700
447,750
447,800
447,850
5,536,300
5,536,250
5,536,200
5,536,150
5,536,100
5,536,050
5,536,000
5,535,950
INSET SHOWING MAP LOCATION
THIS MAP
Conglomerate Lake
Conglomerate Lake Road
Kinghorn Road
4256851
4256852
4256845
4256846
0 200 400
metres
UTM Zone 16 NAD83
0 10 20
metres
LEGEND
Gold in Rock Grab Samples
(values in ppb except where noted)
>2000ppb
501 - 2000
0 - 500
Grid Line
Outline of Outcrop & Trench
Claim Boundary
PRODIGY GOLD INC.
CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario
CENTURION & LEOPARD ZONES
ROCK SAMPLING - POSTED GOLD VALUES
(values in ppb except where noted)
Data: S. Roach
Scale: 1:500
Drawn: 02 November 2011
NTS: 42E/13NE

LEOPARD ZONE
LEO-001
LEO-001A
LEO-002
LEO-003
LEO-004
LEO-005
LEO-006
LEO-007
L100+00E
L101+00E
447,640
447,660
447,680
447,700
447,720
447,740
447,760
447,780
447,800
447,820
5,536,090
5,536,070
5,536,050
5,536,030
5,536,010
5,535,990
5,535,970
INSET SHOWING MAP LOCATION
THIS MAP
Conglomerate Lake
Conglomerate Lake Road
Kinghorn Road
4256845
4256846
4256848
4256849
4256851
4256852
0 200 400
metres
N
W
E
S
UTM Zone 16 NAD83
0 10 20
metres
LEGEND
Grid Line
Outline of Outcrop & Trench
PRODIGY GOLD INC.
CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario
LEOPARD ZONE
CHANNEL SAMPLING
POSTED GOLD & SAMPLE ID
(values in ppb except where noted)
Data: S. Roach
Scale: 1:250
Drawn: 04 November 2011
NTS: 42E/13NE

PRODIGY GOLD INC.
CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario
WASP & CENTURION ZONES
CHANNEL SAMPLING
POSTED GOLD & SAMPLE ID
(values in ppb except where noted)
Data: S. Roach
Scale: 1:250
Drawn: 04 November 2011
NTS: 42E/13NE
LEGEND
Grid Line
Outline of Outcrop & Trench
UTM Zone 16 NAD83
0 10 20
metres
N
S
E
W
WASP SHOWING
CENTURION ZONE
CEN-001
CEN-001A
CEN-002
CEN-003
CEN-004
CEN-005
CEN-006
CEN-007
CEN-008
BL10000N
L99+00E
L100+00E
447,640
447,660
447,680
447,700
447,720
447,740
447,760
447,780
447,800
447,820
5,536,270
5,536,250
5,536,230
5,536,210
5,536,190
5,536,170
5,536,150
INSET SHOWING MAP LOCATION
THIS MAP
0 200 400
metres
Conglomerate Lake
Conglomerate Lake Road
Kinghorn Road
4256851
4256848
4256845
4256852
4256849
4256846

PRODIGY GOLD INC.
CASTLEWOOD LAKE PROJECT
Castlewood Lake Area, Ontario
CENTURION and LEOPARD ZONES
ROCK SAMPLING
POSTED SAMPLE NUMBERS
Data: S. Roach
Scale: 1:500
Drawn: 03 November 2011
NTS: 42E/13NE
LEGEND
Gold in Rock Grab Samples
(values in ppb except where noted)
>2000ppb
501 - 2000
0 - 500
Grid Line
Outline of Outcrop & Trench
Claim Boundary
UTM Zone 16 NAD83
0 10 20
metres
WASP SHOWING
CENTURION ZONE
LEOPARD ZONE
CENTURION SHOWING
SAMPLE NUMBER INSET
INSET SHOWING MAP LOCATION
THIS MAP
MINE ROAD
4256848
4256849
447,650
447,700
447,750
447,800
447,850
5,536,300
5,536,250
5,536,200
5,536,150
5,536,100
5,536,050
5,536,000
5,535,950