

**NORTH AMERICAN PALLADIUM LTD.
LAC DES ILES MINES LTD.**

**2011 MECHANICAL STRIPPING
AND CHANNEL SAMPLING
ASSESSMENT REPORT**

on the

LAC DES ILES PROPERTY

**THUNDER BAY MINING DIVISION
NORTHWESTERN ONTARIO**

**NTS: 52H/04NE
Lac des Iles Area G-0739**

Prepared by

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1) Introduction

This report, submitted to obtain assessment work credit, details the results of the 2011 mechanical stripping and channel sampling programs performed on mining leases CLM253 (lease #107909; G4000192; land registry parcel 2985), CLM430 (lease #108139; G40100040), and claims 1165557 (3 claim units) and 1165558 (8 claim units) between June 30th to November 13th, 2011 and April 12th to July 2nd, 2012. Lac des Iles Mines Limited, client number 217699, is the 100% owner of CLM253 (mining and surface rights covering 395.73 hectares), CLM430 (mining and surface rights covering 348.40 hectares), claim 1165557 (covering 55.48 hectares), and claim 1165558 (covering 134.9 hectares).

Lac des Iles Mines Ltd currently produces PGE ore via underground mining of the Roby Zone and from the re-opened Roby Pit. Recent focus has also been concentrated on development of the Offset zone which is a deeper, fault displaced continuation of the Roby Zone.

Several areas were tested over the course of the 2011 season including the North Lac des Iles area, the North Varitextured Rim, The South Varitextured Rim, the Camp Lake area, and several in previously untested ground.

One trench was excavated within the North Lac des Iles (NLDI) project area and is located approximately 150m northwest of the mined Roby pit. It was testing the mineralized potential of a magnetic high horizon which extends from the NLDI intrusion towards the southwest. The majority of past exploration on the NLDI property has been concentrated on the eastern claims due to Lac des Iles overlying significant portions of the central and western claims (Nelson and Stoltz, 2010)

The North Varitextured Rim (NVTR) project area is located approximately 200m northeast of the mined Roby pit. This area has received limited historic exploration but increased interest in the area has prompted trenching and/or drilling programs in 2008 through 2011. The main purpose of the 2011 trenching program was to test the mineralized potential of the varitextured gabbro along the northern margin of the mineblock intrusion and continue to define known mineralized zones. These programs targeted a narrow, stratabound zone with potentially structurally controlled mineralization.

One trench was excavated in the South Varitextured Rim (SVTR) project area and is located approximately 2.4km northeast of the mined Roby pit. The trench was designed to cross several lithological units and test the mineralized potential within the varitextured gabbro unit along the southern margin of the mineblock intrusion. It was

also designed to test the nature of the contact between the mineblock intrusion and the surrounding tonalite.

The Camp Lake project area is located approximately 1.5km south of the mined Roby pit and has been minimally explored. The 2011 trenching program consisted of four trenches and was designed to assess the potential for mineralization in previously untested areas, mostly along major lithological contacts.

Three trenches were excavated outside of current project areas in an attempt to uncover mineralized zones within previously untested areas within, and outside of the mineblock intrusion.

All trenches were excavated, washed and sampled over the course of the 2011 field season and a total of 1032 channel samples were extracted. Trench mapping was started but due to the lateness of the 2011 field season, mapping was not completed until spring 2012.

2) Land Tenure, Location and Access

The 2011 mechanical stripping and channel sampling program was performed on mining leases CLM253 (lease #107909; G4000192; land registry parcel 2985), CLM430 (lease #108139; G40100040), and claims 1165557 (3 claim units) and 1165558 (8 claim units) located approximately 90km north of Thunder Bay in northwestern Ontario.

Access is obtained by traveling approximately 20km east on Highway 11/17 from Thunder Bay, then 95km north along provincial highway 527. A gravel road maintained by Lac des Iles Mines Ltd leads to the claim group 15km to the west of Highway 527 where a manned security entrance limits access to the property (figure 1) (Nelson et al, 2010). The 2010 mechanical stripping and channel sampling locations were then reached via secondary gravel roads and trails.

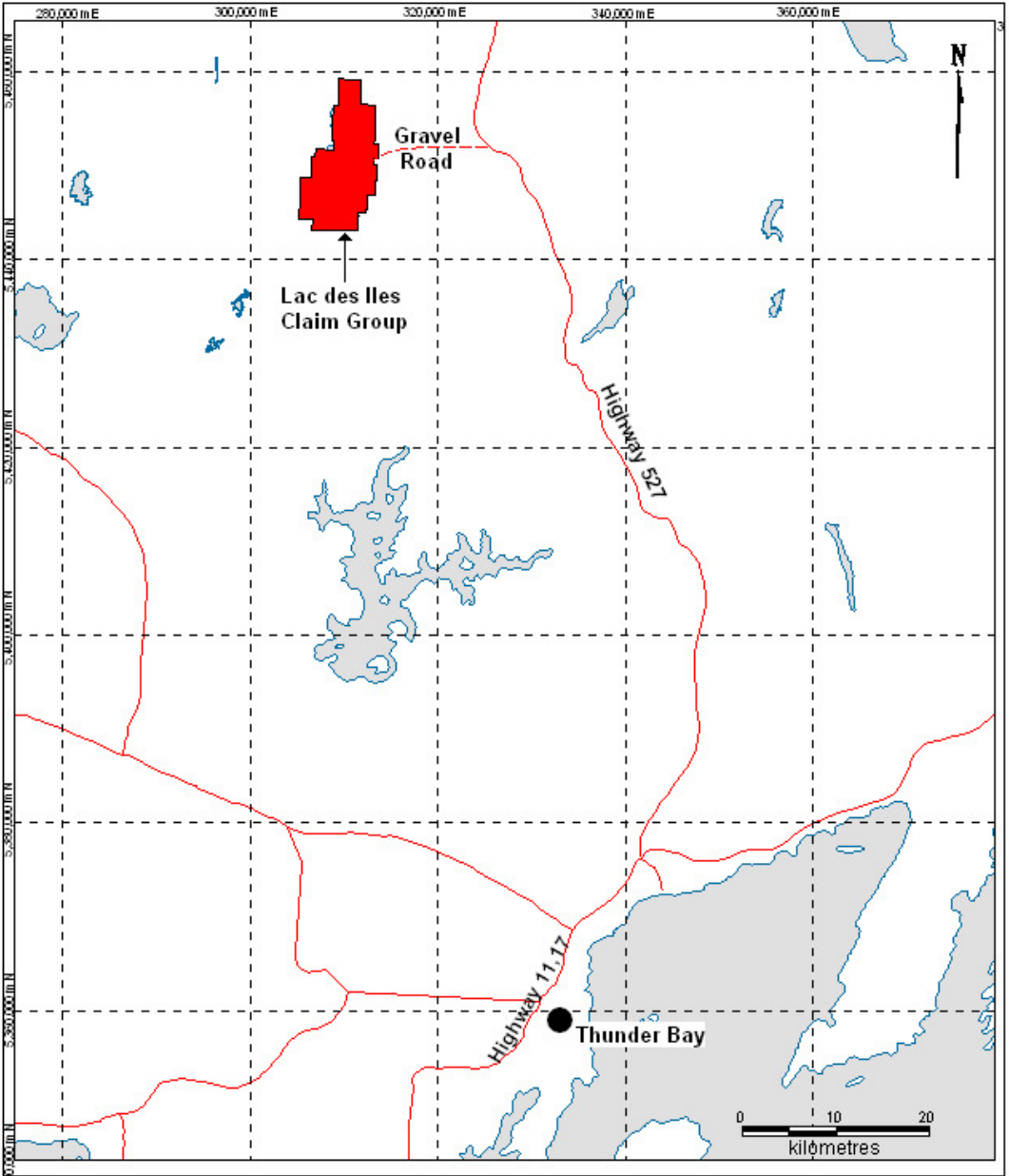


Figure 1: Location and Access Map

Lac des Iles Mines Ltd holds the mining and surface rights for CLM253 under a 21 year lease with an expiry date of August 31, 2027. Lac des Iles Mines Ltd also holds the mining and surface rights for CLM430 under a 21 year lease with an expiry date of September 30, 2027. Staked claims 1165557 and 1165558 have assessment due dates of March 6, 2015. These leases and claims are part of a larger, approximately 8600 hectare, land package consisting of 54 staked mining claims and 6 mining leases (figure

2; table 1), on claim maps Lac des Iles (G-0739), Heaven Lake (G-0729) and Shelby Lake (G-2512) in the Thunder Bay mining division.

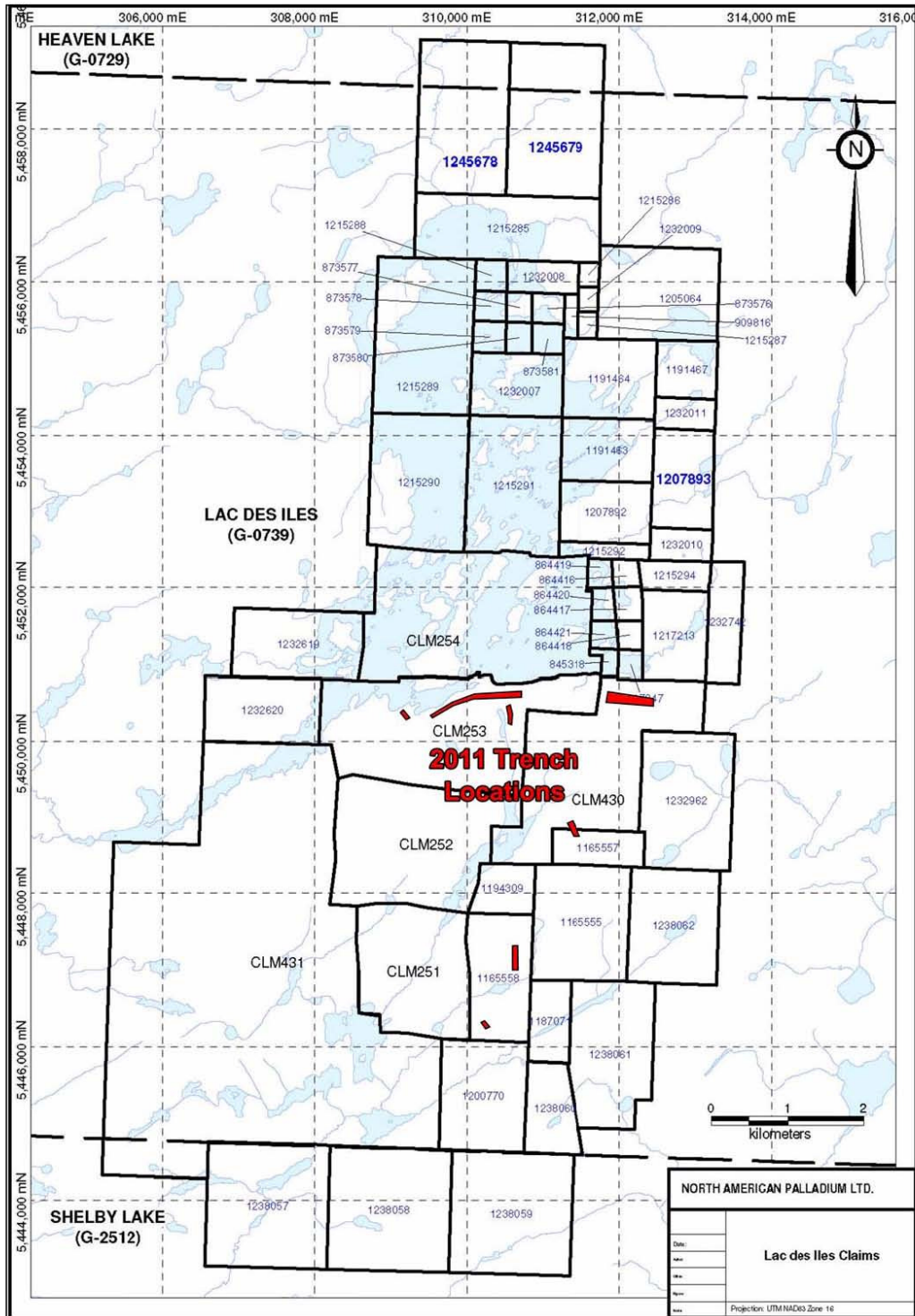


Figure 2: Claim Map

Staked Claims

Claim #	Township	Recording Date	Area (ha)	Type
845318	LAC DES ILES	1985-Dec-04	9.03	Staked
864416	LAC DES ILES	1985-Nov-19	12.92	Staked
864417	LAC DES ILES	1985-Nov-19	15.98	Staked
864418	LAC DES ILES	1985-Nov-19	12.63	Staked
864419	LAC DES ILES	1985-Nov-19	12.24	Staked
864420	LAC DES ILES	1985-Nov-19	13.06	Staked
864421	LAC DES ILES	1985-Nov-19	12.95	Staked
873576	LAC DES ILES	1986-May-05	16.73	Staked
873577	LAC DES ILES	1986-May-05	13.20	Staked
873578	LAC DES ILES	1986-May-05	16.51	Staked
873579	LAC DES ILES	1986-May-05	17.67	Staked
873580	LAC DES ILES	1986-May-05	14.10	Staked
873581	LAC DES ILES	1986-May-05	16.64	Staked
909816	LAC DES ILES	1986-May-16	11.17	Staked
1165555	LAC DES ILES	1992-Mar-06	188.97	Staked
1165557	LAC DES ILES	1992-Mar-06	55.48	Staked
1165558	LAC DES ILES	1992-Mar-06	134.90	Staked
1187071	LAC DES ILES	1994-Dec-02	57.97	Staked
1191463	LAC DES ILES	1993-Aug-23	99.32	Staked
1191464	LAC DES ILES	1993-Aug-23	127.29	Staked
1191467	LAC DES ILES	1994-Mar-25	59.78	Staked
1194309	LAC DES ILES	1991-Sep-09	51.00	Staked
1200770	LAC DES ILES	1994-Dec-02	162.10	Staked
1205064	LAC DES ILES	1999-Jul-20	190.98	Staked
1207892	LAC DES ILES	1995-Feb-03	96.30	Staked
1207893	LAC DES ILES	1995-Feb-03	103.77	Staked
1215285	LAC DES ILES	1996-Jun-17	206.45	Staked
1215286	LAC DES ILES	1996-Jun-17	8.37	Staked
1215287	LAC DES ILES	1996-Jun-17	8.97	Staked
1215288	LAC DES ILES	1996-Jun-17	16.74	Staked
1215289	LAC DES ILES	1996-Jun-17	260.62	Staked
1215290	LAC DES ILES	1996-Jun-17	223.15	Staked
1215291	LAC DES ILES	1996-Jun-17	218.38	Staked
1215292	LAC DES ILES	1996-Jun-17	24.53	Staked
1215294	LAC DES ILES	1996-Jun-17	35.74	Staked
1217213	LAC DES ILES	1997-Feb-21	99.02	Staked
1217347	LAC DES ILES	1998-Apr-14	12.45	Staked
1232007	LAC DES ILES	1998-Feb-05	98.59	Staked
1232008	LAC DES ILES	1998-Feb-06	39.04	Staked
1232009	LAC DES ILES	1998-Apr-14	8.35	Staked
1232010	LAC DES ILES	1998-Apr-14	34.37	Staked
1232011	LAC DES ILES	1998-Apr-14	31.59	Staked
1232619	LAC DES ILES	1998-May-07	151.29	Staked
1232620	LAC DES ILES	1998-May-07	128.83	Staked
1232742	LAC DES ILES	1998-Apr-21	69.66	Staked

1232962	LAC DES ILES	1999-Jun-29	212.46	Staked
1238057	SHELBY LAKE	1999-Jun-29	256.03	Staked
1238058	SHELBY LAKE	1999-Jun-29	257.63	Staked
1238059	SHELBY LAKE	1999-Jun-29	252.89	Staked
1238060	LAC DES ILES	1999-Jun-29	77.27	Staked
1238061	LAC DES ILES	1999-Jun-29	199.60	Staked
1238062	LAC DES ILES	1999-Jun-29	173.98	Staked
1245678	HEAVEN LAKE	2000-Dec-08	234.25	Staked
1245679	HEAVEN LAKE	2000-Dec-08	246.52	Staked
Total=			5109.49	

Leases

Lease	Township	Lease Date	Mining Rights Area (Ha)	Surface Rights Area (Ha)	Type
CLM251	LAC DES ILES	31-Aug-06	235.03	235.03	21 Year Lease
CLM252	LAC DES ILES	31-Aug-06	341.39	341.39	21 Year Lease
CLM253	LAC DES ILES	31-Aug-06	395.73	395.73	21 Year Lease
CLM254	LAC DES ILES	31-Aug-06	497.42	0.00	21 Year Lease
CLM430	LAC DES ILES	30-Sep-06	348.40	348.40	21 Year Lease
CLM431	LAC DES ILES	30-Sep-06	1695.26	1695.26	21 Year Lease
Total=			3513.24	3015.81	

Table 1: Lac des Iles Mines Ltd's Claim Group

3) Regional Geology

The Archean age Lac des Iles Intrusive Complex (LDI-IC) lies immediately north of the Wabigoon-Quetico Subprovince boundary, along which mafic and ultramafic intrusions are common (Lavigne and Michaud, 2002). The LDI-IC is a circular shaped intrusive complex that is one of a series of ultramafic to mafic intrusions that collectively define an area approximately 30km in diameter and intrudes granites and greenstones of the Wabigoon Subprovince of the Superior Province. Lavigne and Michaud (2002) describe the LDI-IC as consisting of three magma chambers, each a distinct lithological domain: 1) the North Lac des Iles ultramafic intrusion is centered on Lac des Iles, 2) a chaotic gabbroic intrusion occurring immediately south of Lac des Iles, and 3) a homogeneous hornblende gabbro located south-west of Camp Lake (Nelson et al, 2010).

4) Local Geology

The Lac des Iles mine lies in the central gabbroic portion of the LDI-IC that is locally termed the Mine Block Intrusion (MBI). The MBI measures roughly 3km long by 1.5km wide and is defined by a northeast-trending elliptical shape. It varies significantly from anorthosite to clinopyroxenite in composition. The MBI is equigranular, varitextured and

pegmatitic in texture, thus making the MBI very complex lithologically and texturally (Nelson et al, 2010).

The MBI contains a number of PGE-enriched occurrences (e.g. Roby, Baker, Creek Zones, etc). Historically, the Roby Zone has been the focus of the majority of the exploration efforts and economic interests. It is divided into three subzones: 1) North Roby, 2) Roby High Grade, and 3) Footwall Breccia. At depth and fault-displaced from the Roby Zone occurs the Offset Zone. Both zones are lithologically defined by pyroxenites and gabbros. The current economic interest is the underground development of these zones with continued surface and DDH exploration throughout the mine block intrusion targeting potential zones of future mill feed.

5) Summary of 2011 Overburden Stripping and Channel Sampling

Over the 2011 field season, one trench (approximately 86 linear meters) was excavated in the North LDI project area, five strips (approximately 522 linear meters) were excavated in the North VT Rim project area, one strip in the South VT Rim project area (approximately 170 linear meters), four strips (approximately 312 linear meters) in the Camp Lake project area, and three strips (approximately 418 linear meters) were excavated outside of existing project areas (table 2).

Trench_ID	Location	Claim/Lease Number	Approximate Length (m)	Number of Samples	Map Number
TR11-01	North LDI	CLM253	86	33	2
TR11-02	North VT Rim	CLM253	58	73	3
TR11-03	North VT Rim	CLM253	125	64	4
TR11-04	North VT Rim	CLM253	110	173	5
TR11-05	North VT Rim	CLM253	149	43	6
TR11-06	Central MBI	CLM253	231	210	7 (A, B, and C)
TR11-07	North VT Rim	CLM253	80	70	8
TR11-09	South VT Rim	CLM430	170	177	9
TR11-10	East of MBI	CLM430	125	90	10
TR11-11	East of MBI	CLM430	62	61	11
TR11-12	Camp Lake intrusion	CLM430 and 1165557	100	3	12
TR11-13	South of Camp Lake intrusion	1165558	72	4	13
TR11-14	Camp Lake intrusion	1165558	95	18	14
TR11-15	Camp Lake intrusion	1165558	45	13	15

Table 2: 2011 mechanical stripping and channel sampling summary
*(*note: sample totals exclude QA/QC blanks and standards)*

Overburden stripping, totaling approximately 1508 linear meters, was performed between August 28th and October 14th 2011. Belham Limited of Kaministiquia, Ontario was contracted to provide a Link Belt 240LX excavator and operator; the project was planned and supervised by Mike Grieve from North American Palladium Limited's Metals Exploration Division. Excavated areas were surveyed using a Leica SR 530 real-time kinetic GPS system, accurate to within two centimeters. Surveys were then imported into Gemcom and MapInfo/Discover for map generation (Nelson et al, 2010). Belham Limited was also contracted to pressure wash the areas stripped and cut channel samples over the course of the 2011 campaign.



Figure 3: Link Belt 240LX excavator at work on trench TR19-09.

Cutting was performed using a Stihl TS400 water-cooled cut-off saw equipped with a diamond blade; two parallel saw kerfs were cut four to five centimeters apart and eight to ten centimeters deep; sample intervals were indicated by a saw cut placed perpendicular to the direction of the sampling lines (Nelson et al, 2010).

Samples were chipped free using a masonry chisel and hammer, then packaged in individually labeled plastic sample bags (as a backup, the bags also included a labeled manila shipping tag). The plastic bags were then taped shut, packed four to five to a rice

bag, and transported to the ActLabs assaying facility in Thunder Bay by Courtesy Courier. For future reference, aluminum tags inscribed with the appropriate sample number were secured to the starting saw kerf with masonry nails (Nelson et al, 2010).



Figure 4: Looking north along trench TR11-06. Photo shows continuous nature of 1m samples with perpendicular saw kerfs to indicate sample intervals and aluminum tags inscribed with sample numbers. Metal tags point in the direction of the next sample in the series.

Sample locations were surveyed using the Leica SR 530 real-time kinetic GPS system and imported into Gemcom and MapInfo/Discover to enable map generation and interpretation. The accuracy of the survey (± 2 centimetres in X, Y, and Z axes) combined with the continuous nature of the channel samples, means the surface sampling can be treated as what amounts to a horizontal drill hole for modeling purposes (Nelson et al, 2010).

Sampling highlights include 13 samples from trench TR11-02 which returned values greater than 1 g/T Pd which included a 7.39m interval with an average grade of 10.15 g/T Pd. Trench TR11-03 returned three samples with values greater than 1 g/T Pd

including 6.2 g/T from sample TR11-03-028 (this sample was the last one taken from the north edge of the trench – additional excavation will be required to trace the extent of this mineralization). Trench TR11-04 returned 27 samples greater than 1 g/T Pd which included a 5.7m interval with an average grade of 18.3 g/T. Trench TR11-04 also returned a program high of 64.4 g/T Pd and 5.17 g/T Pt from sample TR11-04-011. Additional highlights include two samples from TR11-07 and five samples from TR11-09 greater than 1 g/T Pd.

Details of dates, work performed, personnel, and equipment used are summarized in Appendix A of this report. Channel sample locations and descriptions are included in Appendix B of this report.

6) Daily Log of Trench Mapping Activities

The 2011 excavated trenches were mapped between October 11th to November 13th 2011, and April 12th to July 1st 2012 by geologists Devin Tait and Erin Hoxsie who have provided the following descriptions of: a) mapped rock types and b) daily mapping activities (also see Appendix A).

6a) Description of Mapped Rock Types:

Varitextured Gabbro (VT)

Unit exhibits a heterogeneous mixture of gabbroic textures. Fine-grained to locally pegmatitic, with greater than 20% textural variability. Greyish-green to greenish-grey in color and locally hard to soft and occasionally weakly magnetic. Unit commonly has pegmatitic pods that are locally dike-like in nature, crosscutting the unit. Overall the unit is gabbroic in composition and variable in alteration from moderate to intense tremolite +/- talc, and actinolite +/- chlorite.

East Gabbro (EGAB)

Medium-grained, equigranular, light to medium greenish-grey, hard, and not magnetic. May be massive to moderately foliated. Overall the unit is gabbroic in composition and is weakly to strongly altered with actinolite, chlorite and locally weak to moderate patchy epidote alteration.

Gabbro (GAB)

Typically medium to coarse grained with less than 20% textural variability, green-grey in color, hard to very hard and not magnetic. Moderate to strong alteration of

clinopyroxene to actinolite +/- chlorite. Moderate to strong alteration of plagioclase from light creamy-grey to light epidote green to dark cloudy grey and hematitic.

Melanogabbro (MGAB)

Typically medium- to coarse-grained with less than 20% textural variability, green-grey, hard to very hard, and not magnetic. Modal composition – 65 to 90% clinopyroxene and 10 to 35% plagioclase. Strong alteration of clinopyroxene to actinolite +/- chlorite. Moderate to strong saussurtization of plagioclase.

Leucogabbro (LGAB)

Medium grained to coarse grained. Light grey to green-grey, hard, massive and not magnetic. Modal composition – 10 to 35% clinopyroxene and 65 to 90% plagioclase. Weak to locally strong alteration of clinopyroxene to actinolite. Plagioclase appears fresh to light cloudy grey to weakly saussurtized. In general, unit is typically less altered than gabbro.

Tonalite (TON)

Medium to coarse grained, bluish-grey to pinkish-grey to dark grey, hard and massive to gneissic. Extreme variability in magnetic intensity, from non-magnetic to strongly magnetic. Alternate mafic and felsic bands/gneissic layering commonly define a strong foliation. Orange/pink potassic alteration parallels and crosscuts gneissic fabric. Minor epidote as fracture fillings and associated with quartz plagioclase stringers.

Pyroxenite (PYXT)

Medium to coarse grained, relatively equigranular, massive, very dark green and often moderately to strongly sheared. Modal composition – 90 to 100% clinopyroxene and 0 to 10% plagioclase. Moderate to locally strong alteration of clinopyroxene to actinolite along with local hornblende clots exhibiting a patchy to mottled appearance. Local moderate talc as clots and coating fracture surfaces. Moderate black chlorite and serpentine coating fracture surfaces.

Gabbronorite (GBNR)

Typically medium to coarse grained, greenish-grey to brownish-grey, hard, and weakly magnetic. Modal composition 40-65% orthopyroxenes, 10-20% clinopyroxenes, and 35-65% plagioclase. Strong to extreme alteration of pyroxenes to actinolite, tremolite, magnetite and talc. Moderate to strong alteration of plagioclase.

Norite (NOR)

Medium grained, brown-grey, hard, equigranular and locally moderately magnetic. Modal composition usually 0-10% clinopyroxene, 40-65% orthopyroxene, and 40-60% plagioclase. Moderate to strong alteration of orthopyroxene to tremolite, talc and magnetite. Weak to moderate alteration of plagioclase.

Websterite (WEB)

Medium grained, brown-grey, hard, and equigranular. Modal composition 45-60% clinopyroxene, 45-60% orthopyroxene, and 0-10% plagioclase (post cumulate). Moderate to strong alteration of orthopyroxene to tremolite, talc, and magnetite. Moderate to strong alteration of clinopyroxene to actinolite and chlorite.

Granodiorite (GRDR)

Medium to coarse grained, grey to pinkish-grey, hard and massive. Variable magnetic intensity from non-magnetic to strongly magnetic. Mafic content can be somewhat variable and can appear in pods. Often strong orange/pink potassic alteration and weak to moderate epidote, usually in and around fractures.

Melanogabbonorite (MGBNR)

Typically medium to coarse grained, greenish-grey to brownish-grey, hard, and weakly magnetic. Modal composition 40-65% orthopyroxenes, 20-40% clinopyroxenes, and 15-40% plagioclase. Strong to extreme alteration of pyroxenes to actinolite, tremolite, magnetite and talc. Moderate to strong alteration of plagioclase.

Diorite (DIO)

Fine to medium grained, grey to pinkish grey in colour, hard. Alternate fine and medium grained bands/layering common with fine grained layers often darker and more mafic. Orange/pink potassic alteration as well as minor epidote as fracture filling and around veins.

6b) Description of Mapping Activities

Day 1. October 11, 2011

Spent a half day mapping trench TR11-02. The trench was planned and excavated to widen an area around trench TR09-01 and had samples laid out in a north-south direction in an attempt to further define the mineralized zone seen within the VT. The trench exposed mostly VTGAB with a small amount of EGAB in the southern most portion of the trench. Several shears were observed in various orientations and in one case was associated with a quartz-feldspar vein. All shears were sub-vertical to vertical. Assay values included 13 samples greater than 1 g/T Pd including a 7.39m interval with an average grade of 10.15 g/T Pd. All samples taken were from the VTGAB portion of the trench.

Day 2. November 4, 2011

Spent the day mapping trenches TR11-03 and TR11-04. Trench TR11-03 was excavated in a southwest-northeast direction between trenches TR09-03, TR09-05 and TR09-06. Channel samples were cut north-south in an attempt to further define the mineralized zone seen within the VT unit. The trench mostly exposed VTGAB with a small amount of EGAB in the southwest corner of the trench. The contact between the VTGAB and the EGAB is sheared and there is minor shearing parallel to the contact within the VT. The VT also contains several zones where grain size becomes more consistently coarse grained and becomes somewhat leucocratic. In the northeast portion of the trench there are two dykes (one mafic, one felsic) which are both striking 290° and steeply dipping. Assay values included 3 samples greater than 1 g/T Pd. All samples taken were from the VTGAB portion of the trench.

Trench TR11-04 was excavated as an extension (to the north and east) of trench TR10-02 in an attempt to extend the high grade mineralization seen within TR10-02 (24.6 g/T Pd over 1m). VTGAB was the only unit uncovered. A number of shears were observed in various orientations but most seemed to be striking between 220 and 260 degrees. There was also a section that was cut by several felsic veins/dykes cutting at 320° which were 2-10cm thick. Assays highlights included 27 samples greater than 1 g/T Pd which included a 5.7m interval with an average grade of 18.3 g/T. Trench TR11-04 also returned a program high of 64.4 g/T Pd and 5.17 g/T Pt from sample TR11-04-011.

Day 3. November 7, 2011

The day was spent mapping trenches TR11-01 and the remainder of TR11-04. TR11-01 was an attempt to uncover a possible southwest-northeast striking 'tail' of the

ultramafic North LDI intrusion interpreted from magnetic data. The trench failed to uncover any ultramafic rocks of the North LDI intrusion but did uncover a small gabbro unit which may be related to the Mine Block intrusion. The gabbro unit is cut by abundant 1-10cm wide felsic veins, many of which are offset in places by thin shears. The rest of the trench was dominated by basement tonalite which displayed gneissic banding/layering at 240°. All assay values were less than 1 g/T Pd.

The rest of the day was spent mapping the remainder of trench TR11-04 which was entirely varitextured gabbro. Several shears were observed between 220° and 260°.

Day 4. November 13, 2011

Half a day was spent mapping trench TR11-07. The trench uncovered EGAB, GAB, and VTGAB units. The southern portion of the trench was dominated by EGAB which was medium grained, weakly to moderately altered and well foliated at 120° in places. To the north the EGAB was in contact with a coarse grained GAB unit. The coarse grained GAB unit showed slight textural variability but was fairly consistent overall. At the northern most extent of the trench there was a small section of VTGAB which is likely related to the coarse grained GAB but with greater textural variability. The VTGAB was dominantly medium to coarse grained with discrete fine grained sections. There was very little structure associated with the VTGAB and coarse grained GAB units. Assay highlights included two samples greater than 1 g/T Pd.

Day 5. April 12, 2012

Spent a half day mapping part of trench TR11-05. The trench was excavated as a cross; one section running east-west, and the other north-south. All channel samples were cut in the north-south direction. The trench was excavated in hopes of extending mineralization seen within trench TR10-04 further to the east. VTGAB, TON, GAB, MGAB and PYXT units were exposed. The VTGAB unit was found within the west and south limb of the trench and was in contact with the MGAB unit found in the center portion of the trench. The MGAB is thought to be in direct contact (structurally?) with the TON but the contact was not actually exposed. From where it is seen in trench TR10-04 and in TR11-05, the TON unit is thought to be striking roughly east-west and is the only rock type within the eastern limb of TR11-05. The north limb of the trench is complex mix of different lithologies including TON, GAB and PYXT. It is unclear whether the PYXT unit is in fact a true PYXT or possibly an extremely altered GAB. Assay values were all less than 1 g/T Pd.

Day 6. April 24, 2012

Spent the day mapping trench TR11-09 and the remainder of TR11-05. Trench TR11-09 was excavated in the eastern portion of the Mine Block intrusion in the South VT Rim area. It was designed to uncover the contact between the Mine Block intrusion and the surrounding tonalite as well as expose the VT unit along the south margin of the intrusion. The southeast portion of the trench uncovered the tonalite which was in direct contact with Mine Block intrusion (contact at $258^{\circ}/60^{\circ}$). VTGAB was expected to be seen along the margin of the intrusion however, the GAB exposed was texturally quite consistent. The majority of the trench was the GAB with minor variations in grain size giving a slightly variable appearance. There was a small section of the GAB in the northwest portion of the trench with much greater textural variability and was in fact a VTGAB. Several shears were observed throughout the trench striking between 050° and 065° and steeply dipping to the south. All shears had a left lateral sense of movement. Assay highlights included five samples greater than 1 g/T Pd.

Day 7. May 14, 2012

The day was spent mapping trench TR11-06 and the remainder of trench TR11-09. Trench TR11-06 was excavated in the north-south direction east of the Baker Zone. Several different lithologies were seen throughout the trench. The northern section of the trench seemed to have a variable abundance of both plagioclase and orthopyroxene leading to a range of rock types from melanogabbro to norite. Many of these units appear to grade into one another. Structurally, several shears were observed in a variety of different orientations.

Day 8. May 17, 2012

Spent the day mapping the remainder of trench TR11-06. The southern section of the trench was more consistent in mineralogy and was predominantly medium grained gabbro with massive texture. Structurally several shears were observed between 040° and 065° and three dykes between 275° and 300° . Assay values were all less than 1 g/T Pd.

Day 9. May 18, 2012

The day was spent mapping trenches TR11-13 and TR11-11. Trench TR11-13 was planned to uncover the contact between the granodiorite and diabase based on the regional GSC geology map. However, once excavated only granodiorite was exposed. Within the granodiorite there was one fine grained, rounded xenolith of what appeared to pyroxenite. Structurally two shears were observed (both at 180° and sub vertical) and one vertical quartz/feldspar vein. Glacial striations were also observed between 240° and 245° . Only four samples were taken from TR11-13, all of which were less than 1 g/T Pd.

Trench TR11-11 uncovered TON, MGAB, GAB, and WEB units. The TON unit is the predominant lithology through the trench except in the north end where it is in contact with a small gabbro unit. The contact between the two appears to dip towards the south. The northern most extent of the trench uncovered a WEB unit which is part of the North LDI intrusion. The WEB contains minor amounts of post cumulate plagioclase. Structurally, within the middle of the trench there is a brecciated section with clasts/xenoliths of MGAB within the TON. The TON unit becomes finer grained in and around the brecciated section. Assay values were all less than 1 g/T Pd.

Day 10. May 19, 2012

A half day was spent mapping trench TR11-15. The trench was planned to widen and expose more of a small complex part of 2010 trench TR10-24 in hopes of further understanding the area. The newly exposed area uncovered more of the same units that were previously exposed in trench TR10-24 and proved to be equally complex. The area is composed of a GAB unit which is separated from a PYXT unit by thick pegmatite quartz-feldspar veins. The veins are of somewhat variable thickness within the PYXT but appear to be thicker around the margins where they separate the PYXT and GAB. The veins cutting through the PYXT gives the unit a brecciated appearance. The PYXT unit is somewhat darker in places which can be attributed to the abundance of magnetite. The area is structurally complex and is still not well understood. Assay values were all below 1 g/T Pd.

Day 11. May 25, 2012

Spent the day mapping trench TR11-14. The trench uncovered GAB, MGAB, GRDR, and DIO units. The northern section of the trench is dominated by medium grained GAB with variable amounts of biotite. The MGAB unit is of the same composition as the GAB with an increase in biotite giving it a much darker appearance. To the south the GAB is in contact with a GRDR unit, however, the contact was not actually exposed in the trench. The GRDR is in contact with the DIO unit where quartz and potassium feldspar are lost. Assay values were all below 1 g/T Pd.

Day 12. May 26, 2012

Spent the day mapping trench TR11-10. The trench exposed TON, GAB, MGAB, GBNR, and PYXT units. TON is the dominant rock type in the southern parts of the trench before it comes in contact with the GAB unit to the north. As you continue to move north, the GAB is in contact with another TON unit before coming in contact with the GBNR unit. At the contact between the TON and the GBNR a strongly altered pod of PYXT was observed. Within the GBNR unit is more mafic section of MGAB. Assay values were all below 1 g/T Pd.

Day 13. July 1, 2012

The day was spent mapping trench TR11-12 and the remainder of TR11-15. Trench TR11-12 was designed to expose the contact between the tonalite and the Camp Lake intrusion but was excavated too far north and only uncovered the TON unit. Within the TON there were small, irregular pods which often had increase biotite/micas. In one small section there was a strong concentration of these pods which gave a brecciated appearance. There was also a discrete section that was finer grained and much darker/mafic than the surrounding unit. Structurally little was observed other than weak evidence of distorted banding/layering at 010/80°. Only three samples were taken from this trench, none of which returned values greater than 1 g/T Pd.

The rest of the day was spent mapping the remainder of trench TR11-15. See Day 10. May 19, 2012 for description of observations.

7) Conclusions and Recommendations

Results of the 2011 overburden stripping and channel sampling program further defined the known mineralization within the North VT Rim and added two high grade zones (within trenches TR11-02 and TR11-04) separated by 395m strike length. Mapping of the stripped areas show that the North VT Rim mineralization is hosted in a varitextured gabbro unit which differs from the known pyroxenite-related Roby Zone. There does not seem to be any visible lithologic controls on mineralization within the varitextured gabbro and further exploration of the area is ongoing.

Within the South VT Rim, trench TR11-09 returned five samples greater than 1 g/T Pd including a 2.06m interval of 1.86 g/T Pd and also added valuable geological information about the nature of the contact between the Mine Block intrusion and the surrounding tonalite. With the limited amount of historic work in the immediate area, further exploration is recommended in order to potentially expand the mineralized zones observed.

The channel sampling programs in and around the Camp Lake intrusion were designed to assess the mineralized potential of the targets in previously untested areas. Although they did not return any favorable assay values, continued exploration is warranted due to the high Pd values seen within a variety of different rock types around the Mine Block.

Three of the trenches (TR11-06, TR11-10, and TR11-11) were excavated in areas with very little to no previous exploration. Although none returned assay values greater than

1 g/T Pd they provided very useful geologic information about their respective areas. Exploration of this type is also recommended to provide further information about the genesis of the MBI and its particularly unique style of mineralization.

8) References

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APPENDIX A

Daily Work Log

Date	Personnel	Company	Nature of Work	Total Hours	Equipment Used	Costs (rate per unit)													
						Labor	Pickup	Float	Backhoe	Pickup Truck	Quadrunner	Quadrunner	Fire	Fire	Trash	Light Duty	Rock	Saw	Survey
						Rate	Truck (Contractor)	Truck		utility trailer	/ Trailer #1	/ Trailer #2	Hose	Pump	Pump	Pump	Saw(s)	Blades	Equip
		Belham Ltd.	truck mileage charge, trench crew's truck, for Nov 7-8th		4x4 pickup		485.3kmX\$0.65/km												
		Belham Ltd.	ATV rental for Nov 7-8th		Polaris 6x6 quad with trailer							\$200							
		Belham Ltd.	equipment rental charges for Nov 1-8th		1 1/2" high pressure pump								\$164.63						
Nov 9, 2011	Steve Dyer	NAP	Survey trench outline TR11-11; Survey samples TR11-10, TR11-11, TR11-12, TR11-13	1day	quad, Leica Viva RTK GPS system	\$450/d						\$75							\$200
		NAP			sawblades used over life of job														8 X \$300
Nov 11, 2011	Steve Dyer	NAP	survey trench outline TR11-15; sample surveying TR11-14, TR11-15	1 day	quad, Leica Viva RTK GPS system	\$450/d						\$75							\$200
Nov 12, 2011		NAP	equipment rental charges for previous week		Honda WH20 pump, Honda WX15 pump, 2 Stihl rock saws,								\$320/wk	\$200/wk		\$140/wk	2 X \$200/wk		
Nov 13, 2011	Devin Tait	NAP	mapping TR11-07	.5day	4x4 pickup	\$550/d													
Nov 16, 2012	Michael Grieve	NAP	Data editing of samples	1 day		\$450/d													
Apr 12, 2012	Devin Tait, Erin Hoxie	NAP	mapping TR11-05	.5day	4x4 pickup	\$550/d													
Apr 24, 2012	Devin Tait	NAP	mapping TR11-05 and TR11-09	1day	4x4 pickup	\$550/d													
May 14, 2012	Devin Tait	NAP	mapping TR11-09 and TR11-06	1day	4x4 pickup	\$550/d													
May 17, 2012	Devin Tait	NAP	mapping TR11-06	0.75day	4x4 pickup	\$550/d													
May 18, 2012	Devin Tait	NAP	mapping TR011-13 and TR11-11	1day	4x4 pickup	\$550/d													
May 19, 2012	Devin Tait	NAP	mapping TR11-15	.5day	4x4 pickup	\$550/d													
May 20, 2012	Devin Tait	NAP	Digitizing maps	1day		\$550/d													
May 21, 2012	Devin Tait	NAP	Digitizing maps	0.25day		\$550/d													
May 25, 2012	Devin Tait, Erin Hoxie	NAP	mapping TR11-14	0.75day	4x4 pickup	\$550/d													
May 26, 2012	Devin Tait, Erin Hoxie	NAP	mapping TR11-10	0.75day	4x4 pickup	\$550/d													
May 27, 2012	Devin Tait	NAP	Digitizing maps	.5day		\$550/d													
July 1, 2012	Devin Tait	NAP	mapping TR11-12 and TR11-15	1day	4x4 pickup	\$550/d													
July 2, 2012	Devin Tait	NAP	Digitizing maps	.5day		\$550/d													
Aug 28, 2012	Devin Tait, Roland Landry	NAP	re-cutting highgrade trench samples for geochemical study	1day	4x4 pickup, rock saw	\$550/d													
Nov 22, 2011	Steve Dyer	NAP	Survey samples TR11-04	.5day	quad, Leica Viva RTK GPS system	\$450/d						\$75							\$200
Nov 27, 2012	Devin Tait	NAP	making maps for assessment report	.5day		\$550/d													
Nov 28, 2012	Devin Tait	NAP	writing assessment report	1day		\$550/d													
Nov 29, 2012	Devin Tait	NAP	writing assessment report	0.5day		\$550/d													
Dec 2, 2012	Devin Tait	NAP	writing assessment report	0.75day		\$550/d													
Dec 15, 2012	Devin Tait	NAP	edits to assessment report	0.25day		\$550/d													

**Note: NAP equipment bills out every Saturday
Belham equipment bills out every second Saturday**

APPENDIX B

Channel Sample Descriptions

2011 MineBlock Channel Samples Description

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-01-001											0.0025	0.0025	0.001				
TR11-01-002											0.431	0.101	0.415				
TR11-01-003											0.0025	0.0025	0.005				
TR11-01-004	VT North	253	UTM83-16	309236.43	5450314.75	469.16	348.43	-21.59	0.96	LND	0.005	0.0025	0.001	TON			
TR11-01-005	VT North	253	UTM83-16	309236.28	5450315.62	468.81	351.15	-15.25	1	LND	0.0025	0.0025	0.002	TON			
TR11-01-006	VT North	253	UTM83-16	309232.77	5450316.75	468.61	342.53	28.06	0.55	LND	0.0025	0.0025	0.001	TON			
TR11-01-007	VT North	253	UTM83-16	309232.54	5450317.33	468.91	343.21	26.15	0.81	LND	0.0025	0.0025	0.001	TON			
TR11-01-008	VT North	253	UTM83-16	309232.35	5450318.03	469.27	330.7	57.61	1.12	LND	0.0025	0.0025	0.001	TON			
TR11-01-009	VT North	253	UTM83-16	309232.08	5450318.57	470.22	339.95	27.96	0.83	LND	0.0025	0.0025	0.001	TON			
TR11-01-010	VT North	253	UTM83-16	309231.85	5450319.26	470.60	306.69	11.56	1.02	LND	0.0025	0.0025	0.001	TON			
TR11-01-011	VT North	253	UTM83-16	309231.06	5450319.88	470.81	300.87	25.45	1.1	LND	0.0025	0.0025	0.001	TON			
TR11-01-012	VT North	253	UTM83-16	309230.23	5450320.41	471.28	307.2	30.37	0.93	LND	0.0025	0.0025	0.001	TON			
TR11-01-013	VT North	253	UTM83-16	309229.60	5450320.92	471.75	304.07	25.98	1.02	LND	0.0025	0.0025	0.001	TON			
TR11-01-014	VT North	253	UTM83-16	309228.86	5450321.45	472.20	302.85	9.75	0.97	LND	0.0025	0.0025	0.009	TON			
TR11-01-015	VT North	253	UTM83-16	309228.07	5450322.00	472.36	308.14	12.38	1.07	LND	0.0025	0.0025	0.001	TON			
TR11-01-016	VT North	253	UTM83-16	309227.26	5450322.67	472.59	305.48	10.53	0.89	LND	0.0025	0.0025	0.001	TON			
TR11-01-017	VT North	253	UTM83-16	309226.56	5450323.20	472.76	303.42	20.62	1.02	LND	0.0025	0.0025	0.001	TON			
TR11-01-018	VT North	253	UTM83-16	309225.79	5450323.75	473.11	310.69	24.53	1.1	LND	0.0025	0.0025	0.001	TON			
TR11-01-019	VT North	253	UTM83-16	309225.05	5450324.42	473.57	303.98	16.16	0.86	LND	0.0025	0.0025	0.001	DIKE			3
TR11-01-020											0.0025	0.0025	0.001				
TR11-01-021	VT North	253	UTM83-16	309224.38	5450324.90	473.81	305.68	-2.27	1.16	LND	0.0025	0.0025	0.001	DIKE			3
TR11-01-022	VT North	253	UTM83-16	309223.45	5450325.61	473.76	307.73	-8.32	0.99	LND	0.0025	0.0025	0.001	DIKE			3
TR11-01-023	VT North	253	UTM83-16	309222.70	5450326.23	473.62	304.9	-10.5	1.09	LND	0.0025	0.0025	0.001	DIKE			3
TR11-01-024	VT North	253	UTM83-16	309221.84	5450326.86	473.42	309.8	-17.99	1.02	LND	0.0025	0.0025	0.001	DIKE			3
TR11-01-025	VT North	253	UTM83-16	309221.12	5450327.50	473.11	303.53	-10.29	0.9	LND	0.009	0.0025	0.001	TON			
TR11-01-026	VT North	253	UTM83-16	309220.41	5450328.13	472.95	309.98	-28.7	1.08	LND	0.0025	0.0025	0.001	TON			
TR11-01-027	VT North	253	UTM83-16	309219.70	5450328.76	472.43	305.01	12.96	1.01	LND	0.0025	0.0025	0.002	TON			
TR11-01-028	VT North	253	UTM83-16	309218.91	5450329.35	472.66	303.51	-26.44	1.08	LND	0.0025	0.0025	0.001	TON			
TR11-01-029	VT North	253	UTM83-16	309218.07	5450330.02	472.17	300.84	-13.89	0.87	LND	0.0025	0.0025	0.001	TON			
TR11-01-030	VT North	253	UTM83-16	309217.36	5450330.47	471.96	305.93	-13.13	1.11	LND	0.0025	0.0025	0.001	TON			
TR11-01-031	VT North	253	UTM83-16	309200.54	5450346.41	469.13	300.88	3.79	0.86	LND	0.0025	0.0025	0.001	TON			
TR11-01-032	VT North	253	UTM83-16	309199.81	5450346.87	469.19	312.25	10.29	0.78	LND	0.0025	0.0025	0.001	TON			
TR11-01-033	VT North	253	UTM83-16	309199.26	5450347.41	469.33	310.04	-3.07	0.8	LND	0.0025	0.0025	0.001	TON			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-01-034	VT North	253	UTM83-16	309199.22	5450348.53	469.60	312.55	-14.04	0.75	LND	0.0025	0.0025	0.001	TON			
TR11-01-035	VT North	253	UTM83-16	309198.70	5450349.03	469.42	297.88	3.01	0.69	LND	0.0025	0.0025	0.001	TON			
TR11-01-036	VT North	253	UTM83-16	309191.63	5450353.11	469.90	324.95	-11.09	0.97	LND	0.0025	0.0025	0.001	TON			
TR11-01-037	VT North	253	UTM83-16	309183.54	5450359.78	470.76	166.87	-15.05	0.97	LND	0.07	0.016	0.029	TON			
TR11-02-001											0.0025	0.0025	0.004				
TR11-02-002											0.443	0.103	0.469				
TR11-02-003											0.0025	0.0025	0.008				
TR11-02-004	VT North	253	UTM83-16	309599.29	5450271.81	493.39	326.78	-5.26	0.81	LND	0.007	0.0025	0.006	EGAB			
TR11-02-005	VT North	253	UTM83-16	309598.87	5450272.49	493.31	319.63	-6.67	0.71	LND	0.013	0.043	0.009	EGAB			
TR11-02-006	VT North	253	UTM83-16	309598.49	5450273.14	493.20	329.48	-4.05	0.88	LND	0.007	0.014	0.006	EGAB			
TR11-02-007	VT North	253	UTM83-16	309597.89	5450273.78	493.08	318.21	4.44	0.59	LND	0.007	0.009	0.006	GAB	Vt		
TR11-02-008	VT North	253	UTM83-16	309597.50	5450274.23	493.13	316.96	-1.49	0.85	LND	0.036	0.023	0.005	GAB	Vt		
TR11-02-009	VT North	253	UTM83-16	309596.95	5450274.87	493.11	327.76	1.82	0.82	LND	0.072	0.015	0.002	GAB	Vt		
TR11-02-010	VT North	253	UTM83-16	309596.53	5450275.57	493.13	318.86	-9.18	0.95	LND	0.058	0.023	0.001	GAB	Vt		
TR11-02-011	VT North	253	UTM83-16	309595.94	5450276.30	492.98	318.79	-24.16	0.89	LND	0.009	0.0025	0.001	DIKE			1
TR11-02-012	VT North	253	UTM83-16	309593.58	5450275.34	492.94	312.89	-16.71	1	LND	0.081	0.017	0.001	GAB	Vt		
TR11-02-013	VT North	253	UTM83-16	309592.90	5450276.01	492.66	315.12	-2.87	0.66	LND	0.077	0.013	0.001	GAB	Vt		
TR11-02-014	VT North	253	UTM83-16	309592.45	5450276.49	492.62	322.83	-18.32	1.05	LND	0.049	0.008	0.008	GAB	Vt		
TR11-02-015	VT North	253	UTM83-16	309591.87	5450277.30	492.29	314.1	0.09	1.26	LND	0.12	0.018	0.003	GAB	Vt		
TR11-02-016	VT North	253	UTM83-16	309590.99	5450278.20	492.30	314.52	0.86	1	LND	0.236	0.035	0.003	GAB	Vt		
TR11-02-017	VT North	253	UTM83-16	309590.30	5450278.93	492.31	318.06	5.57	1	LND	0.214	0.038	0.001	GAB	Vt		
TR11-02-018	VT North	253	UTM83-16	309589.65	5450279.69	492.41	315.18	0.26	1.11	LND	0.089	0.012	0.001	GAB	Vt		
TR11-02-019	VT North	253	UTM83-16	309588.90	5450280.49	492.41	335.29	-12.76	1.12	LND	0.074	0.016	0.001	GAB	Vt		
TR11-02-020											0.0025	0.0025	0.003				
TR11-02-021	VT North	253	UTM83-16	309588.47	5450281.50	492.17	287.29	1.34	0.98	LND	0.09	0.024	0.001	GAB	Vt		
TR11-02-022	VT North	253	UTM83-16	309587.80	5450282.19	492.23	317.43	13.07	0.98	LND	0.083	0.02	0.001	GAB	Vt		
TR11-02-023	VT North	253	UTM83-16	309587.12	5450282.85	492.47	318.38	-10.43	0.88	LND	0.107	0.03	0.02	GAB	Vt		
TR11-02-024	VT North	253	UTM83-16	309586.83	5450283.79	492.37	315.81	7.36	0.91	LND	0.844	0.064	0.024	GAB	Vt		
TR11-02-025	VT North	253	UTM83-16	309586.22	5450284.45	492.49	310.44	18.41	1.11	LND	1.84	0.118	0.014	GAB	Vt		
TR11-02-026	VT North	253	UTM83-16	309585.44	5450285.16	492.84	315.51	14.43	0.9	LND	22.3	0.994	0.325	GAB	Vt		
TR11-02-027	VT North	253	UTM83-16	309584.85	5450285.80	493.07	313.02	-3.92	1.07	LND	23	0.976	0.577	GAB	Vt		
TR11-02-028	VT North	253	UTM83-16	309584.09	5450286.55	492.99	313.74	-0.12	0.93	LND	6.79	0.301	0.238	GAB	Vt		
TR11-02-029	VT North	253	UTM83-16	309583.43	5450287.22	492.99	304.31	-21.04	1.17	LND	1.11	0.049	0.023	GAB	Vt		
TR11-02-030	VT North	253	UTM83-16	309582.55	5450287.86	492.57	307.6	-36.27	0.89	LND	0.195	0.021	0.005	GAB	Vt		
TR11-02-031	VT North	253	UTM83-16	309581.99	5450288.32	492.04	308.62	-18.63	1.32	LND	15.8	0.845	0.344	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-02-032	VT North	253	UTM83-16	309581.04	5450289.13	491.62	312.1	10.93	0.8	LND	0.237	0.02	0.013	GAB	Vt		
TR11-02-033	VT North	253	UTM83-16	309580.47	5450289.67	491.77	315.32	12.81	1.17	LND	0.286	0.034	0.005	GAB	Vt		
TR11-02-034	VT North	253	UTM83-16	309579.69	5450290.50	492.03	310.16	4.54	0.98	LND	0.163	0.018	0.003	GAB	Vt		
TR11-02-035	VT North	253	UTM83-16	309578.96	5450291.16	492.11	308.86	12.02	0.91	LND	0.293	0.022	0.001	GAB	Vt		
TR11-02-036	VT North	253	UTM83-16	309594.50	5450291.11	493.99	336.59	-10.67	0.95	LND	0.148	0.032	0.03	GAB	Vt		
TR11-02-037	VT North	253	UTM83-16	309594.16	5450291.98	493.81	333.33	-4.7	0.74	LND	0.365	0.035	0.009	GAB	Vt		
TR11-02-038	VT North	253	UTM83-16	309593.84	5450292.65	493.75	328.02	-7.72	0.79	LND	0.181	0.015	0.002	GAB	Vt		
TR11-02-039	VT North	253	UTM83-16	309593.45	5450293.33	493.64	325.82	-12.82	0.87	LND	1.45	0.103	0.017	GAB	Vt		
TR11-02-040											0.0025	0.0025	0.001				
TR11-02-041	VT North	253	UTM83-16	309593.00	5450294.04	493.45	331.96	-33.7	0.96	LND	3.06	0.192	0.053	GAB	Vt		
TR11-02-042	VT North	253	UTM83-16	309592.64	5450294.75	492.92	313.64	-25.35	0.93	LND	0.323	0.055	0.01	GAB	Vt		
TR11-02-043	VT North	253	UTM83-16	309592.06	5450295.35	492.52	325.18	-4.06	0.97	LND	0.774	0.055	0.009	GAB	Vt		
TR11-02-044	VT North	253	UTM83-16	309591.52	5450296.16	492.45	314.39	3.09	0.87	LND	0.548	0.051	0.006	GAB	Vt		
TR11-02-045	VT North	253	UTM83-16	309590.92	5450296.79	492.50	320.41	-9.05	0.78	LND	0.303	0.022	0.007	GAB	Vt		
TR11-02-046	VT North	253	UTM83-16	309590.45	5450297.39	492.38	320.84	-3.34	0.84	LND	0.384	0.024	0.002	GAB	Vt		
TR11-02-047	VT North	253	UTM83-16	309589.94	5450298.06	492.33	347.61	-8.83	0.63	LND	0.326	0.043	0.005	GAB	Vt		
TR11-02-048	VT North	253	UTM83-16	309589.77	5450298.78	492.25	322.54	8.13	0.71	LND	1.21	0.338	1.48	GAB	Vt		
TR11-02-049	VT North	253	UTM83-16	309589.32	5450299.33	492.35	322.01	-0.81	0.85	LND	0.285	0.033	0.04	GAB	Vt		
TR11-02-050	VT North	253	UTM83-16	309588.82	5450300.02	492.33	323.21	-9.38	0.85	LND	0.159	0.018	0.014	GAB	Vt		
TR11-02-051	VT North	253	UTM83-16	309588.33	5450300.70	492.20	332.59	-13.21	1	LND	0.111	0.015	0.025	GAB	Vt		
TR11-02-052	VT North	253	UTM83-16	309601.16	5450287.47	494.11	322.8	-11.97	0.97	LND	0.066	0.018	0.001	GAB	Vt		
TR11-02-053	VT North	253	UTM83-16	309600.65	5450288.23	493.89	310.34	-9.3	0.81	LND	0.088	0.029	0.001	GAB	Vt		
TR11-02-054	VT North	253	UTM83-16	309600.06	5450288.77	493.76	319.62	14.27	0.94	LND	0.098	0.034	0.001	GAB	Vt		
TR11-02-055	VT North	253	UTM83-16	309606.81	5450285.48	494.30	333.84	-21.72	1.09	LND	0.109	0.01	0.005	GBNR			
TR11-02-056	VT North	253	UTM83-16	309606.39	5450286.40	493.90	332.82	12.26	1.07	LND	0.082	0.034	0.005	GAB	Vt		
TR11-02-057	VT North	253	UTM83-16	309605.94	5450287.34	494.13	332.23	-11.56	0.95	LND	0.155	0.032	0.003	GAB	Vt		
TR11-02-058	VT North	253	UTM83-16	309605.53	5450288.18	493.94	340.92	-14.98	1.26	LND	0.1	0.015	0.001	GAB	Vt		
TR11-02-059	VT North	253	UTM83-16	309604.21	5450291.27	493.98	334.48	-0.23	0.76	LND	0.083	0.025	0.001	GAB			
TR11-02-060											3.42	0.776	1.21				
TR11-02-061	VT North	253	UTM83-16	309603.90	5450291.97	493.98	333.66	-8.66	0.91	LND	0.102	0.028	0.009	GAB	Vt		
TR11-02-062	VT North	253	UTM83-16	309603.53	5450292.78	493.84	336.56	-6.67	1.02	LND	0.125	0.038	0.004	GAB	Vt		
TR11-02-063	VT North	253	UTM83-16	309603.15	5450293.73	493.72	334.64	-11.15	1.02	LND	0.088	0.027	0.026	GAB	Vt		
TR11-02-064	VT North	253	UTM83-16	309602.75	5450294.65	493.53	336.12	-13.57	0.92	LND	0.164	0.025	0.039	GAB	Vt		
TR11-02-065	VT North	253	UTM83-16	309602.41	5450295.48	493.31	334.22	-4.26	1.05	LND	0.461	0.066	0.011	GAB	Vt		
TR11-02-066	VT North	253	UTM83-16	309601.98	5450296.44	493.23	333.26	-7.09	1.05	LND	0.68	0.028	0.007	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-02-067	VT North	253	UTM83-16	309601.54	5450297.38	493.10	332.74	-11.93	1.09	LND	1.39	0.07	0.015	GAB	Vt		
TR11-02-068	VT North	253	UTM83-16	309601.08	5450298.34	492.88	338.3	-13.64	0.99	LND	0.125	0.013	0.007	GAB	Vt		
TR11-02-069	VT North	253	UTM83-16	309600.75	5450299.24	492.64	330.17	-8.4	0.89	LND	2.45	0.111	0.015	GAB	Vt		
TR11-02-070	VT North	253	UTM83-16	309613.69	5450287.67	493.86	331.08	1.34	0.68	LND	0.175	0.027	0.003	GAB	Vt		
TR11-02-071											0.0025	0.0025	0.001				
TR11-02-072											0.417	0.104	0.468				
TR11-02-073											0.0025	0.0025	0.005				
TR11-02-074	VT North	253	UTM83-16	309613.36	5450288.24	493.86	342.68	10.52	0.83	LND	0.064	0.015	0.003	GAB			
TR11-02-075	VT North	253	UTM83-16	309613.14	5450289.02	494.01	325.52	1.07	0.96	LND	0.428	0.052	0.011	GAB	Vt		
TR11-02-076	VT North	253	UTM83-16	309612.62	5450289.83	494.03	324.56	9.28	0.84	LND	1.05	0.115	0.012	GAB	Vt		
TR11-02-077	VT North	253	UTM83-16	309612.16	5450290.51	494.16	325.36	13.96	1.07	LND	0.09	0.013	0.001	GAB	Vt		
TR11-02-078	VT North	253	UTM83-16	309612.09	5450291.85	494.42	318.78	-11.81	0.71	LND	0.103	0.022	0.049	GAB	Vt		
TR11-02-079	VT North	253	UTM83-16	309611.64	5450292.39	494.27	330.58	-11.49	0.88	LND	0.119	0.025	0.004	GAB	Vt		
TR11-02-080	VT North	253	UTM83-16	309611.24	5450293.15	494.09	331.03	-14.57	0.78	LND	0.648	0.043	0.007	GAB	Vt		
TR11-02-081	VT North	253	UTM83-16	309610.90	5450293.82	493.90	329.04	-15.05	0.67	LND	8.32	0.45	0.103	GAB	Vt		
TR11-02-082	VT North	253	UTM83-16	309610.58	5450294.39	493.72	335.26	0	0.83	LND	0.661	0.045	0.011	GAB	Vt		
TR11-03-001											0.0025	0.0025	0.001				
TR11-03-002											0.42	0.095	0.382				
TR11-03-003											0.0025	0.0025	0.005				
TR11-03-004	VT North	253	UTM83-16	309734.11	5450340.59	501.66	326.28	2.37	0.92	LND	0.007	0.0025	0.004	EGAB			
TR11-03-005	VT North	253	UTM83-16	309733.62	5450341.37	501.69	325.05	-8.35	0.84	LND	0.102	0.029	0.011	EGAB			
TR11-03-006	VT North	253	UTM83-16	309733.16	5450342.06	501.57	326.06	14.81	0.91	LND	0.274	0.031	0.011	GAB	Vt		
TR11-03-007	VT North	253	UTM83-16	309732.70	5450342.80	501.80	326.77	12.62	0.89	LND	0.102	0.03	0.026	GAB	Vt		
TR11-03-008	VT North	253	UTM83-16	309732.24	5450343.54	502.00	322.25	10.38	0.87	LND	0.057	0.017	0.003	GAB	Vt		
TR11-03-009	VT North	253	UTM83-16	309731.74	5450344.24	502.16	316.13	3	0.9	LND	0.661	0.084	0.008	GAB	Vt		
TR11-03-010	VT North	253	UTM83-16	309742.99	5450343.77	502.36	316.45	-6.98	0.73	LND	0.0025	0.0025	0.002	GAB	Mt		
TR11-03-011	VT North	253	UTM83-16	309742.51	5450344.32	502.27	322.47	9.5	0.67	LND	0.0025	0.0025	0.001	GAB	Mt		
TR11-03-012	VT North	253	UTM83-16	309742.12	5450344.85	502.38	326.59	-10.36	0.98	LND	0.005	0.0025	0.003	GAB	Mt		
TR11-03-013	VT North	253	UTM83-16	309741.61	5450345.68	502.21	333.17	0.67	0.77	LND	0.061	0.039	0.026	GAB	Mt		
TR11-03-014	VT North	253	UTM83-16	309741.28	5450346.37	502.21	324.8	-4.35	0.96	LND	0.315	0.069	0.128	GAB	Vt		
TR11-03-015	VT North	253	UTM83-16	309740.75	5450347.17	502.14	331.87	-12.4	0.91	LND	0.082	0.022	0.007	GAB	Vt		
TR11-03-016	VT North	253	UTM83-16	309740.36	5450347.97	501.95	322.02	-4.24	0.89	LND	0.681	0.06	0.019	GAB			
TR11-03-017	VT North	253	UTM83-16	309739.83	5450348.69	501.88	335.35	-6.18	1.02	LND	0.072	0.013	0.003	GAB	Vt		
TR11-03-018	VT North	253	UTM83-16	309739.43	5450349.62	501.77	328.33	-13.32	0.82	LND	0.233	0.034	0.006	GAB	Vt		
TR11-03-019	VT North	253	UTM83-16	309753.91	5450350.25	503.23	335.14	3.52	1.02	LND	0.006	0.0025	0.002	GAB	Mt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-03-020											0.0025	0.0025	0.001				
TR11-03-021	VT North	253	UTM83-16	309753.51	5450351.19	503.29	335.43	0.27	1.08	LND	0.007	0.0025	0.001	GAB	Mt		
TR11-03-022	VT North	253	UTM83-16	309753.09	5450352.18	503.29	335.24	2.55	0.81	LND	0.006	0.0025	0.001	GAB	Mt		
TR11-03-023	VT North	253	UTM83-16	309752.77	5450352.93	503.33	332.73	-15.26	0.79	LND	0.034	0.008	0.005	GAB	Mt		
TR11-03-024	VT North	253	UTM83-16	309752.44	5450353.62	503.12	323.69	3.04	0.96	LND	0.02	0.014	0.017	GAB	Mt		
TR11-03-025	VT North	253	UTM83-16	309751.90	5450354.41	503.17	336.59	-7.93	1.17	LND	0.196	0.072	0.051	GAB	Mt		
TR11-03-026	VT North	253	UTM83-16	309751.47	5450355.49	503.01	334.23	1.6	0.93	LND	0.1	0.016	0.003	GAB	Vt		
TR11-03-027	VT North	253	UTM83-16	309751.09	5450356.34	503.04	333.94	2.76	0.81	LND	0.148	0.028	0.006	GAB	Vt		
TR11-03-028	VT North	253	UTM83-16	309750.75	5450357.08	503.08	325.46	-17.53	0.94	LND	6.2	1.03	0.037	GAB	Vt		
TR11-03-029	VT North	253	UTM83-16	309770.74	5450358.21	503.73	327.74	11.33	0.86	LND	0.054	0.008	0.008	GAB	Mt		
TR11-03-030	VT North	253	UTM83-16	309770.31	5450358.94	503.90	329.39	5.63	0.92	LND	0.057	0.011	0.006	GAB	Vt		
TR11-03-031	VT North	253	UTM83-16	309769.87	5450359.74	503.99	326.86	-15.88	0.85	LND	0.039	0.016	0.001	GAB	Vt		
TR11-03-032	VT North	253	UTM83-16	309770.85	5450361.39	504.17	334.52	-42.16	1.05	LND	0.094	0.02	0.003	GAB	Vt		
TR11-03-033	VT North	253	UTM83-16	309770.54	5450362.10	503.46	312.98	-22.87	0.87	LND	0.112	0.02	0.006	GAB	Vt		
TR11-03-034	VT North	253	UTM83-16	309770.02	5450362.71	503.15	326.14	-1.71	0.84	LND	0.097	0.014	0.009	GAB	Vt		
TR11-03-035	VT North	253	UTM83-16	309769.38	5450363.47	503.11	332.56	-1.95	0.97	LND	0.527	0.065	0.009	GAB	Vt		
TR11-03-036	VT North	253	UTM83-16	309768.96	5450364.34	503.07	326.91	-1.99	0.75	LND	0.093	0.022	0.001	GAB	Vt		
TR11-03-037	VT North	253	UTM83-16	309768.57	5450364.98	503.05	326.13	-3.83	0.79	LND	0.107	0.026	0.003	GAB	Vt		
TR11-03-038	VT North	253	UTM83-16	309768.15	5450365.65	502.99	321.41	-6.84	0.98	LND	0.109	0.023	0.001	GAB	Vt		
TR11-03-039	VT North	253	UTM83-16	309767.56	5450366.43	502.88	319.9	-20.6	1.04	LND	0.113	0.021	0.001	GAB	Vt		
TR11-03-040											0.0025	0.0025	0.001				
TR11-03-041	VT North	253	UTM83-16	309788.59	5450371.12	503.85	319.53	10.36	0.83	LND	0.093	0.024	0.001	GAB	Vt		
TR11-03-042	VT North	253	UTM83-16	309788.08	5450371.75	504.00	324.02	-20.09	1	LND	0.066	0.017	0.001	GAB	Vt		
TR11-03-043	VT North	253	UTM83-16	309787.55	5450372.53	503.65	326.71	5.19	1.04	LND	0.115	0.038	0.001	GAB	Vt		
TR11-03-044	VT North	253	UTM83-16	309787.01	5450373.41	503.75	326.95	-13.02	0.91	LND	0.092	0.027	0.001	GAB	Vt		
TR11-03-045	VT North	253	UTM83-16	309786.55	5450374.17	503.54	327.95	-3.37	1.06	LND	0.163	0.024	0.007	GAB	Vt		
TR11-03-046	VT North	253	UTM83-16	309786.02	5450375.08	503.48	324.06	3.96	1	LND	0.105	0.02	0.001	GAB	Vt		
TR11-03-047	VT North	253	UTM83-16	309785.45	5450375.91	503.55	328.84	-4.41	0.96	LND				GAB	Vt		
TR11-03-048	VT North	253	UTM83-16	309784.98	5450376.74	503.47	329.44	4.42	0.87	LND				GAB	Vt		
TR11-03-049	VT North	253	UTM83-16	309784.56	5450377.50	503.54	325.72	3.26	0.97	LND	0.086	0.014	0.018	GAB	Vt		
TR11-03-050	VT North	253	UTM83-16	309784.04	5450378.32	503.60	322.01	1.32	1.08	LND	3.08	0.136	0.023	GAB	Vt		
TR11-03-051	VT North	253	UTM83-16	309808.83	5450389.62	506.48	324.75	-3.33	1	LND	0.917	0.044	0.01	GAB	Vt		
TR11-03-052	VT North	253	UTM83-16	309808.27	5450390.45	506.42	324.47	-27.76	0.91	LND	0.712	0.053	0.008	GAB	Vt		
TR11-03-053	VT North	253	UTM83-16	309807.83	5450391.12	506.00	335.46	-8.12	0.95	LND	1.5	0.065	0.017	GAB	Vt		
TR11-03-054	VT North	253	UTM83-16	309807.46	5450391.98	505.86	331.78	14.42	1.02	LND	0.511	0.056	0.007	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-03-055	VT North	253	UTM83-16	309807.02	5450392.87	506.12	324.3	0.28	0.81	LND	0.176	0.024	0.002	GAB	Vt		
TR11-03-056	VT North	253	UTM83-16	309806.56	5450393.55	506.12	329.11	13.2	0.95	LND	0.0025	0.0025	0.001	DIKE	Vt		3
TR11-03-057	VT North	253	UTM83-16	309806.11	5450394.35	506.34	324.72	0.41	0.84	LND	0.104	0.017	0.001	GAB	Vt		
TR11-03-058	VT North	253	UTM83-16	309805.54	5450395.00	506.33	334.75	-9.34	1.11	LND	0.277	0.046	0.01	GAB	Vt		
TR11-03-059	VT North	253	UTM83-16	309823.84	5450404.26	505.18	336.7	34	0.89	LND	0.135	0.017	0.003	GAB	Vt		
TR11-03-060											3.18	0.707	1.14				
TR11-03-061	VT North	253	UTM83-16	309823.57	5450404.94	505.68	344.63	35.58	0.99	LND	0.077	0.015	0.013	GAB	Vt		
TR11-03-062	VT North	253	UTM83-16	309823.38	5450405.72	506.25	355.55	28.78	0.96	LND	0.107	0.019	0.005	GAB	Vt		
TR11-03-063	VT North	253	UTM83-16	309823.34	5450406.56	506.71	350.94	39.64	0.88	LND	0.315	0.038	0.003	GAB	Vt		
TR11-03-064	VT North	253	UTM83-16	309823.25	5450407.23	507.28	346.02	15.75	1.23	LND	0.258	0.048	0.008	GAB	Vt		
TR11-03-065	VT North	253	UTM83-16	309823.00	5450408.39	507.61	339.34	21.27	1	LND	0.334	0.047	0.016	GAB	Vt		
TR11-03-066	VT North	253	UTM83-16	309822.69	5450409.28	507.98	354.01	34.09	1.08	LND	0.226	0.035	0.007	GAB	Vt		
TR11-03-067	VT North	253	UTM83-16	309822.63	5450410.16	508.58	330.01	29.49	0.96	LND	0.079	0.013	0.018	GAB	Vt		
TR11-03-068	VT North	253	UTM83-16	309822.23	5450410.90	509.05	349.13	20.42	1.09	LND	0.083	0.014	0.017	GAB	Vt		
TR11-03-069	VT North	253	UTM83-16	309822.07	5450411.91	509.43	344	30.1	0.85	LND	0.025	0.005	0.008	GAB	Vt		
TR11-03-070	VT North	253	UTM83-16	309821.89	5450412.62	509.86	333.88	12.22	1.01	LND	0.083	0.012	0.007	GAB	Vt		
TR11-04-001											0.0025	0.0025	0.005				
TR11-04-002											0.45	0.101	0.468				
TR11-04-003											0.0025	0.0025	0.007				
TR11-04-004	VT North	253	UTM83-16	309931.95	5450454.81	506.17	336.04	-15.28	1.02	LND	0.126	0.015	0.018	GBNR	Mt		
TR11-04-005	VT North	253	UTM83-16	309931.58	5450455.72	505.90	330.55	-27.65	0.94	LND	0.066	0.026	0.009	GAB	Vt		
TR11-04-006	VT North	253	UTM83-16	309929.75	5450466.11	504.48	326.09	-14	0.95	LND	0.132	0.025	0.003	GAB	Vt		
TR11-04-007	VT North	253	UTM83-16	309929.26	5450466.89	504.25	328.02	3.65	0.8	LND	3.8	0.284	0.021	GBNR			
TR11-04-008	VT North	253	UTM83-16	309928.86	5450467.58	504.30	319.87	-5.51	1.02	LND	6.13	0.51	0.034	GBNR			
TR11-04-009	VT North	253	UTM83-16	309928.23	5450468.38	504.20	319.25	4.55	1.07	LND	0.467	0.055	0.01	GAB	Vt		
TR11-04-010	VT North	253	UTM83-16	309927.55	5450469.21	504.28	320.59	0.17	1.02	LND	4.25	0.289	0.031	GAB	Vt		
TR11-04-011	VT North	253	UTM83-16	309933.99	5450471.11	503.05	317.46	-22.61	0.98	LND	64.4	5.17	1.19	GAB	Vt		
TR11-04-012	VT North	253	UTM83-16	309933.39	5450471.80	502.67	314.88	-19.66	0.71	LND	1.51	0.085	0.016	GAB	Vt		
TR11-04-013	VT North	253	UTM83-16	309931.66	5450474.75	501.02	327.28	-4.04	1.08	LND	0.495	0.029	0.005	GAB	Vt		
TR11-04-014	VT North	253	UTM83-16	309931.11	5450475.67	500.94	331.52	-7.08	1.05	LND	0.616	0.027	0.024	GAB	Vt		
TR11-04-015	VT North	253	UTM83-16	309930.63	5450476.60	500.81	329.95	-11.1	0.93	LND	0.126	0.021	0.005	GAB	Vt		
TR11-04-016	VT North	253	UTM83-16	309930.23	5450477.99	500.40	317.93	-9.22	1.08	LND	0.069	0.014	0.006	GAB	Vt		
TR11-04-017	VT North	253	UTM83-16	309929.54	5450478.80	500.23	327.79	-10.11	0.98	LND	0.427	0.06	0.015	GAB	Vt		
TR11-04-018	VT North	253	UTM83-16	309929.05	5450479.63	500.06	317.43	-16.31	0.92	LND	0.265	0.045	0.014	GAB	Vt		
TR11-04-019	VT North	253	UTM83-16	309928.47	5450480.30	499.80	313.59	-6.06	1.04	LND	0.978	0.142	0.036	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-04-020											0.0025	0.0025	0.003				
TR11-04-021	VT North	253	UTM83-16	309936.60	5450481.68	499.70	306.53	-4.08	1.04	LND	0.252	0.051	0.008	GAB	Vt		
TR11-04-022	VT North	253	UTM83-16	309935.79	5450482.32	499.63	318.04	-17.03	0.94	LND	0.186	0.049	0.009	GAB	Vt		
TR11-04-023	VT North	253	UTM83-16	309935.21	5450483.00	499.36	315.78	-4.27	1.04	LND	0.327	0.035	0.008	GAB	Vt		
TR11-04-024	VT North	253	UTM83-16	309934.51	5450483.76	499.28	318.44	-8.75	0.91	LND	0.52	0.046	0.013	GAB	Vt		
TR11-04-025	VT North	253	UTM83-16	309933.94	5450484.45	499.14	315.99	-14.98	1.02	LND	1.53	0.208	0.03	GAB	Vt		
TR11-04-026	VT North	253	UTM83-16	309933.28	5450485.18	498.88	308.41	-16.13	1.09	LND	1.54	0.155	0.035	GAB	Vt		
TR11-04-027	VT North	253	UTM83-16	309945.20	5450489.56	500.44	325.48	-6.45	0.81	LND	0.102	0.03	0.004	GAB	Vt		
TR11-04-028	VT North	253	UTM83-16	309944.76	5450490.24	500.35	325.2	-18.19	1.14	LND	0.204	0.038	0.008	GAB	Vt		
TR11-04-029	VT North	253	UTM83-16	309944.17	5450491.15	499.99	323.36	-22.08	0.99	LND	0.442	0.06	0.006	GAB	Vt		
TR11-04-030	VT North	253	UTM83-16	309943.64	5450491.90	499.62	324.7	-25.79	1.04	LND	0.13	0.026	0.004	GAB	Vt		
TR11-04-031	VT North	253	UTM83-16	309943.12	5450492.68	499.16	318.8	-14.82	0.9	LND	0.143	0.03	0.005	GAB	Vt		
TR11-04-032	VT North	253	UTM83-16	309942.57	5450493.35	498.94	330.21	-15.44	0.97	LND	0.029	0.0025	0.002	GAB	Vt		
TR11-04-033	VT North	253	UTM83-16	309942.13	5450494.17	498.68	323.44	-18.08	1.01	LND	0.221	0.043	0.013	GAB	Vt		
TR11-04-034	VT North	253	UTM83-16	309941.58	5450494.96	498.36	323.69	-18.06	1.05	LND	0.108	0.053	0.003	GAB	Vt		
TR11-04-035	VT North	253	UTM83-16	309941.02	5450495.78	498.04	330.1	-26.6	0.99	LND	0.64	0.087	0.015	GAB	Vt		
TR11-04-036	VT North	253	UTM83-16	309940.60	5450496.56	497.60	317.2	-27.59	0.89	LND	0.219	0.035	0.013	GAB	Vt		
TR11-04-037	VT North	253	UTM83-16	309949.19	5450489.16	500.60	320.59	-6.15	1.07	LND	0.102	0.022	0.007	GAB	Vt		
TR11-04-038	VT North	253	UTM83-16	309948.53	5450490.00	500.49	311.05	-13.12	1.04	LND	0.115	0.022	0.017	GBNR	Mt		
TR11-04-039	VT North	253	UTM83-16	309960.60	5450494.30	501.55	318.57	-29	1.08	LND	0.309	0.023	0.005	GAB	Vt		
TR11-04-040											0.0025	0.0025	0.001				
TR11-04-041	VT North	253	UTM83-16	309960.00	5450495.03	501.02	306.73	-39.66	0.94	LND	0.159	0.021	0.003	GAB	Vt		
TR11-04-042	VT North	253	UTM83-16	309959.29	5450495.50	500.42	343.62	-54.85	0.69	LND	0.102	0.022	0.006	GAB	Vt		
TR11-04-043	VT North	253	UTM83-16	309958.10	5450495.60	499.39	306.75	-12.99	1.04	LND	0.133	0.032	0.004	GAB	Vt		
TR11-04-044	VT North	253	UTM83-16	309957.31	5450496.23	499.15	311.01	-10.37	1.03	LND	0.248	0.05	0.007	GAB	Vt		
TR11-04-045	VT North	253	UTM83-16	309956.56	5450496.92	498.97	306.91	-15.19	0.97	LND	0.37	0.06	0.011	GAB	Vt		
TR11-04-046	VT North	253	UTM83-16	309955.83	5450497.51	498.71	306	-15.33	1.1	LND	1.8	0.152	0.014	GAB	Vt		
TR11-04-047	VT North	253	UTM83-16	309954.99	5450498.16	498.42	307.56	-14.78	0.85	LND	0.372	0.049	0.007	GAB	Vt		
TR11-04-048	VT North	253	UTM83-16	309954.35	5450498.67	498.20	303	-14.18	1.15	LND	0.227	0.025	0.009	GAB	Vt		
TR11-04-049	VT North	253	UTM83-16	309953.44	5450499.31	497.92	301.69	-16.49	0.99	LND	0.11	0.011	0.003	GAB	Vt		
TR11-04-050	VT North	253	UTM83-16	309952.65	5450499.83	497.64	307.37	-14.53	0.85	LND	0.164	0.032	0.004	GAB	Vt		
TR11-04-051	VT North	253	UTM83-16	309952.01	5450500.35	497.43	305.86	-8.18	1.11	LND	0.226	0.044	0.005	GAB	Vt		
TR11-04-052	VT North	253	UTM83-16	309951.14	5450501.02	497.27	301.85	-13.88	1.42	LND	0.25	0.05	0.012	GAB	Vt		
TR11-04-053	VT North	253	UTM83-16	309965.89	5450496.66	503.09	330.96	-32.37	1.02	LND	0.679	0.039	0.009	GAB	Vt		
TR11-04-054	VT North	253	UTM83-16	309965.49	5450497.43	502.54	333.94	-40.77	1.14	LND	0.117	0.025	0.004	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-04-055	VT North	253	UTM83-16	309965.14	5450498.21	501.80	322.99	-35.15	1.13	LND	0.641	0.07	0.006	GAB	Vt		
TR11-04-056	VT North	253	UTM83-16	309964.61	5450498.96	501.15	325.1	-34.51	0.92	LND	0.702	0.097	0.006	GAB	Vt		
TR11-04-057	VT North	253	UTM83-16	309964.19	5450499.60	500.63	327.49	-22.7	0.83	LND	0.202	0.038	0.005	GAB	Vt		
TR11-04-058	VT North	253	UTM83-16	309963.36	5450500.80	499.77	314.85	-10.67	1.11	LND	0.175	0.031	0.004	GAB	Vt		
TR11-04-059	VT North	253	UTM83-16	309962.61	5450501.59	499.56	306.33	-16.16	0.88	LND	0.377	0.069	0.007	GAB	Vt		
TR11-04-060											0.455	0.105	0.238				
TR11-04-061	VT North	253	UTM83-16	309961.94	5450502.11	499.32	317.62	-11.27	1.14	LND	0.434	0.048	0.01	GAB	Vt		
TR11-04-062	VT North	253	UTM83-16	309961.21	5450502.95	499.10	315.49	-15.15	1.03	LND	0.315	0.04	0.034	GAB	Vt		
TR11-04-063	VT North	253	UTM83-16	309960.54	5450503.68	498.83	310.06	-17.4	0.95	LND	0.141	0.041	0.008	GAB	Vt		
TR11-04-064	VT North	253	UTM83-16	309959.87	5450504.28	498.55	313.5	-15.13	0.98	LND	0.607	0.078	0.009	GAB	Vt		
TR11-04-065	VT North	253	UTM83-16	309959.20	5450504.95	498.29	319.09	-13.34	1.04	LND	0.181	0.04	0.01	GAB	Vt		
TR11-04-066	VT North	253	UTM83-16	309958.56	5450505.74	498.05	316.41	-20.54	0.98	LND	0.083	0.018	0.006	GAB	Vt		
TR11-04-067	VT North	253	UTM83-16	309957.95	5450506.42	497.71	308.86	-30.73	1.13	LND	0.236	0.042	0.009	GAB	Vt		
TR11-04-068	VT North	253	UTM83-16	309957.21	5450507.05	497.13	312.74	-18.46	0.94	LND	0.259	0.037	0.011	GAB			
TR11-04-069	VT North	253	UTM83-16	309956.57	5450507.68	496.83	318.73	-30.2	1.04	LND	0.217	0.023	0.005	GAB	Vt		
TR11-04-070	VT North	253	UTM83-16	309956.00	5450508.38	496.30	315.46	-29.67	1.01	LND	0.151	0.02	0.003	GAB	Vt		
TR11-04-071											0.0025	0.0025	0.001				
TR11-04-072											0.418	0.09	0.44				
TR11-04-073											0.0025	0.0025	0.005				
TR11-04-074	VT North	253	UTM83-16	309955.40	5450509.02	495.81	316.75	-24.63	0.87	LND	0.233	0.043	0.005	GAB	Vt		
TR11-04-075	VT North	253	UTM83-16	309954.88	5450509.61	495.44	310.69	-11.47	1.07	LND	0.333	0.079	0.006	GAB	Vt		
TR11-04-076	VT North	253	UTM83-16	309969.41	5450497.47	505.31	311.84	-19.29	0.94	LND	0.811	0.057	0.006	GAB	Vt		
TR11-04-077	VT North	253	UTM83-16	309970.84	5450500.65	505.01	276.71	-23.25	0.63	LND	0.225	0.017	0.001	GAB	Vt		
TR11-04-078	VT North	253	UTM83-16	309975.11	5450505.63	504.49	313.57	-37.91	0.94	LND	0.649	0.052	0.006	GAB	Vt		
TR11-04-079	VT North	253	UTM83-16	309974.59	5450506.15	503.92	320.86	-35.15	0.99	LND	1.37	0.098	0.008	GAB	Vt		
TR11-04-080	VT North	253	UTM83-16	309969.95	5450503.87	501.95	313.96	12.58	1.07	LND	0.465	0.08	0.02	GAB	Vt		
TR11-04-081	VT North	253	UTM83-16	309969.22	5450504.62	502.18	314.37	-34.78	1.02	LND	0.973	0.137	0.057	GAB	Vt		
TR11-04-082	VT North	253	UTM83-16	309968.64	5450505.22	501.60	355.14	-65.68	0.86	LND	0.414	0.091	0.007	GAB	Vt		
TR11-04-083	VT North	253	UTM83-16	309968.33	5450506.03	499.97	303.79	-21.78	0.87	LND	0.192	0.015	0.009	GAB			
TR11-04-084	VT North	253	UTM83-16	309967.67	5450506.50	499.65	309.56	-13.76	1.03	LND	0.712	0.104	0.019	GAB	Vt		
TR11-04-085	VT North	253	UTM83-16	309966.92	5450507.16	499.40	305.75	-17.9	1.05	LND	1.34	0.098	0.019	GAB	Vt		
TR11-04-086	VT North	253	UTM83-16	309966.13	5450507.77	499.08	305.01	-17.96	0.97	LND	0.343	0.055	0.011	GAB	Vt		
TR11-04-087	VT North	253	UTM83-16	309965.38	5450508.33	498.78	303.93	-18.62	1.05	LND	0.336	0.046	0.009	GAB	Vt		
TR11-04-088	VT North	253	UTM83-16	309964.58	5450508.90	498.44	301.43	-19.23	0.87	LND	0.707	0.089	0.014	GAB	Vt		
TR11-04-089	VT North	253	UTM83-16	309963.89	5450509.35	498.16	302.69	-26.93	0.98	LND	0.465	0.066	0.009	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-04-090											0.0025	0.0025	0.001				
TR11-04-091	VT North	253	UTM83-16	309963.17	5450509.84	497.72	303.66	-20.95	0.98	LND	0.393	0.047	0.01	GAB	Vt		
TR11-04-092	VT North	253	UTM83-16	309961.71	5450511.04	496.84	317.35	-29.39	1.11	LND	0.172	0.02	0.003	GAB	Vt		
TR11-04-093	VT North	253	UTM83-16	309962.43	5450510.37	497.36	311.52	-28.07	1.11	LND	0.637	0.071	0.009	GAB	Vt		
TR11-04-094	VT North	253	UTM83-16	309987.98	5450505.94	506.79	289.14	-9.68	0.84	LND	0.137	0.024	0.003	GAB	Vt		
TR11-04-095	VT North	253	UTM83-16	309987.21	5450506.23	506.65	297.62	-14.78	1.08	LND	0.121	0.025	0.001	GAB	Vt		
TR11-04-096	VT North	253	UTM83-16	309986.29	5450506.74	506.38	301.72	-17.84	1.05	LND	0.118	0.022	0.002	GAB	Vt		
TR11-04-097	VT North	253	UTM83-16	309985.46	5450507.29	506.06	300.25	-18.54	0.94	LND	0.477	0.057	0.003	GAB	Vt		
TR11-04-098	VT North	253	UTM83-16	309984.70	5450507.76	505.76	298.02	-21.87	0.93	LND	2.08	0.208	0.013	GAB	Vt		
TR11-04-099	VT North	253	UTM83-16	309983.95	5450508.19	505.41	301.69	-23.74	1.03	LND	0.115	0.016	0.001	GAB	Vt		
TR11-04-100	VT North	253	UTM83-16	309983.16	5450508.71	504.99	300.94	-32.19	0.86	LND	4.53	0.236	0.043	GAB	Vt		
TR11-04-101	VT North	253	UTM83-16	309937.14	5450471.46	503.01	328.7	-7.54	1.25	LND	2.97	0.151	0.016	GBNR			
TR11-04-102	VT North	253	UTM83-16	309936.53	5450472.53	502.85	325.73	-16.86	1	LND	37.3	2.44	0.326	GAB	Vt		
TR11-04-103	VT North	253	UTM83-16	309936.02	5450473.34	502.56	322.54	-16.34	0.8	LND	45.8	2.48	1.59	GAB	Vt		
TR11-04-104	VT North	253	UTM83-16	309935.56	5450473.97	502.33	324.36	-16.04	0.8	LND	15.2	0.698	0.277	GAB	Vt		
TR11-04-105	VT North	253	UTM83-16	309935.14	5450474.60	502.11	319.37	-40.64	0.98	LND	2.23	0.134	0.012	GAB	Vt		
TR11-04-106	VT North	253	UTM83-16	309934.67	5450475.18	501.48	321.48	-14.07	0.87	LND	6.21	0.42	0.025	GAB	Vt		
TR11-04-107	VT North	253	UTM83-16	309934.16	5450475.86	501.26	316.54	-14.63	0.82	LND	0.569	0.059	0.006	GAB	Vt		
TR11-04-108	VT North	253	UTM83-16	310017.53	5450498.33	513.51	351.39	10.46	1.14	LND	0.008	0.034	0.004	GAB	Vt		
TR11-04-109	VT North	253	UTM83-16	310017.91	5450500.88	513.68	24.47	12.73	0.95	LND	0.823	0.1	0.006	GAB	Vt		
TR11-04-110											0.0025	0.0025	0.001				
TR11-04-111	VT North	253	UTM83-16	310018.29	5450501.90	513.89	13.44	5.54	0.86	LND	0.534	0.067	0.003	GAB	Vt		
TR11-04-112	VT North	253	UTM83-16	310017.35	5450503.39	513.75	324.73	7.26	0.9	LND	0.142	0.022	0.003	GBNR	Vt		
TR11-04-113	VT North	253	UTM83-16	310016.85	5450504.14	513.86	328.39	12.64	1.04	LND	0.159	0.035	0.001	GBNR	Vt		
TR11-04-114	VT North	253	UTM83-16	310016.35	5450505.02	514.09	323.3	-3.72	0.66	LND	0.096	0.018	0.003	GBNR	Vt		
TR11-04-115	VT North	253	UTM83-16	310013.91	5450503.43	513.75	321.04	-15.22	0.81	LND	0.274	0.013	0.006	GBNR	Vt		
TR11-04-116	VT North	253	UTM83-16	310013.44	5450504.05	513.54	317.92	-35.18	0.95	LND	0.102	0.026	0.001	GBNR	Vt		
TR11-04-117	VT North	253	UTM83-16	310012.15	5450504.74	512.84	342.09	-3.97	0.87	LND	0.7	0.104	0.024	NOR			
TR11-04-118	VT North	253	UTM83-16	310011.91	5450505.57	512.78	324.56	-0.16	1.06	LND	0.105	0.029	0.005	GAB	Vt		
TR11-04-119	VT North	253	UTM83-16	310011.32	5450506.45	512.77	339.66	-8.85	1.01	LND	0.084	0.026	0.001	GAB	Vt		
TR11-04-120	VT North	253	UTM83-16	310010.04	5450506.50	512.25	310.41	-17.96	0.83	LND	0.103	0.029	0.007	GBNR	Vt		
TR11-04-121	VT North	253	UTM83-16	310009.46	5450507.03	512.00	307.79	-11.12	0.96	LND	0.008	0.0025	0.001	GBNR	Vt		
TR11-04-122	VT North	253	UTM83-16	310008.73	5450507.63	511.81	306.2	-9.96	1.1	LND	0.141	0.034	0.001	GAB	Vt		
TR11-04-123	VT North	253	UTM83-16	310007.87	5450508.30	511.62	307.72	-1.81	1.04	LND	0.163	0.022	0.005	LGAB	Vt		
TR11-04-124	VT North	253	UTM83-16	310007.07	5450508.96	511.59	315.36	-1.86	1.02	LND	1.95	0.169	0.013	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-04-125	VT North	253	UTM83-16	310006.01	5450509.12	511.56	302.11	-12.07	0.95	LND	0.184	0.032	0.002	GAB	Vt		
TR11-04-126	VT North	253	UTM83-16	310005.24	5450509.63	511.36	302.01	3.88	1.17	LND	0.268	0.058	0.002	GAB	Vt		
TR11-04-127	VT North	253	UTM83-16	310004.20	5450509.79	511.43	305.91	-28.76	1.03	LND	0.156	0.041	0.004	GAB	Vt		
TR11-04-128	VT North	253	UTM83-16	310003.48	5450510.34	510.94	301.81	-18.18	1.13	LND	1.34	0.106	0.019	GAB	Vt		
TR11-04-129	VT North	253	UTM83-16	310002.59	5450510.93	510.58	300.37	-24.66	1.09	LND	0.339	0.058	0.004	GBNR	Vt		
TR11-04-130											0.495	0.105	0.236				
TR11-04-131	VT North	253	UTM83-16	310001.57	5450511.11	509.76	296.72	-29.67	0.95	LND	0.105	0.025	0.004	GAB	Vt		
TR11-04-132	VT North	253	UTM83-16	310000.84	5450511.50	509.29	306.11	-15.95	1.07	LND	0.049	0.014	0.003	GAB	Vt		
TR11-04-133	VT North	253	UTM83-16	310000.04	5450512.13	509.00	301.19	-13.4	1.01	LND	0.025	0.01	0.004	GAB	Vt		
TR11-04-134	VT North	253	UTM83-16	309998.64	5450512.86	508.60	316.34	-12.88	0.93	LND	0.179	0.035	0.001	GAB	Vt		
TR11-04-135	VT North	253	UTM83-16	309998.04	5450513.54	508.40	316.05	-31.14	0.99	LND	0.137	0.019	0.001	GAB	Vt		
TR11-04-136	VT North	253	UTM83-16	309997.47	5450514.17	507.89	309.3	-23.67	1.2	LND	0.107	0.019	0.001	GAB	Vt		
TR11-04-137	VT North	253	UTM83-16	309996.64	5450514.89	507.40	311.87	-30.96	0.97	LND	0.38	0.035	0.009	GAB	Vt		
TR11-04-138	VT North	253	UTM83-16	309995.76	5450514.94	506.81	343.49	-27.56	0.8	LND	0.637	0.087	0.007	GAB	Vt		
TR11-04-139	VT North	253	UTM83-16	309995.58	5450515.62	506.44	313.6	-17.23	0.97	LND	1.06	0.095	0.006	GAB	Vt		
TR11-04-140	VT North	253	UTM83-16	309994.93	5450516.28	506.15	326.6	-19.29	1	LND	0.318	0.032	0.003	GAB	Vt		
TR11-04-141	VT North	253	UTM83-16	309994.44	5450517.08	505.82	323.98	-3.86	1.14	LND	0.586	0.064	0.003	GAB	Vt		
TR11-04-142	VT North	253	UTM83-16	309993.79	5450518.02	505.75	326.33	-17.93	0.87	LND	1.2	0.099	0.005	GAB	Vt		
TR11-04-143	VT North	253	UTM83-16	309993.35	5450518.73	505.48	320.18	-16.49	1.05	LND	0.0025	0.0025	0.001	GAB	Vt		
TR11-04-144	VT North	253	UTM83-16	309992.73	5450519.52	505.18	329.62	-16.66	0.98	LND	0.661	0.088	0.011	GAB	Vt		
TR11-04-145	VT North	253	UTM83-16	309992.28	5450520.34	504.90	325.42	-10.28	1.08	LND	0.087	0.018	0.001	GAB	Vt		
TR11-04-146	VT North	253	UTM83-16	309991.58	5450519.61	505.09	313.7	-32.37	1	LND	0.109	0.03	0.008	GAB	Vt		
TR11-04-147	VT North	253	UTM83-16	309990.99	5450520.21	504.56	314.35	-24.67	1.03	LND	0.598	0.104	0.035	GBNR	Vt		
TR11-04-148	VT North	253	UTM83-16	309989.70	5450519.09	503.99	324.98	-13.39	1.02	LND	0.186	0.034	0.005	GAB	Vt		
TR11-04-149	VT North	253	UTM83-16	309990.34	5450520.88	504.13	329.07	-40.77	0.87	LND	0.253	0.056	0.003	GAB	Vt		
TR11-04-150	VT North	253	UTM83-16	309989.83	5450521.35	503.53	324.59	-18.93	1.16	LND	0.237	0.021	0.003	GAB	Vt		
TR11-04-151	VT North	253	UTM83-16	309989.22	5450522.26	503.16	338.34	-25.78	0.85	LND	0.303	0.042	0.006	GAB	Vt		
TR11-04-152	VT North	253	UTM83-16	309988.96	5450522.98	502.79	327.01	-16.81	1.07	LND	0.518	0.071	0.023	GAB	Vt		
TR11-04-153	VT North	253	UTM83-16	309988.43	5450523.85	502.48	333.86	-11.21	1.11	LND	0.139	0.027	0.012	GAB	Vt		
TR11-04-154	VT North	253	UTM83-16	310022.60	5450518.38	515.10	321.79	-10.61	1.02	LND	0.108	0.026	0.001	GAB	Vt		
TR11-04-155	VT North	253	UTM83-16	310022.00	5450519.18	514.91	323.81	-20.77	0.99	LND	0.176	0.04	0.001	GAB	Vt		
TR11-04-156	VT North	253	UTM83-16	310021.47	5450519.95	514.56	322.23	-20.02	1.14	LND	0.07	0.02	0.002	GAB	Vt		
TR11-04-157	VT North	253	UTM83-16	310020.85	5450520.81	514.17	318.13	-17.16	0.84	LND	0.065	0.025	0.001	GAB	Vt		
TR11-04-158	VT North	253	UTM83-16	310020.33	5450521.43	513.93	325.2	-8.3	1.46	LND	0.102	0.025	0.001	GAB	Vt		
TR11-04-159	VT North	253	UTM83-16	310015.60	5450518.75	513.30	326.87	-0.35	0.99	LND	0.115	0.036	0.001	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-04-160											0.0025	0.0025	0.001				
TR11-04-161	VT North	253	UTM83-16	310015.09	5450519.59	513.29	330.35	-15.71	0.98	LND	0.1	0.039	0.004	GAB	Vt		
TR11-04-162	VT North	253	UTM83-16	310013.08	5450519.39	512.68	347.06	-10.5	0.98	LND	0.098	0.029	0.001	GAB	Vt		
TR11-04-163	VT North	253	UTM83-16	310012.89	5450520.33	512.50	336.93	-19.37	1.08	LND	0.059	0.013	0.004	GAB	Vt		
TR11-04-164	VT North	253	UTM83-16	310012.52	5450521.28	512.14	338.03	-28.15	1.06	LND	0.079	0.018	0.001	GAB	Vt		
TR11-04-165	VT North	253	UTM83-16	310008.49	5450519.46	511.08	314.26	-27.72	0.92	LND	0.084	0.021	0.001	GAB	Vt		
TR11-04-166	VT North	253	UTM83-16	310007.92	5450520.05	510.65	318.54	-28	1.02	LND	0.085	0.02	0.006	GAB	Vt		
TR11-04-167	VT North	253	UTM83-16	310007.35	5450520.75	510.17	297.36	-66.35	1.21	LND	0.112	0.025	0.001	GAB	Vt		
TR11-04-168	VT North	253	UTM83-16	310006.92	5450520.98	509.06	325.54	-16.45	0.97	LND	0.159	0.043	0.002	GAB	Vt		
TR11-04-169	VT North	253	UTM83-16	310006.42	5450521.76	508.79	329.21	-18.83	1.04	LND	0.455	0.088	0.005	GAB	Vt		
TR11-04-170	VT North	253	UTM83-16	310005.94	5450522.62	508.45	324.02	-22.81	1.09	LND	1.16	0.159	0.01	GAB	Vt		
TR11-04-171	VT North	253	UTM83-16	310005.37	5450523.45	508.03	329.62	-31.45	1.02	LND	0.569	0.07	0.006	GAB	Vt		
TR11-04-172	VT North	253	UTM83-16	310004.96	5450524.22	507.50	324.08	-26.05	0.97	LND	4.23	0.219	0.035	GAB	Vt		
TR11-04-173	VT North	253	UTM83-16	310004.47	5450524.93	507.07	323.21	-23.74	0.94	LND	1.77	0.052	0.014	GAB	Vt		
TR11-04-174	VT North	253	UTM83-16	310003.97	5450525.64	506.70	327.3	-25.76	0.92	LND	0.093	0.024	0.014	GAB	Vt		
TR11-04-175	VT North	253	UTM83-16	310003.54	5450526.35	506.29	320.95	-19.02	1.03	LND	0.108	0.027	0.008	GAB	Vt		
TR11-04-176	VT North	253	UTM83-16	310002.16	5450526.50	506.06	305	-19.67	1.01	LND	5.6	0.688	0.087	GAB	Vt		
TR11-04-177	VT North	253	UTM83-16	310001.39	5450527.07	505.72	307.52	-29.01	1.01	LND	0.076	0.023	0.003	GAB	Vt		
TR11-04-178	VT North	253	UTM83-16	310000.71	5450527.62	505.23	299.94	-29.68	1.04	LND	0.074	0.019	0.003	GAB	Vt		
TR11-04-179	VT North	253	UTM83-16	309999.94	5450528.10	504.72	291.08	-25.24	0.91	LND	0.401	0.056	0.006	GAB	Vt		
TR11-04-180											0.0025	0.0025	0.001				
TR11-04-181	VT North	253	UTM83-16	309999.18	5450528.41	504.33	306.53	-18.13	1.03	LND	0.483	0.046	0.006	GAB	Vt		
TR11-04-182	VT North	253	UTM83-16	309998.42	5450529.02	504.01	296.76	-27.78	0.9	LND	0.108	0.025	0.004	GAB	Vt		
TR11-04-183	VT North	253	UTM83-16	309997.75	5450529.58	503.58	251.93	-6.67	0.9	LND	0.263	0.036	0.006	GAB	Vt		
TR11-04-184	VT North	253	UTM83-16	309996.90	5450529.33	503.48	253.17	-2.06	0.97	LND	0.281	0.035	0.008	GAB	Vt		
TR11-04-185	VT North	253	UTM83-16	309995.96	5450529.08	503.44	254.14	0	1.03	LND	0.264	0.036	0.021	GAB	Vt		
TR11-04-186	VT North	253	UTM83-16	309994.96	5450528.83	503.44	257.77	7.14	1.07	LND	0.475	0.068	0.011	GAB	Vt		
TR11-04-187	VT North	253	UTM83-16	309993.92	5450528.63	503.58	253.38	-7.39	0.95	LND	1.01	0.135	0.038	GAB	Vt		
TR11-05-001											0.0025	0.0025	0.001				
TR11-05-002											0.449	0.108	0.414				
TR11-05-003											0.0025	0.0025	0.002				
TR11-05-004	VT North	253	UTM83-16	310348.61	5450558.82	497.79	340.93	-9.82	0.93	LND	0.034	0.017	0.009	GAB	Vt		
TR11-05-005	VT North	253	UTM83-16	310348.34	5450559.69	497.63	347.04	-23.26	0.99	LND	0.156	0.043	0.015	GAB	Vt		
TR11-05-006	VT North	253	UTM83-16	310348.16	5450560.58	497.24	339.35	-18.98	0.97	LND	0.088	0.024	0.012	GAB	Vt		
TR11-05-007	VT North	253	UTM83-16	310347.86	5450561.45	496.92	341.47	-17.41	1	LND	0.118	0.041	0.001	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-05-008	VT North	253	UTM83-16	310368.75	5450565.57	496.56	355.16	-17.94	0.76	LND	0.013	0.0025	0.001	MGAB			
TR11-05-009	VT North	253	UTM83-16	310368.92	5450566.32	496.30	344.48	-19.94	0.86	LND	0.044	0.015	0.005	DIKE			3
TR11-05-010	VT North	253	UTM83-16	310368.72	5450567.11	496.01	348.57	-36.38	1.04	LND	0.0025	0.0025	0.001	DIKE			3
TR11-05-011	VT North	253	UTM83-16	310368.58	5450567.93	495.39	350.02	-42.87	0.8	LND	0.005	0.0025	0.009	MGAB			
TR11-05-012	VT North	253	UTM83-16	310379.26	5450554.42	501.90	327.18	4.32	0.88	LND	0.103	0.026	0.021	GAB	Vt		
TR11-05-013	VT North	253	UTM83-16	310378.81	5450555.17	501.96	328.2	0.29	0.98	LND	0.038	0.037	0.002	GAB	Vt		
TR11-05-014	VT North	253	UTM83-16	310378.32	5450556.03	501.97	328.18	-8.79	0.84	LND	0.082	0.022	0.011	GAB	Vt		
TR11-05-015	VT North	253	UTM83-16	310377.90	5450556.75	501.84	331.13	-18.64	0.91	LND	0.029	0.028	0.009	GAB	Vt		
TR11-05-016	VT North	253	UTM83-16	310377.50	5450557.52	501.55	325.96	-21.07	0.77	LND	0.102	0.032	0.007	GAB	Vt		
TR11-05-017	VT North	253	UTM83-16	310377.12	5450558.13	501.27	332.82	-19.24	0.92	LND	0.057	0.023	0.006	GAB	Vt		
TR11-05-018	VT North	253	UTM83-16	310376.74	5450558.91	500.97	327.04	-31.41	0.91	LND	0.094	0.06	0.013	GAB	Vt		
TR11-05-019	VT North	253	UTM83-16	310376.34	5450559.58	500.49	325.97	-37.11	0.89	LND	0.111	0.063	0.016	GAB	Vt		
TR11-05-020											0.0025	0.0025	0.001				
TR11-05-021	VT North	253	UTM83-16	310375.96	5450560.18	499.96	303.69	-9.23	0.98	LND	0.117	0.05	0.018	GAB	Vt		
TR11-05-022	VT North	253	UTM83-16	310372.94	5450565.75	495.83	17.26	-61.54	1	LND	0.0025	0.0025	0.002	MGAB			
TR11-05-023	VT North	253	UTM83-16	310373.09	5450566.20	494.95	24.61	-51.74	0.87	LND	0.0025	0.0025	0.001	MGAB			
TR11-05-024	VT North	253	UTM83-16	310374.28	5450565.98	494.43	41.55	-4.99	0.94	LND	0.037	0.01	0.001	MGAB			
TR11-05-025	VT North	253	UTM83-16	310374.58	5450565.16	495.64	30.91	-55.53	1.06	LND	0.012	0.007	0.001	MGAB			
TR11-05-026	VT North	253	UTM83-16	310374.90	5450565.67	494.77	27.13	-28.67	0.68	LND	0.029	0.011	0.007	MGAB			
TR11-05-027	VT North	253	UTM83-16	310375.57	5450564.09	496.58	19.26	-55.69	0.86	LND	0.005	0.007	0.004	MGAB			
TR11-05-028	VT North	253	UTM83-16	310375.74	5450564.54	495.87	36.15	-55.98	0.66	LND	0.0025	0.0025	0.004	MGAB			
TR11-05-029	VT North	253	UTM83-16	310374.29	5450568.78	494.40	25.84	6.43	0.75	LND	0.0025	0.0025	0.001	TON			
TR11-05-030	VT North	253	UTM83-16	310374.63	5450569.44	494.49	17.51	45.97	0.76	LND	0.0025	0.0025	0.001	TON			
TR11-05-031	VT North	253	UTM83-16	310374.81	5450569.94	495.04	22.04	18.85	0.81	LND	0.0025	0.0025	0.001	MGAB			
TR11-05-032	VT North	253	UTM83-16	310375.12	5450570.64	495.30	21.12	21.08	0.93	LND	0.0025	0.0025	0.001	TON			
TR11-05-033	VT North	253	UTM83-16	310371.12	5450573.74	494.57	328.19	-5.04	0.8	LND	0.008	0.0025	0.001	TON			
TR11-05-034	VT North	253	UTM83-16	310370.73	5450574.42	494.50	330.29	-3.44	1.12	LND	0.006	0.0025	0.001	TON			
TR11-05-035	VT North	253	UTM83-16	310370.20	5450575.41	494.43	327.78	-2.34	0.81	LND	0.023	0.0025	0.002	MGAB			
TR11-05-036	VT North	253	UTM83-16	310369.79	5450576.10	494.40	332.31	-5.5	0.73	LND	0.0025	0.0025	0.001	MGAB			
TR11-05-037	VT North	253	UTM83-16	310369.47	5450576.76	494.33	335.07	-1.52	1.09	LND	0.0025	0.0025	0.001	TON			
TR11-05-038	VT North	253	UTM83-16	310369.04	5450577.76	494.30	337.58	-6.92	0.7	LND	0.0025	0.0025	0.001	TON			
TR11-05-039	VT North	253	UTM83-16	310395.42	5450571.72	499.49	355.8	-15.99	0.95	LND	0.0025	0.0025	0.003	TON			
TR11-05-040											0.0025	0.0025	0.001				
TR11-05-041	VT North	253	UTM83-16	310395.38	5450572.63	499.23	355.79	-42.47	0.78	LND	0.024	0.0025	0.004	TON			
TR11-05-042	VT North	253	UTM83-16	310395.35	5450573.21	498.70	1.85	-43.56	0.85	LND	0.0025	0.0025	0.001	TON			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-05-043	VT North	253	UTM83-16	310413.60	5450575.73	500.93	346.05	-23.89	0.89	LND	0.095	0.018	0.002	TON			
TR11-05-044	VT North	253	UTM83-16	310413.43	5450576.53	500.57	344.96	-15.14	0.85	LND	0.011	0.0025	0.001	TON			
TR11-05-045	VT North	253	UTM83-16	310413.24	5450577.32	500.34	345.33	-0.92	0.81	LND	0.0025	0.0025	0.001	TON			
TR11-05-046	VT North	253	UTM83-16	310413.06	5450578.11	500.33	352.01	-8.61	0.89	LND	0.011	0.0025	0.003	TON			
TR11-05-047	VT North	253	UTM83-16	310412.96	5450578.99	500.20	342.06	-16.13	0.95	LND	0.014	0.0025	0.005	MGAB			
TR11-05-048	VT North	253	UTM83-16	310412.71	5450579.86	499.93	346.01	-27.9	0.72	LND	0.013	0.0025	0.006	MGAB			
TR11-06-001											0.0025	0.0025	0.001				
TR11-06-002											0.417	0.089	0.356				
TR11-06-003											0.0025	0.0025	0.007				
TR11-06-004	VT North	253	UTM83-16	310531.31	5450459.95	493.31	156.46	12.02	0.66	LND	0.035	0.006	0.003	MGAB			
TR11-06-005	VT North	253	UTM83-16	310531.54	5450459.28	493.44	158.64	38.12	0.93	LND	0.02	0.0025	0.006	MGAB			
TR11-06-006	VT North	253	UTM83-16	310531.79	5450458.59	494.02	167.78	21.67	1	LND	0.019	0.008	0.006	MGAB			
TR11-06-007	VT North	253	UTM83-16	310531.96	5450457.68	494.39	136.18	14.26	1.03	LND	0.373	0.031	0.008	MGAB			
TR11-06-008	VT North	253	UTM83-16	310532.63	5450456.94	494.64	135.21	7.94	0.96	LND	0.139	0.0025	0.002	MGAB			
TR11-06-009	VT North	253	UTM83-16	310533.27	5450456.25	494.77	132.88	12.87	1.08	LND	0.105	0.0025	0.001	MGAB			
TR11-06-010	VT North	253	UTM83-16	310535.20	5450453.94	495.23	319.11	-10.59	1.06	LND	0.138	0.0025	0.001	MGAB			
TR11-06-011	VT North	253	UTM83-16	310534.54	5450454.75	495.03	323.67	-1.48	0.93	LND	0.118	0.0025	0.001	EGAB			
TR11-06-012	VT North	253	UTM83-16	310534.02	5450455.51	495.01	143.67	1.48	0.93	LND	0.119	0.0025	0.001	EGAB			
TR11-06-013	VT North	253	UTM83-16	310535.87	5450453.14	495.38	139.43	3.22	0.94	LND	0.094	0.0025	0.001	EGAB			
TR11-06-014	VT North	253	UTM83-16	310536.46	5450452.41	495.43	143.9	5.71	0.91	LND	0.127	0.0025	0.001	EGAB			
TR11-06-015	VT North	253	UTM83-16	310536.97	5450451.66	495.52	138.11	17.09	1.05	LND	0.116	0.0025	0.001	MGAB			
TR11-06-016	VT North	253	UTM83-16	310537.62	5450450.89	495.83	139.04	9.96	0.98	LND	0.087	0.0025	0.004	MGAB			
TR11-06-017	VT North	253	UTM83-16	310538.23	5450450.15	496.00	136.89	3.25	1.09	LND	0.118	0.0025	0.001	MGAB			
TR11-06-018	VT North	253	UTM83-16	310538.95	5450449.33	496.06	138.41	2.32	0.99	LND	0.078	0.0025	0.001	MGAB			
TR11-06-019	VT North	253	UTM83-16	310539.59	5450448.57	496.10	142.65	-1.13	1.12	LND	0.1	0.0025	0.001	MGAB			
TR11-06-020											0.0025	0.0025	0.001				
TR11-06-021	VT North	253	UTM83-16	310540.24	5450447.67	496.08	141.35	-0.3	0.95	LND	0.065	0.0025	0.001	EGAB			
TR11-06-022	VT North	253	UTM83-16	310540.81	5450446.91	496.08	135.33	19.96	0.91	LND	0.082	0.0025	0.001	GBNR			
TR11-06-023	VT North	253	UTM83-16	310541.39	5450446.28	496.39	137.43	32.45	0.91	LND	0.091	0.017	0.001	EGAB			
TR11-06-024	VT North	253	UTM83-16	310541.89	5450445.70	496.87	141.82	19.26	0.95	LND	0.098	0.0025	0.001	EGAB			
TR11-06-025	VT North	253	UTM83-16	310542.42	5450444.98	497.19	144.51	12.41	1.06	LND	0.074	0.009	0.001	EGAB			
TR11-06-026	VT North	253	UTM83-16	310543.00	5450444.13	497.41	140.91	4.08	1.03	LND	0.054	0.0025	0.001	EGAB			
TR11-06-027	VT North	253	UTM83-16	310543.62	5450443.31	497.49	143.4	9.96	0.98	LND	0.037	0.0025	0.003	EGAB			
TR11-06-028	VT North	253	UTM83-16	310544.17	5450442.52	497.66	139.3	-2.61	1.08	LND	0.025	0.0025	0.001	EGAB			
TR11-06-029	VT North	253	UTM83-16	310544.85	5450441.69	497.61	141.52	-14.37	0.94	LND	0.031	0.006	0.001	EGAB			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-06-030	VT North	253	UTM83-16	310545.39	5450440.96	497.37	147.37	-13.4	1.01	LND	0.031	0.0025	0.001	GBNR			
TR11-06-031	VT North	253	UTM83-16	310545.90	5450440.11	497.14	148.43	-9.33	1.05	LND	0.009	0.0025	0.001	NOR			
TR11-06-032	VT North	253	UTM83-16	310546.41	5450439.22	496.97	147.98	-10.11	0.86	LND	0.007	0.0025	0.001	GBNR			
TR11-06-033	VT North	253	UTM83-16	310546.84	5450438.48	496.82	139.11	-5.68	1.02	LND	0.0025	0.0025	0.001	GBNR			
TR11-06-034	VT North	253	UTM83-16	310547.48	5450437.70	496.72	143.76	-17.74	1.03	LND	0.01	0.0025	0.001	GBNR			
TR11-06-035	VT North	253	UTM83-16	310548.04	5450436.89	496.40	140.58	-4.37	0.9	LND	0.0025	0.0025	0.001	GBNR			
TR11-06-036	VT North	253	UTM83-16	310548.59	5450436.17	496.33	143.71	2.4	1.08	LND	0.007	0.006	0.001	GBNR			
TR11-06-037	VT North	253	UTM83-16	310549.20	5450435.29	496.38	144.44	-4.88	0.96	LND	0.013	0.0025	0.001	NOR			
TR11-06-038	VT North	253	UTM83-16	310549.74	5450434.49	496.30	144.99	-6.21	0.87	LND	0.009	0.0025	0.001	NOR			
TR11-06-039	VT North	253	UTM83-16	310550.21	5450433.77	496.20	145	0	1.1	LND	0.037	0.0025	0.001	NOR			
TR11-06-040											0.0025	0.0025	0.001				
TR11-06-041	VT North	253	UTM83-16	310551.29	5450431.76	496.18	153.11	-6.49	0.8	LND	0.013	0.005	0.001	GBNR			
TR11-06-042	VT North	253	UTM83-16	310551.94	5450428.99	496.11	160.77	1.08	1.16	LND	0.036	0.0025	0.001	GBNR			
TR11-06-043	VT North	253	UTM83-16	310552.29	5450427.88	496.13	143.46	42.92	0.98	LND	0.026	0.0025	0.001	GBNR			
TR11-06-044	VT North	253	UTM83-16	310552.70	5450427.29	496.80	151.29	13.47	0.8	LND	0.019	0.0025	0.001	GBNR			
TR11-06-045	VT North	253	UTM83-16	310553.05	5450426.59	496.99	152.43	12.52	0.94	LND	0.037	0.0025	0.001	PYXT			
TR11-06-046	VT North	253	UTM83-16	310553.45	5450425.77	497.19	146.5	-20.51	1.06	LND	0.027	0.0025	0.001	PYXT			
TR11-06-047	VT North	253	UTM83-16	310553.97	5450424.93	496.82	152	-7.21	1.04	LND	0.04	0.0025	0.001	GBNR			
TR11-06-048	VT North	253	UTM83-16	310554.43	5450424.00	496.69	146.33	-1.11	0.93	LND	0.045	0.005	0.001	GBNR			
TR11-06-049	VT North	253	UTM83-16	310554.92	5450423.22	496.67	151.17	12.03	1.04	LND	0.036	0.007	0.01	GBNR			
TR11-06-050	VT North	253	UTM83-16	310555.39	5450422.31	496.89	149	5.87	0.92	LND	0.037	0.0025	0.001	GBNR			
TR11-06-051	VT North	253	UTM83-16	310555.83	5450421.52	496.98	153.46	11.2	1.02	LND	0.039	0.0025	0.001	NOR			
TR11-06-052	VT North	253	UTM83-16	310556.25	5450420.61	497.18	157.44	-9.44	0.89	LND	0.043	0.0025	0.001	GBNR			
TR11-06-053	VT North	253	UTM83-16	310556.57	5450419.79	497.04	144.43	-11.71	1.04	LND	0.038	0.0025	0.001	GBNR			
TR11-06-054	VT North	253	UTM83-16	310556.22	5450418.17	496.68	120.7	43.24	0.83	LND	0.058	0.006	0.001	GBNR			
TR11-06-055	VT North	253	UTM83-16	310556.73	5450417.85	497.25	136.76	21.27	0.94	LND	0.047	0.0025	0.001	GBNR			
TR11-06-056	VT North	253	UTM83-16	310557.31	5450417.19	497.59	131.67	22.35	1	LND	0.048	0.0025	0.001	GBNR			
TR11-06-057	VT North	253	UTM83-16	310557.99	5450416.55	497.97	132.64	1.27	0.95	LND	0.053	0.0025	0.001	MGAB			
TR11-06-058	VT North	253	UTM83-16	310558.66	5450415.89	497.99	136.63	5.71	0.97	LND	0.079	0.0025	0.001	MGAB			
TR11-06-059	VT North	253	UTM83-16	310559.31	5450415.17	498.09	131.29	-11.99	0.94	LND	0.058	0.0025	0.001	MGAB			
TR11-06-060											0.492	0.098	0.21				
TR11-06-061	VT North	253	UTM83-16	310558.46	5450412.99	497.80	170.87	29.91	0.99	LND	0.051	0.0025	0.003	EGAB			
TR11-06-062	VT North	253	UTM83-16	310559.24	5450411.86	497.80	130.51	11.61	0.89	LND	0.059	0.0025	0.001	EGAB			
TR11-06-063	VT North	253	UTM83-16	310559.87	5450411.19	498.08	136.9	4.44	0.88	LND	0.047	0.005	0.001	EGAB			
TR11-06-064	VT North	253	UTM83-16	310560.45	5450410.53	498.15	136.62	10.93	0.92	LND	0.027	0.0025	0.001	GAB			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-06-065	VT North	253	UTM83-16	310561.05	5450409.86	498.32	139.34	24.76	1.12	LND	0.047	0.0025	0.001	EGAB			
TR11-06-066	VT North	253	UTM83-16	310561.69	5450409.06	498.79	144.11	3.49	1.05	LND	0.048	0.0025	0.001	EGAB			
TR11-06-067	VT North	253	UTM83-16	310562.28	5450408.20	498.86	142.53	-0.9	0.89	LND	0.051	0.0025	0.001	EGAB			
TR11-06-068	VT North	253	UTM83-16	310560.56	5450407.03	498.79	120.01	2.1	1.15	LND	0.047	0.0025	0.001	MGAB			
TR11-06-069	VT North	253	UTM83-16	310561.54	5450406.43	498.84	120.17	7.07	0.97	LND	0.049	0.0025	0.002	MGAB			
TR11-06-070	VT North	253	UTM83-16	310562.36	5450405.92	498.96	131	56.75	0.91	LND	0.047	0.0025	0.001	GBNR			
TR11-06-071											0.0025	0.0025	0.001				
TR11-06-072											0.439	0.092	0.424				
TR11-06-073											0.0025	0.0025	0.005				
TR11-06-074	VT North	253	UTM83-16	310562.72	5450405.58	499.71	161.18	22.52	0.86	LND	0.053	0.0025	0.001	GBNR			
TR11-06-075	VT North	253	UTM83-16	310562.96	5450404.82	500.04	141.06	39.25	0.86	LND	0.041	0.0025	0.001	GBNR			
TR11-06-076	VT North	253	UTM83-16	310563.36	5450404.29	500.59	143.42	4.22	0.96	LND	0.039	0.0025	0.001	GBNR			
TR11-06-077	VT North	253	UTM83-16	310563.91	5450403.50	500.66	133.75	10.21	0.92	LND	0.046	0.0025	0.001	GBNR			
TR11-06-078	VT North	253	UTM83-16	310564.54	5450402.86	500.82	157.53	-15.59	0.98	LND	0.044	0.0025	0.001	GBNR			
TR11-06-079	VT North	253	UTM83-16	310564.88	5450401.98	500.56	146.11	-20.74	1	LND	0.05	0.0025	0.001	GBNR			
TR11-06-080	VT North	253	UTM83-16	310565.37	5450401.19	500.20	156.03	-16.13	0.97	LND	0.047	0.0025	0.001	GBNR			
TR11-06-081	VT North	253	UTM83-16	310565.73	5450400.33	499.94	139.4	-22.86	1.07	LND	0.047	0.0025	0.001	GBNR			
TR11-06-082	VT North	253	UTM83-16	310565.88	5450398.97	499.70	235.98	-9.9	0.93	LND	0.051	0.0025	0.001	GBNR			
TR11-06-083	VT North	253	UTM83-16	310565.11	5450398.48	499.54	237.28	-11.88	0.87	LND	0.036	0.0025	0.001	GBNR			
TR11-06-084	VT North	253	UTM83-16	310566.63	5450398.35	499.76	171.86	50.87	0.89	LND	0.042	0.0025	0.001	GBNR			
TR11-06-085	VT North	253	UTM83-16	310566.69	5450397.79	500.45	174.48	-8.82	0.98	LND	0.033	0.0025	0.001	GBNR			
TR11-06-086	VT North	253	UTM83-16	310566.76	5450396.83	500.30	178.79	1.75	0.95	LND	0.017	0.0025	0.001	EGAB			
TR11-06-087	VT North	253	UTM83-16	310566.75	5450395.88	500.33	172.11	-13.78	0.99	LND	0.024	0.0025	0.001	EGAB			
TR11-06-088	VT North	253	UTM83-16	310566.85	5450394.92	500.09	170.57	-3.05	1.05	LND	0.027	0.0025	0.001	EGAB			
TR11-06-089	VT North	253	UTM83-16	310566.85	5450393.78	500.00	165.75	-12.42	0.87	LND	0.036	0.0025	0.001	GBNR			
TR11-06-090											0.0025	0.0025	0.001				
TR11-06-091	VT North	253	UTM83-16	310575.22	5450385.50	499.90	93.47	23.94	0.7	LND	0.046	0.0025	0.001	GBNR			
TR11-06-092	VT North	253	UTM83-16	310575.77	5450385.35	500.28	129.87	50.4	0.83	LND	0.042	0.0025	0.001	GBNR			
TR11-06-093	VT North	253	UTM83-16	310576.17	5450385.00	500.93	141.39	22.96	1.04	LND	0.038	0.0025	0.001	GBNR			
TR11-06-094	VT North	253	UTM83-16	310576.74	5450384.24	501.33	139.2	26.62	0.96	LND	0.033	0.0025	0.001	GBNR			
TR11-06-095	VT North	253	UTM83-16	310577.29	5450383.57	501.76	138.55	34.59	1.1	LND	0.037	0.0025	0.001	GBNR			
TR11-06-096	VT North	253	UTM83-16	310577.86	5450382.87	502.38	140.33	23.53	0.97	LND	0.035	0.0025	0.001	GBNR			
TR11-06-097	VT North	253	UTM83-16	310578.41	5450382.17	502.77	134.27	13.63	0.91	LND	0.03	0.0025	0.001	NOR			
TR11-06-098	VT North	253	UTM83-16	310579.03	5450381.53	502.99	157.99	6.34	1	LND	0.0025	0.005	0.001	GBNR			
TR11-06-099	VT North	253	UTM83-16	310579.37	5450380.60	503.10	163.67	1.12	0.97	LND	0.0025	0.007	0.001	GBNR			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-06-100	VT North	253	UTM83-16	310579.62	5450379.66	503.12	161.36	5.1	0.99	LND	0.027	0.008	0.001	NOR			
TR11-06-101	VT North	253	UTM83-16	310579.91	5450378.72	503.20	163.9	10.37	1.06	LND	0.041	0.0025	0.001	NOR			
TR11-06-102	VT North	253	UTM83-16	310580.16	5450377.71	503.39	161.26	16.21	0.99	LND	0.037	0.0025	0.001	GBNR			
TR11-06-103	VT North	253	UTM83-16	310580.44	5450376.81	503.67	161.91	16.86	0.99	LND	0.027	0.0025	0.001	GBNR			
TR11-06-104	VT North	253	UTM83-16	310580.71	5450375.90	503.96	150.98	-3.3	0.97	LND	0.0025	0.006	0.001	GBNR			
TR11-06-105	VT North	253	UTM83-16	310581.15	5450375.04	503.90	195.9	-46.52	0.99	LND	0.044	0.0025	0.001	GBNR			
TR11-06-106	VT North	253	UTM83-16	310580.95	5450374.39	503.18	174.83	-32.34	1.01	LND	0.04	0.0025	0.001	GAB			
TR11-06-107	VT North	253	UTM83-16	310581.00	5450373.54	502.64	181.4	-30.09	0.94	LND	0.035	0.0025	0.001	GAB			
TR11-06-108	VT North	253	UTM83-16	310580.96	5450372.72	502.17	174.52	9.64	0.97	LND	0.038	0.006	0.001	GAB			
TR11-06-109	VT North	253	UTM83-16	310581.02	5450371.77	502.33	171.57	9.78	1.02	LND	0.03	0.0025	0.001	GAB			
TR11-06-110											0.0025	0.0025	0.001				
TR11-06-111	VT North	253	UTM83-16	310581.14	5450370.77	502.51	180.26	-17.04	0.92	LND	0.026	0.0025	0.001	MGAB			
TR11-06-112	VT North	253	UTM83-16	310581.11	5450369.89	502.24	178.83	-26.09	1.03	LND	0.029	0.0025	0.001	MGAB			
TR11-06-113	VT North	253	UTM83-16	310581.10	5450368.96	501.78	172.88	-12.5	0.98	LND	0.032	0.01	0.001	MGAB			
TR11-06-114	VT North	253	UTM83-16	310581.19	5450368.00	501.57	174.82	-11.1	1.04	LND	0.01	0.0025	0.001	PYXT			
TR11-06-115	VT North	253	UTM83-16	310581.25	5450366.98	501.37	170.96	-1.82	1.01	LND	0.011	0.008	0.001	PYXT			
TR11-06-116	VT North	253	UTM83-16	310581.78	5450361.67	501.34	191.19	20.44	0.9	LND	0.024	0.0025	0.001	PYXT			
TR11-06-117	VT North	253	UTM83-16	310581.60	5450360.85	501.66	187.32	12.49	0.99	LND	0.026	0.0025	0.001	PYXT			
TR11-06-118	VT North	253	UTM83-16	310581.44	5450359.89	501.87	190.8	11.02	0.96	LND	0.03	0.0025	0.001	PYXT			
TR11-06-119	VT North	253	UTM83-16	310581.24	5450358.98	502.06	186.02	-3.14	1	LND	0.022	0.006	0.01	PYXT			
TR11-06-120	VT North	253	UTM83-16	310581.11	5450357.98	502.00	187.3	7.24	1.07	LND	0.034	0.008	0.003	MGAB			
TR11-06-121	VT North	253	UTM83-16	310580.94	5450356.93	502.14	193.64	5.18	1	LND	0.033	0.006	0.001	GBNR			
TR11-06-122	VT North	253	UTM83-16	310580.68	5450355.98	502.23	198.73	8.14	0.92	LND	0.063	0.012	0.015	GAB			
TR11-06-123	VT North	253	UTM83-16	310580.07	5450354.21	502.50	200.16	2.99	1.05	LND	0.137	0.019	0.013	NOR			
TR11-06-124	VT North	253	UTM83-16	310580.36	5450355.12	502.36	195.65	8.21	0.97	LND	0.102	0.012	0.011	GAB			
TR11-06-125	VT North	253	UTM83-16	310579.68	5450353.23	502.55	204.68	-28.71	1.05	LND	0.158	0.02	0.013	NOR			
TR11-06-126	VT North	253	UTM83-16	310579.27	5450352.40	502.05	193.88	-20.39	0.94	LND	0.095	0.013	0.007	GBNR			
TR11-06-127	VT North	253	UTM83-16	310579.04	5450351.55	501.72	198.95	-21.39	1.01	LND	0.097	0.016	0.005	GBNR			
TR11-06-128	VT North	253	UTM83-16	310578.72	5450350.66	501.36	205.47	-25.05	1	LND	0.054	0.01	0.001	GBNR			
TR11-06-129	VT North	253	UTM83-16	310578.30	5450349.81	500.94	199.73	-6.82	0.9	LND	0.067	0.011	0.005	NOR			
TR11-06-130											0.478	0.101	0.222				
TR11-06-131	VT North	253	UTM83-16	310577.97	5450348.98	500.84	197.91	9.55	1.05	LND	0.098	0.023	0.009	GBNR			
TR11-06-132	VT North	253	UTM83-16	310577.63	5450348.01	501.01	201.56	-15.16	1.01	LND	0.054	0.021	0.003	GBNR			
TR11-06-133	VT North	253	UTM83-16	310577.24	5450347.11	500.75	199.6	-11.27	0.95	LND	0.055	0.024	0.001	GBNR			
TR11-06-134	VT North	253	UTM83-16	310576.90	5450346.24	500.56	200.36	-6.12	0.99	LND	0.064	0.023	0.001	GBNR			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-06-135	VT North	253	UTM83-16	310576.53	5450345.33	500.46	202.28	-18.3	0.91	LND	0.057	0.02	0.001	GBNR			
TR11-06-136	VT North	253	UTM83-16	310576.18	5450344.53	500.17	206.05	-30.32	0.98	LND	0.047	0.019	0.001	GAB	Vt		
TR11-06-137	VT North	253	UTM83-16	310575.79	5450343.78	499.67	201.88	-15.18	1.08	LND	0.04	0.015	0.001	GAB			
TR11-06-138	VT North	253	UTM83-16	310575.37	5450342.83	499.39	205.66	-22.33	1.16	LND	0.044	0.018	0.001	GAB			
TR11-06-139	VT North	253	UTM83-16	310574.87	5450341.87	498.95	202.72	-19.27	0.81	LND	0.026	0.011	0.004	GBNR			
TR11-06-140	VT North	253	UTM83-16	310577.92	5450303.49	498.03	219.5	-6.06	0.72	LND	0.07	0.029	0.001	NOR			
TR11-06-141											0.0025	0.0025	0.001				
TR11-06-142											0.449	0.095	0.372				
TR11-06-143											0.0025	0.0025	0.005				
TR11-06-144	VT North	253	UTM83-16	310577.44	5450302.95	497.96	219.37	-12.01	0.98	LND	0.074	0.026	0.001	NOR			
TR11-06-145	VT North	253	UTM83-16	310576.82	5450302.23	497.75	218.97	3.21	0.96	LND	0.05	0.02	0.001	NOR			
TR11-06-146	VT North	253	UTM83-16	310576.19	5450301.50	497.81	221.39	11.63	1.08	LND	0.058	0.02	0.001	NOR			
TR11-06-147	VT North	253	UTM83-16	310575.47	5450300.73	498.02	201.45	-24.98	0.98	LND	0.072	0.024	0.001	NOR			
TR11-06-148	VT North	253	UTM83-16	310573.58	5450296.85	497.48	196.21	31.83	1.09	LND	0.067	0.036	0.001	GBNR			
TR11-06-149	VT North	253	UTM83-16	310573.29	5450295.97	498.06	189.45	24.91	1.05	LND	0.065	0.025	0.001	GBNR			
TR11-06-150	VT North	253	UTM83-16	310573.10	5450295.03	498.50	193.46	25.65	0.91	LND	0.056	0.026	0.001	GBNR			
TR11-06-151	VT North	253	UTM83-16	310572.89	5450294.24	498.90	186.19	14.94	1.07	LND	0.063	0.024	0.001	NOR			
TR11-06-152	VT North	253	UTM83-16	310572.75	5450293.21	499.17	186.69	9.67	1.02	LND	0.056	0.026	0.001	NOR			
TR11-06-153	VT North	253	UTM83-16	310572.60	5450292.22	499.35	187.13	-2.17	0.98	LND	0.027	0.007	0.003	GBNR			
TR11-06-154	VT North	253	UTM83-16	310572.45	5450291.25	499.31	188.18	5.83	1	LND	0.036	0.01	0.001	GBNR			
TR11-06-155	VT North	253	UTM83-16	310572.28	5450290.27	499.41	185.64	-5.45	1.03	LND	0.051	0.01	0.001	GBNR			
TR11-06-156	VT North	253	UTM83-16	310572.15	5450289.25	499.31	187.39	1.04	0.99	LND	0.042	0.008	0.001	GBNR			
TR11-06-157	VT North	253	UTM83-16	310571.99	5450288.28	499.33	184.85	-15.44	0.79	LND	0.039	0.005	0.001	LNOR			
TR11-06-158	VT North	253	UTM83-16	310571.91	5450287.53	499.12	196.36	-40.69	0.98	LND	0.025	0.0025	0.001	GBNR			
TR11-06-159	VT North	253	UTM83-16	310571.68	5450286.82	498.48	190.6	-18.43	0.94	LND	0.066	0.012	0.001	GBNR			
TR11-06-160											0.0025	0.0025	0.001				
TR11-06-161	VT North	253	UTM83-16	310571.49	5450285.95	498.19	192.88	-17.46	1.03	LND	0.094	0.018	0.001	NOR			
TR11-06-162	VT North	253	UTM83-16	310571.24	5450285.00	497.88	193.9	2.98	0.94	LND	0.065	0.012	0.001	NOR			
TR11-06-163	VT North	253	UTM83-16	310570.99	5450284.09	497.93	192.78	16.71	0.74	LND	0.09	0.016	0.001	NOR			
TR11-06-164	VT North	253	UTM83-16	310570.81	5450283.40	498.14	192.45	25.64	0.75	LND	0.078	0.014	0.001	NOR			
TR11-06-165	VT North	253	UTM83-16	310568.49	5450280.63	497.64	201.24	11.86	0.83	LND	0.092	0.013	0.001	GBNR			
TR11-06-166	VT North	253	UTM83-16	310568.17	5450279.88	497.81	193.18	15.08	1.03	LND	0.086	0.009	0.001	GBNR			
TR11-06-167	VT North	253	UTM83-16	310567.92	5450278.93	498.08	198.67	15.15	0.97	LND	0.083	0.008	0.004	GBNR			
TR11-06-168	VT North	253	UTM83-16	310567.59	5450278.05	498.33	195.87	12.03	1.02	LND	0.02	0.007	0.001	LGAB			
TR11-06-169	VT North	253	UTM83-16	310567.29	5450277.10	498.55	193.04	5.17	1.01	LND	0.092	0.009	0.001	GAB			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-06-170	VT North	253	UTM83-16	310567.04	5450276.13	498.64	196.04	-8.72	1	LND	0.081	0.007	0.001	MGAB			
TR11-06-171	VT North	253	UTM83-16	310566.74	5450275.19	498.49	197.3	-12.99	1.08	LND	0.077	0.0025	0.001	MGAB			
TR11-06-172	VT North	253	UTM83-16	310566.40	5450274.20	498.24	199.97	2.71	0.93	LND	0.037	0.0025	0.001	MGAB			
TR11-06-173	VT North	253	UTM83-16	310566.05	5450273.33	498.29	200.04	-4.64	1.04	LND	0.054	0.005	0.001	GAB			
TR11-06-174	VT North	253	UTM83-16	310561.67	5450268.43	497.92	152.49	7.01	0.98	LND	0.073	0.01	0.001	LNOR			
TR11-06-175	VT North	253	UTM83-16	310562.09	5450267.55	498.04	157.73	-8.71	1.21	LND	0.063	0.0025	0.001	GBNR			
TR11-06-176	VT North	253	UTM83-16	310562.51	5450266.43	497.86	156.62	15.19	1.04	LND	0.059	0.011	0.001	GBNR			
TR11-06-177	VT North	253	UTM83-16	310562.88	5450265.50	498.13	164.03	9.46	0.92	LND	0.066	0.008	0.001	GBNR			
TR11-06-178	VT North	253	UTM83-16	310563.11	5450264.61	498.28	161.12	27.37	1.24	LND	0.076	0.008	0.001	GBNR			
TR11-06-179	VT North	253	UTM83-16	310563.43	5450263.56	498.85	157.05	-0.3	0.94	LND	0.07	0.007	0.003	GBNR			
TR11-06-180											0.0025	0.0025	0.001				
TR11-06-181	VT North	253	UTM83-16	310560.30	5450261.31	497.96	171.15	12.93	0.97	LND	0.077	0.011	0.001	GBNR			
TR11-06-182	VT North	253	UTM83-16	310560.42	5450260.37	498.18	178.88	-0.19	0.92	LND	0.059	0.008	0.001	PYXT			
TR11-06-183	VT North	253	UTM83-16	310560.41	5450259.45	498.18	178.75	11.08	1.03	LND	0.031	0.005	0.001	PYXT			
TR11-06-184	VT North	253	UTM83-16	310560.40	5450258.44	498.38	182.15	7.6	0.91	LND	0.007	0.0025	0.001	DIKE			4
TR11-06-185	VT North	253	UTM83-16	310560.34	5450257.53	498.50	181.89	8.78	1.26	LND	0.221	0.015	0.006	EGAB			
TR11-06-186	VT North	253	UTM83-16	310560.26	5450256.29	498.69	178.25	24.79	0.9	LND	0.285	0.013	0.003	EGAB			
TR11-06-187	VT North	253	UTM83-16	310560.26	5450255.47	499.07	183.64	-3.86	1	LND	0.576	0.053	0.012	EGAB			
TR11-06-188	VT North	253	UTM83-16	310560.17	5450254.49	499.00	181.82	7.29	0.95	LND	0.132	0.0025	0.001	EGAB			
TR11-06-189	VT North	253	UTM83-16	310560.11	5450253.54	499.12	182.07	13.33	1.05	LND	0.118	0.01	0.012	EGAB			
TR11-06-190	VT North	253	UTM83-16	310560.04	5450252.52	499.36	178.57	9.24	0.97	LND	0.099	0.007	0.003	EGAB			
TR11-06-191	VT North	253	UTM83-16	310560.04	5450251.56	499.52	179.42	4.65	0.99	LND	0.085	0.005	0.001	EGAB			
TR11-06-192	VT North	253	UTM83-16	310560.02	5450250.57	499.60	180.06	5.87	1.01	LND	0.085	0.005	0.001	EGAB			
TR11-06-193	VT North	253	UTM83-16	310559.99	5450249.57	499.70	178.58	4.99	1.01	LND	0.061	0.0025	0.001	EGAB			
TR11-06-194	VT North	253	UTM83-16	310559.98	5450248.57	499.79	176.38	3.32	1	LND	0.056	0.0025	0.001	EGAB			
TR11-06-195	VT North	253	UTM83-16	310560.02	5450247.57	499.85	177.36	-1.79	1.02	LND	0.061	0.007	0.001	EGAB			
TR11-06-196	VT North	253	UTM83-16	310560.03	5450246.55	499.82	177.14	-13.48	0.95	LND	0.052	0.0025	0.001	EGAB			
TR11-06-197	VT North	253	UTM83-16	310560.05	5450245.62	499.60	178.96	0.77	1.04	LND	0.05	0.005	0.001	EGAB			
TR11-06-198	VT North	253	UTM83-16	310560.04	5450244.58	499.61	177.44	4	0.99	LND	0.041	0.0025	0.001	EGAB			
TR11-06-199	VT North	253	UTM83-16	310560.05	5450243.60	499.68	170.16	0.05	1.06	LND	0.029	0.0025	0.001	EGAB			
TR11-06-200											0.476	0.099	0.24				
TR11-06-201	VT North	253	UTM83-16	310560.21	5450242.54	499.68	174.43	10.22	0.96	LND	0.038	0.005	0.004	EGAB			
TR11-06-202	VT North	253	UTM83-16	310560.27	5450241.60	499.85	173.95	3.42	0.99	LND	0.035	0.0025	0.003	EGAB			
TR11-06-203	VT North	253	UTM83-16	310560.34	5450240.61	499.91	173.13	-2.27	1.01	LND	0.027	0.0025	0.003	EGAB			
TR11-06-204	VT North	253	UTM83-16	310560.44	5450239.61	499.87	171.63	3.09	0.98	LND	0.033	0.0025	0.001	EGAB			

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TR11-06-205	VT North	253	UTM83-16	310560.55	5450238.63	499.92	173.34	5.23	1.02	LND	0.0025	0.0025	0.001	EGAB			
TR11-06-206	VT North	253	UTM83-16	310560.64	5450237.62	500.02	171.57	9.9	1.02	LND	0.023	0.0025	0.001	EGAB			
TR11-06-207	VT North	253	UTM83-16	310560.75	5450236.62	500.19	174.55	7.32	0.9	LND	0.042	0.0025	0.001	EGAB			
TR11-06-208	VT North	253	UTM83-16	310560.81	5450235.73	500.31	157.56	10.44	1.09	LND	0.029	0.0025	0.001	EGAB			
TR11-06-209	VT North	253	UTM83-16	310561.19	5450234.72	500.50	151.44	11.2	0.94	LND	0.032	0.0025	0.001	GBNR			
TR11-06-210	VT North	253	UTM83-16	310561.61	5450233.90	500.69	152.63	11.42	0.97	LND	0.031	0.0025	0.001	GBNR			
TR11-06-211											0.0025	0.0025	0.001				
TR11-06-212											0.435	0.094	0.425				
TR11-06-213											0.0025	0.0025	0.006				
TR11-06-214	VT North	253	UTM83-16	310562.02	5450233.04	500.88	155.92	12.94	1	LND	0.022	0.005	0.001	GBNR			
TR11-06-215	VT North	253	UTM83-16	310562.39	5450232.14	501.10	158.27	15.45	1.03	LND	0.023	0.0025	0.001	GBNR			
TR11-06-216	VT North	253	UTM83-16	310562.73	5450231.21	501.38	155.03	12.23	1.07	LND	0.023	0.0025	0.001	GBNR			
TR11-06-217	VT North	253	UTM83-16	310563.14	5450230.25	501.60	154.68	11.61	0.98	LND	0.037	0.0025	0.001	GBNR			
TR11-06-218	VT North	253	UTM83-16	310563.53	5450229.37	501.80	155.93	6.94	0.94	LND	0.0025	0.0025	0.001	GBNR			
TR11-06-219	VT North	253	UTM83-16	310563.89	5450228.51	501.91	156.08	9.35	1.04	LND	0.012	0.0025	0.001	EGAB			
TR11-06-220	VT North	253	UTM83-16	310564.27	5450227.56	502.08	185.03	4.24	1.03	LND	0.024	0.0025	0.001	EGAB			
TR11-06-221	VT North	253	UTM83-16	310564.15	5450226.54	502.16	185.34	2.2	0.99	LND	0.072	0.01	0.001	EGAB			
TR11-06-222	VT North	253	UTM83-16	310564.03	5450225.56	502.20	184.39	-3.04	0.94	LND	0.026	0.0025	0.001	EGAB			
TR11-06-223	VT North	253	UTM83-16	310563.93	5450224.62	502.15	185.84	2.28	1.03	LND	0.024	0.0025	0.001	EGAB			
TR11-06-224	VT North	253	UTM83-16	310563.80	5450223.60	502.19	185.46	-2.42	1.02	LND	0.026	0.0025	0.001	EGAB			
TR11-06-225	VT North	253	UTM83-16	310563.67	5450222.59	502.14	185.45	-4.86	0.91	LND	0.029	0.0025	0.001	EGAB			
TR11-06-226	VT North	253	UTM83-16	310563.56	5450221.69	502.07	186.17	-6.79	1.05	LND	0.029	0.0025	0.001	GBNR			
TR11-06-227	VT North	253	UTM83-16	310563.42	5450220.66	501.94	185.44	-10.74	1	LND	0.038	0.0025	0.001	EGAB			
TR11-06-228	VT North	253	UTM83-16	310563.29	5450219.68	501.76	184.48	-5.56	0.99	LND	0.034	0.0025	0.001	EGAB			
TR11-06-229	VT North	253	UTM83-16	310563.19	5450218.70	501.66	181.91	-6.17	0.97	LND	0.02	0.0025	0.001	EGAB			
TR11-06-230											0.0025	0.0025	0.001				
TR11-06-231	VT North	253	UTM83-16	310563.13	5450217.74	501.56	185.69	-12.68	0.77	LND	0.02	0.006	0.001	EGAB			
TR11-06-232	VT North	253	UTM83-16	310563.03	5450217.00	501.39	183.39	-14.81	0.89	LND	0.024	0.0025	0.001	EGAB			
TR11-07-001											0.0025	0.0025	0.001				
TR11-07-002											0.496	0.111	0.211				
TR11-07-003											0.0025	0.0025	0.006				
TR11-07-004	VT North	253	UTM83-16	310652.77	5450555.10	495.90	320.25	-10.98	1.12	LND	0.009	0.0025	0.009	EGAB			
TR11-07-005	VT North	253	UTM83-16	310652.09	5450555.96	495.68	321.74	-0.18	0.96	LND	0.01	0.0025	0.004	EGAB			
TR11-07-006	VT North	253	UTM83-16	310651.52	5450556.73	495.68	347.41	-10.83	1	LND	0.008	0.0025	0.001	EGAB			
TR11-07-007	VT North	253	UTM83-16	310651.33	5450557.69	495.49	347.02	-13.75	0.98	LND	0.009	0.0025	0.004	EGAB			

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TR11-07-008	VT North	253	UTM83-16	310651.15	5450558.62	495.26	351.99	-16.54	0.91	LND	0.007	0.0025	0.004	EGAB			
TR11-07-009	VT North	253	UTM83-16	310651.05	5450559.49	495.00	344.32	-18.98	1.12	LND	0.01	0.0025	0.004	EGAB			
TR11-07-010	VT North	253	UTM83-16	310650.80	5450560.52	494.64	352.27	-16.74	1.11	LND	0.009	0.0025	0.008	EGAB			
TR11-07-011	VT North	253	UTM83-16	310650.68	5450561.58	494.32	349.58	-13.29	0.85	LND	0.019	0.0025	0.003	EGAB			
TR11-07-012	VT North	253	UTM83-16	310650.56	5450562.40	494.12	352.04	-19.98	1.01	LND	0.011	0.0025	0.003	EGAB			
TR11-07-013	VT North	253	UTM83-16	310650.45	5450563.34	493.78	359.86	-28.83	0.9	LND	0.01	0.0025	0.002	EGAB			
TR11-07-014	VT North	253	UTM83-16	310650.48	5450564.13	493.34	2.75	-25.17	0.99	LND	0.014	0.007	0.014	EGAB			
TR11-07-015	VT North	253	UTM83-16	310648.63	5450570.72	495.00	88.57	23.73	1.01	LND	0.006	0.0025	0.004	EGAB			
TR11-07-016	VT North	253	UTM83-16	310649.55	5450570.72	495.40	54.63	11.85	0.95	LND	0.008	0.0025	0.004	EGAB			
TR11-07-017	VT North	253	UTM83-16	310650.32	5450571.23	495.60	321.71	13.59	1.06	LND	0.0025	0.0025	0.003	EGAB			
TR11-07-018	VT North	253	UTM83-16	310649.71	5450572.06	495.85	318.77	-23.63	0.95	LND	0.02	0.0025	0.004	EGAB			
TR11-07-019	VT North	253	UTM83-16	310649.15	5450572.74	495.47	327.46	-30.24	0.85	LND	0.008	0.0025	0.004	EGAB			
TR11-07-020											0.0025	0.0025	0.002				
TR11-07-021	VT North	253	UTM83-16	310648.69	5450575.09	495.06	337.42	53.75	1.04	LND	0.0025	0.0025	0.001	MGAB			
TR11-07-022	VT North	253	UTM83-16	310648.21	5450576.11	496.52	324.83	52.04	0.8	LND	0.007	0.0025	0.004	EGAB			
TR11-07-023	VT North	253	UTM83-16	310648.24	5450576.13	496.51	321.88	52.24	0.81	LND	0.009	0.0025	0.004	EGAB			
TR11-07-024	VT North	253	UTM83-16	310649.75	5450577.38	497.44	341.87	-11.48	1.03	LND	0.008	0.0025	0.004	EGAB			
TR11-07-025	VT North	253	UTM83-16	310648.59	5450578.34	497.32	44.36	3.52	0.95	LND	0.01	0.0025	0.004	EGAB			
TR11-07-026	VT North	253	UTM83-16	310648.92	5450579.46	497.62	351.5	5.28	0.71	LND	0.008	0.0025	0.007	EGAB			
TR11-07-027	VT North	253	UTM83-16	310647.41	5450580.99	498.03	36.22	-13.34	0.82	LND	0.014	0.021	0.008	GAB			
TR11-07-028	VT North	253	UTM83-16	310647.90	5450581.61	497.84	43.61	11.06	0.92	LND	0.107	0.012	0.004	GAB	vt		
TR11-07-029	VT North	253	UTM83-16	310646.54	5450583.59	497.56	31.49	-16.97	0.87	LND	0.01	0.0025	0.002	DIKE			3
TR11-07-030	VT North	253	UTM83-16	310646.70	5450585.95	497.01	15.87	1.26	0.95	LND	0.069	0.021	0.001	GAB	vt		
TR11-07-031	VT North	253	UTM83-16	310646.59	5450587.80	496.74	324.49	-3.66	0.85	LND	0.213	0.044	0.004	GAB	vt		
TR11-07-032	VT North	253	UTM83-16	310646.12	5450588.51	496.69	318.01	-6.59	1.12	LND	0.1	0.055	0.001	GAB	vt		
TR11-07-033	VT North	253	UTM83-16	310645.21	5450590.45	496.27	9.64	-22.84	0.82	LND	0.104	0.031	0.001	GAB			
TR11-07-034	VT North	253	UTM83-16	310645.35	5450591.19	495.95	9.6	-3.09	1	LND	0.145	0.03	0.004	GAB	vt		
TR11-07-035	VT North	253	UTM83-16	310645.55	5450592.17	495.90	351.51	-12.73	1.14	LND	0.113	0.022	0.002	GAB	vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-07-036	VT North	253	UTM83-16	310645.42	5450593.27	495.65	342.96	-6.09	0.78	LND	0.181	0.045	0.002	GAB	vt		
TR11-07-037	VT North	253	UTM83-16	310645.21	5450594.02	495.56	344.67	-19.82	1.03	LND	0.228	0.035	0.021	GAB			
TR11-07-038	VT North	253	UTM83-16	310644.99	5450594.96	495.22	345.12	-34.1	1.11	LND	0.117	0.022	0.005	GAB			
TR11-07-039	VT North	253	UTM83-16	310644.78	5450595.86	494.59	347.7	-17.9	0.76	LND	0.451	0.059	0.007	GAB	vt		
TR11-07-040											0.0025	0.0025	0.001				
TR11-07-041	VT North	253	UTM83-16	310644.64	5450596.57	494.36	339.16	-41.79	1.08	LND	0.255	0.043	0.003	GAB	vt		
TR11-07-042	VT North	253	UTM83-16	310644.38	5450597.33	493.64	331.42	-45.16	0.81	LND	2.09	0.22	0.024	GAB	vt		
TR11-07-043	VT North	253	UTM83-16	310644.12	5450597.84	493.06	356.06	-61.03	0.84	LND	0.083	0.011	0.001	GAB	vt		
TR11-07-044	VT North	253	UTM83-16	310645.79	5450597.45	494.09	329.73	-8.35	0.89	LND	0.408	0.043	0.007	GAB	vt		
TR11-07-045	VT North	253	UTM83-16	310645.37	5450598.22	493.96	347.64	-18.82	0.88	LND	1.12	0.149	0.017	GAB	vt		
TR11-07-046	VT North	253	UTM83-16	310645.22	5450599.05	493.68	329.27	-32.72	1.11	LND	0.3	0.054	0.006	GAB	vt		
TR11-07-047	VT North	253	UTM83-16	310643.62	5450600.06	491.83	320.73	3.63	1.12	LND	0.05	0.015	0.005	GAB	vt		
TR11-07-048	VT North	253	UTM83-16	310642.94	5450600.94	491.90	319.02	-13.2	1.05	LND	0.96	0.101	0.022	GAB	vt		
TR11-07-049	VT North	253	UTM83-16	310642.30	5450601.73	491.66	321.19	-17.43	0.95	LND	0.348	0.044	0.025	GAB	vt		
TR11-07-050	VT North	253	UTM83-16	310643.45	5450602.53	491.57	320.47	-20.71	0.85	LND	0.071	0.019	0.006	GAB	vt		
TR11-07-051	VT North	253	UTM83-16	310642.96	5450603.16	491.27	338.47	-14.5	0.96	LND	0.081	0.018	0.003	GAB	vt		
TR11-07-052	VT North	253	UTM83-16	310642.64	5450604.03	491.03	334.16	-43.74	1.27	LND	0.075	0.014	0.003	GAB	vt		
TR11-07-053	VT North	253	UTM83-16	310642.27	5450604.87	490.15	344.05	-16.25	0.62	LND	0.14	0.022	0.004	GAB	vt		
TR11-07-054	VT North	253	UTM83-16	310638.79	5450618.07	490.51	65.77	30.6	0.84	LND	0.051	0.016	0.007	GAB	vt		
TR11-07-055	VT North	253	UTM83-16	310639.46	5450618.35	490.94	46.28	42.19	1.03	LND	0.055	0.008	0.028	GAB	vt		
TR11-07-056	VT North	253	UTM83-16	310640.03	5450618.86	491.63	57.88	-7.86	1.08	LND	0.059	0.011	0.027	GAB	vt		
TR11-07-057	VT North	253	UTM83-16	310640.95	5450619.40	491.48	62.53	0	0.77	LND	0.021	0.006	0.012	GAB	Mt		
TR11-07-058	VT North	253	UTM83-16	310637.78	5450618.03	490.83	28.05	0.39	0.88	LND	0.077	0.014	0.008	GAB	Mt		
TR11-07-059	VT North	253	UTM83-16	310638.22	5450618.79	490.83	21.71	7.93	1.07	LND	0.176	0.022	0.012	GAB	vt		
TR11-07-060											3.24	0.767	1.11				
TR11-07-061	VT North	253	UTM83-16	310638.64	5450619.76	490.98	19.48	24.37	1.01	LND	0.195	0.033	0.012	GAB			
TR11-07-062	VT North	253	UTM83-16	310638.98	5450620.62	491.40	17.29	48.15	0.93	LND	0.061	0.012	0.003	GAB			
TR11-07-063	VT North	253	UTM83-16	310638.66	5450619.09	490.81	67.78	-6.89	0.89	LND	0.082	0.018	0.01	GAB			
TR11-07-064	VT North	253	UTM83-16	310660.98	5450584.72	498.82	4.41	10.1	1	LND	0.078	0.037	0.001	GAB			
TR11-07-065	VT North	253	UTM83-16	310661.09	5450585.70	499.00	18.57	25.87	0.92	LND	0.081	0.019	0.001	GAB	Vt		
TR11-07-066	VT North	253	UTM83-16	310661.38	5450586.48	499.40	17.89	24.85	0.95	LND	0.091	0.02	0.002	GAB	Vt		
TR11-07-067	VT North	253	UTM83-16	310661.67	5450587.30	499.80	19.6	22.45	0.82	LND	0.069	0.025	0.003	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-07-068	VT North	253	UTM83-16	310662.07	5450588.67	500.18	46.35	36.36	1.08	LND	0.071	0.023	0.001	GAB	Vt		
TR11-07-069	VT North	253	UTM83-16	310662.78	5450589.27	500.81	345.52	11.18	0.93	LND	0.073	0.021	0.002	GAB	Vt		
TR11-07-070	VT North	253	UTM83-16	310662.87	5450590.30	500.99	323.58	16.83	0.93	LND	0.063	0.024	0.001	GAB	Vt		
TR11-07-071											0.0025	0.0025	0.002				
TR11-07-072											0.474	0.112	0.245				
TR11-07-073											0.0025	0.0025	0.007				
TR11-07-074	VT North	253	UTM83-16	310662.36	5450591.03	501.25	319.09	24.92	1.06	LND	0.116	0.034	0.001	GAB	Vt		
TR11-07-075	VT North	253	UTM83-16	310661.75	5450591.77	501.70	317.86	5.1	0.97	LND	0.806	0.105	0.008	GAB	Vt		
TR11-07-076	VT North	253	UTM83-16	310661.13	5450592.50	501.79	348.82	8.18	0.91	LND	0.151	0.052	0.002	GAB	Vt		
TR11-07-077	VT North	253	UTM83-16	310660.98	5450593.39	501.92	341.53	-14.32	1.02	LND	0.262	0.151	0.003	GAB	Vt		
TR11-07-078	VT North	253	UTM83-16	310660.69	5450594.34	501.66	324.73	-41.77	0.89	LND	0.097	0.029	0.008	GAB	Vt		
TR11-07-079	VT North	253	UTM83-16	310660.33	5450594.89	501.07	329.64	-46.29	0.94	LND	0.167	0.042	0.001	GAB	Vt		
TR11-09-001											0.0025	0.0025	0.004				
TR11-09-002											0.473	0.102	0.225				
TR11-09-003											0.0025	0.0025	0.006				
TR11-09-004	VT North	430	UTM83-16	311918.13	5450634.47	496.46	139.33	31.17	0.8	LND	0.017	0.01	0.008	DIKE			3
TR11-09-005	VT North	430	UTM83-16	311918.65	5450633.93	496.88	149.18	25.94	1.03	LND	0.017	0.009	0.012	GBNR			
TR11-09-006	VT North	430	UTM83-16	311919.10	5450633.12	497.33	145.46	7.31	0.92	LND	0.081	0.024	0.007	GBNR	Mt		
TR11-09-007	VT North	430	UTM83-16	311919.60	5450632.35	497.45	137.71	6.39	0.87	LND	0.025	0.007	0.006	GBNR	Mt		
TR11-09-008	VT North	430	UTM83-16	311920.16	5450631.70	497.55	150.14	-0.38	1.04	LND	0.29	0.062	0.014	GBNR			
TR11-09-009	VT North	430	UTM83-16	311920.65	5450630.78	497.54	145.78	-16.16	1.03	LND	0.121	0.025	0.006	GBNR			
TR11-09-010	VT North	430	UTM83-16	311920.23	5450629.01	496.71	148.75	36.76	0.98	LND	0.055	0.017	0.009	GBNR			
TR11-09-011	VT North	430	UTM83-16	311920.59	5450628.29	497.30	142.15	33.11	0.96	LND	0.25	0.018	0.014	GBNR			
TR11-09-012	VT North	430	UTM83-16	311921.07	5450627.64	497.82	144.28	17.91	0.97	LND	0.205	0.037	0.017	GBNR			
TR11-09-013	VT North	430	UTM83-16	311921.58	5450626.87	498.12	144.12	6.32	1.09	LND	0.115	0.026	0.023	GBNR			
TR11-09-014	VT North	430	UTM83-16	311922.19	5450625.97	498.24	148.64	-26.5	1.08	LND	0.04	0.007	0.023	MGAB			
TR11-09-015	VT North	430	UTM83-16	311922.67	5450625.14	497.76	156.73	-7.59	0.65	LND	0.194	0.044	0.009	GAB			
TR11-09-016	VT North	430	UTM83-16	311922.91	5450624.54	497.68	133.98	-26.98	1.3	LND	0.146	0.035	0.004	GBNR			
TR11-09-017	VT North	430	UTM83-16	311923.71	5450623.71	497.09	140.03	-29.46	0.79	LND	0.153	0.03	0.003	GBNR			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-09-018	VT North	430	UTM83-16	311918.63	5450611.31	496.29	151.48	29.25	0.9	LND	0.1	0.022	0.001	GAB	Vt		
TR11-09-019	VT North	430	UTM83-16	311918.94	5450610.60	496.74	142.29	29.63	1.13	LND	2.7	0.218	0.012	GAB	Vt		
TR11-09-020											0.0025	0.0025	0.002				
TR11-09-021	VT North	430	UTM83-16	311919.51	5450609.81	497.30	143.78	28.67	0.93	LND	1.05	0.175	0.012	GAB			
TR11-09-022	VT North	430	UTM83-16	311919.98	5450609.14	497.74	145.07	26.19	0.8	LND	0.098	0.026	0.002	GAB	Vt		
TR11-09-023	VT North	430	UTM83-16	311920.37	5450608.54	498.10	147.41	29.47	1.05	LND	0.087	0.017	0.002	GAB	Vt		
TR11-09-024	VT North	430	UTM83-16	311920.84	5450607.75	498.61	151.9	20.29	1.16	LND	0.204	0.075	0.003	GAB	Vt		
TR11-09-025	VT North	430	UTM83-16	311921.32	5450606.78	499.02	145.01	13.47	0.99	LND	0.114	0.025	0.003	GAB	Vt		
TR11-09-026	VT North	430	UTM83-16	311921.85	5450605.97	499.25	148.62	1.8	0.92	LND	0.121	0.024	0.001	GAB	Vt		
TR11-09-027	VT North	430	UTM83-16	311922.31	5450605.17	499.28	149.57	0.58	1.09	LND	0.177	0.072	0.003	GAB	Vt		
TR11-09-028	VT North	430	UTM83-16	311922.83	5450604.22	499.29	149.33	0.49	1.05	LND	0.165	0.038	0.004	GAB	Vt		
TR11-09-029	VT North	430	UTM83-16	311923.34	5450603.30	499.30	154.38	-14.25	0.98	LND	0.791	0.141	0.021	LGAB			
TR11-09-030	VT North	430	UTM83-16	311933.38	5450611.38	497.84	151.18	32.75	0.73	LND	0.072	0.013	0.013	GAB	Vt		
TR11-09-031	VT North	430	UTM83-16	311933.55	5450610.77	498.24	149.42	22.22	1.11	LND	0.288	0.052	0.012	GAB			
TR11-09-032	VT North	430	UTM83-16	311934.05	5450609.87	498.66	144.08	19.68	0.91	LND	0.156	0.03	0.009	GAB			
TR11-09-033	VT North	430	UTM83-16	311934.53	5450609.16	498.96	150.58	15.16	0.88	LND	0.12	0.028	0.004	GAB			
TR11-09-034	VT North	430	UTM83-16	311934.92	5450608.41	499.19	147.13	6.87	1.15	LND	0.248	0.06	0.003	GAB	Vt		
TR11-09-035	VT North	430	UTM83-16	311934.23	5450606.49	499.51	139.89	-0.36	0.95	LND	0.093	0.025	0.003	GAB	Vt		
TR11-09-036	VT North	430	UTM83-16	311934.82	5450605.75	499.51	146.65	-12.93	1.04	LND	0.096	0.022	0.001	GAB	Vt		
TR11-09-037	VT North	430	UTM83-16	311935.35	5450604.89	499.27	149.31	-6.18	0.9	LND	0.078	0.02	0.003	GAB	Vt		
TR11-09-038	VT North	430	UTM83-16	311936.50	5450604.49	499.18	143.29	-4.87	0.87	LND	0.088	0.019	0.002	GAB	Vt		
TR11-09-039	VT North	430	UTM83-16	311936.34	5450603.40	499.19	143.65	0.6	1.05	LND	0.155	0.03	0.003	GAB	Vt		
TR11-09-040											0.0025	0.0025	0.001				
TR11-09-041	VT North	430	UTM83-16	311936.35	5450601.96	499.32	136.41	-11.44	1.05	LND	0.188	0.035	0.003	GAB	Vt		
TR11-09-042	VT North	430	UTM83-16	311937.04	5450601.19	499.11	138.73	-0.64	1.08	LND	0.125	0.022	0.004	GAB	Vt		
TR11-09-043	VT North	430	UTM83-16	311937.72	5450600.36	499.10	137.36	5.41	0.83	LND	0.093	0.023	0.003	GAB	Vt		
TR11-09-044	VT North	430	UTM83-16	311940.03	5450601.28	499.18	135.62	-1.02	1.23	LND	0.11	0.022	0.003	GAB	Vt		
TR11-09-045	VT North	430	UTM83-16	311941.73	5450599.34	499.17	141.06	19.46	1.03	LND	0.176	0.034	0.004	GAB	Vt		
TR11-09-046	VT North	430	UTM83-16	311942.33	5450598.53	499.51	146.49	21.62	0.97	LND	0.354	0.045	0.034	GAB	Vt		
TR11-09-047	VT North	430	UTM83-16	311942.81	5450597.77	499.86	147.38	20.32	0.92	LND	0.129	0.022	0.014	GAB	Vt		
TR11-09-048	VT North	430	UTM83-16	311943.25	5450597.03	500.18	142.86	15.53	0.89	LND	0.16	0.022	0.004	MGAB			
TR11-09-049	VT North	430	UTM83-16	311943.75	5450596.33	500.42	147.16	17.32	1.12	LND	0.208	0.031	0.01	MGAB			
TR11-09-050	VT North	430	UTM83-16	311944.30	5450595.42	500.75	143.94	16.18	1	LND	0.126	0.022	0.004	MGAB			
TR11-09-051	VT North	430	UTM83-16	311944.84	5450594.62	501.03	146.67	16.98	1.03	LND	0.119	0.016	0.008	GAB	Vt		
TR11-09-052	VT North	430	UTM83-16	311944.71	5450593.36	501.24	146.61	13.22	1.03	LND	0.098	0.013	0.004	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-09-053	VT North	430	UTM83-16	311945.09	5450592.32	501.45	140.27	3.99	1.02	LND	0.105	0.013	0.002	GAB	Vt		
TR11-09-054	VT North	430	UTM83-16	311946.11	5450591.69	501.53	127.33	13.8	0.99	LND	0.693	0.123	0.019	GAB	Vt		
TR11-09-055	VT North	430	UTM83-16	311946.86	5450591.08	501.77	134.02	21.92	1.02	LND	1.05	0.16	0.013	GAB	Vt		
TR11-09-056	VT North	430	UTM83-16	311947.52	5450590.41	502.15	127.31	5.14	1.08	LND	0.129	0.038	0.005	GAB			
TR11-09-057	VT North	430	UTM83-16	311948.36	5450589.73	502.25	132.73	5.34	1.02	LND	0.093	0.024	0.003	GAB	Vt		
TR11-09-058	VT North	430	UTM83-16	311949.08	5450589.02	502.34	133.74	-7.23	1	LND	0.099	0.022	0.002	GAB	Vt		
TR11-09-059	VT North	430	UTM83-16	311950.35	5450589.06	502.65	120.97	-9.46	1.16	LND	0.106	0.027	0.003	GAB	Vt		
TR11-09-060											3.39	0.735	1.18				
TR11-09-061	VT North	430	UTM83-16	311951.32	5450588.44	502.46	131.37	-9.72	1.01	LND	0.088	0.026	0.009	GAB	Vt		
TR11-09-062	VT North	430	UTM83-16	311952.05	5450587.77	502.29	133.71	1.64	0.91	LND	0.065	0.021	0.005	DIKE	Vt		2
TR11-09-063	VT North	430	UTM83-16	311952.68	5450587.12	502.31	126.35	3.85	0.83	LND	0.189	0.04	0.009	GAB	Vt		
TR11-09-064	VT North	430	UTM83-16	311953.34	5450586.61	502.37	123.54	14.86	1	LND	0.398	0.054	0.005	GAB	Vt		
TR11-09-065	VT North	430	UTM83-16	311954.13	5450586.05	502.62	128.42	19.38	1.12	LND	0.086	0.023	0.013	GAB			
TR11-09-066	VT North	430	UTM83-16	311955.37	5450585.80	502.99	129.79	6.46	0.92	LND	3.54	0.433	0.042	GAB			
TR11-09-067	VT North	430	UTM83-16	311956.33	5450585.27	503.07	146.95	6.2	0.94	LND	0.099	0.024	0.004	GAB	Vt		
TR11-09-068	VT North	430	UTM83-16	311956.82	5450584.47	503.17	171	-3.77	0.93	LND	0.113	0.026	0.018	GAB	Vt		
TR11-09-069	VT North	430	UTM83-16	311956.94	5450583.55	503.11	161.21	10.71	0.94	LND	0.149	0.029	0.003	GAB	Vt		
TR11-09-070	VT North	430	UTM83-16	311957.21	5450582.66	503.29	151.29	17.85	1.04	LND	0.816	0.124	0.009	GAB	Vt		
TR11-09-071											0.0025	0.0025	0.001				
TR11-09-072											0.497	0.113	0.202				
TR11-09-073											0.0025	0.0025	0.004				
TR11-09-074	VT North	430	UTM83-16	311957.66	5450581.78	503.61	165.64	-7.18	0.78	LND	0.093	0.02	0.005	GAB	Vt		
TR11-09-075	VT North	430	UTM83-16	311958.66	5450581.22	504.44	164.88	-3.24	0.85	LND	0.132	0.026	0.003	GAB	Vt		
TR11-09-076	VT North	430	UTM83-16	311958.85	5450580.39	504.39	170.81	-53.72	1	LND	0.158	0.032	0.001	GAB	Vt		
TR11-09-077	VT North	430	UTM83-16	311958.41	5450579.16	503.51	121.63	8.73	0.97	LND	0.129	0.027	0.003	GAB	Vt		
TR11-09-078	VT North	430	UTM83-16	311959.21	5450578.63	503.65	114.48	9.59	0.98	LND	0.101	0.023	0.004	GAB	Vt		
TR11-09-079	VT North	430	UTM83-16	311960.08	5450578.20	503.82	128.53	7.33	0.99	LND	0.095	0.021	0.007	GAB	Vt		
TR11-09-080	VT North	430	UTM83-16	311960.83	5450577.57	503.94	119.5	4.54	0.86	LND	0.165	0.033	0.004	GAB	Vt		
TR11-09-081	VT North	430	UTM83-16	311961.56	5450577.12	504.01	120.04	-3.41	1.14	LND	0.099	0.03	0.004	GAB	Vt		
TR11-09-082	VT North	430	UTM83-16	311962.53	5450576.52	503.94	120.13	3.19	1.02	LND	0.503	0.089	0.006	GAB	Vt		
TR11-09-083	VT North	430	UTM83-16	311963.40	5450575.98	504.00	119.16	6.61	0.96	LND	0.532	0.066	0.008	GAB	Vt		
TR11-09-084	VT North	430	UTM83-16	311964.22	5450575.49	504.11	150.56	11.86	0.93	LND	0.256	0.046	0.065	GAB	Vt		
TR11-09-085	VT North	430	UTM83-16	311964.65	5450574.69	504.30	142.97	19.3	1.04	LND	0.142	0.029	0.002	GAB	Vt		
TR11-09-086	VT North	430	UTM83-16	311965.21	5450573.89	504.65	145.16	7.57	0.93	LND	0.215	0.053	0.003	GAB	Vt		
TR11-09-087	VT North	430	UTM83-16	311965.72	5450573.11	504.77	148.53	7.59	0.99	LND	0.154	0.031	0.008	GAB	Vt		

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-09-088	VT North	430	UTM83-16	311966.21	5450572.26	504.90	142.96	-8.62	1.19	LND	0.009	0.011	0.012	GAB			
TR11-09-089	VT North	430	UTM83-16	311966.89	5450571.30	504.72	149.85	0.51	1	LND	0.105	0.032	0.009	GAB	Vt		
TR11-09-090											0.0025	0.0025	0.004				
TR11-09-091	VT North	430	UTM83-16	311967.36	5450570.42	504.73	147.61	-0.9	0.96	LND	0.114	0.034	0.009	GAB	Vt		
TR11-09-092	VT North	430	UTM83-16	311967.85	5450569.60	504.72	150.22	3.43	0.94	LND	0.069	0.022	0.001	GAB	Vt		
TR11-09-093	VT North	430	UTM83-16	311968.29	5450568.78	504.77	146.63	5.56	1	LND	0.056	0.014	0.001	GAB	Vt		
TR11-09-094	VT North	430	UTM83-16	311968.82	5450567.93	504.87	146.95	16.97	1.03	LND	0.08	0.019	0.001	GAB	Vt		
TR11-09-095	VT North	430	UTM83-16	311969.33	5450567.09	505.17	145.98	24.2	0.94	LND	0.205	0.017	0.006	GAB	Vt		
TR11-09-096	VT North	430	UTM83-16	311970.43	5450566.68	505.47	146.28	2.17	1.19	LND	0.388	0.019	0.009	GAB	Vt		
TR11-09-097	VT North	430	UTM83-16	311971.06	5450565.67	505.51	148.33	-1.64	0.91	LND	0.104	0.0025	0.006	GAB	Vt		
TR11-09-098	VT North	430	UTM83-16	311971.51	5450564.88	505.49	148.87	-7.68	1.11	LND	1.19	0.215	0.03	GAB	Vt		
TR11-09-099	VT North	430	UTM83-16	311972.05	5450563.93	505.34	156.82	-11.02	0.98	LND	0.275	0.052	0.007	GAB	Vt		
TR11-09-100	VT North	430	UTM83-16	311972.40	5450563.03	505.15	144.83	-13.88	0.91	LND	0.198	0.023	0.006	GAB	Vt		
TR11-09-101	VT North	430	UTM83-16	311972.89	5450562.30	504.93	148.07	-1.24	0.83	LND	0.033	0.0025	0.07	GAB	Vt		
TR11-09-102	VT North	430	UTM83-16	311973.43	5450560.05	504.82	167.92	13.87	1.23	LND	0.117	0.017	0.011	GAB			
TR11-09-103	VT North	430	UTM83-16	311973.64	5450558.87	505.12	158.19	5.07	1.13	LND	0.177	0.02	0.003	GAB	Vt		
TR11-09-104	VT North	430	UTM83-16	311975.15	5450555.27	504.99	156.33	17.03	0.99	LND	0.212	0.026	0.004	GAB			
TR11-09-105	VT North	430	UTM83-16	311975.54	5450554.51	505.33	153.98	20.21	1.01	LND	0.065	0.0025	0.001	VEIN		5	
TR11-09-106	VT North	430	UTM83-16	311975.93	5450553.65	505.68	149.71	12.78	1.03	LND	0.514	0.076	0.022	GAB			
TR11-09-107	VT North	430	UTM83-16	311976.41	5450552.76	505.91	141.54	16.79	1.01	LND	0.344	0.056	0.009	GAB			
TR11-09-108	VT North	430	UTM83-16	311976.99	5450551.99	506.20	150.82	30.43	0.94	LND	0.143	0.028	0.023	GAB			
TR11-09-109	VT North	430	UTM83-16	311977.36	5450551.27	506.68	147.37	32.52	1.01	LND	0.053	0.01	0.088	GAB			
TR11-09-110											0.0025	0.0025	0.001				
TR11-09-111	VT North	430	UTM83-16	311977.80	5450550.54	507.22	138.72	30.26	0.83	LND	0.071	0.019	0.088	GAB			
TR11-09-112	VT North	430	UTM83-16	311978.26	5450549.98	507.64	151.89	21.54	1.07	LND	0.099	0.021	0.018	GAB			
TR11-09-113	VT North	430	UTM83-16	311978.70	5450549.09	508.04	149.39	33.35	0.96	LND	0.298	0.035	0.033	GAB			
TR11-09-114	VT North	430	UTM83-16	311979.09	5450548.39	508.56	149.65	23.62	0.93	LND	0.015	0.009	0.01	GAB			
TR11-09-115	VT North	430	UTM83-16	311979.50	5450547.64	508.94	147.58	35.56	1.09	LND	0.027	0.011	0.014	GAB			
TR11-09-116	VT North	430	UTM83-16	311979.95	5450546.88	509.57	144.49	29.22	1.01	LND	0.022	0.0025	0.01	GAB			
TR11-09-117	VT North	430	UTM83-16	311980.44	5450546.15	510.06	148.69	24.87	1.04	LND	0.031	0.0025	0.01	GAB			
TR11-09-118	VT North	430	UTM83-16	311980.91	5450545.32	510.50	132.64	19.11	0.94	LND	0.04	0.013	0.004	GAB			
TR11-09-119	VT North	430	UTM83-16	311981.55	5450544.70	510.81	140.39	18.24	1.12	LND	0.014	0.0025	0.025	GAB			
TR11-09-120	VT North	430	UTM83-16	311982.20	5450543.86	511.16	138.31	23.26	0.99	LND	0.009	0.0025	0.012	GAB			
TR11-09-121	VT North	430	UTM83-16	311982.78	5450543.17	511.55	141.94	22.79	1.1	LND	0.039	0.013	0.01	GAB			
TR11-09-122	VT North	430	UTM83-16	311983.39	5450542.35	511.98	135.15	15.53	0.87	LND	0.031	0.006	0.005	GAB			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-09-123	VT North	430	UTM83-16	311983.96	5450541.74	512.21	145.96	12.86	1.08	LND	0.008	0.0025	0.007	GAB			
TR11-09-124	VT North	430	UTM83-16	311984.52	5450540.85	512.45	140.64	9.9	0.97	LND	0.007	0.007	0.007	GAB			
TR11-09-125	VT North	430	UTM83-16	311985.11	5450540.09	512.62	144.03	9.92	0.99	LND	0.042	0.014	0.009	GAB			
TR11-09-126	VT North	430	UTM83-16	311985.66	5450539.28	512.79	144.38	10.65	1.01	LND	0.059	0.012	0.012	GAB			
TR11-09-127	VT North	430	UTM83-16	311986.21	5450538.46	512.98	142.88	14.73	0.99	LND	0.207	0.041	0.037	GAB			
TR11-09-128	VT North	430	UTM83-16	311986.76	5450537.68	513.23	141.12	16.83	1.01	LND	0.489	0.083	0.039	GAB			
TR11-09-129	VT North	430	UTM83-16	311987.35	5450536.91	513.52	130.25	9.63	0.94	LND	0.0025	0.0025	0.001	GAB			
TR11-09-130											3.44	0.774	1.22				
TR11-09-131	VT North	430	UTM83-16	311988.04	5450536.29	513.68	133.52	9.71	1.03	LND	0.078	0.013	0.009	GAB			
TR11-09-132	VT North	430	UTM83-16	311988.75	5450535.57	513.85	132.25	-0.41	0.97	LND	0.274	0.03	0.007	GAB			
TR11-09-133	VT North	430	UTM83-16	311989.45	5450534.89	513.84	131.13	7.59	1.01	LND	0.055	0.013	0.005	GAB			
TR11-09-134	VT North	430	UTM83-16	311990.19	5450534.21	513.98	136.59	5.22	1.02	LND	0.022	0.012	0.02	GAB			
TR11-09-135	VT North	430	UTM83-16	311990.87	5450533.45	514.07	132.21	8.05	1.09	LND	0.023	0.014	0.019	GAB			
TR11-09-136	VT North	430	UTM83-16	311991.64	5450532.71	514.22	134.08	10.86	0.85	LND	0.029	0.015	0.024	GAB			
TR11-09-137	VT North	430	UTM83-16	311992.23	5450532.10	514.38	135.68	4.91	1.02	LND	0.023	0.012	0.021	GAB			
TR11-09-138	VT North	430	UTM83-16	311992.91	5450531.36	514.47	137.79	4.94	1.14	LND	0.042	0.012	0.019	GAB			
TR11-09-139	VT North	430	UTM83-16	311993.65	5450530.50	514.57	135.85	3.2	1	LND	0.054	0.015	0.016	GAB			
TR11-09-140	VT North	430	UTM83-16	311994.33	5450529.76	514.63	131.15	0.46	1	LND	0.012	0.008	0.012	GAB			
TR11-09-141											0.0025	0.0025	0.004				
TR11-09-142											0.5	0.114	0.232				
TR11-09-143											0.0025	0.0025	0.003				
TR11-09-144	VT North	430	UTM83-16	311995.06	5450529.08	514.63	133.53	-10.07	1.04	LND	0.014	0.0025	0.014	GAB			
TR11-09-145	VT North	430	UTM83-16	311995.78	5450528.35	514.45	140.52	-6.75	0.8	LND	0.488	0.104	0.152	GAB			
TR11-09-146	VT North	430	UTM83-16	311996.26	5450527.73	514.36	132.83	-5.7	1.09	LND	0.009	0.007	0.018	GAB			
TR11-09-147	VT North	430	UTM83-16	311997.04	5450526.97	514.25	138.84	-2.99	0.92	LND	0.024	0.007	0.035	GAB			
TR11-09-148	VT North	430	UTM83-16	311997.62	5450526.26	514.20	141.41	3.87	0.8	LND	0.0025	0.0025	0.008	GAB			
TR11-09-149	VT North	430	UTM83-16	311998.10	5450525.62	514.26	130.18	-3.29	1.31	LND	0.014	0.0025	0.015	GAB			
TR11-09-150	VT North	430	UTM83-16	311999.07	5450524.75	514.18	132.94	-3.2	0.97	LND	0.015	0.0025	0.014	GAB			
TR11-09-151	VT North	430	UTM83-16	311999.76	5450524.07	514.13	132.33	-5.93	1.04	LND	0.01	0.008	0.012	GAB			
TR11-09-152	VT North	430	UTM83-16	312001.25	5450524.20	514.04	121.68	-1.17	1.08	LND	0.005	0.005	0.014	GAB			
TR11-09-153	VT North	430	UTM83-16	312002.15	5450523.61	514.02	117.89	-8.88	1.11	LND	0.007	0.0025	0.01	GAB			
TR11-09-154	VT North	430	UTM83-16	312003.10	5450523.07	513.85	121.17	4.73	0.86	LND	0.0025	0.0025	0.013	GAB			
TR11-09-155	VT North	430	UTM83-16	312003.82	5450522.60	513.92	114.14	3.3	1.06	LND	0.015	0.0025	0.004	GAB			
TR11-09-156	VT North	430	UTM83-16	312004.87	5450522.13	513.98	124.41	-18.76	0.98	LND	0.0025	0.0025	0.013	GAB			
TR11-09-157	VT North	430	UTM83-16	312005.17	5450520.95	512.82	127.36	6.35	0.98	LND	0.0025	0.0025	0.012	GAB			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-09-158	VT North	430	UTM83-16	312005.93	5450520.34	512.93	105.93	-12.15	0.97	LND	0.0025	0.0025	0.005	GAB			
TR11-09-159	VT North	430	UTM83-16	312006.76	5450519.80	512.48	122.95	-1.21	0.95	LND	0.005	0.005	0.005	LGAB			
TR11-09-160											0.0025	0.0025	0.001				
TR11-09-161	VT North	430	UTM83-16	312007.54	5450519.26	512.46	123.21	-5.87	0.97	LND	0.008	0.0025	0.003	LGAB			
TR11-09-162	VT North	430	UTM83-16	312008.33	5450518.71	512.36	129.49	-5.09	0.97	LND	0.142	0.036	0.005	LGAB			
TR11-09-163	VT North	430	UTM83-16	312009.06	5450518.07	512.28	115.52	-34.63	1.04	LND	0.038	0.009	0.005	LGAB			
TR11-09-164	VT North	430	UTM83-16	312009.30	5450516.90	511.59	123.54	-13.82	0.85	LND	0.0025	0.0025	0.001	LGAB			
TR11-09-165	VT North	430	UTM83-16	312009.98	5450516.42	511.38	129.43	-9.64	1.03	LND	0.007	0.0025	0.001	LGAB			
TR11-09-166	VT North	430	UTM83-16	312010.74	5450515.76	511.21	118.79	-34.96	1.03	LND	0.014	0.0025	0.001	MGAB			
TR11-09-167	VT North	430	UTM83-16	312011.46	5450515.33	510.62	125.66	-22.36	0.84	LND	0.012	0.0025	0.003	MGAB			
TR11-09-168	VT North	430	UTM83-16	312012.08	5450514.86	510.30	112.17	-17.33	1.14	LND	0.064	0.009	0.006	MGAB			
TR11-09-169	VT North	430	UTM83-16	312013.07	5450514.42	509.96	136.64	-13	0.99	LND	0.0025	0.0025	0.001	MGAB			
TR11-09-170	VT North	430	UTM83-16	312013.72	5450513.70	509.74	137.17	-4.31	1.1	LND	0.0025	0.0025	0.001	TON			
TR11-09-171	VT North	430	UTM83-16	312015.12	5450514.16	509.74	106.61	1.33	0.9	LND	0.0025	0.0025	0.001	MGAB			
TR11-09-172	VT North	430	UTM83-16	312015.98	5450513.88	509.76	111.22	-12.79	1.09	LND	0.0025	0.0025	0.001	MGAB			
TR11-09-173	VT North	430	UTM83-16	312017.06	5450513.58	509.69	105.05	-16.25	0.95	LND	0.0025	0.0025	0.001	MGAB			
TR11-09-174	VT North	430	UTM83-16	312017.81	5450513.25	509.30	114.92	-5.22	1	LND	0.0025	0.0025	0.001	TON			
TR11-09-175	VT North	430	UTM83-16	312018.71	5450512.81	509.21	107.22	-3.04	1	LND	0.0025	0.0025	0.001	TON			
TR11-09-176	VT North	430	UTM83-16	312018.98	5450511.27	508.45	111.11	1.14	1.11	LND	0.017	0.0025	0.001	TON			
TR11-09-177	VT North	430	UTM83-16	312020.00	5450510.84	508.47	116.77	-2.99	0.88	LND	0.009	0.0025	0.001	TON			
TR11-09-178	VT North	430	UTM83-16	312020.77	5450510.42	508.42	125.7	-23.37	0.88	LND	0.0025	0.0025	0.001	TON			
TR11-09-179	VT North	430	UTM83-16	312021.41	5450509.93	508.07	121.24	-5.53	0.99	LND	0.0025	0.0025	0.001	TON			
TR11-09-180											0.0025	0.0025	0.001				
TR11-09-181	VT North	430	UTM83-16	312020.93	5450507.89	507.83	130.32	6.4	0.96	LND	0.0025	0.0025	0.001	TON			
TR11-09-182	VT North	430	UTM83-16	312023.12	5450508.62	507.76	140.23	-11.36	0.93	LND	0.0025	0.0025	0.001	TON			
TR11-09-183	VT North	430	UTM83-16	312023.68	5450507.90	507.58	143.06	-12.91	0.99	LND	0.0025	0.0025	0.001	TON			
TR11-09-184	VT North	430	UTM83-16	312024.24	5450507.11	507.36	137.97	-16.58	1.07	LND	0.0025	0.0025	0.006	TON			
TR11-09-185	VT North	430	UTM83-16	312024.90	5450506.33	507.05	140.39	-16.4	0.83	LND	0.0025	0.0025	0.001	TON			
TR11-09-186	VT North	430	UTM83-16	312024.57	5450504.58	507.02	123.12	-6.46	0.93	LND	0.005	0.0025	0.001	TON			
TR11-09-187	VT North	430	UTM83-16	312025.33	5450504.05	506.92	120.99	-15.38	1	LND	0.0025	0.0025	0.001	TON			
TR11-09-188	VT North	430	UTM83-16	312026.15	5450503.53	506.65	124.29	-12.07	1.09	LND	0.0025	0.0025	0.001	VEIN		5	
TR11-09-189	VT North	430	UTM83-16	312027.01	5450502.90	506.42	123.58	-12.05	0.92	LND	0.0025	0.0025	0.001	TON			
TR11-09-190	VT North	430	UTM83-16	312027.74	5450502.38	506.23	124.05	-24.48	1.11	LND	0.0025	0.0025	0.001	TON			
TR11-09-191	VT North	430	UTM83-16	312028.57	5450501.79	505.77	123.14	-17.29	0.81	LND	0.0025	0.0025	0.001	TON			
TR11-09-192	VT North	430	UTM83-16	312029.20	5450501.34	505.53	124.66	-22.02	1.02	LND	0.0025	0.0025	0.011	TON			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-09-193	VT North	430	UTM83-16	312029.97	5450500.78	505.14	124.18	-5.99	1.05	LND	0.0025	0.0025	0.015	TON			
TR11-09-194	VT North	430	UTM83-16	312030.81	5450500.17	505.04	130.77	-36.27	0.89	LND	0.0025	0.0025	0.001	TON			
TR11-10-001											0.0025	0.0025	0.001				
TR11-10-002											0.478	0.108	0.25				
TR11-10-003											0.0025	0.0025	0.006				
TR11-10-004	VT North	430	UTM83-16	312175.27	5450548.76	509.29	352.27	10.03	1.06	LND	0.0025	0.0025	0.001	TON			
TR11-10-005	VT North	430	UTM83-16	312175.16	5450549.79	509.47	343.87	3.64	0.99	LND	0.0025	0.0025	0.001	TON			
TR11-10-006	VT North	430	UTM83-16	312174.91	5450550.75	509.53	350.69	1.41	0.98	LND	0.0025	0.0025	0.001	TON			
TR11-10-007	VT North	430	UTM83-16	312174.78	5450551.72	509.56	350.68	22.3	0.94	LND	0.0025	0.0025	0.001	TON			
TR11-10-008	VT North	430	UTM83-16	312174.67	5450552.58	509.91	343.83	17.54	1.03	LND	0.0025	0.0025	0.001	TON			
TR11-10-009	VT North	430	UTM83-16	312173.95	5450553.39	510.30	352.36	14.26	0.96	LND	0.0025	0.0025	0.001	TON			
TR11-10-010	VT North	430	UTM83-16	312174.24	5450554.34	510.43	352.37	10.82	1	LND	0.0025	0.0025	0.001	TON			
TR11-10-011	VT North	430	UTM83-16	312174.14	5450555.31	510.62	349.25	5.94	1.07	LND	0.0025	0.0025	0.001	TON			
TR11-10-012	VT North	430	UTM83-16	312173.98	5450556.36	510.73	348.09	3.56	0.95	LND	0.0025	0.0025	0.001	TON			
TR11-10-013	VT North	430	UTM83-16	312173.81	5450557.30	510.79	348.64	1.6	1.07	LND	0.0025	0.0025	0.001	TON			
TR11-10-014	VT North	430	UTM83-16	312173.63	5450558.35	510.82	347.55	9.66	0.94	LND	0.0025	0.0025	0.009	TON			
TR11-10-015	VT North	430	UTM83-16	312173.45	5450559.27	510.97	343.67	-2.03	1.01	LND	0.0025	0.0025	0.001	TON			
TR11-10-016	VT North	430	UTM83-16	312173.20	5450560.25	510.94	347.12	-1.51	0.99	LND	0.0025	0.0025	0.001	TON			
TR11-10-017	VT North	430	UTM83-16	312173.01	5450561.22	510.91	352.36	-11.12	0.88	LND	0.0025	0.0025	0.001	TON			
TR11-10-018	VT North	430	UTM83-16	312172.92	5450562.08	510.74	349.83	-3.67	1.14	LND	0.0025	0.0025	0.001	TON			
TR11-10-019	VT North	430	UTM83-16	312172.75	5450563.20	510.67	341.8	9.56	0.95	LND	0.0025	0.0025	0.001	TON			
TR11-10-020											0.0025	0.0025	0.001				
TR11-10-021	VT North	430	UTM83-16	312172.48	5450564.10	510.83	351.8	8.65	1.06	LND	0.0025	0.0025	0.003	TON			
TR11-10-022	VT North	430	UTM83-16	312172.36	5450565.14	510.99	353.15	3.08	0.97	LND	0.0025	0.0025	0.001	TON			
TR11-10-023	VT North	430	UTM83-16	312172.93	5450566.26	510.97	356.32	-8.35	0.83	LND	0.0025	0.0025	0.001	TON			
TR11-10-024	VT North	430	UTM83-16	312172.91	5450567.08	510.84	355.36	-9.29	1.1	LND	0.0025	0.0025	0.001	TON			
TR11-10-025	VT North	430	UTM83-16	312172.85	5450568.17	510.67	351.71	-15.51	1.06	LND	0.0025	0.0025	0.001	TON			
TR11-10-026	VT North	430	UTM83-16	312172.73	5450569.18	510.38	353.08	-21.06	0.99	LND	0.0025	0.0025	0.001	TON			
TR11-10-027	VT North	430	UTM83-16	312172.65	5450570.10	510.03	356.38	-18.16	0.92	LND	0.0025	0.0025	0.003	TON			
TR11-10-028	VT North	430	UTM83-16	312172.62	5450570.97	509.74	352.14	-18.56	1.02	LND	0.0025	0.0025	0.001	TON			
TR11-10-029	VT North	430	UTM83-16	312172.52	5450571.93	509.42	351.47	-22.88	0.94	LND	0.0025	0.0025	0.001	TON			
TR11-10-030	VT North	430	UTM83-16	312172.41	5450572.80	509.05	351.41	-19.12	1.01	LND	0.0025	0.0025	0.001	TON			
TR11-10-031	VT North	430	UTM83-16	312172.30	5450573.75	508.72	355.1	-6.95	0.97	LND	0.0025	0.0025	0.001	TON			
TR11-10-032	VT North	430	UTM83-16	312172.24	5450574.71	508.60	8.88	-16.41	1.09	LND	0.0025	0.0025	0.001	TON			
TR11-10-033	VT North	430	UTM83-16	312172.44	5450575.73	508.30	11.14	-18.46	1.03	LND	0.0025	0.0025	0.001	GAB			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-10-034	VT North	430	UTM83-16	312172.65	5450576.68	507.97	13.1	-9.5	0.87	LND	0.0025	0.0025	0.001	GAB			
TR11-10-035	VT North	430	UTM83-16	312172.87	5450577.51	507.83	7.22	-6.54	1.11	LND	0.0025	0.0025	0.001	GAB			
TR11-10-036	VT North	430	UTM83-16	312173.04	5450578.60	507.70	11.78	-13.22	0.97	LND	0.0025	0.0025	0.001	GAB			
TR11-10-037	VT North	430	UTM83-16	312173.26	5450579.51	507.48	10.63	-14.94	1	LND	0.0025	0.0025	0.001	GAB			
TR11-10-038	VT North	430	UTM83-16	312173.47	5450580.46	507.22	10.89	-2.94	0.95	LND	0.0025	0.0025	0.001	GAB			
TR11-10-039	VT North	430	UTM83-16	312173.68	5450581.39	507.17	5.61	-3.17	1.01	LND	0.0025	0.0025	0.001	GAB			
TR11-10-040											0.0025	0.0025	0.001				
TR11-10-041	VT North	430	UTM83-16	312173.81	5450582.39	507.12	11.36	-14.16	1.06	LND	0.0025	0.0025	0.001	GAB			
TR11-10-042	VT North	430	UTM83-16	312174.04	5450583.40	506.86	16	-9.52	0.95	LND	0.0025	0.0025	0.001	GAB			
TR11-10-043	VT North	430	UTM83-16	312173.54	5450584.42	506.71	12.15	-1.71	1.01	LND	0.0025	0.0025	0.001	GAB			
TR11-10-044	VT North	430	UTM83-16	312173.78	5450585.40	506.68	10.9	-4.26	1	LND	0.0025	0.0025	0.001	GAB			
TR11-10-045	VT North	430	UTM83-16	312174.00	5450586.37	506.61	15.99	-1.29	1.29	LND	0.0025	0.0025	0.001	GAB			
TR11-10-046	VT North	430	UTM83-16	312174.17	5450587.61	506.55	6.56	-4.4	0.81	LND	0.0025	0.0025	0.001	GAB			
TR11-10-047	VT North	430	UTM83-16	312174.28	5450588.41	506.49	9.91	-11.94	0.93	LND	0.0025	0.0025	0.001	GAB			
TR11-10-048	VT North	430	UTM83-16	312174.47	5450589.30	506.30	6.64	-8.61	1.08	LND	0.0025	0.0025	0.001	GAB			
TR11-10-049	VT North	430	UTM83-16	312174.62	5450590.36	506.14	8.83	-14.25	1.09	LND	0.0025	0.0025	0.007	GAB			
TR11-10-050	VT North	430	UTM83-16	312174.81	5450591.39	505.87	7.63	-14.24	0.98	LND	0.0025	0.0025	0.002	GAB			
TR11-10-051	VT North	430	UTM83-16	312174.97	5450592.33	505.63	8.21	-33.43	0.98	LND	0.0025	0.0025	0.003	GAB			
TR11-10-052	VT North	430	UTM83-16	312175.11	5450593.14	505.09	4.26	-14.65	0.99	LND	0.008	0.0025	0.024	GAB			
TR11-10-053	VT North	430	UTM83-16	312175.21	5450594.09	504.84	9.59	-10.53	0.95	LND	0.018	0.006	0.009	GAB			
TR11-10-054	VT North	430	UTM83-16	312175.39	5450595.01	504.66	0.16	-4.83	1.05	LND	0.0025	0.0025	0.028	GAB			
TR11-10-055	VT North	430	UTM83-16	312175.43	5450596.05	504.57	3.32	-24.23	0.95	LND	0.0025	0.0025	0.004	GAB			
TR11-10-056	VT North	430	UTM83-16	312175.50	5450596.91	504.19	356.41	-11.41	1.04	LND	0.0025	0.0025	0.004	GAB			
TR11-10-057	VT North	430	UTM83-16	312175.47	5450597.93	503.98	352.26	-20.51	1.03	LND	0.0025	0.0025	0.004	GAB			
TR11-10-058	VT North	430	UTM83-16	312175.37	5450598.89	503.62	7.42	-10.5	0.92	LND	0.0025	0.0025	0.01	GAB			
TR11-10-059	VT North	430	UTM83-16	312177.25	5450599.79	503.54	353	-22.64	0.95	LND	0.024	0.008	0.03	GAB			
TR11-10-060											3.44	0.781	1.14				
TR11-10-061	VT North	430	UTM83-16	312177.17	5450600.66	503.18	348.53	-25.56	0.99	LND	0.017	0.0025	0.041	GAB			
TR11-10-062	VT North	430	UTM83-16	312174.17	5450601.43	501.68	2.3	-16.85	0.99	LND	0.0025	0.0025	0.004	GAB			
TR11-10-063	VT North	430	UTM83-16	312174.24	5450602.37	501.39	0.17	-20.88	1.09	LND	0.0025	0.0025	0.006	GAB			
TR11-10-064	VT North	430	UTM83-16	312174.27	5450603.39	501.00	1.08	-16.24	0.99	LND	0.0025	0.0025	0.003	GAB			
TR11-10-065	VT North	430	UTM83-16	312174.32	5450604.34	500.72	350.27	-28.67	0.95	LND	0.0025	0.0025	0.004	GAB			
TR11-10-066	VT North	430	UTM83-16	312174.20	5450605.17	500.27	357.83	-14.38	0.98	LND	0.0025	0.0025	0.001	TON			
TR11-10-067	VT North	430	UTM83-16	312174.20	5450606.12	500.02	4.68	-8.75	0.97	LND	0.0025	0.0025	0.001	TON			
TR11-10-068	VT North	430	UTM83-16	312175.92	5450607.58	499.82	4.53	-21.05	0.98	LND	0.0025	0.0025	0.001	TON			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-10-069	VT North	430	UTM83-16	312176.02	5450608.48	499.47	325.81	-2.77	1.14	LND	0.0025	0.0025	0.001	TON			
TR11-10-070	VT North	430	UTM83-16	312175.41	5450609.44	499.41	347.45	15.24	0.94	LND	0.0025	0.0025	0.001	TON			
TR11-10-071											0.0025	0.0025	0.004				
TR11-10-072											0.471	0.098	0.214				
TR11-10-073											0.0025	0.008	0.006				
TR11-10-074	VT North	430	UTM83-16	312175.23	5450610.33	499.66	351.22	19.89	0.86	LND	0.0025	0.0025	0.001	TON			
TR11-10-075	VT North	430	UTM83-16	312175.13	5450611.14	499.95	345.82	-2.88	1.1	LND	0.0025	0.0025	0.001	GAB			
TR11-10-076	VT North	430	UTM83-16	312174.90	5450612.21	499.90	342.11	-17.72	1.02	LND	0.0025	0.0025	0.001	MGAB			
TR11-10-077	VT North	430	UTM83-16	312174.63	5450613.14	499.59	354.12	-5.48	0.93	LND	0.0025	0.0025	0.018	MGAB			
TR11-10-078	VT North	430	UTM83-16	312174.30	5450613.99	499.48	354.55	8.98	0.98	LND	0.0025	0.0025	0.001	MGAB			
TR11-10-079	VT North	430	UTM83-16	312172.53	5450614.37	498.89	348.05	12.44	0.91	LND	0.0025	0.0025	0.001	GAB			
TR11-10-080	VT North	430	UTM83-16	312172.38	5450615.24	499.09	344.2	1.23	1.07	LND	0.0025	0.0025	0.001	LGAB			
TR11-10-081	VT North	430	UTM83-16	312172.11	5450616.28	499.11	340.74	-25.01	1.09	LND	0.0025	0.0025	0.001	GAB			
TR11-10-082	VT North	430	UTM83-16	312182.60	5450617.63	500.39	341.04	-6.25	1.08	LND	0.0025	0.0025	0.008	GAB			
TR11-10-083	VT North	430	UTM83-16	312182.28	5450618.66	500.27	340.83	-13.91	1.07	LND	0.0025	0.0025	0.011	TON			
TR11-10-084	VT North	430	UTM83-16	312181.97	5450619.65	500.01	352.95	-10.68	0.79	LND	0.007	0.0025	0.012	TON			
TR11-10-085	VT North	430	UTM83-16	312181.66	5450620.50	499.88	347.86	3.36	0.97	LND	0.021	0.006	0.01	TON			
TR11-10-086	VT North	430	UTM83-16	312181.48	5450621.46	499.94	339.19	5.46	0.97	LND	0.018	0.019	0.024	PYXT			
TR11-10-087	VT North	430	UTM83-16	312181.17	5450622.37	500.03	346.47	16.87	1.05	LND	0.009	0.011	0.001	PYXT			
TR11-10-088	VT North	430	UTM83-16	312180.96	5450623.36	500.34	341.1	-7.31	0.9	LND	0.01	0.0025	0.001	NOR			
TR11-10-089	VT North	430	UTM83-16	312180.70	5450624.20	500.22	341.08	-21	0.97	LND	0.0025	0.0025	0.001	NOR			
TR11-10-090											0.0025	0.0025	0.001				
TR11-10-091	VT North	430	UTM83-16	312180.43	5450625.07	499.88	337.39	-4.3	0.81	LND	0.0025	0.0025	0.001	GBNR			
TR11-10-092	VT North	430	UTM83-16	312180.14	5450625.83	499.81	316.82	-51.86	1.23	LND	0.0025	0.0025	0.001	GBNR			
TR11-10-093	VT North	430	UTM83-16	312179.64	5450626.39	498.85	322.51	-49.24	0.91	LND	0.006	0.0025	0.001	GBNR			
TR11-10-094	VT North	430	UTM83-16	312179.29	5450626.88	498.16	352.2	-27.87	1.07	LND	0.0025	0.0025	0.001	GBNR			
TR11-10-095	VT North	430	UTM83-16	312179.19	5450627.81	497.66	333.49	-48.24	0.69	LND	0.007	0.0025	0.001	GBNR			
TR11-10-096	VT North	430	UTM83-16	312178.10	5450627.89	496.58	316.49	-2.92	0.84	LND	0.007	0.0025	0.001	GBNR			
TR11-10-097	VT North	430	UTM83-16	312177.53	5450628.52	496.54	324.51	-2.3	1.07	LND	0.0025	0.0025	0.003	PYXT			
TR11-10-098	VT North	430	UTM83-16	312176.94	5450629.41	496.50	323.71	-12.8	1.02	LND	0.0025	0.0025	0.001	PYXT			
TR11-10-099	VT North	430	UTM83-16	312176.38	5450630.22	496.27	318.15	-21.91	0.94	LND	0.0025	0.0025	0.001	NOR			
TR11-10-100	VT North	430	UTM83-16	312175.81	5450630.89	495.92	321.46	-32.15	1.06	LND	0.0025	0.0025	0.001	NOR			
TR11-11-001											0.0025	0.0025	0.001				
TR11-11-002											0.477	0.109	0.216				
TR11-11-003											0.0025	0.0025	0.005				

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-11-004	VT North	430	UTM83-16	312481.49	5450461.51	499.20	358.51	10.56	1.05	LND	0.0025	0.0025	0.001	TON			
TR11-11-005	VT North	430	UTM83-16	312481.49	5450462.55	499.40	353.47	-8.93	0.93	LND	0.0025	0.0025	0.001	TON			
TR11-11-006	VT North	430	UTM83-16	312483.73	5450463.63	499.15	352.87	20.55	0.89	LND	0.0025	0.0025	0.001	TON			
TR11-11-007	VT North	430	UTM83-16	312483.66	5450464.45	499.46	348.82	12.34	0.99	LND	0.0025	0.0025	0.001	TON			
TR11-11-008	VT North	430	UTM83-16	312483.50	5450465.41	499.67	344.42	-4.5	1.07	LND	0.0025	0.0025	0.001	TON			
TR11-11-009	VT North	430	UTM83-16	312483.24	5450466.45	499.59	350.83	21.59	1.01	LND	0.0025	0.0025	0.001	TON			
TR11-11-010	VT North	430	UTM83-16	312483.12	5450467.37	499.96	348.22	-1.16	0.94	LND	0.0025	0.0025	0.001	TON			
TR11-11-011	VT North	430	UTM83-16	312482.95	5450468.30	499.94	349.28	3.92	0.98	LND	0.0025	0.0025	0.001	TON			
TR11-11-012	VT North	430	UTM83-16	312482.80	5450469.27	500.01	345.96	-10.35	1.07	LND	0.0025	0.0025	0.001	TON			
TR11-11-013	VT North	430	UTM83-16	312482.58	5450470.29	499.81	347.43	-6.81	1	LND	0.0025	0.0025	0.001	TON			
TR11-11-014	VT North	430	UTM83-16	312482.39	5450471.27	499.70	344.53	-10.16	0.98	LND	0.0025	0.007	0.013	TON			
TR11-11-015	VT North	430	UTM83-16	312482.16	5450472.20	499.52	344.92	-22.75	1.04	LND	0.0025	0.0025	0.001	TON			
TR11-11-016	VT North	430	UTM83-16	312481.94	5450473.14	499.12	344.35	-29.73	0.91	LND	0.0025	0.0025	0.001	TON			
TR11-11-017	VT North	430	UTM83-16	312481.75	5450473.90	498.67	353.45	-26.81	0.91	LND	0.0025	0.0025	0.001	TON			
TR11-11-018	VT North	430	UTM83-16	312481.68	5450474.71	498.26	343.65	-2.49	1.03	LND	0.0025	0.0025	0.001	TON			
TR11-11-019	VT North	430	UTM83-16	312482.69	5450476.39	498.52	351.16	-3.37	1	LND	0.0025	0.0025	0.026	TON			
TR11-11-020											0.0025	0.0025	0.004				
TR11-11-021	VT North	430	UTM83-16	312482.56	5450477.38	498.46	354.61	-4.39	1.05	LND	0.0025	0.0025	0.001	TON			
TR11-11-022	VT North	430	UTM83-16	312481.67	5450478.30	498.48	358.34	-8.3	0.98	LND	0.0025	0.0025	0.001	TON			
TR11-11-023	VT North	430	UTM83-16	312481.68	5450479.26	498.34	355.09	-10.15	1.04	LND	0.0025	0.0025	0.001	TON			
TR11-11-024	VT North	430	UTM83-16	312481.62	5450480.29	498.16	354.9	-2.32	0.89	LND	0.0025	0.0025	0.001	TON			
TR11-11-025	VT North	430	UTM83-16	312481.57	5450481.18	498.12	352.08	4.06	0.95	LND	0.0025	0.0025	0.001	TON			
TR11-11-026	VT North	430	UTM83-16	312481.46	5450482.12	498.19	352.18	-18.29	1.21	LND	0.0025	0.0025	0.001	TON			
TR11-11-027	VT North	430	UTM83-16	312481.34	5450483.26	497.81	351.97	-12.05	0.91	LND	0.0025	0.0025	0.003	TON			
TR11-11-028	VT North	430	UTM83-16	312481.24	5450484.14	497.62	353.58	-5.51	1.04	LND	0.0025	0.0025	0.001	TON			
TR11-11-029	VT North	430	UTM83-16	312481.16	5450485.18	497.52	353.57	-5.6	0.94	LND	0.0025	0.0025	0.001	TON			
TR11-11-030	VT North	430	UTM83-16	312481.08	5450486.11	497.43	355.96	1.71	1.11	LND	0.0025	0.0025	0.001	TON			
TR11-11-031	VT North	430	UTM83-16	312481.03	5450487.22	497.46	353.65	-3.32	0.95	LND	0.0025	0.0025	0.001	TON			
TR11-11-032	VT North	430	UTM83-16	312480.96	5450488.17	497.40	355.09	-13.8	1.11	LND	0.0025	0.0025	0.001	TON			
TR11-11-033	VT North	430	UTM83-16	312480.90	5450489.24	497.14	355.63	-22.56	1	LND	0.0025	0.0025	0.001	PYXT			
TR11-11-034	VT North	430	UTM83-16	312479.38	5450489.99	496.85	357.57	-29.04	1.03	LND	0.0025	0.0025	0.001	PYXT			
TR11-11-035	VT North	430	UTM83-16	312479.37	5450490.89	496.36	11.03	-28.08	0.95	LND	0.0025	0.006	0.001	PYXT			
TR11-11-036	VT North	430	UTM83-16	312479.55	5450491.71	495.91	353.19	23.22	0.92	LND	0.0025	0.0025	0.001	TON			
TR11-11-037	VT North	430	UTM83-16	312479.70	5450492.44	496.23	12.67	-5.51	0.95	LND	0.0025	0.0025	0.001	TON			
TR11-11-038	VT North	430	UTM83-16	312479.93	5450493.36	496.14	15.41	-0.69	0.99	LND	0.0025	0.0025	0.001	TON			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-11-039	VT North	430	UTM83-16	312480.22	5450494.31	496.12	12.4	-17.18	1.04	LND	0.0025	0.0025	0.001	TON			
TR11-11-040											0.0025	0.0025	0.001				
TR11-11-041	VT North	430	UTM83-16	312480.47	5450495.27	495.82	11.19	-25.02	1.09	LND	0.0025	0.0025	0.001	TON			
TR11-11-042	VT North	430	UTM83-16	312480.69	5450496.24	495.35	15.21	-23.87	0.94	LND	0.0025	0.0025	0.001	TON			
TR11-11-043	VT North	430	UTM83-16	312480.94	5450497.06	494.97	18.74	-7.29	0.95	LND	0.0025	0.0025	0.001	TON			
TR11-11-044	VT North	430	UTM83-16	312481.27	5450497.95	494.85	20.71	-13.97	0.89	LND	0.0025	0.0025	0.001	TON			
TR11-11-045	VT North	430	UTM83-16	312481.60	5450498.75	494.64	21.16	-3.37	1	LND	0.0025	0.0025	0.001	TON			
TR11-11-046	VT North	430	UTM83-16	312481.99	5450499.68	494.58	16.52	-12.32	1.13	LND	0.0025	0.0025	0.001	TON			
TR11-11-047	VT North	430	UTM83-16	312483.14	5450500.69	494.21	8.32	-21.65	0.93	LND	0.0025	0.0025	0.001	TON			
TR11-11-048	VT North	430	UTM83-16	312483.29	5450501.54	493.87	353.56	-35.95	1.23	LND	0.0025	0.0025	0.001	TON			
TR11-11-049	VT North	430	UTM83-16	312483.21	5450502.53	493.14	0.52	-25.13	0.98	LND	0.0025	0.006	0.014	TON			
TR11-11-050	VT North	430	UTM83-16	312483.24	5450503.42	492.72	345.02	-42.05	0.8	LND	0.0025	0.0025	0.001	TON			
TR11-11-051	VT North	430	UTM83-16	312483.11	5450504.00	492.19	339.85	-51.42	0.87	LND	0.0025	0.0025	0.001	TON			
TR11-11-052	VT North	430	UTM83-16	312481.46	5450504.87	491.27	358.75	-34.28	0.83	LND	0.0025	0.0025	0.001	GBNR			
TR11-11-053	VT North	430	UTM83-16	312481.47	5450505.56	490.81	354.66	-37.95	1.02	LND	0.0025	0.0025	0.001	GBNR			
TR11-11-054	VT North	430	UTM83-16	312482.55	5450506.59	490.16	12.7	-35.39	0.89	LND	0.0025	0.0025	0.001	GBNR			
TR11-11-055	VT North	430	UTM83-16	312480.68	5450508.20	490.98	25.34	-29.42	1.2	LND	0.007	0.0025	0.001	PYXT			
TR11-11-056	VT North	430	UTM83-16	312481.15	5450509.13	490.39	29.7	-31.1	1.03	LND	0.0025	0.0025	0.001	PYXT			
TR11-11-057	VT North	430	UTM83-16	312481.61	5450509.88	489.86	30.16	-21.24	1.01	LND	0.0025	0.0025	0.001	PYXT			
TR11-11-058	VT North	430	UTM83-16	312482.11	5450510.68	489.49	35.89	-24.92	0.99	LND	0.0025	0.0025	0.001	PYXT			
TR11-11-059	VT North	430	UTM83-16	312482.65	5450511.40	489.07	28.57	-29.85	1.05	LND	0.0025	0.0025	0.001	PYXT			
TR11-11-060											3.31	0.767	1.17				
TR11-11-061	VT North	430	UTM83-16	312483.11	5450512.18	488.55	29.59	-13.09	0.85	LND	0.008	0.008	0.01	PYXT			
TR11-11-062	VT North	430	UTM83-16	312483.54	5450512.89	488.36	8.85	-30.14	0.96	LND	0.0025	0.0025	0.003	PYXT			
TR11-11-063	VT North	430	UTM83-16	312481.99	5450514.27	488.22	351.69	-14.35	0.91	LND	0.0025	0.0025	0.001	PYXT			
TR11-11-064	VT North	430	UTM83-16	312481.89	5450515.15	488.00	3.16	-2.66	1.03	LND	0.0025	0.0025	0.001	PYXT			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-11-065	VT North	430	UTM83-16	312481.98	5450516.17	487.95	3.37	-10.63	1	LND	0.005	0.0025	0.001	PYXT			
TR11-11-066	VT North	430	UTM83-16	312482.07	5450517.16	487.76	9.16	-21.11	0.82	LND	0.008	0.0025	0.001	PYXT			
TR11-11-067	VT North	430	UTM83-16	312482.21	5450517.91	487.47	3.35	-33.64	1.21	LND	0.0025	0.0025	0.001	PYXT			
TR11-12-001											0.0025	0.0025	0.001				
TR11-12-002											0.498	0.112	0.241				
TR11-12-003											0.0025	0.0025	0.002				
TR11-12-004	SLDI	1165557	UTM83-16	311414.70	5448782.10	514.83	279.59	-7.41	0.99	LND	0.0025	0.0025	0.001	TON			
TR11-12-005	SLDI	1165557	UTM83-16	311404.67	5448801.95	514.53	292.95	-3.93	1.05	LND	0.0025	0.0025	0.001	TON			
TR11-12-006	SLDI	1165557	UTM83-16	311403.72	5448802.38	514.46	290.65	-2.24	1.02	LND	0.0025	0.0025	0.001	TON			
TR11-13-001											0.0025	0.0025	0.001				
TR11-13-002											0.487	0.107	0.206				
TR11-13-003											0.0025	0.0025	0.006				
TR11-13-004	SLDI	1165558	UTM83-16	310251.87	5446228.51	485.21	309.17	19.12	0.98	LND	0.0025	0.0025	0.001	GRDR			
TR11-13-005	SLDI	1165558	UTM83-16	310251.17	5446229.12	485.53	308.55	4.14	1	LND	0.0025	0.0025	0.001	GRDR			
TR11-13-006	SLDI	1165558	UTM83-16	310226.39	5446247.40	488.10	334.7	0.5	1.03	LND	0.0025	0.0025	0.001	GRDR			
TR11-13-007	SLDI	1165558	UTM83-16	310225.97	5446248.34	488.11	333.16	4.41	1.03	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-001											0.0025	0.0025	0.001				
TR11-14-002											0.492	0.101	0.202				
TR11-14-003											0.0025	0.0025	0.001				
TR11-14-004	SLDI	1165558	UTM83-16	310656.21	5447052.72	484.83	138.32	8.38	0.86	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-005	SLDI	1165558	UTM83-16	310656.76	5447052.06	484.95	143.52	-2.44	0.96	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-006	SLDI	1165558	UTM83-16	310657.31	5447051.27	484.91	145.06	-3.85	1.07	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-007	SLDI	1165558	UTM83-16	310663.69	5447044.98	483.40	185.26	22.85	0.96	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-008	SLDI	1165558	UTM83-16	310663.59	5447044.11	483.78	188.63	17.45	0.96	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-009	SLDI	1165558	UTM83-16	310669.15	5447038.62	483.30	178.97	-18.98	0.82	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-010	SLDI	1165558	UTM83-16	310669.14	5447037.84	483.04	184.49	-27.54	0.74	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-011	SLDI	1165558	UTM83-16	310671.01	5447033.97	481.45	102.78	-0.65	0.8	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-012	SLDI	1165558	UTM83-16	310671.78	5447033.77	481.44	109.3	-0.53	0.97	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-013	SLDI	1165558	UTM83-16	310672.68	5447033.43	481.43	109.59	2.57	0.96	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-014	SLDI	1165558	UTM83-16	310673.57	5447033.08	481.47	112.84	-1.02	1.13	LND	0.0025	0.0025	0.01	GRDR			

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
TR11-14-015	SLDI	1165558	UTM83-16	310682.15	5447024.08	481.60	138.46	8.9	1	LND	0.007	0.007	0.001	PYXT			
TR11-14-016	SLDI	1165558	UTM83-16	310686.18	5447019.56	481.81	133.76	-2.84	0.95	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-017	SLDI	1165558	UTM83-16	310686.85	5447018.89	481.76	130.86	-5.2	1.08	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-018	SLDI	1165558	UTM83-16	310687.64	5447018.16	481.66	134.11	-10.18	1.06	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-019	SLDI	1165558	UTM83-16	310688.37	5447017.41	481.48	132.73	-10.95	1.02	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-020											0.0025	0.0025	0.001				
TR11-14-021	SLDI	1165558	UTM83-16	310713.70	5446995.55	484.76	134.75	2.89	0.99	LND	0.0025	0.0025	0.001	GRDR			
TR11-14-022	SLDI	1165558	UTM83-16	310716.90	5446992.44	484.84	129.2	-4.61	0.93	LND	0.0025	0.0025	0.001	GRDR			
TR11-15-001											0.0025	0.0025	0.001				
TR11-15-002											0.467	0.098	0.229				
TR11-15-003											0.0025	0.0025	0.004				
TR11-15-004	SLDI	1165558	UTM83-16	310674.99	5447251.87	495.86	158.41	16.18	0.84	LND	0.0025	0.0025	0.003	PYXT			
TR11-15-005	SLDI	1165558	UTM83-16	310677.64	5447247.73	496.46	146.85	-1.89	0.97	LND	0.0025	0.0025	0.001	PYXT			
TR11-15-006	SLDI	1165558	UTM83-16	310678.15	5447246.91	496.43	148.48	0.81	0.99	LND	0.0025	0.0025	0.002	PYXT			
TR11-15-007	SLDI	1165558	UTM83-16	310678.64	5447246.05	496.44	146.47	-2.48	1.09	LND	0.0025	0.0025	0.004	PYXT			
TR11-15-008	SLDI	1165558	UTM83-16	310680.87	5447259.87	496.66	151.68	-3.28	0.96	LND	0.0025	0.0025	0.001	GAB			
TR11-15-009	SLDI	1165558	UTM83-16	310681.30	5447259.01	496.60	160.88	-7.38	1.09	LND	0.0025	0.0025	0.001	GAB			
TR11-15-010	SLDI	1165558	UTM83-16	310689.15	5447254.87	496.49	183.78	-0.75	0.99	LND	0.0025	0.0025	0.001	GAB			
TR11-15-011	SLDI	1165558	UTM83-16	310689.05	5447253.89	496.48	183.47	-1.39	1.08	LND	0.0025	0.0025	0.001	GAB			
TR11-15-012	SLDI	1165558	UTM83-16	310689.94	5447247.72	495.95	50.37	0.21	0.81	LND	0.016	0.008	0.001	PYXT			
TR11-15-013	SLDI	1165558	UTM83-16	310690.58	5447248.22	495.95	52.04	-0.18	0.98	LND	0.0025	0.0025	0.001	GAB			
TR11-15-014	SLDI	1165558	UTM83-16	310691.37	5447248.80	495.95	50.91	-0.11	1.08	LND	0.031	0.0025	0.013	GAB			
TR11-15-015	SLDI	1165558	UTM83-16	310694.16	5447257.31	496.35	54.74	-4.72	0.94	LND	0.01	0.005	0.001	GAB	Mt		
TR11-15-016	SLDI	1165558	UTM83-16	310694.94	5447257.83	496.27	57.14	-5	1.04	LND	0.0025	0.0025	0.001	GAB	Mt		

* Pd, Pt, Au only are summarized in this table. See the assay certificates for complete analytical results.

Sample_Description	Sulphide 1	Sulphide 1 %	Sulphide 1 Texture	Sulphide 2	Sulphide 2 %	Sulphide 2 Texture	Sulphide 3	Sulphide 3 %	Sulphide 3 Texture
"amphibole rich (amphibolite), med to coarse grains, chl, act alteration"									
"med grained, less foliated, less K-alt"									
"med grained, less foliated, less K-alt, associated with IDK"									
"med grained, less foliated, less K-alt"									
"med grained, less foliated, less K-alt, associated with IDK"									
Standard sample CDN-BL-9									
"med grained, less foliated, less K-alt"									
"med grained, less foliated, less K-alt"									
Standard sample Blank Crush									
Standard sample CDN-PGMS-19									
Standard sample CDN-BL-9									
"(probably amphibolite) associated with medium to coarse grained GAB, chl, act alteration"									
"(probably amphibolite) associated with qtz-feld vein, chl, act alteration"									
"(probably amphibolite) chl, act alteration"	Ccp	0.3	Disseminated	Py	0.2	Disseminated			
"(probably amphibolite) chl, act alteration"									
"medium to coarse grained, mod altered, associated with qtz-feld vein"									
"medium to coarse grained, mod altered, "									
"medium to coarse grained, mod altered, "									
"medium to coarse grained, mod altered, "									
"(probably amphibolite) chl, act alteration"	Ccp	0.2	Disseminated	Py	0.2	Disseminated			
"medium grained, altered, contact with pyroxenite"									
"medium to coarse grained, K-alt"									
"medium grained, moderately altered"	Mt	0.5	Disseminated	Py	0.2	Disseminated			
"medium grained, moderately altered"	Mt	0.5	Disseminated						

Sample	Zone	Claim	Coord System	Collar Easting	Collar Northing	Collar Elevation	Azimuth	Dip	Length	Sampled By	Pd* (ppm)	Pt* (ppm)	Au* (ppm)	Lithology	Lith Modifier	Vein Type	Dyke Type
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Zone

VT North
SLDI

North VT Rim
South Lac des Iles

Sampled By

LND Lionnel Djon

Lithology

DIKE Dyke
EGAB East Gabbro
GAB Gabbro
GBNR Gabbro
GRDR Granodiorite
LGAB Lducogabbro
LNOR Leuconorite
MGAB Melanogabbro
NOR Norite
PYXT Pyroxenite
TON Tonalite
VEIN Vein

Lith Modifier

Mt Magnetite
Vt Varitextured

Sulphide

Ccp Chalcopyrite
Mt Magnetite
Pn Pentlandite
Py Pyrite

Dyke Type

1 Tonalite
2 Felsic
3 Intermediate
4 Mafic

Vein Type

5 Quartz-feldspar

Sample_Description	Sulphide 1	Sulphide 1 %	Sulphide 1 Texture	Sulphide 2	Sulphide 2 %	Sulphide 2 Texture	Sulphide 3	Sulphide 3 %	Sulphide 3 Texture
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APPENDIX C

Assay Certificates



Date Submitted: 01-Oct-11
Invoice No.: A11-11292
Invoice Date: 25-Oct-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

3 Pulp samples and 34 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-11292

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A11-11292

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P	
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min
Date Analyzed	Oct 20 2011 11:06AM	Oct 20 2011 11:06AM	Oct 20 2011 11:06AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM
TR11-01-001	<2	<5	<5	<0.3	0.03	3	42	<1	<2	19.4	<0.3	<1	5	2	0.08	<1	<1	0.02	7	12.2	445	<1	0.02	0.004	
TR11-01-002	415	431	101	19.1	4.16	184	479	<1	<2	3.75	3.6	16	96	363	4.69	21	<1	0.96	15	1.69	841	202	2.29	0.052	
TR11-01-003	5	<5	<5	0.5	3.14	<3	515	<1	<2	2.19	0.3	12	55	26	3.11	18	<1	0.95	13	0.92	581	2	2.34	0.052	
TR11-01-004	<2	5	<5	0.5	4.41	<3	392	<1	<2	2.76	<0.3	6	24	15	2.12	24	<1	0.94	14	0.45	252	<1	3.50	0.026	
TR11-01-005	2	<5	<5	0.5	4.69	<3	467	<1	<2	2.36	<0.3	5	16	21	1.93	24	<1	1.38	13	0.48	213	<1	3.49	0.024	
TR11-01-006	<2	<5	<5	<0.3	3.94	5	551	<1	<2	2.09	<0.3	5	26	36	2.06	23	<1	1.09	12	0.34	212	9	3.36	0.020	
TR11-01-007	<2	<5	<5	<0.3	4.38	<3	507	<1	<2	2.18	<0.3	4	20	13	1.71	25	<1	0.80	15	0.40	252	1	3.80	0.009	
TR11-01-008	<2	<5	<5	0.4	4.14	<3	346	<1	<2	2.29	<0.3	3	8	24	1.38	23	<1	0.65	11	0.25	166	3	3.56	0.009	
TR11-01-009	<2	<5	<5	0.3	4.34	<3	366	<1	<2	2.47	<0.3	4	14	14	1.73	24	<1	0.73	14	0.38	239	1	3.62	0.016	
TR11-01-010	<2	<5	<5	<0.3	5.02	<3	233	<1	<2	3.19	<0.3	6	6	17	2.54	26	<1	0.83	28	0.83	421	<1	3.92	0.049	
TR11-01-011	<2	<5	<5	<0.3	4.84	<3	247	<1	<2	3.24	<0.3	6	6	14	2.07	26	<1	0.69	19	0.58	295	<1	3.65	0.034	
TR11-01-012	<2	<5	<5	0.3	4.80	<3	316	<1	<2	3.24	<0.3	7	10	9	2.28	26	<1	0.74	18	0.61	309	<1	3.59	0.041	
TR11-01-013	<2	<5	<5	<0.3	4.84	<3	291	<1	<2	3.35	<0.3	8	12	20	2.61	26	<1	0.75	20	0.68	391	<1	3.64	0.064	
TR11-01-014	9	<5	<5	<0.3	4.68	<3	324	<1	<2	3.11	<0.3	6	12	14	2.40	26	2	0.73	17	0.57	355	<1	3.50	0.052	
TR11-01-015	<2	<5	<5	0.4	4.75	<3	250	<1	<2	3.67	<0.3	10	11	20	2.97	27	<1	0.66	19	0.74	517	<1	3.52	0.058	
TR11-01-016	<2	<5	<5	0.3	2.03	<3	233	<1	<2	3.25	<0.3	8	10	16	2.21	25	1	0.51	15	0.36	418	2	3.59	0.027	
TR11-01-017	<2	<5	<5	<0.3	4.16	<3	308	<1	<2	3.51	<0.3	11	18	26	3.07	27	<1	1.07	28	1.03	577	<1	3.73	0.057	
TR11-01-018	<2	<5	<5	0.3	4.90	<3	237	<1	<2	4.22	0.4	18	40	52	3.98	28	5	0.62	17	1.43	619	<1	3.52	0.053	
TR11-01-019	<2	<5	<5	<0.3	3.87	<3	215	<1	<2	4.19	<0.3	33	77	55	6.01	23	<1	0.68	18	2.49	967	<1	2.49	0.026	
TR11-01-020	<2	<5	<5	0.4	2.96	<3	486	<1	<2	2.05	<0.3	11	38	25	2.98	16	<1	0.89	12	0.86	519	<1	2.17	0.048	
TR11-01-021	<2	<5	<5	<0.3	4.07	<3	224	<1	<2	4.75	0.4	40	100	76	7.33	24	<1	0.67	21	3.30	1380	<1	2.35	0.016	
TR11-01-022	<2	<5	<5	<0.3	4.03	<3	222	<1	4	5.06	1.1	46	115	96	7.79	24	<1	0.78	20	3.66	1420	<1	2.18	0.017	
TR11-01-023	<2	<5	<5	<0.3	4.04	<3	240	<1	3	4.59	0.4	36	101	79	6.72	22	<1	0.84	20	3.08	1210	<1	2.58	0.020	
TR11-01-024	<2	<5	<5	<0.3	4.09	<3	256	<1	3	4.52	0.7	41	112	77	7.33	22	<1	0.87	20	3.42	1420	<1	2.48	0.020	
TR11-01-025	<2	9	<5	0.4	4.76	<3	386	<1	<2	1.76	<0.3	5	20	6	1.70	22	<1	1.02	21	0.70	283	<1	3.55	0.021	
TR11-01-026	<2	<5	<5	0.3	4.01	<3	337	<1	<2	1.85	<0.3	4	12	5	1.44	21	<1	0.77	17	0.50	254	<1	3.56	0.013	
TR11-01-027	2	<5	<5	0.3	4.35	<3	445	<1	<2	2.62	<0.3	6	13	7	2.20	23	<1	0.81	17	0.61	360	<1	3.44	0.018	
TR11-01-028	<2	<5	<5	0.4	4.30	<3	388	<1	<2	2.40	<0.3	5	9	17	1.93	24	<1	0.77	17	0.59	326	<1	3.49	0.018	
TR11-01-029	<2	<5	<5	<0.3	4.49	<3	350	<1	3	2.58	0.3	9	21	55	2.54	26	<1	0.89	21	0.87	477	2	3.49	0.043	
TR11-01-030	<2	<5	<5	0.4	4.52	<3	352	<1	<2	2.39	<0.3	7	19	14	2.41	25	<1	0.93	27	0.92	449	<1	3.53	0.031	
TR11-01-031	<2	<5	<5	<0.3	4.68	<3	286	<1	<2	4.13	1.1	22	88	45	5.28	29	<1	0.81	15	2.02	952	<1	3.12	0.098	
TR11-01-032	<2	<5	<5	<0.3	4.39	7	258	<1	<2	4.36	0.4	20	63	34	5.14	26	<1	0.68	17	2.02	1020	<1	2.93	0.127	
TR11-01-033	<2	<5	<5	<0.3	4.82	<3	294	<1	<2	4.15	<0.3	18	31	113	4.51	28	<1	0.86	15	1.66	683	2	3.52	0.143	
TR11-01-034	<2	<5	<5	<0.3	2.78	<3	108	<1	<2	2.88	<0.3	10	16	44	2.58	24	<1	0.34	7	0.49	334	<1	3.63	0.035	
TR11-01-035	<2	<5	<5	0.3	3.89	<3	223	<1	6	6.72	0.9	35	157	75	7.06	29	<1	0.87	18	3.68	1040	<1	1.94	0.219	
TR11-01-036	<2	<5	<5	0.3	5.07	<3	256	<1	<2	3.96	0.3	11	16	35	3.49	30	<1	0.57	13	1.00	538	<1	3.56	0.052	
TR11-01-037	29	70	16	0.4	4.45	<3	356	<1	<2	3.58	1.2	34	14	344	5.76	25	<1	0.87	22	1.07	546	2	2.85	0.026	

Activation Laboratories Ltd. Report: A11-11292

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min
Date Analyzed	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM	Oct 17 2011 11:05AM
TR11-01-001	2	< 3	< 5	< 0.01	< 4	135	2	< 0.01	6	10	3	< 5	< 1	< 5	13
TR11-01-002	137	269	6	0.26	17	270	4	0.37	< 5	10	118	9	16	60	372
TR11-01-003	32	3	< 5	0.05	13	261	7	0.21	< 5	10	73	< 5	15	45	48
TR11-01-004	9	4	< 5	0.02	< 4	384	< 2	0.19	6	10	23	< 5	3	138	33
TR11-01-005	10	< 3	< 5	0.02	< 4	471	< 2	0.16	< 5	10	27	< 5	4	82	25
TR11-01-006	8	4	< 5	0.03	< 4	288	< 2	0.16	< 5	10	28	< 5	4	70	30
TR11-01-007	5	5	< 5	0.01	< 4	347	< 2	0.13	< 5	10	20	< 5	1	51	36
TR11-01-008	3	4	< 5	0.02	< 4	304	4	0.09	< 5	10	14	< 5	1	46	23
TR11-01-009	3	< 3	< 5	0.01	< 4	351	< 2	0.13	< 5	10	17	< 5	2	89	33
TR11-01-010	5	< 3	< 5	< 0.01	6	371	4	0.09	< 5	20	9	< 5	3	42	52
TR11-01-011	4	3	< 5	0.01	4	406	7	0.12	6	10	14	< 5	3	46	42
TR11-01-012	3	< 3	< 5	0.01	4	431	12	0.12	6	10	11	< 5	3	46	44
TR11-01-013	3	< 3	< 5	0.01	6	422	12	0.27	< 5	10	42	< 5	5	48	65
TR11-01-014	3	< 3	< 5	< 0.01	5	409	< 2	0.16	< 5	10	16	< 5	4	43	44
TR11-01-015	3	< 3	< 5	0.01	7	447	< 2	0.21	11	20	27	< 5	4	52	47
TR11-01-016	< 1	4	< 5	< 0.01	< 4	324	16	0.24	< 5	10	38	< 5	1	40	41
TR11-01-017	16	< 3	< 5	< 0.01	5	361	< 2	0.30	< 5	10	50	< 5	3	28	54
TR11-01-018	43	< 3	< 5	0.02	9	395	< 2	0.33	5	10	72	< 5	5	33	86
TR11-01-019	121	< 3	< 5	0.04	15	202	< 2	0.12	< 5	< 10	39	< 5	7	13	109
TR11-01-020	31	< 3	< 5	0.04	11	246	< 2	0.15	< 5	< 10	62	< 5	14	33	45
TR11-01-021	154	< 3	< 5	0.05	20	207	4	0.47	10	< 10	147	< 5	9	26	91
TR11-01-022	171	< 3	< 5	0.10	22	208	4	0.57	< 5	< 10	174	< 5	9	22	88
TR11-01-023	144	< 3	< 5	0.06	18	238	4	0.49	< 5	< 10	146	< 5	9	26	79
TR11-01-024	155	< 3	< 5	0.06	21	226	5	0.54	< 5	< 10	158	< 5	10	34	87
TR11-01-025	8	< 3	< 5	< 0.01	< 4	348	3	0.14	5	10	24	< 5	2	50	26
TR11-01-026	6	< 3	< 5	< 0.01	< 4	317	3	0.11	< 5	10	18	< 5	1	39	40
TR11-01-027	8	< 3	< 5	< 0.01	< 4	380	< 2	0.19	< 5	10	32	< 5	3	66	36
TR11-01-028	7	< 3	< 5	0.02	< 4	333	< 2	0.11	< 5	10	20	< 5	2	55	38
TR11-01-029	13	< 3	< 5	0.06	9	375	< 2	0.13	< 5	10	28	6	9	36	133
TR11-01-030	11	< 3	< 5	0.03	5	358	3	0.11	8	10	15	< 5	4	27	96
TR11-01-031	49	< 3	< 5	0.10	17	302	16	0.40	< 5	10	115	< 5	13	40	87
TR11-01-032	43	< 3	< 5	0.06	15	275	9	0.43	5	10	115	< 5	13	52	81
TR11-01-033	28	< 3	< 5	0.24	10	318	3	0.41	< 5	10	106	< 5	11	66	55
TR11-01-034	13	< 3	< 5	0.11	< 4	241	< 2	0.24	< 5	10	51	< 5	2	89	30
TR11-01-035	98	< 3	< 5	0.10	28	391	11	0.74	< 5	< 10	225	< 5	24	54	93
TR11-01-036	12	< 3	< 5	0.10	9	389	4	0.30	< 5	20	69	< 5	7	64	53
TR11-01-037	26	< 3	< 5	1.97	9	296	4	0.23	< 5	10	66	< 5	9	70	58

Activation Laboratories Ltd. Report: A11-11292

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-10- 20 11:06:36	2011-10- 20 11:06:36	2011-10- 20 11:06:36	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49	2011-10- 17 11:05:49
PD1 LABSTD	528	559	462																					
PK2 LABSTD	5220	6030	4870																					
PK2 LABSTD	5150	6070	4710																					
TR11-01-005 Replicate Original				0.3	4.33	< 3	480	< 1	< 2	2.42	< 0.3	5	18	23	1.99	24	< 1	1.43	13	0.44	223	< 1	3.57	0.022
TR11-01-005 LABDUP				0.6	5.06	< 3	454	< 1	< 2	2.29	< 0.3	4	14	20	1.87	23	< 1	1.33	13	0.52	202	< 1	3.41	0.026
TR11-01-010 Replicate Original	< 2	< 5	< 5																					
TR11-01-010 LABDUP	< 2	< 5	< 5																					
TR11-01-019 Replicate Original				< 0.3	3.78	< 3	211	< 1	6	4.12	< 0.3	34	74	53	5.94	22	< 1	0.67	18	2.45	941	< 1	2.45	0.025
TR11-01-019 LABDUP				< 0.3	3.95	< 3	219	< 1	< 2	4.25	0.6	32	80	57	6.09	23	< 1	0.69	19	2.54	993	< 1	2.54	0.027
TR11-01-021 Replicate Original	< 2	< 5	< 5																					
TR11-01-021 LABDUP	< 2	< 5	< 5																					
TR11-01-030 Split Original	< 2	< 5	< 5	0.4	4.52	< 3	352	< 1	< 2	2.39	< 0.3	7	19	14	2.41	25	< 1	0.93	27	0.92	449	< 1	3.53	0.031
TR11-01-030 LABPREP	< 2	< 5	< 5	0.3	4.47	< 3	351	< 1	< 2	2.36	< 0.3	7	11	13	2.39	24	< 1	0.91	26	0.90	432	< 1	3.51	0.029
TR11-01-031 Replicate Original	< 2	< 5	< 5																					
TR11-01-031 LABDUP	< 2	< 5	< 5																					

Quality Control

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine
Date Analyzed	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49	2011-10-17 11:05:49

PD1 LABSTD

PK2 LABSTD

PK2 LABSTD

TR11-01-005 Replicate Original	11	6	< 5	0.02	< 4	462	4	0.16	< 5	10	28	< 5	4	82	27
TR11-01-005 LABDUP Original	9	< 3	< 5	0.02	< 4	481	< 2	0.16	< 5	10	26	< 5	4	83	24
TR11-01-010 Replicate Original															
TR11-01-010 LABDUP Original															
TR11-01-019 Replicate Original	119	< 3	< 5	0.04	15	199	< 2	0.07	< 5	< 10	30	< 5	7	8	108
TR11-01-019 LABDUP Original	123	< 3	< 5	0.04	15	206	< 2	0.16	< 5	< 10	48	< 5	7	19	110
TR11-01-021 Replicate Original															
TR11-01-021 LABDUP Original															
TR11-01-030 Split Original	11	< 3	< 5	0.03	5	358	3	0.11	8	10	15	< 5	4	27	96
TR11-01-030 LABPREP Original	11	< 3	< 5	0.03	5	350	3	0.07	< 5	10	13	< 5	4	24	91
TR11-01-031 Replicate Original															
TR11-01-031 LABDUP Original															

Quality Analysis ...



Innovative Technologies

Date Submitted: 03-Oct-11
Invoice No.: A11-11294
Invoice Date: 02-Nov-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

4 Pulp samples and 66 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-11294

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

Footnote: 11-03-047 & 048 INCIDENT OCCURRED. CLIENT NOTIFIED

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

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TM

Activation Laboratories Ltd. Report: A11-11294

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM

11-03-001	2	4	< 5	< 0.01	< 4	119	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	25
11-03-002	136	251	< 5	0.23	15	243	4	0.30	< 5	< 10	110	8	14	40	356
11-03-003	32	< 3	< 5	0.04	12	232	< 2	0.28	< 5	< 10	87	7	13	25	43
11-03-004	120	< 3	< 5	0.06	34	233	< 2	0.12	< 5	< 10	151	< 5	3	8	35
11-03-005	275	< 3	< 5	0.10	35	253	6	0.16	< 5	< 10	185	< 5	3	7	138
11-03-006	225	3	< 5	0.08	30	215	< 2	0.17	< 5	< 10	187	< 5	2	8	86
11-03-007	207	< 3	< 5	0.14	23	199	5	0.18	< 5	< 10	114	< 5	5	28	41
11-03-008	258	< 3	< 5	< 0.01	21	184	< 2	0.06	< 5	< 10	65	< 5	2	9	31
11-03-009	301	< 3	< 5	< 0.01	22	171	< 2	0.06	< 5	< 10	70	< 5	2	10	31
11-03-010	116	< 3	< 5	0.12	36	201	< 2	0.19	< 5	< 10	201	< 5	3	7	37
11-03-011	125	< 3	< 5	0.13	29	207	< 2	0.19	< 5	< 10	223	< 5	2	6	39
11-03-012	157	< 3	< 5	0.08	46	187	4	0.18	< 5	< 10	236	< 5	3	7	42
11-03-013	267	< 3	< 5	0.26	46	172	4	0.16	< 5	< 10	206	< 5	3	8	47
11-03-014	531	3	< 5	0.70	30	248	< 2	0.12	< 5	< 10	153	< 5	2	6	53
11-03-015	241	< 3	< 5	0.06	28	228	< 2	0.15	< 5	< 10	171	< 5	2	7	46
11-03-016	355	< 3	< 5	0.06	33	212	< 2	0.12	< 5	< 10	147	< 5	3	8	54
11-03-017	288	< 3	< 5	< 0.01	21	178	< 2	0.06	< 5	< 10	70	< 5	2	7	33
11-03-018	272	< 3	< 5	0.05	31	177	< 2	0.09	< 5	< 10	104	< 5	3	8	50
11-03-019	126	< 3	< 5	0.09	36	222	< 2	0.23	< 5	< 10	260	< 5	3	7	40
11-03-020	31	< 3	< 5	0.04	6	202	< 2	0.29	< 5	< 10	89	21	8	51	42
11-03-021	111	< 3	< 5	0.07	23	222	< 2	0.20	< 5	< 10	231	< 5	2	6	38
11-03-022	111	3	< 5	0.11	35	231	< 2	0.16	< 5	< 10	178	< 5	3	7	40
11-03-023	166	< 3	< 5	0.18	38	258	< 2	0.22	< 5	< 10	253	< 5	3	7	49
11-03-024	264	7	< 5	0.13	48	198	6	0.17	< 5	< 10	209	< 5	4	10	77
11-03-025	345	< 3	< 5	0.31	49	170	8	0.15	< 5	< 10	204	< 5	4	9	55
11-03-026	269	< 3	< 5	< 0.01	20	192	< 2	0.05	< 5	< 10	65	< 5	2	6	33
11-03-027	237	< 3	< 5	< 0.01	20	204	< 2	0.07	< 5	< 10	71	< 5	2	7	26
11-03-028	205	< 3	< 5	< 0.01	13	223	< 2	0.04	< 5	< 10	45	< 5	1	6	21
11-03-029	205	< 3	< 5	0.06	38	175	6	0.34	< 5	< 10	262	< 5	5	16	53
11-03-030	200	< 3	< 5	0.04	40	177	< 2	0.24	< 5	< 10	190	< 5	5	13	44
11-03-031	233	< 3	< 5	< 0.01	8	166	4	0.05	< 5	< 10	57	< 5	< 1	6	26
11-03-032	281	< 3	< 5	0.02	23	190	< 2	0.07	< 5	< 10	79	< 5	2	7	33
11-03-033	284	< 3	< 5	0.02	23	186	< 2	0.06	< 5	< 10	75	< 5	2	7	32
11-03-034	378	< 3	< 5	< 0.01	24	157	2	0.05	< 5	< 10	73	< 5	1	6	30
11-03-035	288	4	< 5	< 0.01	20	179	< 2	0.06	< 5	< 10	62	< 5	2	8	29
11-03-036	236	< 3	< 5	< 0.01	17	192	< 2	0.05	< 5	< 10	54	< 5	1	7	21
11-03-037	257	< 3	< 5	< 0.01	18	180	< 2	0.04	< 5	< 10	56	< 5	1	< 5	22
11-03-038	248	< 3	< 5	< 0.01	6	153	< 2	0.04	< 5	< 10	55	< 5	< 1	< 5	26
11-03-039	238	< 3	< 5	< 0.01	13	184	< 2	0.05	< 5	< 10	54	< 5	1	8	21
11-03-040	2	< 3	< 5	< 0.01	< 4	117	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	15
11-03-041	258	< 3	< 5	< 0.01	24	198	2	0.08	< 5	< 10	79	< 5	3	9	25
11-03-042	222	< 3	< 5	< 0.01	17	199	< 2	0.05	< 5	< 10	56	< 5	2	6	23
11-03-043	220	< 3	< 5	< 0.01	18	199	< 2	0.05	< 5	< 10	60	< 5	2	8	22
11-03-044	262	4	< 5	< 0.01	18	190	3	0.05	< 5	< 10	57	< 5	1	7	29
11-03-045	249	< 3	< 5	0.03	19	216	< 2	0.06	< 5	< 10	70	< 5	2	10	30
11-03-046	218	< 3	< 5	< 0.01	13	226	< 2	0.04	< 5	< 10	42	< 5	1	7	19
11-03-047															
11-03-048															

Activation Laboratories Ltd. Report: A11-11294

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM
11-03-049	240	< 3	< 5	< 0.01	12	173	< 2	0.05	< 5	< 10	58	< 5	1	6	27
11-03-050	317	< 3	< 5	0.01	17	155	< 2	0.03	< 5	< 10	51	< 5	< 1	< 5	29
11-03-051	295	< 3	< 5	0.07	38	231	< 2	0.14	< 5	< 10	141	< 5	6	11	60
11-03-052	256	< 3	< 5	0.09	32	229	3	0.12	< 5	< 10	131	< 5	4	9	55
11-03-053	279	4	< 5	0.04	31	196	< 2	0.10	< 5	< 10	106	< 5	4	10	50
11-03-054	288	< 3	< 5	0.03	30	191	< 2	0.09	< 5	< 10	97	< 5	3	11	45
11-03-055	259	< 3	< 5	0.01	24	208	< 2	0.08	< 5	< 10	86	< 5	2	8	33
11-03-056	30	4	< 5	0.07	20	334	< 2	0.26	< 5	< 10	86	< 5	21	85	80
11-03-057	271	< 3	< 5	< 0.01	18	223	< 2	0.06	< 5	< 10	58	< 5	2	20	39
11-03-058	270	< 3	< 5	0.04	24	227	< 2	0.07	< 5	< 10	88	< 5	2	7	34
11-03-059	271	< 3	< 5	< 0.01	7	179	< 2	0.09	< 5	< 10	95	< 5	1	9	27
11-03-060	577	8	< 5	0.06	4	85	< 2	0.05	< 5	< 10	49	< 5	1	< 5	45
11-03-061	354	< 3	< 5	< 0.01	22	156	< 2	0.05	< 5	< 10	71	< 5	1	< 5	35
11-03-062	341	< 3	< 5	0.04	27	161	< 2	0.06	< 5	< 10	87	< 5	2	9	31
11-03-063	320	< 3	< 5	< 0.01	19	183	8	0.04	< 5	< 10	60	< 5	1	9	26
11-03-064	306	< 3	< 5	0.01	22	180	< 2	0.06	< 5	< 10	73	< 5	2	6	31
11-03-065	266	< 3	< 5	0.02	26	195	< 2	0.07	< 5	< 10	87	< 5	2	9	39
11-03-066	396	< 3	< 5	< 0.01	25	131	< 2	0.04	< 5	< 10	75	< 5	1	< 5	34
11-03-067	297	< 3	< 5	0.03	29	174	< 2	0.07	< 5	< 10	100	< 5	2	7	35
11-03-068	206	3	< 5	0.05	10	170	< 2	0.20	< 5	< 10	250	< 5	2	10	43
11-03-069	216	4	< 5	0.10	42	192	< 2	0.35	< 5	< 10	326	< 5	6	13	63
11-03-070	285	< 3	< 5	0.04	40	146	5	0.14	< 5	< 10	158	< 5	4	14	50

Activation Laboratories Ltd. Report: A11-11294

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-10- 25 13:56:12	2011-10- 25 13:56:12	2011-10- 25 13:56:12	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05
PD1 LABSTD	525	551	463																					
PD1 LABSTD	509	534	424																					
PK2 LABSTD	4880	5640	4650																					
PK2 LABSTD	4890	5850	5090																					
11-03-011 Replicate Original	3	7	< 5																					
11-03-011 LABDUP	< 2	< 5	< 5																					
11-03-013 Replicate Original				< 0.3	4.20	< 3	46	< 1	< 2	7.90	0.6	66	68	434	5.73	18	4	0.17	9	4.71	1190	< 1	1.25	0.002
11-03-013 LABDUP				0.3	4.39	< 3	48	< 1	< 2	8.10	0.9	67	60	453	5.88	18	4	0.17	9	4.90	1220	< 1	1.30	0.002
11-03-021 Replicate Original	< 2	7	< 5																					
11-03-021 LABDUP	< 2	6	< 5																					
11-03-027 Replicate Original				< 0.3	6.04	< 3	89	< 1	4	8.16	< 0.3	34	49	30	2.96	16	< 1	0.33	19	4.06	646	< 1	1.61	0.005
11-03-027 LABDUP				17.8	6.05	3	88	< 1	4	8.02	< 0.3	34	63	30	2.95	16	< 1	0.32	19	4.03	636	< 1	1.60	0.005
11-03-030 Split Original	6	57	11	< 0.3	5.13	< 3	73	< 1	< 2	7.24	0.4	46	104	77	5.03	18	< 1	0.26	13	4.41	1040	< 1	1.48	0.011
11-03-030 LABPREP	7	62	12	< 0.3	4.96	< 3	81	< 1	3	7.94	0.5	51	71	86	5.43	20	5	0.28	14	4.46	1140	< 1	1.60	0.011
11-03-032 Replicate Original	3	91	20																					
11-03-032 LABDUP	4	98	20																					
11-03-045 Replicate Original	7	160	24																					
11-03-045 LABDUP	7	166	24																					
11-03-050 Split Original	23	3080	136	0.4	5.32	< 3	44	< 1	5	7.26	< 0.3	36	266	18	2.75	13	< 1	0.22	7	5.23	620	< 1	0.93	0.001
11-03-050 LABPREP	21	3830	180	< 0.3	5.96	3	48	< 1	5	7.92	< 0.3	41	104	20	3.02	15	< 1	0.25	7	5.89	686	< 1	1.03	0.001
11-03-055 Replicate Original	3	176	25																					
11-03-055 LABDUP	2	176	22																					
11-03-061 Split Original	13	77	15	< 0.3	4.82	< 3	116	< 1	4	6.12	< 0.3	46	202	23	3.51	13	< 1	0.65	26	6.00	841	< 1	1.20	0.002
11-03-061 LABPREP	8	84	20	< 0.3	4.90	6	118	< 1	3	6.15	< 0.3	46	102	24	3.56	14	< 1	0.66	27	6.04	832	< 1	1.22	0.002
11-03-062 Replicate Original				< 0.3	4.60	< 3	96	< 1	5	6.62	< 0.3	49	169	21	3.83	14	< 1	0.61	23	5.92	869	< 1	1.31	0.003
11-03-062 LABDUP				< 0.3	4.71	4	97	< 1	4	6.66	< 0.3	48	128	18	3.88	15	< 1	0.62	23	5.99	883	< 1	1.33	0.003
11-03-065 Replicate Original	15	350	49																					
11-03-065 LABDUP	16	317	44																					

Activation Laboratories Ltd. Report: A11-11294

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine
Date Analyzed	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05

PD1 LABSTD																
PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
11-03-011 Replicate Original																
11-03-011 LABDUP																
11-03-013 Replicate Original	264	< 3	< 5	0.26	45	169	4	0.16	< 5	< 10	201	< 5	3	8	46	
11-03-013 LABDUP	271	< 3	< 5	0.27	48	174	4	0.16	< 5	< 10	211	< 5	3	8	48	
11-03-021 Replicate Original																
11-03-021 LABDUP																
11-03-027 Replicate Original	238	< 3	< 5	< 0.01	20	206	< 2	0.07	< 5	< 10	71	< 5	2	7	26	
11-03-027 LABDUP	236	< 3	< 5	< 0.01	20	202	< 2	0.07	< 5	< 10	70	< 5	2	7	26	
11-03-030 Split Original	200	< 3	< 5	0.04	40	177	< 2	0.24	< 5	< 10	190	< 5	5	13	44	
11-03-030 LABPREP	221	< 3	< 5	0.04	37	190	< 2	0.25	< 5	< 10	211	< 5	5	13	49	
11-03-032 Replicate Original																
11-03-032 LABDUP																
11-03-045 Replicate Original																
11-03-045 LABDUP																
11-03-050 Split Original	317	< 3	< 5	0.01	17	155	< 2	0.03	< 5	< 10	51	< 5	< 1	< 5	29	
11-03-050 LABPREP	350	< 3	< 5	0.01	19	171	< 2	0.03	< 5	< 10	56	< 5	< 1	< 5	25	
11-03-055 Replicate Original																
11-03-055 LABDUP																
11-03-061 Split Original	354	< 3	< 5	< 0.01	22	156	< 2	0.05	< 5	< 10	71	< 5	1	< 5	35	
11-03-061 LABPREP	363	< 3	< 5	< 0.01	23	156	< 2	0.05	< 5	< 10	71	< 5	1	5	32	
11-03-062 Replicate Original	342	< 3	< 5	0.04	27	159	4	0.06	< 5	< 10	86	< 5	2	9	31	
11-03-062 LABDUP	340	< 3	< 5	0.04	27	163	< 2	0.06	< 5	< 10	87	< 5	2	9	31	
11-03-065 Replicate Original																
11-03-065 LABDUP																

Quality Analysis ...



Innovative Technologies

Date Submitted: 03-Oct-11
Invoice No.: A11-11333
Invoice Date: 02-Nov-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

6 Pulp samples and 76 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-11333

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-1133

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM

TR11-02-001	2	< 3	< 5	< 0.01	< 4	129	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	23
TR11-02-002	137	261	< 5	0.23	16	246	2	0.27	< 5	< 10	96	7	14	33	339
TR11-02-003	31	7	< 5	0.04	12	239	< 2	0.18	< 5	< 10	70	< 5	14	36	43
TR11-02-004	184	< 3	< 5	0.08	21	222	6	0.23	< 5	< 10	286	< 5	2	8	38
TR11-02-005	186	< 3	< 5	0.07	37	206	< 2	0.16	< 5	< 10	198	< 5	3	7	44
TR11-02-006	174	< 3	< 5	0.04	41	204	< 2	0.14	< 5	< 10	171	< 5	4	12	41
TR11-02-007	173	< 3	< 5	0.04	29	187	3	0.10	< 5	< 10	113	< 5	3	19	41
TR11-02-008	163	< 3	< 5	0.04	32	236	10	0.12	< 5	< 10	135	< 5	3	16	35
TR11-02-009	191	< 3	< 5	0.03	28	231	9	0.18	< 5	< 10	134	< 5	3	23	44
TR11-02-010	154	< 3	< 5	0.02	18	236	< 2	0.12	< 5	< 10	74	< 5	3	60	38
TR11-02-011	62	6	< 5	0.01	7	275	< 2	0.16	< 5	< 10	47	< 5	4	100	22
TR11-02-012	374	< 3	< 5	< 0.01	28	126	8	0.07	< 5	< 10	99	< 5	2	7	41
TR11-02-013	257	< 3	< 5	< 0.01	24	191	< 2	0.08	< 5	< 10	90	< 5	2	13	36
TR11-02-014	210	3	< 5	< 0.01	9	144	6	0.06	< 5	< 10	66	< 5	2	21	28
TR11-02-015	263	4	< 5	< 0.01	29	163	3	0.08	< 5	< 10	110	< 5	3	13	35
TR11-02-016	253	< 3	< 5	0.01	30	180	6	0.10	< 5	< 10	104	< 5	3	15	31
TR11-02-017	230	< 3	< 5	< 0.01	20	189	8	0.06	< 5	< 10	66	< 5	2	5	26
TR11-02-018	255	< 3	< 5	< 0.01	19	181	< 2	0.04	< 5	< 10	62	< 5	1	< 5	24
TR11-02-019	256	< 3	< 5	< 0.01	20	185	4	0.05	< 5	< 10	65	< 5	2	9	27
TR11-02-020	32	4	10	0.04	12	234	< 2	0.20	< 5	< 10	73	< 5	14	32	44
TR11-02-021	250	< 3	< 5	< 0.01	20	182	< 2	0.05	< 5	< 10	67	< 5	2	7	26
TR11-02-022	181	< 3	< 5	< 0.01	16	182	< 2	0.06	< 5	< 10	56	< 5	2	19	19
TR11-02-023	274	< 3	< 5	< 0.01	22	177	8	0.05	< 5	< 10	72	< 5	2	< 5	23
TR11-02-024	283	< 3	< 5	0.03	16	167	5	0.05	< 5	< 10	75	< 5	< 1	< 5	26
TR11-02-025	290	< 3	< 5	< 0.01	11	164	< 2	0.05	< 5	< 10	68	< 5	1	8	29
TR11-02-026	358	< 3	< 5	0.02	21	162	2	0.05	< 5	< 10	67	< 5	2	6	28
TR11-02-027	499	< 3	< 5	0.04	24	139	< 2	0.05	< 5	< 10	71	< 5	1	< 5	36
TR11-02-028	354	< 3	< 5	0.02	21	169	5	0.06	< 5	< 10	67	< 5	2	9	28
TR11-02-029	237	< 3	< 5	0.02	25	195	4	0.07	< 5	< 10	89	< 5	2	8	25
TR11-02-030	246	< 3	< 5	< 0.01	18	179	< 2	0.04	< 5	< 10	58	< 5	2	13	24
TR11-02-031	377	4	< 5	0.01	31	187	2	0.09	< 5	< 10	110	< 5	3	8	44
TR11-02-032	234	< 3	< 5	0.04	29	204	4	0.12	< 5	< 10	104	< 5	5	14	55
TR11-02-033	180	< 3	< 5	< 0.01	12	182	< 2	0.05	< 5	< 10	47	< 5	1	11	22
TR11-02-034	301	< 3	< 5	< 0.01	17	167	< 2	0.04	< 5	< 10	62	5	1	6	27
TR11-02-035	287	< 3	< 5	< 0.01	16	167	5	0.03	< 5	< 10	50	< 5	1	6	24
TR11-02-036	280	< 3	< 5	0.03	21	176	< 2	0.05	< 5	< 10	65	< 5	1	< 5	22
TR11-02-037	284	< 3	< 5	0.02	21	168	8	0.05	< 5	< 10	67	< 5	2	6	24
TR11-02-038	275	< 3	< 5	0.02	22	176	< 2	0.05	< 5	< 10	70	< 5	2	< 5	26
TR11-02-039	295	< 3	< 5	0.01	23	176	7	0.05	< 5	< 10	71	< 5	1	< 5	27
TR11-02-040	2	< 3	< 5	< 0.01	< 4	131	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	13
TR11-02-041	357	< 3	< 5	0.02	27	154	4	0.10	< 5	< 10	105	< 5	2	7	38
TR11-02-042	291	< 3	< 5	0.03	28	171	7	0.07	< 5	< 10	96	< 5	2	7	38
TR11-02-043	261	< 3	< 5	0.03	10	179	7	0.08	< 5	< 10	78	< 5	< 1	< 5	31
TR11-02-044	282	< 3	< 5	0.01	20	171	< 2	0.05	< 5	< 10	68	< 5	2	< 5	30
TR11-02-045	249	< 3	< 5	0.04	21	204	8	0.12	< 5	< 10	90	< 5	4	20	41
TR11-02-046	291	< 3	< 5	< 0.01	15	166	< 2	0.04	< 5	< 10	48	< 5	1	9	25
TR11-02-047	290	< 3	< 5	< 0.01	15	172	< 2	0.05	< 5	< 10	47	< 5	1	18	23
TR11-02-048	2700	13	< 5	0.46	25	119	18	0.06	< 5	< 10	76	5	2	7	43

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min
Date Analyzed	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM	Oct 14 2011 8:44AM

TR11-02-049	334	3	< 5	0.02	22	168	< 2	0.06	< 5	< 10	71	< 5	1	6	33
TR11-02-050	210	< 3	< 5	0.01	15	206	< 2	0.06	< 5	< 10	52	< 5	2	14	24
TR11-02-051	286	< 3	< 5	0.02	27	177	< 2	0.07	< 5	< 10	93	< 5	2	10	28
TR11-02-052	253	< 3	< 5	< 0.01	19	177	< 2	0.04	< 5	< 10	59	< 5	1	6	23
TR11-02-053	249	< 3	< 5	< 0.01	8	149	< 2	0.04	< 5	< 10	59	< 5	< 1	< 5	20
TR11-02-054	186	< 3	< 5	< 0.01	9	168	< 2	0.06	< 5	< 10	48	< 5	1	30	17
TR11-02-055	308	< 3	< 5	0.03	29	158	2	0.08	< 5	< 10	103	< 5	2	7	42
TR11-02-056	376	< 3	< 5	0.01	34	137	< 2	0.08	< 5	< 10	112	< 5	2	7	33
TR11-02-057	279	< 3	< 5	0.04	24	178	< 2	0.07	< 5	< 10	84	< 5	2	8	26
TR11-02-058	307	< 3	< 5	0.02	23	175	8	0.06	< 5	< 10	78	< 5	2	8	27
TR11-02-059	262	< 3	< 5	< 0.01	20	175	< 2	0.04	< 5	< 10	63	< 5	1	< 5	22
TR11-02-060	573	7	< 5	0.08	11	97	5	0.06	6	< 10	50	< 5	2	6	42
TR11-02-061	263	< 3	< 5	< 0.01	20	179	2	0.04	< 5	< 10	60	< 5	1	< 5	25
TR11-02-062	235	< 3	< 5	< 0.01	20	194	< 2	0.06	< 5	< 10	64	< 5	2	10	22
TR11-02-063	206	< 3	< 5	< 0.01	5	147	4	0.05	< 5	< 10	53	< 5	1	12	19
TR11-02-064	272	< 3	< 5	< 0.01	16	208	< 2	0.06	< 5	< 10	54	< 5	2	21	24
TR11-02-065	269	< 3	< 5	0.03	23	217	< 2	0.06	< 5	< 10	79	< 5	2	7	38
TR11-02-066	187	< 3	< 5	< 0.01	12	484	< 2	0.07	< 5	< 10	50	< 5	2	9	22
TR11-02-067	240	< 3	< 5	< 0.01	17	243	< 2	0.04	5	< 10	53	< 5	1	< 5	24
TR11-02-068	278	< 3	< 5	< 0.01	18	253	< 2	0.05	< 5	< 10	53	< 5	2	5	30
TR11-02-069	302	< 3	< 5	< 0.01	18	190	< 2	0.04	< 5	< 10	53	< 5	1	< 5	24
TR11-02-070	295	< 3	< 5	0.01	27	212	< 2	0.07	< 5	< 10	89	< 5	2	9	38
TR11-02-071	2	5	< 5	< 0.01	< 4	159	< 2	< 0.01	< 5	< 10	6	< 5	< 1	< 5	16
TR11-02-072	140	260	< 5	0.23	16	253	< 2	0.27	< 5	< 10	97	< 5	14	33	350
TR11-02-073	30	3	< 5	0.04	10	222	< 2	0.29	< 5	< 10	87	21	12	58	41
TR11-02-074	253	< 3	< 5	< 0.01	21	202	11	0.10	< 5	< 10	80	< 5	3	33	32
TR11-02-075	360	5	< 5	0.07	27	140	8	0.09	< 5	< 10	96	< 5	3	13	41
TR11-02-076	237	< 3	< 5	0.02	21	190	11	0.07	< 5	< 10	67	< 5	3	19	25
TR11-02-077	260	< 3	< 5	< 0.01	20	184	< 2	0.07	< 5	< 10	62	< 5	2	10	35
TR11-02-078	266	< 3	< 5	0.01	21	185	< 2	0.05	< 5	< 10	66	< 5	1	< 5	22
TR11-02-079	258	< 3	< 5	0.03	24	196	< 2	0.06	< 5	< 10	76	5	2	5	22
TR11-02-080	271	< 3	< 5	0.01	20	190	9	0.05	< 5	< 10	68	< 5	2	5	23
TR11-02-081	321	< 3	< 5	0.06	22	203	< 2	0.05	< 5	< 10	68	< 5	1	< 5	57
TR11-02-082	278	< 3	< 5	0.05	26	200	< 2	0.08	< 5	< 10	91	< 5	2	6	28

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Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-10- 25 13:56:12	2011-10- 31 15:43:03	2011-10- 25 13:56:12	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05	2011-10- 14 08:44:05
PD1 LABSTD	540	572	447																					
PD1 LABSTD	501	534	449																					
PK2 LABSTD	5100	5980	4840																					
PK2 LABSTD	4980	6190	4810																					
PK2 LABSTD	5040	6150	4680																					
TR11-02-010 Replicate Original				< 0.3	4.45	< 3	214	< 1	3	4.55	< 0.3	34	49	34	3.52	19	< 1	0.44	22	3.21	733	< 1	2.34	0.014
TR11-02-010 LABDUP				< 0.3	4.54	< 3	215	< 1	< 2	4.59	< 0.3	34	61	35	3.54	18	< 1	0.45	23	3.22	750	< 1	2.37	0.014
TR11-02-011 Replicate Original	< 2	11	< 5																					
TR11-02-011 LABDUP	< 2	8	< 5																					
TR11-02-021 Replicate Original	< 2	89	23																					
TR11-02-021 LABDUP	< 2	91	25																					
TR11-02-030 Split Original	5	195	21	< 0.3	5.50	< 3	156	< 1	5	7.11	< 0.3	31	76	3	2.70	14	< 1	0.66	17	4.15	634	< 1	1.63	0.002
TR11-02-030 LABPREP	7	235	19	< 0.3	5.74	< 3	158	< 1	3	7.24	< 0.3	31	73	3	2.80	15	< 1	0.68	17	4.26	642	< 1	1.67	0.002
TR11-02-032 Replicate Original	14	235	20																					
TR11-02-032 LABDUP	12	240	21																					
TR11-02-045 Replicate Original	7	304	22	< 0.3	4.56	< 3	161	< 1	< 2	5.63	< 0.3	36	184	69	3.37	18	< 1	0.34	21	3.75	712	< 1	1.83	0.008
TR11-02-045 LABDUP	7	302	22	< 0.3	4.74	7	163	< 1	3	5.80	< 0.3	37	151	73	3.46	17	< 1	0.35	22	3.82	742	< 1	1.91	0.008
TR11-02-050 Split Original	14	159	18	< 0.3	5.95	< 3	117	< 1	4	7.66	< 0.3	27	48	40	2.39	17	< 1	0.39	13	3.35	521	< 1	1.70	0.004
TR11-02-050 LABPREP	23	195	22	< 0.3	3.00	< 3	106	< 1	< 2	6.72	< 0.3	27	103	44	2.20	16	< 1	0.29	11	2.57	508	< 1	1.48	0.003
TR11-02-055 Replicate Original	5	111	11																					
TR11-02-055 LABDUP	5	107	9																					
TR11-02-059 Replicate Original				< 0.3	5.98	< 3	39	< 1	4	8.63	< 0.3	35	56	12	2.78	15	< 1	0.11	5	4.49	620	< 1	1.12	0.002
TR11-02-059 LABDUP				< 0.3	6.06	< 3	40	< 1	6	8.73	< 0.3	35	73	14	2.80	17	< 1	0.11	5	4.52	613	< 1	1.13	0.002
TR11-02-061 Split Original	9	102	28	< 0.3	5.95	< 3	62	< 1	5	8.39	< 0.3	34	63	15	2.73	16	< 1	0.22	12	4.49	610	< 1	1.18	0.002
TR11-02-061 LABPREP	4	101	31	< 0.3	4.56	3	59	< 1	3	8.14	< 0.3	34	125	14	2.65	13	< 1	0.17	12	4.13	603	< 1	1.14	0.001
TR11-02-065 Replicate Original	11	447	67																					
TR11-02-065 LABDUP	10	476	65																					
TR11-02-072 Replicate Original				18.2	3.96	184	457	< 1	3	3.61	3.5	18	89	337	3.90	18	< 1	1.01	14	1.61	815	137	2.08	0.049
TR11-02-072 LABDUP				17.2	4.04	178	465	< 1	< 2	3.66	3.6	17	77	342	3.96	18	< 1	1.02	14	1.62	806	127	2.17	0.049
TR11-02-081 Replicate Original	92	8140	439																					
TR11-02-081 LABDUP	114	8500	462																					

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Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	2011-10-14 08:44:05	

PD1 LABSTD																
PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
TR11-02-010 Replicate Original	154	< 3	< 5	0.02	18	236	8	0.12	< 5	< 10	74	< 5	3	59	39	
TR11-02-010 LABDUP	153	4	< 5	0.02	18	237	< 2	0.12	< 5	< 10	75	< 5	3	61	37	
TR11-02-011 Replicate Original																
TR11-02-011 LABDUP																
TR11-02-021 Replicate Original																
TR11-02-021 LABDUP																
TR11-02-030 Split Original	246	< 3	< 5	< 0.01	18	179	< 2	0.04	< 5	< 10	58	< 5	2	13	24	
TR11-02-030 LABPREP	255	< 3	< 5	< 0.01	19	186	< 2	0.04	< 5	< 10	60	< 5	2	11	25	
TR11-02-032 Replicate Original																
TR11-02-032 LABDUP																
TR11-02-045 Replicate Original	246	< 3	< 5	0.04	21	201	5	0.12	< 5	< 10	89	< 5	4	20	43	
TR11-02-045 LABDUP	253	< 3	< 5	0.04	22	207	11	0.12	< 5	< 10	92	< 5	4	21	39	
TR11-02-050 Split Original	210	< 3	< 5	0.01	15	206	< 2	0.06	< 5	< 10	52	< 5	2	14	24	
TR11-02-050 LABPREP	209	< 3	< 5	< 0.01	5	167	< 2	0.06	< 5	< 10	52	< 5	< 1	12	25	
TR11-02-055 Replicate Original																
TR11-02-055 LABDUP																
TR11-02-059 Replicate Original	260	< 3	< 5	< 0.01	20	173	< 2	0.05	< 5	< 10	63	< 5	1	< 5	22	
TR11-02-059 LABDUP	264	< 3	< 5	< 0.01	20	177	< 2	0.04	< 5	< 10	63	< 5	1	< 5	23	
TR11-02-061 Split Original	263	< 3	< 5	< 0.01	20	179	2	0.04	< 5	< 10	60	< 5	1	< 5	25	
TR11-02-061 LABPREP	259	< 3	< 5	< 0.01	13	167	4	0.04	< 5	< 10	59	< 5	< 1	< 5	23	
TR11-02-065 Replicate Original																
TR11-02-065 LABDUP																
TR11-02-072 Replicate Original	138	257	6	0.23	16	250	2	0.27	< 5	< 10	98	< 5	14	33	348	
TR11-02-072 LABDUP	142	262	< 5	0.23	16	255	< 2	0.26	< 5	< 10	96	6	14	32	351	
TR11-02-081 Replicate Original																
TR11-02-081 LABDUP																

Quality Analysis ...



Innovative Technologies

Date Submitted: 05-Oct-11
Invoice No.: A11-11447
Invoice Date: 02-Nov-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

7 Pulp samples and 83 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-11447

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

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TM

Activation Laboratories Ltd. Report: A11-11447

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM

TR11-04-001	1	< 3	< 5	< 0.01	< 4	125	< 2	< 0.01	6	10	4	< 5	< 1	< 5	18
TR11-04-002	133	257	7	0.26	16	260	7	0.37	6	< 10	123	6	16	60	355
TR11-04-003	30	< 3	< 5	0.05	12	238	< 2	0.18	< 5	< 10	68	< 5	14	26	42
TR11-04-004	203	< 3	< 5	0.06	27	202	9	0.12	< 5	< 10	140	< 5	2	7	40
TR11-04-005	208	< 3	< 5	0.05	33	182	3	0.11	6	< 10	132	< 5	3	8	44
TR11-04-006	241	< 3	< 5	< 0.01	17	190	< 2	0.05	< 5	< 10	70	< 5	1	5	26
TR11-04-007	444	< 3	< 5	0.02	30	132	< 2	0.07	< 5	< 10	111	< 5	2	6	41
TR11-04-008	279	< 3	< 5	0.04	27	177	7	0.10	< 5	< 10	123	< 5	2	7	34
TR11-04-009	252	< 3	< 5	0.03	23	194	< 2	0.11	19	< 10	121	< 5	2	7	31
TR11-04-010	193	< 3	< 5	< 0.01	14	305	< 2	0.08	< 5	< 10	75	< 5	3	18	27
TR11-04-011	679	14	< 5	0.07	18	225	7	0.05	< 5	< 10	69	< 5	1	8	33
TR11-04-012	291	< 3	< 5	< 0.01	18	191	< 2	0.05	< 5	< 10	63	< 5	1	< 5	28
TR11-04-013	330	< 3	< 5	< 0.01	18	168	< 2	0.03	8	< 10	58	< 5	< 1	< 5	27
TR11-04-014	295	< 3	< 5	< 0.01	14	169	< 2	0.04	8	< 10	54	< 5	1	6	26
TR11-04-015	301	< 3	< 5	0.02	20	163	5	0.06	< 5	10	77	< 5	1	< 5	25
TR11-04-016	277	< 3	< 5	0.03	25	166	< 2	0.08	< 5	< 10	95	< 5	2	8	36
TR11-04-017	298	< 3	< 5	0.03	24	168	< 2	0.08	5	< 10	102	< 5	2	6	36
TR11-04-018	265	< 3	< 5	0.03	24	199	11	0.11	< 5	10	105	< 5	2	7	32
TR11-04-019	290	< 3	< 5	0.02	26	184	< 2	0.11	< 5	< 10	124	< 5	2	7	34
TR11-04-020	30	< 3	< 5	0.05	12	241	< 2	0.20	5	< 10	74	6	14	33	43
TR11-04-021	287	< 3	< 5	0.03	27	175	9	0.10	< 5	< 10	116	< 5	3	8	36
TR11-04-022	213	< 3	< 5	0.02	20	209	< 2	0.06	< 5	10	75	< 5	2	9	28
TR11-04-023	262	< 3	< 5	0.02	22	211	< 2	0.07	< 5	< 10	79	< 5	2	8	40
TR11-04-024	263	< 3	< 5	0.03	24	206	< 2	0.12	< 5	< 10	121	< 5	4	10	41
TR11-04-025	255	< 3	< 5	0.03	27	201	< 2	0.08	< 5	< 10	113	< 5	3	8	37
TR11-04-026	254	< 3	< 5	0.01	22	211	4	0.06	7	10	75	< 5	2	7	29
TR11-04-027	209	< 3	< 5	< 0.01	14	346	< 2	0.09	< 5	< 10	57	< 5	3	22	28
TR11-04-028	274	< 3	< 5	< 0.01	18	221	< 2	0.05	< 5	10	62	< 5	1	9	26
TR11-04-029	352	< 3	< 5	< 0.01	21	149	< 2	0.04	5	< 10	67	< 5	1	< 5	28
TR11-04-030	254	< 3	< 5	< 0.01	19	188	< 2	0.04	< 5	< 10	64	< 5	1	< 5	25
TR11-04-031	268	< 3	< 5	< 0.01	18	187	< 2	0.04	< 5	< 10	59	< 5	2	15	25
TR11-04-032	105	< 3	< 5	0.01	12	276	5	0.11	7	10	81	< 5	3	30	19
TR11-04-033	211	< 3	< 5	0.04	22	202	11	0.12	< 5	< 10	124	< 5	2	7	29
TR11-04-034	272	< 3	< 5	0.01	18	201	< 2	0.05	9	< 10	58	< 5	1	7	29
TR11-04-035	295	< 3	< 5	< 0.01	19	221	4	0.06	< 5	10	74	< 5	2	9	31
TR11-04-036	250	< 3	< 5	0.02	13	231	< 2	0.09	< 5	< 10	117	< 5	1	5	24
TR11-04-037	298	< 3	< 5	0.02	24	173	< 2	0.09	8	< 10	115	< 5	2	7	32
TR11-04-038	314	< 3	< 5	0.04	34	154	16	0.09	6	< 10	127	< 5	2	6	40
TR11-04-039	271	< 3	< 5	0.02	23	191	< 2	0.07	< 5	< 10	95	< 5	2	6	26
TR11-04-040	< 1	3	< 5	0.01	< 4	119	< 2	< 0.01	7	10	4	< 5	< 1	< 5	15
TR11-04-041	324	< 3	< 5	< 0.01	19	175	< 2	0.04	< 5	10	61	< 5	1	< 5	26
TR11-04-042	342	< 3	< 5	0.03	29	164	< 2	0.07	< 5	< 10	104	< 5	2	< 5	40
TR11-04-043	313	< 3	< 5	< 0.01	25	169	< 2	0.07	5	10	98	< 5	2	6	28
TR11-04-044	295	< 3	< 5	< 0.01	22	179	< 2	0.07	7	< 10	83	< 5	2	7	30
TR11-04-045	310	< 3	< 5	0.01	20	181	< 2	0.06	< 5	< 10	74	< 5	1	< 5	28
TR11-04-046	397	< 3	< 5	< 0.01	22	129	< 2	0.04	< 5	< 10	66	< 5	< 1	< 5	31
TR11-04-047	398	< 3	< 5	< 0.01	25	132	< 2	0.05	< 5	< 10	80	< 5	1	7	36
TR11-04-048	185	< 3	< 5	< 0.01	12	284	< 2	0.07	< 5	10	45	< 5	1	14	24

Activation Laboratories Ltd. Report: A11-11447

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min	1F2-Tbay-Lac Des lles Min
Date Analyzed	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM	Oct 17 2011 8:54PM
TR11-04-049	109	< 3	< 5	< 0.01	7	405	4	0.09	< 5	10	36	< 5	2	35	18
TR11-04-050	157	< 3	< 5	< 0.01	11	323	2	0.07	< 5	10	45	< 5	3	18	19
TR11-04-051	255	< 3	< 5	< 0.01	16	198	< 2	0.04	< 5	< 10	52	< 5	1	< 5	21
TR11-04-052	203	< 3	< 5	0.04	15	282	3	0.09	5	10	71	< 5	2	28	21
TR11-04-053	316	< 3	< 5	< 0.01	22	178	< 2	0.06	< 5	10	78	< 5	1	5	28
TR11-04-054	278	< 3	< 5	< 0.01	25	184	5	0.11	< 5	< 10	122	< 5	2	8	30
TR11-04-055	283	< 3	< 5	< 0.01	17	187	4	0.05	< 5	< 10	60	< 5	1	< 5	23
TR11-04-056	381	< 3	< 5	< 0.01	28	141	5	0.07	< 5	< 10	96	< 5	2	8	36
TR11-04-057	285	< 3	< 5	< 0.01	19	185	< 2	0.06	6	10	74	< 5	2	5	25
TR11-04-058	288	< 3	< 5	< 0.01	20	179	2	0.05	< 5	< 10	66	< 5	1	6	27
TR11-04-059	283	< 3	< 5	0.02	26	181	< 2	0.08	< 5	< 10	99	< 5	2	6	29
TR11-04-060	108	14	< 5	1.43	12	268	< 2	0.35	< 5	< 10	156	< 5	14	47	86
TR11-04-061	279	< 3	< 5	0.08	33	168	13	0.15	7	< 10	176	< 5	3	7	40
TR11-04-062	307	< 3	< 5	0.03	28	179	11	0.10	< 5	< 10	122	< 5	2	7	30
TR11-04-063	269	< 3	< 5	0.02	27	178	< 2	0.07	< 5	< 10	104	< 5	2	6	33
TR11-04-064	288	< 3	< 5	< 0.01	22	181	< 2	0.06	< 5	< 10	78	< 5	2	6	29
TR11-04-065	281	4	< 5	< 0.01	33	182	< 2	0.10	< 5	< 10	122	< 5	4	10	32
TR11-04-066	253	< 3	< 5	< 0.01	27	196	< 2	0.07	< 5	10	99	< 5	2	6	27
TR11-04-067	265	< 3	< 5	0.01	24	195	< 2	0.07	6	< 10	88	< 5	2	8	29
TR11-04-068	286	< 3	< 5	0.03	22	200	4	0.08	< 5	< 10	95	< 5	2	6	34
TR11-04-069	292	< 3	< 5	< 0.01	20	179	< 2	0.06	< 5	< 10	77	< 5	1	< 5	30
TR11-04-070	244	< 3	< 5	< 0.01	19	206	10	0.08	< 5	10	97	< 5	2	6	32
TR11-04-071	1	< 3	< 5	< 0.01	< 4	121	< 2	< 0.01	9	< 10	4	< 5	< 1	< 5	9
TR11-04-072	133	258	< 5	0.26	16	255	< 2	0.32	< 5	< 10	110	< 5	15	45	355
TR11-04-073	32	< 3	< 5	0.04	12	250	4	0.25	< 5	10	86	< 5	15	23	45
TR11-04-074	241	< 3	< 5	< 0.01	18	201	< 2	0.07	9	10	67	< 5	2	6	26
TR11-04-075	245	< 3	< 5	< 0.01	21	253	14	0.08	7	< 10	80	< 5	2	8	32
TR11-04-076	323	< 3	< 5	< 0.01	22	191	< 2	0.06	< 5	< 10	78	< 5	2	7	30
TR11-04-077	299	< 3	< 5	< 0.01	18	183	< 2	0.04	< 5	10	59	< 5	1	< 5	27
TR11-04-078	322	< 3	< 5	< 0.01	19	179	< 2	0.04	8	< 10	61	< 5	1	< 5	26
TR11-04-079	404	< 3	< 5	< 0.01	23	147	< 2	0.04	< 5	< 10	68	< 5	1	< 5	27
TR11-04-080	377	< 3	< 5	0.01	25	147	5	0.05	< 5	< 10	79	< 5	1	< 5	31
TR11-04-081	302	< 3	< 5	< 0.01	25	174	2	0.05	7	10	80	< 5	2	< 5	25
TR11-04-082	362	< 3	< 5	< 0.01	23	151	< 2	0.04	7	< 10	70	< 5	1	< 5	29
TR11-04-083	449	< 3	< 5	< 0.01	25	131	6	0.04	< 5	< 10	75	< 5	1	< 5	33
TR11-04-084	313	< 3	< 5	< 0.01	21	166	< 2	0.04	11	< 10	68	< 5	1	< 5	24
TR11-04-085	448	< 3	< 5	< 0.01	27	129	< 2	0.05	< 5	< 10	83	< 5	1	6	37
TR11-04-086	213	< 3	< 5	0.06	22	218	7	0.12	< 5	< 10	125	< 5	2	7	32
TR11-04-087	255	< 3	< 5	< 0.01	29	197	< 2	0.08	< 5	10	108	< 5	3	8	27
TR11-04-088	252	< 3	< 5	< 0.01	21	222	3	0.06	< 5	10	74	< 5	2	11	23
TR11-04-089	258	< 3	< 5	< 0.01	26	202	< 2	0.07	< 5	10	90	< 5	2	6	25
TR11-04-090	30	< 3	< 5	0.05	12	239	< 2	0.31	< 5	10	95	21	15	60	42

Activation Laboratories Ltd. Report: A11-11447

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-10- 25 13:56:55	2011-10- 31 12:45:36	2011-10- 25 13:56:55	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58	2011-10- 17 20:54:58
PD1 LABSTD	561	574	469																					
PD1 LABSTD	574	578	462																					
PK2 LABSTD	5240	5940	5080																					
PK2 LABSTD	5100	6080	4820																					
PK2 LABSTD		6090																						
TR11-04-010 Replicate Original	29	4160	284	< 0.3	5.17	< 3	142	< 1	2	5.98	< 0.3	29	63	11	3.33	19	< 1	0.29	19	3.59	584	< 1	2.32	0.007
TR11-04-010 LABDUP	32	4340	295	< 0.3	5.17	< 3	143	< 1	3	6.04	< 0.3	30	107	11	3.40	19	< 1	0.30	19	3.66	597	< 1	2.34	0.007
TR11-04-021 Replicate Original	8	251	52																					
TR11-04-021 LABDUP	8	253	50																					
TR11-04-024 Replicate Original				< 0.3	5.28	4	103	< 1	5	7.12	0.4	44	85	36	4.94	19	< 1	0.27	11	4.93	861	< 1	1.67	0.005
TR11-04-024 LABDUP				< 0.3	4.89	< 3	99	< 1	5	6.87	0.4	43	178	34	4.75	19	< 1	0.25	10	4.76	856	< 1	1.61	0.004
TR11-04-030 Split Original	4	130	26	< 0.3	5.85	< 3	101	< 1	3	8.19	< 0.3	35	86	5	3.46	17	< 1	0.42	18	4.68	598	< 1	1.43	0.002
TR11-04-030 LABPREP	3	116	21	< 0.3	5.88	< 3	102	< 1	10	8.24	0.3	34	201	4	3.49	16	< 1	0.43	18	4.72	630	1	1.44	0.002
TR11-04-030 LABPREP	3	116	21																					
TR11-04-031 Replicate Original	5	141	30																					
TR11-04-031 LABDUP	5	145	31																					
TR11-04-045 Replicate Original	9	384	65	< 0.3	5.86	< 3	87	< 1	9	8.03	< 0.3	40	102	97	3.75	16	1	0.33	13	5.52	671	< 1	1.29	0.002
TR11-04-045 LABDUP	12	355	54	< 0.3	5.78	< 3	87	< 1	3	8.06	0.3	39	118	96	3.77	16	< 1	0.33	13	5.51	702	< 1	1.30	0.002
TR11-04-050 Split Original	4	164	32	< 0.3	5.55	< 3	177	< 1	< 2	6.49	< 0.3	21	98	18	2.41	18	2	0.57	15	2.87	435	< 1	2.37	0.015
TR11-04-050 LABPREP	5	128	23	0.3	5.64	< 3	187	< 1	< 2	6.43	0.3	23	68	20	2.45	18	< 1	0.58	15	2.95	414	< 1	2.50	0.016
TR11-04-055 Replicate Original	6	641	69																					
TR11-04-055 LABDUP	6	641	71																					
TR11-04-059 Replicate Original	7	385	72	< 0.3	5.31	< 3	64	< 1	< 2	7.94	< 0.3	42	205	32	4.38	15	< 1	0.23	10	5.25	775	< 1	1.36	0.003
TR11-04-059 LABDUP	7	370	65	< 0.3	5.37	< 3	65	< 1	5	8.04	< 0.3	43	98	32	4.49	15	< 1	0.23	10	5.31	775	< 1	1.36	0.003
TR11-04-061 Split Original	10	434	48	< 0.3	4.63	< 3	62	< 1	3	7.43	0.4	57	183	69	5.98	17	< 1	0.23	12	5.63	957	< 1	1.23	0.003
TR11-04-061 LABPREP	7	480	48	< 0.3	4.77	< 3	62	< 1	< 2	7.64	0.4	61	135	71	6.13	18	< 1	0.23	12	5.70	974	< 1	1.26	0.003
TR11-04-066 Replicate Original	6	81	17																					
TR11-04-066 LABDUP	5	85	18																					
TR11-04-072 Replicate Original				17.9	3.95	200	449	< 1	< 2	3.76	3.3	16	151	359	4.49	17	< 1	1.02	14	1.64	791	193	2.15	0.055
TR11-04-072 LABDUP				17.6	3.93	184	448	< 1	< 2	3.78	3.7	17	108	355	4.49	19	< 1	1.03	14	1.63	741	115	2.14	0.054
TR11-04-080 Replicate Original	20	459	74																					
TR11-04-080 LABDUP	19	471	85																					
TR11-04-086 Replicate Original				< 0.3	5.89	< 3	62	< 1	< 2	8.23	0.4	41	69	110	4.70	19	< 1	0.17	9	4.18	762	< 1	1.62	0.004
TR11-04-086 LABDUP				< 0.3	5.87	< 3	62	< 1	< 2	8.27	< 0.3	41	60	112	4.77	20	< 1	0.17	9	4.20	770	< 1	1.63	0.005
TR11-04-089 Split Original	9	465	66	< 0.3	5.60	< 3	63	< 1	7	8.61	< 0.3	37	98	4	3.95	17	< 1	0.17	11	4.79	656	< 1	1.51	0.003
TR11-04-089 LABPREP	8	416	64	< 0.3	5.46	< 3	61	< 1	< 2	8.38	< 0.3	36	88	4	3.88	17	< 1	0.17	11	4.69	655	< 1	1.46	0.004

Activation Laboratories Ltd. Report: A11-11447

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	2011-10-17 20:54:58	

PD1 LABSTD																
PK2 LABSTD																
TR11-04-010 Replicate Original	192	< 3	< 5	0.02	14	305	< 2	0.08	< 5	< 10	74	< 5	3	17	28	
TR11-04-010 LABDUP	193	< 3	< 5	< 0.01	14	306	< 2	0.08	< 5	10	76	< 5	3	19	27	
TR11-04-021 Replicate Original																
TR11-04-021 LABDUP																
TR11-04-024 Replicate Original	267	< 3	< 5	0.03	25	210	< 2	0.12	< 5	10	123	< 5	4	11	42	
TR11-04-024 LABDUP	258	< 3	< 5	0.02	23	202	5	0.11	< 5	< 10	119	< 5	4	10	40	
TR11-04-030 Split Original	254	< 3	< 5	< 0.01	19	188	< 2	0.04	< 5	< 10	64	< 5	1	< 5	25	
TR11-04-030 LABPREP	255	< 3	< 5	< 0.01	19	192	< 2	0.05	< 5	< 10	65	< 5	1	< 5	23	
TR11-04-031 Replicate Original																
TR11-04-031 LABDUP																
TR11-04-045 Replicate Original	310	< 3	< 5	0.02	20	182	< 2	0.06	< 5	< 10	75	< 5	1	< 5	28	
TR11-04-045 LABDUP	310	< 3	< 5	0.01	20	179	< 2	0.06	7	10	74	< 5	1	5	28	
TR11-04-050 Split Original	157	< 3	< 5	< 0.01	11	323	2	0.07	< 5	10	45	< 5	3	18	19	
TR11-04-050 LABPREP	163	< 3	< 5	< 0.01	11	342	< 2	0.07	< 5	10	46	< 5	3	24	19	
TR11-04-055 Replicate Original																
TR11-04-055 LABDUP																
TR11-04-059 Replicate Original	283	< 3	< 5	0.02	25	178	< 2	0.08	< 5	< 10	97	< 5	2	6	29	
TR11-04-059 LABDUP	282	< 3	< 5	0.02	26	184	< 2	0.08	< 5	< 10	101	< 5	2	7	29	
TR11-04-061 Split Original	279	< 3	< 5	0.08	33	168	13	0.15	7	< 10	176	< 5	3	7	40	
TR11-04-061 LABPREP	287	4	< 5	0.09	35	175	6	0.15	6	< 10	182	< 5	3	8	40	
TR11-04-066 Replicate Original																
TR11-04-066 LABDUP																
TR11-04-072 Replicate Original	135	255	6	0.26	16	253	8	0.37	8	< 10	122	7	15	57	355	
TR11-04-072 LABDUP	131	260	< 5	0.26	16	258	< 2	0.27	< 5	10	99	< 5	15	32	354	
TR11-04-080 Replicate Original																
TR11-04-080 LABDUP																
TR11-04-086 Replicate Original	214	< 3	< 5	0.06	23	219	11	0.12	< 5	< 10	125	< 5	2	7	33	
TR11-04-086 LABDUP	212	< 3	< 5	0.06	22	217	3	0.12	< 5	10	125	< 5	2	7	32	
TR11-04-089 Split Original	258	< 3	< 5	< 0.01	26	202	< 2	0.07	< 5	10	90	< 5	2	6	25	
TR11-04-089 LABPREP	253	< 3	< 5	< 0.01	25	198	< 2	0.06	< 5	< 10	90	< 5	2	7	23	



Date Submitted: 19-Oct-11
Invoice No.: A11-12151
Invoice Date: 08-Nov-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

15 Pulp samples and 217 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-12151

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A11-12151

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 3 2011 9:32AM	Nov 3 2011 9:32AM	Nov 3 2011 9:32AM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM
TR11-06-097	< 2	30	< 5	< 0.3	4.35	< 3	74	< 1	4	5.74	0.6	63	192	28	7.81	16	< 1	0.27	11	5.86	1280	< 1	1.22	0.003
TR11-06-098	< 2	< 5	5	< 0.3	3.91	8	61	< 1	6	5.09	0.4	64	245	22	7.94	14	< 1	0.21	10	6.07	1360	< 1	1.08	0.003
TR11-06-099	< 2	< 5	7	< 0.3	4.12	< 3	55	< 1	< 2	5.44	0.6	66	228	25	8.30	16	< 1	0.14	8	6.28	1340	< 1	1.13	0.004
TR11-06-100	< 2	27	8	< 0.3	4.29	4	58	< 1	2	5.42	0.7	67	137	24	8.19	17	< 1	0.16	7	6.22	1300	< 1	1.22	0.004
TR11-06-101	< 2	41	< 5	< 0.3	4.95	< 3	65	< 1	< 2	6.29	0.5	56	112	30	6.98	18	< 1	0.17	5	5.08	1100	< 1	1.48	0.005
TR11-06-102	< 2	37	< 5	< 0.3	5.39	9	99	< 1	< 2	6.63	< 0.3	45	90	32	5.84	18	< 1	0.33	11	4.35	938	< 1	1.73	0.005
TR11-06-103	< 2	27	< 5	< 0.3	5.07	4	79	< 1	2	6.43	0.4	51	115	27	6.65	18	< 1	0.24	9	4.75	1120	< 1	1.65	0.005
TR11-06-104	< 2	< 5	6	< 0.3	4.59	4	62	< 1	3	5.92	0.4	59	149	34	7.76	17	< 1	0.19	11	5.72	1280	< 1	1.29	0.004
TR11-06-105	< 2	44	< 5	< 0.3	4.75	5	80	< 1	3	6.04	0.6	55	127	65	6.80	16	< 1	0.26	16	4.90	1160	< 1	1.62	0.004
TR11-06-106	< 2	40	< 5	< 0.3	5.66	5	111	< 1	3	6.42	0.4	30	118	20	4.13	20	< 1	0.21	12	3.10	666	< 1	2.50	0.004
TR11-06-107	< 2	35	< 5	< 0.3	5.34	< 3	77	< 1	3	6.83	< 0.3	39	94	28	5.20	19	< 1	0.27	12	3.90	854	< 1	1.62	0.003
TR11-06-108	< 2	38	6	< 0.3	5.63	< 3	81	< 1	6	7.19	0.5	42	100	30	5.52	20	< 1	0.29	13	4.11	884	< 1	1.71	0.004
TR11-06-109	< 2	30	< 5	< 0.3	6.10	4	110	< 1	5	7.41	0.3	42	89	40	5.53	17	< 1	0.38	16	4.13	901	< 1	2.00	0.004
TR11-06-110	< 2	< 5	< 5	< 0.3	5.55	< 3	106	< 1	4	6.91	0.5	44	113	26	5.80	18	< 1	0.37	14	4.43	969	< 1	1.82	0.004
TR11-06-111	< 2	26	< 5	< 0.3	5.36	< 3	106	< 1	2	6.57	0.5	49	118	28	6.25	19	< 1	0.39	17	4.66	1030	< 1	1.70	0.005
TR11-06-112	< 2	29	< 5	< 0.3	5.57	< 3	103	< 1	2	7.07	0.4	55	140	34	7.00	18	< 1	0.45	17	5.26	1140	< 1	1.65	0.005
TR11-06-113	< 2	32	10	< 0.3	5.13	3	101	< 1	4	6.42	0.3	52	141	32	6.73	17	< 1	0.47	15	5.12	1090	< 1	1.47	0.004
TR11-06-114	< 2	10	< 5	< 0.3	3.28	< 3	67	< 1	6	4.58	0.5	71	206	33	8.48	15	< 1	0.28	20	7.04	1450	< 1	1.15	0.005
TR11-06-115	< 2	11	8	< 0.3	2.88	6	46	< 1	< 2	4.44	1.1	79	258	30	9.55	15	< 1	0.20	20	8.19	1710	< 1	0.89	0.010
TR11-06-116	< 2	24	< 5	< 0.3	4.20	< 3	84	< 1	4	5.26	0.7	58	254	47	6.89	14	< 1	0.25	16	5.87	1170	< 1	1.32	0.003
TR11-06-117	< 2	26	< 5	< 0.3	4.06	< 3	73	< 1	3	5.20	0.4	64	276	35	7.65	15	< 1	0.22	18	6.60	1260	< 1	1.06	0.003
TR11-06-118	< 2	30	< 5	< 0.3	4.07	< 3	77	< 1	< 2	5.54	0.6	63	230	42	7.65	15	< 1	0.27	18	6.45	1260	< 1	1.09	0.004
TR11-06-119	10	22	6	< 0.3	4.05	4	72	< 1	3	5.59	0.6	63	173	44	7.87	15	< 1	0.25	22	6.53	1260	< 1	1.12	0.003
TR11-06-120	3	34	8	< 0.3	4.59	< 3	79	< 1	3	6.17	0.6	61	133	74	7.90	17	< 1	0.24	17	6.08	1290	< 1	1.31	0.004
TR11-06-121	< 2	33	6	< 0.3	4.37	< 3	74	< 1	4	5.82	0.6	63	142	67	7.97	15	< 1	0.20	8	6.01	1260	< 1	1.27	0.003
TR11-06-122	15	63	12	< 0.3	4.07	< 3	75	< 1	< 2	6.66	0.4	68	123	225	7.98	15	< 1	0.23	9	5.73	1290	< 1	1.47	0.003
TR11-06-123	13	137	19	< 0.3	2.61	< 3	55	< 1	3	5.25	0.8	84	296	285	10.9	16	< 1	0.13	3	7.94	1750	< 1	0.82	0.003
TR11-06-124	11	102	12	< 0.3	4.24	8	72	< 1	< 2	7.47	0.5	53	172	285	7.38	16	< 1	0.18	7	4.99	1230	< 1	1.58	0.004
TR11-06-125	13	158	20	< 0.3	3.16	< 3	60	< 1	< 2	4.86	1.0	83	213	232	10.3	17	< 1	0.14	3	7.56	1640	< 1	1.04	0.003
TR11-06-126	7	95	13	< 0.3	2.58	5	55	< 1	< 2	4.38	1.0	82	474	178	10.5	16	< 1	0.14	6	8.00	1770	< 1	0.71	0.003
TR11-06-127	5	97	16	< 0.3	3.42	< 3	73	< 1	3	4.66	0.7	72	282	162	9.59	16	< 1	0.19	8	6.68	1610	< 1	1.19	0.004
TR11-06-128	< 2	54	10	< 0.3	4.14	4	66	< 1	4	5.42	0.7	68	309	61	8.33	18	< 1	0.16	8	6.78	1350	< 1	1.20	0.003
TR11-06-129	5	67	11	< 0.3	3.87	5	61	< 1	< 2	5.41	0.7	69	181	82	8.82	17	< 1	0.15	7	6.62	1330	< 1	1.12	0.007
TR11-06-130	222	478	101	1.3	4.14	36	239	< 1	< 2	5.20	2.4	21	59	1750	4.87	18	< 1	1.93	16	1.72	665	32	1.81	0.091
TR11-06-131	9	98	23	< 0.3	4.40	< 3	62	< 1	2	5.79	0.4	64	161	138	7.72	17	< 1	0.18	8	6.45	1180	< 1	1.14	0.005
TR11-06-132	3	54	21	< 0.3	4.40	< 3	63	< 1	5	5.86	0.4	62	204	43	7.52	16	< 1	0.20	5	6.38	1190	< 1	1.18	0.005
TR11-06-133	< 2	55	24	< 0.3	4.17	30	75	< 1	6	6.07	0.9	71	205	59	7.63	18	< 1	0.25	7	6.71	1270	4	1.10	0.005
TR11-06-134	< 2	64	23	< 0.3	4.39	< 3	75	< 1	< 2	6.27	1.0	66	205	39	7.23	18	3	0.25	7	6.29	1170	< 1	1.20	0.005
TR11-06-135	< 2	57	20	< 0.3	4.55	8	76	< 1	< 2	6.37	0.6	63	161	35	6.99	18	4	0.26	8	6.15	1160	< 1	1.25	0.004
TR11-06-136	< 2	47	19	< 0.3	4.53	< 3	84	< 1	4	6.55	0.8	55	141	36	6.78	19	< 1	0.29	9	5.73	1090	< 1	1.57	0.005
TR11-06-137	< 2	40	15	< 0.3	4.06	5	96	< 1	3	5.69	0.8	60	142	19	6.47	17	< 1	0.23	15	5.59	1040	< 1	1.58	0.006
TR11-06-138	< 2	44	18	< 0.3	4.18	< 3	110	< 1	3	5.66	0.4	64	206	19	7.09	18	3	0.32	17	6.30	1200	< 1	1.58	0.006
TR11-06-139	4	26	11	< 0.3	4.64	< 3	101	< 1	< 2	6.88	0.6	63	105	106	6.95	20	3	0.32	11	5.42	1060	< 1	1.73	0.012
TR11-06-140	< 2	70	29	< 0.3	3.68	3	51	< 1	< 2	5.38	0.8	75	320	29	8.57	16	2	0.13	4	8.07	1430	< 1	0.90	0.004
TR11-06-141	< 2	< 5	< 5	< 0.3	0.12	< 3	603	< 1	< 2	17.7	< 0.3	1	67	2	0.35	< 1	< 1	0.03	9	11.8	437	< 1	0.03	0.003
TR11-06-142	372	449	95	19.2	3.64	178	464	< 1	< 2	4.21	3.5	16	159	337	4.30	16	< 1	0.87	14	2.00	786	166	1.99	0.049
TR11-06-143	5	< 5	< 5	0.9	2.99	8	494	< 1	< 2	2.17	0.4	12	48	45	2.84	14	< 1	0.87	13	0.91	550	10	2.03	0.051
TR11-06-144	< 2	74	26	< 0.3	3.53	4	50	< 1	3	5.15	1.1	79	389	23	8.77	16	4	0.11	5	8.23	1450	< 1	0.92</	

Activation Laboratories Ltd. Report: A11-12151

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM

TR11-06-001	2	< 3	< 5	0.02	< 4	129	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	151
TR11-06-002	131	266	< 5	0.25	16	257	< 2	0.25	< 5	< 10	89	< 5	15	34	371
TR11-06-003	31	7	< 5	0.04	12	251	< 2	0.11	< 5	< 10	49	< 5	15	25	51
TR11-06-004	230	< 3	< 5	0.07	38	280	3	0.16	< 5	< 10	141	< 5	5	10	50
TR11-06-005	204	< 3	< 5	0.05	38	252	5	0.16	< 5	< 10	147	< 5	5	10	47
TR11-06-006	200	< 3	< 5	0.13	41	230	4	0.20	< 5	< 10	188	< 5	6	10	46
TR11-06-007	245	< 3	< 5	0.05	23	262	4	0.11	< 5	< 10	92	< 5	3	8	38
TR11-06-008	158	< 3	< 5	0.06	23	278	< 2	0.13	< 5	< 10	102	< 5	3	8	36
TR11-06-009	136	< 3	< 5	0.11	25	302	2	0.19	< 5	< 10	150	< 5	4	9	44
TR11-06-010	179	< 3	< 5	0.07	23	269	< 2	0.15	< 5	< 10	150	< 5	3	7	44
TR11-06-011	157	< 3	< 5	0.06	21	271	< 2	0.13	6	< 10	125	< 5	3	7	46
TR11-06-012	127	< 3	< 5	0.05	18	327	< 2	0.14	< 5	< 10	111	< 5	2	7	36
TR11-06-013	136	< 3	< 5	0.03	18	336	< 2	0.12	< 5	< 10	112	< 5	2	5	38
TR11-06-014	162	< 3	< 5	0.03	22	327	< 2	0.14	< 5	< 10	129	< 5	3	6	47
TR11-06-015	187	< 3	< 5	0.02	24	277	< 2	0.13	< 5	< 10	133	< 5	3	7	46
TR11-06-016	221	< 3	< 5	0.05	28	226	< 2	0.14	< 5	< 10	154	< 5	3	7	49
TR11-06-017	251	< 3	< 5	0.03	31	180	< 2	0.15	< 5	< 10	168	< 5	3	8	68
TR11-06-018	267	< 3	< 5	0.03	34	173	4	0.16	< 5	< 10	180	< 5	3	8	66
TR11-06-019	215	< 3	< 5	0.04	27	208	2	0.14	< 5	< 10	143	< 5	3	7	62
TR11-06-020	30	4	< 5	0.04	11	238	2	0.24	< 5	< 10	75	< 5	14	49	45
TR11-06-021	241	3	< 5	0.02	28	150	< 2	0.13	< 5	< 10	149	< 5	3	9	73
TR11-06-022	264	< 3	< 5	0.05	28	170	< 2	0.15	< 5	< 10	157	< 5	3	8	57
TR11-06-023	223	< 3	< 5	0.04	27	244	< 2	0.16	< 5	< 10	156	< 5	3	8	57
TR11-06-024	159	< 3	< 5	0.04	21	240	4	0.13	< 5	< 10	122	< 5	2	6	40
TR11-06-025	211	< 3	< 5	0.02	24	249	< 2	0.11	< 5	< 10	115	< 5	3	8	61
TR11-06-026	212	< 3	< 5	0.04	26	214	< 2	0.15	< 5	< 10	142	< 5	3	9	56
TR11-06-027	217	< 3	< 5	0.04	26	229	< 2	0.15	< 5	< 10	144	< 5	3	9	55
TR11-06-028	173	< 3	< 5	0.04	22	276	< 2	0.15	< 5	< 10	126	< 5	3	9	45
TR11-06-029	164	< 3	< 5	0.04	20	300	< 2	0.13	9	< 10	115	< 5	3	8	43
TR11-06-030	199	< 3	< 5	0.05	24	209	< 2	0.14	< 5	< 10	132	< 5	3	9	51
TR11-06-031	330	< 3	< 5	0.05	39	118	< 2	0.17	< 5	< 10	182	< 5	4	11	80
TR11-06-032	359	3	< 5	0.12	39	121	< 2	0.17	< 5	< 10	186	< 5	4	10	77
TR11-06-033	326	4	< 5	0.03	39	123	7	0.17	< 5	< 10	178	< 5	4	10	77
TR11-06-034	247	4	< 5	< 0.01	25	168	< 2	0.12	< 5	< 10	119	< 5	3	16	59
TR11-06-035	359	7	< 5	0.08	40	130	< 2	0.19	< 5	< 10	185	< 5	4	11	79
TR11-06-036	318	4	< 5	0.07	37	146	< 2	0.20	< 5	< 10	186	< 5	4	12	77
TR11-06-037	352	4	< 5	0.07	38	141	< 2	0.18	< 5	< 10	181	< 5	4	9	82
TR11-06-038	354	< 3	< 5	0.05	39	133	< 2	0.17	< 5	< 10	181	< 5	4	9	78
TR11-06-039	335	< 3	< 5	0.06	39	130	< 2	0.18	< 5	< 10	182	< 5	4	9	71
TR11-06-040	3	< 3	< 5	< 0.01	< 4	135	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	14
TR11-06-041	296	< 3	< 5	0.01	31	171	< 2	0.20	< 5	< 10	155	< 5	5	31	65
TR11-06-042	352	< 3	< 5	0.05	38	134	4	0.19	< 5	< 10	193	< 5	4	10	84
TR11-06-043	347	< 3	< 5	0.06	37	147	< 2	0.20	< 5	< 10	197	< 5	4	10	78
TR11-06-044	317	< 3	< 5	0.03	34	192	11	0.17	< 5	< 10	181	< 5	4	10	80
TR11-06-045	322	4	< 5	0.04	35	181	< 2	0.17	< 5	< 10	167	< 5	4	11	78
TR11-06-046	315	< 3	< 5	0.04	35	164	8	0.18	< 5	< 10	178	< 5	4	11	74
TR11-06-047	327	7	< 5	0.04	36	156	< 2	0.18	< 5	< 10	183	< 5	4	11	80
TR11-06-048	275	< 3	< 5	0.08	31	209	< 2	0.17	< 5	< 10	172	< 5	4	10	72

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM

TR11-06-049	304	5	< 5	0.03	34	164	< 2	0.19	< 5	< 10	190	< 5	4	10	80
TR11-06-050	294	6	< 5	0.06	33	162	< 2	0.22	< 5	< 10	211	< 5	4	9	74
TR11-06-051	281	< 3	< 5	0.10	34	176	< 2	0.22	< 5	< 10	213	< 5	4	10	68
TR11-06-052	276	< 3	< 5	0.07	32	152	< 2	0.22	< 5	< 10	213	< 5	3	10	66
TR11-06-053	277	7	< 5	0.04	32	138	< 2	0.21	< 5	< 10	210	< 5	4	10	74
TR11-06-054	347	10	< 5	0.07	39	118	< 2	0.27	< 5	< 10	248	< 5	4	11	76
TR11-06-055	354	7	< 5	0.09	40	149	< 2	0.27	< 5	< 10	262	< 5	4	13	73
TR11-06-056	339	4	< 5	0.06	37	99	3	0.24	< 5	< 10	231	< 5	4	11	81
TR11-06-057	320	< 3	< 5	0.07	36	166	< 2	0.24	< 5	< 10	228	< 5	4	11	76
TR11-06-058	271	< 3	< 5	0.13	31	220	7	0.28	< 5	< 10	246	< 5	3	8	63
TR11-06-059	214	3	< 5	0.05	26	228	< 2	0.19	< 5	< 10	174	< 5	3	7	57
TR11-06-060	98	10	< 5	1.32	12	253	8	0.30	8	< 10	131	6	14	44	84
TR11-06-061	202	< 3	< 5	0.03	24	258	6	0.18	< 5	< 10	158	< 5	3	12	51
TR11-06-062	219	< 3	< 5	0.04	26	257	< 2	0.23	< 5	< 10	183	< 5	3	9	48
TR11-06-063	193	< 3	< 5	< 0.01	23	266	< 2	0.19	< 5	< 10	147	< 5	3	18	41
TR11-06-064	127	4	< 5	< 0.01	15	240	< 2	0.15	< 5	< 10	110	< 5	4	31	30
TR11-06-065	178	< 3	< 5	0.01	23	281	< 2	0.18	< 5	< 10	139	< 5	3	15	42
TR11-06-066	185	< 3	< 5	0.04	23	215	7	0.18	< 5	< 10	149	< 5	3	8	41
TR11-06-067	214	< 3	< 5	0.06	26	236	< 2	0.20	< 5	< 10	167	< 5	3	8	51
TR11-06-068	216	< 3	< 5	0.05	24	246	< 2	0.17	5	< 10	159	< 5	3	8	51
TR11-06-069	213	< 3	< 5	0.09	26	222	< 2	0.20	< 5	< 10	167	< 5	3	10	53
TR11-06-070	216	< 3	< 5	0.05	26	222	< 2	0.20	< 5	< 10	169	< 5	3	9	51
TR11-06-071	2	< 3	< 5	< 0.01	< 4	124	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	15
TR11-06-072	135	266	< 5	0.26	16	269	8	0.33	< 5	< 10	107	7	15	39	366
TR11-06-073	34	4	< 5	0.04	12	248	3	0.27	< 5	< 10	82	8	15	46	43
TR11-06-074	220	< 3	< 5	0.05	25	252	< 2	0.18	< 5	< 10	167	< 5	2	8	50
TR11-06-075	206	< 3	< 5	0.04	24	266	< 2	0.18	5	< 10	170	< 5	3	9	49
TR11-06-076	195	< 3	< 5	0.04	23	230	< 2	0.18	5	< 10	155	< 5	3	10	48
TR11-06-077	209	< 3	< 5	0.06	22	243	< 2	0.20	< 5	< 10	182	< 5	2	9	49
TR11-06-078	223	< 3	< 5	0.04	25	235	< 2	0.22	8	< 10	184	< 5	3	8	50
TR11-06-079	213	< 3	< 5	0.05	23	234	< 2	0.18	< 5	< 10	156	< 5	2	8	47
TR11-06-080	227	< 3	< 5	0.04	25	238	< 2	0.17	7	< 10	163	< 5	2	9	54
TR11-06-081	217	< 3	< 5	0.04	25	242	< 2	0.17	< 5	< 10	156	< 5	2	8	51
TR11-06-082	193	< 3	< 5	0.06	22	271	6	0.16	6	< 10	147	< 5	2	8	47
TR11-06-083	213	< 3	< 5	0.07	25	234	< 2	0.17	< 5	< 10	163	< 5	2	8	51
TR11-06-084	205	< 3	< 5	0.06	25	251	< 2	0.17	< 5	< 10	155	< 5	3	7	50
TR11-06-085	245	< 3	< 5	0.06	30	213	< 2	0.19	< 5	< 10	185	< 5	3	8	60
TR11-06-086	226	< 3	< 5	0.08	30	228	< 2	0.24	< 5	< 10	228	< 5	3	9	58
TR11-06-087	193	5	< 5	0.13	23	265	< 2	0.24	< 5	< 10	220	< 5	3	9	44
TR11-06-088	203	< 3	< 5	0.06	26	252	4	0.23	< 5	< 10	209	< 5	3	8	46
TR11-06-089	269	4	< 5	0.07	34	174	< 2	0.27	< 5	< 10	248	< 5	3	11	70
TR11-06-090	34	3	< 5	0.05	13	271	< 2	0.22	< 5	< 10	70	< 5	16	34	48
TR11-06-091	149	< 3	< 5	0.04	19	290	< 2	0.14	< 5	< 10	107	< 5	2	7	38
TR11-06-092	160	< 3	< 5	0.03	19	276	< 2	0.12	< 5	< 10	102	< 5	2	7	40
TR11-06-093	184	< 3	< 5	0.01	21	251	4	0.13	< 5	< 10	110	< 5	2	9	44
TR11-06-094	188	< 3	< 5	0.03	23	263	< 2	0.12	< 5	< 10	116	< 5	2	8	46
TR11-06-095	206	3	< 5	0.03	23	250	7	0.13	< 5	< 10	124	< 5	2	7	54
TR11-06-096	183	< 3	< 5	0.04	22	243	< 2	0.13	< 5	< 10	115	< 5	2	7	49

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM

TR11-06-097	254	< 3	< 5	0.10	32	191	< 2	0.16	< 5	< 10	161	< 5	3	9	61
TR11-06-098	247	< 3	< 5	0.15	30	161	2	0.15	< 5	< 10	149	< 5	3	8	58
TR11-06-099	255	< 3	< 5	0.06	32	167	< 2	0.15	< 5	< 10	153	< 5	3	8	64
TR11-06-100	256	< 3	< 5	0.06	30	180	< 2	0.15	< 5	< 10	147	< 5	3	8	68
TR11-06-101	225	< 3	< 5	0.06	27	214	< 2	0.14	< 5	< 10	133	< 5	3	8	55
TR11-06-102	188	< 3	< 5	0.02	22	249	5	0.14	< 5	< 10	109	< 5	3	8	47
TR11-06-103	204	< 3	< 5	0.02	23	242	< 2	0.14	< 5	< 10	124	< 5	3	8	55
TR11-06-104	241	< 3	< 5	0.03	30	187	< 2	0.14	< 5	< 10	132	< 5	3	8	62
TR11-06-105	245	5	< 5	0.08	26	216	< 2	0.14	< 5	< 10	134	< 5	3	8	56
TR11-06-106	135	< 3	< 5	0.03	17	322	< 2	0.10	< 5	< 10	85	< 5	3	11	31
TR11-06-107	164	< 3	< 5	0.04	20	234	< 2	0.12	< 5	< 10	104	< 5	2	8	39
TR11-06-108	175	< 3	< 5	0.04	22	247	< 2	0.13	11	< 10	109	< 5	2	7	43
TR11-06-109	175	< 3	< 5	0.04	21	278	< 2	0.13	< 5	< 10	111	< 5	2	8	42
TR11-06-110	187	< 3	< 5	0.04	23	263	< 2	0.12	< 5	< 10	113	< 5	2	8	48
TR11-06-111	199	< 3	< 5	0.05	25	249	< 2	0.14	< 5	< 10	122	< 5	3	8	51
TR11-06-112	227	< 3	< 5	0.06	28	236	< 2	0.14	< 5	< 10	135	< 5	3	8	55
TR11-06-113	215	< 3	< 5	0.06	27	214	< 2	0.13	< 5	< 10	127	< 5	3	9	52
TR11-06-114	317	< 3	< 5	0.05	35	131	< 2	0.16	< 5	< 10	159	< 5	3	20	69
TR11-06-115	352	< 3	< 5	0.05	41	100	11	0.21	< 5	< 10	178	< 5	5	11	75
TR11-06-116	257	< 3	< 5	0.04	27	177	< 2	0.13	< 5	< 10	112	< 5	3	11	60
TR11-06-117	287	< 3	< 5	0.03	30	145	6	0.12	< 5	< 10	121	< 5	3	9	70
TR11-06-118	281	< 3	< 5	0.04	31	151	< 2	0.12	< 5	< 10	124	< 5	3	10	68
TR11-06-119	281	< 3	< 5	0.03	31	138	< 2	0.15	< 5	< 10	142	< 5	3	9	67
TR11-06-120	261	< 3	< 5	0.05	31	188	< 2	0.15	< 5	< 10	153	< 5	3	8	65
TR11-06-121	241	< 3	< 5	0.07	31	191	< 2	0.13	< 5	< 10	149	< 5	3	8	63
TR11-06-122	354	< 3	< 5	0.17	43	196	< 2	0.16	< 5	< 10	200	< 5	4	10	58
TR11-06-123	428	< 3	< 5	0.17	54	105	< 2	0.27	6	< 10	328	< 5	5	13	84
TR11-06-124	340	< 3	< 5	0.13	47	207	5	0.18	< 5	< 10	213	< 5	5	11	51
TR11-06-125	400	< 3	< 5	0.14	42	133	< 2	0.24	< 5	< 10	268	< 5	4	12	88
TR11-06-126	408	7	< 5	0.16	44	96	< 2	0.22	< 5	< 10	241	< 5	4	11	82
TR11-06-127	369	< 3	< 5	0.17	35	161	< 2	0.21	< 5	< 10	211	< 5	4	10	76
TR11-06-128	337	3	< 5	0.04	31	179	2	0.14	< 5	< 10	155	< 5	3	8	67
TR11-06-129	369	< 3	< 5	0.06	33	165	< 2	0.23	< 5	< 10	214	< 5	4	11	68
TR11-06-130	101	11	< 5	1.39	14	262	< 2	0.31	< 5	< 10	134	< 5	15	45	89
TR11-06-131	347	< 3	< 5	0.07	30	172	< 2	0.15	< 5	< 10	153	< 5	3	11	60
TR11-06-132	309	< 3	< 5	0.03	30	179	< 2	0.15	< 5	< 10	146	< 5	3	11	63
TR11-06-133	314	< 3	< 5	0.05	33	168	< 2	0.16	< 5	< 10	157	< 5	3	12	64
TR11-06-134	290	< 3	< 5	0.02	31	183	2	0.17	< 5	< 10	153	< 5	3	11	56
TR11-06-135	284	< 3	< 5	0.02	30	191	< 2	0.16	< 5	< 10	148	< 5	3	10	55
TR11-06-136	283	< 3	< 5	0.02	32	212	< 2	0.17	< 5	< 10	160	< 5	3	12	50
TR11-06-137	269	< 3	< 5	< 0.01	29	181	< 2	0.18	< 5	< 10	147	< 5	4	21	45
TR11-06-138	294	< 3	< 5	0.02	31	192	3	0.16	< 5	< 10	149	< 5	4	16	53
TR11-06-139	248	< 3	< 5	0.04	39	231	< 2	0.24	< 5	< 10	175	< 5	6	12	43
TR11-06-140	379	< 3	< 5	0.03	35	146	< 2	0.13	< 5	< 10	149	< 5	3	9	62
TR11-06-141	7	< 3	< 5	0.02	< 4	145	< 2	< 0.01	< 5	< 10	7	< 5	< 1	< 5	15
TR11-06-142	121	248	< 5	0.23	15	242	4	0.30	< 5	< 10	104	< 5	13	39	322
TR11-06-143	33	12	< 5	0.05	12	247	3	0.22	< 5	< 10	76	< 5	14	46	55
TR11-06-144	389	4	< 5	0.02	36	138	< 2	0.13	< 5	< 10	148	< 5	3	10	66

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM

TR11-06-145	399	< 3	< 5	0.02	37	125	< 2	0.13	< 5	< 10	155	< 5	3	9	69
TR11-06-146	378	< 3	< 5	0.04	36	128	< 2	0.12	< 5	< 10	148	< 5	3	9	69
TR11-06-147	351	< 3	< 5	0.03	34	143	< 2	0.13	< 5	< 10	147	< 5	3	10	69
TR11-06-148	336	< 3	< 5	0.01	42	89	< 2	0.20	< 5	< 10	212	< 5	4	11	55
TR11-06-149	311	< 3	< 5	0.03	37	87	< 2	0.16	< 5	< 10	170	< 5	3	9	54
TR11-06-150	305	< 3	< 5	0.02	37	114	< 2	0.16	< 5	< 10	168	< 5	3	9	59
TR11-06-151	281	< 3	< 5	0.05	32	120	< 2	0.17	< 5	< 10	172	< 5	3	9	64
TR11-06-152	261	< 3	< 5	0.06	33	167	< 2	0.18	< 5	< 10	168	< 5	3	10	59
TR11-06-153	327	< 3	< 5	0.05	43	82	< 2	0.29	< 5	< 10	264	< 5	4	14	81
TR11-06-154	298	< 3	< 5	0.02	39	97	< 2	0.25	< 5	< 10	225	< 5	4	14	77
TR11-06-155	265	< 3	< 5	0.04	33	175	< 2	0.18	< 5	< 10	173	< 5	4	13	64
TR11-06-156	312	< 3	< 5	0.05	38	114	< 2	0.20	< 5	< 10	185	< 5	3	11	70
TR11-06-157	302	< 3	< 5	0.05	37	132	< 2	0.20	< 5	< 10	174	< 5	3	11	76
TR11-06-158	159	< 3	< 5	< 0.01	19	285	< 2	0.13	< 5	< 10	106	< 5	2	7	45
TR11-06-159	335	< 3	< 5	0.04	39	66	< 2	0.18	< 5	< 10	172	< 5	3	11	73
TR11-06-160	32	4	< 5	0.04	12	245	< 2	0.14	< 5	< 10	60	< 5	14	24	45
TR11-06-161	260	< 3	< 5	0.05	30	167	< 2	0.13	< 5	< 10	144	< 5	2	9	56
TR11-06-162	262	< 3	< 5	0.02	29	181	< 2	0.13	< 5	< 10	147	< 5	2	8	57
TR11-06-163	316	< 3	< 5	0.06	33	150	< 2	0.13	< 5	< 10	155	< 5	2	8	61
TR11-06-164	230	< 3	< 5	0.08	26	207	< 2	0.13	< 5	< 10	133	< 5	2	10	52
TR11-06-165	288	< 3	< 5	0.20	31	193	< 2	0.12	< 5	< 10	131	< 5	2	8	58
TR11-06-166	244	< 3	< 5	0.03	31	174	< 2	0.13	< 5	< 10	134	< 5	2	8	65
TR11-06-167	265	< 3	< 5	0.04	31	167	< 2	0.13	< 5	< 10	139	< 5	2	8	68
TR11-06-168	93	< 3	< 5	0.03	12	337	< 2	0.09	< 5	< 10	65	< 5	1	7	24
TR11-06-169	236	< 3	< 5	0.01	28	170	4	0.12	< 5	< 10	125	< 5	3	9	49
TR11-06-170	249	< 3	< 5	0.02	30	173	< 2	0.12	< 5	< 10	136	8	2	8	54
TR11-06-171	249	< 3	< 5	0.01	30	152	< 2	0.11	< 5	< 10	129	< 5	2	9	55
TR11-06-172	204	< 3	< 5	< 0.01	24	172	8	0.11	< 5	< 10	111	< 5	3	19	42
TR11-06-173	218	< 3	< 5	0.01	25	237	< 2	0.10	< 5	< 10	107	< 5	2	7	43
TR11-06-174	410	< 3	< 5	0.03	38	124	< 2	0.12	< 5	< 10	151	< 5	3	9	70
TR11-06-175	372	< 3	< 5	0.03	36	137	< 2	0.12	< 5	< 10	145	< 5	2	9	71
TR11-06-176	413	< 3	< 5	0.07	40	113	< 2	0.13	< 5	< 10	160	< 5	3	9	79
TR11-06-177	372	< 3	< 5	0.04	40	92	< 2	0.13	< 5	< 10	161	< 5	3	8	81
TR11-06-178	373	< 3	< 5	0.04	39	107	< 2	0.13	< 5	< 10	161	< 5	3	8	73
TR11-06-179	426	< 3	< 5	0.04	40	100	< 2	0.13	< 5	< 10	160	< 5	3	8	71
TR11-06-180	< 1	< 3	< 5	0.01	< 4	143	< 2	< 0.01	< 5	< 10	7	< 5	< 1	< 5	16
TR11-06-181	374	< 3	< 5	0.05	42	65	< 2	0.14	< 5	< 10	166	< 5	3	8	76
TR11-06-182	352	< 3	< 5	0.05	40	36	< 2	0.14	< 5	< 10	163	< 5	3	10	78
TR11-06-183	176	< 3	< 5	0.08	34	211	< 2	0.29	< 5	< 10	157	< 5	10	49	79
TR11-06-184	59	< 3	< 5	0.09	31	288	< 2	0.30	< 5	< 10	122	< 5	18	53	83
TR11-06-185	368	< 3	< 5	0.04	34	96	< 2	0.13	< 5	< 10	143	< 5	3	14	69
TR11-06-186	217	< 3	< 5	0.04	19	225	< 2	0.09	< 5	< 10	82	< 5	2	7	28
TR11-06-187	341	< 3	< 5	0.10	19	231	< 2	0.10	< 5	< 10	86	< 5	2	6	29
TR11-06-188	197	< 3	< 5	0.01	18	230	< 2	0.09	< 5	< 10	83	< 5	2	6	23
TR11-06-189	193	< 3	< 5	0.01	18	231	< 2	0.09	< 5	< 10	84	< 5	2	7	29
TR11-06-190	191	< 3	< 5	< 0.01	14	201	6	0.08	< 5	< 10	81	< 5	1	6	28
TR11-06-191	196	< 3	< 5	< 0.01	19	210	3	0.08	< 5	< 10	83	< 5	2	7	32
TR11-06-192	201	< 3	< 5	< 0.01	19	213	< 2	0.09	< 5	< 10	85	< 5	2	8	27

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM	Nov 7 2011 10:57AM	Oct 27 2011 3:04PM

TR11-06-193	212	< 3	< 5	< 0.01	20	207	< 2	0.09	< 5	< 10	90	< 5	2	8	35
TR11-06-194	202	< 3	< 5	< 0.01	21	261	< 2	0.10	< 5	< 10	95	< 5	2	7	32
TR11-06-195	215	< 3	< 5	< 0.01	22	242	< 2	0.10	< 5	< 10	99	< 5	2	8	34
TR11-06-196	204	< 3	< 5	< 0.01	22	223	< 2	0.09	< 5	< 10	93	< 5	2	8	33
TR11-06-197	179	< 3	< 5	< 0.01	20	259	< 2	0.09	< 5	< 10	83	< 5	2	12	32
TR11-06-198	188	< 3	< 5	0.05	27	241	< 2	0.21	< 5	< 10	119	6	5	32	55
TR11-06-199	161	< 3	< 5	0.09	18	248	< 2	0.24	< 5	< 10	107	< 5	6	49	47
TR11-06-200	100	9	5	1.31	13	258	< 2	0.31	< 5	< 10	140	< 5	13	46	86
TR11-06-201	189	< 3	< 5	0.05	20	205	< 2	0.09	< 5	< 10	85	< 5	2	7	37
TR11-06-202	216	< 3	< 5	0.05	21	227	< 2	0.09	< 5	< 10	89	6	2	7	41
TR11-06-203	201	< 3	< 5	0.05	21	215	< 2	0.09	< 5	< 10	87	5	2	9	33
TR11-06-204	222	< 3	< 5	< 0.01	23	226	< 2	0.09	< 5	< 10	96	< 5	2	8	34
TR11-06-205	76	5	< 5	0.02	8	548	< 2	0.12	< 5	< 10	43	< 5	3	53	33
TR11-06-206	194	< 3	< 5	0.02	20	265	< 2	0.10	< 5	< 10	87	< 5	2	17	35
TR11-06-207	205	< 3	< 5	0.01	21	224	3	0.10	< 5	< 10	92	< 5	2	12	32
TR11-06-208	209	< 3	< 5	< 0.01	17	197	< 2	0.09	< 5	< 10	92	< 5	2	8	37
TR11-06-209	213	< 3	< 5	0.03	22	204	< 2	0.09	< 5	< 10	95	< 5	2	7	32
TR11-06-210	212	< 3	< 5	0.02	22	211	< 2	0.09	< 5	< 10	93	< 5	2	7	37
TR11-06-211	5	< 3	< 5	0.01	< 4	135	< 2	< 0.01	< 5	< 10	6	< 5	< 1	< 5	12
TR11-06-212	131	268	< 5	0.23	16	259	< 2	0.29	< 5	< 10	103	< 5	14	35	359
TR11-06-213	32	8	< 5	0.05	13	257	7	0.21	< 5	< 10	68	< 5	14	33	49
TR11-06-214	202	< 3	< 5	0.02	21	234	< 2	0.09	< 5	< 10	92	< 5	2	7	30
TR11-06-215	212	< 3	< 5	0.03	22	224	< 2	0.09	< 5	< 10	97	< 5	2	7	32
TR11-06-216	229	< 3	< 5	0.02	24	216	< 2	0.10	< 5	< 10	105	< 5	2	8	32
TR11-06-217	228	< 3	< 5	0.02	24	211	< 2	0.10	< 5	< 10	103	< 5	2	8	37
TR11-06-218	209	< 3	< 5	< 0.01	19	208	< 2	0.09	< 5	< 10	97	< 5	2	7	36
TR11-06-219	154	< 3	< 5	< 0.01	15	252	4	0.08	< 5	< 10	73	< 5	2	7	23
TR11-06-220	209	< 3	< 5	0.01	21	221	< 2	0.10	7	< 10	98	< 5	2	7	35
TR11-06-221	219	< 3	< 5	< 0.01	21	226	< 2	0.10	< 5	< 10	98	< 5	2	8	36
TR11-06-222	227	< 3	< 5	< 0.01	23	220	< 2	0.11	6	< 10	105	< 5	2	9	35
TR11-06-223	216	< 3	< 5	0.01	22	218	< 2	0.10	< 5	< 10	99	< 5	2	8	31
TR11-06-224	225	< 3	< 5	< 0.01	23	219	< 2	0.10	< 5	< 10	101	< 5	2	8	33
TR11-06-225	228	< 3	< 5	0.01	23	203	< 2	0.10	< 5	< 10	104	< 5	2	8	34
TR11-06-226	218	< 3	< 5	0.02	22	220	< 2	0.11	< 5	< 10	100	< 5	2	7	32
TR11-06-227	223	< 3	< 5	0.03	23	220	< 2	0.11	< 5	< 10	104	< 5	2	7	33
TR11-06-228	207	< 3	< 5	0.02	21	225	< 2	0.10	< 5	< 10	97	< 5	2	8	31
TR11-06-229	211	< 3	< 5	< 0.01	20	215	< 2	0.10	< 5	< 10	98	< 5	2	7	34
TR11-06-230	36	< 3	< 5	0.04	13	245	< 2	0.27	< 5	< 10	87	< 5	13	22	42
TR11-06-231	198	< 3	< 5	0.02	21	240	< 2	0.10	< 5	< 10	94	< 5	2	7	38
TR11-06-232	205	< 3	< 5	< 0.01	21	242	< 2	0.10	< 5	< 10	94	< 5	2	7	31

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Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des lles Mine	1C-Exp ICPOES- Tbay-Lac Des lles Mine	1C-Exp ICPOES- Tbay-Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	
Date Analyzed	2011-11- 03 09:32:26	2011-11- 03 09:32:26	2011-11- 03 09:32:26	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	

PD1 LABSTD	519	579	434																					
PD1 LABSTD	534	541	419																					
PD1 LABSTD	521	532	415																					
PD1 LABSTD	512	549	411																					
PD1 LABSTD	524	557	447																					
PD1 LABSTD	515	551	432																					
PD1 LABSTD	501	580	443																					
PK2 LABSTD	4920	5670	4690																					
PK2 LABSTD	5290	6040	4680																					
PK2 LABSTD	5100	6070	4690																					
PK2 LABSTD	5260	6070	4900																					
PK2 LABSTD	5070	6030	4680																					
TR11-06-010 Replicate Original	< 2	133	7																					
TR11-06-010 LABDUP	< 2	144	< 5																					
TR11-06-012 Replicate Original	< 2	116	< 5																					
TR11-06-012 LABDUP	< 2	122	< 5																					
TR11-06-013 Replicate Original				< 0.3	6.15	< 3	203	< 1	5	6.56	< 0.3	34	77	26	4.47	22	< 1	0.72	30	3.40	797	< 1	2.22	0.003
TR11-06-013 LABDUP				0.3	6.18	5	207	< 1	4	6.68	< 0.3	35	68	26	4.59	20	< 1	0.73	31	3.47	807	< 1	2.26	0.004
TR11-06-021 Replicate Original	< 2	69	< 5																					
TR11-06-021 LABDUP	< 2	61	< 5																					
TR11-06-027 Replicate Original				< 0.3	5.03	< 3	127	< 1	2	6.03	0.4	53	121	29	6.64	18	< 1	0.50	23	4.89	1120	< 1	1.51	0.006
TR11-06-027 LABDUP				< 0.3	4.89	< 3	125	< 1	< 2	5.90	0.6	51	113	29	6.56	18	< 1	0.50	23	4.79	1120	< 1	1.50	0.005
TR11-06-031 Replicate Original	< 2	13	< 5																					
TR11-06-031 LABDUP	< 2	5	< 5																					
TR11-06-045 Replicate Original	< 2	33	< 5																					
TR11-06-045 LABDUP	< 2	41	< 5																					
TR11-06-048 Replicate Original				< 0.3	4.26	< 3	97	< 1	4	5.32	0.6	67	174	38	8.38	19	< 1	0.29	15	6.01	1410	< 1	1.57	0.005
TR11-06-048 LABDUP				< 0.3	4.01	< 3	92	< 1	< 2	5.06	0.5	64	237	35	7.90	18	< 1	0.28	14	5.68	1370	< 1	1.48	0.006
TR11-06-055 Replicate Original	< 2	44	< 5																					
TR11-06-055 LABDUP	< 2	51	< 5																					
TR11-06-062 Replicate Original				< 0.3	4.96	< 3	146	< 1	2	5.79	0.4	50	151	28	6.71	19	< 1	0.77	22	4.83	1110	< 1	1.88	0.004
TR11-06-062 LABDUP				< 0.3	4.92	< 3	144	< 1	< 2	5.74	0.6	50	117	27	6.62	19	< 1	0.77	22	4.78	1100	< 1	1.87	0.004
TR11-06-066 Replicate Original	< 2	49	< 5																					
TR11-06-066 LABDUP	< 2	47	< 5																					
TR11-06-080 Replicate Original	< 2	48	< 5																					
TR11-06-080 LABDUP	< 2	46	< 5																					
TR11-06-083 Replicate Original				< 0.3	5.13	< 3	68	< 1	< 2	6.45	0.6	55	109	23	6.91	18	< 1	0.20	10	4.80	1070	< 1	1.57	0.004
TR11-06-083 LABDUP				< 0.3	5.09	5	70	< 1	< 2	6.50	0.6	54	118	23	7.04	20	< 1	0.20	11	4.85	1090	< 1	1.58	0.004
TR11-06-091 Replicate Original	< 2	47	< 5																					
TR11-06-091 Split Original	< 2	46	< 5																					
TR11-06-091 LABDUP	< 2	45	< 5																					

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Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des lles Mine	1C-Exp ICPOES- Tbay-Lac Des lles Mine	1C-Exp ICPOES- Tbay-Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine	1F2-Tbay- Lac Des lles Mine
Date Analyzed	2011-11- 03 09:32:26	2011-11- 03 09:32:26	2011-11- 03 09:32:26	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02
TR11-06-091 LABPREP	< 2	29	< 5	< 0.3	6.01	3	191	< 1	< 2	6.80	0.3	40	73	36	5.02	22	3	0.77	22	3.48	893	< 1	1.83	0.004
TR11-06-097 Replicate Original				< 0.3	4.39	< 3	75	< 1	6	5.84	0.7	64	149	27	7.94	17	< 1	0.27	11	5.98	1290	< 1	1.24	0.003
TR11-06-097 LABDUP				< 0.3	4.31	< 3	73	< 1	2	5.65	0.5	62	235	28	7.67	16	< 1	0.27	11	5.75	1270	< 1	1.20	0.003
TR11-06-100 Split Original	< 2	27	8																					
TR11-06-100 LABPREP	3	16	10	< 0.3	4.29	5	62	< 1	< 2	5.78	0.9	72	226	27	8.27	19	3	0.16	7	6.28	1370	< 1	1.22	0.004
TR11-06-101 Replicate Original	< 2	42	< 5																					
TR11-06-101 LABDUP	< 2	41	< 5																					
TR11-06-115 Replicate Original	< 2	13	6																					
TR11-06-115 LABDUP	< 2	10	11																					
TR11-06-118 Replicate Original				< 0.3	4.10	3	77	< 1	2	5.56	0.6	63	259	43	7.74	15	< 1	0.28	18	6.51	1290	< 1	1.10	0.004
TR11-06-118 LABDUP				< 0.3	4.04	< 3	76	< 1	< 2	5.51	0.7	62	201	41	7.57	16	< 1	0.27	18	6.39	1240	< 1	1.09	0.004
TR11-06-120 Split Original	3	34	8																					
TR11-06-120 LABPREP	2	32	6	< 0.3	4.29	6	79	< 1	4	6.10	1.1	60	219	72	7.25	17	< 1	0.22	16	5.73	1280	< 1	1.22	0.003
TR11-06-125 Replicate Original	14	159	21																					
TR11-06-125 LABDUP	13	157	19																					
TR11-06-132 Replicate Original				< 0.3	4.38	7	64	< 1	6	5.82	0.5	62	238	45	7.50	16	< 1	0.20	5	6.39	1180	< 1	1.18	0.005
TR11-06-132 LABDUP				< 0.3	4.43	< 3	63	< 1	3	5.89	0.4	63	170	42	7.53	16	< 1	0.20	5	6.37	1210	< 1	1.19	0.005
TR11-06-136 Replicate Original	< 2	48	20																					
TR11-06-136 LABDUP	< 2	45	18																					
TR11-06-145 Replicate Original				< 0.3	3.15	< 3	44	< 1	4	4.78	1.0	84	349	22	9.09	15	4	0.10	4	8.48	1500	< 1	0.78	0.004
TR11-06-145 LABDUP				< 0.3	3.20	< 3	44	< 1	< 2	4.89	1.0	87	326	22	9.31	16	5	0.10	4	8.67	1540	< 1	0.78	0.004
TR11-06-150 Replicate Original	< 2	59	26																					
TR11-06-150 Split Original	< 2	56	26	< 0.3	3.18	7	92	< 1	4	4.87	0.8	79	426	20	9.21	16	< 1	0.36	18	8.01	1570	< 1	0.84	0.004
TR11-06-150 LABDUP	< 2	53	26																					
TR11-06-150 LABPREP	< 2	56	26	< 0.3	3.22	4	93	< 1	3	4.87	1.1	78	356	21	9.31	16	6	0.36	18	8.09	1600	< 1	0.85	0.003
TR11-06-159 Replicate Original				< 0.3	3.25	3	37	< 1	< 2	4.30	1.1	85	228	41	9.64	16	4	0.09	35	8.49	1540	< 1	0.81	0.005
TR11-06-159 LABDUP				< 0.3	3.29	< 3	38	< 1	5	4.34	0.6	88	328	43	9.67	16	3	0.10	35	8.53	1610	< 1	0.81	0.005
TR11-06-161 Replicate Original	< 2	92	15																					
TR11-06-161 LABDUP	< 2	97	20																					
TR11-06-171 Replicate Original	< 2	75	8																					
TR11-06-171 LABDUP	< 2	80	< 5																					
TR11-06-180 Replicate Original				< 0.3	0.12	< 3	253	< 1	< 2	17.7	< 0.3	3	164	2	0.42	< 1	< 1	0.02	5	11.9	473	< 1	0.03	0.004
TR11-06-180 Split Original	< 2	< 5	< 5	< 0.3	0.08	< 3	255	< 1	< 2	17.8	< 0.3	< 1	< 1	1	0.25	< 1	< 1	0.02	6	12.0	447	< 1	0.02	0.004
TR11-06-180 LABDUP				< 0.3	0.03	< 3	257	< 1	< 2	17.8	< 0.3	< 1	< 1	1	0.07	< 1	< 1	0.02	6	12.1	420	< 1	0.02	0.004
TR11-06-180 LABPREP	< 2	< 5	< 5	< 0.3	0.03	< 3	261	< 1	< 2	18.1	< 0.3	< 1	6	2	0.08	< 1	< 1	0.02	6	12.2	429	< 1	0.02	0.003
TR11-06-185 Replicate Original	7	224	16																					
TR11-06-185 LABDUP	5	219	15																					
TR11-06-194 Replicate Original				< 0.3	6.00	< 3	98	< 1	5	7.78	< 0.3	40	104	8	4.39	21	4	0.40	16	4.13	699	2	1.82	0.004

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Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-11- 03 09:32:26	2011-11- 03 09:32:26	2011-11- 03 09:32:26	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	
TR11-06-194 LABDUP				< 0.3	6.38	4	105	< 1	5	8.27	0.3	43	203	9	4.67	22	5	0.42	17	4.37	753	1	1.86	0.004
TR11-06-195 Replicate Original	< 2	57	5																					
TR11-06-195 LABDUP	< 2	66	9																					
TR11-06-201 Split Original	4	38	5	< 0.3	5.21	< 3	115	< 1	6	6.80	< 0.3	42	115	62	4.91	18	5	0.45	16	4.22	802	2	1.44	0.005
TR11-06-201 LABPREP	< 2	17	5	< 0.3	5.61	< 3	123	< 1	4	7.22	0.4	43	87	25	5.10	20	2	0.51	17	4.40	842	1	1.56	0.003
TR11-06-206 Replicate Original	< 2	22	< 5																					
TR11-06-206 LABDUP	< 2	24	< 5																					
TR11-06-210 Split Original	< 2	31	< 5	< 0.3	5.83	< 3	86	< 1	5	7.71	< 0.3	42	146	22	4.61	19	3	0.25	18	4.48	771	< 1	1.54	0.004
TR11-06-210 LABPREP	< 2	22	< 5	< 0.3	5.59	5	84	< 1	3	7.47	< 0.3	42	89	24	4.48	19	< 1	0.25	17	4.32	728	< 1	1.52	0.004
TR11-06-215 Replicate Original				< 0.3	5.86	6	86	< 1	5	7.71	< 0.3	43	91	28	4.74	21	3	0.22	19	4.51	774	< 1	1.57	0.004
TR11-06-215 LABDUP				< 0.3	6.01	8	89	< 1	6	7.83	< 0.3	45	87	30	4.81	19	2	0.23	19	4.60	774	< 1	1.61	0.004
TR11-06-220 Replicate Original	< 2	23	< 5																					
TR11-06-220 LABDUP	< 2	25	< 5																					
TR11-06-222 Replicate Original	< 2	26	< 5																					
TR11-06-222 LABDUP	< 2	25	< 5																					
TR11-06-229 Replicate Original				< 0.3	4.94	< 3	74	< 1	3	7.43	< 0.3	43	181	14	4.64	20	6	0.25	10	4.28	812	< 1	1.62	0.004
TR11-06-229 LABDUP				< 0.3	5.73	< 3	76	< 1	6	7.62	0.4	44	143	14	4.81	20	< 1	0.28	11	4.47	821	< 1	1.64	0.004
TR11-06-231 Replicate Original	< 2	19	7																					
TR11-06-231 LABDUP	< 2	22	5																					

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	

PD1 LABSTD																
PD1 LABSTD																
PD1 LABSTD																
PD1 LABSTD																
PD1 LABSTD																
PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
TR11-06-010 Replicate Original																
TR11-06-010 LABDUP																
TR11-06-012 Replicate Original																
TR11-06-012 LABDUP																
TR11-06-013 Replicate Original	135	< 3	< 5	0.03	18	333	3	0.12	< 5	< 10	111	< 5	2	5	37	
TR11-06-013 LABDUP	136	< 3	< 5	0.03	18	339	< 2	0.13	< 5	< 10	113	< 5	2	5	39	
TR11-06-021 Replicate Original																
TR11-06-021 LABDUP																
TR11-06-027 Replicate Original	220	< 3	< 5	0.04	27	230	< 2	0.15	< 5	< 10	146	< 5	3	10	56	
TR11-06-027 LABDUP	215	< 3	< 5	0.03	26	227	< 2	0.15	< 5	< 10	142	< 5	3	9	55	
TR11-06-031 Replicate Original																
TR11-06-031 LABDUP																
TR11-06-045 Replicate Original																
TR11-06-045 LABDUP																
TR11-06-048 Replicate Original	281	5	< 5	0.08	31	217	< 2	0.17	< 5	< 10	177	< 5	4	10	73	
TR11-06-048 LABDUP	270	< 3	< 5	0.08	30	202	< 2	0.17	< 5	< 10	168	< 5	4	9	72	
TR11-06-055 Replicate Original																
TR11-06-055 LABDUP																
TR11-06-062 Replicate Original	219	< 3	< 5	0.04	26	258	< 2	0.24	< 5	< 10	184	< 5	3	9	48	
TR11-06-062 LABDUP	218	4	< 5	0.04	26	257	5	0.23	< 5	< 10	182	< 5	3	9	48	
TR11-06-066 Replicate Original																
TR11-06-066 LABDUP																
TR11-06-080 Replicate Original																
TR11-06-080 LABDUP																
TR11-06-083 Replicate Original	212	< 3	< 5	0.07	25	235	< 2	0.17	< 5	< 10	162	< 5	2	8	50	
TR11-06-083 LABDUP	214	< 3	< 5	0.07	26	233	< 2	0.17	< 5	< 10	165	< 5	2	8	51	
TR11-06-091 Replicate Original																
TR11-06-091 Split Original																
TR11-06-091 LABDUP																
TR11-06-091 LABPREP	146	< 3	< 5	0.04	19	286	< 2	0.13	< 5	< 10	110	< 5	2	7	38	

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Quality Control

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine
Date Analyzed	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02	2011-10-27 15:04:02

TR11-06-097 Replicate Original	260	< 3	< 5	0.10	32	193	< 2	0.16	< 5	< 10	164	< 5	3	9	61
TR11-06-097 LABDUP	249	< 3	< 5	0.10	31	189	< 2	0.16	< 5	< 10	159	< 5	3	9	61
TR11-06-100 Split Original															
TR11-06-100 LABPREP	255	< 3	< 5	0.06	32	181	< 2	0.15	< 5	< 10	150	< 5	3	9	64
TR11-06-101 Replicate Original															
TR11-06-101 LABDUP															
TR11-06-115 Replicate Original															
TR11-06-115 LABDUP															
TR11-06-118 Replicate Original	283	< 3	< 5	0.04	31	152	< 2	0.12	< 5	< 10	124	< 5	4	10	74
TR11-06-118 LABDUP	279	< 3	5	0.04	31	149	3	0.13	< 5	< 10	123	< 5	3	10	62
TR11-06-120 Split Original															
TR11-06-120 LABPREP	245	< 3	< 5	0.05	31	178	< 2	0.15	< 5	< 10	145	< 5	3	8	58
TR11-06-125 Replicate Original															
TR11-06-125 LABDUP															
TR11-06-132 Replicate Original	308	< 3	< 5	0.02	30	179	4	0.14	< 5	< 10	146	< 5	3	11	67
TR11-06-132 LABDUP	310	< 3	< 5	0.03	29	179	< 2	0.15	< 5	< 10	146	< 5	3	10	59
TR11-06-136 Replicate Original															
TR11-06-136 LABDUP															
TR11-06-145 Replicate Original	394	< 3	< 5	0.02	36	124	< 2	0.12	< 5	< 10	152	< 5	3	9	67
TR11-06-145 LABDUP	404	3	< 5	0.02	37	126	< 2	0.13	< 5	< 10	158	< 5	3	9	70
TR11-06-150 Replicate Original															
TR11-06-150 Split Original	305	< 3	< 5	0.02	37	114	< 2	0.16	< 5	< 10	168	< 5	3	9	59
TR11-06-150 LABDUP															
TR11-06-150 LABPREP	311	< 3	< 5	0.02	37	119	< 2	0.16	< 5	< 10	167	< 5	3	9	59
TR11-06-159 Replicate Original	332	< 3	< 5	0.04	38	65	< 2	0.18	< 5	< 10	171	< 5	3	12	71
TR11-06-159 LABDUP	338	< 3	< 5	0.04	39	67	< 2	0.18	< 5	< 10	174	< 5	3	11	75
TR11-06-161 Replicate Original															
TR11-06-161 LABDUP															
TR11-06-171 Replicate Original															
TR11-06-171 LABDUP															
TR11-06-180 Replicate Original	13	< 3	< 5	0.01	< 4	142	< 2	0.01	< 5	< 10	10	< 5	< 1	< 5	18
TR11-06-180 Split Original	< 1	< 3	< 5	0.01	< 4	143	< 2	< 0.01	< 5	< 10	7	< 5	< 1	< 5	16
TR11-06-180 LABDUP	< 1	< 3	< 5	0.01	< 4	144	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	14
TR11-06-180 LABPREP	2	< 3	< 5	0.01	< 4	146	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	13
TR11-06-185 Replicate Original															
TR11-06-185 LABDUP															
TR11-06-194 Replicate Original	198	< 3	< 5	< 0.01	21	253	< 2	0.10	< 5	< 10	92	< 5	2	7	30
TR11-06-194 LABDUP	207	< 3	< 5	< 0.01	21	269	< 2	0.11	< 5	< 10	98	< 5	3	7	35
TR11-06-195 Replicate Original															

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	2011-10- 27 15:04:02	

TR11-06-195 LABDUP																
TR11-06-201 Split Original	189	< 3	< 5	0.05	20	205	< 2	0.09	< 5	< 10	85	< 5	2	7	37	
TR11-06-201 LABPREP	198	< 3	< 5	0.04	21	219	< 2	0.08	< 5	< 10	87	< 5	2	7	35	
TR11-06-206 Replicate Original																
TR11-06-206 LABDUP																
TR11-06-210 Split Original	212	< 3	< 5	0.02	22	211	< 2	0.09	< 5	< 10	93	< 5	2	7	37	
TR11-06-210 LABPREP	205	< 3	< 5	0.02	21	203	2	0.09	< 5	< 10	90	< 5	2	7	31	
TR11-06-215 Replicate Original	211	< 3	< 5	0.03	22	224	< 2	0.09	< 5	< 10	97	< 5	2	7	30	
TR11-06-215 LABDUP	213	< 3	< 5	0.03	23	225	< 2	0.09	< 5	< 10	98	< 5	2	7	33	
TR11-06-220 Replicate Original																
TR11-06-220 LABDUP																
TR11-06-222 Replicate Original																
TR11-06-222 LABDUP																
TR11-06-229 Replicate Original	210	< 3	< 5	< 0.01	18	209	< 2	0.10	< 5	< 10	96	< 5	2	7	33	
TR11-06-229 LABDUP	212	< 3	< 5	< 0.01	22	220	< 2	0.10	< 5	< 10	99	< 5	2	7	36	
TR11-06-231 Replicate Original																
TR11-06-231 LABDUP																



Date Submitted: 20-Oct-11
Invoice No.: A11-12178
Invoice Date: 16-Nov-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

2 Pulp samples and 95 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-12178

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

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+1 888 228 5227 FAX +1 905 648 9613
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Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 3 2011 9:31AM	Nov 3 2011 9:31AM	Nov 3 2011 9:31AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM
TR11-04-187	38	1010	135	< 0.3	4.12	< 3	100	< 1	< 2	7.56	< 0.3	51	96	226	5.49	20	< 1	0.22	13	3.87	849	< 1	1.68	0.004

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM
TR11-04-091	221	< 3	< 5	< 0.01	18	211	< 2	0.07	< 5	< 10	78	< 5	1	5	26
TR11-04-092	242	< 3	< 5	< 0.01	17	186	< 2	0.03	< 5	< 10	52	< 5	< 1	< 5	25
TR11-04-093	236	< 3	< 5	< 0.01	18	199	< 2	0.05	< 5	< 10	63	< 5	1	< 5	24
TR11-04-094	222	< 3	< 5	< 0.01	17	184	< 2	0.05	< 5	< 10	64	< 5	1	5	28
TR11-04-095	243	< 3	< 5	< 0.01	18	172	2	0.04	< 5	< 10	56	< 5	1	< 5	20
TR11-04-096	244	< 3	< 5	< 0.01	21	173	< 2	0.05	< 5	< 10	68	< 5	2	5	31
TR11-04-097	253	< 3	< 5	< 0.01	19	177	8	0.05	< 5	< 10	64	< 5	1	< 5	30
TR11-04-098	375	< 3	< 5	< 0.01	29	155	< 2	0.06	< 5	< 10	91	< 5	2	5	37
TR11-04-099	393	< 3	< 5	< 0.01	26	124	2	0.04	< 5	< 10	78	< 5	1	< 5	33
TR11-04-100	281	< 3	< 5	< 0.01	8	152	< 2	0.04	< 5	< 10	73	< 5	< 1	< 5	25
TR11-04-101	410	< 3	< 5	< 0.01	27	156	< 2	0.05	< 5	< 10	84	< 5	2	8	37
TR11-04-102	465	< 3	< 5	0.02	29	116	2	0.05	< 5	< 10	89	< 5	2	5	41
TR11-04-103	525	< 3	< 5	0.07	22	176	< 2	0.05	< 5	< 10	69	< 5	2	< 5	32
TR11-04-104	380	< 3	< 5	0.01	22	198	< 2	0.05	< 5	< 10	67	< 5	2	6	29
TR11-04-105	199	4	< 5	< 0.01	15	267	5	0.06	< 5	< 10	55	< 5	2	10	30
TR11-04-106	228	< 3	< 5	< 0.01	15	204	< 2	0.04	< 5	< 10	51	< 5	1	< 5	26
TR11-04-107	283	< 3	< 5	< 0.01	20	154	< 2	0.05	< 5	< 10	69	< 5	1	< 5	30
TR11-04-108	160	< 3	< 5	0.07	44	174	< 2	0.11	< 5	< 10	157	< 5	3	8	47
TR11-04-109	260	5	< 5	0.02	32	144	< 2	0.08	< 5	< 10	115	< 5	2	11	50
TR11-04-110	2	< 3	< 5	< 0.01	< 4	115	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	13
TR11-04-111	223	< 3	< 5	0.02	20	179	2	0.07	< 5	< 10	93	< 5	1	< 5	35
TR11-04-112	268	< 3	< 5	0.01	25	158	< 2	0.07	< 5	< 10	89	< 5	2	6	35
TR11-04-113	280	< 3	< 5	< 0.01	25	155	5	0.08	< 5	< 10	90	< 5	2	7	36
TR11-04-114	362	< 3	< 5	< 0.01	27	137	< 2	0.06	< 5	< 10	88	< 5	2	< 5	36
TR11-04-115	271	< 3	< 5	< 0.01	26	166	7	0.07	< 5	< 10	92	< 5	2	6	35
TR11-04-116	282	< 3	< 5	< 0.01	27	158	< 2	0.07	< 5	< 10	94	< 5	2	6	36
TR11-04-117	348	< 3	< 5	0.19	41	179	< 2	0.12	< 5	< 10	158	< 5	3	8	49
TR11-04-118	233	< 3	< 5	0.02	25	180	< 2	0.07	< 5	< 10	94	< 5	2	6	32
TR11-04-119	229	< 3	< 5	< 0.01	19	187	< 2	0.05	< 5	< 10	67	< 5	1	< 5	24
TR11-04-120	191	< 3	< 5	0.02	5	172	< 2	0.05	< 5	< 10	60	< 5	< 1	< 5	22
TR11-04-121	191	< 3	< 5	< 0.01	11	183	< 2	0.05	< 5	< 10	65	< 5	1	7	22
TR11-04-122	229	< 3	< 5	< 0.01	19	177	< 2	0.05	< 5	< 10	64	< 5	1	6	23
TR11-04-123	255	< 3	< 5	0.02	29	205	< 2	0.10	< 5	< 10	125	< 5	3	8	35
TR11-04-124	211	< 3	< 5	< 0.01	21	189	4	0.06	< 5	< 10	76	< 5	2	6	28
TR11-04-125	221	< 3	< 5	0.01	26	188	< 2	0.08	< 5	< 10	102	< 5	2	6	32
TR11-04-126	210	< 3	< 5	0.01	25	203	< 2	0.11	< 5	< 10	114	< 5	2	6	28
TR11-04-127	221	< 3	< 5	0.02	25	194	3	0.07	< 5	< 10	91	< 5	2	6	30
TR11-04-128	277	< 3	< 5	< 0.01	14	163	< 2	0.05	< 5	< 10	66	< 5	1	< 5	29
TR11-04-129	293	< 3	< 5	< 0.01	17	158	5	0.05	< 5	< 10	71	< 5	1	< 5	25
TR11-04-130	90	12	< 5	1.30	13	242	< 2	0.30	< 5	< 10	143	6	14	43	81
TR11-04-131	218	< 3	< 5	0.01	19	214	< 2	0.10	< 5	< 10	84	< 5	2	< 5	31
TR11-04-132	215	< 3	< 5	0.05	35	181	< 2	0.12	< 5	< 10	132	< 5	4	10	52
TR11-04-133	201	< 3	< 5	0.06	42	212	< 2	0.20	< 5	< 10	187	< 5	6	14	55
TR11-04-134	232	< 3	< 5	< 0.01	18	173	< 2	0.05	< 5	< 10	58	< 5	1	< 5	21
TR11-04-135	285	< 3	< 5	< 0.01	19	157	4	0.04	< 5	< 10	58	< 5	1	< 5	21
TR11-04-136	255	< 3	< 5	< 0.01	17	169	< 2	0.04	< 5	< 10	55	< 5	1	< 5	22
TR11-04-137	227	< 3	< 5	< 0.01	26	179	< 2	0.10	< 5	< 10	115	< 5	3	10	33
TR11-04-138	265	< 3	< 5	< 0.01	19	182	3	0.07	< 5	< 10	81	< 5	2	8	33

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM

TR11-04-139	218	< 3	< 5	< 0.01	11	204	4	0.05	< 5	< 10	56	< 5	1	10	21
TR11-04-140	315	< 3	< 5	< 0.01	20	155	< 2	0.04	< 5	< 10	60	< 5	1	< 5	25
TR11-04-141	237	< 3	< 5	< 0.01	15	204	2	0.04	< 5	< 10	56	< 5	1	7	26
TR11-04-142	245	< 3	< 5	< 0.01	22	192	< 2	0.13	< 5	< 10	125	< 5	3	12	32
TR11-04-143	170	< 3	< 5	< 0.01	13	256	< 2	0.08	< 5	< 10	126	< 5	2	9	24
TR11-04-144	264	< 3	< 5	< 0.01	16	273	< 2	0.09	< 5	< 10	138	< 5	2	8	31
TR11-04-145	322	< 3	< 5	< 0.01	19	152	< 2	0.03	< 5	< 10	57	< 5	< 1	< 5	23
TR11-04-146	243	< 3	< 5	0.01	23	168	5	0.05	< 5	< 10	79	< 5	2	< 5	32
TR11-04-147	454	< 3	< 5	0.04	30	150	< 2	0.06	5	< 10	101	< 5	2	6	35
TR11-04-148	266	< 3	< 5	0.02	30	158	< 2	0.08	< 5	< 10	112	< 5	2	6	40
TR11-04-149	260	< 3	< 5	< 0.01	13	162	< 2	0.04	< 5	< 10	61	< 5	< 1	6	32
TR11-04-150	295	4	< 5	< 0.01	17	155	< 2	0.03	< 5	< 10	57	< 5	< 1	< 5	29
TR11-04-151	201	< 3	< 5	< 0.01	23	231	< 2	0.07	< 5	< 10	90	< 5	2	7	35
TR11-04-152	302	< 3	< 5	0.05	29	199	< 2	0.07	< 5	< 10	101	< 5	2	6	44
TR11-04-153	267	< 3	< 5	0.10	30	209	5	0.10	< 5	< 10	130	< 5	3	6	43
TR11-04-154	239	< 3	< 5	< 0.01	19	198	< 2	0.05	< 5	< 10	71	< 5	2	6	23
TR11-04-155	235	< 3	< 5	< 0.01	20	198	< 2	0.06	< 5	< 10	81	< 5	2	6	28
TR11-04-156	192	< 3	< 5	0.02	25	245	< 2	0.14	< 5	< 10	144	< 5	3	8	38
TR11-04-157	192	< 3	< 5	< 0.01	17	227	2	0.06	< 5	< 10	79	< 5	2	7	32
TR11-04-158	222	< 3	< 5	0.01	17	213	2	0.08	< 5	< 10	102	< 5	2	6	36
TR11-04-159	238	< 3	< 5	< 0.01	22	169	< 2	0.06	< 5	< 10	75	< 5	2	6	24
TR11-04-160	28	5	< 5	0.04	12	240	7	0.30	< 5	< 10	93	16	14	45	43
TR11-04-161	224	< 3	< 5	< 0.01	17	173	< 2	0.04	< 5	< 10	54	< 5	1	5	21
TR11-04-162	237	< 3	< 5	< 0.01	17	178	6	0.05	< 5	< 10	58	< 5	1	< 5	21
TR11-04-163	179	< 3	< 5	0.07	25	230	< 2	0.12	< 5	< 10	112	< 5	3	7	29
TR11-04-164	226	< 3	< 5	< 0.01	18	185	< 2	0.05	< 5	< 10	58	< 5	1	5	20
TR11-04-165	258	< 3	< 5	< 0.01	18	162	< 2	0.03	< 5	< 10	57	< 5	1	< 5	20
TR11-04-166	251	< 3	< 5	< 0.01	17	174	< 2	0.03	< 5	< 10	53	< 5	1	< 5	21
TR11-04-167	257	< 3	< 5	< 0.01	10	152	< 2	0.04	< 5	< 10	59	< 5	< 1	< 5	23
TR11-04-168	256	< 3	< 5	< 0.01	20	158	< 2	0.07	< 5	< 10	98	< 5	2	8	27
TR11-04-169	226	< 3	< 5	< 0.01	19	179	< 2	0.05	< 5	< 10	70	< 5	1	< 5	24
TR11-04-170	321	< 3	< 5	< 0.01	26	148	< 2	0.06	< 5	< 10	90	< 5	2	6	31
TR11-04-171	273	< 3	< 5	< 0.01	21	162	8	0.05	< 5	< 10	69	< 5	1	5	22
TR11-04-172	231	< 3	< 5	< 0.01	19	193	< 2	0.04	< 5	< 10	59	< 5	1	< 5	22
TR11-04-173	244	< 3	< 5	0.01	20	198	< 2	0.05	< 5	< 10	67	< 5	2	< 5	33
TR11-04-174	219	< 3	< 5	0.03	29	223	< 2	0.09	< 5	< 10	117	< 5	3	6	42
TR11-04-175	208	< 3	< 5	0.01	17	218	3	0.07	< 5	< 10	61	< 5	2	< 5	26
TR11-04-176	489	< 3	< 5	0.12	22	211	< 2	0.06	< 5	< 10	77	< 5	2	5	31
TR11-04-177	198	11	< 5	< 0.01	7	188	< 2	0.04	< 5	< 10	49	< 5	< 1	7	25
TR11-04-178	223	< 3	< 5	< 0.01	15	201	< 2	0.04	< 5	< 10	52	< 5	1	5	24
TR11-04-179	249	< 3	< 5	< 0.01	19	193	3	0.04	< 5	< 10	55	< 5	1	< 5	27
TR11-04-180	3	< 3	< 5	< 0.01	< 4	118	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	14
TR11-04-181	284	< 3	< 5	< 0.01	19	198	< 2	0.04	< 5	< 10	59	< 5	1	< 5	26
TR11-04-182	261	< 3	< 5	< 0.01	19	194	< 2	0.04	< 5	< 10	58	< 5	2	6	28
TR11-04-183	272	< 3	< 5	< 0.01	20	189	12	0.05	< 5	< 10	63	< 5	2	8	28
TR11-04-184	277	< 3	< 5	< 0.01	20	184	2	0.04	< 5	< 10	59	< 5	1	8	23
TR11-04-185	266	< 3	< 5	0.02	25	190	< 2	0.08	< 5	< 10	99	< 5	2	6	33
TR11-04-186	275	< 3	< 5	< 0.01	24	200	< 2	0.07	< 5	< 10	84	< 5	3	8	27

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM

TR11-04-187	261	< 3	< 5	0.09	21	238	4	0.12	< 5	< 10	149	< 5	3	6	36
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Activation Laboratories Ltd. Report: A11-12178 rev 1

Quality Control																									
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P	
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-11-03 09:31:39	2011-11-03 09:31:39	2011-11-03 09:31:39	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17
TR11-04-187 Replicate Original				< 0.3	4.44	< 3	104	< 1	< 2	7.84	0.6	53	79	235	5.70	20	3	0.23	14	4.03	874	< 1	1.72	0.004	
TR11-04-187 LABDUP				< 0.3	3.80	3	96	< 1	< 2	7.29	< 0.3	49	113	217	5.28	19	< 1	0.20	12	3.71	823	< 1	1.64	0.004	

Quality Control

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	

PD1 LABSTD

PD1 LABSTD

TR11-04-100 Replicate

Original

TR11-04-100 LABDUP

Original

TR11-04-103 Replicate

Original

TR11-04-103 LABDUP

Original

TR11-04-110 Replicate

Original

TR11-04-110 LABDUP

Original

TR11-04-117 Replicate

Original

TR11-04-117 LABDUP

Original

TR11-04-120 Split

Original

TR11-04-120 LABPREP

Original

TR11-04-121 Replicate

Original

TR11-04-121 LABDUP

Original

TR11-04-135 Replicate

Original

TR11-04-135 LABDUP

Original

TR11-04-138 Replicate

Original

TR11-04-138 LABDUP

Original

TR11-04-140 Split

Original

TR11-04-140 LABPREP

Original

TR11-04-145 Replicate

Original

TR11-04-145 LABDUP

Original

TR11-04-150 Split

Original

TR11-04-150 LABPREP

Original

TR11-04-152 Replicate

Original

TR11-04-152 LABDUP

Original

TR11-04-156 Replicate

Original

TR11-04-156 LABDUP

Original

TR11-04-170 Replicate

Original

TR11-04-170 LABDUP

Original

TR11-04-173 Replicate

Original

TR11-04-173 LABDUP

Original

TR11-04-180 Replicate

Original

TR11-04-180 Split

Original

TR11-04-180 LABDUP

Original

TR11-04-180 LABPREP

Original

TR11-04-184 Replicate

Original

TR11-04-184 LABDUP

Original

TR11-04-187 Replicate

Original

TR11-04-187 LABDUP

Original

TR11-04-187 LABDUP

Quality Analysis ...



Innovative Technologies

Date Submitted: 20-Oct-11
Invoice No.: A11-12219
Invoice Date: 11-Nov-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

3 Pulp samples and 45 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-12219

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

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TM

Activation Laboratories Ltd. Report: A11-12219

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM	Nov 8 2011 10:43AM
TR11-05-001	1	< 3	< 5	< 0.01	< 4	131	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	14
TR11-05-002	124	258	< 5	0.25	16	257	< 2	0.29	< 5	< 10	108	< 5	15	34	364
TR11-05-003	30	5	< 5	0.05	12	250	5	0.22	< 5	< 10	80	< 5	15	38	43
TR11-05-004	329	< 3	< 5	0.01	27	237	< 2	0.05	< 5	< 10	83	< 5	2	10	47
TR11-05-005	374	3	< 5	0.10	33	239	< 2	0.13	< 5	< 10	143	< 5	3	8	55
TR11-05-006	312	< 3	< 5	0.05	37	329	< 2	0.17	< 5	< 10	186	< 5	3	9	48
TR11-05-007	505	< 3	< 5	< 0.01	33	159	4	0.07	< 5	< 10	94	< 5	4	15	58
TR11-05-008	274	< 3	< 5	< 0.01	39	382	11	0.08	< 5	< 10	139	< 5	4	6	50
TR11-05-009	230	3	< 5	< 0.01	37	225	< 2	0.09	< 5	< 10	132	< 5	4	6	51
TR11-05-010	122	< 3	< 5	< 0.01	10	490	< 2	0.03	< 5	< 10	41	< 5	1	< 5	27
TR11-05-011	82	< 3	< 5	< 0.01	8	154	< 2	0.04	< 5	< 10	30	< 5	2	10	20
TR11-05-012	440	< 3	< 5	0.02	40	176	< 2	0.07	< 5	< 10	113	< 5	3	9	57
TR11-05-013	420	< 3	< 5	0.03	40	166	< 2	0.07	< 5	< 10	109	< 5	4	14	60
TR11-05-014	293	< 3	< 5	0.02	26	266	< 2	0.05	< 5	< 10	88	< 5	2	6	51
TR11-05-015	344	< 3	< 5	0.02	28	245	< 2	0.05	< 5	< 10	81	< 5	2	8	59
TR11-05-016	328	4	< 5	0.02	24	257	2	0.05	< 5	< 10	72	< 5	2	7	56
TR11-05-017	322	< 3	< 5	0.01	31	268	3	0.05	< 5	< 10	87	< 5	3	7	51
TR11-05-018	353	5	< 5	0.06	29	283	< 2	0.05	< 5	< 10	83	< 5	2	5	46
TR11-05-019	351	4	< 5	0.12	27	260	3	0.06	< 5	< 10	95	< 5	2	< 5	40
TR11-05-020	30	< 3	< 5	0.05	12	242	5	0.27	< 5	< 10	88	6	14	20	44
TR11-05-021	449	< 3	< 5	0.08	29	210	< 2	0.06	< 5	< 10	98	< 5	2	< 5	46
TR11-05-022	198	4	< 5	< 0.01	33	192	4	0.13	5	< 10	137	< 5	4	12	33
TR11-05-023	253	< 3	< 5	< 0.01	37	125	< 2	0.12	< 5	< 10	138	< 5	3	9	43
TR11-05-024	303	< 3	< 5	< 0.01	20	116	< 2	0.06	< 5	< 10	81	< 5	3	7	49
TR11-05-025	242	< 3	< 5	< 0.01	36	331	< 2	0.09	< 5	< 10	131	7	3	5	49
TR11-05-026	235	< 3	< 5	0.03	31	175	< 2	0.11	< 5	< 10	121	< 5	3	9	40
TR11-05-027	241	< 3	< 5	< 0.01	31	353	< 2	0.09	< 5	< 10	108	< 5	3	5	39
TR11-05-028	216	< 3	< 5	< 0.01	31	125	< 2	0.09	< 5	< 10	107	< 5	4	15	29
TR11-05-029	27	< 3	< 5	0.12	11	337	< 2	0.14	< 5	< 10	58	< 5	1	16	42
TR11-05-030	22	< 3	< 5	0.12	7	340	< 2	0.15	< 5	< 10	52	< 5	1	11	38
TR11-05-031	38	< 3	< 5	0.11	10	371	< 2	0.13	< 5	< 10	54	< 5	2	10	56
TR11-05-032	20	< 3	< 5	0.02	< 4	402	< 2	0.09	< 5	< 10	30	84	< 1	7	33
TR11-05-033	71	5	< 5	0.09	12	449	< 2	0.15	< 5	< 10	109	< 5	2	9	55
TR11-05-034	45	< 3	< 5	0.06	5	381	2	0.09	< 5	< 10	77	6	< 1	< 5	29
TR11-05-035	136	3	< 5	0.12	26	314	< 2	0.30	< 5	< 10	266	< 5	5	25	68
TR11-05-036	78	< 3	< 5	0.09	21	341	3	0.38	< 5	< 10	163	< 5	7	14	77
TR11-05-037	13	< 3	< 5	0.06	< 4	351	< 2	0.15	< 5	< 10	43	< 5	< 1	11	33
TR11-05-038	31	< 3	< 5	0.05	6	343	< 2	0.12	< 5	< 10	74	< 5	1	9	39
TR11-05-039	133	3	< 5	0.10	7	742	3	0.07	< 5	< 10	43	< 5	1	6	46
TR11-05-040	1	< 3	< 5	0.01	< 4	148	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	18
TR11-05-041	25	< 3	< 5	0.20	< 4	713	< 2	0.08	< 5	< 10	35	< 5	< 1	< 5	32
TR11-05-042	12	< 3	< 5	0.06	< 4	563	< 2	0.12	< 5	< 10	36	< 5	< 1	6	25
TR11-05-043	377	< 3	< 5	0.04	22	343	< 2	0.05	< 5	< 10	61	< 5	3	7	59
TR11-05-044	118	< 3	< 5	0.01	17	485	6	0.11	< 5	< 10	89	< 5	2	6	51
TR11-05-045	131	< 3	< 5	0.03	7	425	< 2	0.18	< 5	< 10	74	< 5	2	8	58
TR11-05-046	126	< 3	< 5	0.07	13	534	4	0.17	< 5	< 10	174	< 5	2	5	49
TR11-05-047	356	< 3	< 5	0.04	16	409	< 2	0.08	< 5	< 10	57	< 5	2	9	70
TR11-05-048	201	< 3	< 5	0.02	12	540	< 2	0.05	< 5	< 10	40	< 5	2	< 5	55

Activation Laboratories Ltd. Report: A11-12219

Quality Control																										
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P		
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-11-03 14:50:28	2011-11-03 14:50:28	2011-11-03 14:50:28	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	

PD1 LABSTD	551	578	455																								
PK2 LABSTD	4810	5950	4810																								
PK2 LABSTD	5170	6220	4960																								
PK2 LABSTD	5130	6150	4850																								
TR11-05-006 Replicate Original				< 0.3	4.23	< 3	124	< 1	< 2	6.53	0.4	59	159	147	5.94	19	< 1	0.41	35	5.17	948	< 1	1.66	0.006			
TR11-05-006 LABDUP				< 0.3	4.27	7	125	< 1	< 2	6.52	0.4	58	114	148	5.96	19	3	0.41	35	5.15	948	< 1	1.67	0.006			
TR11-05-010 Replicate Original	< 2	< 5	< 5																								
TR11-05-010 LABDUP	< 2	< 5	< 5																								
TR11-05-020 Replicate Original				0.3	2.99	< 3	510	< 1	< 2	2.08	0.4	13	37	24	2.82	14	< 1	0.83	12	0.87	501	4	2.03	0.051			
TR11-05-020 LABDUP				< 0.3	2.92	4	506	< 1	< 2	2.06	< 0.3	12	39	24	2.77	14	< 1	0.82	12	0.85	506	2	1.99	0.050			
TR11-05-021 Replicate Original	18	117	52																								
TR11-05-021 LABDUP	18	116	48																								
TR11-05-030 Split Original	< 2	< 5	< 5	0.3	4.39	< 3	186	< 1	3	2.21	< 0.3	12	46	73	2.83	22	< 1	0.35	16	0.96	348	< 1	3.77	0.007			
TR11-05-030 LABPREP	4	< 5	< 5	< 0.3	4.55	< 3	192	< 1	< 2	2.28	< 0.3	12	41	74	2.91	23	< 1	0.36	16	0.99	341	< 1	3.88	0.007			
TR11-05-031 Replicate Original	< 2	< 5	< 5																								
TR11-05-031 LABDUP	< 2	< 5	< 5																								
TR11-05-033 Replicate Original				0.3	5.66	< 3	250	< 1	2	4.20	< 0.3	25	73	65	4.06	27	< 1	0.44	25	1.70	535	< 1	3.68	0.009			
TR11-05-033 LABDUP				< 0.3	5.69	< 3	251	< 1	4	4.22	< 0.3	25	76	65	4.05	27	< 1	0.45	24	1.71	537	< 1	3.65	0.009			
TR11-05-045 Replicate Original	< 2	< 5	< 5																								
TR11-05-045 LABDUP	< 2	< 5	< 5																								
TR11-05-047 Replicate Original				< 0.3	4.64	< 3	111	< 1	< 2	6.37	0.6	45	240	156	4.62	21	< 1	0.10	18	4.66	813	< 1	2.17	0.009			
TR11-05-047 LABDUP				< 0.3	4.64	4	112	< 1	3	6.42	< 0.3	47	231	152	4.68	22	< 1	0.11	18	4.67	810	< 1	2.21	0.009			

Activation Laboratories Ltd. Report: A11-12219

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine
Date Analyzed	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17	2011-11-08 10:43:17

PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
TR11-05-006 Replicate Original	311	< 3	< 5	0.05	37	329	< 2	0.17	< 5	< 10	186	< 5	3	9	48	
TR11-05-006 LABDUP	313	< 3	< 5	0.05	37	330	2	0.18	< 5	< 10	187	< 5	3	9	48	
TR11-05-010 Replicate Original																
TR11-05-010 LABDUP																
TR11-05-020 Replicate Original	29	< 3	< 5	0.04	12	244	5	0.28	< 5	< 10	91	6	14	17	44	
TR11-05-020 LABDUP	30	< 3	< 5	0.05	12	240	6	0.26	< 5	< 10	85	5	14	23	44	
TR11-05-021 Replicate Original																
TR11-05-021 LABDUP																
TR11-05-030 Split Original	22	< 3	< 5	0.12	7	340	< 2	0.15	< 5	< 10	52	< 5	1	11	38	
TR11-05-030 LABPREP	21	4	< 5	0.12	8	346	< 2	0.14	< 5	< 10	51	< 5	1	11	38	
TR11-05-031 Replicate Original																
TR11-05-031 LABDUP																
TR11-05-033 Replicate Original	70	5	< 5	0.09	12	453	5	0.15	< 5	< 10	110	< 5	2	9	54	
TR11-05-033 LABDUP	72	6	< 5	0.09	13	444	< 2	0.14	< 5	< 10	109	< 5	2	9	55	
TR11-05-045 Replicate Original																
TR11-05-045 LABDUP																
TR11-05-047 Replicate Original	355	< 3	< 5	0.04	16	408	< 2	0.08	< 5	< 10	57	< 5	2	9	67	
TR11-05-047 LABDUP	357	< 3	< 5	0.04	16	410	< 2	0.08	< 5	< 10	58	< 5	2	9	73	



Date Submitted: 15-Nov-11
Invoice No.: A11-13594
Invoice Date: 06-Dec-11
Your Reference: 05-001-25-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

6 Pulp samples and 73 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13594

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A11-13594

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P	
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Dec 2 2011 11:02AM	Dec 2 2011 11:02AM	Dec 2 2011 11:02AM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM
TR11-07-049	25	348	44	< 0.3	4.96	4	130	< 1	< 2	7.47	0.4	45	87	135	4.36	17	< 1	0.37	23	5.03	773	< 1	1.40	0.002	
TR11-07-050	6	71	19	< 0.3	5.40	7	125	< 1	< 2	7.25	< 0.3	40	105	39	3.94	14	< 1	0.35	25	5.47	727	< 1	1.15	0.003	
TR11-07-051	3	81	18	< 0.3	5.73	3	141	< 1	< 2	7.59	0.4	36	123	14	3.24	14	2	0.38	27	5.37	625	< 1	1.16	0.002	
TR11-07-052	3	75	14	< 0.3	5.58	< 3	143	< 1	< 2	7.17	< 0.3	37	112	14	3.47	14	< 1	0.41	31	5.58	660	< 1	1.29	0.002	
TR11-07-053	4	140	22	< 0.3	5.17	< 3	141	< 1	< 2	7.36	< 0.3	39	115	45	3.98	18	< 1	0.44	24	5.01	733	< 1	1.58	0.016	
TR11-07-054	7	51	16	< 0.3	3.45	3	67	< 1	< 2	7.41	< 0.3	54	76	112	5.59	18	< 1	0.16	14	4.54	1080	< 1	1.36	0.001	
TR11-07-055	28	55	8	0.4	4.00	8	49	< 1	< 2	7.70	0.5	89	104	465	8.75	19	< 1	0.13	18	5.37	1370	< 1	1.08	0.002	
TR11-07-056	27	59	11	0.5	2.98	< 3	32	< 1	2	7.75	0.4	89	122	457	11.5	19	< 1	0.13	12	5.66	1490	< 1	0.51	0.001	
TR11-07-057	12	21	6	< 0.3	3.87	5	47	< 1	7	7.56	0.4	71	80	224	8.45	18	< 1	0.18	17	5.18	1330	< 1	0.88	0.001	
TR11-07-058	8	77	14	< 0.3	4.27	< 3	85	< 1	< 2	7.80	0.4	52	49	139	5.39	16	< 1	0.29	16	5.50	983	< 1	1.42	0.002	
TR11-07-059	12	176	22	< 0.3	4.82	< 3	93	< 1	< 2	8.07	< 0.3	48	53	175	5.00	15	< 1	0.26	20	4.82	890	< 1	1.45	0.003	
TR11-07-060	1110	3240	767	< 0.3	6.17	7	30	< 1	< 2	9.83	0.4	32	168	246	4.49	16	< 1	0.08	2	3.61	609	9	1.07	0.003	
TR11-07-061	12	195	33	< 0.3	4.70	< 3	94	< 1	< 2	7.18	< 0.3	46	65	104	4.87	16	< 1	0.14	29	5.04	879	< 1	1.40	0.002	
TR11-07-062	3	61	12	1.5	4.79	< 3	95	< 1	< 2	7.71	< 0.3	48	57	86	5.42	18	< 1	0.15	20	4.99	983	< 1	1.64	0.002	
TR11-07-063	10	82	18	0.3	3.65	12	233	< 1	< 2	6.45	0.4	60	55	139	10.0	22	6	0.48	20	3.77	1200	< 1	1.72	0.054	
TR11-07-064	< 2	78	37	< 0.3	3.87	3	75	< 1	< 2	7.56	< 0.3	40	88	6	4.05	16	< 1	0.12	12	4.33	775	< 1	1.39	0.002	
TR11-07-065	< 2	81	19	< 0.3	4.99	5	61	< 1	< 2	6.76	< 0.3	46	183	7	4.33	14	< 1	0.15	18	5.91	769	< 1	1.16	0.002	
TR11-07-066	2	91	20	< 0.3	5.49	3	80	< 1	< 2	7.86	< 0.3	41	104	31	4.01	18	< 1	0.18	14	5.11	715	< 1	1.40	0.002	
TR11-07-067	3	69	25	< 0.3	5.28	5	61	< 1	< 2	7.46	< 0.3	46	83	31	4.30	15	< 1	0.14	15	5.78	780	< 1	1.28	0.002	
TR11-07-068	< 2	71	23	< 0.3	5.58	6	73	< 1	< 2	7.90	< 0.3	39	81	16	3.69	16	< 1	0.13	12	4.96	679	< 1	1.47	0.002	
TR11-07-069	2	73	21	< 0.3	6.14	5	51	< 1	< 2	8.50	< 0.3	37	74	24	3.53	15	1	0.13	14	5.01	676	< 1	1.30	0.002	
TR11-07-070	< 2	63	24	< 0.3	5.68	14	98	< 1	< 2	7.65	< 0.3	35	69	10	3.34	17	< 1	0.23	16	4.57	675	< 1	1.65	0.002	
TR11-07-071	2	< 5	< 5	< 0.3	0.05	3	47	< 1	< 2	19.0	< 0.3	< 1	4	2	0.09	< 1	< 1	0.02	6	12.0	406	< 1	0.03	0.005	
TR11-07-072	245	474	112	1.2	2.98	36	369	< 1	4	5.26	2.0	20	71	1720	4.70	21	< 1	1.74	15	1.61	688	33	1.65	0.090	
TR11-07-073	7	< 5	< 5	0.9	2.79	5	498	< 1	< 2	2.13	0.5	11	44	25	2.47	14	< 1	0.81	12	0.80	481	3	2.04	0.050	
TR11-07-074	< 2	116	34	< 0.3	5.25	< 3	73	< 1	< 2	6.92	< 0.3	42	113	8	3.88	16	< 1	0.15	16	5.56	753	< 1	1.38	0.003	
TR11-07-075	8	806	105	< 0.3	4.93	< 3	44	< 1	< 2	6.95	< 0.3	47	115	11	4.42	14	< 1	0.12	17	6.36	836	< 1	1.04	0.002	
TR11-07-076	2	151	52	< 0.3	4.94	10	71	< 1	< 2	6.36	< 0.3	47	117	6	4.75	16	< 1	0.23	17	6.12	925	< 1	1.02	0.003	
TR11-07-077	3	262	151	< 0.3	3.73	7	49	< 1	< 2	5.86	< 0.3	61	177	9	6.21	14	< 1	0.21	11	8.20	1140	< 1	0.67	0.003	
TR11-07-078	8	97	29	< 0.3	5.75	< 3	66	< 1	< 2	7.95	0.4	38	74	14	3.54	14	1	0.23	15	5.28	700	< 1	1.18	0.002	
TR11-07-079	< 2	167	42	< 0.3	4.93	< 3	51	< 1	< 2	6.88	< 0.3	48	111	15	4.60	13	1	0.21	13	6.33	931	< 1	0.88	0.003	

Activation Laboratories Ltd. Report: A11-13594

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM
TR11-07-001	3	< 3	< 5	< 0.01	< 4	134	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	14
TR11-07-002	106	11	< 5	1.45	14	271	16	0.33	< 5	< 10	147	8	15	47	84
TR11-07-003	27	< 3	< 5	0.05	12	256	3	0.12	< 5	< 10	53	< 5	14	30	40
TR11-07-004	134	9	< 5	0.14	56	250	3	0.22	< 5	< 10	371	8	4	7	51
TR11-07-005	122	5	< 5	0.19	37	203	6	0.24	< 5	< 10	398	< 5	3	7	41
TR11-07-006	108	6	< 5	0.40	58	232	6	0.26	< 5	< 10	387	< 5	4	8	43
TR11-07-007	121	6	< 5	0.36	56	238	< 2	0.26	< 5	< 10	389	< 5	4	7	43
TR11-07-008	138	5	< 5	0.30	55	260	4	0.20	< 5	< 10	320	< 5	4	8	43
TR11-07-009	126	< 3	10	0.23	57	238	< 2	0.24	< 5	< 10	340	12	4	9	43
TR11-07-010	170	< 3	< 5	0.12	56	288	< 2	0.18	6	< 10	275	< 5	4	7	43
TR11-07-011	205	< 3	< 5	0.06	56	280	2	0.13	< 5	< 10	229	< 5	4	7	44
TR11-07-012	216	< 3	< 5	0.03	45	290	< 2	0.11	< 5	< 10	201	< 5	3	8	42
TR11-07-013	193	< 3	< 5	0.03	45	310	< 2	0.08	< 5	< 10	163	< 5	3	9	45
TR11-07-014	176	< 3	< 5	0.02	41	318	< 2	0.11	< 5	< 10	169	< 5	3	15	43
TR11-07-015	131	4	< 5	0.13	43	234	6	0.25	< 5	< 10	271	< 5	4	9	46
TR11-07-016	110	< 3	< 5	0.10	47	165	< 2	0.21	< 5	< 10	226	< 5	4	8	41
TR11-07-017	122	< 3	< 5	0.09	51	239	< 2	0.23	< 5	< 10	247	< 5	5	9	44
TR11-07-018	124	< 3	< 5	< 0.01	55	231	6	0.24	< 5	< 10	256	< 5	5	10	42
TR11-07-019	130	< 3	< 5	< 0.01	56	206	6	0.22	< 5	< 10	233	< 5	5	9	36
TR11-07-020	28	< 3	< 5	0.04	13	254	< 2	0.19	< 5	< 10	72	< 5	15	31	40
TR11-07-021	159	4	< 5	0.04	52	270	< 2	0.15	< 5	< 10	221	< 5	4	9	46
TR11-07-022	147	5	< 5	0.12	54	275	< 2	0.19	< 5	< 10	248	< 5	4	8	46
TR11-07-023	138	< 3	< 5	0.16	54	234	< 2	0.23	< 5	< 10	259	< 5	5	9	47
TR11-07-024	126	< 3	< 5	0.15	55	206	6	0.27	< 5	< 10	268	< 5	6	14	49
TR11-07-025	133	< 3	< 5	0.19	60	204	< 2	0.25	< 5	< 10	288	< 5	5	11	51
TR11-07-026	145	5	< 5	0.10	65	162	< 2	0.21	< 5	< 10	249	< 5	5	10	49
TR11-07-027	173	5	< 5	0.05	43	196	< 2	0.17	< 5	< 10	215	< 5	3	7	47
TR11-07-028	255	< 3	< 5	0.03	25	168	6	0.09	< 5	< 10	105	< 5	2	< 5	34
TR11-07-029	369	4	< 5	0.06	34	108	< 2	0.41	< 5	< 10	224	< 5	15	29	71
TR11-07-030	246	< 3	< 5	< 0.01	18	207	< 2	0.04	< 5	< 10	60	< 5	1	< 5	28
TR11-07-031	252	< 3	< 5	< 0.01	18	269	< 2	0.04	< 5	< 10	56	< 5	1	14	31
TR11-07-032	457	< 3	< 5	< 0.01	22	185	< 2	0.05	< 5	< 10	61	< 5	2	9	60
TR11-07-033	264	< 3	< 5	< 0.01	18	271	2	0.05	< 5	< 10	56	< 5	1	17	31
TR11-07-034	292	< 3	< 5	< 0.01	19	223	< 2	0.04	< 5	< 10	58	< 5	1	6	33
TR11-07-035	297	< 3	< 5	< 0.01	19	193	2	0.04	< 5	< 10	56	< 5	1	5	29
TR11-07-036	348	< 3	< 5	< 0.01	26	162	< 2	0.06	< 5	< 10	77	< 5	2	7	37
TR11-07-037	378	< 3	< 5	0.16	27	187	4	0.11	< 5	< 10	134	< 5	2	< 5	44
TR11-07-038	229	< 3	< 5	0.02	19	252	< 2	0.04	< 5	< 10	62	< 5	1	< 5	31
TR11-07-039	302	< 3	< 5	< 0.01	19	230	< 2	0.04	< 5	< 10	58	< 5	1	7	32
TR11-07-040	2	< 3	< 5	< 0.01	< 4	128	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	14
TR11-07-041	392	< 3	5	< 0.01	22	164	< 2	0.04	< 5	< 10	67	< 5	1	< 5	36
TR11-07-042	348	< 3	< 5	< 0.01	20	206	< 2	0.04	< 5	< 10	61	< 5	2	5	36
TR11-07-043	304	< 3	< 5	< 0.01	18	225	< 2	0.04	< 5	< 10	55	< 5	1	< 5	32
TR11-07-044	244	< 3	< 5	0.01	12	195	3	0.04	< 5	< 10	68	< 5	< 1	< 5	27
TR11-07-045	246	< 3	< 5	0.02	21	230	< 2	0.05	< 5	< 10	67	< 5	1	< 5	31
TR11-07-046	272	< 3	< 5	0.01	17	293	< 2	0.03	< 5	< 10	52	< 5	1	< 5	33
TR11-07-047	352	< 3	< 5	0.02	27	254	< 2	0.06	< 5	< 10	81	< 5	2	8	43
TR11-07-048	254	< 3	< 5	0.03	19	227	< 2	0.05	< 5	< 10	69	< 5	1	< 5	30

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM	Nov 25 2011 2:49PM
TR11-07-049	270	< 3	< 5	0.09	29	243	2	0.09	< 5	< 10	109	< 5	2	7	32
TR11-07-050	291	< 3	< 5	0.02	21	174	6	0.06	< 5	< 10	74	< 5	1	< 5	30
TR11-07-051	283	< 3	< 5	< 0.01	18	191	< 2	0.04	< 5	< 10	53	< 5	1	< 5	25
TR11-07-052	293	< 3	< 5	< 0.01	18	206	< 2	0.04	< 5	< 10	57	< 5	1	< 5	26
TR11-07-053	264	< 3	6	0.06	22	358	9	0.10	< 5	< 10	81	< 5	3	20	30
TR11-07-054	252	5	< 5	0.10	25	275	10	0.10	< 5	< 10	132	< 5	3	5	50
TR11-07-055	301	9	< 5	0.91	51	231	16	0.32	< 5	< 10	232	< 5	5	7	71
TR11-07-056	262	13	< 5	0.57	64	238	19	0.40	< 5	< 10	414	< 5	7	9	77
TR11-07-057	235	14	< 5	0.23	50	275	< 2	0.27	< 5	< 10	265	< 5	5	7	76
TR11-07-058	289	< 3	< 5	0.03	43	228	17	0.10	< 5	< 10	145	5	3	8	44
TR11-07-059	249	< 3	< 5	0.06	36	224	3	0.12	< 5	< 10	137	< 5	3	9	38
TR11-07-060	549	8	< 5	0.08	11	102	2	0.06	< 5	< 10	51	< 5	2	5	42
TR11-07-061	262	< 3	< 5	0.02	29	219	< 2	0.07	< 5	< 10	104	< 5	2	7	44
TR11-07-062	277	< 3	< 5	0.08	32	286	< 2	0.08	< 5	< 10	118	< 5	3	8	48
TR11-07-063	148	5	< 5	0.14	30	340	19	0.21	< 5	< 10	107	< 5	16	23	78
TR11-07-064	225	< 3	< 5	< 0.01	14	218	< 2	0.05	< 5	< 10	76	< 5	< 1	< 5	27
TR11-07-065	301	< 3	< 5	< 0.01	22	167	< 2	0.05	< 5	< 10	70	< 5	1	< 5	31
TR11-07-066	260	< 3	< 5	< 0.01	22	213	4	0.07	< 5	< 10	82	< 5	2	< 5	25
TR11-07-067	283	< 3	< 5	0.01	24	191	< 2	0.08	< 5	< 10	93	< 5	2	< 5	30
TR11-07-068	251	< 3	< 5	< 0.01	19	269	< 2	0.05	< 5	< 10	63	< 5	1	< 5	28
TR11-07-069	261	< 3	< 5	< 0.01	19	204	< 2	0.05	< 5	< 10	62	< 5	1	< 5	26
TR11-07-070	231	< 3	< 5	< 0.01	17	293	< 2	0.04	< 5	< 10	53	< 5	1	< 5	29
TR11-07-071	6	13	< 5	< 0.01	< 4	116	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	24
TR11-07-072	99	9	< 5	1.36	10	246	5	0.32	< 5	< 10	138	5	11	43	81
TR11-07-073	27	< 3	< 5	0.05	12	242	5	0.30	< 5	< 10	86	21	14	59	40
TR11-07-074	289	< 3	< 5	< 0.01	20	268	< 2	0.04	< 5	< 10	60	< 5	1	< 5	34
TR11-07-075	332	< 3	< 5	< 0.01	23	156	< 2	0.05	< 5	< 10	73	< 5	1	< 5	34
TR11-07-076	317	< 3	< 5	< 0.01	25	172	< 2	0.05	< 5	< 10	76	< 5	2	7	45
TR11-07-077	414	4	< 5	< 0.01	29	110	< 2	0.07	< 5	< 10	95	< 5	2	7	50
TR11-07-078	277	< 3	< 5	< 0.01	19	203	6	0.04	< 5	< 10	60	< 5	1	< 5	27
TR11-07-079	330	< 3	< 5	< 0.01	21	151	< 2	0.05	< 5	< 10	69	< 5	2	< 5	38

Activation Laboratories Ltd. Report: A11-13594

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-12- 02 11:02:34	2011-12- 02 11:02:34	2011-12- 02 11:02:34	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42	2011-11- 25 14:49:42
PD1 LABSTD	516	553	445																					
PD1 LABSTD	519	561	452																					
PD1 LABSTD	519	546	420																					
PK2 LABSTD	5090	6080	4840																					
PK2 LABSTD	5040	6010	5000																					
PK2 LABSTD	5110	5990	5030																					
TR11-07-011 Replicate Original	2	19	< 5																					
TR11-07-011 LABDUP	3	19	< 5																					
TR11-07-012 Replicate Original				< 0.3	4.62	< 3	133	< 1	< 2	8.35	0.4	54	51	154	5.79	19	< 1	0.75	32	5.01	981	< 1	1.37	0.001
TR11-07-012 LABDUP				< 0.3	4.71	< 3	134	< 1	< 2	8.39	0.3	55	53	156	5.83	18	< 1	0.75	32	5.05	991	< 1	1.40	0.001
TR11-07-021 Replicate Original	< 2	7	< 5																					
TR11-07-021 LABDUP	3	< 5	< 5																					
TR11-07-026 Replicate Original				0.4	2.86	< 3	37	< 1	< 2	8.43	0.3	66	48	177	7.75	16	< 1	0.13	9	5.43	1370	< 1	0.94	0.002
TR11-07-026 LABDUP				< 0.3	3.19	3	39	< 1	< 2	8.80	0.4	69	54	189	8.11	15	< 1	0.15	10	5.70	1420	< 1	0.99	0.001
TR11-07-030 Split Original	< 2	69	21	< 0.3	5.70	< 3	83	< 1	< 2	8.14	0.4	37	78	10	3.59	15	< 1	0.17	14	4.85	645	< 1	1.37	0.001
TR11-07-030 LABPREP	< 2	69	29	< 0.3	5.75	< 3	82	< 1	< 2	7.99	< 0.3	37	68	10	3.54	15	< 1	0.17	14	4.74	634	< 1	1.37	0.002
TR11-07-032 Replicate Original	2	98	56																					
TR11-07-032 LABDUP	< 2	101	54																					
TR11-07-045 Replicate Original	16	1100	150																					
TR11-07-045 LABDUP	18	1150	149																					
TR11-07-047 Replicate Original				< 0.3	4.35	9	91	< 1	< 2	7.04	< 0.3	50	230	51	4.94	19	< 1	0.27	24	5.93	950	< 1	1.43	0.002
TR11-07-047 LABDUP				< 0.3	4.27	6	90	< 1	< 2	6.95	< 0.3	49	203	50	4.94	16	< 1	0.27	23	5.84	930	< 1	1.38	0.002
TR11-07-050 Split Original	6	71	19	< 0.3	5.40	7	125	< 1	< 2	7.25	< 0.3	40	105	39	3.94	14	< 1	0.35	25	5.47	727	< 1	1.15	0.003
TR11-07-050 LABPREP	4	80	17	0.3	5.54	< 3	132	< 1	< 2	7.33	< 0.3	38	103	38	3.63	14	1	0.37	25	5.26	677	< 1	1.15	0.002
TR11-07-055 Replicate Original	27	56	7																					
TR11-07-055 LABDUP	30	53	9																					
TR11-07-061 Replicate Original				< 0.3	4.75	3	96	< 1	< 2	7.26	< 0.3	46	63	104	4.91	16	< 1	0.15	29	5.08	887	< 1	1.42	0.002
TR11-07-061 Split Original	12	195	33	< 0.3	4.70	< 3	94	< 1	< 2	7.18	< 0.3	46	65	104	4.87	16	< 1	0.14	29	5.04	879	< 1	1.40	0.002
TR11-07-061 LABDUP				< 0.3	4.65	< 3	93	< 1	< 2	7.11	0.4	45	66	104	4.83	17	< 1	0.14	28	5.00	871	< 1	1.38	0.002
TR11-07-061 LABPREP	< 2	223	32	< 0.3	4.31	< 3	91	< 1	< 2	6.95	0.4	44	79	98	4.71	17	< 1	0.13	27	4.85	853	< 1	1.36	0.002
TR11-07-065 Replicate Original	< 2	83	19																					
TR11-07-065 LABDUP	< 2	79	20																					

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	2011-11-25 14:49:42	

PD1 LABSTD																
PD1 LABSTD																
PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
TR11-07-011 Replicate Original																
TR11-07-011 LABDUP																
TR11-07-012 Replicate Original	217	< 3	< 5	0.03	45	287	< 2	0.11	< 5	< 10	201	< 5	3	8	41	
TR11-07-012 LABDUP	215	3	< 5	0.03	46	292	5	0.11	< 5	< 10	201	< 5	3	8	44	
TR11-07-021 Replicate Original																
TR11-07-021 LABDUP																
TR11-07-026 Replicate Original	146	5	< 5	0.10	62	159	< 2	0.20	< 5	< 10	242	< 5	5	9	48	
TR11-07-026 LABDUP	144	5	< 5	0.10	68	164	6	0.21	< 5	< 10	255	< 5	6	10	50	
TR11-07-030 Split Original	246	< 3	< 5	< 0.01	18	207	< 2	0.04	< 5	< 10	60	< 5	1	< 5	28	
TR11-07-030 LABPREP	243	< 3	< 5	< 0.01	18	207	< 2	0.04	< 5	< 10	59	< 5	1	< 5	26	
TR11-07-032 Replicate Original																
TR11-07-032 LABDUP																
TR11-07-045 Replicate Original																
TR11-07-045 LABDUP																
TR11-07-047 Replicate Original	355	< 3	< 5	0.03	27	256	4	0.06	< 5	< 10	81	< 5	2	8	42	
TR11-07-047 LABDUP	349	4	< 5	0.02	27	252	< 2	0.06	< 5	< 10	81	< 5	2	8	44	
TR11-07-050 Split Original	291	< 3	< 5	0.02	21	174	6	0.06	< 5	< 10	74	< 5	1	< 5	30	
TR11-07-050 LABPREP	280	< 3	< 5	0.02	19	178	< 2	0.05	< 5	< 10	64	< 5	1	< 5	27	
TR11-07-055 Replicate Original																
TR11-07-055 LABDUP																
TR11-07-061 Replicate Original	266	< 3	< 5	0.02	30	222	< 2	0.07	< 5	< 10	105	< 5	2	7	45	
TR11-07-061 Split Original	262	< 3	< 5	0.02	29	219	< 2	0.07	< 5	< 10	104	< 5	2	7	44	
TR11-07-061 LABDUP	257	3	< 5	0.02	29	217	2	0.07	< 5	< 10	104	< 5	2	7	43	
TR11-07-061 LABPREP	255	< 3	< 5	0.02	27	211	4	0.07	< 5	< 10	101	< 5	2	6	44	
TR11-07-065 Replicate Original																
TR11-07-065 LABDUP																



Date Submitted: 15-Nov-11
Invoice No.: A11-13595
Invoice Date: 02-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

4 Pulp samples and 66 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13595

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A11-13595

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM
TR11-09-049	10	208	31	< 0.3	5.24	< 3	83	< 1	3	6.80	< 0.3	46	203	88	4.65	16	< 1	0.36	24	5.29	841	< 1	1.16	0.002
TR11-09-050	4	126	22	< 0.3	5.67	< 3	86	< 1	5	7.34	< 0.3	36	124	24	3.75	15	< 1	0.43	20	4.30	736	< 1	1.44	0.004
TR11-09-051	8	119	16	< 0.3	4.71	< 3	65	< 1	4	6.74	0.6	57	132	96	6.68	17	< 1	0.28	21	5.07	1070	< 1	1.18	0.009
TR11-09-052	4	98	13	< 0.3	5.88	4	78	< 1	5	7.75	< 0.3	35	180	22	3.21	15	< 1	0.36	20	4.83	614	< 1	1.22	0.002
TR11-09-053	2	105	13	< 0.3	5.55	< 3	84	< 1	4	7.71	< 0.3	36	85	16	3.60	15	< 1	0.39	18	4.70	697	< 1	1.34	0.003
TR11-09-054	19	693	123	< 0.3	5.57	< 3	65	< 1	5	9.52	< 0.3	37	51	104	3.54	17	< 1	0.34	14	3.79	688	< 1	1.26	0.002
TR11-09-055	13	1050	160	< 0.3	5.39	< 3	73	< 1	3	7.43	< 0.3	43	65	79	4.77	16	< 1	0.35	20	4.30	857	< 1	1.43	0.002
TR11-09-056	5	129	38	< 0.3	5.64	4	77	< 1	4	7.88	< 0.3	44	86	26	4.54	17	< 1	0.40	25	4.93	849	< 1	1.29	0.003
TR11-09-057	3	93	24	< 0.3	5.79	< 3	83	< 1	5	7.67	< 0.3	39	112	25	3.79	15	< 1	0.38	27	5.00	709	< 1	1.21	0.004
TR11-09-058	2	99	22	< 0.3	5.79	< 3	88	< 1	4	7.60	< 0.3	39	131	10	3.55	15	< 1	0.42	29	5.22	682	< 1	1.18	0.001
TR11-09-059	3	106	27	< 0.3	4.67	< 3	88	< 1	3	7.13	< 0.3	35	216	13	3.00	14	< 1	0.37	25	4.46	607	< 1	1.23	0.001
TR11-09-060	1180	3390	735	< 0.3	6.13	5	28	< 1	4	9.52	0.3	31	215	231	4.49	16	< 1	0.08	2	3.36	600	9	1.02	0.003
TR11-09-061	9	88	26	< 0.3	5.73	< 3	84	< 1	5	7.40	< 0.3	36	168	16	3.31	14	< 1	0.42	27	4.93	647	< 1	1.19	0.002
TR11-09-062	5	65	21	< 0.3	5.07	< 3	112	< 1	3	5.84	< 0.3	32	73	51	3.50	17	< 1	0.40	25	3.27	606	< 1	1.96	0.004
TR11-09-063	9	189	40	< 0.3	5.16	3	129	< 1	2	6.70	< 0.3	41	70	85	4.72	18	< 1	0.42	24	3.65	760	< 1	1.81	0.005
TR11-09-064	5	398	54	< 0.3	4.88	7	124	< 1	5	5.10	< 0.3	14	48	10	1.59	16	< 1	0.34	11	1.64	311	< 1	2.41	0.004
TR11-09-065	13	86	23	< 0.3	6.46	< 3	90	< 1	3	7.92	< 0.3	45	44	201	4.98	17	2	0.39	18	4.03	853	< 1	1.75	0.003
TR11-09-066	42	3540	433	< 0.3	5.08	< 3	73	< 1	2	7.61	0.9	51	47	199	6.60	19	1	0.29	21	4.09	1090	< 1	1.60	0.005
TR11-09-067	4	99	24	< 0.3	5.43	3	80	< 1	4	7.45	0.3	42	116	36	4.18	15	< 1	0.34	23	5.06	751	< 1	1.35	0.004
TR11-09-068	18	113	26	< 0.3	4.62	< 3	68	< 1	4	7.38	< 0.3	40	199	156	3.56	14	< 1	0.26	20	4.61	645	< 1	1.17	0.002
TR11-09-069	3	149	29	< 0.3	5.88	< 3	69	< 1	7	7.47	< 0.3	35	190	3	3.21	14	< 1	0.28	25	5.02	621	< 1	1.20	0.002
TR11-09-070	9	816	124	< 0.3	5.76	7	77	< 1	5	7.29	< 0.3	36	131	23	3.21	15	< 1	0.32	23	4.62	588	< 1	1.28	0.001

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM
TR11-09-001	2	< 3	< 5	< 0.01	< 4	154	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	15
TR11-09-002	101	12	< 5	1.31	13	254	< 2	0.30	< 5	< 10	141	6	14	46	86
TR11-09-003	27	4	< 5	0.04	12	244	3	0.28	< 5	< 10	87	18	14	45	39
TR11-09-004	240	< 3	< 5	0.05	35	186	5	0.17	< 5	< 10	152	< 5	7	33	48
TR11-09-005	234	< 3	< 5	0.04	38	168	< 2	0.09	< 5	< 10	145	< 5	4	8	33
TR11-09-006	193	< 3	< 5	0.07	31	197	6	0.25	< 5	< 10	205	9	3	8	48
TR11-09-007	143	< 3	< 5	0.13	37	212	5	0.38	< 5	< 10	298	< 5	6	8	64
TR11-09-008	268	< 3	< 5	0.02	26	189	< 2	0.05	< 5	< 10	87	< 5	2	< 5	32
TR11-09-009	253	< 3	< 5	0.01	23	171	< 2	0.04	6	< 10	64	< 5	1	< 5	26
TR11-09-010	329	< 3	< 5	0.01	21	151	3	0.04	< 5	< 10	68	< 5	1	< 5	31
TR11-09-011	310	< 3	< 5	0.03	29	162	< 2	0.06	< 5	< 10	99	< 5	2	5	29
TR11-09-012	336	< 3	< 5	0.02	26	162	< 2	0.06	< 5	< 10	91	< 5	2	< 5	33
TR11-09-013	258	< 3	< 5	0.06	30	192	< 2	0.07	< 5	< 10	112	< 5	2	5	35
TR11-09-014	193	3	< 5	0.16	36	235	< 2	0.31	< 5	< 10	279	5	5	7	41
TR11-09-015	274	< 3	< 5	0.01	24	188	< 2	0.04	< 5	< 10	77	< 5	1	< 5	34
TR11-09-016	319	< 3	10	< 0.01	22	162	< 2	0.04	< 5	< 10	66	< 5	1	< 5	33
TR11-09-017	352	< 3	< 5	< 0.01	22	149	< 2	0.04	< 5	< 10	68	< 5	2	< 5	33
TR11-09-018	281	< 3	< 5	< 0.01	16	154	9	0.03	< 5	< 10	53	< 5	1	< 5	33
TR11-09-019	291	< 3	< 5	< 0.01	17	166	< 2	0.03	5	< 10	58	< 5	1	< 5	28
TR11-09-020	27	3	< 5	0.04	10	224	6	0.22	< 5	< 10	70	< 5	13	47	40
TR11-09-021	281	< 3	< 5	< 0.01	32	178	< 2	0.07	< 5	< 10	110	< 5	3	6	31
TR11-09-022	283	< 3	< 5	< 0.01	19	183	< 2	0.03	< 5	< 10	59	< 5	1	< 5	26
TR11-09-023	277	< 3	< 5	< 0.01	16	191	< 2	0.03	< 5	< 10	50	< 5	< 1	< 5	24
TR11-09-024	364	< 3	< 5	< 0.01	18	167	< 2	0.04	< 5	< 10	56	< 5	1	6	40
TR11-09-025	287	< 3	< 5	< 0.01	17	182	< 2	0.03	< 5	< 10	51	< 5	< 1	< 5	35
TR11-09-026	285	< 3	< 5	< 0.01	17	188	< 2	0.03	< 5	< 10	52	< 5	< 1	< 5	28
TR11-09-027	444	< 3	< 5	< 0.01	20	127	< 2	0.03	< 5	< 10	59	< 5	1	< 5	43
TR11-09-028	255	< 3	< 5	< 0.01	20	220	3	0.04	< 5	< 10	65	< 5	1	< 5	27
TR11-09-029	341	< 3	< 5	0.06	25	199	< 2	0.05	< 5	< 10	84	< 5	2	7	30
TR11-09-030	261	< 3	< 5	0.01	26	187	4	0.05	< 5	< 10	95	< 5	2	< 5	27
TR11-09-031	273	< 3	< 5	0.02	26	204	7	0.05	< 5	< 10	83	< 5	2	5	31
TR11-09-032	209	< 3	< 5	0.03	21	222	< 2	0.05	< 5	< 10	73	< 5	2	13	30
TR11-09-033	271	< 3	< 5	0.01	25	181	< 2	0.05	< 5	< 10	83	< 5	2	< 5	25
TR11-09-034	249	< 3	< 5	< 0.01	19	200	< 2	0.04	< 5	< 10	62	< 5	1	< 5	24
TR11-09-035	295	< 3	< 5	< 0.01	19	165	< 2	0.04	< 5	< 10	61	< 5	1	< 5	27
TR11-09-036	287	< 3	< 5	< 0.01	18	186	< 2	0.04	< 5	< 10	56	< 5	1	7	23
TR11-09-037	297	< 3	< 5	< 0.01	18	171	< 2	0.03	< 5	< 10	57	< 5	1	< 5	23
TR11-09-038	282	< 3	< 5	< 0.01	14	183	< 2	0.03	< 5	< 10	54	< 5	< 1	< 5	26
TR11-09-039	289	< 3	< 5	< 0.01	19	175	10	0.03	6	< 10	58	< 5	1	5	26
TR11-09-040	2	< 3	< 5	< 0.01	< 4	144	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	16
TR11-09-041	248	< 3	< 5	< 0.01	17	195	< 2	0.04	< 5	< 10	53	< 5	1	< 5	22
TR11-09-042	291	< 3	< 5	< 0.01	18	179	< 2	0.03	< 5	< 10	55	< 5	1	< 5	23
TR11-09-043	284	< 3	< 5	< 0.01	18	176	< 2	0.04	< 5	< 10	57	< 5	1	< 5	23
TR11-09-044	309	< 3	< 5	< 0.01	21	181	< 2	0.04	< 5	< 10	64	< 5	1	< 5	23
TR11-09-045	305	< 3	< 5	< 0.01	23	183	< 2	0.08	< 5	< 10	102	< 5	2	5	37
TR11-09-046	352	< 3	< 5	0.21	30	214	< 2	0.17	< 5	< 10	165	< 5	3	7	52
TR11-09-047	306	< 3	< 5	0.09	29	185	< 2	0.11	< 5	< 10	131	< 5	2	5	50
TR11-09-048	305	< 3	< 5	0.02	22	175	< 2	0.07	< 5	< 10	112	< 5	2	< 5	45

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM
TR11-09-049	310	< 3	< 5	0.03	23	174	5	0.07	< 5	< 10	91	< 5	2	5	45
TR11-09-050	247	< 3	< 5	< 0.01	18	211	7	0.06	< 5	< 10	72	< 5	2	6	35
TR11-09-051	264	< 3	< 5	0.05	30	186	< 2	0.17	< 5	< 10	160	< 5	3	7	57
TR11-09-052	276	< 3	< 5	< 0.01	18	181	< 2	0.04	< 5	< 10	57	< 5	1	5	28
TR11-09-053	265	< 3	< 5	< 0.01	22	190	9	0.05	< 5	< 10	69	< 5	3	8	29
TR11-09-054	257	< 3	< 5	0.06	31	212	3	0.06	< 5	< 10	97	< 5	2	5	27
TR11-09-055	238	< 3	< 5	0.04	25	204	< 2	0.07	< 5	< 10	83	< 5	2	6	44
TR11-09-056	268	< 3	< 5	0.01	24	183	< 2	0.06	< 5	< 10	81	< 5	2	7	39
TR11-09-057	268	< 3	< 5	0.01	19	191	< 2	0.06	< 5	< 10	73	< 5	2	< 5	33
TR11-09-058	287	< 3	< 5	< 0.01	19	174	6	0.04	< 5	< 10	60	< 5	1	< 5	35
TR11-09-059	265	< 3	< 5	< 0.01	13	176	< 2	0.03	< 5	< 10	52	< 5	1	< 5	30
TR11-09-060	544	6	< 5	0.08	10	92	< 2	0.05	< 5	< 10	50	< 5	2	5	44
TR11-09-061	282	< 3	< 5	< 0.01	18	173	6	0.03	< 5	< 10	57	< 5	1	< 5	29
TR11-09-062	187	3	< 5	0.01	19	196	< 2	0.09	< 5	< 10	80	< 5	4	31	29
TR11-09-063	219	< 3	< 5	0.03	27	228	< 2	0.15	< 5	< 10	140	< 5	4	18	33
TR11-09-064	94	< 3	< 5	< 0.01	9	192	< 2	0.03	< 5	< 10	29	< 5	3	17	15
TR11-09-065	199	< 3	< 5	0.08	37	237	< 2	0.11	< 5	< 10	126	< 5	4	8	33
TR11-09-066	223	< 3	< 5	0.07	34	267	< 2	0.19	< 5	< 10	188	< 5	5	11	47
TR11-09-067	289	< 3	< 5	0.02	21	185	< 2	0.09	< 5	< 10	102	< 5	2	7	30
TR11-09-068	270	< 3	< 5	0.05	15	177	< 2	0.07	< 5	< 10	86	< 5	1	< 5	24
TR11-09-069	277	< 3	< 5	< 0.01	16	179	< 2	0.03	< 5	< 10	52	< 5	1	< 5	22
TR11-09-070	306	< 3	< 5	< 0.01	16	178	< 2	0.05	< 5	< 10	58	< 5	1	6	28

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Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05
PD1 LABSTD	518	559	427																					
PD1 LABSTD	513	560	424																					
PD1 LABSTD	529	548	461																					
PK2 LABSTD	5050	6140	4580																					
PK2 LABSTD	5030	6190	4910																					
TR11-09-013 Replicate Original				< 0.3	5.23	< 3	49	< 1	4	8.19	< 0.3	46	106	121	4.93	16	< 1	0.15	7	4.52	823	< 1	1.36	0.001
TR11-09-013 LABDUP				< 0.3	5.23	< 3	49	< 1	3	8.21	< 0.3	47	85	124	4.90	16	< 1	0.15	7	4.49	823	< 1	1.36	0.001
TR11-09-016 Replicate Original	5	142	36																					
TR11-09-016 LABDUP	4	149	35																					
TR11-09-021 Replicate Original	11	1070	184																					
TR11-09-021 LABDUP	13	1020	167																					
TR11-09-027 Replicate Original				< 0.3	4.91	< 3	73	< 1	4	6.28	< 0.3	53	232	15	4.73	13	< 1	0.36	20	7.02	822	< 1	0.86	0.002
TR11-09-027 LABDUP				3.4	4.89	4	72	< 1	3	6.30	0.8	49	228	14	4.66	13	< 1	0.36	20	6.96	808	< 1	0.86	0.002
TR11-09-030 Split Original	13	72	13	< 0.3	4.46	< 3	88	< 1	4	8.11	< 0.3	41	113	86	4.01	16	< 1	0.36	14	4.54	755	< 1	1.18	0.002
TR11-09-030 LABPREP	13	73	13	< 0.3	5.22	3	91	< 1	4	8.38	0.3	43	67	92	4.18	16	< 1	0.41	15	4.76	779	1	1.22	0.002
TR11-09-032 Replicate Original	9	155	27																					
TR11-09-032 LABDUP	9	157	32																					
TR11-09-045 Replicate Original	4	166	31																					
TR11-09-045 LABDUP	4	185	37																					
TR11-09-048 Replicate Original				< 0.3	5.09	< 3	92	< 1	3	6.56	< 0.3	47	126	46	5.05	15	< 1	0.40	26	5.37	925	< 1	1.15	0.002
TR11-09-048 LABDUP				< 0.3	4.42	< 3	89	< 1	2	6.28	< 0.3	46	207	45	4.87	15	< 1	0.35	25	5.07	887	< 1	1.12	0.002
TR11-09-050 Split Original	4	126	22	< 0.3	5.67	< 3	86	< 1	5	7.34	< 0.3	36	124	24	3.75	15	< 1	0.43	20	4.30	736	< 1	1.44	0.004
TR11-09-050 LABPREP	4	119	18	< 0.3	5.97	4	90	< 1	4	7.54	< 0.3	36	86	25	3.91	14	1	0.45	21	4.47	757	< 1	1.50	0.004
TR11-09-055 Replicate Original	13	1070	159																					
TR11-09-055 LABDUP	13	1030	162																					
TR11-09-061 Split Original	9	88	26	< 0.3	5.73	< 3	84	< 1	5	7.40	< 0.3	36	168	16	3.31	14	< 1	0.42	27	4.93	647	< 1	1.19	0.002
TR11-09-061 LABPREP	2	90	22	< 0.3	5.85	< 3	86	< 1	5	7.55	< 0.3	37	115	18	3.42	14	< 1	0.44	28	5.04	645	< 1	1.23	0.002
TR11-09-062 Replicate Original				< 0.3	5.13	3	113	< 1	3	5.89	< 0.3	32	73	52	3.53	17	< 1	0.40	26	3.30	613	< 1	1.99	0.004
TR11-09-062 LABDUP				< 0.3	5.01	< 3	112	< 1	4	5.78	< 0.3	31	74	50	3.46	16	< 1	0.39	25	3.25	598	< 1	1.94	0.003
TR11-09-065 Replicate Original	13	81	23																					
TR11-09-065 LABDUP	14	91	23																					

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Quality Control

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	

PD1 LABSTD																
PD1 LABSTD																
PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
TR11-09-013 Replicate Original	258	< 3	< 5	0.06	30	192	3	0.07	< 5	< 10	111	< 5	2	5	35	
TR11-09-013 LABDUP	258	< 3	< 5	0.06	30	192	< 2	0.07	< 5	< 10	112	< 5	2	5	35	
TR11-09-016 Replicate Original																
TR11-09-016 LABDUP																
TR11-09-021 Replicate Original																
TR11-09-021 LABDUP																
TR11-09-027 Replicate Original	444	< 3	< 5	< 0.01	20	126	4	0.03	< 5	< 10	58	< 5	1	< 5	43	
TR11-09-027 LABDUP	443	< 3	< 5	< 0.01	20	127	< 2	0.03	< 5	< 10	59	< 5	1	< 5	42	
TR11-09-030 Split Original	261	< 3	< 5	0.01	26	187	4	0.05	< 5	< 10	95	< 5	2	< 5	27	
TR11-09-030 LABPREP	268	< 3	< 5	0.02	31	193	4	0.06	< 5	< 10	101	< 5	2	5	27	
TR11-09-032 Replicate Original																
TR11-09-032 LABDUP																
TR11-09-045 Replicate Original																
TR11-09-045 LABDUP																
TR11-09-048 Replicate Original	310	< 3	< 5	0.02	24	176	< 2	0.07	< 5	< 10	114	< 5	2	< 5	45	
TR11-09-048 LABDUP	300	< 3	< 5	0.02	19	173	< 2	0.07	< 5	< 10	110	< 5	1	< 5	45	
TR11-09-050 Split Original	247	< 3	< 5	< 0.01	18	211	7	0.06	< 5	< 10	72	< 5	2	6	35	
TR11-09-050 LABPREP	254	< 3	< 5	< 0.01	19	222	< 2	0.06	< 5	< 10	73	< 5	2	6	36	
TR11-09-055 Replicate Original																
TR11-09-055 LABDUP																
TR11-09-061 Split Original	282	< 3	< 5	< 0.01	18	173	6	0.03	< 5	< 10	57	< 5	1	< 5	29	
TR11-09-061 LABPREP	284	< 3	< 5	< 0.01	18	178	< 2	0.03	< 5	< 10	58	< 5	1	< 5	28	
TR11-09-062 Replicate Original	189	3	< 5	0.01	19	199	< 2	0.09	< 5	< 10	80	< 5	4	33	30	
TR11-09-062 LABDUP	186	3	< 5	0.01	18	193	< 2	0.10	< 5	< 10	80	< 5	4	29	27	
TR11-09-065 Replicate Original																
TR11-09-065 LABDUP																



Date Submitted: 18-Nov-11
Invoice No.: A11-13739
Invoice Date: 02-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

4 Pulp samples and 66 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13739

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A11-13739

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM
TR11-09-071	< 2	< 5	< 5	< 0.3	0.03	< 3	33	< 1	< 2	18.3	< 0.3	< 1	4	2	0.07	< 1	< 1	0.02	5	11.9	393	< 1	0.03	0.003
TR11-09-072	202	497	113	1.4	4.21	31	750	< 1	< 2	5.41	1.9	21	57	1740	4.94	18	< 1	1.89	16	1.72	662	32	1.73	0.092
TR11-09-073	4	< 5	< 5	0.5	2.90	5	484	< 1	< 2	2.06	< 0.3	11	37	23	2.44	14	< 1	0.82	11	0.79	436	< 1	2.02	0.044
TR11-09-074	5	93	20	< 0.3	4.26	< 3	78	< 1	3	7.18	< 0.3	38	167	27	3.66	14	< 1	0.31	21	4.35	693	< 1	1.25	0.002
TR11-09-075	3	132	26	< 0.3	6.25	< 3	87	< 1	5	8.10	< 0.3	29	108	7	2.74	14	< 1	0.43	18	3.89	487	< 1	1.39	0.001
TR11-09-076	< 2	158	32	< 0.3	6.66	< 3	107	< 1	5	8.42	< 0.3	26	72	7	2.50	15	< 1	0.54	17	3.43	471	< 1	1.58	0.002
TR11-09-077	3	129	27	< 0.3	6.13	5	126	< 1	4	7.07	< 0.3	29	85	4	2.72	15	< 1	0.63	33	4.05	544	< 1	1.70	0.002
TR11-09-078	4	101	23	< 0.3	5.88	< 3	107	< 1	4	6.97	< 0.3	31	79	18	3.27	14	< 1	0.50	36	4.26	624	< 1	1.70	0.002
TR11-09-079	7	95	21	< 0.3	5.81	< 3	94	< 1	4	7.35	< 0.3	34	90	57	3.37	16	< 1	0.32	26	4.58	624	< 1	1.36	0.004
TR11-09-080	4	165	33	< 0.3	5.89	< 3	100	< 1	5	7.10	< 0.3	36	98	10	3.55	15	< 1	0.51	40	5.01	700	< 1	1.31	0.003
TR11-09-081	4	99	30	< 0.3	5.94	4	84	< 1	5	7.60	< 0.3	35	93	35	3.21	13	< 1	0.34	21	5.10	605	< 1	1.05	0.002
TR11-09-082	6	503	89	< 0.3	5.84	< 3	79	< 1	2	7.72	< 0.3	38	93	55	3.93	14	< 1	0.34	19	4.85	714	< 1	1.25	0.003
TR11-09-083	8	532	66	< 0.3	5.83	< 3	77	< 1	5	7.67	< 0.3	39	107	45	4.23	14	< 1	0.35	24	4.55	778	< 1	1.54	0.003
TR11-09-084	65	256	46	< 0.3	4.16	< 3	68	< 1	< 2	7.60	< 0.3	35	119	352	3.24	14	< 1	0.22	22	3.62	593	< 1	1.38	0.002
TR11-09-085	2	142	29	< 0.3	6.43	< 3	68	< 1	5	8.03	< 0.3	27	132	5	2.76	15	< 1	0.29	22	3.94	479	< 1	1.33	0.002
TR11-09-086	3	215	53	< 0.3	6.50	< 3	69	< 1	5	8.28	< 0.3	29	132	4	2.85	15	< 1	0.33	21	4.23	524	< 1	1.38	0.002
TR11-09-087	8	154	31	< 0.3	5.49	< 3	67	< 1	4	7.30	< 0.3	42	93	50	4.47	15	< 1	0.31	21	5.00	795	< 1	1.33	0.002
TR11-09-088	12	9	11	< 0.3	4.79	< 3	64	< 1	3	7.53	< 0.3	48	36	139	5.68	18	< 1	0.26	14	4.12	968	< 1	1.66	0.004
TR11-09-089	9	105	32	< 0.3	4.91	< 3	60	< 1	2	6.96	< 0.3	51	87	88	5.34	15	< 1	0.44	26	5.56	871	< 1	1.37	0.002
TR11-09-090	4	< 5	< 5	0.4	2.89	3	470	< 1	< 2	2.05	< 0.3	10	39	22	2.42	14	< 1	0.81	11	0.79	441	< 1	1.97	0.045
TR11-09-091	9	114	34	< 0.3	5.21	< 3	88	< 1	3	6.78	< 0.3	40	88	77	4.16	17	< 1	0.43	14	4.69	754	< 1	1.58	0.003
TR11-09-092	< 2	69	22	< 0.3	5.65	< 3	75	< 1	5	7.05	< 0.3	36	106	21	3.28	14	< 1	0.43	16	5.11	634	< 1	1.39	0.002
TR11-09-093	< 2	56	14	< 0.3	5.55	< 3	86	< 1	4	7.01	< 0.3	38	112	18	3.58	13	< 1	0.60	19	5.22	644	< 1	1.26	0.002
TR11-09-094	< 2	80	19	< 0.3	5.13	< 3	74	< 1	< 2	7.43	< 0.3	34	143	15	3.28	14	< 1	0.43	15	4.47	652	< 1	1.34	< 0.001
TR11-09-095	6	205	17	< 0.3	5.53	< 3	73	< 1	5	7.23	< 0.3	35	131	14	3.32	14	< 1	0.47	15	4.64	612	< 1	1.43	0.001
TR11-09-096	9	388	19	< 0.3	5.39	< 3	93	< 1	3	7.36	< 0.3	40	75	94	4.59	17	< 1	0.46	13	4.01	784	< 1	1.59	0.003
TR11-09-097	6	104	< 5	< 0.3	6.38	3	136	< 1	4	7.42	< 0.3	25	40	31	2.95	20	< 1	0.69	15	2.78	545	< 1	1.89	0.003
TR11-09-098	30	1190	215	0.3	4.80	< 3	88	< 1	2	4.46	< 0.3	28	26	131	3.18	17	< 1	0.37	17	2.87	510	< 1	2.51	0.004
TR11-09-099	7	275	52	< 0.3	4.71	3	84	< 1	< 2	7.09	< 0.3	49	78	118	5.41	16	< 1	0.45	21	5.58	967	2	1.49	0.003
TR11-09-100	6	198	23	< 0.3	5.80	< 3	149	< 1	4	6.72	< 0.3	36	67	20	3.77	15	< 1	0.75	26	4.57	734	< 1	1.83	0.002
TR11-09-101	70	33	< 5	< 0.3	4.38	< 3	43	< 1	< 2	8.31	0.8	61	36	266	9.07	20	< 1	0.21	21	4.13	1120	< 1	0.65	0.003
TR11-09-102	11	117	17	< 0.3	5.41	< 3	126	< 1	2	6.84	< 0.3	43	69	71	4.41	16	< 1	0.65	25	5.10	877	< 1	1.39	0.003
TR11-09-103	3	177	20	< 0.3	5.68	< 3	159	< 1	4	6.47	< 0.3	37	116	18	3.62	14	< 1	0.82	26	4.83	833	< 1	1.57	0.002
TR11-09-104	4	212	26	< 0.3	5.37	< 3	149	< 1	3	6.22	< 0.3	38	118	15	3.83	15	< 1	0.75	21	4.73	830	< 1	1.82	0.003
TR11-09-105	< 2	65	< 5	0.4	4.14	< 3	100	< 1	< 2	3.08	< 0.3	14	65	9	1.46	15	< 1	0.25	9	1.65	326	< 1	3.38	0.004
TR11-09-106	22	514	76	< 0.3	5.00	5	68	< 1	< 2	6.40	< 0.3	41	89	106	4.25	16	< 1	0.32	20	4.73	769	< 1	1.72	0.002
TR11-09-107	9	344	56	< 0.3	5.27	4	62	< 1	4	7.12	< 0.3	45	78	39	4.41	12	< 1	0.34	22	5.89	804	< 1	1.16	0.002
TR11-09-108	23	143	28	< 0.3	5.04	< 3	62	< 1	3	7.21	< 0.3	46	65	75	4.77	14	< 1	0.35	28	5.59	847	< 1	1.43	0.002
TR11-09-109	88	53	10	< 0.3	5.00	5	72	< 1	3	8.33	< 0.3	45	69	93	4.33	13	< 1	0.40	18	5.62	865	< 1	1.21	0.001
TR11-09-110	< 2	< 5	< 5	< 0.3	0.03	< 3	54	< 1	< 2	17.8	< 0.3	< 1	5	2	0.07	< 1	< 1	0.02	8	12.0	377	< 1	0.03	0.003
TR11-09-111	88	71	19	0.6	5.49	3	92	< 1	4	8.83	< 0.3	34	63	110	3.34	14	< 1	0.56	16	4.55	685	< 1	1.44	0.002
TR11-09-112	18	99	21	< 0.3	5.39	< 3	77	< 1	3	8.66	< 0.3	42	52	101	4.18	15	< 1	0.46	13	4.90	774	< 1	1.10	0.001
TR11-09-113	33	298	35	< 0.3	4.39	< 3	63	< 1	3	7.94	0.7	42	117	204	3.81	13	< 1	0.34	20	4.79	778	< 1	1.25	0.001
TR11-09-114	10	15	9	< 0.3	5.08	9	53	< 1	3	8.29	< 0.3	42	102	121	4.06	12	< 1	0.30	21	5.42	814	< 1	1.32	0.001
TR11-09-115	14	27	11	< 0.3	4.84	< 3	50	< 1	3	8.06	0.5	43	85	162	4.08	12	< 1	0.26	15	5.66	797	< 1	1.25	0.002
TR11-09-116	10	22	< 5	< 0.3	5.75	< 3	64	< 1	5	8.61	< 0.3	37	47	102	3.49	16	1	0.35	15	4.36	688	< 1	1.50	0.002
TR11-09-117	10	31	< 5	< 0.3	6.98	< 3	83	< 1	6	9.03	< 0.3	18	21	91	1.94	25	< 1	0.42	13	1.74	377	< 1	2.01	0.003
TR11-09-118	4	40	13	< 0.3	6.20	13	90	< 1	6	8.73	< 0.3	30	34	39	3.00	16	< 1	0.49	15	3.82	603			

Activation Laboratories Ltd. Report: A11-13739

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	
TR11-09-119	25	14	< 5	< 0.3	5.77	< 3	49	< 1	4	8.20	< 0.3	35	32	82	3.32	17	< 1	0.25	14	4.51	633	< 1	1.62	0.001
TR11-09-120	12	9	< 5	< 0.3	6.03	< 3	61	< 1	5	8.08	< 0.3	30	31	82	2.91	17	< 1	0.33	18	3.92	589	< 1	1.92	< 0.001
TR11-09-121	10	39	13	< 0.3	5.10	< 3	60	< 1	3	8.46	< 0.3	46	38	99	3.80	14	< 1	0.33	22	6.12	856	< 1	1.18	< 0.001
TR11-09-122	5	31	6	< 0.3	4.72	< 3	100	< 1	3	9.30	< 0.3	46	61	47	3.83	14	< 1	0.44	21	6.21	892	< 1	0.86	< 0.001
TR11-09-123	7	8	< 5	< 0.3	4.50	< 3	53	< 1	3	8.36	< 0.3	44	89	192	3.50	13	< 1	0.26	17	5.53	785	< 1	1.19	< 0.001
TR11-09-124	7	7	7	< 0.3	4.57	3	56	< 1	3	7.42	< 0.3	44	86	121	3.64	13	< 1	0.30	23	5.72	796	< 1	1.65	0.001
TR11-09-125	9	42	14	< 0.3	4.92	< 3	60	< 1	3	7.53	< 0.3	46	82	155	3.89	14	< 1	0.33	22	5.92	818	< 1	1.57	0.001
TR11-09-126	12	59	12	< 0.3	5.06	< 3	44	< 1	4	7.12	< 0.3	46	81	108	3.86	14	< 1	0.20	23	5.87	754	< 1	1.47	0.001
TR11-09-127	37	207	41	< 0.3	5.08	3	55	< 1	3	7.14	< 0.3	50	54	171	4.18	14	< 1	0.28	23	6.14	808	< 1	1.44	0.001
TR11-09-128	39	489	83	< 0.3	5.46	10	76	< 1	3	7.99	< 0.3	43	57	181	4.07	15	< 1	0.40	22	5.05	782	< 1	1.50	0.001
TR11-09-129	< 2	< 5	< 5	< 0.3	5.31	< 3	98	< 1	3	7.05	< 0.3	45	64	142	4.45	16	< 1	0.61	24	4.78	815	< 1	1.83	0.002
TR11-09-130	1220	3440	774	< 0.3	6.70	10	38	< 1	5	9.78	0.5	32	138	258	4.68	16	2	0.08	2	3.56	585	12	1.06	0.003
TR11-09-131	9	78	13	< 0.3	4.68	< 3	128	< 1	4	4.73	< 0.3	28	53	44	2.63	18	< 1	0.48	18	3.00	523	< 1	2.62	0.004
TR11-09-132	7	274	30	< 0.3	5.13	< 3	159	< 1	5	7.44	< 0.3	44	63	29	4.21	17	< 1	0.82	27	5.09	918	< 1	1.73	0.002
TR11-09-133	5	55	13	< 0.3	5.16	4	174	< 1	4	6.72	< 0.3	36	62	34	3.44	17	< 1	0.68	24	4.22	722	< 1	2.03	0.003
TR11-09-134	20	22	12	< 0.3	5.52	3	107	< 1	5	8.25	< 0.3	40	52	101	4.25	16	< 1	0.57	16	4.48	799	< 1	1.74	0.001
TR11-09-135	19	23	14	< 0.3	5.59	< 3	159	< 1	3	8.08	< 0.3	42	61	125	4.33	16	< 1	0.80	28	4.71	803	< 1	1.60	< 0.001
TR11-09-136	24	29	15	< 0.3	5.41	< 3	143	< 1	5	8.63	< 0.3	43	66	171	4.28	17	< 1	0.75	20	4.85	807	< 1	1.14	< 0.001
TR11-09-137	21	23	12	< 0.3	4.18	< 3	83	< 1	3	8.04	< 0.3	38	72	93	3.93	15	< 1	0.38	14	3.95	767	< 1	1.62	0.001
TR11-09-138	19	42	12	< 0.3	5.48	< 3	84	< 1	2	8.93	< 0.3	44	74	163	4.32	15	< 1	0.49	16	4.77	802	< 1	1.18	< 0.001
TR11-09-139	16	54	15	< 0.3	5.14	< 3	154	< 1	3	8.94	< 0.3	45	84	84	4.31	15	< 1	0.70	26	5.29	862	< 1	1.08	< 0.001
TR11-09-140	12	12	8	< 0.3	5.44	< 3	112	< 1	4	8.22	< 0.3	38	65	128	4.12	17	< 1	0.54	21	4.20	774	< 1	1.82	0.001

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM
TR11-09-071	2	< 3	< 5	< 0.01	< 4	112	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	10
TR11-09-072	101	10	< 5	1.37	14	259	< 2	0.31	< 5	< 10	142	5	14	48	86
TR11-09-073	27	5	< 5	0.04	12	236	< 2	0.13	< 5	< 10	55	< 5	13	33	40
TR11-09-074	246	< 3	< 5	0.02	14	173	< 2	0.05	< 5	< 10	74	< 5	< 1	< 5	34
TR11-09-075	204	< 3	< 5	< 0.01	14	203	< 2	0.04	< 5	< 10	50	< 5	< 1	< 5	19
TR11-09-076	183	< 3	< 5	< 0.01	14	227	< 2	0.03	< 5	< 10	43	< 5	1	< 5	18
TR11-09-077	210	< 3	< 5	< 0.01	16	196	< 2	0.04	< 5	< 10	52	< 5	2	8	23
TR11-09-078	222	< 3	< 5	< 0.01	19	179	< 2	0.07	< 5	< 10	70	< 5	2	8	27
TR11-09-079	236	< 3	< 5	0.01	20	192	< 2	0.06	< 5	< 10	67	< 5	2	11	28
TR11-09-080	284	< 3	< 5	< 0.01	20	191	< 2	0.05	< 5	< 10	64	< 5	2	5	30
TR11-09-081	287	< 3	< 5	< 0.01	19	166	< 2	0.04	< 5	< 10	55	< 5	1	< 5	28
TR11-09-082	261	< 3	< 5	0.02	23	184	< 2	0.08	< 5	< 10	91	< 5	2	5	31
TR11-09-083	245	< 3	< 5	0.02	23	194	< 2	0.07	< 5	< 10	85	< 5	2	< 5	33
TR11-09-084	235	< 3	< 5	0.03	11	204	< 2	0.18	< 5	< 10	128	< 5	1	< 5	23
TR11-09-085	205	< 3	< 5	< 0.01	14	196	< 2	0.03	< 5	< 10	50	< 5	1	< 5	24
TR11-09-086	227	< 3	< 5	< 0.01	16	195	< 2	0.03	< 5	< 10	48	< 5	1	< 5	20
TR11-09-087	254	< 3	< 5	0.02	23	175	< 2	0.07	< 5	< 10	86	< 5	2	9	33
TR11-09-088	190	< 3	5	0.06	37	221	< 2	0.14	< 5	< 10	150	< 5	4	14	43
TR11-09-089	285	< 3	< 5	0.05	31	200	< 2	0.10	< 5	< 10	126	< 5	3	7	40
TR11-09-090	26	4	< 5	0.04	12	234	< 2	0.15	< 5	< 10	60	< 5	13	32	40
TR11-09-091	255	< 3	< 5	0.03	25	181	< 2	0.08	< 5	< 10	88	< 5	3	15	32
TR11-09-092	287	< 3	< 5	< 0.01	17	155	< 2	0.04	< 5	< 10	53	< 5	1	9	26
TR11-09-093	283	< 3	< 5	< 0.01	19	137	2	0.05	< 5	< 10	60	< 5	1	7	26
TR11-09-094	255	< 3	< 5	< 0.01	15	177	< 2	0.03	< 5	< 10	56	< 5	< 1	< 5	25
TR11-09-095	258	< 3	< 5	< 0.01	19	177	< 2	0.04	< 5	< 10	61	< 5	1	8	33
TR11-09-096	218	< 3	< 5	0.04	27	214	< 2	0.10	< 5	< 10	113	< 5	3	9	34
TR11-09-097	134	< 3	< 5	< 0.01	16	249	< 2	0.06	< 5	< 10	62	< 5	2	12	25
TR11-09-098	204	3	< 5	0.02	18	174	< 2	0.08	< 5	< 10	69	< 5	6	37	27
TR11-09-099	326	< 3	< 5	0.01	36	163	< 2	0.09	< 5	< 10	123	< 5	3	9	42
TR11-09-100	244	< 3	< 5	< 0.01	18	219	< 2	0.06	< 5	< 10	72	< 5	2	9	33
TR11-09-101	295	< 3	< 5	0.10	42	279	8	0.50	< 5	< 10	506	< 5	4	11	49
TR11-09-102	266	< 3	< 5	0.02	23	199	< 2	0.06	< 5	< 10	73	< 5	2	7	38
TR11-09-103	260	< 3	< 5	< 0.01	19	199	< 2	0.04	< 5	< 10	59	< 5	1	< 5	34
TR11-09-104	255	< 3	< 5	< 0.01	20	210	< 2	0.06	< 5	< 10	66	< 5	2	9	37
TR11-09-105	93	< 3	< 5	< 0.01	7	175	< 2	0.04	< 5	< 10	24	< 5	3	74	16
TR11-09-106	275	< 3	< 5	< 0.01	24	183	2	0.07	< 5	< 10	86	< 5	2	15	35
TR11-09-107	333	< 3	< 5	< 0.01	23	157	< 2	0.07	< 5	< 10	81	< 5	2	5	36
TR11-09-108	321	< 3	< 5	0.07	26	172	< 2	0.12	< 5	< 10	125	< 5	2	5	61
TR11-09-109	373	< 3	< 5	0.03	35	180	< 2	0.06	5	< 10	100	< 5	2	6	31
TR11-09-110	1	< 3	< 5	< 0.01	< 4	131	7	< 0.01	< 5	< 10	4	< 5	< 1	< 5	55
TR11-09-111	316	< 3	< 5	0.02	29	214	2	0.05	6	< 10	81	< 5	2	10	25
TR11-09-112	285	< 3	< 5	0.02	32	223	< 2	0.06	< 5	< 10	95	< 5	2	8	31
TR11-09-113	440	< 3	< 5	0.04	26	189	< 2	0.05	< 5	< 10	87	< 5	2	5	27
TR11-09-114	385	< 3	< 5	0.02	32	177	6	0.05	< 5	< 10	91	< 5	2	< 5	30
TR11-09-115	429	< 3	< 5	0.03	32	167	< 2	0.06	< 5	< 10	90	< 5	2	6	28
TR11-09-116	295	< 3	< 5	0.03	26	214	< 2	0.05	< 5	< 10	75	< 5	2	< 5	26
TR11-09-117	97	< 3	< 5	0.04	14	321	< 2	0.04	< 5	< 10	46	< 5	2	7	13
TR11-09-118	213	< 3	< 5	< 0.01	21	247	< 2	0.04	< 5	< 10	59	< 5	1	5	22

Activation Laboratories Ltd. Report: A11-13739

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM	Nov 28 2011 10:05AM
TR11-09-119	260	< 3	< 5	0.02	23	202	< 2	0.04	< 5	< 10	66	< 5	2	< 5	22
TR11-09-120	230	< 3	< 5	0.01	19	250	< 2	0.03	< 5	< 10	53	< 5	1	< 5	20
TR11-09-121	372	< 3	< 5	< 0.01	32	201	< 2	0.03	< 5	< 10	79	< 5	1	< 5	27
TR11-09-122	367	< 3	< 5	< 0.01	39	191	< 2	0.04	< 5	< 10	89	< 5	2	< 5	29
TR11-09-123	328	< 3	< 5	0.01	30	209	< 2	0.03	< 5	< 10	81	< 5	1	< 5	25
TR11-09-124	315	< 3	< 5	< 0.01	32	205	< 2	0.04	< 5	< 10	79	< 5	2	< 5	24
TR11-09-125	313	< 3	< 5	< 0.01	30	201	< 2	0.04	< 5	< 10	75	< 5	2	< 5	27
TR11-09-126	313	< 3	< 5	< 0.01	26	187	< 2	0.04	< 5	< 10	65	< 5	1	< 5	28
TR11-09-127	389	< 3	< 5	0.01	25	190	< 2	0.04	5	< 10	67	< 5	1	< 5	31
TR11-09-128	331	< 3	< 5	0.03	27	213	< 2	0.05	< 5	< 10	77	< 5	2	6	31
TR11-09-129	287	< 3	< 5	0.03	26	213	5	0.06	< 5	< 10	79	< 5	3	21	36
TR11-09-130	546	7	< 5	0.08	11	99	6	0.06	< 5	< 10	50	< 5	2	5	44
TR11-09-131	177	< 3	< 5	< 0.01	15	199	3	0.05	< 5	< 10	45	< 5	3	43	25
TR11-09-132	338	< 3	< 5	< 0.01	32	208	< 2	0.05	< 5	< 10	89	< 5	3	10	35
TR11-09-133	268	< 3	< 5	< 0.01	26	240	< 2	0.04	< 5	< 10	68	< 5	2	17	29
TR11-09-134	253	< 3	< 5	0.03	29	259	5	0.04	5	< 10	81	< 5	2	< 5	32
TR11-09-135	271	< 3	< 5	0.04	31	233	< 2	0.04	< 5	< 10	80	< 5	1	< 5	31
TR11-09-136	292	< 3	< 5	0.02	32	235	< 2	0.04	< 5	< 10	82	< 5	1	< 5	32
TR11-09-137	251	< 3	< 5	0.01	18	241	5	0.05	< 5	< 10	81	< 5	1	< 5	29
TR11-09-138	278	< 3	< 5	0.03	32	256	< 2	0.04	< 5	< 10	89	< 5	2	< 5	32
TR11-09-139	320	< 3	< 5	0.01	34	242	< 2	0.04	< 5	< 10	87	< 5	2	< 5	33
TR11-09-140	243	< 3	< 5	0.03	32	262	< 2	0.07	< 5	< 10	98	< 5	3	< 5	31

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Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59	2011-11- 28 10:05:59
PD1 LABSTD	518	559	427																					
PD1 LABSTD	514	558	417																					
PD1 LABSTD	534	578	479																					
PK2 LABSTD	5040	6210	4820																					
PK2 LABSTD	5060	6060	5090																					
PK2 LABSTD	4940	6160	4790																					
TR11-09-080 Replicate Original				< 0.3	5.87	3	99	< 1	5	7.05	< 0.3	36	99	11	3.51	14	< 1	0.50	39	4.98	695	< 1	1.29	0.003
TR11-09-080 LABDUP				< 0.3	5.91	< 3	100	< 1	5	7.15	< 0.3	36	97	10	3.58	15	< 1	0.51	40	5.04	705	< 1	1.32	0.002
TR11-09-081 Replicate Original	4	99	29																					
TR11-09-081 LABDUP	4	98	31																					
TR11-09-091 Replicate Original	9	114	36																					
TR11-09-091 LABDUP	9	113	31																					
TR11-09-094 Replicate Original				< 0.3	5.97	7	77	< 1	5	7.68	< 0.3	35	94	16	3.41	15	< 1	0.49	17	4.78	696	< 1	1.40	0.001
TR11-09-094 LABDUP				< 0.3	4.30	< 3	71	< 1	< 2	7.18	< 0.3	34	193	14	3.14	14	< 1	0.37	14	4.15	607	< 1	1.28	< 0.001
TR11-09-100 Split Original	6	198	23	< 0.3	5.80	< 3	149	< 1	4	6.72	< 0.3	36	67	20	3.77	15	< 1	0.75	26	4.57	734	< 1	1.83	0.002
TR11-09-100 LABPREP	8	192	22	< 0.3	5.81	< 3	146	< 1	5	6.65	< 0.3	36	70	20	3.71	17	< 1	0.74	26	4.51	683	< 1	1.81	0.002
TR11-09-102 Replicate Original	13	125	18																					
TR11-09-102 LABDUP	10	108	16																					
TR11-09-115 Replicate Original	15	26	11	< 0.3	4.77	4	50	< 1	3	8.00	0.6	42	80	157	4.01	13	< 1	0.26	15	5.58	792	< 1	1.24	0.002
TR11-09-115 LABDUP	14	28	11	< 0.3	4.92	< 3	51	< 1	3	8.11	0.4	44	89	167	4.15	12	< 1	0.26	16	5.74	801	< 1	1.27	0.002
TR11-09-120 Split Original				< 0.3	6.03	< 3	61	< 1	5	8.08	< 0.3	30	31	82	2.91	17	< 1	0.33	18	3.92	589	< 1	1.92	< 0.001
TR11-09-120 LABPREP	6	8	< 5	< 0.3	6.39	6	61	< 1	6	8.18	< 0.3	31	26	87	2.96	17	< 1	0.33	19	4.05	601	< 1	1.94	0.001
TR11-09-125 Replicate Original	9	42	13																					
TR11-09-125 LABDUP	9	42	15																					
TR11-09-129 Replicate Original				< 0.3	5.30	< 3	97	< 1	3	7.04	< 0.3	45	61	141	4.41	16	< 1	0.60	24	4.78	812	< 1	1.81	0.002
TR11-09-129 LABDUP				< 0.3	5.32	< 3	98	< 1	3	7.06	< 0.3	45	66	142	4.48	15	< 1	0.61	24	4.77	818	< 1	1.84	0.002
TR11-09-131 Split Original	9	78	13	< 0.3	4.68	< 3	128	< 1	4	4.73	< 0.3	28	53	44	2.63	18	< 1	0.48	18	3.00	523	< 1	2.62	0.004
TR11-09-131 LABPREP	6	80	11	< 0.3	4.69	< 3	127	< 1	4	4.72	< 0.3	28	61	45	2.60	19	< 1	0.48	18	3.02	529	< 1	2.64	0.004
TR11-09-135 Replicate Original	20	23	13																					
TR11-09-135 LABDUP	19	23	14																					

Activation Laboratories Ltd. Report: A11-13739

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	2011-11-28 10:05:59	

PD1 LABSTD																
PD1 LABSTD																
PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
TR11-09-080 Replicate Original	283	< 3	< 5	< 0.01	19	190	< 2	0.05	< 5	< 10	63	< 5	2	5	30	
TR11-09-080 LABDUP	285	< 3	< 5	< 0.01	20	192	5	0.05	< 5	< 10	66	< 5	2	6	30	
TR11-09-081 Replicate Original																
TR11-09-081 LABDUP																
TR11-09-091 Replicate Original																
TR11-09-091 LABDUP																
TR11-09-094 Replicate Original	260	< 3	< 5	< 0.01	18	184	9	0.04	< 5	< 10	57	< 5	1	< 5	26	
TR11-09-094 LABDUP	251	< 3	< 5	< 0.01	12	170	< 2	0.03	< 5	< 10	54	< 5	< 1	< 5	23	
TR11-09-100 Split Original	244	< 3	< 5	< 0.01	18	219	< 2	0.06	< 5	< 10	72	< 5	2	9	33	
TR11-09-100 LABPREP	240	< 3	< 5	< 0.01	18	218	3	0.06	< 5	< 10	72	< 5	2	8	32	
TR11-09-102 Replicate Original																
TR11-09-102 LABDUP																
TR11-09-115 Replicate Original	426	< 3	< 5	0.03	32	165	< 2	0.06	< 5	< 10	89	< 5	2	6	28	
TR11-09-115 LABDUP	433	< 3	< 5	0.03	32	168	5	0.06	< 5	< 10	91	< 5	2	7	28	
TR11-09-120 Split Original	230	< 3	< 5	0.01	19	250	< 2	0.03	< 5	< 10	53	< 5	1	< 5	20	
TR11-09-120 LABPREP	235	< 3	< 5	0.01	20	255	< 2	0.03	< 5	< 10	54	< 5	1	< 5	22	
TR11-09-125 Replicate Original																
TR11-09-125 LABDUP																
TR11-09-129 Replicate Original	287	< 3	< 5	0.03	26	212	8	0.06	< 5	< 10	79	< 5	3	21	37	
TR11-09-129 LABDUP	287	< 3	< 5	0.03	26	214	2	0.06	< 5	< 10	79	< 5	3	20	36	
TR11-09-131 Split Original	177	< 3	< 5	< 0.01	15	199	3	0.05	< 5	< 10	45	< 5	3	43	25	
TR11-09-131 LABPREP	176	< 3	< 5	< 0.01	15	198	< 2	0.05	< 5	< 10	44	< 5	3	47	26	
TR11-09-135 Replicate Original																
TR11-09-135 LABDUP																



Date Submitted: 18-Nov-11
Invoice No.: A11-13740
Invoice Date: 05-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

3 Pulp samples and 51 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13740

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control



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Activation Laboratories Ltd. Report: A11-13740

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	
TR11-09-141	4	< 5	< 5	< 0.3	0.05	< 3	52	< 1	< 2	18.3	< 0.3	< 1	7	2	0.07	< 1	< 1	0.02	7	11.3	391	< 1	0.03	0.004
TR11-09-142	232	500	114	1.3	3.91	41	314	< 1	2	5.49	2.0	21	63	1700	5.01	18	< 1	1.91	16	1.68	693	28	1.77	0.093
TR11-09-143	3	< 5	< 5	0.4	2.87	< 3	475	< 1	< 2	2.05	< 0.3	11	109	24	2.53	13	< 1	0.83	12	0.78	464	1	2.15	0.048
TR11-09-144	14	14	< 5	< 0.3	4.75	7	105	< 1	3	8.13	< 0.3	40	88	118	4.27	15	< 1	0.52	19	4.19	858	< 1	1.70	0.001
TR11-09-145	152	488	104	< 0.3	2.80	< 3	123	< 1	5	7.67	0.5	70	328	222	6.28	13	< 1	0.52	32	8.09	1290	< 1	0.68	< 0.001
TR11-09-146	18	9	7	< 0.3	4.69	< 3	191	< 1	3	7.66	< 0.3	49	81	202	4.72	14	< 1	0.97	41	5.33	1000	< 1	1.36	< 0.001
TR11-09-147	35	24	7	< 0.3	4.50	< 3	159	< 1	3	7.96	< 0.3	46	68	100	4.43	15	< 1	0.76	29	4.98	1000	< 1	1.59	0.001
TR11-09-148	8	< 5	< 5	< 0.3	4.85	< 3	171	< 1	4	7.59	0.3	42	74	88	4.40	15	< 1	0.90	28	4.56	902	< 1	1.90	0.001
TR11-09-149	15	14	< 5	< 0.3	4.63	< 3	210	< 1	2	7.70	0.3	50	69	140	5.00	15	< 1	1.07	35	5.43	1040	< 1	1.52	< 0.001
TR11-09-150	14	15	< 5	< 0.3	4.79	< 3	199	< 1	< 2	7.73	< 0.3	46	57	103	4.67	16	< 1	1.00	34	5.15	1070	< 1	1.74	0.001
TR11-09-151	12	10	8	< 0.3	5.02	< 3	224	< 1	5	7.46	< 0.3	40	50	119	4.23	16	< 1	1.10	30	4.44	931	< 1	2.02	0.001
TR11-09-152	14	5	5	0.3	4.90	< 3	127	< 1	3	7.86	0.3	46	62	135	4.60	16	< 1	0.60	28	4.86	902	< 1	1.57	0.001
TR11-09-153	10	7	< 5	< 0.3	5.14	4	234	< 1	4	8.47	< 0.3	44	55	110	4.45	16	< 1	0.98	35	5.04	1020	< 1	1.50	0.001
TR11-09-154	13	< 5	< 5	< 0.3	4.06	< 3	201	< 1	2	7.39	< 0.3	46	114	45	4.50	13	< 1	0.87	34	5.12	978	< 1	1.52	< 0.001
TR11-09-155	4	15	< 5	< 0.3	4.15	< 3	148	< 1	3	8.42	0.5	49	177	92	4.57	13	< 1	0.69	31	5.35	990	< 1	1.55	0.001
TR11-09-156	13	< 5	< 5	< 0.3	4.39	< 3	203	< 1	2	7.23	< 0.3	46	94	76	4.60	15	< 1	0.93	26	5.09	1010	< 1	1.91	0.001
TR11-09-157	12	< 5	< 5	< 0.3	4.71	4	253	< 1	6	6.41	< 0.3	47	75	138	4.85	14	< 1	1.14	33	5.19	1060	< 1	1.89	0.001
TR11-09-158	5	< 5	< 5	< 0.3	4.46	< 3	169	< 1	< 2	6.43	0.3	48	75	128	4.95	14	< 1	0.75	34	5.22	1060	< 1	2.36	0.002
TR11-09-159	5	5	5	< 0.3	4.65	< 3	61	< 1	3	6.86	< 0.3	43	46	103	4.74	16	< 1	0.34	34	4.89	949	< 1	2.53	0.002
TR11-09-160	< 2	< 5	< 5	1.1	2.93	6	478	< 1	< 2	2.07	0.5	11	47	23	2.53	15	5	0.83	11	0.79	462	< 1	2.15	0.047
TR11-09-161	3	8	< 5	< 0.3	5.09	3	67	< 1	3	5.49	< 0.3	46	44	113	4.94	15	< 1	0.37	43	4.82	928	< 1	3.00	0.006
TR11-09-162	5	142	36	< 0.3	4.93	< 3	156	< 1	4	5.76	0.5	61	47	279	4.94	17	< 1	0.78	41	4.90	956	< 1	2.46	0.002
TR11-09-163	5	38	9	< 0.3	4.42	3	84	< 1	< 2	5.80	0.7	55	48	255	5.16	14	< 1	0.45	39	5.52	994	< 1	2.57	0.002
TR11-09-164	< 2	< 5	< 5	< 0.3	4.48	< 3	60	< 1	4	5.05	< 0.3	47	64	57	4.93	15	< 1	0.32	48	5.28	980	< 1	2.73	0.001
TR11-09-165	< 2	7	< 5	< 0.3	4.19	< 3	18	< 1	5	6.45	0.4	53	84	45	5.47	15	< 1	0.12	60	6.07	1080	< 1	1.96	0.001
TR11-09-166	< 2	14	< 5	< 0.3	4.78	6	52	< 1	3	6.44	< 0.3	35	48	99	4.72	18	< 1	0.21	87	5.36	1010	< 1	2.32	0.002
TR11-09-167	3	12	< 5	< 0.3	5.37	< 3	53	< 1	3	4.19	< 0.3	41	39	88	4.51	20	< 1	0.19	102	5.10	860	< 1	3.23	0.004
TR11-09-168	6	64	9	< 0.3	5.12	< 3	42	< 1	7	3.93	0.3	67	51	81	5.00	18	< 1	0.20	93	5.25	969	< 1	3.19	0.003
TR11-09-169	< 2	< 5	< 5	< 0.3	5.10	4	71	< 1	5	4.30	0.4	45	55	31	6.08	30	5	0.28	113	6.07	898	1	1.98	0.005
TR11-09-170	< 2	< 5	< 5	< 0.3	5.34	< 3	135	< 1	4	1.92	< 0.3	26	55	18	3.41	23	< 1	0.55	86	3.98	587	< 1	3.77	0.009
TR11-09-171	< 2	< 5	< 5	< 0.3	4.85	7	24	< 1	5	2.70	0.5	63	60	24	6.62	17	< 1	0.11	134	7.48	1170	< 1	2.52	0.001
TR11-09-172	< 2	< 5	< 5	< 0.3	4.48	5	16	< 1	6	4.47	0.8	51	50	13	6.87	20	< 1	0.07	95	6.68	1120	< 1	2.28	0.003
TR11-09-173	< 2	< 5	< 5	< 0.3	4.96	< 3	21	< 1	5	4.46	0.5	49	35	8	6.58	27	< 1	0.09	111	6.36	1030	< 1	2.18	0.002
TR11-09-174	< 2	< 5	< 5	< 0.3	5.64	5	57	< 1	4	6.56	0.4	28	26	21	5.08	34	< 1	0.17	93	4.14	700	< 1	2.11	0.002
TR11-09-175	< 2	< 5	< 5	< 0.3	3.21	7	79	< 1	3	4.54	< 0.3	9	53	9	2.45	20	< 1	0.24	68	1.93	385	< 1	0.77	0.004
TR11-09-176	< 2	17	< 5	0.3	5.20	< 3	184	< 1	5	1.55	< 0.3	10	58	19	1.80	25	< 1	0.82	31	1.30	301	< 1	4.31	0.008
TR11-09-177	< 2	9	< 5	< 0.3	5.12	9	181	< 1	5	2.56	< 0.3	8	43	16	1.59	25	< 1	0.74	29	1.03	290	< 1	3.66	0.007
TR11-09-178	< 2	< 5	< 5	< 0.3	4.73	< 3	133	< 1	8	2.03	< 0.3	8	66	18	1.56	23	< 1	0.57	26	1.02	266	< 1	4.03	0.007
TR11-09-179	< 2	< 5	< 5	0.4	4.96	4	172	< 1	4	2.91	< 0.3	7	79	28	1.63	24	< 1	0.41	16	0.79	258	< 1	3.73	0.008
TR11-09-180	< 2	< 5	< 5	< 0.3	0.06	< 3	113	< 1	< 2	19.5	< 0.3	< 1	4	3	0.09	< 1	< 1	0.03	5	12.2	412	< 1	0.03	0.004
TR11-09-181	< 2	< 5	< 5	< 0.3	5.40	< 3	154	< 1	5	3.87	< 0.3	8	46	14	1.76	26	< 1	0.44	11	0.77	278	< 1	3.56	0.013
TR11-09-182	< 2	< 5	< 5	< 0.3	5.37	4	131	< 1	4	4.18	< 0.3	11	58	22	2.07	26	< 1	0.28	12	1.04	332	< 1	3.41	0.011
TR11-09-183	< 2	< 5	< 5	< 0.3	3.82	4	186	< 1	< 2	3.39	< 0.3	9	67	13	1.65	24	< 1	0.31	10	0.77	303	< 1	3.33	0.012
TR11-09-184	6	< 5	< 5	< 0.3	4.77	< 3	239	< 1	4	3.71	< 0.3	8	67	44	1.78	26	< 1	0.36	8	0.56	273	< 1	3.44	0.013
TR11-09-185	< 2	< 5	< 5	< 0.3	5.01	< 3	224	< 1	2	3.57	< 0.3	10	36	30	2.05	25	< 1	0.42	11	0.78	293	< 1	3.35	0.014
TR11-09-186	< 2	5	< 5	< 0.3	5.15	3	215	< 1	3	5.49	< 0.3	19	43	58	4.00	23	< 1	0.58	21	2.10	671	< 1	2.65	0.048
TR11-09-187	< 2	< 5	< 5	< 0.3	5.01	< 3	199	< 1	3	2.89	< 0.3	9	39	18	1.79	24	< 1	0.67	11	0.74	268	< 1	3.67	0.013
TR11-09-188	< 2	< 5	< 5	0.4	5.70	< 3	211	< 1	6	4.65	< 0.3	7	30	22	1.59	28	< 1	0.53	11	0.61	236	< 1	3.81	0.014

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Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM
TR11-09-189	< 2	< 5	< 5	0.4	5.68	< 3	232	< 1	6	4.16	< 0.3	6	34	44	1.40	29	< 1	0.72	11	0.52	209	< 1	4.23	0.012
TR11-09-190	< 2	< 5	< 5	< 0.3	5.02	< 3	224	< 1	4	3.50	< 0.3	11	48	24	2.24	25	< 1	0.52	13	0.96	372	< 1	3.61	0.027
TR11-09-191	< 2	< 5	< 5	0.4	4.86	< 3	198	< 1	5	3.31	< 0.3	8	63	19	1.87	24	< 1	0.42	10	0.60	237	< 1	3.52	0.018
TR11-09-192	11	< 5	< 5	< 0.3	4.68	< 3	217	< 1	3	2.35	< 0.3	8	45	24	1.85	24	< 1	0.58	11	0.61	241	< 1	3.66	0.016
TR11-09-193	15	< 5	< 5	< 0.3	3.34	4	239	< 1	< 2	3.11	< 0.3	9	51	39	1.87	26	< 1	0.38	11	0.51	288	< 1	3.50	0.010
TR11-09-194	< 2	< 5	< 5	0.6	4.69	< 3	257	< 1	10	3.60	< 0.3	10	44	21	1.79	24	< 1	0.45	10	0.71	271	< 1	3.50	0.010

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM

TR11-09-141	2	< 3	< 5	< 0.01	< 4	147	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	19
TR11-09-142	100	12	< 5	1.35	13	261	< 2	0.30	< 5	< 10	145	5	15	45	84
TR11-09-143	28	4	< 5	0.04	12	242	< 2	0.23	< 5	< 10	77	< 5	14	42	41
TR11-09-144	246	< 3	< 5	0.02	30	246	< 2	0.06	< 5	< 10	97	< 5	3	< 5	32
TR11-09-145	700	< 3	< 5	0.03	47	108	< 2	0.07	< 5	< 10	130	< 5	3	6	49
TR11-09-146	326	< 3	< 5	0.02	37	227	< 2	0.06	< 5	< 10	104	< 5	2	< 5	37
TR11-09-147	315	< 3	< 5	< 0.01	36	173	< 2	0.07	< 5	< 10	108	< 5	3	< 5	39
TR11-09-148	265	4	< 5	< 0.01	35	240	< 2	0.07	< 5	< 10	105	< 5	3	8	32
TR11-09-149	337	< 3	< 5	0.05	42	221	< 2	0.07	< 5	< 10	120	< 5	3	< 5	61
TR11-09-150	300	< 3	< 5	0.02	35	215	< 2	0.06	< 5	< 10	103	< 5	3	< 5	55
TR11-09-151	264	7	< 5	0.01	32	247	< 2	0.07	< 5	< 10	98	< 5	3	5	33
TR11-09-152	300	< 3	< 5	0.09	37	209	3	0.08	8	< 10	111	< 5	3	6	34
TR11-09-153	286	< 3	< 5	0.02	40	180	4	0.07	< 5	< 10	106	< 5	3	< 5	42
TR11-09-154	302	< 3	< 5	< 0.01	37	181	< 2	0.06	5	< 10	109	< 5	3	< 5	37
TR11-09-155	337	< 3	< 5	< 0.01	41	182	3	0.07	< 5	< 10	112	< 5	3	< 5	33
TR11-09-156	290	< 3	< 5	< 0.01	36	218	< 2	0.07	< 5	< 10	105	< 5	3	5	40
TR11-09-157	287	4	< 5	0.10	39	221	< 2	0.08	< 5	< 10	115	< 5	3	6	43
TR11-09-158	298	< 3	< 5	0.01	40	284	< 2	0.08	< 5	< 10	117	< 5	4	10	46
TR11-09-159	277	< 3	< 5	< 0.01	35	401	2	0.08	< 5	< 10	108	< 5	4	10	39
TR11-09-160	27	< 3	< 5	0.04	12	244	3	0.22	< 5	< 10	76	6	14	40	40
TR11-09-161	270	< 3	< 5	0.02	40	235	< 2	0.11	< 5	< 10	121	< 5	4	7	43
TR11-09-162	483	< 3	< 5	0.11	31	434	3	0.07	< 5	< 10	98	< 5	3	7	43
TR11-09-163	490	< 3	< 5	0.04	37	355	< 2	0.08	< 5	< 10	113	< 5	3	9	41
TR11-09-164	286	< 3	< 5	< 0.01	34	301	< 2	0.07	< 5	< 10	104	< 5	3	6	45
TR11-09-165	326	< 3	< 5	< 0.01	39	189	< 2	0.07	< 5	< 10	116	< 5	3	6	54
TR11-09-166	247	< 3	< 5	< 0.01	26	309	2	0.06	< 5	< 10	98	< 5	4	21	47
TR11-09-167	231	< 3	< 5	< 0.01	27	289	3	0.10	< 5	< 10	103	< 5	5	24	45
TR11-09-168	374	< 3	< 5	< 0.01	34	192	4	0.08	< 5	< 10	110	< 5	5	18	51
TR11-09-169	324	< 3	< 5	< 0.01	49	478	< 2	0.11	< 5	< 10	142	< 5	6	12	52
TR11-09-170	87	< 3	< 5	< 0.01	13	319	< 2	0.07	< 5	< 10	60	< 5	2	12	43
TR11-09-171	378	< 3	< 5	< 0.01	33	147	< 2	0.07	7	< 10	103	< 5	3	9	72
TR11-09-172	286	< 3	< 5	< 0.01	48	283	< 2	0.09	< 5	< 10	138	< 5	6	14	64
TR11-09-173	246	< 3	< 5	< 0.01	42	397	< 2	0.09	< 5	< 10	138	< 5	5	9	58
TR11-09-174	163	< 3	< 5	< 0.01	33	608	< 2	0.07	< 5	< 10	119	< 5	4	7	32
TR11-09-175	30	< 3	< 5	< 0.01	< 4	323	< 2	0.04	< 5	< 10	30	< 5	1	9	15
TR11-09-176	17	3	< 5	< 0.01	4	398	< 2	0.05	< 5	< 10	22	< 5	< 1	15	28
TR11-09-177	16	< 3	< 5	< 0.01	< 4	418	< 2	0.05	< 5	< 10	17	< 5	< 1	15	25
TR11-09-178	15	< 3	< 5	< 0.01	< 4	321	< 2	0.05	< 5	< 10	17	< 5	< 1	16	27
TR11-09-179	13	< 3	< 5	0.02	< 4	420	< 2	0.06	< 5	< 10	22	< 5	< 1	17	25
TR11-09-180	1	5	< 5	< 0.01	< 4	139	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	13
TR11-09-181	15	< 3	< 5	0.02	< 4	469	< 2	0.06	< 5	< 10	19	< 5	2	14	40
TR11-09-182	19	< 3	< 5	0.01	< 4	483	5	0.06	< 5	< 10	19	< 5	1	14	42
TR11-09-183	18	< 3	< 5	0.02	< 4	392	4	0.06	< 5	< 10	27	< 5	1	13	34
TR11-09-184	12	4	< 5	0.05	< 4	381	< 2	0.09	< 5	< 10	22	< 5	2	18	35
TR11-09-185	17	< 3	< 5	0.03	4	426	< 2	0.10	< 5	< 10	30	< 5	2	19	42
TR11-09-186	27	< 3	< 5	0.04	13	529	4	0.19	< 5	< 10	92	< 5	5	21	51
TR11-09-187	14	< 3	< 5	0.02	4	372	6	0.09	< 5	< 10	29	< 5	2	22	32
TR11-09-188	15	< 3	< 5	0.02	< 4	493	8	0.09	< 5	< 10	25	< 5	2	15	34

Activation Laboratories Ltd. Report: A11-13740

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM

TR11-09-189	19	16	< 5	0.04	< 4	446	< 2	0.06	< 5	< 10	16	< 5	2	18	41
TR11-09-190	18	< 3	< 5	0.01	6	399	2	0.15	< 5	< 10	44	< 5	3	28	35
TR11-09-191	13	< 3	< 5	0.02	< 4	389	< 2	0.15	< 5	< 10	34	< 5	1	50	32
TR11-09-192	13	< 3	< 5	0.03	5	350	5	0.15	< 5	< 10	34	< 5	2	49	36
TR11-09-193	13	< 3	< 5	0.03	< 4	316	< 2	0.13	< 5	< 10	37	< 5	1	36	47
TR11-09-194	14	14	< 5	0.04	< 4	418	< 2	0.12	< 5	< 10	33	< 5	1	25	37

Activation Laboratories Ltd. Report: A11-13740

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	2011-11- 25 09:40:05	
PD1 LABSTD	522	564	458																					
PK2 LABSTD	5300	6190	5090																					
PK2 LABSTD	4900	5930	5090																					
TR11-09-150 Replicate Original	14	13	5	< 0.3	4.74	< 3	198	< 1	< 2	7.67	< 0.3	45	55	103	4.63	15	< 1	0.99	34	5.11	1060	< 1	1.73	0.001
TR11-09-150 LABDUP	13	17	< 5	< 0.3	4.84	< 3	200	< 1	3	7.79	< 0.3	46	59	103	4.71	16	< 1	1.00	34	5.18	1080	< 1	1.75	0.001
TR11-09-161 Replicate Original	3	8	< 5																					
TR11-09-161 LABDUP	3	9	< 5																					
TR11-09-164 Replicate Original				< 0.3	4.61	< 3	61	< 1	6	5.18	< 0.3	48	51	59	5.11	15	1	0.32	50	5.45	1000	< 1	2.79	0.002
TR11-09-164 LABDUP				< 0.3	4.35	< 3	58	< 1	3	4.93	0.3	47	77	55	4.76	15	< 1	0.31	47	5.11	957	< 1	2.67	0.001
TR11-09-170 Split Original	< 2	< 5	< 5	< 0.3	5.34	< 3	135	< 1	4	1.92	< 0.3	26	55	18	3.41	23	< 1	0.55	86	3.98	587	< 1	3.77	0.009
TR11-09-170 LABPREP	< 2	< 5	< 5	< 0.3	5.33	< 3	135	< 1	5	1.92	< 0.3	26	59	18	3.39	23	< 1	0.55	85	3.93	585	< 1	3.76	0.009
TR11-09-171 Replicate Original	< 2	< 5	< 5																					
TR11-09-171 LABDUP	< 2	< 5	< 5																					
TR11-09-185 Replicate Original	< 2	< 5	< 5	< 0.3	4.99	< 3	223	< 1	3	3.56	< 0.3	10	41	29	2.06	25	< 1	0.41	11	0.78	297	< 1	3.33	0.014
TR11-09-185 LABDUP	< 2	< 5	< 5	< 0.3	5.02	5	225	< 1	2	3.57	< 0.3	10	32	32	2.04	25	< 1	0.42	11	0.78	289	1	3.37	0.014
TR11-09-190 Split Original	< 2	< 5	< 5	< 0.3	5.02	< 3	224	< 1	4	3.50	< 0.3	11	48	24	2.24	25	< 1	0.52	13	0.96	372	< 1	3.61	0.027
TR11-09-190 LABPREP	< 2	< 5	< 5	< 0.3	4.99	< 3	226	< 1	4	3.58	< 0.3	11	38	27	2.20	25	< 1	0.50	12	0.94	366	< 1	3.50	0.026

Activation Laboratories Ltd. Report: A11-13740

Quality Control

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine
Date Analyzed	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05

PD1 LABSTD

PK2 LABSTD

PK2 LABSTD

TR11-09-150 Replicate Original	298	< 3	< 5	0.02	35	213	< 2	0.06	< 5	< 10	102	< 5	3	< 5	54
TR11-09-150 LABDUP	301	< 3	< 5	0.02	35	217	2	0.06	< 5	< 10	104	< 5	3	< 5	55
TR11-09-161 Replicate Original															
TR11-09-161 LABDUP															
TR11-09-164 Replicate Original	288	< 3	< 5	< 0.01	36	309	< 2	0.07	< 5	< 10	106	< 5	3	6	47
TR11-09-164 LABDUP	283	< 3	< 5	< 0.01	33	293	< 2	0.07	< 5	< 10	101	< 5	3	6	44
TR11-09-170 Split Original	87	< 3	< 5	< 0.01	13	319	< 2	0.07	< 5	< 10	60	< 5	2	12	43
TR11-09-170 LABPREP	86	< 3	< 5	< 0.01	13	322	< 2	0.07	< 5	< 10	60	< 5	2	12	41
TR11-09-171 Replicate Original															
TR11-09-171 LABDUP															
TR11-09-185 Replicate Original	17	< 3	< 5	0.03	4	425	< 2	0.10	< 5	< 10	29	< 5	2	19	42
TR11-09-185 LABDUP	18	3	< 5	0.03	4	427	< 2	0.10	< 5	< 10	30	< 5	2	19	43
TR11-09-190 Split Original	18	< 3	< 5	0.01	6	399	2	0.15	< 5	< 10	44	< 5	3	28	35
TR11-09-190 LABPREP	18	4	< 5	0.02	6	391	< 2	0.14	< 5	< 10	43	< 5	3	28	40



Date Submitted: 18-Nov-11
Invoice No.: A11-13741
Invoice Date: 30-Nov-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

4 Pulp samples and 66 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13741

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A11-13741

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM
TR11-10-049	7	< 5	< 5	< 0.3	4.80	< 3	155	< 1	< 2	5.68	< 0.3	29	56	27	5.05	24	< 1	0.46	16	3.22	880	< 1	2.78	0.016
TR11-10-050	2	< 5	< 5	< 0.3	5.00	< 3	159	< 1	< 2	6.07	< 0.3	31	64	37	5.54	24	< 1	0.46	17	3.43	945	< 1	2.75	0.018
TR11-10-051	3	< 5	< 5	< 0.3	4.92	< 3	166	< 1	< 2	6.01	< 0.3	33	62	51	6.01	23	< 1	0.42	20	3.63	1080	< 1	2.89	0.011
TR11-10-052	24	8	< 5	< 0.3	5.36	< 3	179	< 1	< 2	5.77	< 0.3	29	51	48	5.41	24	< 1	0.47	19	3.13	873	< 1	3.05	0.042
TR11-10-053	9	18	6	< 0.3	4.78	< 3	156	< 1	5	6.35	0.3	35	141	40	5.83	22	< 1	0.45	18	4.12	1020	< 1	2.57	0.028
TR11-10-054	28	< 5	< 5	< 0.3	5.25	< 3	186	< 1	< 2	5.30	< 0.3	23	95	130	3.64	24	< 1	0.49	15	2.17	588	< 1	3.29	0.023
TR11-10-055	4	< 5	< 5	< 0.3	5.91	12	190	< 1	< 2	5.21	< 0.3	19	29	33	3.61	27	4	0.33	17	1.95	579	< 1	3.65	0.028
TR11-10-056	4	< 5	< 5	< 0.3	4.47	< 3	158	< 1	< 2	5.44	0.5	23	56	26	4.17	24	< 1	0.42	16	2.53	777	< 1	3.16	0.015
TR11-10-057	4	< 5	< 5	< 0.3	5.04	< 3	155	< 1	< 2	6.11	0.5	25	107	31	4.87	26	< 1	0.36	16	2.89	861	< 1	2.97	0.019
TR11-10-058	10	< 5	< 5	0.3	5.38	< 3	170	< 1	3	6.18	< 0.3	19	23	84	3.80	26	1	0.34	13	2.02	616	< 1	3.23	0.040
TR11-10-059	30	24	8	< 0.3	4.40	< 3	118	< 1	< 2	6.37	0.9	43	115	52	6.42	22	< 1	0.32	14	4.60	1170	< 1	2.25	0.019
TR11-10-060	1140	3440	781	< 0.3	7.22	< 3	32	< 1	2	10.0	0.9	29	152	250	4.52	17	< 1	0.09	2	3.87	616	10	1.10	0.003
TR11-10-061	41	17	< 5	< 0.3	4.87	< 3	117	< 1	< 2	6.20	0.9	44	74	72	5.97	24	< 1	0.29	17	4.04	1060	< 1	2.37	0.019
TR11-10-062	4	< 5	< 5	< 0.3	5.35	< 3	179	< 1	< 2	5.39	0.3	27	39	46	4.84	27	< 1	0.39	18	2.53	804	< 1	3.36	0.019
TR11-10-063	6	< 5	< 5	< 0.3	5.18	< 3	209	< 1	4	5.36	< 0.3	29	48	42	4.58	25	< 1	0.56	18	3.23	896	< 1	3.22	0.023
TR11-10-064	3	< 5	< 5	< 0.3	4.90	< 3	168	< 1	4	4.98	0.6	34	93	19	5.78	25	< 1	0.38	21	3.96	1170	< 1	2.82	0.087
TR11-10-065	4	< 5	< 5	< 0.3	5.20	< 3	205	< 1	< 2	4.76	0.4	31	76	28	5.27	26	< 1	0.29	20	3.50	993	< 1	3.17	0.032
TR11-10-066	< 2	< 5	< 5	< 0.3	3.86	< 3	237	< 1	< 2	4.07	0.4	20	61	23	3.43	27	< 1	0.48	19	2.12	710	< 1	3.52	0.023
TR11-10-067	< 2	< 5	< 5	< 0.3	4.62	< 3	231	< 1	< 2	4.19	0.7	21	39	42	3.81	25	< 1	0.53	15	1.99	679	< 1	3.24	0.012
TR11-10-068	< 2	< 5	< 5	< 0.3	4.85	< 3	202	< 1	< 2	3.37	0.3	18	32	28	3.49	25	< 1	0.55	23	1.81	608	< 1	3.44	0.012
TR11-10-069	< 2	< 5	< 5	0.3	4.35	< 3	157	< 1	< 2	0.95	< 0.3	9	11	17	1.94	19	< 1	0.56	22	1.22	240	< 1	4.47	0.014
TR11-10-070	< 2	< 5	< 5	0.5	4.44	< 3	220	< 1	< 2	1.74	0.5	7	9	23	1.91	20	< 1	0.78	25	1.12	277	1	4.15	0.018

Activation Laboratories Ltd. Report: A11-13741

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM

TR11-10-001	2	< 3	< 5	0.01	< 4	137	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	11
TR11-10-002	102	10	< 5	1.35	13	263	< 2	0.30	< 5	< 10	145	14	15	45	84
TR11-10-003	28	4	< 5	0.04	12	250	3	0.16	< 5	< 10	64	< 5	14	35	41
TR11-10-004	37	< 3	< 5	< 0.01	12	399	< 2	0.29	< 5	10	70	5	4	29	63
TR11-10-005	55	7	< 5	0.03	11	409	< 2	0.26	7	10	72	13	3	28	59
TR11-10-006	50	< 3	< 5	0.02	15	409	5	0.33	< 5	10	84	< 5	6	25	68
TR11-10-007	18	4	< 5	0.01	4	286	< 2	0.23	< 5	10	48	< 5	2	60	48
TR11-10-008	45	3	< 5	0.01	14	413	< 2	0.40	< 5	10	91	< 5	6	33	61
TR11-10-009	37	< 3	< 5	0.02	11	421	< 2	0.36	< 5	10	74	< 5	4	23	67
TR11-10-010	48	< 3	< 5	< 0.01	16	390	3	0.21	< 5	10	52	< 5	6	19	69
TR11-10-011	59	< 3	< 5	0.01	19	372	< 2	0.15	12	10	39	< 5	7	12	75
TR11-10-012	64	< 3	< 5	0.02	18	378	6	0.25	< 5	< 10	62	< 5	7	21	75
TR11-10-013	71	< 3	< 5	0.02	20	366	< 2	0.30	< 5	10	89	< 5	8	27	77
TR11-10-014	68	< 3	< 5	0.02	19	363	< 2	0.33	< 5	10	93	< 5	7	18	76
TR11-10-015	60	< 3	< 5	0.01	16	370	4	0.31	< 5	10	88	< 5	6	22	76
TR11-10-016	54	< 3	< 5	< 0.01	16	386	4	0.29	< 5	10	72	< 5	7	21	67
TR11-10-017	36	< 3	< 5	< 0.01	7	324	< 2	0.31	< 5	< 10	74	< 5	3	34	46
TR11-10-018	54	< 3	< 5	0.02	15	349	< 2	0.41	< 5	10	98	< 5	6	27	61
TR11-10-019	62	< 3	< 5	0.03	20	364	< 2	0.42	< 5	< 10	138	< 5	4	20	78
TR11-10-020	25	4	< 5	0.05	12	256	4	0.30	< 5	< 10	86	10	14	29	41
TR11-10-021	62	< 3	< 5	0.02	13	390	6	0.14	< 5	10	67	< 5	3	12	60
TR11-10-022	10	< 3	< 5	0.02	< 4	402	< 2	0.15	< 5	10	29	< 5	< 1	29	32
TR11-10-023	13	< 3	< 5	< 0.01	< 4	413	< 2	0.15	5	10	32	< 5	< 1	25	34
TR11-10-024	45	< 3	< 5	0.01	13	416	10	0.27	< 5	10	64	7	5	16	65
TR11-10-025	41	4	< 5	0.11	17	383	7	0.30	< 5	10	73	< 5	9	39	72
TR11-10-026	43	< 3	< 5	0.02	15	379	< 2	0.39	6	< 10	90	< 5	7	22	65
TR11-10-027	47	4	< 5	0.02	18	369	3	0.34	< 5	< 10	91	< 5	8	25	66
TR11-10-028	47	< 3	< 5	0.04	19	303	10	0.57	< 5	10	138	< 5	6	20	78
TR11-10-029	47	18	< 5	0.03	15	302	6	0.41	< 5	10	101	< 5	5	22	62
TR11-10-030	31	< 3	< 5	0.03	9	344	< 2	0.26	< 5	< 10	61	< 5	2	12	47
TR11-10-031	47	< 3	< 5	0.06	16	299	< 2	0.11	8	10	42	< 5	4	7	60
TR11-10-032	68	< 3	< 5	0.05	19	281	< 2	0.32	< 5	10	101	< 5	5	18	62
TR11-10-033	68	< 3	< 5	0.05	20	292	6	0.37	< 5	10	114	< 5	4	18	60
TR11-10-034	88	< 3	< 5	0.02	20	346	< 2	0.40	7	10	109	< 5	4	19	47
TR11-10-035	114	< 3	< 5	0.02	21	297	4	0.31	< 5	10	100	< 5	4	14	64
TR11-10-036	119	< 3	< 5	0.02	19	303	< 2	0.33	< 5	10	104	< 5	4	15	61
TR11-10-037	96	< 3	< 5	0.05	15	267	5	0.36	< 5	< 10	118	< 5	3	15	65
TR11-10-038	115	< 3	< 5	0.07	21	301	< 2	0.32	9	< 10	112	< 5	6	15	75
TR11-10-039	117	< 3	< 5	0.03	22	323	< 2	0.35	< 5	< 10	114	< 5	7	19	79
TR11-10-040	< 1	< 3	< 5	0.01	< 4	169	2	< 0.01	< 5	10	3	< 5	< 1	< 5	13
TR11-10-041	127	< 3	< 5	0.04	22	273	3	0.32	< 5	< 10	116	< 5	7	17	74
TR11-10-042	107	< 3	< 5	0.04	20	309	10	0.32	< 5	10	106	< 5	7	21	65
TR11-10-043	98	< 3	< 5	0.04	24	342	7	0.39	< 5	< 10	119	< 5	8	28	80
TR11-10-044	99	< 3	< 5	0.03	25	324	< 2	0.46	< 5	< 10	137	< 5	8	32	78
TR11-10-045	91	< 3	< 5	0.03	25	334	4	0.41	< 5	< 10	121	< 5	7	23	65
TR11-10-046	107	< 3	< 5	0.02	17	283	< 2	0.40	< 5	< 10	128	< 5	4	21	76
TR11-10-047	100	< 3	< 5	0.04	19	308	3	0.40	< 5	< 10	125	< 5	6	19	72
TR11-10-048	73	< 3	< 5	0.02	16	328	< 2	0.32	7	< 10	102	< 5	4	22	58

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM	Nov 25 2011 9:40AM
TR11-10-049	96	< 3	< 5	0.02	18	310	3	0.22	< 5	< 10	84	< 5	4	14	67
TR11-10-050	106	< 3	< 5	0.04	19	323	< 2	0.34	< 5	10	115	< 5	4	16	65
TR11-10-051	109	< 3	< 5	0.08	21	321	6	0.38	< 5	< 10	77	< 5	4	18	59
TR11-10-052	88	< 3	< 5	0.06	19	399	< 2	0.24	< 5	< 10	119	< 5	3	8	59
TR11-10-053	122	< 3	< 5	0.05	28	347	< 2	0.19	< 5	10	114	< 5	5	15	73
TR11-10-054	96	< 3	< 5	0.13	11	423	< 2	0.17	< 5	10	61	< 5	3	10	48
TR11-10-055	50	< 3	< 5	0.04	9	423	< 2	0.21	7	10	55	< 5	3	9	51
TR11-10-056	62	< 3	< 5	0.05	15	381	< 2	0.24	< 5	< 10	96	< 5	3	11	57
TR11-10-057	66	< 3	< 5	0.04	20	428	< 2	0.27	< 5	10	116	< 5	4	15	58
TR11-10-058	37	< 3	< 5	0.10	9	513	3	0.18	< 5	10	74	< 5	2	10	46
TR11-10-059	150	< 3	< 5	0.06	31	337	< 2	0.18	< 5	< 10	121	< 5	4	17	88
TR11-10-060	530	15	< 5	0.10	13	110	< 2	0.06	< 5	10	52	< 5	2	6	43
TR11-10-061	134	< 3	< 5	0.07	25	366	< 2	0.17	< 5	< 10	114	< 5	3	11	87
TR11-10-062	69	< 3	< 5	0.05	17	374	8	0.26	< 5	10	96	< 5	3	14	64
TR11-10-063	106	< 3	< 5	0.04	22	368	< 2	0.12	< 5	10	66	< 5	4	13	80
TR11-10-064	117	12	< 5	0.03	19	313	< 2	0.12	< 5	< 10	55	11	3	11	114
TR11-10-065	116	< 3	< 5	< 0.01	15	334	< 2	0.12	< 5	< 10	50	< 5	3	11	108
TR11-10-066	63	< 3	< 5	< 0.01	6	322	3	0.10	< 5	10	40	< 5	1	10	71
TR11-10-067	51	< 3	< 5	0.01	13	305	6	0.24	< 5	< 10	83	< 5	3	17	72
TR11-10-068	46	7	< 5	< 0.01	15	404	< 2	0.23	5	< 10	70	< 5	3	13	62
TR11-10-069	15	6	< 5	< 0.01	< 4	164	< 2	0.11	< 5	< 10	25	< 5	2	20	65
TR11-10-070	16	10	< 5	< 0.01	4	286	3	0.11	< 5	10	28	< 5	2	21	130

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Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES-Tbay-Lac Des Iles Mine	1C-Exp ICPOES-Tbay-Lac Des Iles Mine	1C-Exp ICPOES-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-29 11:20:00	2011-11-29 11:20:00	2011-11-29 11:20:00	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-25 09:40:05	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	
PD1 LABSTD	526	568	447																					
PD1 LABSTD	519	575	452																					
PK2 LABSTD	5210	6150	4970																					
PK2 LABSTD	5230	6040	5030																					
PK2 LABSTD	5160	6110	4700																					
TR11-10-003 Replicate Original				0.6	3.00	< 3	493	< 1	< 2	2.10	0.3	11	43	23	2.61	15	< 1	0.86	12	0.81	484	< 1	2.18	0.047
TR11-10-003 LABDUP				0.7	3.01	4	492	< 1	2	2.10	0.3	11	44	23	2.58	15	< 1	0.85	12	0.81	494	< 1	2.20	0.047
TR11-10-011 Replicate Original	< 2	< 5	< 5																					
TR11-10-011 LABDUP	< 2	< 5	< 5																					
TR11-10-016 Replicate Original				< 0.3	5.12	< 3	137	< 1	< 2	6.00	< 0.3	25	36	42	4.99	26	< 1	0.26	14	2.29	783	< 1	3.13	0.037
TR11-10-016 LABDUP				< 0.3	4.90	< 3	134	< 1	< 2	5.94	0.3	24	35	42	4.88	25	< 1	0.26	13	2.25	785	< 1	3.08	0.037
TR11-10-021 Replicate Original	2	< 5	< 5																					
TR11-10-021 LABDUP	3	< 5	< 5																					
TR11-10-030 Replicate Original				< 0.3	5.05	< 3	146	< 1	< 2	4.80	< 0.3	17	17	29	3.31	24	1	0.25	10	1.53	541	< 1	3.23	0.017
TR11-10-030 Split Original	< 2	< 5	< 5	< 0.3	5.04	< 3	145	< 1	< 2	4.76	< 0.3	17	20	29	3.27	24	< 1	0.25	10	1.52	540	< 1	3.20	0.017
TR11-10-030 LABDUP				< 0.3	5.03	< 3	144	< 1	< 2	4.72	< 0.3	16	22	29	3.22	25	< 1	0.25	10	1.51	539	< 1	3.18	0.018
TR11-10-030 LABPREP	< 2	< 5	< 5	< 0.3	5.05	< 3	146	< 1	< 2	4.73	< 0.3	17	17	29	3.32	25	< 1	0.25	10	1.52	565	3	3.24	0.017
TR11-10-032 Replicate Original	< 2	< 5	< 5																					
TR11-10-032 LABDUP	< 2	< 5	< 5																					
TR11-10-045 Replicate Original	< 2	< 5	< 5																					
TR11-10-045 LABDUP	< 2	< 5	< 5																					
TR11-10-050 Split Original	2	< 5	< 5	< 0.3	5.00	< 3	159	< 1	< 2	6.07	< 0.3	31	64	37	5.54	24	< 1	0.46	17	3.43	945	< 1	2.75	0.018
TR11-10-050 LABPREP	< 2	< 5	< 5	< 0.3	5.68	< 3	158	< 1	< 2	6.15	0.4	32	64	35	5.58	23	< 1	0.48	17	3.53	923	< 1	2.79	0.020
TR11-10-051 Replicate Original				< 0.3	4.93	< 3	166	< 1	< 2	6.01	< 0.3	33	59	50	5.99	23	< 1	0.42	20	3.62	1070	< 1	2.89	0.011
TR11-10-051 LABDUP				< 0.3	4.91	< 3	166	< 1	< 2	6.02	0.4	33	65	51	6.03	23	< 1	0.42	20	3.63	1090	< 1	2.89	0.012
TR11-10-055 Replicate Original	4	< 5	< 5																					
TR11-10-055 LABDUP	3	< 5	< 5																					
TR11-10-061 Split Original	41	17	< 5	< 0.3	4.87	< 3	117	< 1	< 2	6.20	0.9	44	74	72	5.97	24	< 1	0.29	17	4.04	1060	< 1	2.37	0.019
TR11-10-061 LABPREP	37	14	< 5	< 0.3	5.01	< 3	120	< 1	< 2	6.44	< 0.3	38	79	73	6.20	23	< 1	0.30	17	4.16	1080	1	2.44	0.020
TR11-10-065 Replicate Original	4	< 5	< 5	< 0.3	5.15	< 3	202	< 1	< 2	4.71	0.3	31	72	28	5.21	26	< 1	0.29	20	3.46	985	< 1	3.14	0.031
TR11-10-065 LABDUP	4	< 5	< 5	< 0.3	5.26	< 3	209	< 1	4	4.80	0.5	31	79	28	5.33	26	< 1	0.30	20	3.55	1000	< 1	3.21	0.032

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Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-25 09:40:05	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	2011-11-28 12:04:37	

PD1 LABSTD																
PD1 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
PK2 LABSTD																
TR11-10-003 Replicate Original	28	5	< 5	0.04	12	248	3	0.15	< 5	< 10	62	< 5	14	33	41	
TR11-10-003 LABDUP	28	4	< 5	0.04	12	252	2	0.17	< 5	< 10	66	< 5	14	37	41	
TR11-10-011 Replicate Original																
TR11-10-011 LABDUP																
TR11-10-016 Replicate Original	55	< 3	< 5	< 0.01	16	392	4	0.31	< 5	10	78	< 5	7	22	67	
TR11-10-016 LABDUP	54	< 3	< 5	0.01	16	380	3	0.27	< 5	10	66	< 5	7	20	67	
TR11-10-021 Replicate Original																
TR11-10-021 LABDUP																
TR11-10-030 Replicate Original	31	< 3	< 5	0.02	9	349	< 2	0.26	< 5	< 10	61	< 5	2	12	48	
TR11-10-030 Split Original	31	< 3	< 5	0.03	9	344	< 2	0.26	< 5	< 10	61	< 5	2	12	47	
TR11-10-030 LABDUP	30	3	< 5	0.03	9	338	< 2	0.25	< 5	10	61	< 5	2	11	47	
TR11-10-030 LABPREP	30	< 3	< 5	0.04	9	346	9	0.25	< 5	10	60	< 5	2	11	48	
TR11-10-032 Replicate Original																
TR11-10-032 LABDUP																
TR11-10-045 Replicate Original																
TR11-10-045 LABDUP																
TR11-10-050 Split Original	106	< 3	< 5	0.04	19	323	< 2	0.34	< 5	10	115	< 5	4	16	65	
TR11-10-050 LABPREP	107	< 3	< 5	0.05	22	322	< 2	0.38	< 5	< 10	122	< 5	5	17	64	
TR11-10-051 Replicate Original	110	< 3	< 5	0.08	21	320	7	0.30	< 5	< 10	56	< 5	4	15	59	
TR11-10-051 LABDUP	109	< 3	< 5	0.08	21	322	6	0.46	< 5	< 10	97	< 5	4	21	58	
TR11-10-055 Replicate Original																
TR11-10-055 LABDUP																
TR11-10-061 Split Original	134	< 3	< 5	0.07	25	366	< 2	0.17	< 5	< 10	114	< 5	3	11	87	
TR11-10-061 LABPREP	138	< 3	< 5	0.08	25	383	< 2	0.18	< 5	10	117	< 5	3	11	91	
TR11-10-065 Replicate Original	115	< 3	< 5	< 0.01	15	329	< 2	0.12	< 5	< 10	50	< 5	2	11	107	
TR11-10-065 LABDUP	117	3	< 5	< 0.01	16	339	< 2	0.13	5	< 10	50	< 5	3	12	109	



Date Submitted: 18-Nov-11
Invoice No.: A11-13743
Invoice Date: 01-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

3 Pulp samples and 27 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13743**

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
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Activation Laboratories Ltd. Report: A11-13743

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	
TR11-10-071	4	< 5	< 5	< 0.3	0.04	4	61	< 1	< 2	18.3	< 0.3	< 1	2	1	0.10	< 1	< 1	0.03	6	10.9	390	< 1	0.03	0.004
TR11-10-072	214	471	98	1.1	4.12	38	147	< 1	< 2	5.48	2.3	21	49	1660	4.81	38	< 1	1.95	15	1.64	622	31	1.64	0.088
TR11-10-073	6	< 5	8	0.4	2.90	7	469	< 1	< 2	2.17	< 0.3	11	39	24	2.43	27	< 1	0.86	11	0.77	411	2	2.02	0.044
TR11-10-074	< 2	< 5	< 5	< 0.3	4.99	< 3	191	< 1	< 2	2.00	< 0.3	15	28	16	2.93	45	< 1	0.72	33	1.62	372	< 1	3.66	0.011
TR11-10-075	< 2	< 5	< 5	< 0.3	5.37	4	174	< 1	< 2	3.52	< 0.3	33	36	32	5.18	51	< 1	0.62	38	2.75	778	< 1	2.97	0.009
TR11-10-076	< 2	< 5	< 5	< 0.3	4.92	6	162	< 1	5	5.75	< 0.3	46	25	57	6.97	49	< 1	0.59	17	2.79	1190	< 1	2.27	0.008
TR11-10-077	18	< 5	< 5	< 0.3	4.84	< 3	106	< 1	< 2	6.05	< 0.3	49	16	56	8.00	49	2	0.34	14	2.59	1180	< 1	2.31	0.006
TR11-10-078	< 2	< 5	< 5	< 0.3	5.50	< 3	119	< 1	< 2	5.82	< 0.3	35	15	25	5.11	52	< 1	0.32	12	2.32	772	< 1	2.83	0.009
TR11-10-079	< 2	< 5	< 5	< 0.3	5.19	5	157	< 1	< 2	5.43	0.3	28	26	61	4.39	53	2	0.42	14	1.70	676	< 1	2.81	0.008
TR11-10-080	< 2	< 5	< 5	< 0.3	5.49	< 3	164	< 1	< 2	4.70	< 0.3	15	30	23	2.71	50	< 1	0.36	10	1.25	456	< 1	3.37	0.010
TR11-10-081	< 2	< 5	< 5	< 0.3	5.28	< 3	157	< 1	< 2	5.52	< 0.3	30	43	15	4.29	49	< 1	0.41	12	2.69	756	< 1	2.60	0.005
TR11-10-082	8	< 5	< 5	< 0.3	5.08	5	121	< 1	< 2	5.86	< 0.3	37	64	28	5.05	47	< 1	0.38	16	3.19	808	< 1	2.31	0.006
TR11-10-083	11	< 5	< 5	< 0.3	5.43	< 3	109	< 1	< 2	5.58	< 0.3	31	32	58	4.56	52	< 1	0.35	13	2.52	691	< 1	2.74	0.014
TR11-10-084	12	7	< 5	< 0.3	5.95	< 3	110	< 1	< 2	6.54	< 0.3	27	30	35	3.81	56	1	0.40	11	2.39	633	< 1	2.67	0.006
TR11-10-085	10	21	6	< 0.3	4.35	< 3	105	< 1	< 2	5.96	0.4	42	355	36	5.75	43	2	0.38	16	4.47	962	< 1	2.12	0.013
TR11-10-086	24	18	19	< 0.3	1.89	< 3	10	< 1	< 2	6.37	0.5	72	896	36	8.68	26	< 1	0.06	18	8.46	1540	< 1	0.38	0.010
TR11-10-087	< 2	9	11	< 0.3	4.29	< 3	106	< 1	< 2	6.32	< 0.3	44	414	8	5.86	39	< 1	0.37	19	4.87	998	< 1	1.68	0.010
TR11-10-088	< 2	10	< 5	< 0.3	3.81	< 3	80	< 1	< 2	8.45	< 0.3	46	394	12	5.98	34	< 1	0.26	11	5.42	1100	< 1	1.27	0.010
TR11-10-089	< 2	< 5	< 5	< 0.3	3.54	3	64	< 1	< 2	8.47	0.3	39	528	10	4.96	39	< 1	0.17	5	4.77	964	< 1	1.20	0.008
TR11-10-090	< 2	< 5	< 5	< 0.3	2.84	< 3	457	< 1	< 2	2.11	0.3	10	41	20	2.37	26	< 1	0.84	11	0.76	446	2	1.95	0.045
TR11-10-091	< 2	< 5	< 5	< 0.3	4.08	< 3	75	< 1	< 2	8.83	< 0.3	40	414	11	4.95	40	< 1	0.22	7	4.86	968	< 1	1.27	0.008
TR11-10-092	< 2	< 5	< 5	< 0.3	3.84	< 3	91	< 1	< 2	8.54	0.4	41	420	9	5.12	35	< 1	0.27	8	5.01	993	< 1	1.23	0.009
TR11-10-093	< 2	6	< 5	< 0.3	3.57	< 3	81	< 1	< 2	8.84	< 0.3	46	382	6	5.78	36	< 1	0.28	9	5.72	1100	< 1	1.13	0.008
TR11-10-094	< 2	< 5	< 5	< 0.3	4.92	4	78	< 1	< 2	8.80	0.3	39	183	11	4.65	43	< 1	0.24	7	4.68	845	< 1	1.22	0.003
TR11-10-095	< 2	7	< 5	< 0.3	5.10	< 3	99	< 1	< 2	8.69	0.5	36	176	3	4.47	40	< 1	0.29	9	4.52	848	< 1	1.44	0.005
TR11-10-096	< 2	7	< 5	< 0.3	2.97	< 3	69	< 1	< 2	9.23	0.5	49	522	6	6.03	31	< 1	0.25	9	6.62	1160	< 1	0.92	0.007
TR11-10-097	3	< 5	< 5	< 0.3	2.37	< 3	67	< 1	< 2	8.67	< 0.3	54	683	9	6.47	28	< 1	0.25	10	7.50	1280	< 1	0.78	0.009
TR11-10-098	< 2	< 5	< 5	< 0.3	3.42	4	106	< 1	< 2	7.33	0.4	51	442	3	6.02	37	1	0.41	15	6.46	1130	< 1	1.13	0.007
TR11-10-099	< 2	< 5	< 5	< 0.3	3.80	< 3	85	< 1	< 2	6.91	< 0.3	50	277	7	5.74	29	< 1	0.27	10	6.21	1080	< 1	1.06	0.005
TR11-10-100	< 2	< 5	< 5	< 0.3	3.57	< 3	86	< 1	< 2	7.02	0.3	53	308	9	6.11	31	< 1	0.26	7	6.47	1100	< 1	0.99	0.006

Activation Laboratories Ltd. Report: A11-13743

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM

TR11-10-071	3	< 3	< 5	< 0.01	< 4	123	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	13
TR11-10-072	93	13	< 5	1.27	14	250	7	0.31	< 5	< 10	143	7	14	46	79
TR11-10-073	26	< 3	< 5	0.04	12	236	< 2	0.21	< 5	< 10	71	< 5	14	33	38
TR11-10-074	37	< 3	< 5	< 0.01	6	304	< 2	0.14	< 5	< 10	52	< 5	2	13	39
TR11-10-075	65	< 3	< 5	0.05	16	349	< 2	0.13	< 5	< 10	71	< 5	2	11	47
TR11-10-076	60	< 3	< 5	0.18	33	313	< 2	0.25	< 5	< 10	215	< 5	4	14	57
TR11-10-077	46	< 3	< 5	0.14	37	309	5	0.36	< 5	< 10	260	< 5	2	9	56
TR11-10-078	39	< 3	< 5	0.04	17	356	< 2	0.21	< 5	< 10	169	< 5	2	8	47
TR11-10-079	37	< 3	< 5	0.36	19	373	< 2	0.13	< 5	< 10	109	< 5	2	9	37
TR11-10-080	30	< 3	< 5	0.15	7	424	< 2	0.08	< 5	< 10	34	< 5	1	9	37
TR11-10-081	74	< 3	< 5	0.02	15	367	< 2	0.13	< 5	< 10	80	< 5	2	6	47
TR11-10-082	98	< 3	< 5	0.03	17	326	17	0.12	< 5	< 10	84	< 5	3	11	63
TR11-10-083	74	< 3	< 5	0.05	13	390	< 2	0.15	< 5	< 10	74	< 5	3	10	54
TR11-10-084	77	< 3	< 5	0.03	13	440	< 2	0.10	< 5	< 10	61	< 5	1	< 5	45
TR11-10-085	153	< 3	< 5	0.03	25	298	< 2	0.17	< 5	< 10	118	< 5	3	8	54
TR11-10-086	319	4	< 5	0.01	48	34	34	0.18	< 5	< 10	197	< 5	6	15	79
TR11-10-087	162	< 3	< 5	< 0.01	26	303	11	0.11	< 5	< 10	121	< 5	4	12	63
TR11-10-088	161	< 3	< 5	0.01	44	257	< 2	0.18	< 5	< 10	187	< 5	6	14	49
TR11-10-089	148	< 3	< 5	< 0.01	42	243	< 2	0.16	< 5	< 10	178	< 5	6	15	35
TR11-10-090	27	< 3	< 5	0.04	12	227	< 2	0.23	< 5	< 10	77	6	13	45	36
TR11-10-091	147	< 3	< 5	< 0.01	42	289	< 2	0.16	< 5	< 10	175	< 5	5	14	39
TR11-10-092	152	< 3	< 5	< 0.01	42	280	< 2	0.16	< 5	< 10	176	< 5	5	14	35
TR11-10-093	178	< 3	< 5	< 0.01	47	240	< 2	0.17	< 5	< 10	198	< 5	6	15	45
TR11-10-094	146	3	< 5	< 0.01	32	340	< 2	0.11	< 5	< 10	136	< 5	3	7	35
TR11-10-095	142	< 3	< 5	< 0.01	30	375	< 2	0.10	< 5	< 10	125	< 5	3	7	32
TR11-10-096	215	< 3	< 5	< 0.01	51	198	< 2	0.18	< 5	< 10	212	< 5	7	15	40
TR11-10-097	245	< 3	< 5	0.01	54	129	< 2	0.18	< 5	< 10	215	< 5	7	16	41
TR11-10-098	235	< 3	< 5	< 0.01	40	220	< 2	0.15	< 5	< 10	177	< 5	5	13	45
TR11-10-099	242	< 3	< 5	< 0.01	35	247	< 2	0.12	< 5	< 10	148	< 5	4	9	41
TR11-10-100	252	< 3	< 5	< 0.01	35	244	< 2	0.13	< 5	< 10	157	< 5	4	11	45

Activation Laboratories Ltd. Report: A11-13743

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23
PD1 LABSTD	525	574	437																					
PK2 LABSTD	5190	6000	4910																					
TR11-10-080 Replicate Original	< 2	< 5	< 5																					
TR11-10-080 LABDUP Original	< 2	< 5	< 5	< 0.3	5.40	< 3	108	< 1	< 2	5.54	< 0.3	31	31	58	4.55	54	1	0.35	13	2.51	690	< 1	2.74	0.013
TR11-10-083 LABDUP Original				< 0.3	5.46	4	110	< 1	< 2	5.61	< 0.3	31	33	58	4.57	50	< 1	0.35	14	2.53	692	< 1	2.74	0.014
TR11-10-091 Replicate Original	< 2	< 5	< 5																					
TR11-10-091 LABDUP Original	< 2	< 5	< 5	< 0.3	2.38	< 3	67	< 1	< 2	8.74	< 0.3	54	698	10	6.54	27	< 1	0.25	10	7.57	1290	< 1	0.79	0.010
TR11-10-097 LABDUP Original				< 0.3	2.36	< 3	66	< 1	< 2	8.61	< 0.3	53	669	8	6.40	29	< 1	0.25	10	7.44	1270	< 1	0.77	0.008
TR11-10-100 Split Original	< 2	< 5	< 5	< 0.3	3.57	< 3	86	< 1	< 2	7.02	0.3	53	308	9	6.11	31	< 1	0.26	7	6.47	1100	< 1	0.99	0.006
TR11-10-100 LABPREP	< 2	< 5	< 5	< 0.3	3.61	< 3	86	< 1	6	7.13	< 0.3	54	365	9	6.14	35	1	0.26	7	6.60	1120	< 1	1.01	0.007

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	

PD1 LABSTD

PK2 LABSTD

TR11-10-080 Replicate Original

TR11-10-080 LABDUP

TR11-10-083 Replicate Original	75	< 3	< 5	0.05	13	390	< 2	0.15	< 5	< 10	74	< 5	3	9	49
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TR11-10-083 LABDUP

TR11-10-091 Replicate Original	74	< 3	< 5	0.05	14	391	4	0.15	< 5	< 10	74	< 5	3	11	58
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TR11-10-091 LABDUP

TR11-10-097 Replicate Original	246	< 3	< 5	0.01	54	130	< 2	0.18	< 5	< 10	214	< 5	7	17	42
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TR11-10-097 LABDUP

TR11-10-100 Split Original	252	< 3	< 5	< 0.01	35	244	< 2	0.13	< 5	< 10	157	< 5	4	11	45
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TR11-10-100 LABPREP

TR11-10-100 LABPREP	262	6	< 5	< 0.01	36	243	< 2	0.13	< 5	< 10	159	< 5	4	11	46
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Quality Analysis ...



Innovative Technologies

Date Submitted: 18-Nov-11
Invoice No.: A11-13744
Invoice Date: 06-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

4 Pulp samples and 63 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13744**

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.
Quality Control



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Activation Laboratories Ltd. Report: A11-13744

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES-Tbay-Lac De	1C-Exp ICPOES-Tbay-Lac De	1C-Exp ICPOES-Tbay-Lac De	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 30 2011 9:39AM	Nov 30 2011 9:39AM	Nov 30 2011 9:39AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM
TR11-11-001	<2	<5	<5	<0.3	0.03	<3	50	<1	<2	18.1	<0.3	<1	9	1	0.06	<1	<1	0.02	4	10.6	311	<1	0.02	0.003
TR11-11-002	216	477	109	1.1	4.07	37	135	<1	<2	5.29	1.8	19	50	1610	4.63	34	<1	1.90	15	1.60	610	28	1.62	0.086
TR11-11-003	5	<5	<5	<0.3	2.90	<3	459	<1	<2	2.12	0.3	10	38	23	2.39	28	<1	0.85	11	0.76	415	2	1.98	0.044
TR11-11-004	<2	<5	<5	<0.3	4.84	5	184	<1	<2	3.69	<0.3	13	22	12	2.66	46	<1	0.71	22	1.12	388	<1	3.05	0.038
TR11-11-005	<2	<5	<5	<0.3	4.90	5	158	<1	<2	4.03	<0.3	14	21	10	2.78	49	<1	0.60	19	1.12	400	<1	3.14	0.039
TR11-11-006	<2	<5	<5	<0.3	3.61	<3	133	<1	<2	3.62	<0.3	11	21	9	2.38	46	<1	0.45	16	0.82	380	<1	2.92	0.033
TR11-11-007	<2	<5	<5	<0.3	4.47	7	142	<1	<2	4.07	<0.3	11	23	15	2.59	47	<1	0.46	15	0.89	414	<1	3.11	0.041
TR11-11-008	<2	<5	<5	<0.3	4.75	<3	166	<1	<2	4.29	<0.3	13	17	11	3.00	51	<1	0.46	14	0.98	515	<1	3.14	0.048
TR11-11-009	<2	<5	<5	0.3	4.46	<3	269	<1	<2	3.00	<0.3	12	13	48	3.85	53	2	0.63	15	0.54	364	<1	2.94	0.065
TR11-11-010	<2	<5	<5	<0.3	4.97	3	142	<1	<2	4.43	<0.3	14	16	12	2.99	51	2	0.40	13	0.99	480	<1	3.22	0.046
TR11-11-011	<2	<5	<5	<0.3	4.89	5	128	<1	<2	4.24	<0.3	11	16	19	2.69	49	1	0.54	14	0.86	388	<1	3.11	0.044
TR11-11-012	<2	<5	<5	<0.3	4.91	<3	118	<1	<2	4.29	<0.3	11	18	6	2.69	50	1	0.43	13	0.90	456	<1	3.21	0.042
TR11-11-013	<2	<5	<5	<0.3	4.92	6	122	<1	<2	4.18	<0.3	12	15	4	2.85	50	<1	0.39	13	0.91	450	<1	3.26	0.043
TR11-11-014	13	<5	7	<0.3	4.82	<3	121	<1	<2	4.01	<0.3	11	15	11	2.59	47	<1	0.46	14	0.87	383	1	3.21	0.043
TR11-11-015	<2	<5	<5	<0.3	4.83	<3	124	<1	<2	4.20	<0.3	12	18	7	2.76	49	2	0.41	9	0.91	393	<1	3.13	0.045
TR11-11-016	<2	<5	<5	<0.3	4.87	<3	107	<1	<2	4.16	0.4	13	23	9	2.87	49	2	0.43	12	0.99	464	<1	3.06	0.045
TR11-11-017	<2	<5	<5	<0.3	3.97	<3	104	<1	<2	4.35	<0.3	10	17	9	2.70	48	<1	0.38	18	0.89	409	<1	2.67	0.041
TR11-11-018	<2	<5	<5	<0.3	4.68	<3	130	<1	<2	3.93	<0.3	11	17	4	2.55	49	<1	0.58	19	1.03	402	<1	2.79	0.035
TR11-11-019	26	<5	<5	<0.3	4.32	<3	120	<1	<2	2.69	<0.3	9	9	23	1.99	40	<1	0.60	17	0.71	237	<1	2.92	0.020
TR11-11-020	4	<5	<5	<0.3	2.94	5	469	<1	<2	2.18	0.3	11	33	22	2.44	25	1	0.86	11	0.77	419	<1	2.00	0.043
TR11-11-021	<2	<5	<5	<0.3	4.72	6	94	<1	<2	4.26	<0.3	12	14	9	2.54	45	<1	0.47	16	0.94	366	<1	2.61	0.033
TR11-11-022	<2	<5	<5	<0.3	4.78	4	113	<1	<2	4.26	<0.3	11	17	17	2.62	49	<1	0.53	16	0.96	396	<1	2.74	0.037
TR11-11-023	<2	<5	<5	<0.3	4.99	<3	141	<1	<2	4.06	<0.3	14	17	16	2.98	49	<1	0.50	15	1.05	471	<1	3.16	0.045
TR11-11-024	<2	<5	<5	<0.3	5.08	<3	172	<1	<2	4.41	<0.3	14	19	28	3.16	49	1	0.56	16	1.09	487	<1	3.14	0.051
TR11-11-025	<2	<5	<5	<0.3	5.11	<3	179	<1	<2	4.47	0.3	13	18	23	2.93	51	<1	0.41	11	0.96	398	<1	3.12	0.046
TR11-11-026	<2	<5	<5	<0.3	4.89	<3	193	<1	<2	4.30	<0.3	12	17	22	2.64	53	<1	0.45	10	0.88	356	<1	3.08	0.045
TR11-11-027	3	<5	<5	<0.3	3.12	16	191	<1	<2	3.95	<0.3	12	27	20	2.53	48	4	0.34	11	0.71	404	<1	2.99	0.031
TR11-11-028	<2	<5	<5	<0.3	4.70	<3	261	<1	<2	3.77	<0.3	11	20	10	2.44	50	1	0.46	12	0.89	402	<1	3.18	0.046
TR11-11-029	<2	<5	<5	<0.3	4.58	<3	275	<1	<2	3.65	<0.3	10	24	17	2.49	47	<1	0.41	11	0.76	410	<1	3.26	0.042
TR11-11-030	<2	<5	<5	<0.3	4.43	5	262	<1	<2	2.77	<0.3	7	11	13	1.90	44	<1	0.46	14	0.55	266	2	3.17	0.027
TR11-11-031	<2	<5	<5	<0.3	4.63	<3	221	<1	<2	3.92	<0.3	14	17	35	3.17	47	<1	0.61	16	1.30	496	<1	3.11	0.060
TR11-11-032	<2	<5	<5	<0.3	5.38	5	192	<1	<2	4.75	0.4	18	23	25	4.28	58	3	0.69	20	1.61	592	<1	3.33	0.094
TR11-11-033	<2	<5	<5	<0.3	4.84	7	165	<1	<2	5.62	<0.3	28	63	44	5.60	49	<1	0.60	19	2.55	846	<1	2.79	0.063
TR11-11-034	<2	<5	<5	<0.3	3.78	6	126	<1	<2	6.12	0.6	40	130	117	7.20	42	<1	0.54	23	3.42	1080	<1	1.76	0.023
TR11-11-035	<2	<5	6	<0.3	3.78	<3	94	<1	<2	6.95	0.4	40	145	121	8.06	45	<1	0.48	19	3.76	1110	<1	1.63	0.019
TR11-11-036	<2	<5	<5	<0.3	3.10	<3	155	<1	<2	3.95	<0.3	14	38	15	2.54	42	<1	0.43	12	0.95	407	1	2.84	0.029
TR11-11-037	<2	<5	<5	<0.3	4.81	<3	163	<1	<2	4.12	<0.3	13	24	9	2.56	47	2	0.48	12	1.10	364	<1	2.99	0.036
TR11-11-038	<2	<5	<5	<0.3	4.96	7	159	<1	<2	4.31	<0.3	13	17	25	2.65	51	2	0.45	12	1.16	380	<1	3.03	0.027
TR11-11-039	<2	<5	<5	<0.3	4.80	<3	148	<1	<2	4.31	<0.3	13	20	10	2.43	45	2	0.59	16	1.11	330	<1	2.94	0.025
TR11-11-040	<2	<5	<5	<0.3	0.03	5	70	<1	<2	19.3	<0.3	<1	9	<1	0.07	<1	2	0.02	7	11.5	386	2	0.03	0.004
TR11-11-041	<2	<5	<5	<0.3	4.83	<3	153	<1	<2	4.10	<0.3	11	15	14	2.31	24	2	0.54	15	1.00	337	<1	3.20	0.023
TR11-11-042	<2	<5	<5	0.3	4.71	<3	184	<1	<2	3.43	<0.3	10	16	10	2.16	22	<1	0.40	13	0.78	308	<1	3.40	0.014
TR11-11-043	<2	<5	<5	<0.3	3.89	<3	149	<1	<2	2.80	<0.3	8	17	9	1.82	21	1	0.45	12	0.63	316	<1	3.39	0.021
TR11-11-044	<2	<5	<5	<0.3	4.66	<3	166	<1	<2	2.90	0.3	8	18	10	2.13	22	8	0.49	13	0.74	353	<1	3.76	0.017
TR11-11-045	<2	<5	<5	<0.3	4.37	<3	223	<1	<2	2.67	<0.3	5	7	9	1.24	19	1	0.42	8	0.38	164	1	3.50	0.013
TR11-11-046	<2	<5	<5	0.4	4.21	<3	288	<1	<2	2.42	<0.3	4	10	19	1.32	19	<1	0.61	8	0.39	167	5	3.48	0.011
TR11-11-047	<2	<5	<5	0.3	4.01	<3	431	<1	<2	2.35	<0.3	1	8	16	0.91	18	<1	0.53	6	0.20	110	<1	3.36	0.007
TR11-11-048	<2	<5	<5	<0.3	4.06	<3	304	<1	<2	2.51	<0.3	3	38	26	0.89	18	<1	0.54	7	0.28	120	2	3.28	0.007

Activation Laboratories Ltd. Report: A11-13744

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 30 2011 9:39AM	Nov 30 2011 9:39AM	Nov 30 2011 9:39AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM
TR11-11-049	14	< 5	6	0.3	4.66	< 3	220	< 1	< 2	3.19	< 0.3	8	32	9	1.94	22	< 1	0.76	14	0.85	276	< 1	3.27	0.013
TR11-11-050	< 2	< 5	< 5	0.4	4.75	< 3	164	< 1	< 2	4.08	< 0.3	11	57	10	2.49	25	< 1	0.61	17	1.03	359	< 1	2.89	0.046
TR11-11-051	< 2	< 5	< 5	0.5	4.83	< 3	154	< 1	< 2	3.93	< 0.3	10	31	11	2.22	23	6	0.63	13	0.87	353	< 1	3.09	0.015
TR11-11-052	< 2	< 5	< 5	< 0.3	4.84	< 3	181	< 1	< 2	6.08	< 0.3	34	116	8	4.66	18	< 1	0.99	28	3.97	862	< 1	1.77	0.012
TR11-11-053	< 2	< 5	< 5	< 0.3	3.22	< 3	166	< 1	< 2	7.70	< 0.3	43	433	2	5.48	16	< 1	0.94	19	5.28	1110	< 1	0.95	0.006
TR11-11-054	< 2	< 5	< 5	< 0.3	4.25	< 3	264	< 1	< 2	6.47	< 0.3	42	336	1	4.98	16	< 1	1.46	28	5.01	972	< 1	1.31	0.007
TR11-11-055	< 2	7	< 5	< 0.3	3.48	< 3	158	< 1	< 2	6.20	0.3	54	339	3	5.83	15	< 1	0.87	21	6.46	1110	< 1	1.19	0.009
TR11-11-056	< 2	< 5	< 5	< 0.3	2.21	< 3	82	< 1	< 2	6.42	0.4	66	884	4	7.20	13	< 1	0.37	22	8.47	1400	< 1	0.73	0.012
TR11-11-057	< 2	< 5	< 5	< 0.3	1.97	< 3	83	< 1	< 2	6.77	0.6	68	1330	4	7.28	12	< 1	0.37	16	9.34	1400	< 1	0.50	0.008
TR11-11-058	< 2	< 5	< 5	< 0.3	1.92	< 3	65	< 1	< 2	6.61	1.2	69	1180	2	7.21	13	< 1	0.29	19	9.30	1420	< 1	0.51	0.009
TR11-11-059	< 2	< 5	< 5	< 0.3	1.67	< 3	55	< 1	3	6.66	0.4	61	1200	3	7.09	11	< 1	0.25	14	9.03	1410	< 1	0.47	0.008
TR11-11-060	1170	3310	767	0.4	6.85	< 3	29	< 1	7	9.64	< 0.3	32	143	224	4.40	15	< 1	0.09	2	3.57	593	9	1.02	0.003
TR11-11-061	10	8	8	< 0.3	1.99	< 3	86	< 1	3	6.72	0.7	70	1180	7	7.56	13	< 1	0.35	12	9.57	1420	< 1	0.51	0.008
TR11-11-062	3	< 5	< 5	< 0.3	1.88	< 3	55	< 1	< 2	7.03	0.8	66	1120	2	7.56	12	< 1	0.22	16	9.66	1580	< 1	0.52	0.007
TR11-11-063	< 2	< 5	< 5	< 0.3	1.80	< 3	71	< 1	< 2	6.79	0.4	72	1270	3	7.69	13	< 1	0.29	16	9.93	1510	< 1	0.44	0.008
TR11-11-064	< 2	< 5	< 5	< 0.3	1.66	< 3	70	< 1	4	6.38	0.9	68	1390	4	7.17	15	< 1	0.28	13	9.18	1400	< 1	0.40	0.008
TR11-11-065	< 2	5	< 5	< 0.3	1.65	< 3	46	< 1	< 2	6.54	1.1	71	1690	4	7.40	15	< 1	0.19	12	9.32	1480	< 1	0.47	0.008
TR11-11-066	< 2	8	< 5	< 0.3	1.72	< 3	72	< 1	< 2	6.60	1.0	67	1810	10	7.51	13	< 1	0.28	10	9.56	1460	< 1	0.42	0.008
TR11-11-067	< 2	< 5	< 5	< 0.3	1.74	< 3	80	< 1	2	6.69	0.4	73	1390	6	7.60	14	< 1	0.31	12	9.86	1480	< 1	0.43	0.008

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Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
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TR11-11-001	4	< 3	< 5	< 0.01	< 4	118	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	23
TR11-11-002	96	12	< 5	1.23	13	242	5	0.30	< 5	< 10	139	< 5	14	45	76
TR11-11-003	25	< 3	< 5	0.04	12	231	< 2	0.19	< 5	< 10	71	< 5	13	34	36
TR11-11-004	24	< 3	< 5	< 0.01	7	391	< 2	0.14	< 5	< 10	28	< 5	3	22	54
TR11-11-005	26	< 3	< 5	0.01	8	397	< 2	0.10	< 5	< 10	23	< 5	4	18	45
TR11-11-006	18	< 3	8	< 0.01	4	341	2	0.23	< 5	< 10	50	< 5	2	35	43
TR11-11-007	16	< 3	< 5	0.01	6	392	2	0.20	< 5	< 10	40	< 5	3	37	47
TR11-11-008	18	< 3	< 5	< 0.01	9	394	< 2	0.10	< 5	< 10	17	< 5	5	26	51
TR11-11-009	12	< 3	< 5	0.08	5	354	< 2	0.19	< 5	< 10	21	< 5	5	104	37
TR11-11-010	21	< 3	< 5	< 0.01	9	414	< 2	0.08	< 5	< 10	14	< 5	5	22	45
TR11-11-011	20	< 3	< 5	0.01	8	407	< 2	0.13	< 5	< 10	22	< 5	5	26	46
TR11-11-012	16	< 3	< 5	< 0.01	9	407	< 2	0.10	< 5	< 10	16	< 5	5	24	39
TR11-11-013	18	< 3	< 5	< 0.01	8	403	< 2	0.13	< 5	< 10	22	< 5	5	27	40
TR11-11-014	15	< 3	< 5	< 0.01	8	381	< 2	0.13	< 5	< 10	22	< 5	4	30	39
TR11-11-015	15	< 3	< 5	< 0.01	8	401	< 2	0.15	< 5	< 10	23	< 5	4	31	43
TR11-11-016	17	< 3	< 5	0.01	9	417	< 2	0.11	< 5	< 10	20	< 5	5	28	44
TR11-11-017	17	< 3	< 5	0.01	7	460	< 2	0.24	< 5	< 10	46	< 5	4	45	38
TR11-11-018	17	< 3	< 5	< 0.01	11	438	< 2	0.12	< 5	< 10	21	< 5	4	31	38
TR11-11-019	26	< 3	< 5	< 0.01	< 4	339	< 2	0.07	< 5	< 10	15	< 5	2	43	44
TR11-11-020	26	< 3	< 5	0.04	12	240	< 2	0.14	< 5	< 10	58	< 5	14	30	37
TR11-11-021	21	< 3	< 5	< 0.01	6	434	< 2	0.10	< 5	< 10	17	< 5	3	20	47
TR11-11-022	21	< 3	< 5	< 0.01	8	437	< 2	0.13	< 5	< 10	27	< 5	4	28	40
TR11-11-023	18	< 3	< 5	< 0.01	9	403	< 2	0.15	< 5	< 10	25	< 5	4	24	51
TR11-11-024	20	< 3	< 5	< 0.01	8	407	< 2	0.15	< 5	< 10	27	< 5	4	28	53
TR11-11-025	18	< 3	< 5	< 0.01	7	424	2	0.13	< 5	< 10	23	< 5	4	18	52
TR11-11-026	16	< 3	< 5	< 0.01	7	408	4	0.13	< 5	< 10	24	< 5	5	14	47
TR11-11-027	25	< 3	< 5	< 0.01	4	342	< 2	0.24	< 5	< 10	56	8	3	18	48
TR11-11-028	19	< 3	< 5	< 0.01	7	370	< 2	0.20	< 5	< 10	39	< 5	4	20	50
TR11-11-029	15	< 3	< 5	0.01	8	469	< 2	0.10	< 5	< 10	21	< 5	4	24	55
TR11-11-030	10	< 3	< 5	0.02	< 4	304	< 2	0.12	< 5	< 10	22	< 5	2	42	41
TR11-11-031	17	< 3	< 5	0.04	8	336	< 2	0.14	< 5	< 10	46	< 5	4	36	53
TR11-11-032	23	< 3	< 5	0.03	12	425	5	0.29	< 5	< 10	81	< 5	5	31	67
TR11-11-033	58	< 3	< 5	0.05	24	343	24	0.33	< 5	< 10	128	< 5	10	45	72
TR11-11-034	112	< 3	< 5	0.07	37	385	8	0.42	< 5	< 10	232	< 5	14	57	101
TR11-11-035	120	4	< 5	0.06	39	421	< 2	0.43	< 5	< 10	250	< 5	14	42	74
TR11-11-036	26	< 3	< 5	< 0.01	5	284	< 2	0.22	< 5	< 10	70	< 5	2	22	43
TR11-11-037	27	< 3	< 5	< 0.01	8	336	< 2	0.21	< 5	< 10	52	< 5	2	17	39
TR11-11-038	28	< 3	< 5	< 0.01	7	353	< 2	0.13	< 5	< 10	34	< 5	4	17	42
TR11-11-039	27	< 3	< 5	< 0.01	6	315	< 2	0.15	< 5	< 10	39	< 5	3	16	35
TR11-11-040	1	< 3	< 5	< 0.01	< 4	125	< 2	< 0.01	< 5	10	4	< 5	< 1	< 5	11
TR11-11-041	21	< 3	< 5	< 0.01	6	360	< 2	0.16	< 5	10	36	< 5	4	23	36
TR11-11-042	17	< 3	< 5	0.03	6	360	< 2	0.13	5	10	35	< 5	3	29	37
TR11-11-043	12	< 3	< 5	< 0.01	6	294	< 2	0.13	9	< 10	33	< 5	3	36	37
TR11-11-044	16	< 3	< 5	< 0.01	5	333	< 2	0.16	< 5	10	29	< 5	2	37	36
TR11-11-045	6	< 3	< 5	0.02	< 4	304	< 2	0.09	< 5	10	21	< 5	2	43	24
TR11-11-046	7	< 3	< 5	0.03	< 4	325	< 2	0.08	< 5	10	15	< 5	2	49	30
TR11-11-047	3	9	< 5	0.03	< 4	317	< 2	0.04	< 5	10	7	9	1	40	25
TR11-11-048	6	10	< 5	0.03	< 4	341	< 2	0.04	5	< 10	10	< 5	1	35	29

Activation Laboratories Ltd. Report: A11-13744

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM

TR11-11-049	18	22	< 5	0.02	< 4	361	< 2	0.11	< 5	10	30	8	2	36	59
TR11-11-050	23	< 3	< 5	0.04	5	374	< 2	0.16	< 5	< 10	32	< 5	4	28	34
TR11-11-051	19	< 3	< 5	0.03	5	416	< 2	0.14	< 5	10	41	< 5	2	27	29
TR11-11-052	113	< 3	< 5	0.05	25	297	6	0.11	< 5	< 10	99	< 5	4	11	54
TR11-11-053	160	< 3	< 5	< 0.01	44	207	6	0.15	< 5	< 10	181	< 5	7	14	50
TR11-11-054	156	< 3	< 5	< 0.01	35	246	7	0.13	9	< 10	147	< 5	5	11	50
TR11-11-055	291	< 3	< 5	< 0.01	33	229	8	0.12	< 5	< 10	146	< 5	5	12	49
TR11-11-056	348	< 3	< 5	< 0.01	44	113	< 2	0.15	< 5	< 10	184	< 5	6	16	57
TR11-11-057	358	< 3	< 5	< 0.01	45	95	3	0.15	< 5	< 10	184	< 5	6	14	52
TR11-11-058	356	< 3	< 5	< 0.01	46	85	< 2	0.15	< 5	< 10	188	< 5	6	16	58
TR11-11-059	338	< 3	< 5	< 0.01	45	88	6	0.15	< 5	< 10	187	< 5	6	14	56
TR11-11-060	545	5	< 5	0.09	11	102	< 2	0.05	5	< 10	48	< 5	2	6	41
TR11-11-061	364	< 3	< 5	< 0.01	47	111	3	0.16	7	< 10	194	< 5	6	15	54
TR11-11-062	369	< 3	< 5	< 0.01	48	103	6	0.15	< 5	< 10	193	< 5	6	14	62
TR11-11-063	378	< 3	< 5	< 0.01	49	83	< 2	0.15	< 5	< 10	198	< 5	6	15	54
TR11-11-064	357	< 3	< 5	< 0.01	45	80	< 2	0.15	< 5	< 10	181	< 5	6	14	53
TR11-11-065	363	< 3	< 5	< 0.01	46	91	< 2	0.15	< 5	< 10	188	< 5	6	15	53
TR11-11-066	370	< 3	< 5	< 0.01	48	86	< 2	0.15	< 5	< 10	192	< 5	6	15	54
TR11-11-067	378	6	< 5	< 0.01	50	85	< 2	0.16	< 5	< 10	197	< 5	6	16	56

Activation Laboratories Ltd. Report: A11-13744

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-11- 30 09:39:18	2011-11- 30 09:39:18	2011-11- 30 09:39:18	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00
PD1 LABSTD	503	536	438																					
PD1 LABSTD	535	581	460																					
PK2 LABSTD	4920	5890	4860																					
PK2 LABSTD	5290	6120	5090																					
TR11-11-010 Replicate Original	< 2	< 5	< 5																					
TR11-11-010 LABDUP	< 2	< 5	< 5																					
TR11-11-017 Replicate Original				< 0.3	3.21	< 3	100	< 1	< 2	4.24	< 0.3	10	19	8	2.61	48	< 1	0.33	17	0.79	404	< 1	2.64	0.038
TR11-11-017 LABDUP				< 0.3	4.72	< 3	108	< 1	< 2	4.46	< 0.3	10	15	10	2.78	47	< 1	0.43	18	1.00	413	< 1	2.69	0.045
TR11-11-021 Replicate Original	< 2	< 5	< 5																					
TR11-11-021 LABDUP	< 2	< 5	< 5																					
TR11-11-031 Replicate Original	< 2	< 5	< 5	< 0.3	4.62	4	222	< 1	< 2	3.94	< 0.3	13	18	35	3.21	46	< 1	0.61	16	1.30	500	< 1	3.13	0.060
TR11-11-031 LABDUP	< 2	< 5	< 5	< 0.3	4.64	< 3	220	< 1	< 2	3.91	< 0.3	14	17	36	3.13	47	< 1	0.61	16	1.29	492	< 1	3.09	0.059
TR11-11-045 Replicate Original	< 2	< 5	< 5																					
TR11-11-045 LABDUP	< 2	< 5	< 5																					
TR11-11-050 Split Original	< 2	< 5	< 5	0.4	4.75	< 3	164	< 1	< 2	4.08	< 0.3	11	57	10	2.49	25	< 1	0.61	17	1.03	359	< 1	2.89	0.046
TR11-11-050 LABPREP	< 2	< 5	< 5	0.5	4.58	< 3	158	< 1	< 2	3.92	< 0.3	11	41	11	2.35	24	< 1	0.58	15	0.96	337	< 1	2.74	0.036
TR11-11-052 Replicate Original				< 0.3	5.11	< 3	190	< 1	4	6.38	< 0.3	36	115	10	4.96	18	< 1	1.04	29	4.18	909	< 1	1.87	0.012
TR11-11-052 LABDUP				< 0.3	4.58	< 3	171	< 1	< 2	5.77	< 0.3	33	117	7	4.37	19	< 1	0.95	26	3.76	815	< 1	1.68	0.011
TR11-11-055 Replicate Original	< 2	6	< 5																					
TR11-11-055 LABDUP	< 2	8	< 5																					
TR11-11-061 Split Original	10	8	8	< 0.3	1.99	< 3	86	< 1	3	6.72	0.7	70	1180	7	7.56	13	< 1	0.35	12	9.57	1420	< 1	0.51	0.008
TR11-11-061 LABPREP	< 2	7	< 5	< 0.3	2.05	< 3	84	< 1	< 2	6.60	< 0.3	67	1050	6	7.39	15	< 1	0.34	12	9.35	1400	< 1	0.50	0.008
TR11-11-066 Replicate Original	< 2	6	< 5	< 0.3	1.76	< 3	74	< 1	< 2	6.72	0.5	71	1840	10	7.61	14	< 1	0.29	11	9.73	1490	< 1	0.43	0.009
TR11-11-066 LABDUP	< 2	9	< 5	< 0.3	1.68	< 3	70	< 1	< 2	6.48	1.4	62	1790	10	7.40	13	< 1	0.27	10	9.39	1430	< 1	0.41	0.008

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	

PD1 LABSTD

PD1 LABSTD

PK2 LABSTD

PK2 LABSTD

TR11-11-010 Replicate
Original

TR11-11-010 LABDUP

TR11-11-017 Replicate Original	15	< 3	< 5	0.01	5	434	< 2	0.27	< 5	< 10	53	< 5	3	43	37
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TR11-11-017 LABDUP	19	< 3	< 5	0.01	8	486	< 2	0.20	< 5	< 10	39	< 5	4	46	38
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TR11-11-021 Replicate
Original

TR11-11-021 LABDUP	17	< 3	< 5	0.04	8	339	< 2	0.14	< 5	< 10	48	< 5	4	37	53
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TR11-11-031 Replicate Original	17	< 3	< 5	0.04	8	334	2	0.13	< 5	< 10	43	< 5	4	35	53
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TR11-11-031 LABDUP	17	< 3	< 5	0.04	8	334	2	0.13	< 5	< 10	43	< 5	4	35	53
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TR11-11-045 Replicate
Original

TR11-11-045 LABDUP	23	< 3	< 5	0.04	5	374	< 2	0.16	< 5	< 10	32	< 5	4	28	34
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TR11-11-050 Split Original	22	< 3	< 5	0.05	5	358	< 2	0.20	< 5	< 10	42	< 5	3	30	31
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TR11-11-050 LABPREP	118	< 3	< 5	0.05	26	310	7	0.11	< 5	< 10	103	< 5	4	12	56
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TR11-11-052 Replicate
Original

TR11-11-052 LABDUP	107	< 3	< 5	0.04	23	283	5	0.10	< 5	< 10	94	< 5	4	11	51
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TR11-11-055 Replicate
Original

TR11-11-055 LABDUP	364	< 3	< 5	< 0.01	47	111	3	0.16	7	< 10	194	< 5	6	15	54
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TR11-11-061 Split Original	359	< 3	< 5	< 0.01	46	111	< 2	0.16	< 5	< 10	192	< 5	6	15	53
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TR11-11-061 LABPREP	376	< 3	< 5	< 0.01	48	85	5	0.16	< 5	< 10	195	< 5	6	15	56
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TR11-11-066 Replicate
Original

TR11-11-066 LABDUP	365	< 3	< 5	< 0.01	47	86	< 2	0.15	< 5	< 10	189	< 5	6	15	53
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Date Submitted: 18-Nov-11
Invoice No.: A11-13745
Invoice Date: 05-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

2 Pulp samples and 4 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13745**

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A11-13745

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	
Date Analyzed	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 11:20AM	Nov 29 2011 9:56AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 30 2011 11:34AM	Nov 29 2011 9:56AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	
TR11-12-001	< 2	< 5	< 5	< 0.3	0.04	< 3	50	< 1	< 2	19.1	< 0.3	< 1	5	1	0.09	< 1	1	0.03	8	11.8	407	1	0.03	0.004
TR11-12-002	241	498	112	1.4	4.30	35	388	< 1	< 2	5.65	2.1	21	75	1710	5.10	18	< 1	2.12	17	1.76	706	32	1.83	0.096
TR11-12-003	2	< 5	< 5	1.1	2.76	< 3	484	< 1	< 2	2.03	0.3	11	56	22	2.45	14	< 1	0.89	11	0.78	473	4	2.09	0.049
TR11-12-004	< 2	< 5	< 5	< 0.3	3.79	< 3	644	< 1	< 2	2.11	< 0.3	7	12	9	2.00	19	< 1	1.73	16	0.50	375	3	2.78	0.031
TR11-12-005	< 2	< 5	< 5	< 0.3	4.26	6	380	< 1	< 2	4.67	0.4	27	112	56	5.49	41	2	1.32	24	2.42	820	< 1	2.54	0.089
TR11-12-006	< 2	< 5	< 5	< 0.3	4.19	< 3	443	< 1	< 2	3.20	< 0.3	14	60	22	3.32	47	< 1	1.19	20	0.95	492	< 1	2.73	0.045

Activation Laboratories Ltd. Report: A11-13745

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Nov 29 2011 9:56AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 29 2011 9:56AM	Nov 30 2011 11:34AM	Nov 29 2011 9:56AM

TR11-12-001	< 1	< 3	< 5	< 0.01	< 4	116	< 2	< 0.01	< 5	10	3	< 5	< 1	< 5	12
TR11-12-002	103	7	< 5	1.39	15	268	< 2	0.31	< 5	10	144	5	17	49	84
TR11-12-003	28	< 3	< 5	0.04	11	235	3	0.28	< 5	< 10	84	22	15	59	38
TR11-12-004	8	3	< 5	0.03	7	199	4	0.19	< 5	< 10	40	< 5	11	93	43
TR11-12-005	98	6	< 5	0.06	17	319	6	0.28	< 5	< 10	80	< 5	18	72	88
TR11-12-006	31	< 3	< 5	0.02	9	256	< 2	0.18	< 5	< 10	38	< 5	7	90	62

Activation Laboratories Ltd. Report: A11-13745

Quality Control																									
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P	
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 29 11:20:00	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23
PD1 LABSTD	520	579	470																						
PK2 LABSTD	5300	6190	5090																						
TR11-12-006 Split Original	< 2	< 5	< 5	< 0.3	4.19	< 3	443	< 1	< 2	3.20	< 0.3	14	60	22	3.32	47	< 1	1.19	20	0.95	492	< 1	2.73	0.045	
TR11-12-006 LABPREP	< 2	< 5	< 5	< 0.3	4.20	7	450	< 1	< 2	3.23	< 0.3	14	36	22	3.43	45	< 1	1.21	20	0.96	502	< 1	2.75	0.044	

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	

PD1 LABSTD

PK2 LABSTD

TR11-12-006 Split Original	31	< 3	< 5	0.02	9	256	< 2	0.18	< 5	< 10	38	< 5	7	90	62
TR11-12-006 LABPREP	30	4	< 5	0.03	9	256	< 2	0.16	< 5	< 10	35	< 5	7	81	61

Quality Analysis ...



Innovative Technologies

Date Submitted: 18-Nov-11
Invoice No.: A11-13746
Invoice Date: 12-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

2 Pulp samples and 5 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13746

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.

Quality Control



ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or
+1 888 228 5227 FAX +1 905 648 9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-13746 rev 1

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Dec 9 2011 12:00PM	Dec 9 2011 12:00PM	Dec 9 2011 12:00PM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM
TR11-13-001	< 2	< 5	< 5	< 0.3	0.04	< 3	174	< 1	< 2	18.9	< 0.3	< 1	4	3	0.08	< 1	< 1	0.02	4	11.1	378	< 1	0.02	0.005
TR11-13-002	206	487	107	1.1	3.97	32	120	< 1	< 2	5.35	2.1	20	57	1570	4.60	40	< 1	1.87	15	1.59	602	29	1.59	0.085
TR11-13-003	6	< 5	< 5	0.6	2.45	< 3	450	< 1	< 2	2.08	0.3	10	66	22	2.34	21	2	0.82	11	0.72	448	3	1.97	0.045
TR11-13-004	< 2	< 5	< 5	< 0.3	4.22	< 3	643	1	< 2	3.71	< 0.3	19	146	14	3.08	39	< 1	1.91	20	1.94	499	< 1	2.49	0.051
TR11-13-005	< 2	< 5	< 5	< 0.3	4.33	< 3	681	1	< 2	3.75	1.0	18	106	10	3.19	40	2	2.17	14	1.96	512	< 1	2.66	0.048
TR11-13-006	< 2	< 5	< 5	< 0.3	4.32	< 3	664	1	< 2	3.97	< 0.3	18	98	25	3.17	41	< 1	2.01	22	1.99	518	< 1	2.57	0.047
TR11-13-007	< 2	< 5	< 5	< 0.3	4.34	< 3	717	1	< 2	3.89	< 0.3	18	80	17	3.13	42	< 1	2.06	19	1.94	499	< 1	2.58	0.046

Activation Laboratories Ltd. Report: A11-13746 rev 1

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM	Nov 30 2011 11:34AM

TR11-13-001	1	6	< 5	< 0.01	< 4	125	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 5	12
TR11-13-002	91	10	< 5	1.25	13	238	< 2	0.30	< 5	< 10	138	< 5	14	44	74
TR11-13-003	25	< 3	< 5	0.04	9	221	< 2	0.27	< 5	< 10	83	12	10	50	35
TR11-13-004	70	3	< 5	< 0.01	10	419	< 2	0.26	< 5	< 10	76	< 5	10	65	45
TR11-13-005	70	9	< 5	< 0.01	10	412	< 2	0.14	< 5	< 10	43	< 5	10	44	47
TR11-13-006	71	13	< 5	< 0.01	11	411	< 2	0.11	< 5	< 10	38	< 5	9	35	47
TR11-13-007	67	11	< 5	< 0.01	11	414	5	0.14	< 5	< 10	43	< 5	9	40	47

Activation Laboratories Ltd. Report: A11-13746 rev 1

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	
Date Analyzed	2011-12- 09 12:00:03	2011-12- 09 12:00:03	2011-12- 09 12:00:03	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	2011-11- 30 11:34:23	
PK2 LABSTD	5150	6010	5040																					
TR11-13-007 Split Original	< 2	< 5	< 5	< 0.3	4.34	< 3	717	1	< 2	3.89	< 0.3	18	80	17	3.13	42	< 1	2.06	19	1.94	499	< 1	2.58	0.046
TR11-13-007 LABPREP	< 2	< 5	< 5	0.4	4.29	6	708	1	< 2	3.84	< 0.3	18	84	18	3.10	41	1	2.00	18	1.91	492	< 1	2.56	0.049

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	2011-11-30 11:34:23	

PK2 LABSTD																
TR11-13-007 Split Original	67	11	< 5	< 0.01	11	414	5	0.14	< 5	< 10	43	< 5	9	40	47	
TR11-13-007 LABPREP	70	8	< 5	< 0.01	10	408	< 2	0.20	< 5	< 10	59	< 5	9	50	47	



Date Submitted: 18-Nov-11
Invoice No.: A11-13747
Invoice Date: 05-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

3 Pulp samples and 19 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT A11-13747

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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+1 888 228 5227 FAX +1 905 648 9613
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Activation Laboratories Ltd. Report: A11-13747

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min	1F2-Tbay- Lac Des lles Min
Date Analyzed	Dec 2 2011 11:02AM	Dec 2 2011 11:02AM	Dec 2 2011 11:02AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM
TR11-14-001	<2	<5	<5	<0.3	0.04	<3	62	<1	<2	18.6	<0.3	<1	7	1	0.09	<1	1	0.03	5	10.8	377	<1	0.03	0.004
TR11-14-002	202	492	101	1.1	4.09	35	136	<1	<2	5.39	2.3	20	55	1610	4.66	36	<1	1.91	15	1.61	626	30	1.61	0.087
TR11-14-003	<2	<5	<5	<0.3	2.84	5	452	<1	<2	2.10	<0.3	10	36	23	2.36	27	1	0.83	10	0.74	402	<1	1.94	0.041
TR11-14-004	<2	<5	<5	<0.3	3.81	<3	261	<1	<2	6.61	0.4	47	516	32	5.09	40	1	0.95	18	5.82	781	<1	1.67	0.041
TR11-14-005	<2	<5	<5	<0.3	4.05	5	225	<1	<2	6.27	<0.3	39	444	26	4.33	37	<1	0.85	12	4.95	684	<1	1.72	0.041
TR11-14-006	<2	<5	<5	<0.3	4.00	<3	239	<1	<2	6.61	0.4	43	463	31	4.73	33	2	0.89	14	5.06	730	<1	1.88	0.039
TR11-14-007	<2	<5	<5	<0.3	3.54	23	393	<1	<2	5.61	<0.3	49	983	26	5.65	39	2	1.14	22	6.52	960	<1	1.56	0.042
TR11-14-008	<2	<5	<5	<0.3	5.33	9	553	<1	<2	5.69	<0.3	29	29	56	5.82	49	<1	1.49	22	2.68	700	<1	2.39	0.109
TR11-14-009	<2	<5	<5	<0.3	4.52	<3	266	<1	<2	6.14	<0.3	38	218	47	4.56	40	<1	0.84	11	4.40	706	<1	2.68	0.101
TR11-14-010	<2	<5	<5	<0.3	2.76	8	203	<1	<2	6.55	0.4	52	895	29	5.85	31	<1	0.65	12	6.83	981	<1	1.39	0.045
TR11-14-011	<2	<5	<5	<0.3	4.99	4	348	1	<2	5.19	<0.3	29	103	78	5.03	42	<1	1.01	11	2.72	597	<1	2.95	0.102
TR11-14-012	<2	<5	<5	<0.3	5.00	<3	376	1	<2	5.48	<0.3	28	136	74	4.96	42	<1	1.08	12	2.91	654	<1	3.01	0.110
TR11-14-013	<2	<5	<5	<0.3	4.31	<3	381	<1	<2	5.63	0.5	33	245	64	5.35	41	<1	1.09	12	3.92	841	<1	2.48	0.059
TR11-14-014	10	<5	<5	<0.3	3.53	<3	422	<1	<2	6.11	0.4	43	427	36	6.38	44	<1	1.19	16	5.71	1160	<1	1.66	0.024
TR11-14-015	<2	7	7	<0.3	2.68	<3	150	<1	<2	6.67	<0.3	57	971	13	5.47	34	<1	0.58	13	7.05	973	<1	1.44	0.030
TR11-14-016	<2	<5	<5	<0.3	4.37	<3	427	<1	<2	6.01	<0.3	24	101	8	5.16	50	<1	1.18	19	2.44	808	<1	2.55	0.115
TR11-14-017	<2	<5	<5	0.4	5.42	3	465	<1	<2	6.37	<0.3	26	65	15	5.71	25	<1	1.14	16	2.72	903	1	2.91	0.131
TR11-14-018	<2	<5	<5	0.5	5.76	<3	506	<1	<2	6.45	1.1	34	52	30	6.07	26	<1	1.31	18	2.73	924	<1	3.00	0.131
TR11-14-019	<2	<5	<5	0.3	3.56	<3	281	<1	<2	4.03	<0.3	22	11	47	4.41	19	1	0.76	13	1.58	569	<1	1.76	0.082
TR11-14-020	<2	<5	<5	0.4	2.91	<3	485	<1	<2	2.07	<0.3	11	28	21	2.47	18	<1	0.89	11	0.78	446	1	2.12	0.046
TR11-14-021	<2	<5	<5	0.3	4.84	<3	364	<1	<2	6.51	0.4	41	124	78	6.48	23	<1	1.17	12	3.72	1090	<1	2.64	0.068
TR11-14-022	<2	<5	<5	0.4	5.01	<3	331	1	<2	5.52	<0.3	25	32	37	4.42	25	<1	1.04	8	2.33	691	<1	3.48	0.074

Activation Laboratories Ltd. Report: A11-13747

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM
TR11-14-001	3	< 3	< 5	< 0.01	< 4	113	< 2	< 0.01	< 5	< 10	5	< 5	< 1	< 5	18
TR11-14-002	95	10	< 5	1.27	13	247	4	0.31	< 5	< 10	140	< 5	14	45	75
TR11-14-003	23	5	< 5	0.04	11	227	< 2	0.12	< 5	< 10	52	< 5	13	27	36
TR11-14-004	322	5	< 5	0.03	23	382	< 2	0.26	< 5	< 10	107	< 5	7	35	52
TR11-14-005	246	< 3	< 5	0.03	21	441	< 2	0.22	< 5	< 10	92	< 5	6	30	43
TR11-14-006	268	< 3	< 5	0.04	21	436	< 2	0.24	5	< 10	102	< 5	6	31	44
TR11-14-007	358	< 3	< 5	0.02	23	354	11	0.32	< 5	< 10	113	< 5	8	43	61
TR11-14-008	34	< 3	< 5	0.09	15	871	< 2	0.28	< 5	< 10	123	< 5	9	27	63
TR11-14-009	112	< 3	< 5	0.05	27	852	< 2	0.24	< 5	< 10	138	< 5	9	26	40
TR11-14-010	311	< 3	< 5	0.03	27	296	< 2	0.27	< 5	< 10	128	< 5	8	35	57
TR11-14-011	70	6	< 5	0.11	18	898	< 2	0.31	< 5	< 10	143	< 5	9	29	44
TR11-14-012	82	4	< 5	0.11	17	920	< 2	0.33	< 5	< 10	130	< 5	10	34	45
TR11-14-013	187	3	< 5	0.08	17	697	< 2	0.33	< 5	< 10	125	< 5	10	43	59
TR11-14-014	317	9	< 5	0.05	21	456	17	0.43	< 5	< 10	132	< 5	13	39	85
TR11-14-015	419	< 3	< 5	0.01	29	178	6	0.23	< 5	< 10	104	< 5	8	58	54
TR11-14-016	52	< 3	< 5	0.02	13	737	8	0.34	< 5	< 10	110	< 5	12	36	63
TR11-14-017	59	< 3	< 5	0.02	19	920	< 2	0.31	< 5	< 10	108	< 5	18	41	77
TR11-14-018	51	< 3	< 5	0.05	20	939	< 2	0.36	9	< 10	126	< 5	18	65	82
TR11-14-019	12	< 3	< 5	0.09	11	715	< 2	0.22	< 5	< 10	102	< 5	10	20	59
TR11-14-020	26	< 3	< 5	0.04	11	241	< 2	0.23	< 5	10	77	< 5	15	33	40
TR11-14-021	77	3	< 5	0.11	31	588	< 2	0.36	< 5	< 10	164	< 5	16	43	75
TR11-14-022	48	3	< 5	0.06	15	874	3	0.29	< 5	< 10	118	< 5	10	44	58

Activation Laboratories Ltd. Report: A11-13747

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-12- 02 11:02:34	2011-12- 02 11:02:34	2011-12- 02 11:02:34	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00
PD1 LABSTD	507	557	411																					
PD1 LABSTD	541	561	465																					
PK2 LABSTD	5070	5760	4810																					
TR11-14-002 Replicate Original				1.1	4.11	41	136	< 1	< 2	5.44	2.3	20	55	1620	4.67	35	< 1	1.92	15	1.63	633	30	1.62	0.087
TR11-14-002 LABDUP				1.1	4.07	30	136	< 1	4	5.34	2.3	19	54	1590	4.65	38	< 1	1.90	15	1.60	619	30	1.60	0.087
TR11-14-010 Replicate Original	< 2	< 5	< 5																					
TR11-14-010 LABDUP	< 2	< 5	< 5																					
TR11-14-016 Replicate Original				< 0.3	4.16	< 3	425	< 1	< 2	5.96	< 0.3	24	108	8	5.13	50	1	1.17	19	2.43	804	< 1	2.53	0.119
TR11-14-016 LABDUP				< 0.3	4.58	4	429	< 1	2	6.07	0.4	24	94	8	5.19	51	< 1	1.20	19	2.45	812	< 1	2.57	0.110
TR11-14-021 Replicate Original	< 2	< 5	< 5																					
TR11-14-021 LABDUP	< 2	< 5	< 5																					
TR11-14-022 Split Original	< 2	< 5	< 5	0.4	5.01	< 3	331	1	< 2	5.52	< 0.3	25	32	37	4.42	25	< 1	1.04	8	2.33	691	< 1	3.48	0.074
TR11-14-022 LABPREP	< 2	< 5	< 5	0.4	5.08	5	335	1	< 2	5.55	< 0.3	25	37	39	4.51	25	< 1	1.05	9	2.36	701	< 1	3.54	0.074

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	

PD1 LABSTD

PD1 LABSTD

PK2 LABSTD

TR11-14-002 Replicate Original	97	9	< 5	1.28	13	249	6	0.31	< 5	< 10	141	< 5	14	45	77
TR11-14-002 LABDUP	93	12	< 5	1.26	13	244	3	0.30	< 5	< 10	139	< 5	14	44	74
TR11-14-010 Replicate Original															
TR11-14-010 LABDUP															
TR11-14-016 Replicate Original	55	< 3	< 5	0.01	12	733	6	0.41	< 5	< 10	130	< 5	11	41	63
TR11-14-016 LABDUP	49	8	< 5	0.02	13	741	10	0.26	< 5	< 10	89	< 5	13	30	64
TR11-14-021 Replicate Original															
TR11-14-021 LABDUP															
TR11-14-022 Split Original	48	3	< 5	0.06	15	874	3	0.29	< 5	< 10	118	< 5	10	44	58
TR11-14-022 LABPREP	49	< 3	< 5	0.06	15	880	< 2	0.29	< 5	10	119	< 5	10	44	59

Quality Analysis ...



Innovative Technologies

Date Submitted: 18-Nov-11
Invoice No.: A11-13749
Invoice Date: 02-Dec-11
Your Reference: 05-001-24-01

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

2 Pulp samples and 14 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A11-13749**

Code 1C-Exp ICPOES-Tbay-Lac Des Iles Mine Fire Assay
ICPOES (OOP Fire Assay Tbay)
Code 1F2-Tbay-Lac Des Iles Mine Total Digestion ICP(TOTAL)

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Esemé, Ph.D.

Quality Control



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Activation Laboratories Ltd. Report: A11-13749

Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1C-Exp ICPOES- Tbay-Lac De	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min	1F2-Tbay- Lac Des Iles Min
Date Analyzed	Dec 2 2011 11:02AM	Dec 2 2011 11:02AM	Dec 2 2011 11:02AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM
TR11-15-001	<2	<5	<5	<0.3	0.04	<3	53	<1	<2	18.2	<0.3	<1	3	2	0.12	<1	1	0.02	5	10.7	369	<1	0.03	0.005
TR11-15-002	229	467	98	1.3	4.46	37	397	<1	<2	5.31	2.1	19	69	1520	4.74	17	<1	1.13	15	1.68	663	30	1.69	0.092
TR11-15-003	4	<5	<5	0.6	2.86	<3	472	<1	<2	2.06	0.4	11	37	23	2.42	13	<1	0.87	11	0.77	457	3	2.06	0.047
TR11-15-004	3	<5	<5	<0.3	3.76	<3	307	<1	<2	5.72	1.1	47	406	44	7.79	19	<1	0.87	14	4.65	1300	<1	1.50	0.124
TR11-15-005	<2	<5	<5	<0.3	2.30	<3	141	<1	<2	5.95	1.2	51	832	11	8.15	15	<1	0.40	18	6.82	1590	<1	0.63	0.065
TR11-15-006	2	<5	<5	<0.3	3.00	<3	142	<1	<2	6.90	0.7	63	680	26	8.63	16	<1	0.42	18	8.50	1520	<1	0.40	0.087
TR11-15-007	4	<5	<5	0.3	3.11	<3	193	<1	<2	6.87	0.7	66	674	34	7.62	15	<1	0.35	24	9.07	1310	<1	0.33	0.076
TR11-15-008	<2	<5	<5	0.3	4.56	<3	213	<1	4	6.68	<0.3	49	64	58	9.00	22	<1	0.65	10	3.32	1340	<1	1.71	0.160
TR11-15-009	<2	<5	<5	<0.3	4.47	4	309	<1	<2	5.45	0.6	37	109	35	6.83	20	<1	0.90	14	2.57	1030	<1	1.96	0.134
TR11-15-010	<2	<5	<5	0.3	4.60	<3	380	<1	<2	5.06	<0.3	32	92	90	5.23	20	<1	1.09	11	1.96	763	<1	2.19	0.197
TR11-15-011	<2	<5	<5	<0.3	2.93	<3	274	<1	<2	6.28	<0.3	54	578	46	7.06	17	<1	0.73	19	5.71	1200	<1	1.14	0.127
TR11-15-012	<2	16	8	<0.3	3.39	<3	201	<1	<2	6.60	<0.3	65	1090	137	9.08	18	<1	0.79	12	5.81	1560	<1	0.70	0.182
TR11-15-013	<2	<5	<5	0.4	4.36	<3	448	<1	<2	4.87	<0.3	30	175	92	5.54	21	<1	1.22	15	2.61	779	<1	2.21	0.137
TR11-15-014	13	31	<5	<0.3	4.69	<3	545	<1	<2	6.01	0.6	45	168	321	6.27	22	<1	1.62	14	3.17	1010	<1	1.88	0.208
TR11-15-015	<2	10	5	<0.3	4.46	<3	242	<1	<2	5.85	0.7	55	503	56	8.68	19	<1	0.82	15	4.69	1380	<1	1.55	0.221
TR11-15-016	<2	<5	<5	0.3	4.98	<3	292	<1	4	6.81	<0.3	46	125	63	8.20	22	<1	1.22	12	3.13	971	<1	1.50	0.306

Activation Laboratories Ltd. Report: A11-13749

Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zr	Zn
Package Code	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min	1F2-Tbay-Lac Des Iles Min
Date Analyzed	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM	Nov 29 2011 9:56AM
TR11-15-001	< 1	< 3	< 5	< 0.01	< 4	118	< 2	< 0.01	< 5	10	4	< 5	< 1	< 5	15
TR11-15-002	96	11	< 5	1.30	16	256	< 2	0.29	< 5	10	135	< 5	17	51	81
TR11-15-003	25	4	< 5	0.04	11	237	5	0.27	< 5	< 10	83	16	15	49	38
TR11-15-004	182	4	< 5	0.06	26	394	6	0.27	< 5	< 10	93	< 5	9	17	81
TR11-15-005	351	6	< 5	0.01	27	134	< 2	0.27	< 5	< 10	98	< 5	10	21	84
TR11-15-006	440	< 3	< 5	0.02	32	333	< 2	0.32	< 5	< 10	145	< 5	10	22	87
TR11-15-007	474	3	< 5	0.04	27	355	< 2	0.30	< 5	< 10	171	< 5	8	17	72
TR11-15-008	53	< 3	< 5	0.10	29	513	2	0.55	< 5	< 10	204	< 5	8	11	76
TR11-15-009	54	4	< 5	0.06	22	504	< 2	0.45	< 5	< 10	167	< 5	6	20	61
TR11-15-010	61	5	< 5	0.19	15	570	3	0.31	< 5	< 10	142	< 5	7	27	51
TR11-15-011	327	5	< 5	0.07	18	436	< 2	0.32	< 5	< 10	180	< 5	6	21	71
TR11-15-012	342	5	8	0.04	30	456	6	0.35	< 5	< 10	227	< 5	9	12	82
TR11-15-013	87	5	< 5	0.04	14	550	9	0.34	< 5	< 10	129	< 5	6	64	53
TR11-15-014	136	6	< 5	0.13	19	555	4	0.29	< 5	< 10	115	< 5	9	50	59
TR11-15-015	266	6	< 5	0.12	26	536	< 2	0.44	14	< 10	230	< 5	8	9	81
TR11-15-016	90	4	< 5	0.13	18	677	< 2	0.50	< 5	< 10	222	< 5	10	13	63

Activation Laboratories Ltd. Report: A11-13749

Quality Control																								
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Unit Symbol	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	%
Analyte Symbol	Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Li	Mg	Mn	Mo	Na	P
Package Code	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1C-Exp ICPOES- Tbay-Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine	1F2-Tbay- Lac Des Iles Mine
Date Analyzed	2011-12- 02 11:02:34	2011-12- 02 11:02:34	2011-12- 02 11:02:34	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00	2011-11- 29 09:56:00
PD1 LABSTD	507	557	411																					
PD1 LABSTD	541	561	465																					
PK2 LABSTD	5070	5760	4810																					
TR11-15-006 Replicate Original				< 0.3	3.09	< 3	146	< 1	< 2	7.05	0.9	66	652	27	8.87	16	< 1	0.43	18	8.69	1570	< 1	0.41	0.090
TR11-15-006 LABDUP				< 0.3	2.91	< 3	138	< 1	< 2	6.74	0.5	60	708	26	8.38	16	< 1	0.41	17	8.31	1480	< 1	0.39	0.084
TR11-15-008 Replicate Original	< 2	< 5	< 5																					
TR11-15-008 LABDUP	< 2	< 5	< 5																					
TR11-15-016 Split Original	< 2	< 5	< 5	0.3	4.98	< 3	292	< 1	4	6.81	< 0.3	46	125	63	8.20	22	< 1	1.22	12	3.13	971	< 1	1.50	0.306
TR11-15-016 LABPREP	< 2	< 5	< 5	0.4	5.15	< 3	300	< 1	3	6.98	< 0.3	47	125	64	8.25	23	< 1	1.23	12	3.16	985	< 1	1.54	0.321

Quality Control																
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ni	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zr	Zn	
Package Code	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	1F2-Tbay-Lac Des Iles Mine	
Date Analyzed	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	2011-11-29 09:56:00	

PD1 LABSTD

PD1 LABSTD

PK2 LABSTD

TR11-15-006 Replicate Original	448	< 3	< 5	0.02	33	340	< 2	0.33	< 5	< 10	148	< 5	10	22	89
TR11-15-006 LABDUP	431	< 3	< 5	0.02	31	326	< 2	0.31	9	< 10	142	< 5	10	21	86
TR11-15-008 Replicate Original															
TR11-15-008 LABDUP															
TR11-15-016 Split Original	90	4	< 5	0.13	18	677	< 2	0.50	< 5	< 10	222	< 5	10	13	63
TR11-15-016 LABPREP	93	4	< 5	0.14	19	687	7	0.60	10	< 10	249	< 5	10	15	64

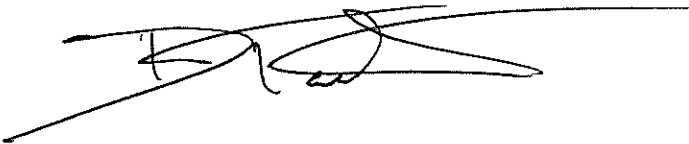
APPENDIX D

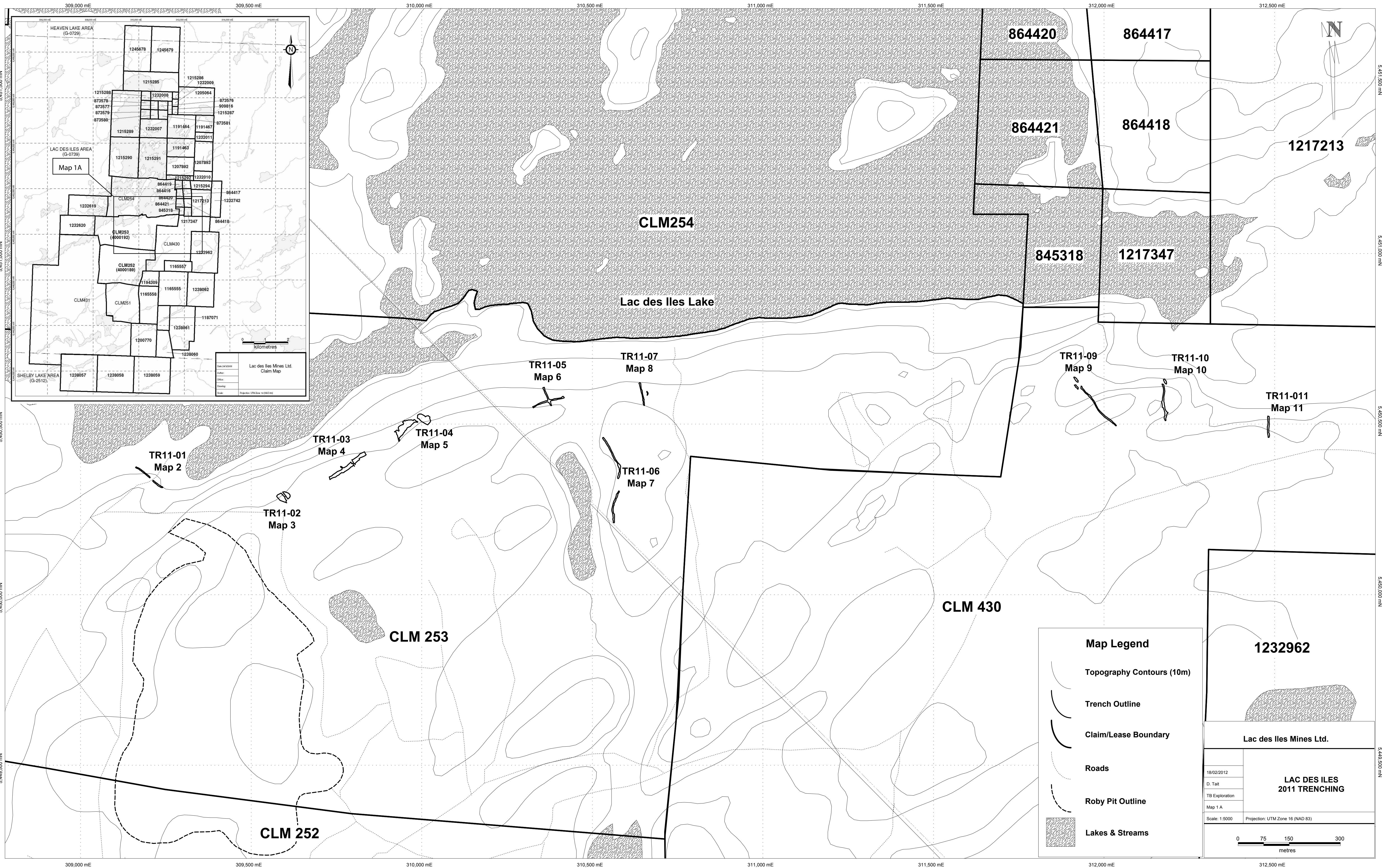
All work was supervised by staff and contractors of
North American Palladium Ltd.
Metals Exploration Division
556-10th Avenue
Thunder Bay, ON P7B 2R2
(807) 623-8005

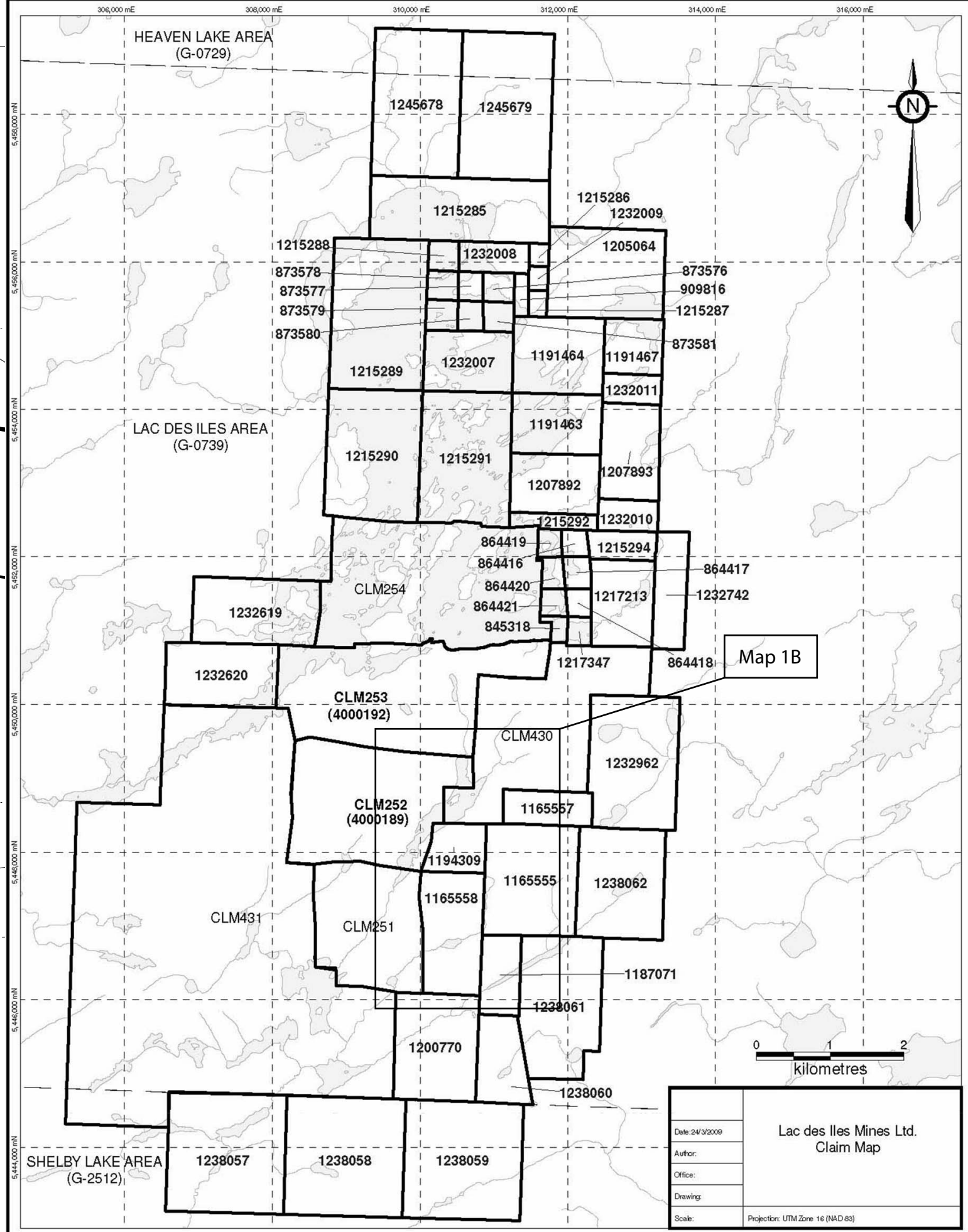
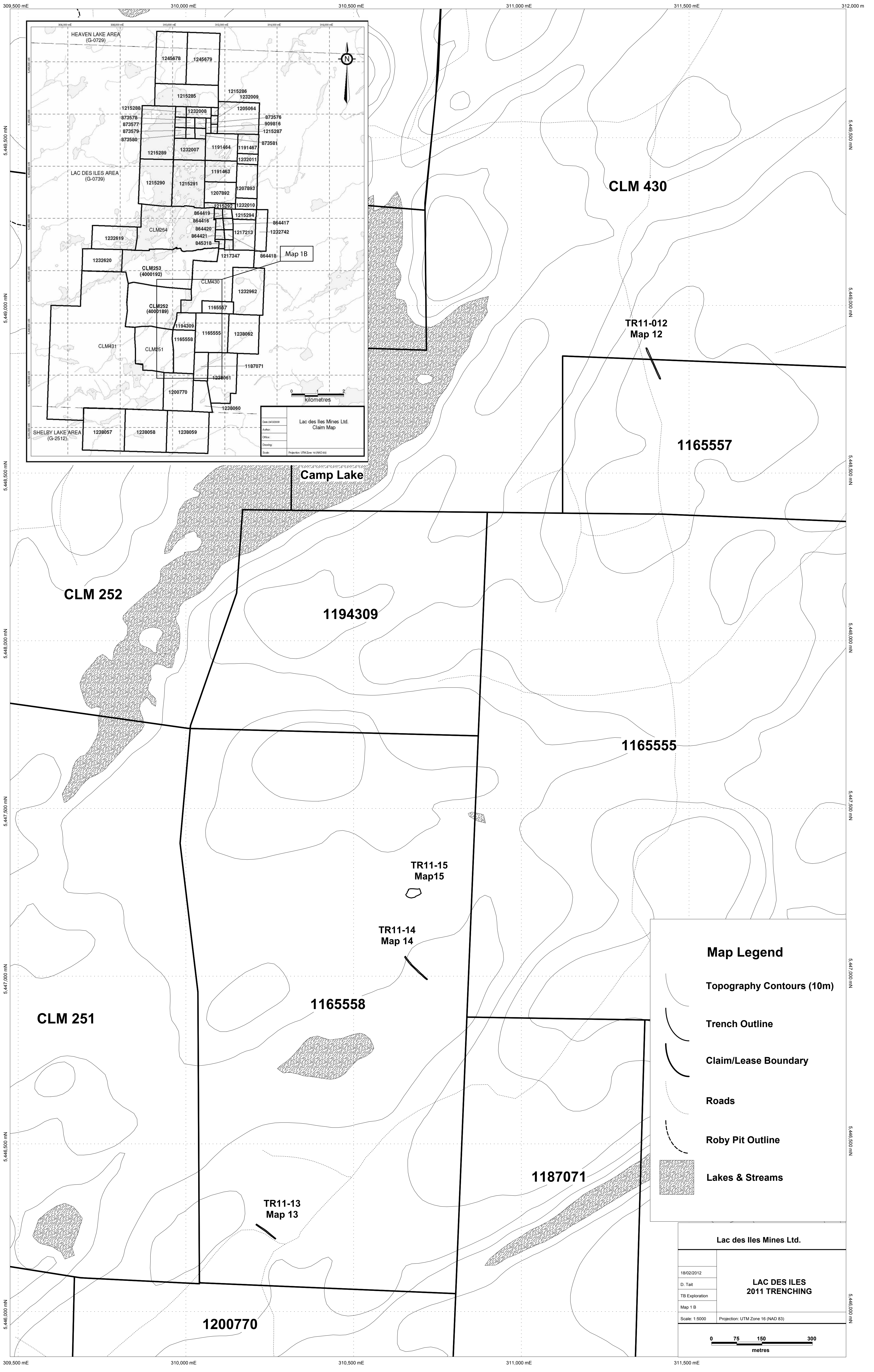
John Corkery	Exploration Manager	Planning
Krista Nelson	Senior Exploration Geologist	Costs, MNDM forms
Mike Grieve	Senior Exploration Technician	Planning, supervision, base map generation
Devin Tait	Contract Geologist	Mapping, report writing, map generation, tables and figures
Erin Hoxie	Contract Geologist	Mapping
Lionnel Djon	Exploration Geologist	Sample descriptions
Steve Dyer	Exploration Technician	Surveys
Darren Prinselaar	Exploration Technician	Surveys

Signatures of People Who Prepared the Report

Devin Tait

A handwritten signature in black ink, appearing to be 'Devin Tait', written over a horizontal line.

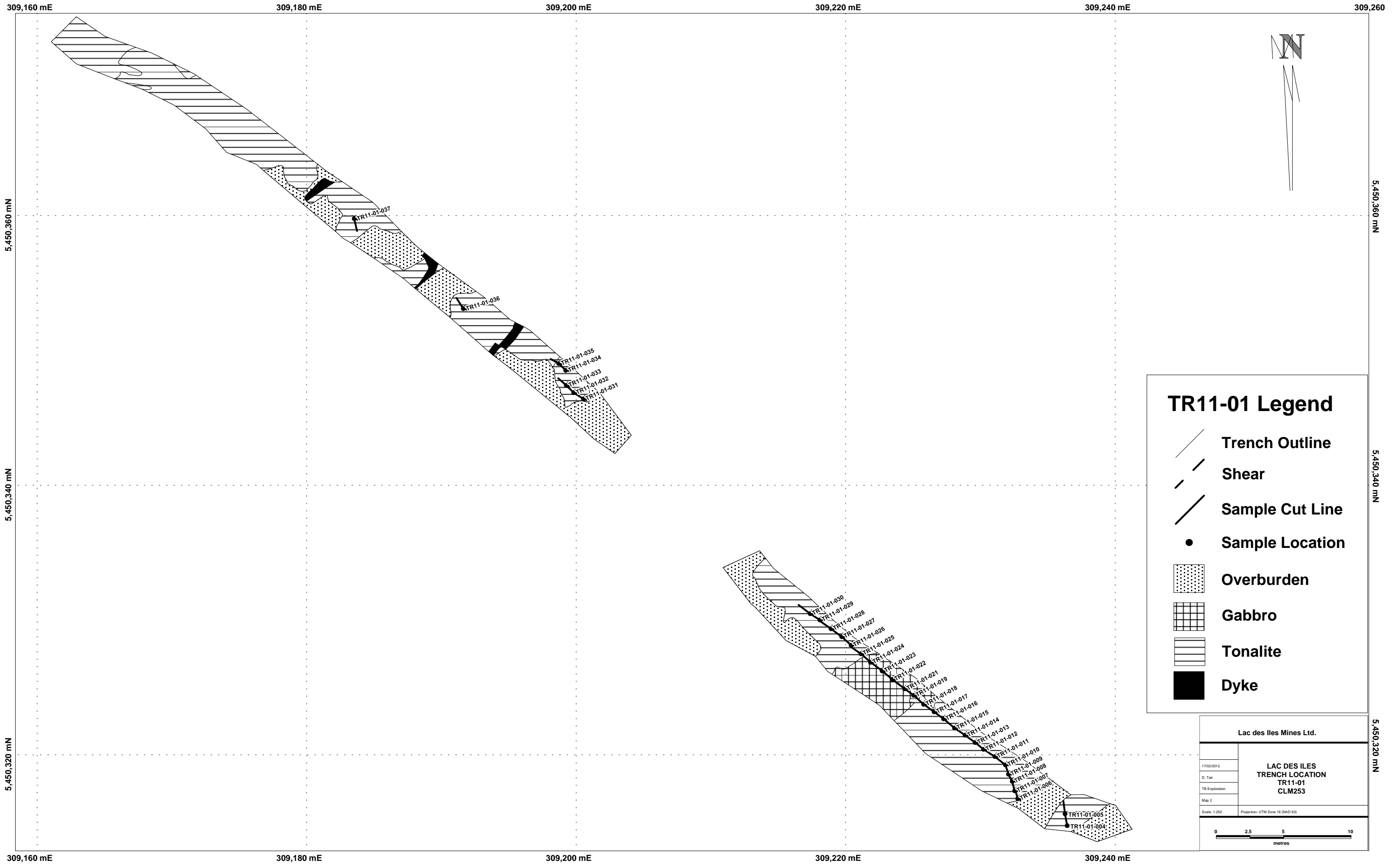












Date:	24/12/2009
Author:	Lac des Iles Mines Ltd.
Office:	Claim Map
Drawing:	
Scale:	Projection: UTM Zone 16 (NAD 83)

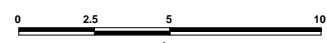
Map Legend	
	Topography Contours (10m)
	Trench Outline
	Claim/Lease Boundary
	Roads
	Roby Pit Outline
	Lakes & Streams

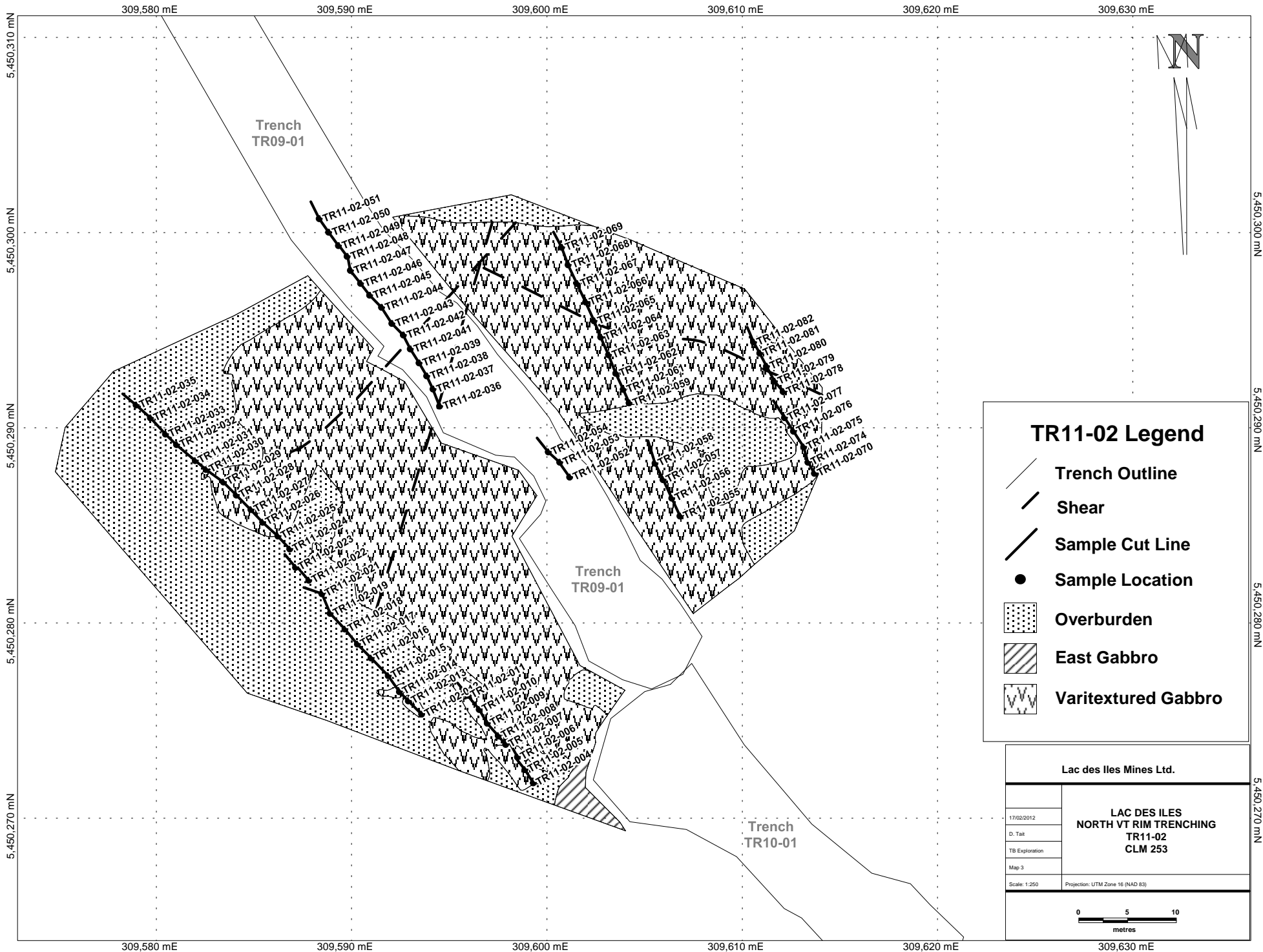
Lac des Iles Mines Ltd.	
18/02/2012	LAC DES ILES 2011 TRENCHING
D. Tait	
TB Exploration	
Map 1 B	
Scale: 1:5000	Projection: UTM Zone 16 (NAD 83)










TR11-01 Legend

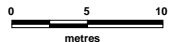
-  Trench Outline
-  Shear
-  Sample Cut Line
-  Sample Location
-  Overburden
-  Gabbro
-  Tonalite
-  Dyke

Lac des Iles Mines Ltd.	
17/02/2012 D. Tall TB Exploration Map 2 Scale: 1:250 Projection: UTM Zone 16 (NAD 83)	LAC DES ILES TRENCH LOCATION TR11-01 CLM253
	



TR11-02 Legend

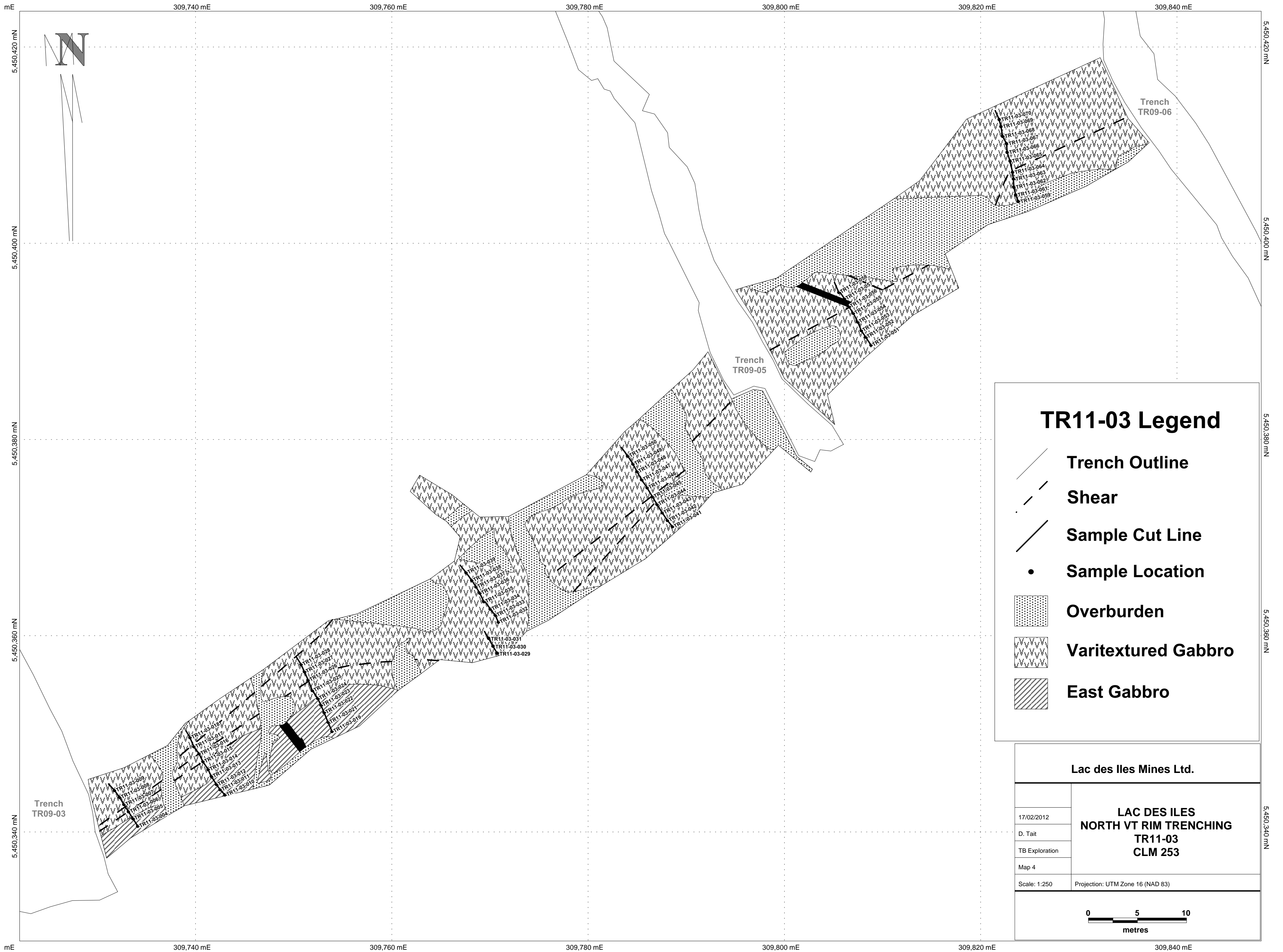
-  Trench Outline
-  Shear
-  Sample Cut Line
-  Sample Location
-  Overburden
-  East Gabbro
-  Varitextured Gabbro

Lac des Iles Mines Ltd.	
17/02/2012	LAC DES ILES NORTH VT RIM TRENCHING TR11-02 CLM 253
D. Tait	
TB Exploration	
Map 3	
Scale: 1:250	Projection: UTM Zone 18 (NAD 83)
	

5,450,310 mN
5,450,300 mN
5,450,290 mN
5,450,280 mN
5,450,270 mN

309,580 mE 309,590 mE 309,600 mE 309,610 mE 309,620 mE 309,630 mE

309,580 mE 309,590 mE 309,600 mE 309,610 mE 309,620 mE 309,630 mE



TR11-03 Legend

- Trench Outline
- Shear
- Sample Cut Line
- Sample Location
- Overburden
- Varitextured Gabbro
- East Gabbro

Lac des Iles Mines Ltd.	
17/02/2012 D. Tait TB Exploration Map 4	LAC DES ILES NORTH VT RIM TRENCHING TR11-03 CLM 253
Scale: 1:250	Projection: UTM Zone 16 (NAD 83)

mE 309,740 mE 309,760 mE 309,780 mE 309,800 mE 309,820 mE 309,840 mE

5,450,420 mN 5,450,400 mN 5,450,380 mN 5,450,360 mN 5,450,340 mN

Trench TR09-03

Trench TR09-05

Trench TR09-06

TR11-03-009
TR11-03-008
TR11-03-007
TR11-03-006
TR11-03-005
TR11-03-004

TR11-03-019
TR11-03-017
TR11-03-016
TR11-03-015
TR11-03-014
TR11-03-013
TR11-03-012
TR11-03-011
TR11-03-010

TR11-03-028
TR11-03-027
TR11-03-026
TR11-03-025
TR11-03-024
TR11-03-023
TR11-03-022
TR11-03-021
TR11-03-019

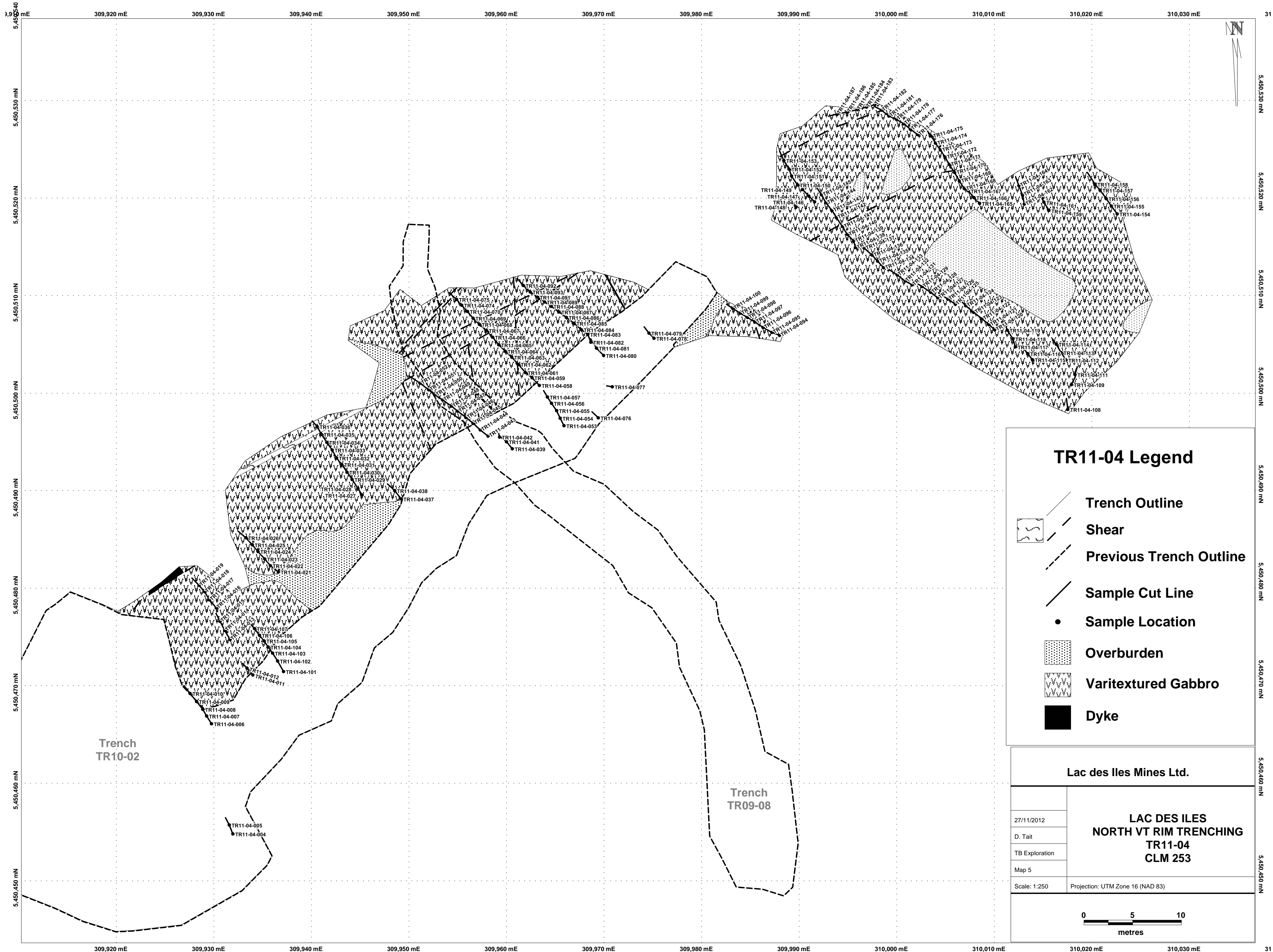
TR11-03-031
TR11-03-030
TR11-03-029

TR11-03-038
TR11-03-037
TR11-03-036
TR11-03-035
TR11-03-034
TR11-03-033
TR11-03-032


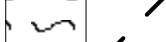




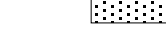
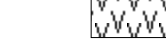
TR11-03-049
TR11-03-048
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TR11-03-046
TR11-03-045
TR11-03-044
TR11-03-043
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TR11-03-041

TR11-03-058
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TR11-03-056
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TR11-03-050

TR11-03-070
TR11-03-069
TR11-03-068
TR11-03-067
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TR11-03-061
TR11-03-060

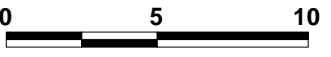


TR11-04 Legend

-  Trench Outline
-  Shear
-  Previous Trench Outline
-  Sample Cut Line
-  Sample Location
-  Overburden
-  Varitextured Gabbro
-  Dyke

Lac des Iles Mines Ltd.

27/11/2012	LAC DES ILES NORTH VT RIM TRENCHING TR11-04 CLM 253
D. Tait	
TB Exploration	
Map 5	
Scale: 1:250	Projection: UTM Zone 16 (NAD 83)



0 5 10
metres



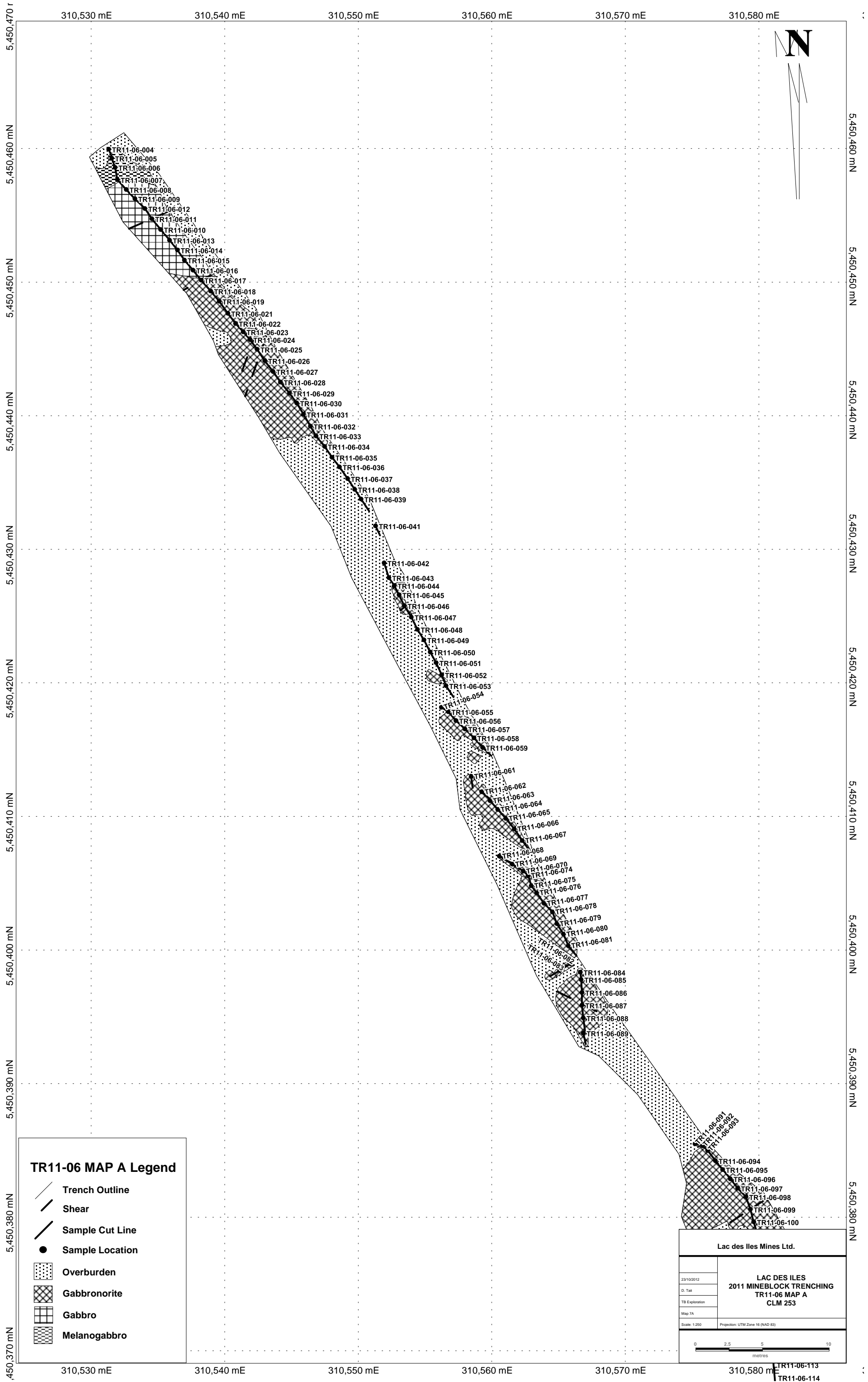
TR11-05 Legend

- Trench Outline
- Shear
- Sample Cut Line
- Sample Location
- Overburden
- Varitextured Gabbro
- Tonalite
- Melanogabbro
- Gabbro
- Pyroxenite
- Dyke









Lac des Iles Mines Ltd.

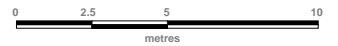
Date: 23/10/2012	LAC DES ILES NORTH VT RIM TRENCHING TR11-05 CLM 253
D. Tait	
TB Exploration	
Map 6	
Scale: 1:250	Projection: UTM Zone 16 (NAD 83)

0 5 10
metres

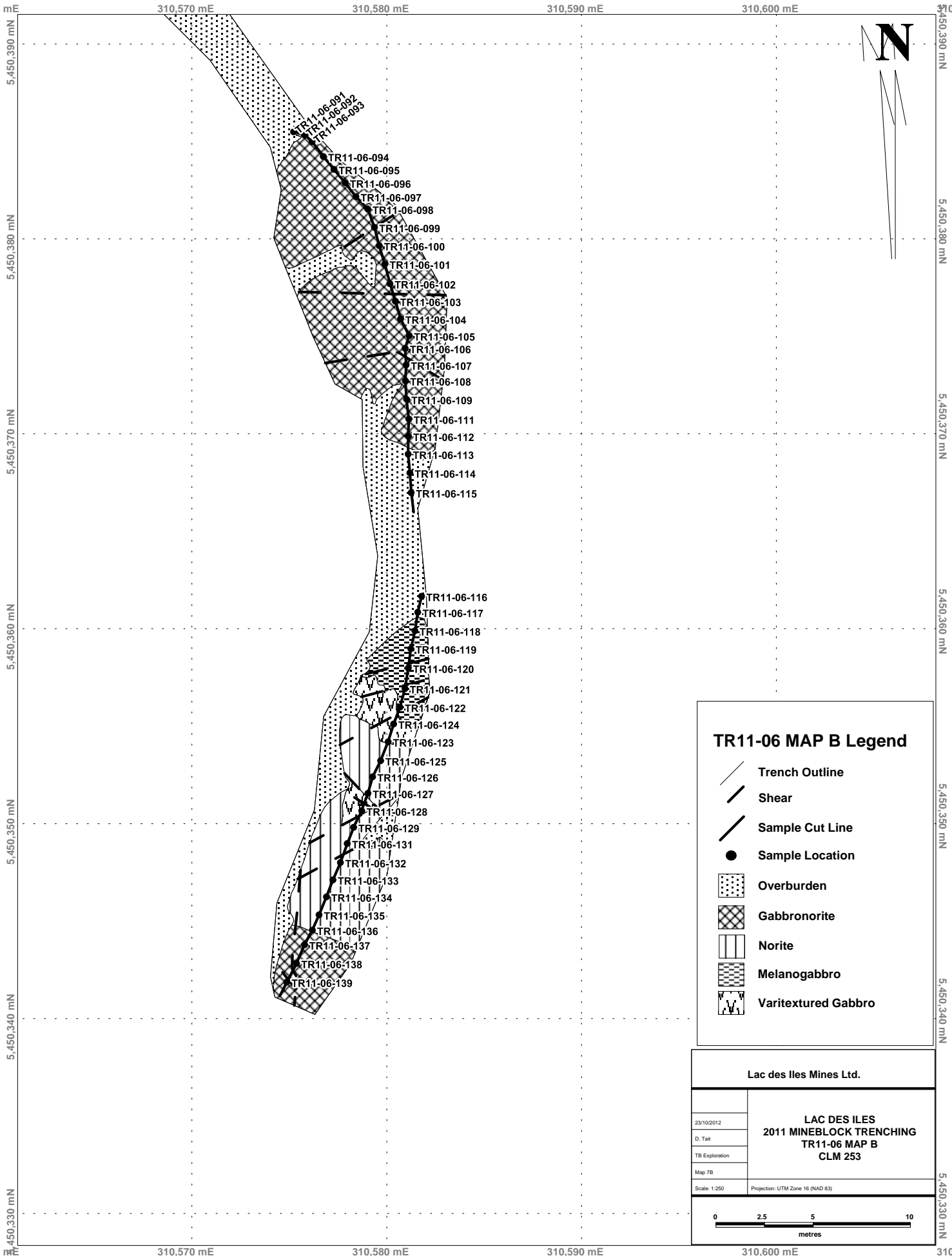


TR11-06 MAP A Legend










-  Trench Outline
-  Shear
-  Sample Cut Line
-  Sample Location
-  Overburden
-  Gabbronorite
-  Gabbro
-  Melanogabbro

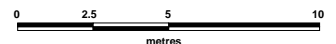
Lac des Iles Mines Ltd.	
23/10/2012	LAC DES ILES 2011 MINEBLOCK TRENCHING TR11-06 MAP A CLM 253
D. Tat	
TB Exploration	
Map 7A	
Scale: 1:250	Projection: UTM Zone 18 (NAD 83)
	

TR11-06-113
TR11-06-114



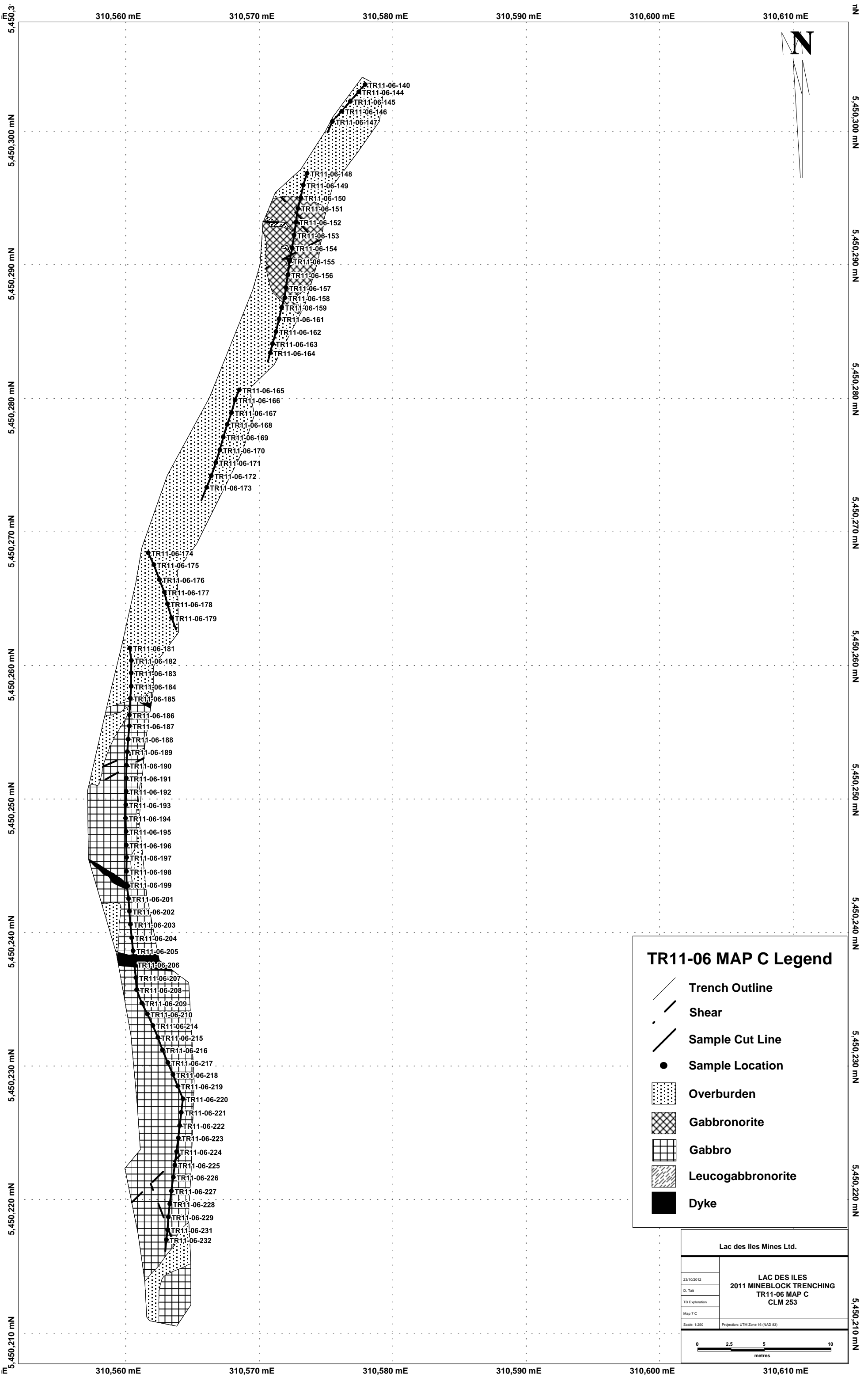
TR11-06 MAP B Legend

-  Trench Outline
-  Shear
-  Sample Cut Line
-  Sample Location
-  Overburden
-  Gabbronorite
-  Norite
-  Melanogabbro
-  Varitextured Gabbro

Lac des Iles Mines Ltd.	
22/10/2012 D. Tait TB Exploration Map 7B Scale: 1:250	LAC DES ILES 2011 MINEBLOCK TRENCHING TR11-06 MAP B CLM 253
	

5,450,390 mN
5,450,380 mN
5,450,370 mN
5,450,360 mN
5,450,350 mN
5,450,340 mN
5,450,330 mN

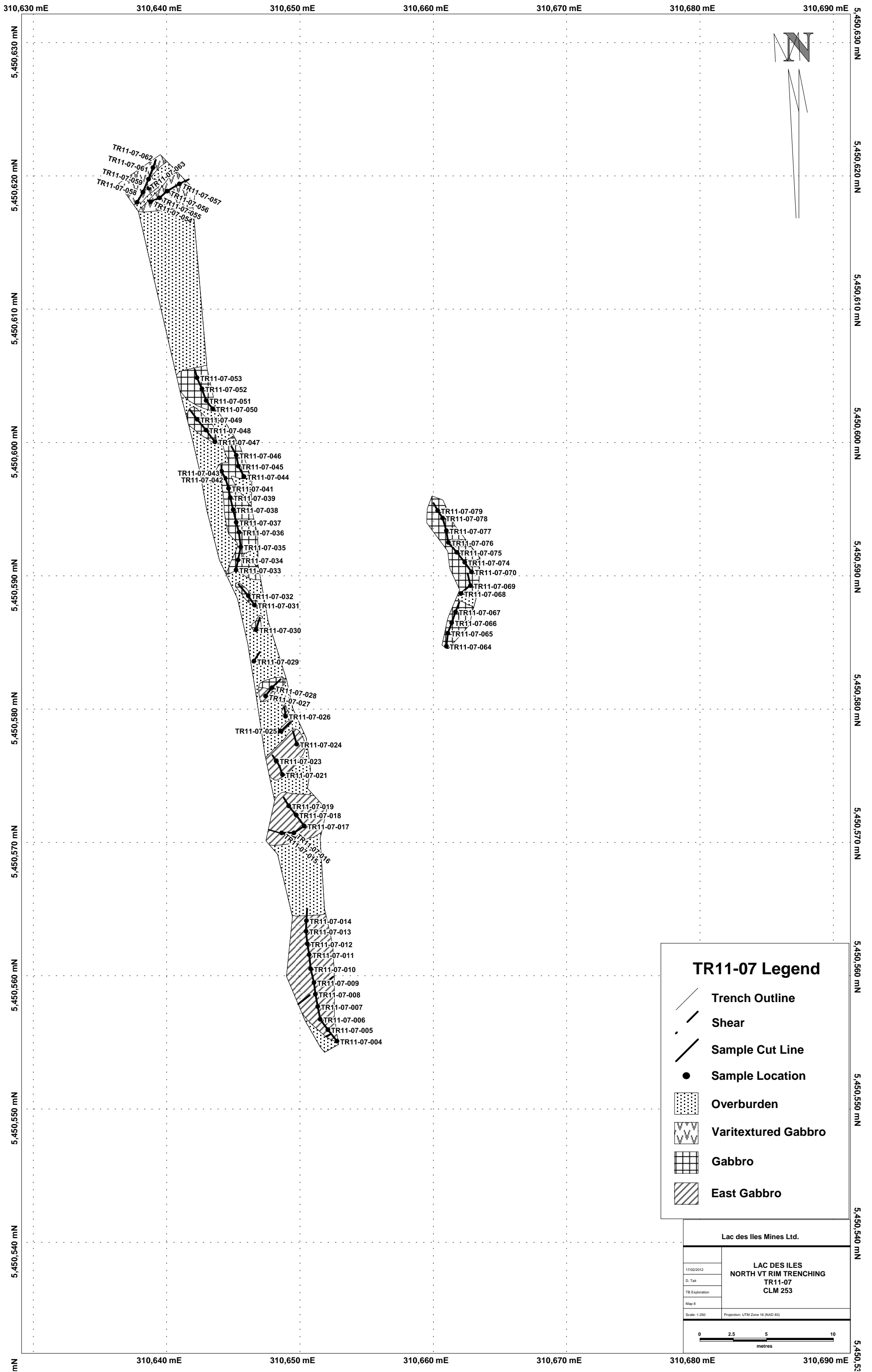
mE
310,570 mE
310,580 mE
310,590 mE
310,600 mE



TR11-06 MAP C Legend

- Trench Outline
- Shear
- Sample Cut Line
- Sample Location
- Overburden
- Gabbro
- Leucogabbro
- Dyke

Lac des Iles Mines Ltd.	
23/10/2012	LAC DES ILES 2011 MINEBLOCK TRENCHING TR11-06 MAP C CLM 253
D. Tat	
TB Exploration	
Map 7 C	
Scale: 1:250	Projection: UTM Zone 18 (NAD 83)



TR11-07-062
 TR11-07-061
 TR11-07-059
 TR11-07-058
 TR11-07-063
 TR11-07-057
 TR11-07-056
 TR11-07-055
 TR11-07-054
 TR11-07-053
 TR11-07-052
 TR11-07-051
 TR11-07-050
 TR11-07-049
 TR11-07-048
 TR11-07-047
 TR11-07-046
 TR11-07-045
 TR11-07-044
 TR11-07-043
 TR11-07-042
 TR11-07-041
 TR11-07-039
 TR11-07-038
 TR11-07-037
 TR11-07-036
 TR11-07-035
 TR11-07-034
 TR11-07-033
 TR11-07-032
 TR11-07-031
 TR11-07-030
 TR11-07-029
 TR11-07-028
 TR11-07-027
 TR11-07-026
 TR11-07-025
 TR11-07-024
 TR11-07-023
 TR11-07-021
 TR11-07-019
 TR11-07-018
 TR11-07-017
 TR11-07-016
 TR11-07-015
 TR11-07-014
 TR11-07-013
 TR11-07-012
 TR11-07-011
 TR11-07-010
 TR11-07-009
 TR11-07-008
 TR11-07-007
 TR11-07-006
 TR11-07-005
 TR11-07-004
 TR11-07-079
 TR11-07-078
 TR11-07-077
 TR11-07-076
 TR11-07-075
 TR11-07-074
 TR11-07-070
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 TR11-07-068
 TR11-07-067
 TR11-07-066
 TR11-07-065
 TR11-07-064

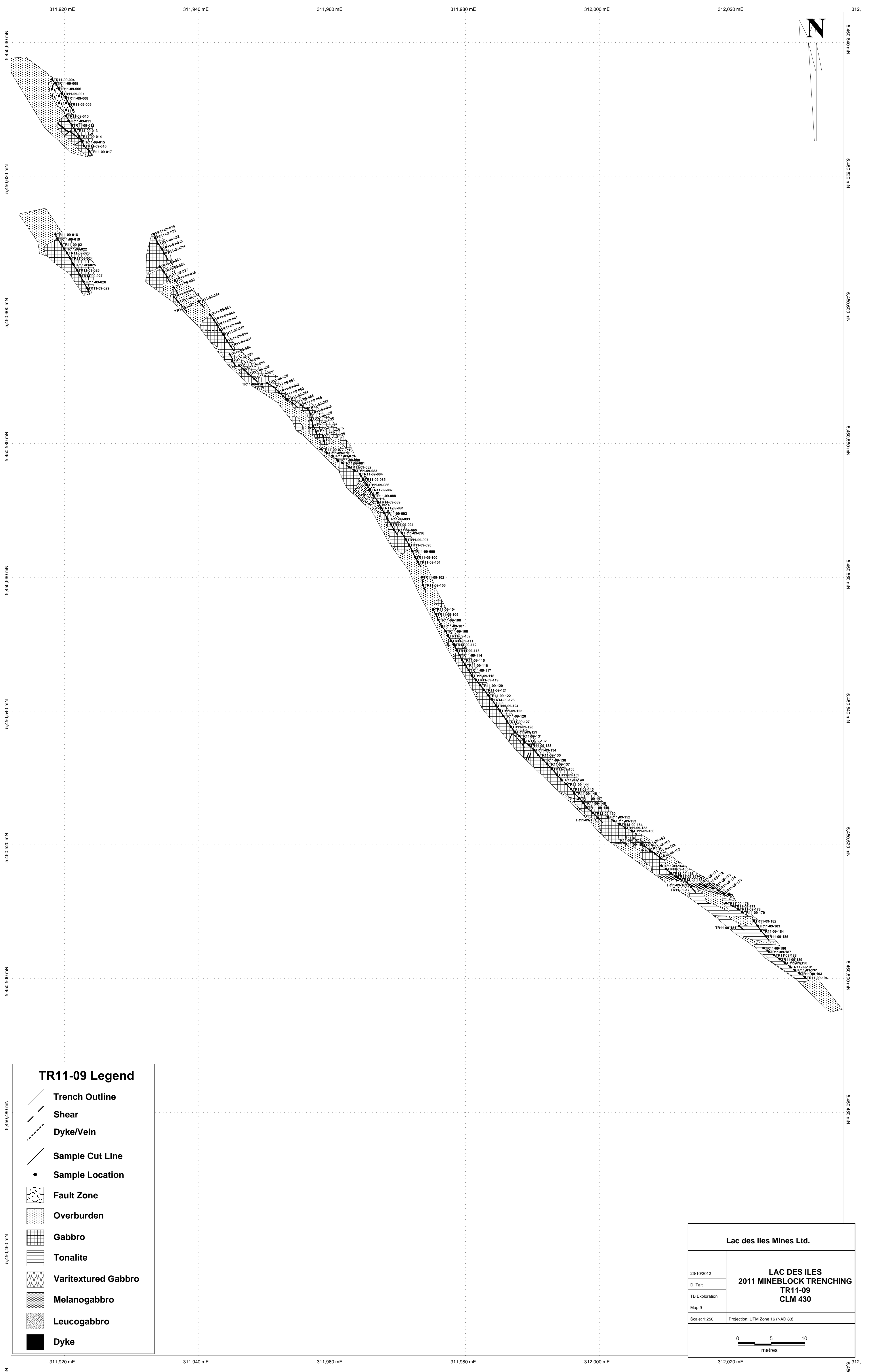
TR11-07 Legend

- Trench Outline
- Shear
- Sample Cut Line
- Sample Location
- Overburden
- Varitextured Gabbro
- Gabbro
- East Gabbro














Lac des Iles Mines Ltd.

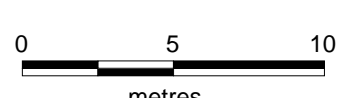
17/02/2012 D. Tait TB Exploration Map 8 Scale: 1:250 Projection: UTM Zone 18 (NAD 83)	LAC DES ILES NORTH VT RIM TRENCHING TR11-07 CLM 253
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0 2.5 5 10
metres



TR11-09 Legend

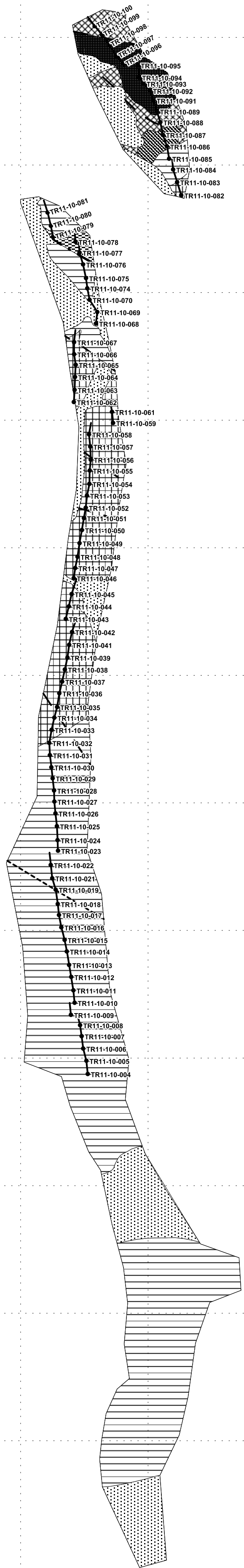
-  Trench Outline
-  Shear
-  Dyke/Vein
-  Sample Cut Line
-  Sample Location
-  Fault Zone
-  Overburden
-  Gabbro
-  Tonalite
-  Varitextured Gabbro
-  Melanogabbro
-  Leucogabbro
-  Dyke

Lac des Iles Mines Ltd.	
23/10/2012	LAC DES ILES 2011 MINEBLOCK TRENCHING TR11-09 CLM 430
D. Tait	
TB Exploration	
Map 9	
Scale: 1:250	Projection: UTM Zone 16 (NAD 83)
	

312,150 mE 312,160 mE 312,170 mE 312,180 mE 312,190 mE 312,200 mE 312,210 mE 312,220 mE 312,230 mE 312,240 mE

5,450,630 mN
5,450,620 mN
5,450,610 mN
5,450,600 mN
5,450,590 mN
5,450,580 mN
5,450,570 mN
5,450,560 mN
5,450,550 mN
5,450,540 mN
5,450,530 mN
5,450,520 mN
5,450,510 mN

5,450,630 mN
5,450,620 mN
5,450,610 mN
5,450,600 mN
5,450,590 mN
5,450,580 mN
5,450,570 mN
5,450,560 mN
5,450,550 mN
5,450,540 mN
5,450,530 mN
5,450,520 mN
5,450,510 mN



TR11-10 Legend

- Trench Outline
- Shear
- Sample Cut Line
- Sample Location
- Overburden
- Tonalite
- Gabbro
- Melanogabbro
- Gabbro-norite
- Pyroxenite
- Melanogabbro-norite

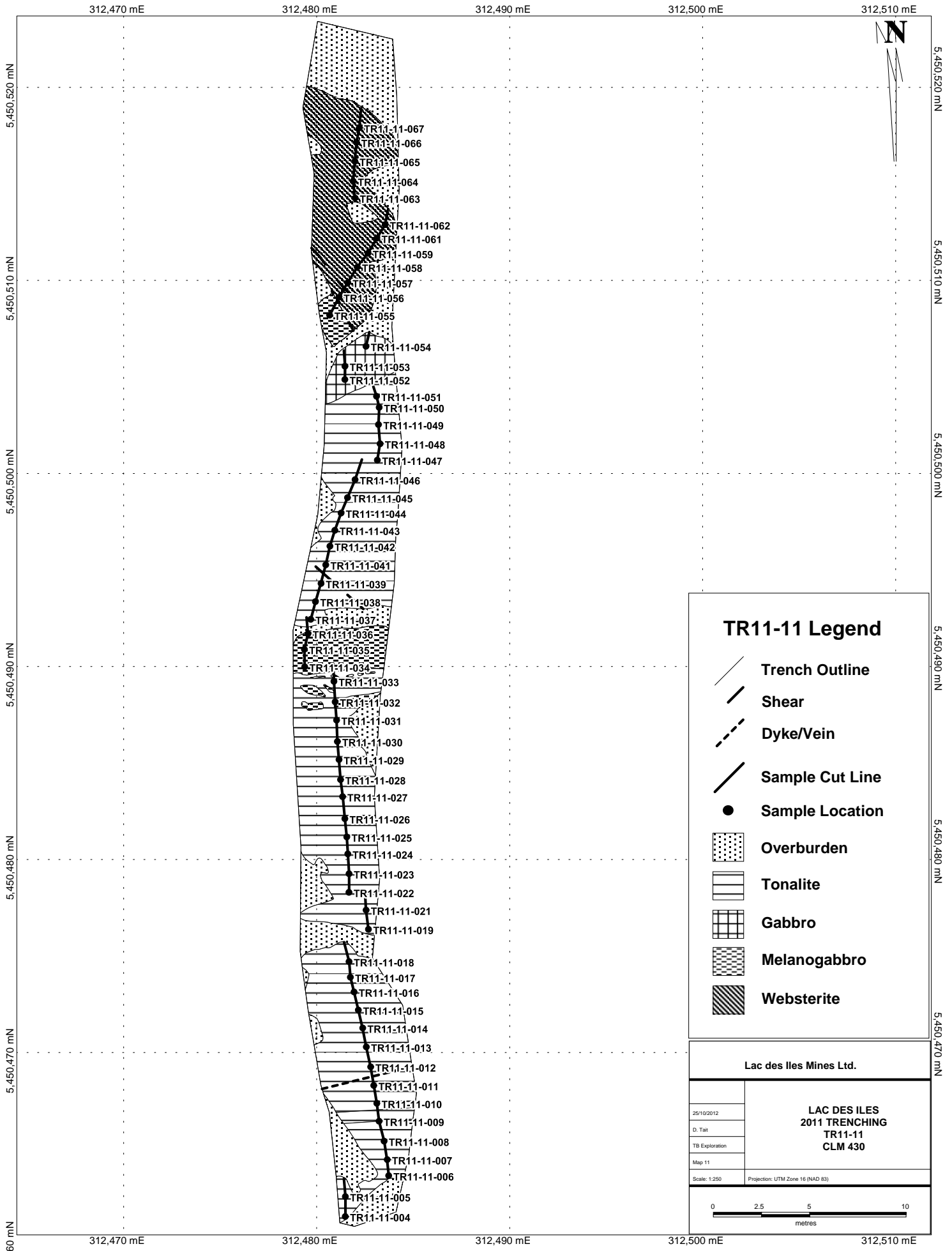
Lac des Iles Mines Ltd.

28/10/2012
D. Tait
TR Exploration
Map 10
Scale 1:200
Projection UTM Zone 18 NAD 83











**LAC DES ILES
2011 TRENCHING
TR11-10
CLM 430**

0 2.5 5 10
metres

312,150 mE 312,160 mE 312,170 mE 312,180 mE 312,190 mE 312,200 mE 312,210 mE 312,220 mE 312,230 mE



TR11-11 Legend

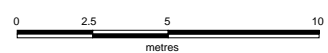
-  Trench Outline
-  Shear
-  Dyke/Vein
-  Sample Cut Line
-  Sample Location
-  Overburden
-  Tonalite
-  Gabbro
-  Melanogabbro
-  Websterite

Lac des Iles Mines Ltd.

25/10/2012
D. Tait
TB Exploration
Map 11
Scale: 1:250

**LAC DES ILES
2011 TRENCHING
TR11-11
CLM 430**

Projection: UTM_Zone 18 (NAD 83)



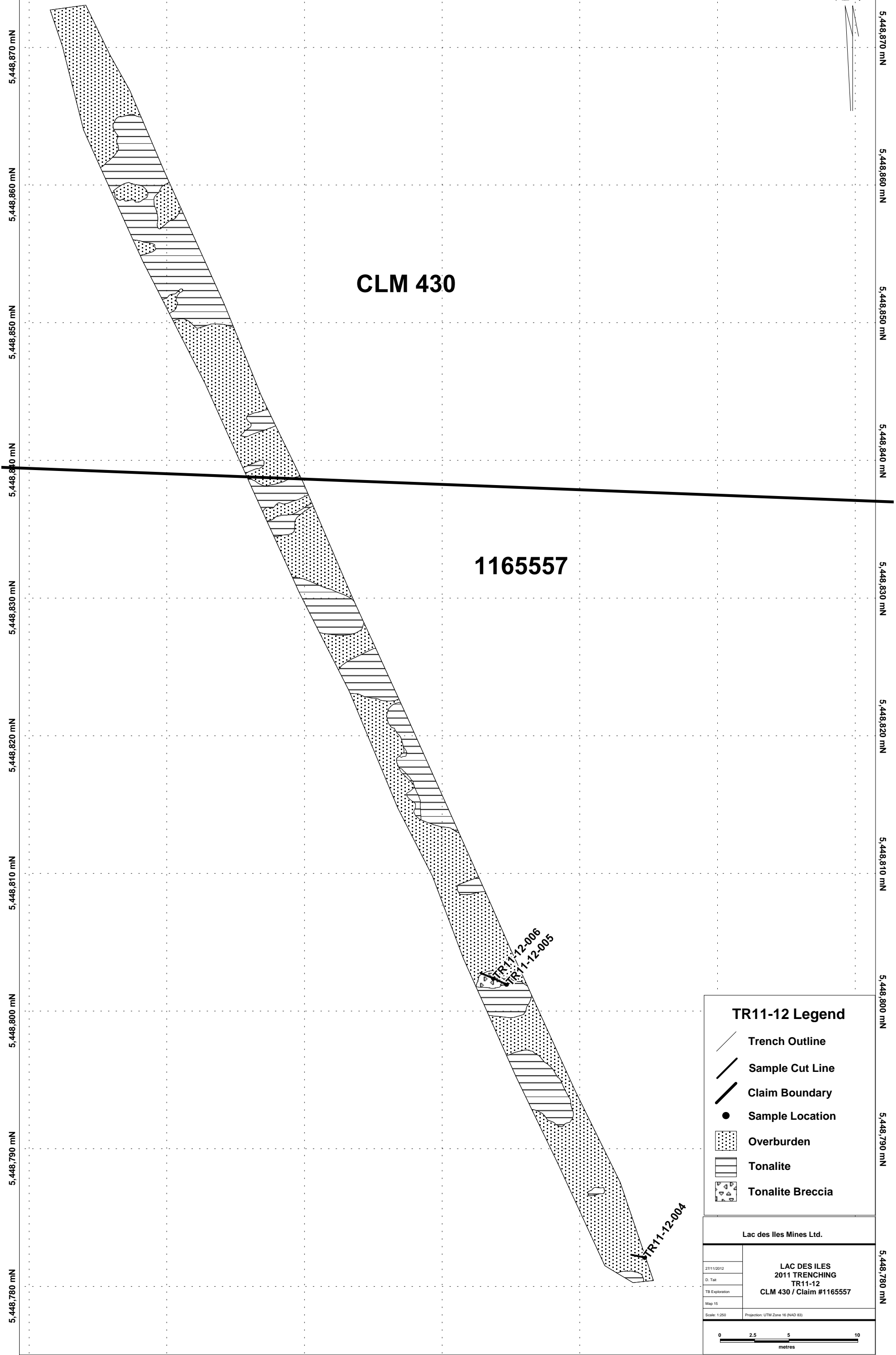
11,370 mE 311,380 mE 311,390 mE 311,400 mE 311,410 mE 311,420 mE 311,430 mE



5,448,870 mN
5,448,860 mN
5,448,850 mN
5,448,840 mN
5,448,830 mN
5,448,820 mN
5,448,810 mN
5,448,800 mN
5,448,790 mN
5,448,780 mN

CLM 430

116557



TR11-12 Legend

- Trench Outline
- Sample Cut Line
- Claim Boundary
- Sample Location
- Overburden
- Tonalite
- Tonalite Breccia

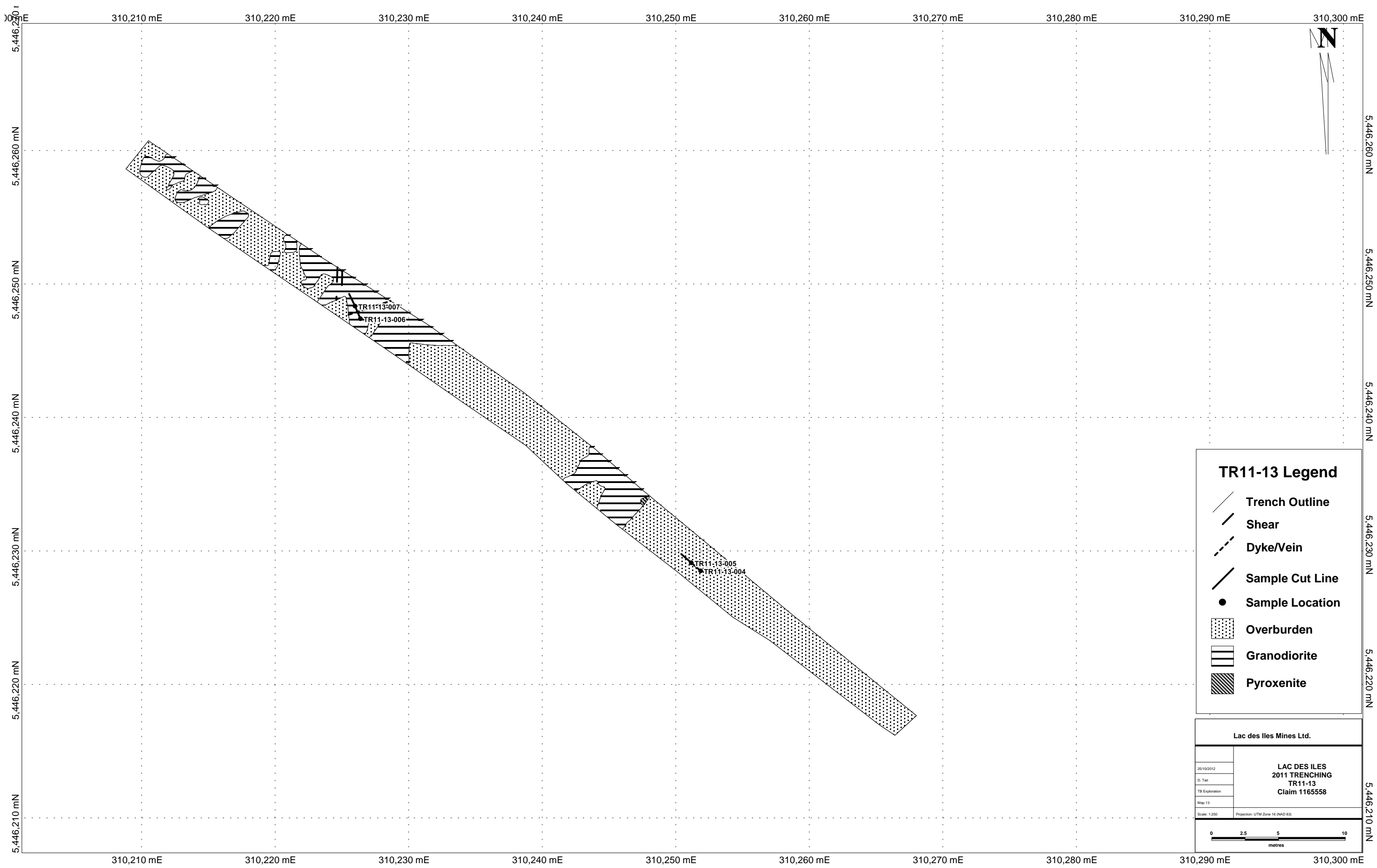
Lac des Iles Mines Ltd.

**LAC DES ILES
2011 TRENCHING
TR11-12
CLM 430 / Claim #1165557**









27/11/2012
D. Tait
TB Exploration
Map 15
Scale: 1:250 Projection: UTM Zone 18 (NAD 83)

0 2.5 5 10
metres

311,380 mE 311,390 mE 311,400 mE 311,410 mE 311,420 mE 311,430 mE

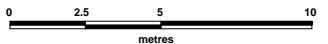


TR11-13 Legend

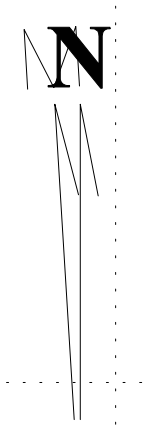
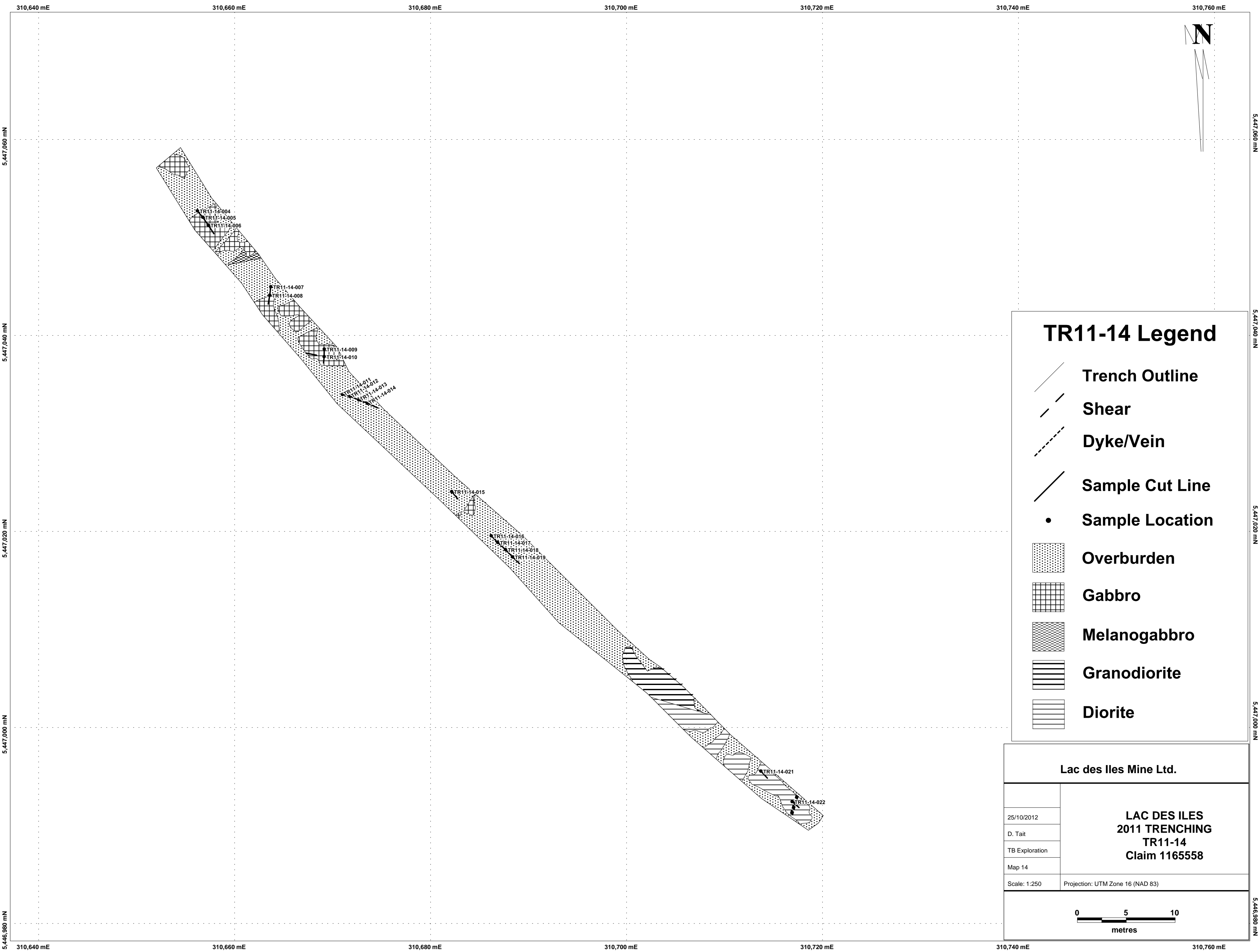
-  Trench Outline
-  Shear
-  Dyke/Vein
-  Sample Cut Line
-  Sample Location
-  Overburden
-  Granodiorite
-  Pyroxenite

Lac des Iles Mines Ltd.






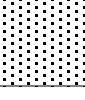




25/10/2012	LAC DES ILES 2011 TRENCHING TR11-13 Claim 1165558
D. Tall	
TB Exploration	
Map 13	
Scale: 1:250	Projection: UTM Zone 16 (NAD 83)

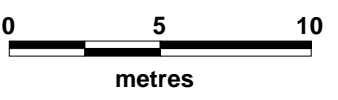


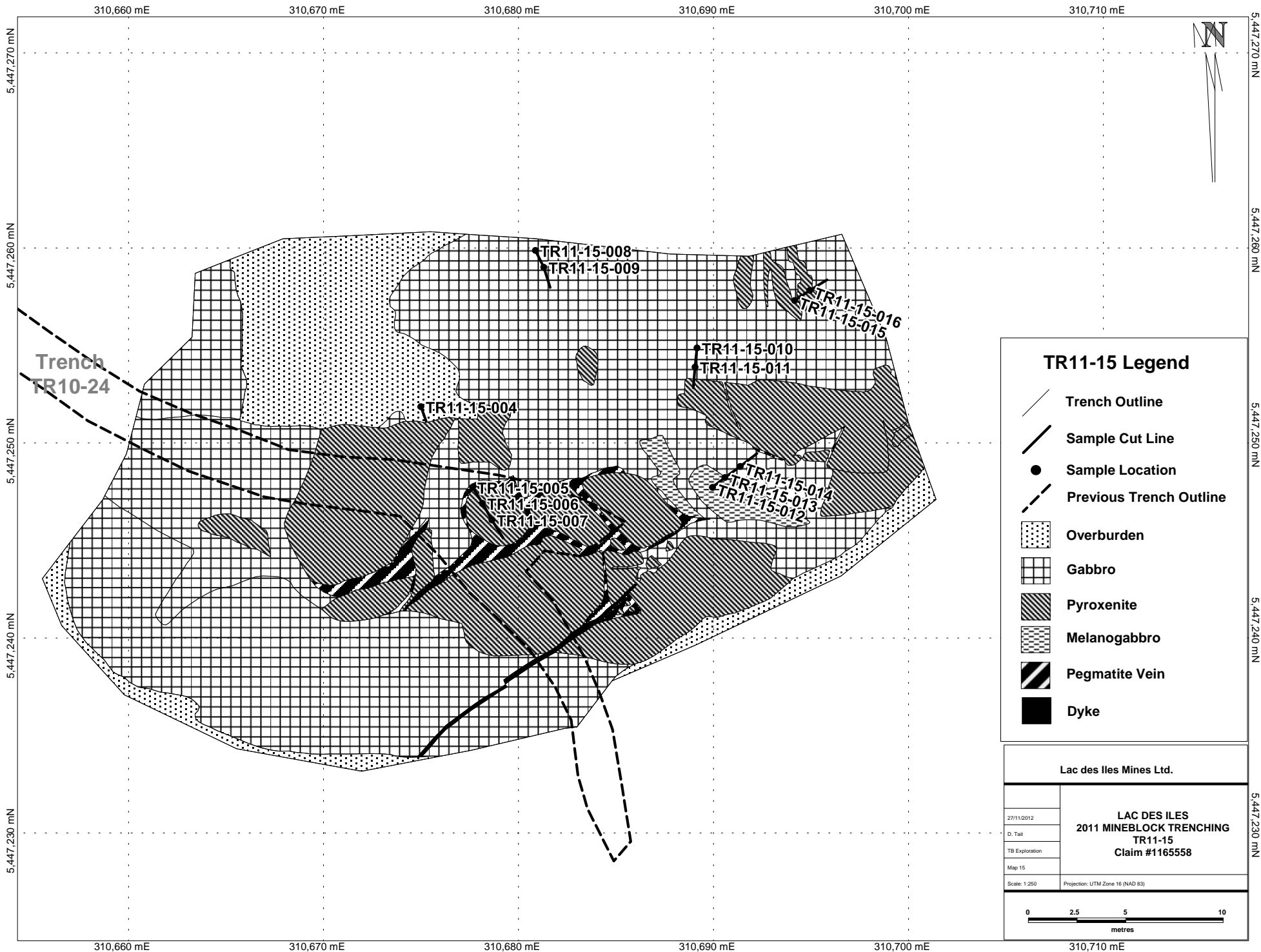
0 2.5 5 10
metres



TR11-14 Legend

-  Trench Outline
-  Shear
-  Dyke/Vein
-  Sample Cut Line
-  Sample Location
-  Overburden
-  Gabbro
-  Melanogabbro
-  Granodiorite
-  Diorite

Lac des Iles Mine Ltd.	
25/10/2012 D. Tait TB Exploration Map 14 Scale: 1:250	LAC DES ILES 2011 TRENCHING TR11-14 Claim 1165558
Projection: UTM Zone 16 (NAD 83)	
	



TR11-15 Legend

- Trench Outline
- Sample Cut Line
- Sample Location
- Previous Trench Outline
- Overburden
- Gabbro
- Pyroxenite
- Melanogabbro
- Pegmatite Vein
- Dyke

Lac des Iles Mines Ltd.	
27/11/2012 D. Tait TB Exploration Map 15 Scale: 1:250	LAC DES ILES 2011 MINEBLOCK TRENCHING TR11-15 Claim #1165558
0 2.5 5 10 metres	

5,447,270 mN
 5,447,260 mN
 5,447,250 mN
 5,447,240 mN
 5,447,230 mN