



ASSESSMENT REPORT ON THE 2011 GEOCHEMICAL SURVEY OF THE SALT 1-10 CLAIMS

Watson Lake Mining district, Yukon Territory

Frances Lake area

NTS map sheet 105H 06

129 deg 21' W, 61 deg 26' N

YD31284	SALT 1		YD31296	SALT 6
YD31300	SALT 2		YD73454	SALT 7
YD31299	SALT 3		YD73390	SALT 8
YD31298	SALT 4		YD73389	SALT 9
YD31297	SALT 5		YD73388	SALT 10

Soil survey conducted between June 28 and July 5 2011

Owner and Operator:
Redtail Metals Corp
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November 10th, 2011

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SUMMARY

The Salt claims are located on the eastern shore of the East arm of Frances Lake, 16 km east of the Robert Campbell Highway. A total of 11 claims were staked in November 2010. The northwestern end of the claim block adjoins the Barb property owned by Kobex Minerals Inc.

The claims cover metasedimentary rocks interpreted to represent the western boundary of Selwyn Basin near its contact with Yukon Tanana Terrane. These rocks are prospective for sedimentary-hosted stratabound base metal mineralization. The Matt Berry SEDEX deposit (Minfile 105H 021) covered by the Pepper claims, also owned by Redtail Metals claims), lies on strike, 5 km to the northwest.

The lower reaches of the claim block are covered by thick till deposits. This has hindered historical exploration efforts in the area.

A soil survey was contracted to Aurora Geosciences. A four-person crew spent six days on the property, based in a fly camp located on the claims. A total of 320 soil samples were taken on the contiguous Salt 1 to 10 claims, along a grid established by GPS navigation. Samples were spaced at every 50m along NE-trending lines which were spaced 100m apart. The non-contiguous Salt 11 claim (YD103002) did not receive any work, and therefore is not addressed in this report.

Metal response in the soils was subdued but show slight multi-element anomalies, one of which coincides roughly with a previously-defined DIGHEM airborne EM conductor and is worthy of follow-up.

INTRODUCTION

RATIONALE

This report documents the 2011 fieldwork done on the Salt 1-10 claims, for the purpose of meeting assessment requirements.

The Salt claim block was staked south of Kobex Mineral's Barb property, in the strike extent of the stratigraphy that hosts the Matt Berry Pb-Zn deposit (Minfile 105H 021). There, even though deformed, the mineralization appears roughly stratabound, and is hosted in phyllitic rocks assigned to the Selwyn Basin or MacEvoy platform stratigraphy. These phyllites are in turn underlain by deformed quartz-sericite augen schist, interpreted to be of volcanic origin. The deposit lies near the thermal aureole of the mid-Cretaceous Mt Billings Batholith and rocks show sign of hornfelsing. The mineral deposit model is interpreted to be of SEDEX type, or an intermediate between SEDEX and VMS deposit type (Fonseca, 2001).

Reserves calculated at the end of 1977 were 533,434 tonnes grading 6.1% Pb, 4.6% Zn and 102.86 g/t Ag (Minfile 105H 021). The mineralization consists mainly of galena and sphalerite, with lesser chalcopyrite and bornite.

The Money zone, located southeast of the Matt Berry deposit, is located on Kobex Minerals' Barb property, and hosts interesting geophysical and geochemical anomalies as well as (another?) horizon of quartz-sericite schist (see Figure 6). This horizon has been projected to extend just north of the Salt claim block. Drilling on the Money zone indicated the presence of massive sulphide mineralization, therefore confirming either the potential for mineralization at various stratigraphic levels, or continuity of mineralization along strike if the massive sulphide

horizon in the Money drill holes is an offset of the mineralized horizon at the Matt Berry deposit. Some geophysical targets remain to be tested.

The Salt claims could therefore host stratabound base metal mineralization, either in the strike extent of the Matt Berry horizon, in the Money horizon, or yet in a yet undiscovered stratigraphic horizon. The presence of two possible airborne DIGHEM conductors on the Salt 3 claims provide a possible target.

This report describes the soil sampling grid that was designed to provide a first pass approach in an area of poor outcrop, and an interpretation of the results.

LOCATION AND ACCESS

The Salt claims are located Watson Lake Mining district, Yukon Territory, approximately 160 km north of Watson Lake and 180 km southeast of Ross River. The property is located on NTS map sheet 105H 06, at 61 deg 26' N latitude and 129 deg 21' W longitude (UTM NAD83 Zone 09).

The claim block lies on the eastern shore of the East Arm of Frances Lake, approximately 16 km due east of the Frances Lake Territorial campground and of the Robert Campbell Highway (Figure 1).

Access is possible by boat or by float plane. For this project, the claims were accessed by helicopter chartered from Ross River (Bell 206 from Trans North Helicopters) and from MacEvoy Lake (Hughes 500dD from Kluane Helicopters). Camp was mobilized from a burrow pit on the Robert Campbell Highway and demobilized to the Frances Lake Territorial campground.

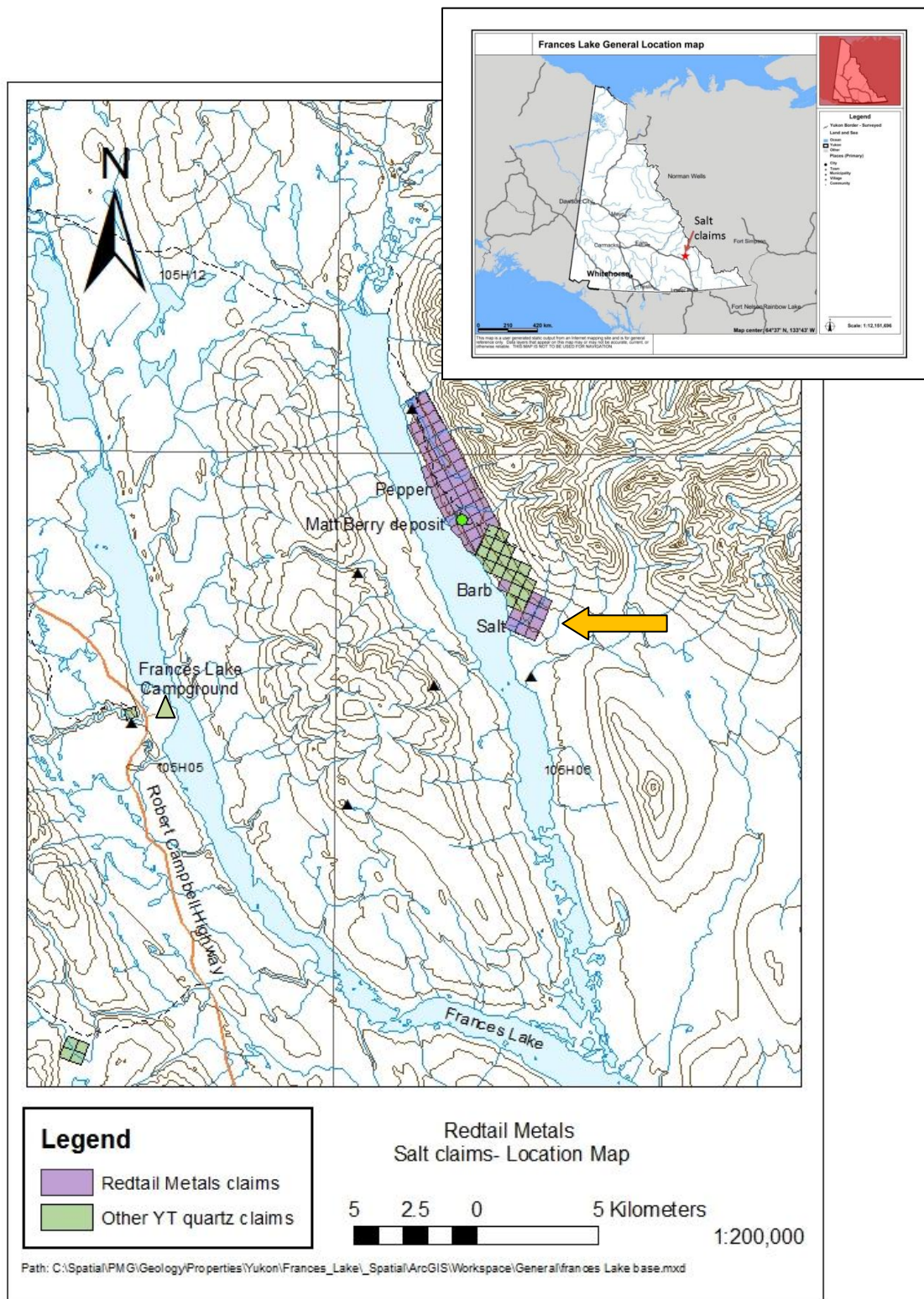


FIGURE 1 GENERAL LOCATION MAP

PROPERTY CLAIMS STATUS

The Salt property consists of 11 2-post non-surveyed claims, 10 of which are contiguous and are the focus of this report. Table 1 lists the claim data for these 10 claims, the claim map is outlined in figure 2.

TABLE 1 CLAIM DATA

District	Grant Number	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS Map Number	Renew to date (subject to approval)
Watson Lake	YD31284	SALT	1	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD31300	SALT	2	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD31299	SALT	3	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD31298	SALT	4	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD31297	SALT	5	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD31296	SALT	6	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD73454	SALT	7	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD73390	SALT	8	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD73389	SALT	9	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016
Watson Lake	YD73388	SALT	10	REDTAIL METALS CORP. - 100%	11/19/2011	Active	105H06	11/19/2016

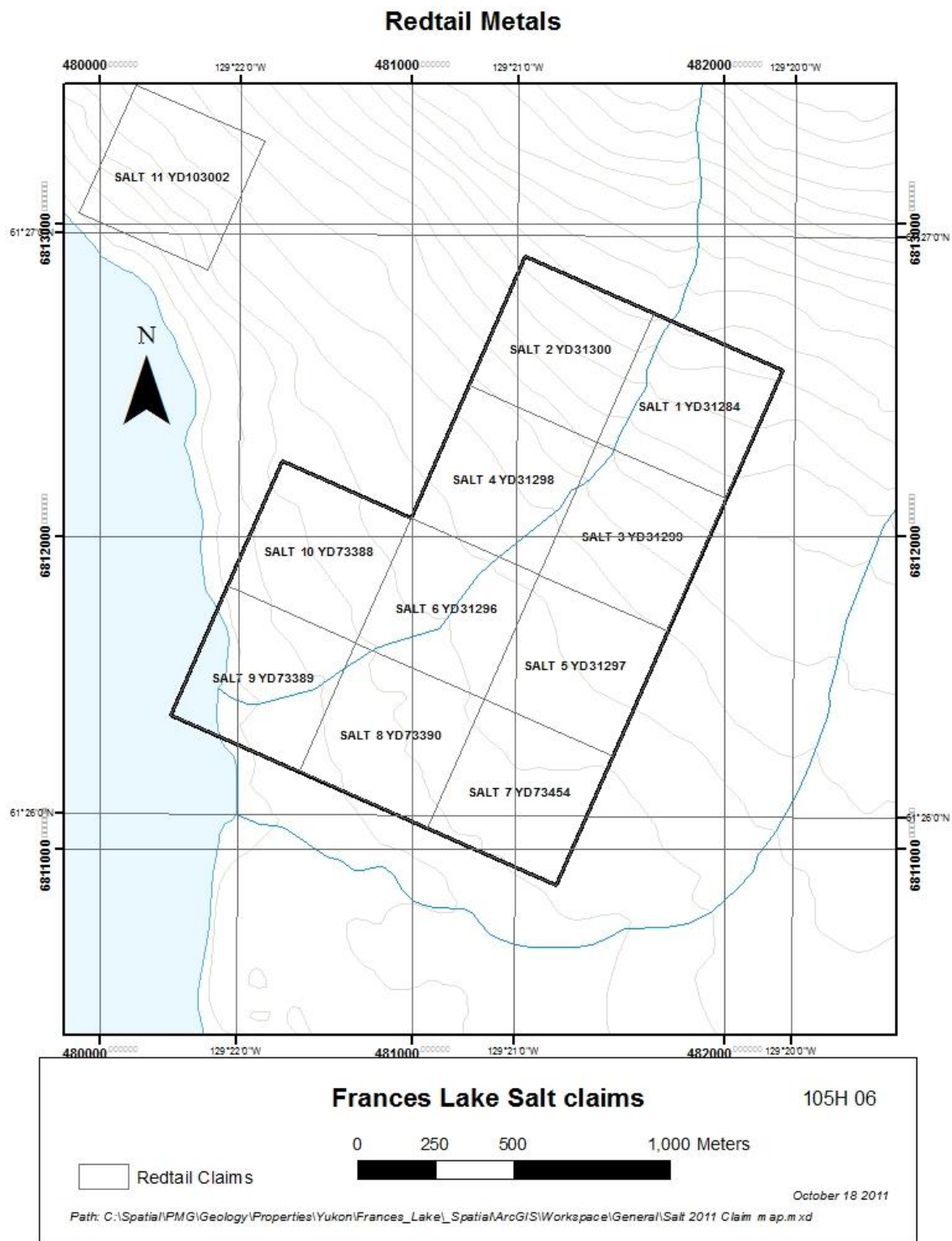


FIGURE 2 CLAIM MAP

REGIONAL GEOLOGY

The area is interpreted to lie at the western edge of Selwyn Basin, near its western boundary with Yukon Tanana Terrane.

The bedrock geology map from the Yukon Geological Survey shows an upright sedimentary sequence consisting of siltstone, carbonate and quartzite of the Siluro-Devonian McEvoy Fm (SDM(2)) overlain by the shales cherts and coarse clastics of the Devonian Earn Group (DME). The McEvoy sequence is thought to represent a high standing block during Selwyn Basin sedimentation (Fonseca, 2001). This sedimentary package is in turn intruded and hornfelsed by the mid-Cretaceous Mt Billings Batholith, a kspars-porphyrific quartz monzonite to syenite belonging to the Selwyn Suite of intrusions. The Matt Berry deposit, located 5km north of the Salt claims, lies within the thermal aureole of this intrusion.

The SDM2 subunit is dominated by carbonates and orthoquartzites. The literature on the Matt Berry deposit indicates that phyllites are the dominant rock unit and therefore the more local interpretation is that deeper basinal rocks are probably better assigned to the Road River or Earn Groups. The presence of a quartz-sericite unit, within the phyllitic package, points to a volcanic episode punctuating the basinal sedimentation. Elsewhere in Selwyn Basin, volcanic rocks occur in Cambrian to Ordovician sequences, but felsic compositions are rare.

Rocks near the Matt Berry deposit are strongly deformed. The intensity of structural deformation and the hornfels overprint complicate the correlation.

Fonseca (2001) states that Pb dating of galena from the black shales hosting the Matt Berry deposit returned Devonian ages, therefore concluding that this unit is correlatable with the Earn Group. However, the Minfile states her (?) conclusion as being of Ordovician age therefore correlating the host rocks with Road River Group.

The reader is referred to Minfile 105H 021 (Yukon MINFILE, Appendix C) for a description of the Matt Berry occurrence, 5km northwest of the Salt claims. The Matt Berry deposit is small tonnage SEDEX deposit. Calculated historical resource estimations are 533,434 tonnes grading 6.1% Pb, 4.8% Zn, and 102.9 g/t Ag.

The glacial limits map on the Yukon Geological Survey map maker shows that the area was completely covered by the McConnell glaciations (ca. 22Ka). Mapping of surficial features at 1:100,000 scale (Dyke, 1981 and Lipovsky and Bond, 2011) show that a locally-derived till blanket, from 2 to 20m thick, cover the area surrounding the claims, and extend upslope from the shores of Frances Lake. The claim area is characterized by linear crevasse-fill features, that are oriented parallel to the creeks and to the long axis of the claim block (perpendicular to the lake shore). These features are interpreted to have formed on top of or in the ice, and a variety of mechanisms, and resulting till composition, are possible.

One interpretation of these linear glacial features is that crevasse-fill ridges are formed by the flow of pre-existing (lodgement) till into open crevasses during glacier surge (Sharp, 1985).

This potentially indicates an active glacial environment which may complicate the interpretation of geochemical results.

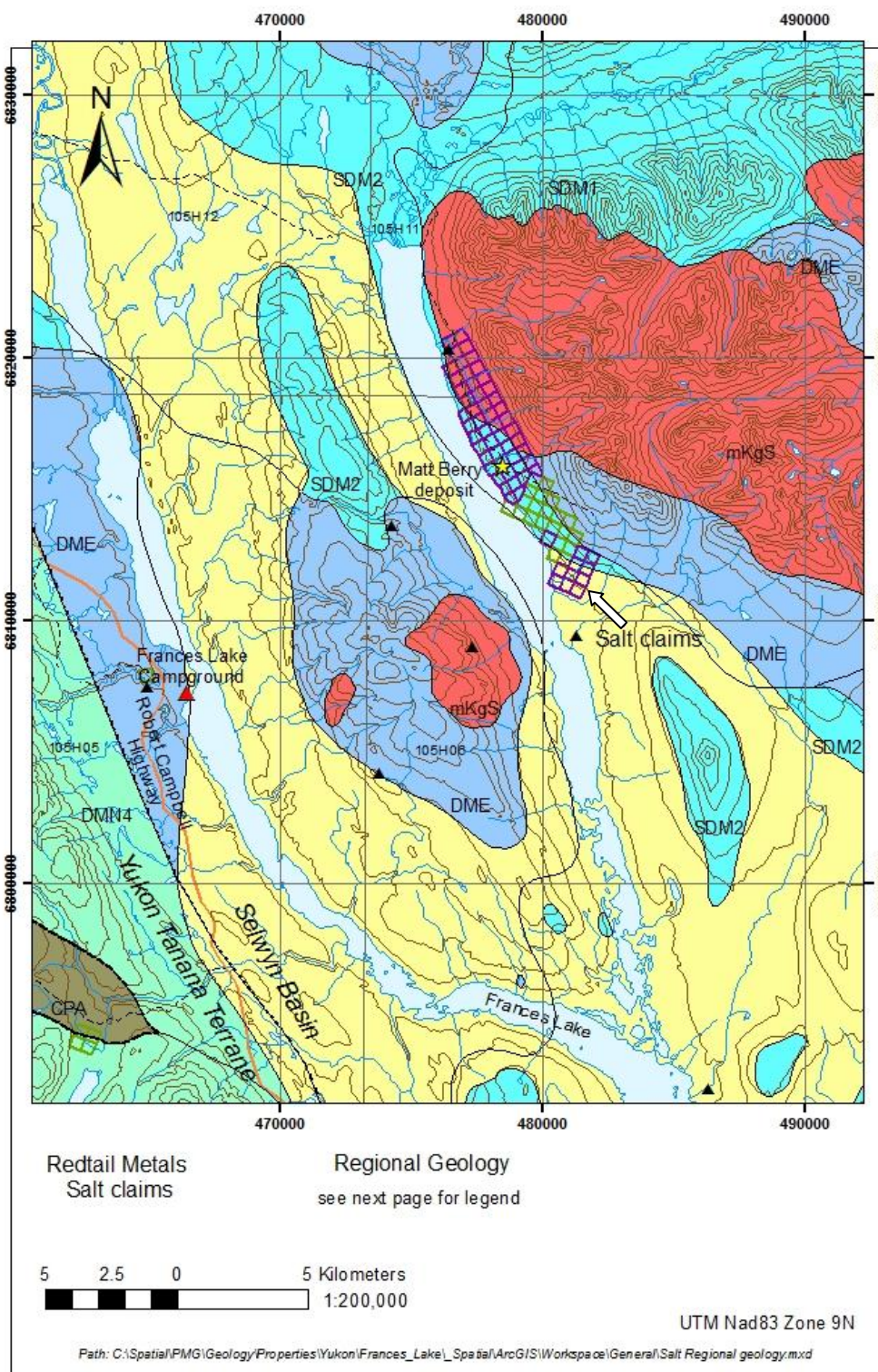


FIGURE 3 REGIONAL GEOLOGY

Legend

Regional Geology - from Yukon Geological Survey website

Selwyn Basin

MID-CRETACEOUS

mKS

mKS: SELWYN SUITE

plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

- g. resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspar) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite (Selwyn Suite)

DEVONIAN AND MISSISSIPPIAN

DME

DME: EARN

complex assemblage of submarine fan and channel deposits (1), (5) within black siliceous shale and chert (2), (4) and including separated small occurrences of felsic volcanic rocks (3); barite common, and many occurrences of stratiform Pb-Zn

1. thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone (Earn Gp., Portrait Lake and Prevost)

SILURIAN TO MIDDLE DEVONIAN

SDM

SDM: MCEVOY

buff, platy siltstone (1) overlain by carbonate and quartzite (2)

1. buff, brown and grey laminated, platy, calcareous or dolomitic siltstone, grey orthoquartzite, and minor black, argillaceous limestone; silty dolomite, dolomite
2. medium grey, medium bedded to massive, laminated to sucrose, dolomite and sandy dolomite; dark grey, fetid, platy limestone; silvery white weathering, resistant, medium bedded, medium grained, mature orthoquartzite forms interbeds and thick members

Yukon Tanana Terrane

CARBONIFEROUS AND PERMIAN

CPA

CPA: ANVIL

dominantly oceanic assemblage of mafic volcanics (1), ultramafics (4), chert and pelite (2), limestone (3) and gabbroic rocks (5)

CPA3

1. variably altered and foliated, locally augite-phyric basalt (local pillows), diorite and gabbro, chloritic greenstone, amphibolitic greenstone and amphibolite; minor metachert, siliceous argillite or siltstone, greywacke, tuff, and siliceous limestone

DEVONIAN, MISSISSIPPIAN AND(?) OLDER

DMN

DMN: NASINA

graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and(?) (6) with interspersed marble (2) and probable correlative successions (7) - (9)

DMN2

4. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Klondike Schist Assemblage

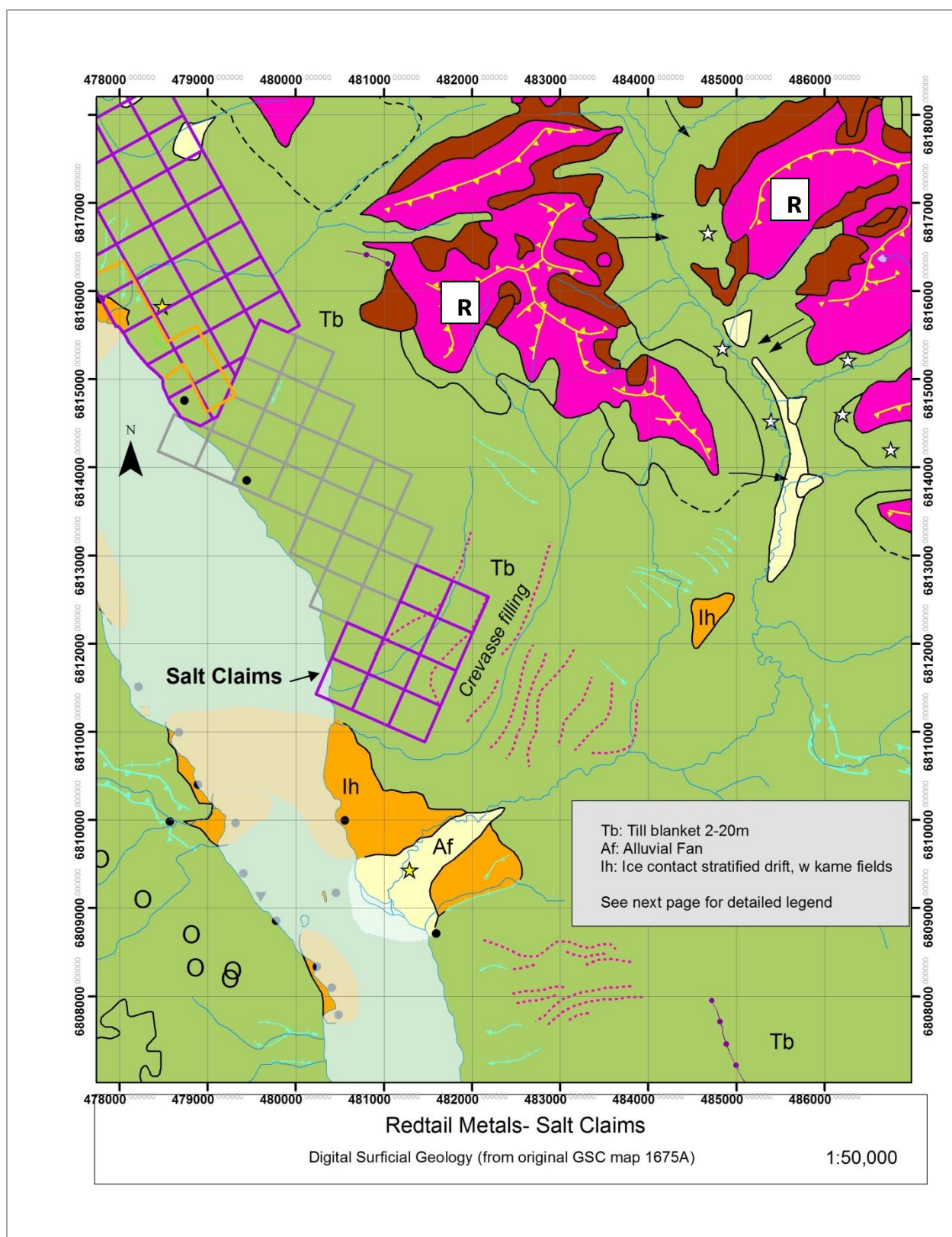


FIGURE 4 SURFICIAL GEOLOGY (MAPPING AT 1:100,000 SCALE)

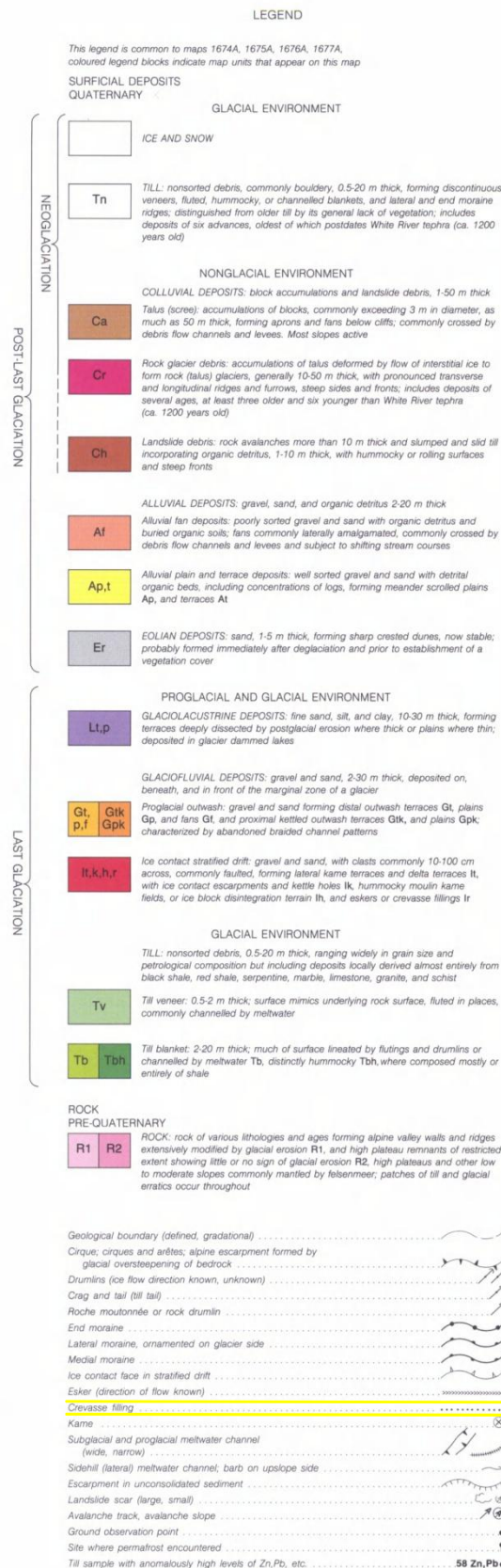


FIGURE 4B LEGEND- SURFICIAL GEOLOGY

Legend from scan of original paper map:

Dyke, 1960 map 1675A

PROPERTY GEOLOGY

The following figure shows the same map as Figure 3- Regional Geology, but at a more detailed scale. According to this regional map, the claims are underlain by dark phyllite assigned to either the McEvoy platform, the Road River or the Earn Group, depending on the author. The geology map from the Cominco assessment report 090861 shows a mapped a band of quartz-augen schist within a unit of dark phyllite, structural symbols indicate the unit strikes to the northwest and dips to the north east. The georeferencing of this map is not precise enough at this time to determine the exact location of this band. The Barytex compilation map (see below, Figure 6) shows that the quartz(-sericite) augen schist, interpreted to represent a volcanic component to the Road River or Earn Group, is projected to extend just to the north of the Salt claim block.

The literature on the Matt Berry deposit indicates that rocks are strongly deformed and show some evidence of hornfelsing. The same probably applies to the rocks of the Salt claims. The Cominco map does indicate a contact with a hornfels unit, this would be located some distance east of the claims.

The extent of the quaternary cover is significant and has been a hindrance to earlier exploration efforts in the area. Regional surficial mapping (Figure 4) indicates till cover from 2 to 20m, which is substantiated in the drill hole logs of the Matt Berry deposit, 5km to the northwest. According to this mapping, crevasse-fill features occur on the property, but this has not be field-checked.

PREVIOUS WORK

Although a significant amount of work occurred on and in the vicinity of the Matt Berry deposit to the north, very little work was done over the current Salt 1-10 claims. Part of the exploration work did spill over to cover some of the Salt claim block.

Even though poor topographic control on the historical maps prevents the georeferencing from being accurate, the best effort to locate this historical work is portrayed below.

A compilation map by Barytex (1999, assessment report 093989) shows two possible DIGHEM airborne conductors on Salt 1 and Salt 3 claims, roughly coincident with the edge of mapped Quaternary cover. The same map also plots geochemical contours, and geological information probably from the (following) Cominco report.

One assessment report by Cominco (1981, assessment report 090861) shows that the southern end of their soil grid overlapped (?) with the northern edge of the current Salt claim block. The exact location of this historical grid is uncertain, the georeferencing attempted below is somewhat different than what is portrayed on the Barytex compilation map.

In any case, the northern edge of the Salt claim block overlaps or is near the southern limit of the Cominco grid; the northwestern corner of the Salt 2 claim would therefore coincide with a few Cominco sample sites anomalous in Cu, Pb and Zn. Perhaps the edge of this grid is defined by the appearance of thick glacial cover, which would then mask the downhill extension of the soil anomaly.

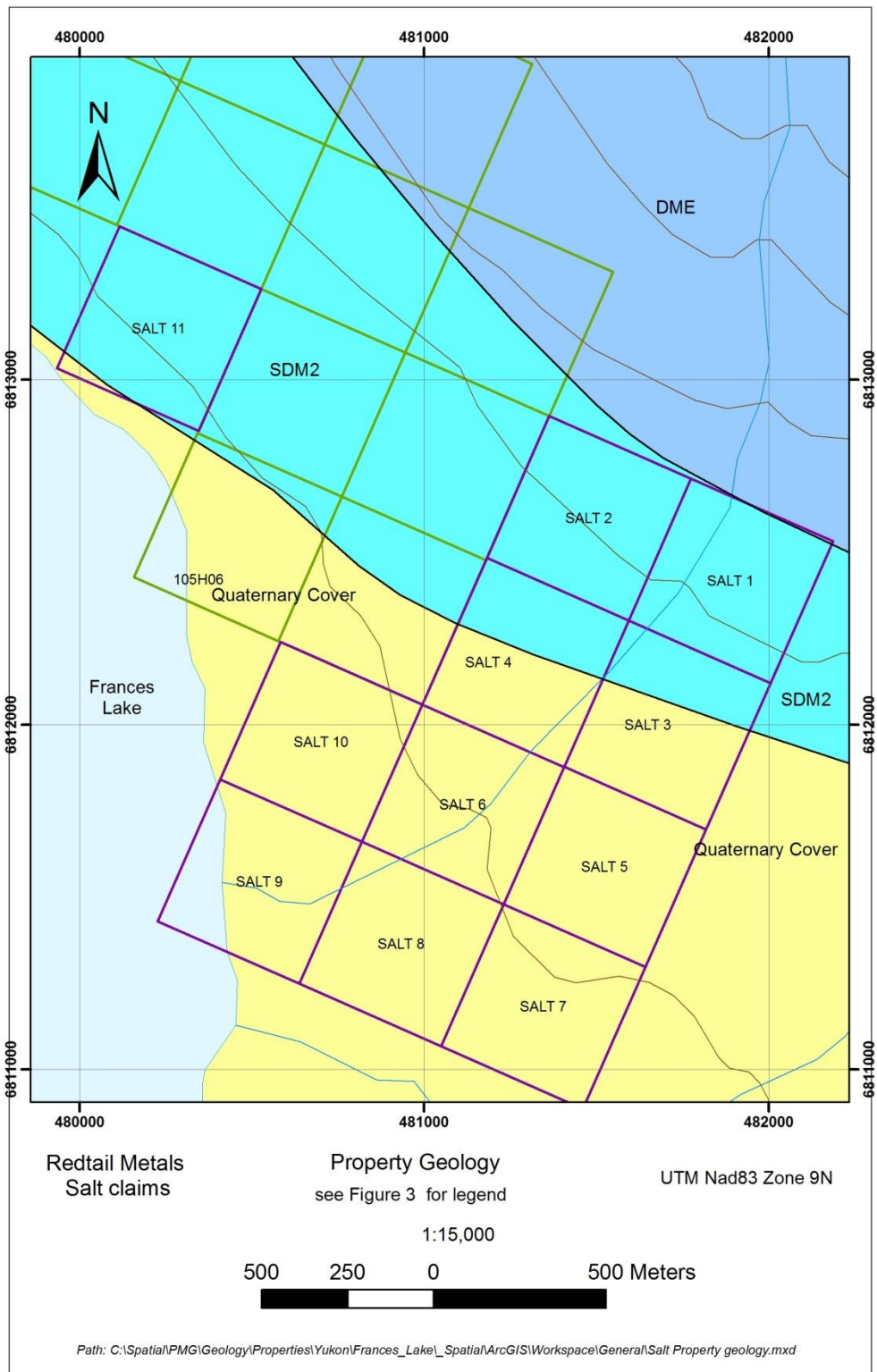


FIGURE 5 PROPERTY GEOLOGY

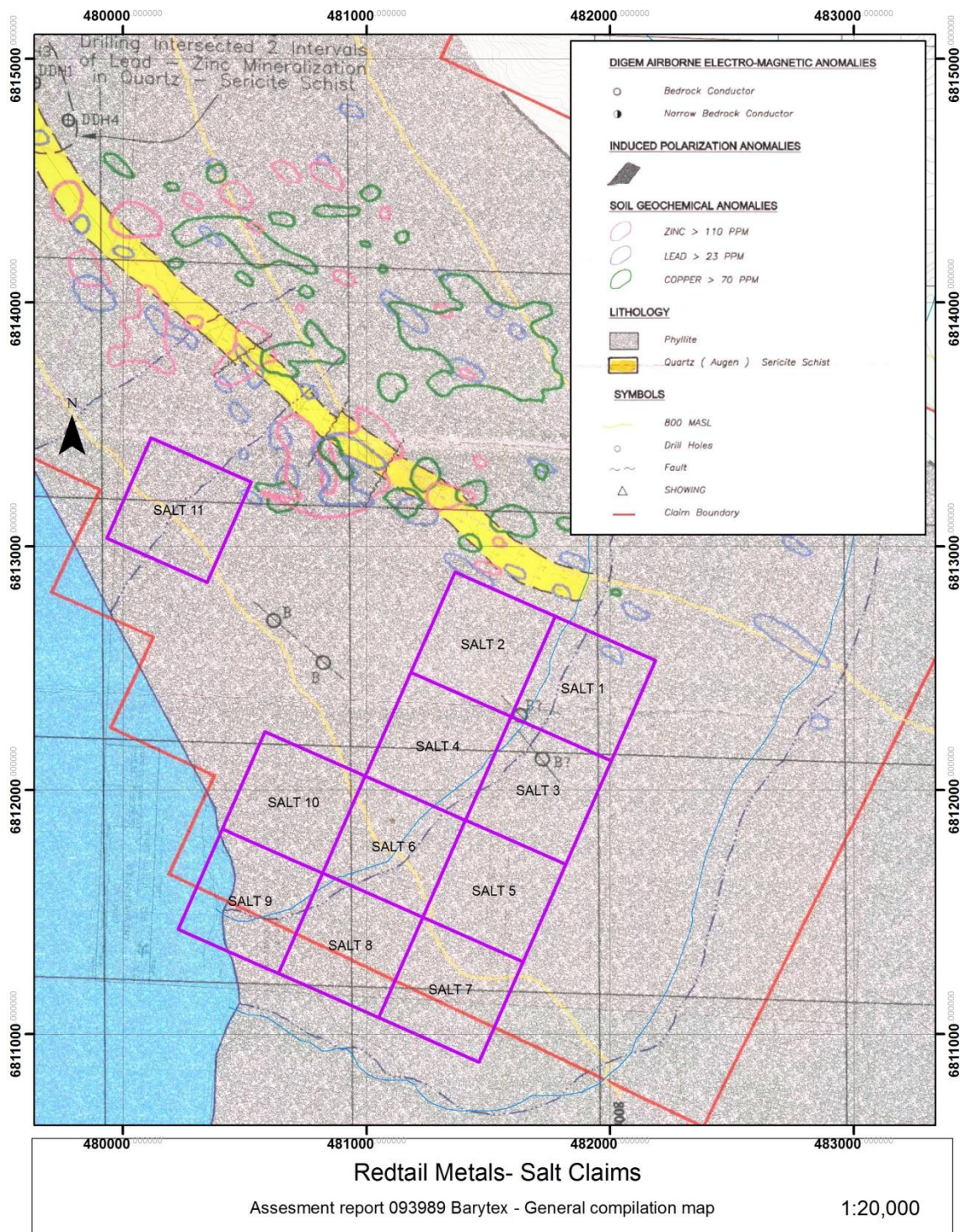


FIGURE 6 BARYTEX 1999 COMPILATION

Figures 6 to 8 from Hodson, 1981 (Cominco assessment report 090861).



FIGURE 7 HISTORICAL SOILS- CU

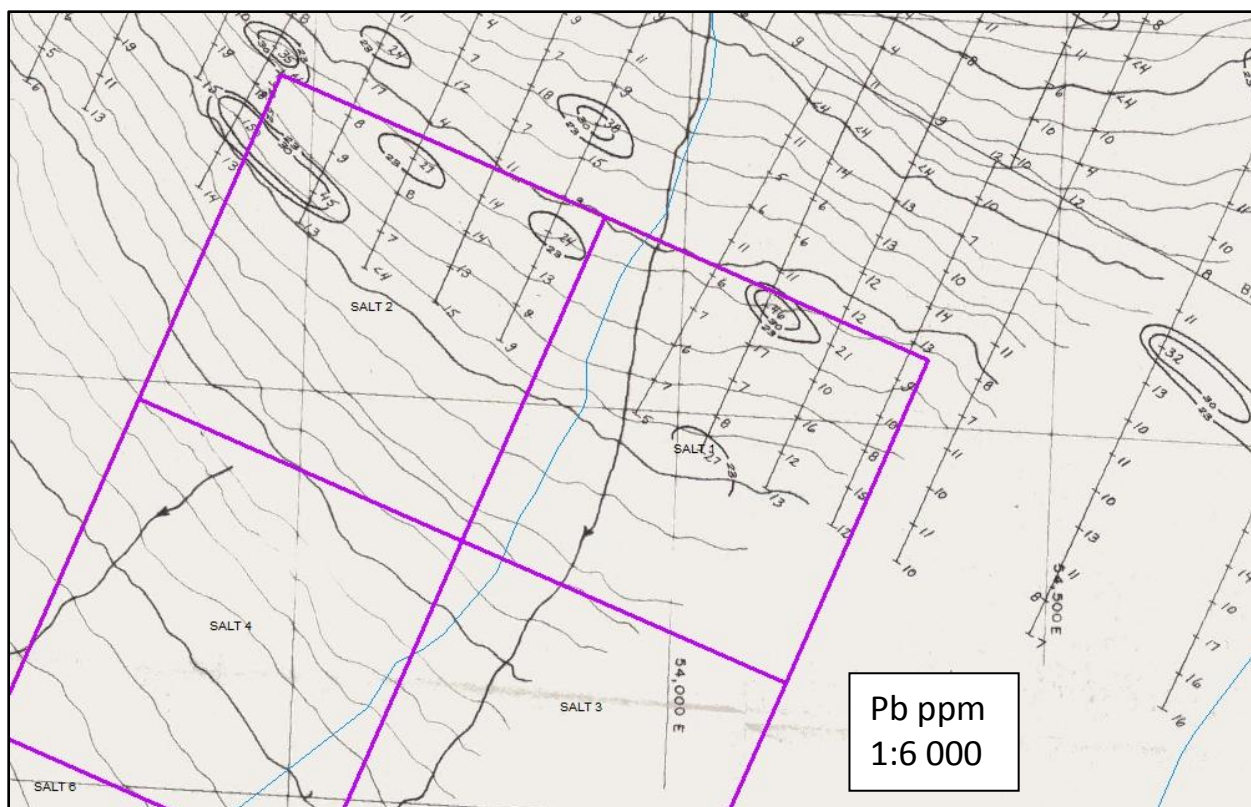


FIGURE 8 HISTORICAL SOILS- PB



FIGURE 9 HISTORICAL SOILS - ZN

DESCRIPTION OF 2011 WORK PROGRAM

Aurora Geosciences, a Whitehorse geological consulting firm, was contracted to execute a soil sampling program on the Salt property. A 4-person crew mobilized by helicopter to the claims on June 28th and demobilized on July 5th, on which date they drove back to Whitehorse.

Working from a fly camp set up on the claims, they took a total of 320 soil samples on a pre-defined grid consisting of 13 northeast-trending lines spaced 100m apart, lines were sampled every 50m. A total of 61 stations did not yield sufficient material to sample, generally due to either marshy conditions with either water or dominantly organic material in the sample hole, or to frozen ground conditions. These were labeled as 'no sample'. No geologist was on site during this work program.

METHODOLOGY

Lines were traversed by foot using an integrated hand-held GPS/computer as navigation tool. This instrument, a Juno by Trimble, consists of a hand-held non-differential GPS integrated with a palm computer equipped for data collection and with a camera.

Samplers navigated to waypoints supplied by Redtail Metals. Lines were not flagged; only the sample sites/stations were marked with blue and orange flagging and with a labelled tyvek tag. At each sample site, a hole was dug with a soil auger or a mattock. The target was the bottom of the B horizon, where developed. The soil was collected in a paper Kraft bag; the geographic location, sample characteristics were recorded and a sample photograph was collected.

Although the samples were assigned to a soil horizon (mostly B or C), most sample were also described as till being the parent material. There is therefore some uncertainty as to the nature of the sample. Sample depth was measured as depth below the vegetative mat.

Field duplicates were planned to be collected at frequency of every 50 samples. Out of a total of 320 samples, 7 were duplicates. These consisted of a second sample collected from a separate pit located within a few meters from the original sample site. A discussion of these results is found on p. 28.

Samples were shipped out with the crew to Whitehorse, in rice bags sealed with security tags. These were stored in Aurora's care until they were shipped to Acme Laboratories in Whitehorse by Predator Mining Group staff.

ASSAY METHODOLOGY

Samples were analyzed by ICP-MS (Acme Group 1DX2) whereby a 15g sample of pulp is leached in a hot Aqua Regia solution and analyzed for a suite of 36 elements. Any samples that would return gold grades > 1g/t, or overlimit grades for Cu, Pb or Zn were to be re-analyzed by a more appropriate assay method.

RESULTS

A total of 320 samples were analyzed for a suite of 36 elements. Geochemical maps are provided below for Au, As, Ba, Cd, Co, Cu, Mo, Pb, Sb and Zn. Metal response was subdued throughout the claim block, which is not surprising considering the significant extent of Quaternary cover.

Although the metal response in the soils was subtle, and the small statistical sample size limits the conclusions that can be derived, a careful look at the data distribution defines two clusters of anomalies with values significantly higher than the median.

- A diffuse area of weakly anomalous soils occurs on Salt 9, in the lower reaches of the claim block, near the main creek that drains the property. The area is relatively high in As, Ba, Cd, Mo, Sb and Zn. It is assumed that this area must be covered by thick alluvial material, therefore the anomaly could be contained in till and possibly transported.
- A persistent pattern of anomalies occur on Salt 1. Two sample sites consistently have some of the highest values in As, Co, Cu, Mo, Pb, Sb and Zn on the property (these are outlined by a narrow pink box in the maps below). Even though the actual values are low, the metal association suggests a favourable environment for SEDEX mineralization. This anomaly could possibly be associated with one of the airborne EM conductors shown on the Barytex compilation of Figure 6. This anomaly is worthy of follow-up.

TABLE 2 SOIL ASSAYS/ STATISTICS

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Mn ppm	Mo ppm	Ni ppm	P ppm	Sb ppm
min	0.3	0.1	5.4	5.9	28.0	1.7	30.0	0.05	3.4	118.0	0.2	7.6	70.0	0.1
max	36.1	0.7	79.1	36.3	233.0	43.9	580	1.2	43.6	1360	3.4	61.2	920.0	2.1
50th percentile (median)	1.0	0.05	19.3	13.5	60.0	10.4	101	0.2	9.9	325	0.8	20.1	440.0	0.4
90th percentile	2.8	0.2	32.2	20.1	85.0	18.9	161	0.3	16.1	588	1.4	29.3	570.0	0.5
95th percentile	3.8	0.2	38.2	22.1	97.0	20.1	188	0.4	18.6	686	1.6	34.7	610.0	0.6
99th percentile	10.5	0.3	57.7	29.6	126.0	35.4	286.4	0.5	30	1025.6	2.7	46.7	774	1.1
ratio max/ median	36.1	14	4.1	2.7	3.9	4.2	5.7	6.0	4.4	4.2	4.3	3.0	2.1	5.3

The sample location map is found in Appendix A.

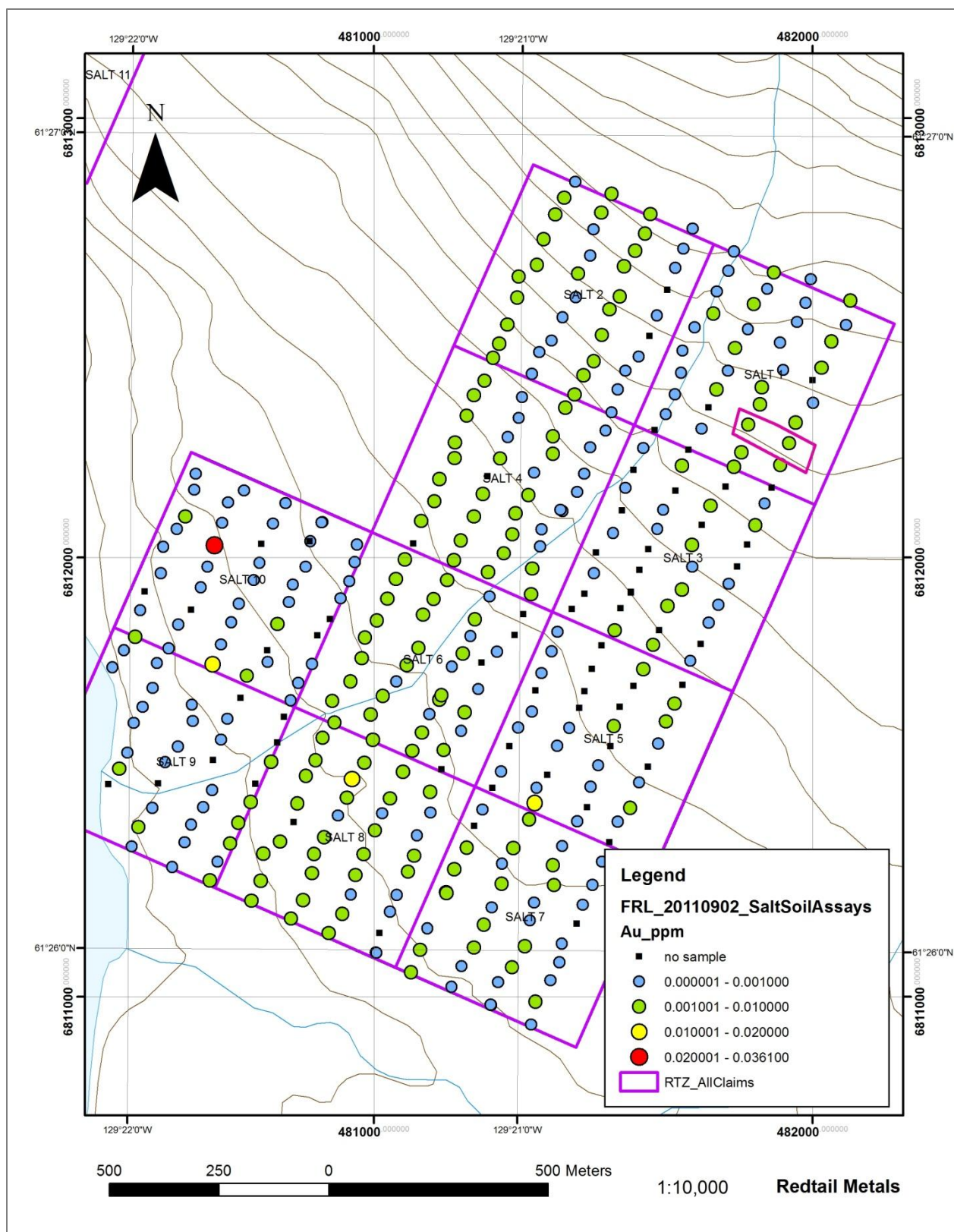


FIGURE 10 2011 SOIL RESULTS- AU PPM

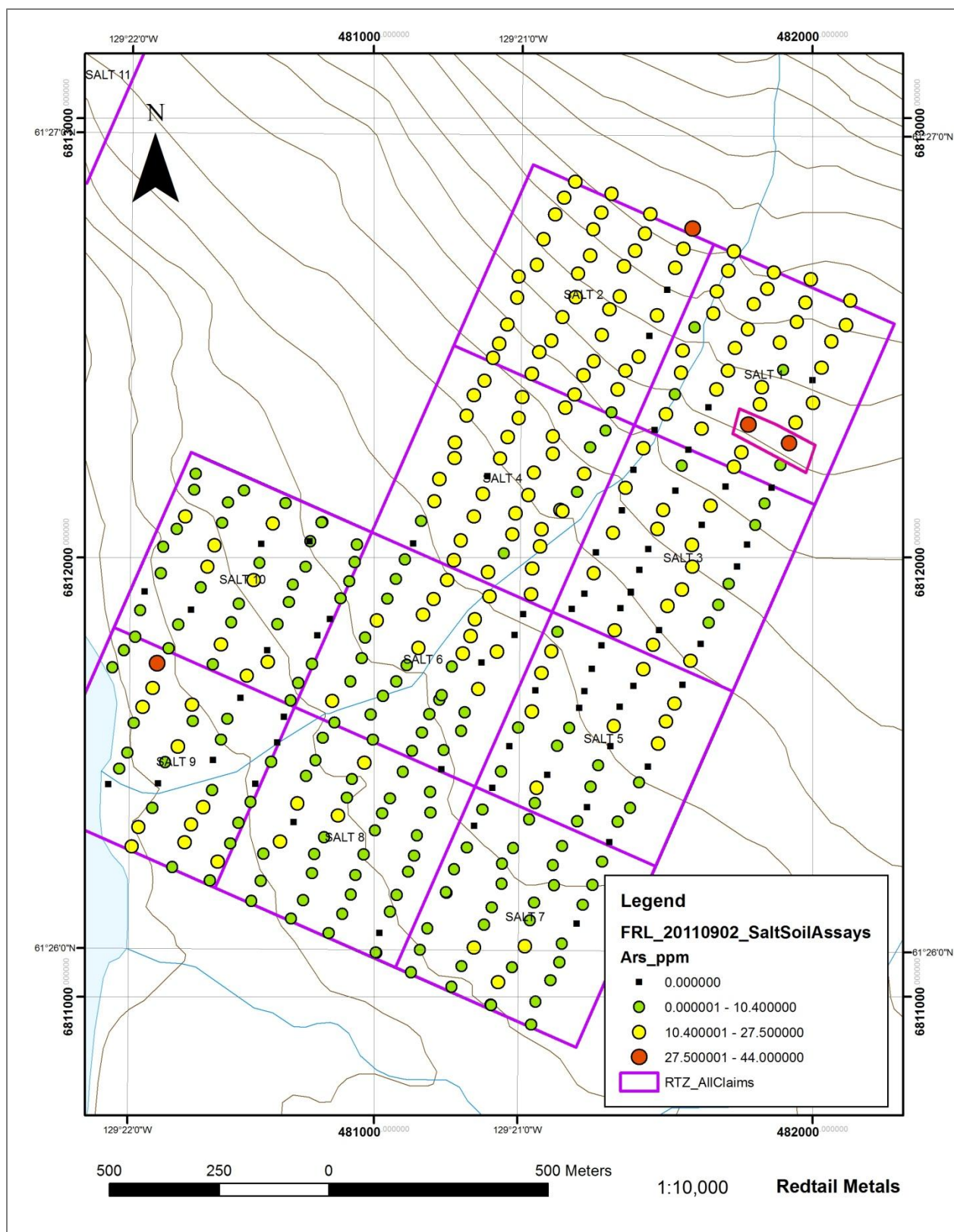


FIGURE 11 2011 SOIL RESULTS – AS

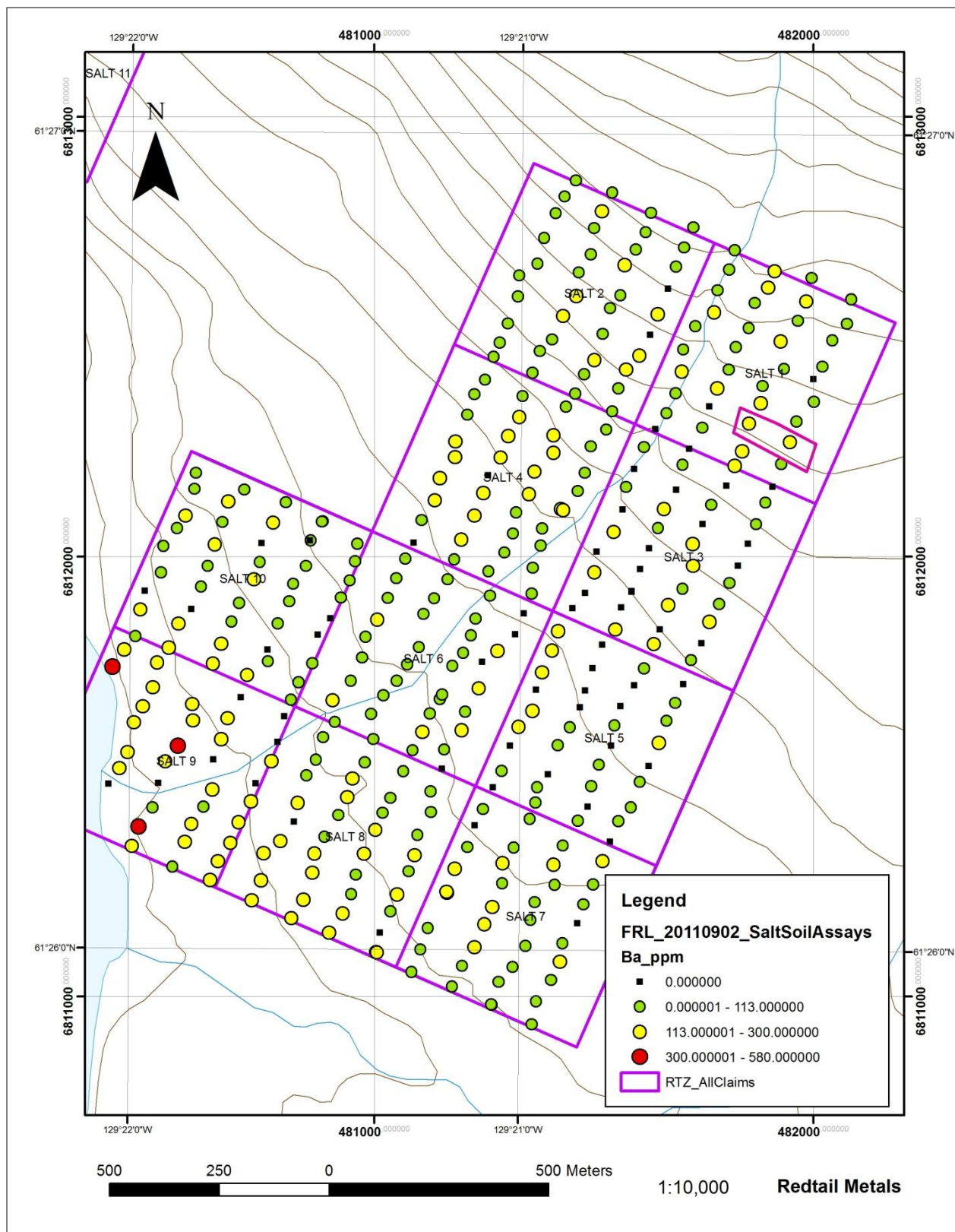


FIGURE 12 2011 SOIL RESULTS- BA

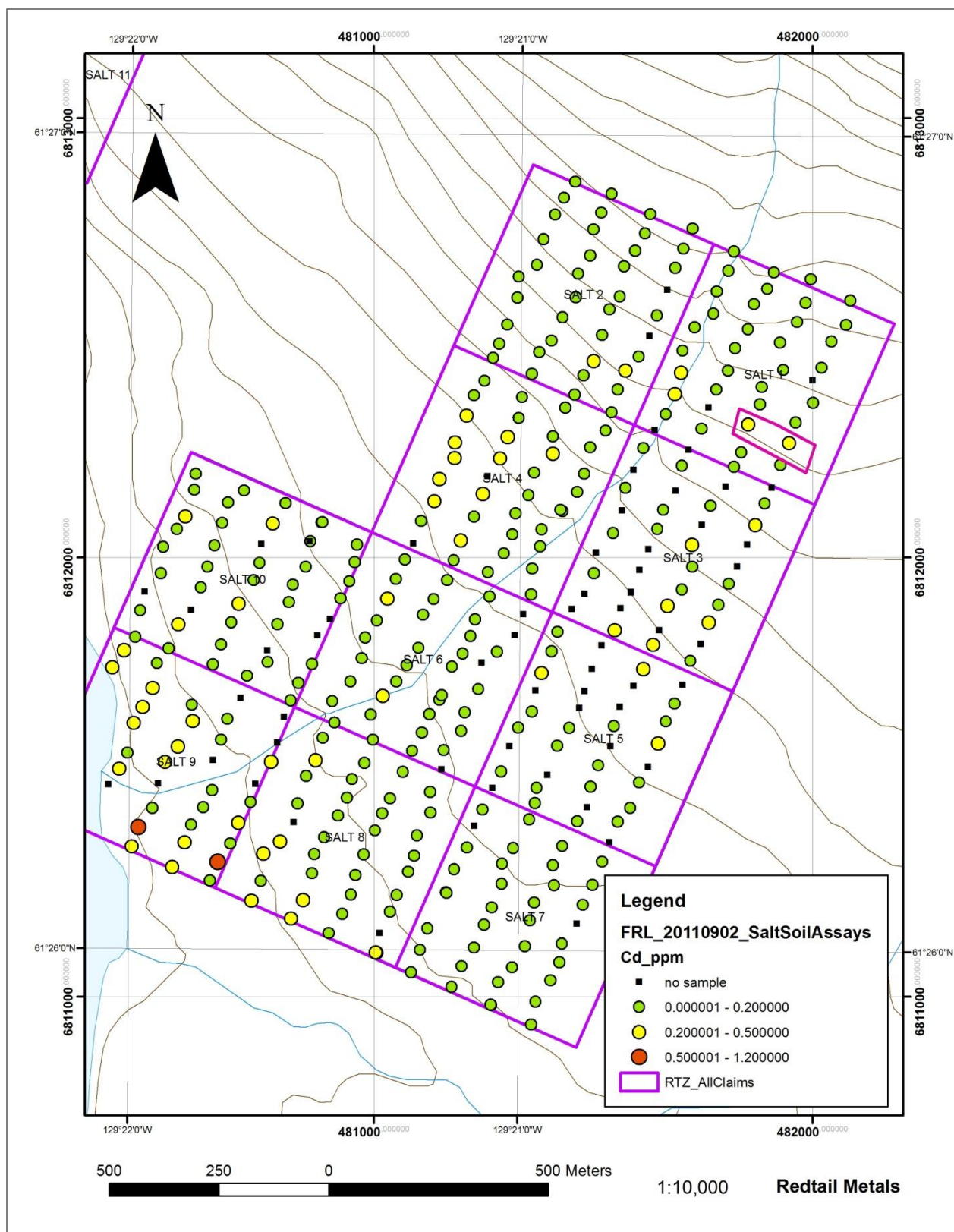


FIGURE 13 2011 SOIL RESULTS – CD

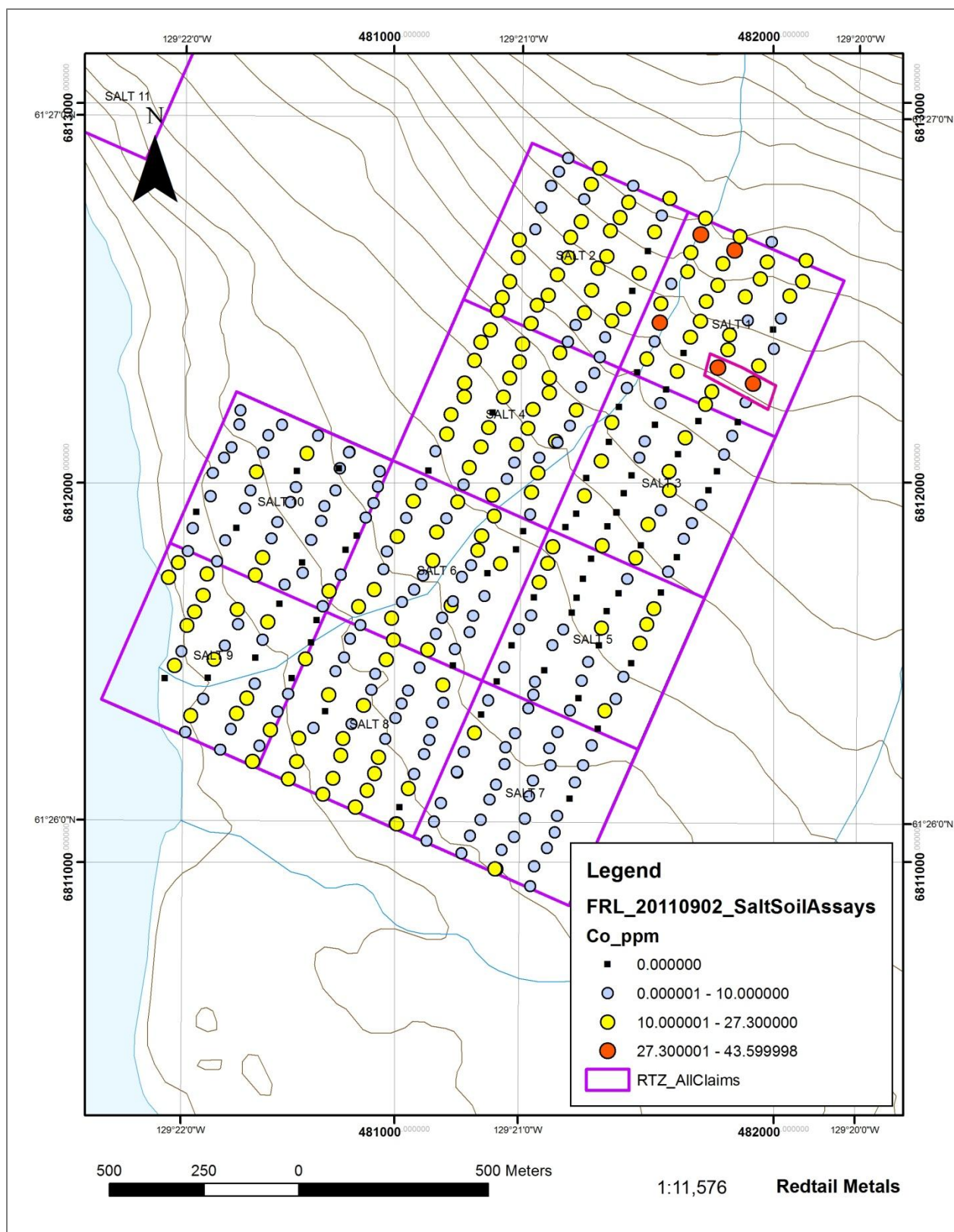


FIGURE 14 2011 SOIL RESULTS- CO

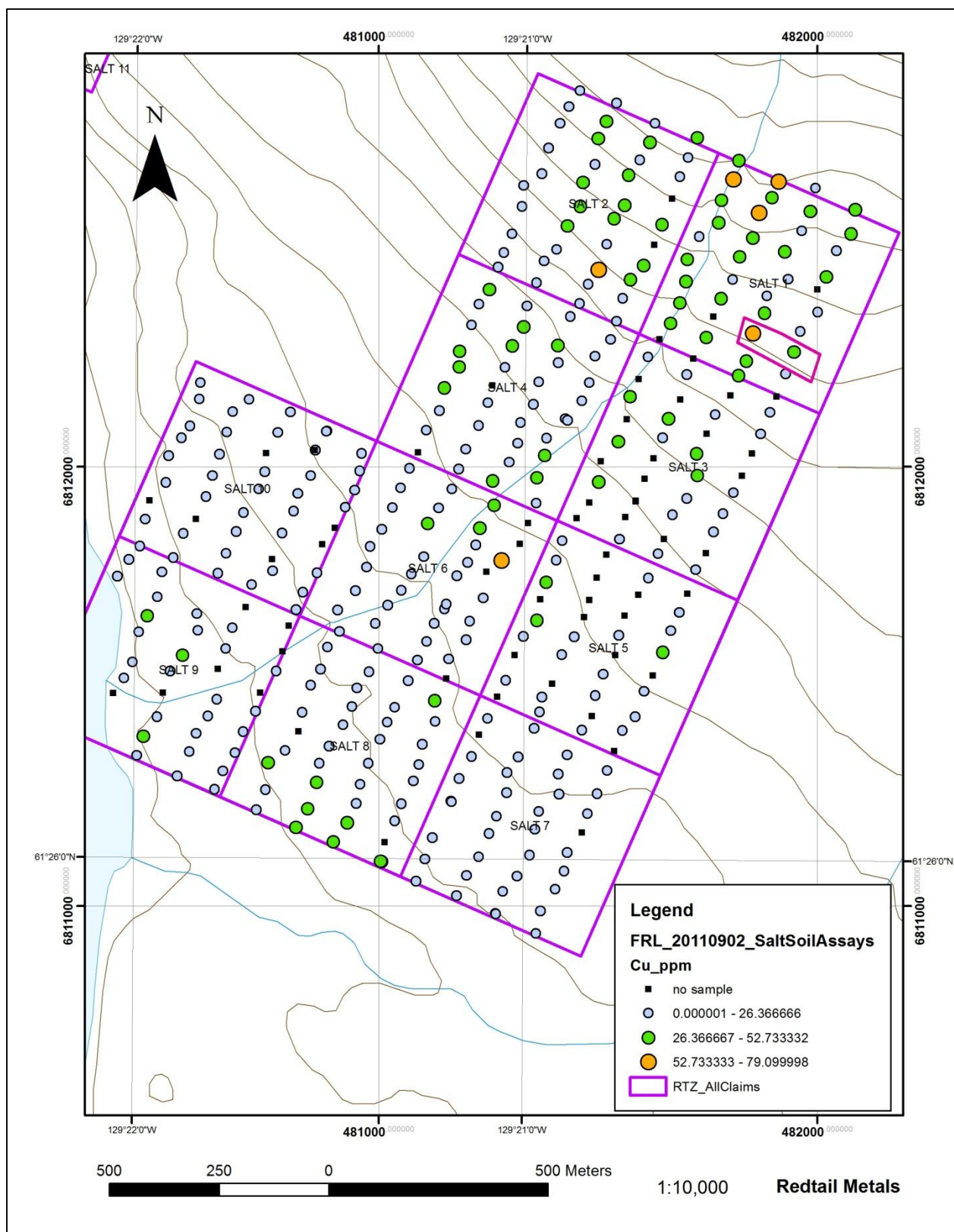


FIGURE 15 2011 SOIL RESULTS- CU

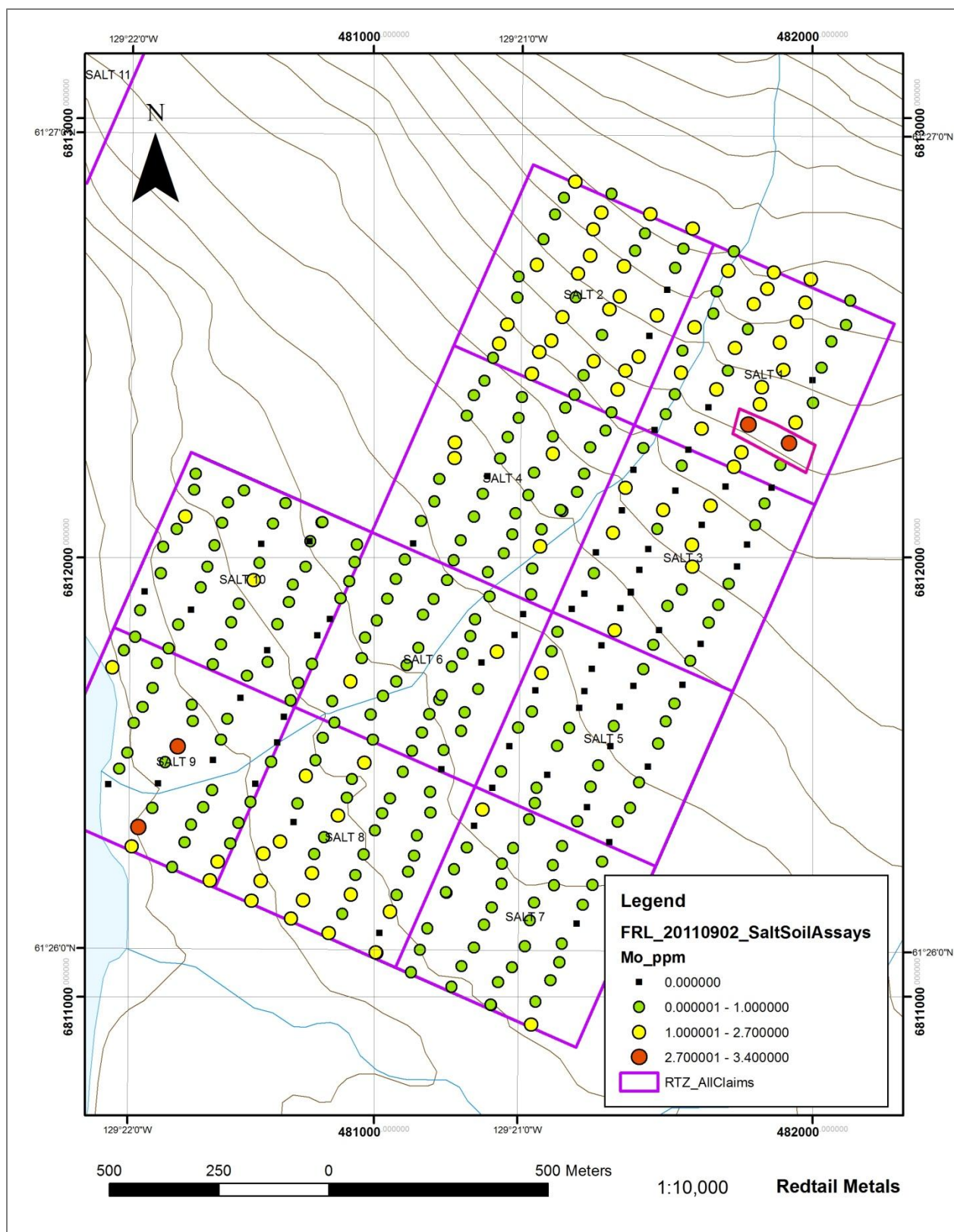


FIGURE 16 2011 SOIL RESULTS- MO

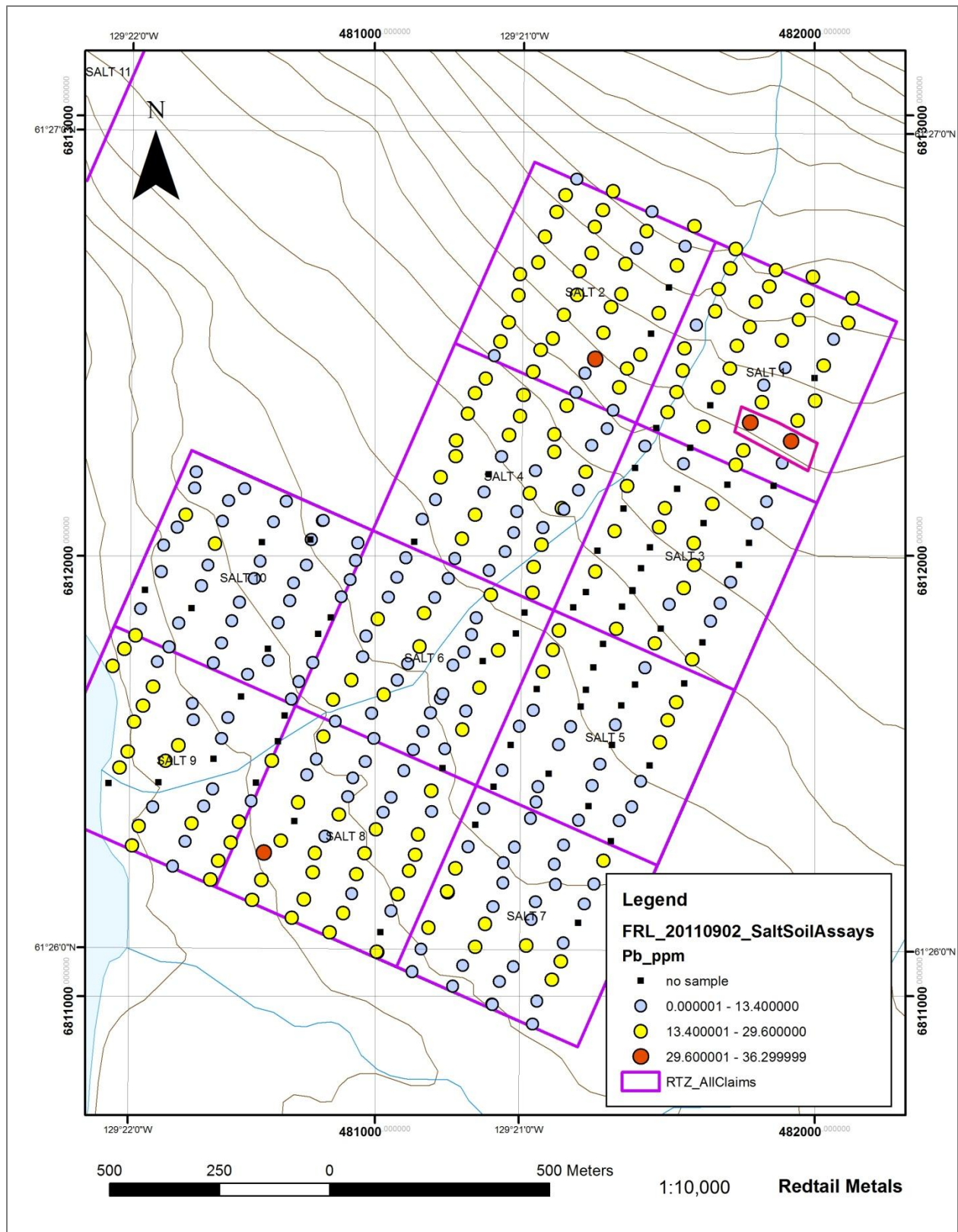


FIGURE 17 2011 SOIL RESULTS- PB

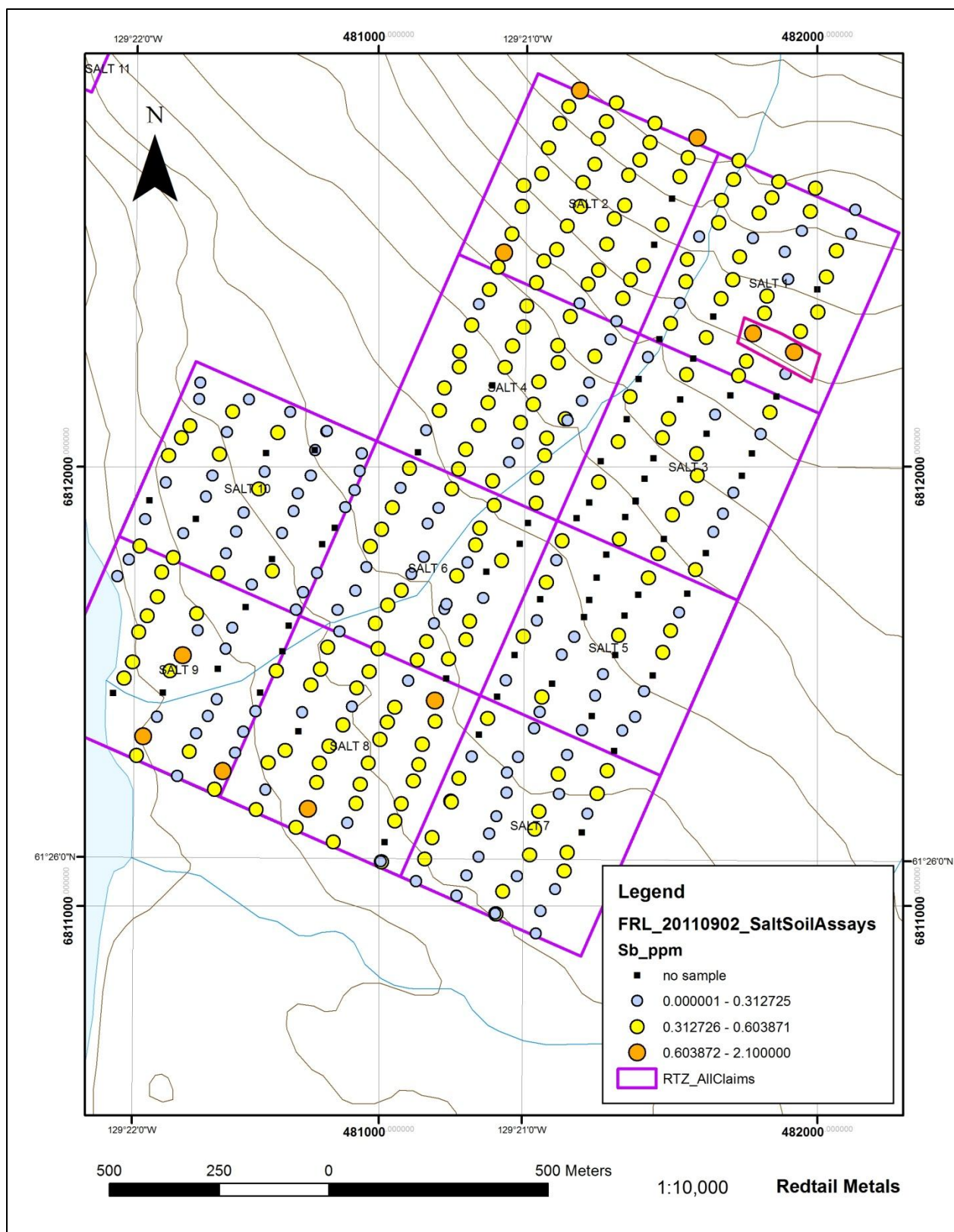


FIGURE 18 2011 SOIL RESULTS- SB

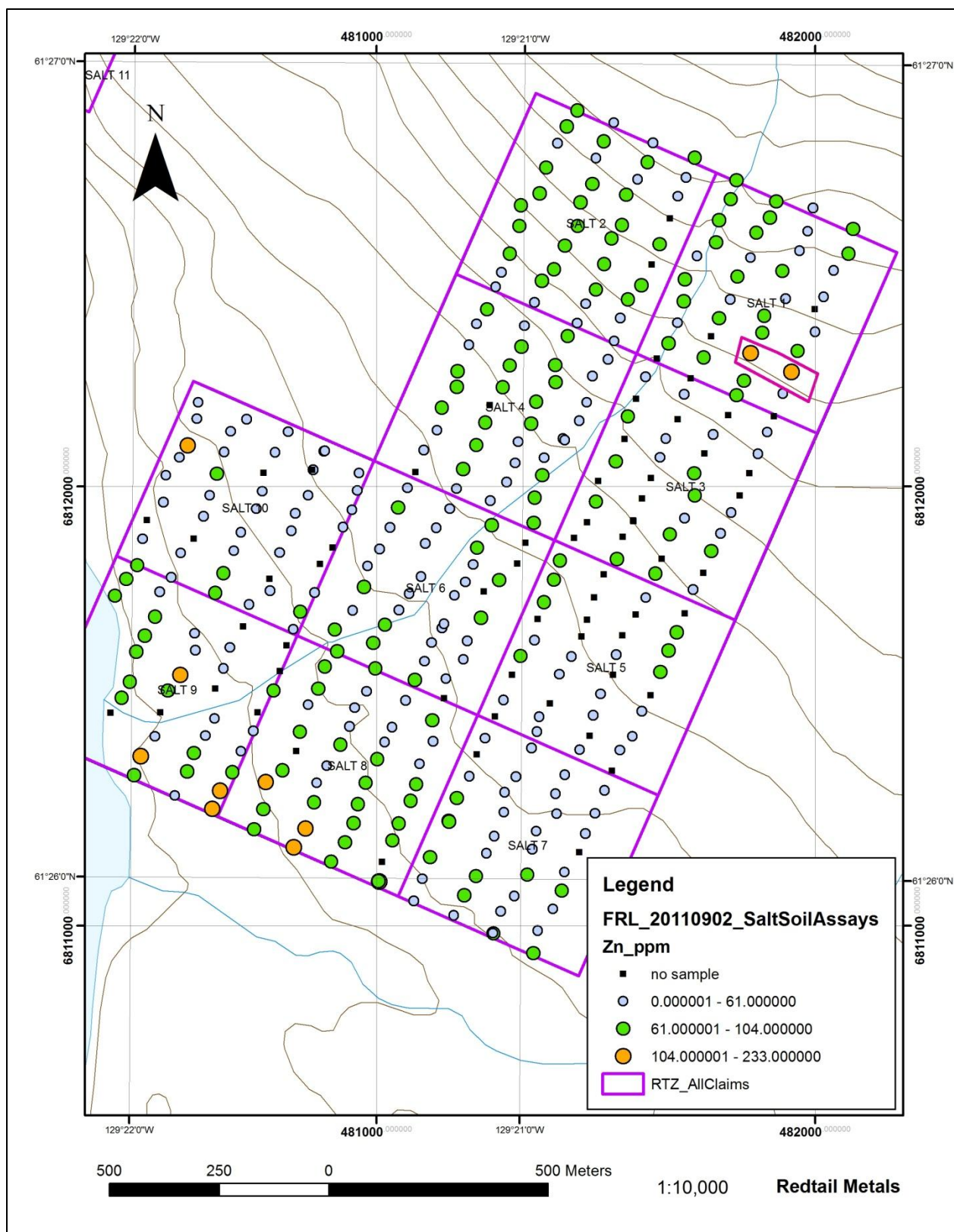


FIGURE 19 2011 SOIL RESULTS- ZN

SOIL DUPLICATES

A total of seven pairs of soil duplicates were taken on the Salt grid, each sample of the pair taken in separate pits separated by a few meters. To evaluate the relevancy of such a procedure, the difference between two values is divided by the average of the two values. The percent relative difference between the two samples in the pair was calculated by the following formula: $([\text{Assay A} - \text{Assay B}] / \text{Average} [\text{assays A and B}]) \times 100$. The results show that the reproducibility of assays was moderate for Cu with 2 out of 7 pairs at around 20% relative difference. For Pb, also 2 out of 7 pairs had between >15% relative difference but one pair had 39.2% relative difference, a relatively high number considering the immobile nature of Pb in soils. Results were better for Zn (only one pair of samples at > 15% relative difference), although the variation in that pair of sample is the strongest (at 45% relative difference). The assay values for silver were very low, and appear very reproducible.

Sample pair 1160363 and 364 show more than 20% relative difference for most elements.

Other elements such as Bi, Cd, Hg, and Tl had more than 3 pairs of samples that had >50% relative difference.

The small data set makes interpretation tentative, an overall look at all duplicate samples collected over the season will yield more definitive conclusions to help determine if taking such duplicate samples can be of use. The data for the most significant elements is listed below in Table 3, while the data for all elements can be found in Appendix E .

TABLE 3 SIGNIFICANT DUPLICATE SOIL DATA

Sample ID_1	Sample ID_2	Cu ppm_1	Cu ppm_2	rel diff % Cu	Pb ppm_1	Pb ppm_2	rel diff % Pb	Zn ppm_1	Zn ppm_2	rel diff % Zn	Ag ppm_1	Ag ppm_2	rel diff % Ag
		d.l. 0.2ppm			d.l. 0.2 ppm			d.l. 2 ppm			d.l. 0.01		
1160997	1160998	19.1	17.2	10.5	10.8	9.8	9.7	49	48	2.0619	0.05	0.05	0
1160948	1160949	20	22.6	-12.2	11.7	13.7	-15.7	52	53	-1.9048	0.05	0.10	-66.7
1160497	1160498	15	12.4	19.0	12.1	11.9	1.7	60	67	-11.024	0.05	0.05	0
1160363	1160364	28.9	35.6	-20.8	16.8	25	-39.2	70	111	-45.304	0.10	0.10	0
1160321	1160322	8.3	8	3.7	9.5	10.3	-8.1	36	37	-2.7397	0.05	0.05	0
1160258	1160259	10.2	10.4	-1.9	8.3	8	3.7	39	38	2.5974	0.05	0.05	0
1160181	1160182	15	15	0.0	16.2	17.2	-6.0	64	63	1.5748	0.05	0.05	0

CONCLUSIONS AND RECOMMENDATIONS

Metal response from the soil sampling program was subdued but a few patterns emerge:

- A diffuse area of weakly anomalous soils occurs in the lower reaches of the claim block on Salt 9, near the main creek that drains the property. It is assumed that this area must be covered by thick alluvial material, therefore the anomaly could be contained in till.
- A persistent pattern of anomalies occur on Salt 1. Two sample sites consistently have some of the highest values in As, Co, Cu, Mo, Pb, Sb and Zn on the property (they are outlined in a small pink box on the maps). Even though the actual values are low, the metal association suggests a favourable environment for SEDEX mineralization. This anomaly could possibly be associated with one of the airborne EM conductors shown on the Barytex compilation of Figure 6. A more thorough attempt at georeferencing the historical data should be attempted to test this association. This anomaly is worthy of follow-up.

An interpretation of the Quaternary geology and local glacial features is needed to help the interpretation of the geochemical results. Perhaps separating the samples in different domains based on nature and thickness of overburden could allow a more refined interpretation of the geochemical response. Regional bedrock geology and surficial geology mapping should be field checked, and location of bedrock and glacial features confirmed.

The results of the 2011 soil survey should be integrated with the historical geochemical data for the area north of the Salt claim block to provide a larger data set and therefore a more relevant statistical analysis. A comparison could be made with the soil response near known mineralization near the Matt Berry deposit and at the Money zone.

Ground truthing of historical property-scale data (geochemistry, geophysics and geology) and better georeferencing is needed to precisely locate the historical work. Follow up ground geophysics could be conducted where anomalous soil responses coincide with possible airborne EM conductors. Trenching could be considered if overburden cover is shallow in this area. The application of more advance exploration methods would be contingent on results.

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STATEMENT OF QUALIFICATIONS

I, Danièle Héon, of:

12 Marigold Place
Whitehorse, YT
Y1A 6A2

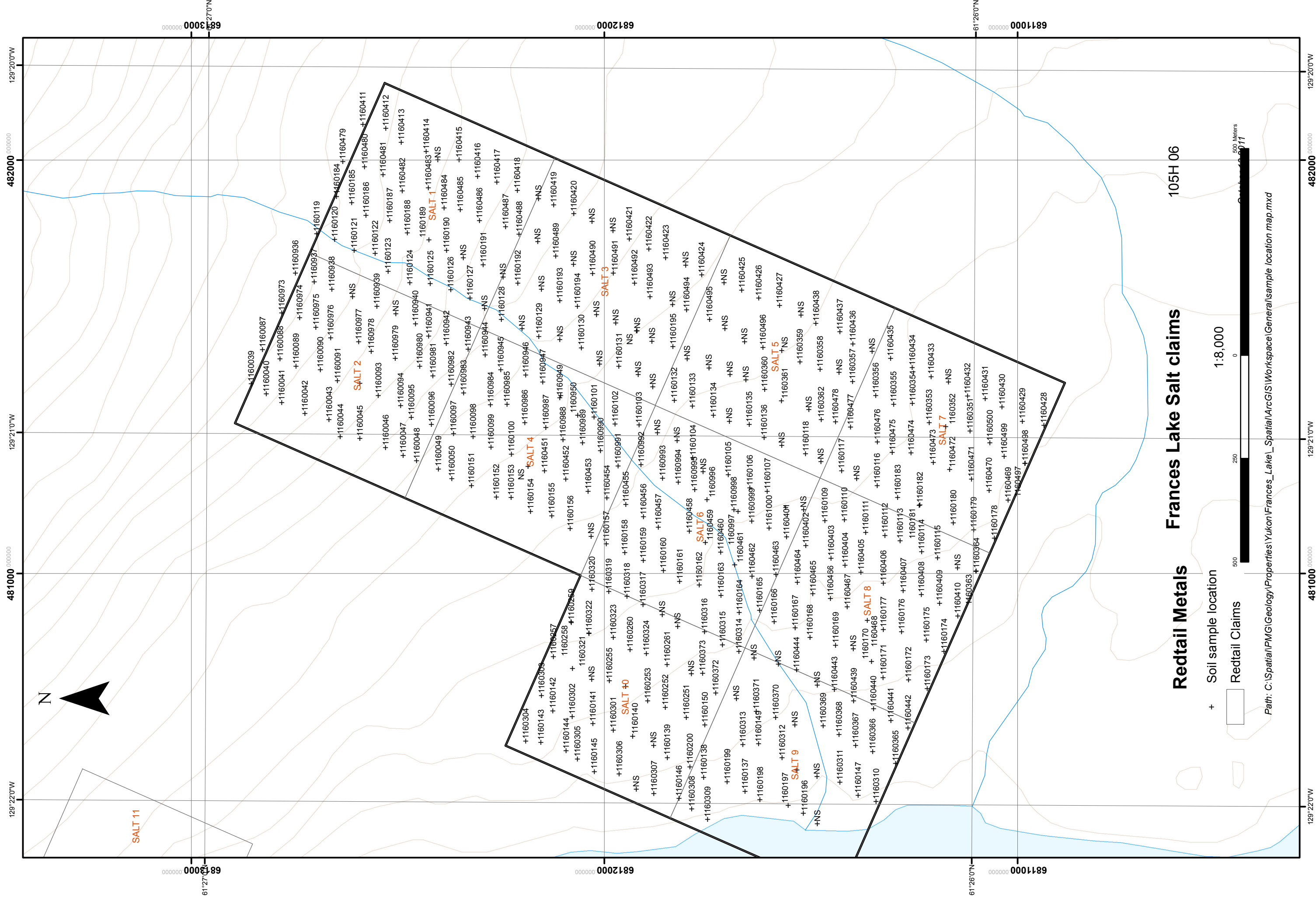
hereby certify that:

1. I am a geologist with Redtail Metals Corp, with head office address at 11th floor, 888 Dunsmuir, Vancouver, B.C.
2. I am a graduate of McGill University, Montréal, Québec, with a degree in geology (B.Sc., 1983) and have been involved in geology and mineral exploration in Canada since 1979 and in the Yukon since 1990.
3. I am registered as a professional geoscientist with the Ordre des Géologues du Québec (no. 1510).
4. I am a member of the Yukon Chamber of Mines, the Society of Economic Geology and AME BC.
5. I have no interest in the properties or securities of Redtail Metals.
6. I am the author of this report on the Salt claims and that I have compiled the data and supervised the work described but have not personally visited the property.
7. This report is intended to satisfy assessment requirements only.

November 10th, 2011

Danièle Héon, B.Sc., P.Geol.

APPENDIX A- SOIL SAMPLE LOCATION MAP



APPENDIX B- SAMPLE LOCATION DATA

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160039		481459	6812855	966 wj		20-30	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160040		481434	6812819	968 wj		20-30	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Willows	Mid Slope
1160041		481413	6812781	940 wj		50-60	C	10-15	Dark Grey	0	75	0	25	0	0 Till	Moist	Mixed forest	Valley Lowland
1160042		481387	6812725	914 wj		50-60	C	10-15	Light Grey	0	50	0	50	0	0 Till	Wet	Willows	Mid Slope
1160043		481372	6812667	918 wj		20-30	C	10-15	Light Brown	0	50	25	25	0	0 Till	Wet	Mixed forest	Mid Slope
1160044		481330	6812640	882 wj		50-60	C	10-15	Dark Grey	0	50	25	25	0	0 Till	Wet	Mixed forest	Mid Slope
1160045		481327	6812592	906 wj		50-60	C	10-15	Light Brown	0	50	0	50	0	0 Till	Moist	Willows	Mid Slope
1160046		481304	6812530	898 wj		60-70	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Willows	Mid Slope
1160047		481285	6812487	888 wj		50-60	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Willows	Mid Slope
1160048		481272	6812455	861 wj		40-50	C	10-15	Light Brown	0	50	50	0	0	0 Till	Dry	Willows	Mid Slope
1160049		481252	6812402	865 wj		60-70	C	10-15	Light Brown	0	50	50	0	0	0 Till	Partially Frozen	Willows	Mid Slope
1160050		481228	6812370	862 wj		30-40	C	10-15	Light Brown	0	50	25	25	0	0 Till	Wet	Willows	Mid Slope
1160087		481542	6812828	965 sg		30-40	B	15-20	Light Grey	0	20	30	40	10	10 Till	Moist	Mixed forest	Mid Slope
1160088		481519	6812785	969 sg		60-70	B	>30	Light Grey	0	10	30	50	10	10 Till	Wet	Mixed forest	Mid Slope
1160089		481501	6812747	948 sg		30-40	B	20-25	Light Grey	0	25	25	40	10	10 Till	Wet	Mixed forest	Mid Slope
1160090		481493	6812688	944 sg		50-60	B	20-25	Light Grey	0	20	30	40	10	10 Till	Wet	Mixed forest	Mid Slope
1160091		481465	6812646	923 sg		40-50	B	>30	Light Grey	0	20	30	35	15	15 Till	Moist	Mixed forest	Mid Slope
1160092		481460	6812593	917 sg		40-50	C	15-20	Light Grey	0	20	30	40	10	10 Till	Wet	Mixed forest	Valley Lowland
1160093		481430	6812547	918 sg		50-60	B	>30	Light Grey	0	20	30	40	10	10 Till	Moist	Mixed forest	Valley Lowland
1160094		481405	6812494	900 sg		40-50	B	>30	Light Grey	0	20	30	40	10	10 Till	Moist	Mixed forest	Valley Lowland

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160095		481377	6812468	889	sg	50-60	B	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160096		481360	6812419	883	sg	20-30	B	15-20	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160097		481338	6812365	865	sg	30-40	B	25-30	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160098		481330	6812318	863	sg	50-60	B	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160099		481305	6812275	855	sg	50-60	B	>30	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160100		481288	6812225	850	sg	40-50	B	>30	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160101		481378	6812025	822	jm	30-40	C	>30	Dark Grey	0	0	60	40	0	Till	Moist	Mixed forest	Mid Slope
1160102		481361	6811974	847	jm	40-50	C	>30	Dark Grey	0	20	30	40	10	Till	Moist	Mixed forest	Mid Slope
1160103		481359	6811916	832	jm	30-40	C	>30	Dark Grey	0	0	60	40	0	Till	Moist	Mixed forest	Mid Slope
1160104		481280	6811786	820	jm	30-40	C	>30	Dark Grey	0	0	60	40	0	Till	Wet	Mixed forest	Mid Slope
1160105		481238	6811701	817	jm	40-50	C	>30	Light Brown	0	0	60	40	0	Till	Wet	Mixed forest	Mid Slope
1160106		481207	6811648	810	jm	60-70	C	>30	Light Brown	0	20	30	40	10	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160107		481199	6811606	812	jm	50-60	C	25-30	Light Brown	0	60	30	0	10	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160108		481159	6811562	808	jm	60-70	C	>30	Light Brown	0	80	0	0	20	Weathered bedrock	Moist	Mixed forest	Ridge Top
1160109		481128	6811467	793	jm	40-50	C	>30	Light Brown	0	60	20	10	10	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160110		481129	6811419	803	jm	40-50	C	25-30	Light Brown	0	90	10	0	0	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160111		481099	6811368	794	jm	40-50	C	>30	Light Brown	0	80	10	0	10	Weathered bedrock	Wet	Mixed forest	Plateau
1160112		481091	6811321	797	jm	30-40	C	>30	Light Brown	0	20	30	40	10	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160113		481078	6811284	797	jm	50-60	C	>30	Light Brown	0	30	20	10	40	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160114		481052	6811232	785	jm	50-60	C	>30	Light Brown	0	30	30	20	20	Weathered bedrock	Moist	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160115		481036	6811194	779	jm	30-40	C	20-25	Dark Grey	0	30	30	20	20	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160116		481212	6811340	802	jm	40-50	C	25-30	Dark Grey	0	70	20	0	10	Till	Moist	Mixed forest	Mid Slope
1160117		481248	6811426	804	jm	30-40	C	25-30	Light Brown	0	70	20	10	0	Till	Wet	Mixed forest	Mid Slope
1160118		481290	6811513	810	jm	40-50	C	>30	Light Brown	0	80	0	0	20	Till	Wet	Mixed forest	Mid Slope
1160119		481821	6812697	978	jm	60-70	C	>30	Light Brown	0	10	40	50	0	Till	Wet	Mixed forest	Mid Slope
1160120		481808	6812653	968	jm	40-50	C	>30	Dark Grey	0	0	50	50	0	Till	Moist	Mixed forest	Mid Slope
1160121		481781	6812606	955	jm	40-50	C	>30	Light Brown	0	20	30	40	10	Till	Wet	Mixed forest	Mid Slope
1160122		481774	6812555	943	jm	40-50	C	>30	Light Brown	0	20	30	30	20	Till	Wet	Mixed forest	Mid Slope
1160123		481731	6812524	937	jm	30-40	C	25-30	Light Brown	0	30	20	40	10	Till	Moist	Mixed forest	Mid Slope
1160124		481703	6812471	925	jm	30-40	C	>30	Light Brown	0	20	20	30	30	Till	Wet	Mixed forest	Mid Slope
1160125		481700	6812421	920	jm	40-50	C	>30	Light Brown	0	10	30	40	20	Till	Wet	Mixed forest	Mid Slope
1160126		481686	6812372	917	jm	40-50	C	10-15	Light Brown	0	10	50	40	0	Till	Wet	Mixed forest	Mid Slope
1160127		481666	6812326	909	jm	50-60	C	>30	Light Brown	0	40	30	20	10	Till	Moist	Mixed forest	Mid Slope
1160128		481614	6812249	893	jm	40-50	C	25-30	Light Brown	0	40	20	10	30	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160129		481574	6812159	875	jm	50-60	C	25-30	Light Brown	0	30	20	30	20	Weathered bedrock	Wet	Mixed forest	Mid Slope
1160130		481546	6812056	857	jm	40-50	C	>30	Light Brown	0	10	40	50	0	Till	Moist	Mixed forest	Mid Slope
1160131		481501	6811965	848	jm	20-30	C	15-20	Dark Grey	0	0	40	60	0	Till	Moist	Mixed forest	Mid Slope
1160132		481418	6811831	827	jm	40-50	C	10-15	Light Brown	0	0	60	40	0	Till	Moist	Mixed forest	Mid Slope
1160133		481405	6811787	820	jm	40-50	C	>30	Dark Grey	0	20	30	50	0	Till	Moist	Mixed forest	Mid Slope
1160134		481382	6811736	811	jm	40-50	C	>30	Dark Grey	0	0	20	80	0	Till	Moist	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160135		481360	6811650	810	jm	40-50	C	>30	Light Brown	0	20	30	40	10	Till	Moist	Mixed forest	Mid Slope
1160136		481329	6811614	815	jm	60-70	C	>30	Dark Grey	0	50	20	10	20	Till	Wet	Mixed forest	Mid Slope
1160137		480472	6811660	748	jm	50-60	C	>30	Light Brown	0	20	30	40	10	Till	Moist	Mixed forest	Mid Slope
1160138		480506	6811760	762	jm	40-50	C	>30	Dark Brown	0	20	30	30	20	Till	Partially Frozen	Mixed forest	Mid Slope
1160139		480554	6811848	774	jm	>70	C	25-30	Dark Grey	0	60	10	10	20	Till	Wet	Mixed forest	Mid Slope
1160140		480606	6811932	772	jm	50-60	C	>30	Dark Brown	0	20	40	30	10	Till	Moist	Mixed forest	Mid Slope
1160141		480637	6812028	787	jm	50-60	C	>30	Light Brown	0	30	20	20	30	Till	Moist	Mixed forest	Mid Slope
1160142		480667	6812125	791	jm	40-50	C	>30	Light Brown	0	10	40	50	0	Till	Moist	Mixed forest	Mid Slope
1160143		480591	6812154	792	jm	50-60	C	>30	Light Brown	0	60	10	20	10	Till	Moist	Mixed forest	Mid Slope
1160144		480570	6812093	794	jm	40-50	C	>30	Light Brown	0	50	20	0	30	Till	Moist	Mixed forest	Mid Slope
1160145		480520	6812025	764	jm	30-40	C	25-30	Dark Grey	0	20	50	30	0	Till	Moist	Mixed forest	Mid Slope
1160146		480455	6811820	754	jm	40-50	C	20-25	Light Grey	0	40	20	40	0	Till	Moist	Mixed forest	Mid Slope
1160147		480463	6811386	745	jm	50-60	C	>30	Light Brown	0	70	20	0	10	Till	Moist	Mixed forest	Mid Slope
1160148		480524	6811534	752	jm	30-40	C	25-30	Dark Grey	0	40	20	30	10	Till	Wet	Mixed forest	Mid Slope
1160149		480587	6811627	760	jm	40-50	C	25-30	Dark Grey	0	80	10	10	0	Till	Moist	Mixed forest	Mid Slope
1160150		480633	6811757	769	jm	40-50	C	>30	Dark Grey	0	10	40	50	0	Till	Partially Frozen	Mixed forest	Mid Slope
1160151		481211	6812322	844	wj	60-70	C	10-15	Light Grey	0	50	0	50	0	Till	Wet	Mixed forest	Mid Slope
1160152		481185	6812262	829	wj	>70	C	10-15	Dark Grey	0	50	50	0	0	Till	Wet	Mixed forest	Mid Slope
1160153		481183	6812226	835	wj	50-60	C	10-15	Light Brown	0	50	25	25	0	Till	Partially Frozen	Mixed forest	Mid Slope
1160154		481149	6812179	827	wj	50-60	C	10-15	Dark Brown	0	25	25	50	0	Till	Partially Frozen	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160155		481138	6812128	830	wj	>70	C	10-15	Dark Brown	0	25	50	25	0	Till	Partially Frozen	Mixed forest	Plateau
1160156		481108	6812083	825	wj	>70	B/C	10-15	Light Brown	0	60	10	30	0	Till	Wet	Mixed forest	Plateau
1160157		481070	6811996	820	wj	60-70	C	10-15	Dark Brown	25	50	0	25	0	Till	Wet	Mixed forest	Plateau
1160158		481050	6811951	817	wj	50-60	C	10-15	Light Brown	0	50	50	0	0	Till	Wet	Mixed forest	Plateau
1160159		481031	6811906	805	wj	60-70	C	10-15	Dark Brown	0	25	25	50	0	Till	Moist	Mixed forest	Plateau
1160160		481007	6811857	809	wj	30-40	C	10-15	Light Brown	0	50	25	25	0	Till	Partially Frozen	Mixed forest	Plateau
1160161		480980	6811818	801	wj	50-60	C	10-15	Dark Brown	0	50	50	0	0	Till	Partially Frozen	Mixed forest	Mid Slope
1160162		480972	6811771	803	wj	60-70	C	10-15	Light Brown	0	70	30	0	0	Till	Wet	Mixed forest	Mid Slope
1160163		480947	6811718	793	wj	50-60	C	10-15	Light Brown	0	50	50	0	0	Till	Moist	Mixed forest	Mid Slope
1160164		480906	6811674	801	wj	50-60	C	10-15	Dark Grey	0	50	25	25	0	Till	Moist	Mixed forest	Mid Slope
1160165		480910	6811624	793	wj	60-70	C	10-15	Light Brown	0	50	50	0	0	Till	Moist	Mixed forest	Mid Slope
1160166		480883	6811589	790	wj	50-60	C	10-15	Light Brown	0	50	0	50	0	Till	Wet	Mixed forest	Mid Slope
1160167		480867	6811539	795	wj	60-70	C	10-15	Light Brown	0	50	25	25	0	Till	Moist	Mixed forest	Mid Slope
1160168		480845	6811503	772	wj	50-60	C	10-15	Light Brown	0	50	0	50	0	Till	Moist	Mixed forest	Valley Lowland
1160169		480826	6811441	770	wj	50-60	C	10-15	Light Brown	0	50	30	20	0	Till	Partially Frozen	Mixed forest	Valley Lowland
1160170		480786	6811353	769	wj	>70	C	10-15	Light Grey	0	0	0	100	0	Till	Wet	Mixed forest	Valley Lowland
1160171		480748	6811326	764	wj	30-40	C	10-15	Light Brown	0	0	25	75	0	Till	Moist	Mixed forest	Valley Lowland
1160172		480742	6811264	759	wj	30-40	C	10-15	Light Brown	0	25	0	75	0	Till	Moist	Mixed forest	Valley Lowland
1160173		480721	6811219	760	wj	50-60	C	10-15	Light Brown	0	25	25	50	0	Till	Moist	Mixed forest	Mid Slope
1160174		480811	6811178	768	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Wet	Mixed forest	Valley Lowland

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160175		480838	6811221	762	wj	50-60	C	10-15	Light Brown	0	0	50	50	0	Till	Partially Frozen	Mixed forest	Valley Lowland
1160176		480858	6811281	763	wj	50-60	C	10-15	Light Brown	0	0	25	75	0	Till	Partially Frozen	Mixed forest	Valley Lowland
1160177		480864	6811325	778	wj	50-60	C	10-15	Light Grey	0	50	25	25	0	Till	Wet	Mixed forest	Valley Lowland
1160178		481085	6811056	781	wj	50-60	C	10-15	Light Grey	0	100	0	0	0	Till	Moist	Mixed forest	Valley Lowland
1160179		481105	6811106	789	wj	50-60	C	10-15	Light Brown	0	100	0	0	0	Till	Moist	Mixed forest	Mid Slope
1160180		481122	6811156	795	wj	50-60	C	10-15	Light Brown	0	50	0	50	0	Till	Moist	Mixed forest	Mid Slope
1160181	1160182	481164	6811238	793	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
1160182	1160181	481165	6811236	794	wj	50-60	C	10-15	Light Brown	0	100	0	0	0	Till	Moist	Mixed forest	Mid Slope
1160183		481183	6811290	802	wj	50-60	C	10-15	Light Brown	0	100	0	0	0	Till	Moist	Mixed forest	Mid Slope
1160184		481912	6812648	973	wj	50-60	C	10-15	Dark Brown	0	0	50	50	0	Till	Wet	Mixed forest	Mid Slope
1160185		481897	6812612	974	wj	60-70	C	10-15	Light Brown	0	50	0	50	0	Till	Moist	Mixed forest	Mid Slope
1160186		481867	6812577	960	wj	30-40	C	10-15	Light Brown	25	0	25	50	0	Till	Wet	Mixed forest	Mid Slope
1160187		481853	6812520	950	wj	20-30	C	10-15	Light Brown	40	0	30	20	0	Till	Moist	Mixed forest	Mid Slope
1160188		481823	6812477	935	wj	50-60	C	10-15	Light Brown	0	25	50	25	0	Till	Moist	Mixed forest	Mid Slope
1160189		481807	6812425	925	wj	40-50	C	10-15	Light Brown	0	50	25	25	0	Till	Wet	Mixed forest	Mid Slope
1160190		481781	6812383	923	wj	30-40	C	10-15	Light Brown	25	0	25	50	0	Till	Moist	Mixed forest	Mid Slope
1160191		481747	6812294	902	wj	60-70	C	10-15	Light Brown	0	25	0	50	0	Till	Wet	Mixed forest	Mid Slope
1160192		481702	6812210	897	wj	50-60	C	10-15	Light Brown	0	25	25	50	0	Till	Wet	Mixed forest	Mid Slope
1160193		481660	6812108	887	wj	40-50	C	10-15	Light Brown	0	25	25	50	0	Till	Wet	Mixed forest	Mid Slope
1160194		481646	6812066	873	wj	50-60	C	10-15	Light Brown	0	50	50	0	0	Till	Moist	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160195		481548	6811834	837	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Partially Frozen	Mixed forest	Mid Slope
1160196		480419	6811519	745	wj	>70	C	10-15	Light Brown	40	60	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
1160197		480438	6811555	754	wj	60-70	C	10-15	Dark Grey	0	20	40	40	0	0 Till	Wet	Mixed forest	Mid Slope
1160198		480452	6811623	747	wj	50-60	C	10-15	Dark Grey	25	50	0	25	0	0 Till	Partially Frozen	Mixed forest	Mid Slope
1160199		480495	6811703	759	wj	50-60	C	10-15	Dark Grey	0	50	50	0	0	0 Till	Wet	Mixed forest	Mid Slope
1160200		480532	6811793	764	wj	30-40	C	10-15	Dark Grey	30	50	0	20	0	0 Till	Partially Frozen	Mixed forest	Mid Slope
1160251		480652	6811802	777	jm	>70	C	>30	Dark Grey	0	30	20	40	10	10 Till	Wet	Mixed forest	Mid Slope
1160252		480675	6811853	778	jm	40-50	C	>30	Light Grey	0	10	50	40	0	0 Till	Moist	Mixed forest	Mid Slope
1160253		480691	6811895	778	jm	>70	B/C	>30	Light Grey	0	30	30	40	0	0 Till	Wet	Mixed forest	Mid Slope
1160254		480726	6811949	793	jm	30-40	C	15-20	Dark Brown	0	20	30	30	10	10 Till	Partially Frozen	Mixed forest	Mid Slope
1160255		480740	6811988	791	jm	60-70	C	>30	Dark Grey	0	20	30	40	10	10 Till	Wet	Mixed forest	Mid Slope
1160256		480770	6812077	798	jm	50-60	C	>30	Dark Brown	0	10	20	60	10	10 Till	Moist	Mixed forest	Mid Slope
1160257		480799	6812124	813	jm	60-70	C	>30	Dark Brown	0	30	30	40	0	0 Till	Wet	Mixed forest	Mid Slope
1160258	1160259	480880	6812080	823	jm	50-60	C	>30	Light Brown	0	20	40	40	0	0 Till	Moist	Mixed forest	Mid Slope
1160259	1160258	480882	6812081	819	jm	50-60	C	>30	Light Brown	0	20	40	40	0	0 Till	Moist	Mixed forest	Mid Slope
1160260		480815	6811938	798	jm	50-60	C	>30	Dark Grey	0	40	20	40	0	0 Till	Wet	Mixed forest	Mid Slope
1160261		480780	6811849	791	jm	50-60	C	>30	Light Brown	0	10	40	40	10	10 Till	Moist	Mixed forest	Mid Slope
1160301		480621	6811979	777	wj	>70	C	10-15	Light Brown	0	25	25	50	0	0 Till	Wet	Mixed forest	Mid Slope
1160302		480653	6812079	792	wj	50-60	C	10-15	Dark Grey	25	50	25	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160303		480704	6812153	803	wj	40-50	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160304		480594	6812191	794	wj	50-60	C	10-15	Light Grey	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160305		480550	6812066	780	wj	50-60	C	10-15	Light Grey	0	50	25	25	0	0 Till	Moist	Mixed forest	Mid Slope
1160306		480514	6811964	761	wj	50-60	C	10-15	Dark Grey	0	50	25	25	0	0 Till	Moist	Mixed forest	Mid Slope
1160307		480467	6811880	760	wj	60-70	C	10-15	Dark Grey	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160308		480430	6811789	756	wj	50-60	C	10-15	Dark Grey	20	40	20	20	0	0 Till	Moist	Mixed forest	Mid Slope
1160309		480404	6811751	742	wj	50-60	C	10-15	Light Grey	0	0	50	50	0	0 Till	Partially Frozen	Mixed forest	Mid Slope
1160310		480448	6811343	743	wj	30-40	C	10-15	Light Brown	0	100	0	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160311		480494	6811430	746	wj	30-40	C	10-15	Dark Brown	0	50	50	0	0	0 Till	Dry	Mixed forest	Mid Slope
1160312		480553	6811570	764	wj	50-60	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160313		480585	6811665	768	wj	20-30	C	10-15	Dark Grey	0	50	25	25	0	0 Till	Moist	Mixed forest	Mid Slope
1160314		480811	6811675	779	wj	50-60	C	10-15	Light Grey	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160315		480827	6811714	786	wj	50-60	C	10-15	Light Grey	0	50	25	25	0	0 Till	Moist	Mixed forest	Mid Slope
1160316		480859	6811758	798	wj	50-60	C	10-15	Light Brown	25	50	25	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160317		480924	6811907	807	wj	50-60	C	10-15	Light Grey	20	60	20	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160318		480944	6811946	809	wj	>70	B/C	10-15	Light Grey	25	25	25	25	0	0 Till	Moist	Mixed forest	Mid Slope
1160319		480956	6811990	812	wj	50-60	C	10-15	Light Brown	30	40	15	15	0	0 Till	Wet	Mixed forest	Mid Slope
1160320		480961	6812030	814	wj	50-60	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160321	1160322	480855	6812038	821	wj	50-60	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160322	1160321	480854	6812038	816	wj	50-60	C	10-15	Light Brown	0	50	50	0	0	0 Till	Moist	Mixed forest	Mid Slope
1160323		480845	6811979	808	wj	>70	C	10-15	Light Grey	25	50	25	0	0	0 Till	Wet	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160324		480806	6811899	796	wj	50-60	C	10-15	Dark Grey	25	50	25	0	0	Till	Wet	Mixed forest	Mid Slope
1160351		481344	6811115	795	sg	50-60	C	>30	Light Grey	0	20	30	35	10	Till	Wet	Mixed forest	Valley Lowland
1160352		481355	6811174	795	sg	40-50	C	20-25	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160353		481365	6811214	800	sg	30-40	C	20-25	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160354		481411	6811254	810	sg	30-40	C	20-25	Light Grey	0	20	30	35	15	Till	Moist	Mixed forest	Valley Lowland
1160355		481409	6811300	809	sg	40-50	C	>30	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160356		481430	6811343	811	sg	50-60	C	>30	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160357		481463	6811400	812	sg	>70	B/C	>30	Light Brown	30	0	0	0	70	Till	Wet	Mixed forest	Valley Lowland
1160358		481494	6811478	814	sg	>70	C	>30	Light Brown	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160359		481511	6811527	818	sg	40-50	C	10-15	Light Brown	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160360		481445	6811612	818	sg	60-70	B/C	10-15	Light Brown	20	10	30	40	0	Till	Wet	Mixed forest	Valley Lowland
1160361		481417	6811572	815	sg	60-70	C	20-25	Light Grey	0	15	30	45	10	Till	Wet	Mixed forest	Valley Lowland
1160362		481371	6811476	803	sg	>70	B/C	>30	Light Brown	20	20	20	20	20	Till	Wet	Mixed forest	Valley Lowland
1160363	1160364	481004	6811101	770	sg	50-60	C	10-15	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160364	1160363	481006	6811100	772	sg	50-60	C	>30	Light Grey	0	10	30	60	0	Till	Moist	Mixed forest	Valley Lowland
1160365		480540	6811295	746	sg	40-50	C	15-20	Light Grey	0	10	30	60	0	Till	Moist	Mixed forest	Valley Lowland
1160366		480568	6811351	747	sg	40-50	C	25-30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160367		480584	6811392	754	sg	60-70	C	25-30	Light Grey	0	20	30	30	20	Till	Moist	Mixed forest	Valley Lowland
1160368		480610	6811432	758	sg	40-50	C	20-25	Light Grey	0	50	0	0	50	Till	Moist	Mixed forest	Valley Lowland
1160369		480631	6811471	759	sg	40-50	C	25-30	Light Grey	0	0	30	70	0	Till	Moist	Mixed forest	Valley Lowland

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160370		480651	6811586	766	sg	>70	C	10-15	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160371		480666	6811633	773	sg	50-60	C	25-30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160372		480710	6811731	767	sg	40-50	B/C	10-15	Light Grey	20	20	20	20	20	Till	Permafrost	Mixed forest	Valley Lowland
1160373		480758	6811763	784	sg	>70	C	>30	Light Grey	0	20	20	60	0	Till	Moist	Mixed forest	Valley Lowland
1160401		481088	6811559	800	mc	50-60	C	15-20	Light Grey	0	25	75	0	0	Till	Dry	Mixed forest	Mid Slope
1160402		481067	6811513	793	mc	>70	C	20-25	Dark Grey	0	0	20	50	30	Till	Wet	Mixed forest	Mid Slope
1160403		481036	6811451	785	mc	50-60	C	25-30	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160404		481019	6811418	796	mc	40-50	C	10-15	Light Grey	0	50	50	0	0	Till	Dry	Mixed forest	Mid Slope
1160405		481002	6811379	800	mc	50-60	C	20-25	Light Grey	0	20	50	30	0	Till	Dry	Mixed forest	Ridge Top
1160406		480976	6811325	778	mc	50-60	C	15-20	Light Grey	0	20	20	60	0	Till	Wet	Mixed forest	Mid Slope
1160407		480958	6811277	778	mc	50-60	C	10-15	Dark Grey	30	30	30	0	0	Till	Dry	Mixed forest	Mid Slope
1160408		480948	6811233	773	mc	50-60	C	20-25	Light Grey	0	0	30	30	30	Till	Wet	Mixed forest	Mid Slope
1160409		480928	6811189	769	mc	50-60	C	15-20	Light Grey	0	0	0	0	0	Till	Wet	Mixed forest	Plateau
1160410		480897	6811145	771	mc	40-50	C	15-20	Light Grey	0	0	0	100	0	Till	Wet	Mixed forest	Plateau
1160411		482086	6812585	966	mc	30-40	C	10-15	Light Brown	0	50	25	0	25	Till	Dry	Mixed forest	Mid Slope
1160412		482077	6812530	952	mc	30-40	C	10-15	Light Brown	20	0	0	60	20	Till	Wet	Mixed forest	Mid Slope
1160413		482043	6812492	950	mc	60-70	C	5-10	Light Grey	0	0	0	80	20	Till	Wet	Mixed forest	Mid Slope
1160414		482020	6812432	931	mc	30-40	C	5-10	Dark Grey	20	0	30	50	0	Till	Moist	Mixed forest	Mid Slope
1160415		482001	6812352	920	mc	10-20	C	5-10	Light Grey	30	0	30	30	0	Till	Wet	Mixed forest	Mid Slope
1160416		481961	6812307	917	mc	50-60	C	10-15	Orange	20	0	20	60	0	Till	Wet	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160417		481947	6812260	912	mc	50-60	C	10-15	Dark Grey	0	0	0	100	0	Till	Wet	Mixed forest	Mid Slope
1160418		481927	6812211	909	mc	50-60	C	15-20	Light Grey	0	0	20	80	0	Till	Wet	Mixed forest	Mid Slope
1160419		481891	6812123	895	mc	50-60	C	10-15	Yellow	30	0	0	70	0	Till	Wet	Willows	Mid Slope
1160420		481870	6812074	896	mc	30-40	C	10-15	Light Brown	50	0	0	50	0	Till	Wet	Mixed forest	Mid Slope
1160421		481809	6811940	861	mc	50-60	C	15-20	Light Brown	30	0	0	60	0	Till	Wet	Willows	Mid Slope
1160422		481785	6811893	866	mc	30-40	C	10-15	Light Grey	20	0	0	80	0	Till	Wet	Mixed forest	Mid Slope
1160423		481763	6811852	854	mc	40-50	C	5-10	Black	50	0	0	50	0	Till	Moist	Willows	Mid Slope
1160424		481722	6811765	842	mc	50-60	C	10-15	Dark Grey	20	0	0	80	0	Till	Wet	Willows	Mid Slope
1160425		481685	6811668	829	mc	60-70	C	10-15	Light Grey	25	0	0	75	0	Till	Wet	Mixed forest	Mid Slope
1160426		481666	6811626	830	mc	50-60	C	10-15	Dark Grey	20	0	0	80	0	Till	Wet	Mixed forest	Mid Slope
1160427		481648	6811577	831	mc	60-70	C	5-10	Light Grey	10	0	20	70	0	Till	Wet	Mixed forest	Mid Slope
1160428		481358	6810937	784	mc	20-30	C	10-15	Orange	0	30	30	25	15	Till	Moist	Mixed forest	Plateau
1160429		481368	6810989	791	mc	40-50	C	10-15	Light Grey	0	25	50	0	25	Till	Moist	Mixed forest	Plateau
1160430		481402	6811038	793	mc	40-50	C	10-15	Light Grey	0	50	25	0	25	Till	Moist	Mixed forest	Mid Slope
1160431		481423	6811079	799	mc	40-50	C	10-15	Light Grey	0	60	40	0	0	Till	Dry	Mixed forest	Mid Slope
1160432		481429	6811121	811	mc	40-50	C	15-20	Light Grey	0	60	40	0	0	Till	Dry	Mixed forest	Mid Slope
1160433		481476	6811209	801	mc	50-60	C	15-20	Light Grey	0	30	30	30	0	Till	Moist	Mixed forest	Mid Slope
1160434		481498	6811255	802	mc	50-60	C	25-30	Light Grey	0	20	30	30	20	Till	Wet	Mixed forest	Mid Slope
1160435		481520	6811307	806	mc	50-60	C	15-20	Dark Grey	20	0	0	80	0	Till	Wet	Mixed forest	Mid Slope
1160436		481555	6811399	821	mc	50-60	C	20-25	Dark Grey	20	0	20	60	0	Till	Partially Frozen	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160437		481584	6811430	823	mc	20-30	C	5-10	Dark Grey	20	0	0	80	0	Till	Wet	Mixed forest	Mid Slope
1160438		481605	6811488	822	mc	20-30	C	10-15	Dark Grey	20	20	20	20	20	Till	Wet	Mixed forest	Mid Slope
1160439		480691	6811397	757	mc	40-50	C	10-15	Light Brown	0	85	0	0	15	(glacio)-fluvial	Dry	Mixed forest	Valley Lowland
1160440		480672	6811349	752	mc	50-60	C	20-25	Light Grey	0	10	80	10	0	Till	Moist	Mixed forest	Valley Lowland
1160441		480644	6811307	750	mc	20-30	C	5-10	Orange	0	50	25	0	25	Weathered bedrock	Dry	Mixed forest	Mid Slope
1160442		480626	6811265	752	mc	30-40	C	15-20	Light Grey	0	0	0	100	0	Till	Moist	Mixed forest	Mid Slope
1160443		480719	6811443	767	mc	50-60	C	15-20	Dark Grey	0	40	40	10	10	Till	Moist	Mixed forest	Mid Slope
1160444		480766	6811535	776	mc	50-60	C	15-20	Black	10	0	0	90	0	Till	Moist	Mixed forest	Mid Slope
1160451		481248	6812145	844	sg	30-40	C	20-25	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160452		481228	6812094	837	sg	40-50	C	>30	Light Grey	0	20	30	40	10	Till	Permafrost	Mixed forest	Valley Lowland
1160453		481198	6812040	828	sg	40-50	C	>30	Light Grey	10	20	30	30	10	Till	Wet	Mixed forest	Valley Lowland
1160454		481182	6811994	827	sg	50-60	C	>30	Light Grey	0	20	30	40	10	Till	Permafrost	Mixed forest	Valley Lowland
1160455		481167	6811949	826	sg	50-60	C	>30	Light Grey	0	20	30	40	10	Till	Permafrost	Mixed forest	Valley Lowland
1160456		481137	6811906	829	sg	50-60	C	>30	Light Brown	0	20	30	40	10	Till	Permafrost	Mixed forest	Valley Lowland
1160457		481112	6811870	836	sg	50-60	C	>30	Light Brown	0	20	30	40	10	Till	Permafrost	Mixed forest	Valley Lowland
1160458		481102	6811794	816	sg	>70	C	>30	Orange	0	0	50	50	0	Weathered bedrock	Partially Frozen	Mixed forest	Valley Lowland
1160459		481075	6811756	812	sg	60-70	C	>30	Light Grey	0	40	35	25	0	Till	Moist	Mixed forest	Valley Lowland
1160460		481051	6811718	808	sg	30-40	C	15-20	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160461		481020	6811685	799	sg	40-50	C	10-15	Light Grey	0	20	20	20	40	Till	Moist	Mixed forest	Valley Lowland
1160462		480993	6811643	801	sg	40-50	C	10-15	Light Brown	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160463		480998	6811585	794 sg		40-50	C	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160464		480978	6811533	-1000 sg		40-50	C	20-25	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160465		480950	6811495	789 sg		50-60	C	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160466		480939	6811453	783 sg		40-50	C	20-25	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160467		480918	6811412	775 sg		30-40	C	20-25	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160468		480887	6811364	774 sg		30-40	C	20-25	Light Grey	0	10	40	40	10	Till	Wet	Mixed forest	Valley Lowland
1160469		481177	6811023	780 sg		40-50	C	10-15	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160470		481200	6811069	793 sg		20-30	C	20-25	Yellow	0	20	30	35	15	Till	Moist	Mixed forest	Valley Lowland
1160471		481227	6811112	790 sg		40-50	C	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160472		481251	6811164	803 sg		40-50	C	20-25	Light Grey	0	20	30	35	15	Till	Dry	Mixed forest	Valley Lowland
1160473		481268	6811204	809 sg		40-50	C	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160474		481291	6811258	802 sg		40-50	C	>30	Light Brown	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160475		481292	6811303	804 sg		40-50	C	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160476		481318	6811339	805 sg		40-50	C	20-25	Light Brown	0	20	30	40	5	Till	Moist	Mixed forest	Valley Lowland
1160477		481354	6811404	807 sg		50-60	C	15-20	Dark Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160478		481366	6811441	812 sg		50-60	C	>30	Light Brown	0	20	30	35	15	Till	Wet	Mixed forest	Valley Lowland
1160479		481996	6812634	964 sg		40-50	C	20-25	Light Grey	0	20	30	25	25	Till	Moist	Mixed forest	Valley Lowland
1160480		481984	6812581	961 sg		40-50	C	10-15	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160481		481965	6812536	956 sg		30-40	C	15-20	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160482		481926	6812489	939 sg		30-40	B/C	10-15	Light Grey	20	10	30	20	20	Till	Wet	Mixed forest	Valley Lowland

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160483		481933	6812427	934 sg		30-40	C	15-20	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160484		481884	6812388	924 sg		30-40	C	15-20	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160485		481880	6812349	924 sg		40-50	C	>30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160486		481853	6812303	911 sg		40-50	C	>30	Light Grey	0	10	40	40	10	Till	Wet	Mixed forest	Valley Lowland
1160487		481838	6812240	904 sg		>70	B/C	>30	Light Grey	10	30	30	20	10	Till	Wet	Mixed forest	Valley Lowland
1160488		481821	6812207	903 sg		40-50	C	20-25	Light Grey	0	10	40	40	10	Till	Wet	Mixed forest	Valley Lowland
1160489		481767	6812118	892 sg		40-50	C	15-20	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160490		481725	6812029	882 sg		40-50	C	>30	Light Brown	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160491		481726	6811979	864 sg		40-50	C	>30	Light Brown	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160492		481702	6811928	852 sg		50-60	B/C	10-15	Light Brown	15	25	20	40	0	Till	Wet	Mixed forest	Valley Lowland
1160493		481669	6811890	850 sg		50-60	B/C	15-20	Light Brown	20	20	20	20	20	Till	Wet	Mixed forest	Valley Lowland
1160494		481637	6811801	835 sg		40-50	C	20-25	Light Grey	0	20	30	40	10	Till	Wet	Mixed forest	Valley Lowland
1160495		481614	6811746	831 sg		60-70	C	25-30	Light Grey	0	20	30	40	10	Till	Moist	Mixed forest	Valley Lowland
1160496		481547	6811616	823 sg		>70	C	20-25	Light Grey	0	20	30	50	0	Till	Wet	Mixed forest	Valley Lowland
1160497	1160498	481266	6810983	784 sg		40-50	C	25-30	Light Grey	0	10	40	40	10	Till	Moist	Mixed forest	Valley Lowland
1160498	1160497	481267	6810982	784 sg		40-50	C	20-25	Light Grey	0	10	40	50	0	Till	Moist	Mixed forest	Valley Lowland
1160499		481283	6811033	788 sg		40-50	C	20-25	Light Brown	0	10	40	40	10	Till	Moist	Mixed forest	Valley Lowland
1160500		481315	6811067	793 sg		40-50	C	20-25	Light Brown	0	30	40	30	0	Till	Moist	Mixed forest	Valley Lowland
1160936		481726	6812748	977 jm		30-40	C	25-30	Light Brown	0	10	30	20	40	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160937		481706	6812703	966 jm		40-50	C	>30	Light Brown	0	50	20	10	20	Weathered bedrock	Moist	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160938		481687	6812660	961 jm		50-60	C	>30	Light Brown	0	20	30	40	10	Weathered bedrock	Wet	Mixed forest	Mid Slope
1160939		481646	6812551	935 jm		50-60	C	>30	Light Brown	0	10	20	30	40	Weathered bedrock	Wet	Mixed forest	Mid Slope
1160940		481604	6812458	917 jm		40-50	C	>30	Dark Brown	0	30	20	20	30	Weathered bedrock	Wet	Mixed forest	Mid Slope
1160941		481574	6812425	899 jm		30-40	C	25-30	Dark Brown	0	10	30	40	20	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160942		481556	6812383	901 jm		30-40	C	25-30	Dark Brown	0	0	40	40	20	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160943		481542	6812331	885 jm		40-50	C	>30	Light Brown	0	20	40	30	10	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160944		481528	6812289	887 jm		30-40	C	25-30	Light Brown	0	40	20	30	10	Weathered bedrock	Wet	Mixed forest	Mid Slope
1160945		481493	6812251	874 jm		30-40	C	>30	Dark Brown	0	20	30	20	30	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160946		481480	6812191	863 jm		30-40	C	25-30	Light Brown	0	20	30	30	20	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160947		481463	6812149	849 jm		40-50	C	>30	Light Brown	0	20	30	30	20	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160948	1160949	481430	6812106	855 jm		40-50	C	>30	Light Brown	0	10	40	40	10	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160949	1160948	481425	6812108	856 jm		40-50	C	>30	Light Brown	0	10	40	40	10	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160950		481382	6812065	843 jm		40-50	C	>30	Light Brown	0	30	20	20	30	Weathered bedrock	Moist	Mixed forest	Mid Slope
1160973		481630	6812782	980 mc		30-40	B	10-15	Light Brown	0	50	50	0	0		Dry	Mixed forest	Mid Slope
1160974		481618	6812738	964 mc		50-60	C	15-20	Light Brown	0	30	30	30	0	Weathered bedrock	Wet	Mixed forest	Mid Slope
1160975		481595	6812699	948 mc		50-60	C	10-15	Light Brown	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160976		481570	6812663	960 mc		>70	C	>30	Light Brown	0	0	20	60	10	Till	Moist	Mixed forest	Mid Slope
1160977		481560	6812595	937 mc		50-60	C	20-25	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160978		481537	6812565	928 mc		50-60	C	20-25	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160979		481520	6812506	916 mc		50-60	C	20-25	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1160980		481501	6812447	894	mc	50-60	C	15-20	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160981		481477	6812415	887	mc	40-50	C	20-25	Light Grey	0	0	50	50	0	Till	Wet	Mixed forest	Mid Slope
1160982		481458	6812371	881	mc	40-50	C	10-15	Light Grey	0	0	70	30	0	Till	Moist	Mixed forest	Mid Slope
1160983		481437	6812341	886	mc	60-70	C	25-30	Light Grey	0	0	50	50	0	Till	Moist	Mixed forest	Mid Slope
1160984		481408	6812276	862	mc	40-50	C	15-20	Light Grey	0	25	50	25	0	Till	Moist	Mixed forest	Mid Slope
1160985		481409	6812236	868	mc	50-60	C	15-20	Light Grey	0	0	50	50	0	Till	Moist	Mixed forest	Mid Slope
1160986		481365	6812193	855	mc	40-50	C	10-15	Dark Brown	0	0	50	50	0	Till	Wet	Mixed forest	Mid Slope
1160987		481352	6812142	847	mc	60-70	C	20-25	Dark Grey	0	0	50	50	0	Till	Moist	Mixed forest	Mid Slope
1160988		481323	6812101	838	mc	40-50	C	10-15	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160989		481316	6812053	841	mc	60-70	C	25-30	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160990		481297	6812010	837	mc	60-70	C	25-30	Light Grey	0	0	30	70	0	Till	Wet	Mixed forest	Mid Slope
1160991		481260	6811967	834	mc	50-60	C	15-20	Light Grey	0	0	20	80	0	Till	Wet	Mixed forest	Mid Slope
1160992		481263	6811911	828	mc	40-50	C	10-15	Light Grey	0	0	50	50	0	Till	Moist	Mixed forest	Mid Slope
1160993		481230	6811860	825	mc	30-40	C	10-15	Light Grey	30	0	10	30	35	Till	Wet	Mixed forest	Mid Slope
1160994		481220	6811822	812	mc	60-70	C	25-30	Light Grey	0	0	25	60	15	Till	Moist	Mixed forest	Mid Slope
1160995		481203	6811782	827	mc	50-60	C	20-25	Light Grey	20	0	20	60	0	Till	Moist	Mixed forest	Mid Slope
1160996		481178	6811752	815	mc	60-70	C	25-30	Light Grey	0	0	25	50	25	Till	Wet	Mixed forest	Mid Slope
1160997	1160998	481150	6811676	810	mc	50-60	C	20-25	Light Grey	0	25	35	35	0	Till	Moist	Mixed forest	Mid Slope
1160998	1160997	481154	6811687	819	mc	40-50	C	10-15	Light Grey	0	25	25	50	0	Till	Dry	Mixed forest	Mid Slope
1160999		481126	6811643	809	mc	40-50	C	20-25	Light Grey	0	30	30	40	0	Till	Dry	Mixed forest	Ridge Top

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
1161000		481109	6811602	812	mc	40-50	C	10-15	Light Grey	0	30	30	30	0	Till	Dry	Mixed forest	Mid Slope
NoSampl e424		481628	6812505	936	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e425		481340	6811872	834	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e426		481321	6811824	826	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e427		481245	6811761	819	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e428		481154	6811518	798	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e429		481013	6811145	774	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e430		481640	6812290	901	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e431		481592	6812200	882	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e432		481566	6812108	867	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e433		481506	6812012	847	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e434		481480	6811918	834	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e435		481451	6811883	832	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e436		481368	6811698	817	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e437		480394	6811485	739	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e438		480477	6811923	759	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e439		480508	6811486	741	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e440		480743	6812031	791	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e441		482000	6812404	932	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland
NoSampl e442		481907	6812159	904	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	Till	Dry	Mixed forest	Valley Lowland

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
NoSampl e443		481851	6812030	889	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e444		481828	6811979	882	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e445		481746	6811803	845	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e446		481703	6811711	839	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e447		481463	6811167	801	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e448		481537	6811352	818	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e449		481625	6811524	826	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e450		480730	6811485	768	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e451		480780	6811579	782	mc	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e452		481259	6812185	850	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e453		481802	6812162	901	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e454		481748	6812075	879	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e455		481650	6811835	839	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e456		481592	6811708	826	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e457		481561	6811661	820	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e458		481486	6811432	811	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e459		481540	6811571	822	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e460		481396	6811506	807	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e461		480633	6811539	765	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e462		480696	6811681	782	sg	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
NoSampl e463		481090	6812032	831	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Permafrost	Mixed forest	Valley Lowland
NoSampl e464		480817	6811398	772	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e465		481229	6811389	800	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e466		481270	6811476	808	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e467		481310	6811571	810	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Wet	Mixed forest	Valley Lowland
NoSampl e468		481763	6812342	907	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Dry	Mixed forest	
NoSampl e469		481717	6812246	900	wj	10-20	C	10-15	Light Brown	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e470		481687	6812153	884	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e471		481626	6812019	867	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e472		481606	6811973	854	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Wet	Mixed forest	Valley Lowland
NoSampl e473		481586	6811922	847	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e474		481586	6811921	847	wj	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland
NoSampl e475		481562	6811885	840	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e476		481519	6811800	833	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e477		481497	6811747	832	wj	10-20	C	10-15	Light Brown	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e478		481480	6811696	829	wj	50-60	C	10-15	Black	100	0	0	0	0	0 Till	Partially Frozen	Mixed forest	Mid Slope
NoSampl e479		481468	6811658	823	wj	50-60	C	10-15	Light Brown	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e480		480584	6811881	771	wj	10-20	C	10-15	Black	100	0	0	0	0	0 Till	Permafrost	Mixed forest	Mid Slope
NoSampl e481		480795	6811638	783	wj	50-60	C	10-15	Black	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope
NoSampl e482		480757	6811790	788	wj	50-60	C	10-15	Black	100	0	0	0	0	0 Till	Wet	Mixed forest	Mid Slope

Sample ID	Dup Sample ID	UTM E	UTM N	elev. (m)	Sampler	Depth (cm)	Horizon	Depth Within Horizon	Colour	Organic %	Sand %	Silt %	Clay %	Clasts %	Parent Material	Moisture	Vegetation Cover	Terrain
NoSample483		480871	6811823	797	wj	50-60	C	10-15	Black	0	0	0	0	0	0 Till	Permafrost	Mixed forest	Mid Slope
NoSample484		480900	6811860	809	wj	50-60	C	10-15	Black	100	0	0	0	0	0 Till	Permafrost	Mixed forest	Mid Slope
NoSample485		481669	6812610	944	jm	50-60	C	10-15	Light Brown	0	0	0	0	0	0 Till	Dry	Mixed forest	Valley Lowland

APPENDIX C- MINFILE 105H 021 MATT BERRY

Yukon Geological Survey - MINFILE Database Search

MINFILE#: 105H 021

UPDATED: 2004-11-01

PRIMARY NAME: MATT BERRY

DEPOSIT TYPE: Kuroko Massive Sulphide Cu-Pb-Zn

STATUS: DEPOSIT

TECTONIC ELEMENT: ANCESTRAL NORTH AMERICA

NTS MAP SHEET: 105H\6

LATITUDE: 61° 28' 32"

LONGITUDE: 129° 24' 14"

OTHER NAME(S):

MAJOR COMMODITIES: LEAD, SILVER, ZINC

MINOR COMMODITIES: GOLD

TRACE COMMODITIES:

CLAIMS(PREVIOUS & CURRENT)

BARB, BERRY, BETH, BETTY, BINTI, CAT, FRANCES, JIM, JOYCE, LAKESHORE, MATT, PAT, RAT

WORK HISTORY

The showing may have been discovered before 1887. It was rediscovered in the late 1930's by A.K. Money. Cominco investigated it in 1943 and Money staked it Nov/44 as the Betty and Joyce cl (4322), and again in Mar/49 as the Lakeshore cl (57565).

Restaked in Sep/55 as Cat and Rat cl (71150) by E. Brodhagen, who hand trenched in 1956-57. The showing was investigated by Datlasaka Mines Ltd in 1960-63.

Restaked as Matt cl 1-8 (86874) in May/66 by Matt Berry Mines Ltd, which also staked Jim cl 1-4 (86882) at the same time. In May/66 the company surrounded the claims with Berry cl 1-40 (Y7688). Later in the year the company trenched and drilled 13 diamond drill holes (646 m).

Between the fall of 1968 and the end of 1969 Matt Berry drilled an additional 16 diamond drill holes (1744.8 m) and carried out EM surveys. During the same period Radio Hill Mines Ltd staked Frances cl 1-28 (Y27758) north and south of Matt Berry's claims. Radio Hill optioned the claims to Matt Berry in 1969 and partially funded some of the diamond drilling undertaken that year.

The property was optioned in Sep/70 to joint venture group consisting of Canadian Nickel Company Ltd and Metallgesellschaft Canada Ltd which drilled 4 holes (426.7 m) in 1970.

In 1972, a new option was signed with Nordev Resources Ltd (Nordev Mines Ltd, Silver Key Mines Ltd and Impala Mines Ltd) and in 1973, a 40% interest was acquired by New Joburke Exploration Ltd.

Cyprus Anvil Mining Corporation conducted soil sampling, mag and gravity surveys under a brief option and Nordev Resources Ltd made an offer to buy the Matt Berry Mines Ltd interest in 1974.

Restaked as Barb cl 1-8 (YA12548) in Mar/77 by Sovereign Metals Corporation, which added Barb cl 9-15 (YA20216) in Jun/77. The claims were optioned until late 1978 by Welcome North Mines Ltd and New Frontier Exploration Inc which explored with a pulse-type EM survey. Sovereign explored with bulldozer trenching in 1979 and staked Barb cl 17-32 (YA36636). In Feb/80 the claims were optioned to Cominco Ltd, which drilled 5 holes (1 229 m) and added Barb cl 33-175 (YA46974) in 1980 and conducted limited geological and geochemical surveys in 1981.

After Cominco dropped its option, the property was optioned to Tinto Gold Corporation in 1983. Sovereign changed its name to Barytex Resources Corporation in 1986 and optioned the property to Pulse Resources Ltd, which performed magnetic and geochemical surveys and tied on Beth cl 2, (YB00654) and cl 4-27 (YB00655) in Jul/87; cut baselines in Aug/88 and added Binti cl 1-8 (YB15412) in Oct/88; and performed mapping, soil sampling and geophysical surveys in 1989. Pulse Resources drilled four holes (303 m) on the Money zone located 1.5 km southeast of the deposit, before dropping its option in Aug/92.

In Nov/92 Barytex re-organized and changed its name to International Barytex Resources Ltd. The company performed 53 km of linecutting on the Barb, Binti, and Beth claims in Sep/93. and staked Pat cl 1-40 (YB51826) 5 km south of the deposit in Aug/94.

In 1995 International Barytex carried out geological mapping and prospecting on the Pat claims located south of the main Barb claim group. In 1998 the company conducted an airborne EM and magnetic geophysical survey over their entire property.

In Dec/2002 Kobex Resources Ltd optioned the Barb claims and carried out I.P. surveying and diamond drilling of 5 holes (800 m) between July and Sep/2003.

GEOLOGY

The occurrence is located near, the eastern shore of the East Arm of Frances Lake, southeast of Thompson Creek. The area marks the western edge of the Selwyn Basin, where siliclastic and carbonate deposition took place under different tectonic environments, from Late Proterozoic through Triassic.

Dawson reported in 1887 that 'specimens of quartz veins containing iron and copper pyrite, from the east arm (of the lake), about midway up it, were found to contain traces of gold'. The discovery showing in the canyon is a single quartz vein more than 1.5 m wide containing chalcopyrite, galena, sphalerite and pyrrhotite.

Away from the creek canyon, a sheared massive sulphide deposit on trend with the vein has been traced with trenching and drilling for a length of about 300 m and a slope distance of about 350 m. It consists of galena, sphalerite, pyrite, minor chalcopyrite and jamesonite in a sheared and brecciated zone up to 9 m wide, which strikes north-northwest and dips moderately east.

Fonseca (2001) of the Yukon Geology Program examined the general geology of the area while mapping the Matt Berry deposit. The area is underlain by sandstone, limestone and shale that are intruded to the east by the mid-Cretaceous Mt Billings batholith. The sedimentary sequence was originally thought to be Silurian to Devonian in age. However, recent age dating by the Yukon Geology Program of galena collected from black phyllites at the deposit returned an Ordovician age suggesting that the sedimentary units in the area are coeval with Road River Group rocks. Also, examination of diamond drill core from the Matt Berry deposit revealed that the dark phyllites in the footwall of the Matt Berry zone are underlain by a strongly deformed, quartz-sericite augen schist of probable felsic volcanic protolith. The presence of the felsic volcanic rocks suggests that mineralization in the area, once thought to be mainly sedimentary-exhalative in nature may possess a strong volcanogenic component.

At least three sulphide bands are exposed at surface. In detail, these massive sulphide bands are up to 50 cm thick, lie parallel to the shear fabric and form envelopes around slivers of the host phyllite. Quartz-filled tension fractures also contain sulphides. The deposit is located within 2 km of the contact of the Cretaceous Mt Billings batholith, and the sulphides appear to be extensively remobilized and recrystallized. In Oct/69, Matt Berry Mines estimated total reserves at 376 486 tonnes grading 148.46 g/t Ag, 9.12% Pb, 6.25% Zn and 0.38% Sb.

Reserves calculated at the end of 1977 were 533 434 tonnes grading 6.1% Pb, 4.6% Zn and 102.86 g/t Ag. The deeper 1980 drill holes encountered the favourable horizon but were unmineralized. In 1983 Tinto Gold Corporation calculated that the higher grade core hosted reserves of 200 644 tonnes grading 144 g/t Ag, 7.9% Pb and 7.2% Zn.

A possible extension to the Matt Berry deposit 1.5 km to the southeast (the Money zone) is indicated by mineralized float and a polymetallic soil anomaly coincident with a shallow-dipping IP anomaly. Two parallel northwest-trending conductors extend over a length of 800 m. The upper anomaly is offset by a northeast-trending fault.

Three of the four holes drilled on the Money zone in 1991 intersected a 1 to 2 m wide zone of massive sulphides, however only Hole 91-1 returned significant results, intersecting 0.49 m grading 17 g/t Ag, 1.82% Pb and 5.85% Zn.

Geological mapping carried out on the Pat claims found that the quartz, augen-schist unit mapped on the adjoining Beth claims extends onto the Pat claims, however no mineralization was found. The airborne geophysical program outlined two high priority airborne EM anomalies parallel to and west of the Money zone. Both anomalies are coincident to an IP anomaly identified in an earlier program but not drill tested and appear to be on strike with the Matt Berry zone located one km to the north.

Drilling in 2003 tested coincident geochemical and I.P. anomalies and intersected weakly altered, pyritic quartz monzonite containing minor pyrite, chalcopyrite and molybdenite veining.

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APPENDIX D- ASSAY CERTIFICATES



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Redtail Metals Corp**
11 Floor- 888 Dunsmuir St
Vancouver BC V6C 3K4 Canada

Submitted By: Hugh Baker
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: August 05, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11000533.1

CLIENT JOB INFORMATION

Project: SALT
Shipment ID: SLT-2011-S-1
P.O. Number: quotation NA-11-435
Number of Samples: 321

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

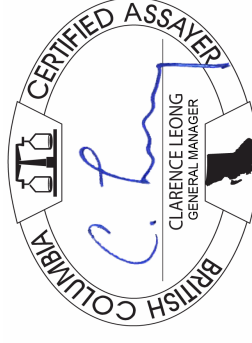
SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	321	Dry at 60C			WHI
SS80	321	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	321	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Redtail Metals Corp
11 Floor- 888 Dunsmuir St
Vancouver BC V6C 3K4
Canada

CC: Jack Cote
Andrew Caldwell
Gilles Dessureau
Greg Dawson



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. *** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Project: SALT
Report Date: August 05, 2011

www.acmelab.com

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000533.1

Method	Analyte	Unit	1DX15																											
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1	1	1	1	1	1	1		
1160973	Soil		1.1	11.4	9.9	45	<0.1	13.7	8.0	259	2.33	17.1	1.2	4.6	7	<0.1	0.4	0.5	39	0.07	0.028	25.5	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160974	Soil		1.0	29.6	14.7	63	0.1	23.4	10.6	329	3.06	13.3	1.1	5.3	12	0.1	0.4	0.5	36	0.13	0.043	25.3	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160975	Soil		0.7	22.5	12.1	58	<0.1	19.9	12.6	409	2.60	10.7	1.3	10.9	17	<0.1	0.4	0.4	28	0.27	0.061	34.4	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160976	Soil		1.4	36.0	25.3	81	0.1	28.4	15.3	502	3.78	19.5	1.1	7.8	14	0.1	0.5	0.7	41	0.17	0.044	24.4	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160977	Soil		1.1	37.3	18.8	79	0.1	28.2	17.2	466	3.45	17.6	2.4	8.6	15	0.1	0.5	0.5	36	0.20	0.047	28.8	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160978	Soil		1.1	31.2	18.6	78	<0.1	26.1	14.2	426	3.33	17.1	1.6	8.1	15	0.2	0.4	0.5	38	0.17	0.036	28.8	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160979	Soil		0.8	21.6	13.7	65	<0.1	22.4	13.5	416	2.86	14.5	1.9	8.7	20	0.1	0.5	0.4	30	0.32	0.052	28.8	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160980	Soil		1.8	67.2	30.8	98	0.7	40.6	17.2	332	3.38	21.3	2.4	5.0	44	0.5	0.5	0.7	40	0.61	0.049	21.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160981	Soil		0.9	23.1	13.0	59	0.2	20.1	9.8	295	2.58	13.2	1.9	5.9	16	<0.1	0.5	0.5	30	0.24	0.036	21.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160982	Soil		0.8	18.4	11.7	50	<0.1	17.0	8.5	227	2.16	10.9	2.8	5.4	17	<0.1	0.3	0.4	24	0.23	0.030	17.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160983	Soil		0.9	20.9	13.5	63	0.1	20.8	10.8	365	2.53	13.7	2.1	6.0	29	0.2	0.5	0.5	25	0.51	0.045	18.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160984	Soil		1.0	30.2	17.4	79	0.2	27.6	16.3	411	3.02	19.9	3.2	7.3	28	0.2	0.5	0.6	31	0.47	0.055	21.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160985	Soil		1.3	23.9	14.6	63	0.2	21.9	11.7	334	2.63	15.6	3.9	6.0	25	0.3	0.5	0.5	29	0.38	0.039	20.2	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160986	Soil		1.0	22.9	13.1	65	0.1	22.3	12.2	368	2.52	15.4	<0.5	5.1	25	0.2	0.5	0.6	29	0.40	0.041	18.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160987	Soil		0.9	23.2	14.5	64	0.1	21.4	12.7	395	2.45	15.5	1.7	5.3	29	0.1	0.5	0.5	28	0.46	0.039	17.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160988	Soil		0.7	19.4	12.2	60	0.1	19.5	10.6	318	2.17	13.8	2.1	5.0	29	0.2	0.4	0.4	25	0.47	0.043	17.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160989	Soil		0.6	18.5	12.4	49	<0.1	15.5	9.4	312	1.78	12.1	2.7	5.6	18	0.1	0.3	0.4	23	0.29	0.042	18.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160990	Soil		0.5	16.2	10.1	47	0.1	16.8	8.3	240	1.80	10.1	2.8	4.6	24	0.1	0.3	0.3	20	0.36	0.041	15.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160991	Soil		0.7	28.8	13.2	61	0.1	27.2	14.8	409	2.96	14.1	1.4	6.4	31	0.1	0.4	0.4	28	0.39	0.045	21.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160992	Soil		0.8	29.2	13.7	63	<0.1	28.0	15.6	390	2.96	14.3	<0.5	7.3	27	<0.1	0.4	0.5	29	0.25	0.044	24.4	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160993	Soil		0.7	27.1	13.1	67	<0.1	27.7	13.5	360	2.91	13.5	1.3	6.5	32	0.1	0.5	0.4	28	0.39	0.046	22.2	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160994	Soil		0.7	23.7	11.8	61	0.1	23.9	12.1	316	2.63	13.1	0.8	5.9	31	<0.1	0.5	0.4	26	0.43	0.039	18.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160995	Soil		0.8	20.4	11.9	55	<0.1	22.2	9.4	257	2.53	12.1	2.0	6.5	25	0.1	0.3	0.4	27	0.31	0.030	20.2	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160996	Soil		0.4	17.0	11.5	47	<0.1	15.6	9.4	337	1.81	8.3	1.0	7.6	13	0.1	0.4	0.3	24	0.18	0.049	18.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160997	Soil		0.3	19.1	10.8	49	<0.1	19.5	11.0	269	2.27	6.0	2.7	8.0	10	<0.1	0.3	0.3	23	0.09	0.026	21.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160998	Soil		0.3	17.2	9.8	48	<0.1	17.3	9.8	227	2.24	4.9	1.6	7.8	8	<0.1	0.3	0.2	25	0.06	0.017	24.4	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160999	Soil		0.6	11.4	11.3	50	<0.1	18.1	9.1	200	2.08	6.5	<0.5	7.0	6	<0.1	0.3	0.2	22	0.05	0.034	19.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1161000	Soil		0.4	15.9	11.5	52	<0.1	16.6	8.3	248	2.09	6.6	1.5	8.8	11	<0.1	0.4	0.3	23	0.10	0.027	25.5	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160039	Soil		1.5	15.8	12.9	63	0.1	19.5	8.6	315	3.33	23.2	1.0	5.4	7	<0.1	0.9	0.5	40	0.09	0.027	22.2	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160040	Soil		1.0	18.7	16.6	62	<0.1	21.0	8.9	320	2.69	22.2	2.0	7.9	9	<0.1	0.5	0.6	28	0.12	0.040	23.1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	



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Project: SALT
Report Date: August 05, 2011

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CERTIFICATE OF ANALYSIS

WHI11000533.1

Method	Analyte	Unit	MDL	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15	
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te		
				ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	19	0.35	48	0.034	<1	1.37	0.007	0.11	0.4	<0.01	1.8	0.1	<0.05	7	<0.5	<0.2
1160973	Soil			23	0.52	93	0.034	<1	2.15	0.010	0.15	0.4	0.01	2.7	0.1	<0.05	8	<0.5	<0.2	23	0.52	93	0.034	<1	2.15	0.010	0.15	0.4	0.01	2.7	0.1	<0.05	8	<0.5	<0.2		
1160974	Soil			21	0.54	72	0.051	<1	1.61	0.011	0.12	0.3	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2	21	0.54	72	0.051	<1	1.61	0.011	0.12	0.3	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2		
1160975	Soil			26	0.59	120	0.033	<1	2.52	0.010	0.20	0.4	0.01	3.1	0.2	<0.05	8	<0.5	<0.2	26	0.59	120	0.033	<1	2.52	0.010	0.20	0.4	0.01	3.1	0.2	<0.05	8	<0.5	<0.2		
1160976	Soil			25	0.59	108	0.037	<1	2.33	0.009	0.16	0.4	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2	25	0.59	108	0.037	<1	2.33	0.009	0.16	0.4	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2		
1160977	Soil			26	0.59	113	0.041	<1	2.36	0.010	0.18	0.4	0.01	3.3	0.2	<0.05	8	<0.5	<0.2	26	0.59	113	0.041	<1	2.36	0.010	0.18	0.4	0.01	3.3	0.2	<0.05	8	<0.5	<0.2		
1160978	Soil			23	0.54	83	0.046	<1	1.73	0.010	0.12	0.3	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2	23	0.54	83	0.046	<1	1.73	0.010	0.12	0.3	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2		
1160979	Soil			26	0.46	241	0.020	<1	3.36	0.022	0.28	0.4	0.04	3.8	0.2	<0.05	10	0.5	<0.2	26	0.46	241	0.020	<1	3.36	0.022	0.28	0.4	0.04	3.8	0.2	<0.05	10	0.5	<0.2		
1160980	Soil			21	0.39	81	0.030	<1	1.61	0.007	0.12	0.3	0.01	2.2	0.1	0.16	6	<0.5	<0.2	21	0.39	81	0.030	<1	1.61	0.007	0.12	0.3	0.01	2.2	0.1	0.16	6	<0.5	<0.2		
1160981	Soil			17	0.33	86	0.019	<1	1.51	0.010	0.10	0.3	0.01	1.8	0.1	0.11	5	<0.5	<0.2	17	0.33	86	0.019	<1	1.51	0.010	0.10	0.3	0.01	1.8	0.1	0.11	5	<0.5	<0.2		
1160982	Soil			20	0.40	96	0.031	1	1.66	0.010	0.12	0.3	0.03	2.4	0.1	0.10	5	<0.5	<0.2	20	0.40	96	0.031	1	1.66	0.010	0.12	0.3	0.03	2.4	0.1	0.10	5	<0.5	<0.2		
1160983	Soil			22	0.44	124	0.036	1	2.03	0.011	0.15	0.4	0.02	2.8	0.2	0.07	6	<0.5	<0.2	22	0.44	124	0.036	1	2.03	0.011	0.15	0.4	0.02	2.8	0.2	0.07	6	<0.5	<0.2		
1160984	Soil			20	0.40	120	0.029	<1	1.88	0.011	0.14	0.4	0.02	2.5	0.1	0.07	6	<0.5	<0.2	20	0.40	120	0.029	<1	1.88	0.011	0.14	0.4	0.02	2.5	0.1	0.07	6	<0.5	<0.2		
1160985	Soil			18	0.38	118	0.030	<1	1.76	0.010	0.14	0.4	0.02	2.3	0.2	0.08	6	<0.5	<0.2	18	0.38	118	0.030	<1	1.76	0.010	0.14	0.4	0.02	2.3	0.2	0.08	6	<0.5	<0.2		
1160986	Soil			19	0.36	118	0.030	<1	1.64	0.010	0.13	0.4	0.03	2.4	0.1	0.08	6	0.5	<0.2	19	0.36	118	0.030	<1	1.64	0.010	0.13	0.4	0.03	2.4	0.1	0.08	6	0.5	<0.2		
1160987	Soil			17	0.36	110	0.030	<1	1.63	0.010	0.12	0.3	0.02	2.1	0.1	0.09	5	<0.5	<0.2	17	0.36	110	0.030	<1	1.63	0.010	0.12	0.3	0.02	2.1	0.1	0.09	5	<0.5	<0.2		
1160988	Soil			16	0.31	92	0.030	1	1.34	0.010	0.11	0.3	0.02	1.9	<0.1	0.08	5	0.7	<0.2	16	0.31	92	0.030	1	1.34	0.010	0.11	0.3	0.02	1.9	<0.1	0.08	5	0.7	<0.2		
1160989	Soil			15	0.30	82	0.023	<1	1.31	0.009	0.10	0.3	0.02	1.8	<0.1	0.07	4	<0.5	<0.2	15	0.30	82	0.023	<1	1.31	0.009	0.10	0.3	0.02	1.8	<0.1	0.07	4	<0.5	<0.2		
1160990	Soil			21	0.43	95	0.026	<1	1.79	0.014	0.12	0.3	0.02	2.5	0.1	0.07	6	<0.5	<0.2	21	0.43	95	0.026	<1	1.79	0.014	0.12	0.3	0.02	2.5	0.1	0.07	6	<0.5	<0.2		
1160991	Soil			23	0.45	89	0.030	<1	1.89	0.010	0.13	0.3	0.02	2.6	0.1	0.06	6	<0.5	<0.2	23	0.45	89	0.030	<1	1.89	0.010	0.13	0.3	0.02	2.6	0.1	0.06	6	<0.5	<0.2		
1160992	Soil			22	0.44	93	0.030	<1	1.90	0.010	0.14	0.3	0.03	2.4	0.1	0.09	6	0.9	<0.2	22	0.44	93	0.030	<1	1.90	0.010	0.14	0.3	0.03	2.4	0.1	0.09	6	0.9	<0.2		
1160993	Soil			19	0.39	95	0.024	1	1.66	0.010	0.14	0.3	0.02	2.5	0.1	0.07	6	<0.5	<0.2	19	0.39	95	0.024	1	1.66	0.010	0.14	0.3	0.02	2.5	0.1	0.07	6	<0.5	<0.2		
1160994	Soil			20	0.37	89	0.024	<1	1.74	0.010	0.12	0.3	0.02	2.5	0.1	0.06	6	<0.5	<0.2	20	0.37	89	0.024	<1	1.74	0.010	0.12	0.3	0.02	2.5	0.1	0.06	6	<0.5	<0.2		
1160995	Soil			14	0.33	89	0.041	<1	1.32	0.008	0.13	0.3	<0.01	2.3	0.1	<0.05	4	0.6	<0.2	14	0.33	89	0.041	<1	1.32	0.008	0.13	0.3	<0.01	2.3	0.1	<0.05	4	0.6	<0.2		
1160996	Soil			18	0.38	79	0.033	<1	1.45	0.006	0.07	0.3	0.01	2.2	0.1	<0.05	5	<0.5	<0.2	18	0.38	79	0.033	<1	1.45	0.006	0.07	0.3	0.01	2.2	0.1	<0.05	5	<0.5	<0.2		
1160997	Soil			18	0.36	72	0.032	<1	1.49	0.006	0.06	0.2	<0.01	2.1	0.1	<0.05	5	<0.5	<0.2	18	0.36	72	0.032	<1	1.49	0.006	0.06	0.2	<0.01	2.1	0.1	<0.05	5	<0.5	<0.2		
1160998	Soil			17	0.34	103	0.035	<1	1.81	0.007	0.09	0.4	0.02	2.1	0.1	<0.05	5	<0.5	<0.2	17	0.34	103	0.035	<1	1.81	0.007	0.09	0.4	0.02	2.1	0.1	<0.05	5	<0.5	<0.2		
1160999	Soil			16	0.38	116	0.043	<1	1.54	0.007	0.08	0.4	0.01	2.3	0.1	<0.05	5	<0.5	<0.2	16	0.38	116	0.043	<1	1.54	0.007	0.08	0.4	0.01	2.3	0.1	<0.05	5	<0.5	<0.2		
1161000	Soil			26	0.53	57	0.034	<1	1.84	0.007	0.19	0.3	0.02	2.5	0.1	<0.05	9	0.6	<0.2	26	0.53	57	0.034	<1	1.84	0.007	0.19	0.3	0.02	2.5	0.1	<0.05	9	0.6	<0.2		
1160039	Soil			19	0.41	77	0.035	<1	1.70	0.009	0.11	0.4	0.01	2.2	<0.1	<0.05	6	<0.5	<0.2	19	0.41	77	0.035	<1	1.70	0.009	0.11	0.4	0.01	2.2	<0.1	<0.05	6	<0.5	<0.2		
1160040	Soil																																				

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Method Analyte	Unit	1DX15																			
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
MDL	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
	Soil	1.0	17.2	16.3	59	<0.1	19.2	9.4	360	2.44	17.7	1.4	8.0	11	<0.1	0.5	0.5	26	0.16	0.046	23
	Soil	0.8	25.0	16.4	66	<0.1	21.4	9.8	321	2.76	13.4	2.0	7.9	13	0.1	0.5	0.5	30	0.15	0.039	24
	Soil	1.1	25.8	18.1	65	0.2	22.4	9.2	282	2.55	14.9	2.8	6.5	22	0.2	0.4	0.5	28	0.21	0.042	21
	Soil	1.0	20.1	15.8	63	0.1	21.7	11.1	324	2.54	12.1	1.3	6.9	15	<0.1	0.5	0.4	28	0.19	0.044	20
	Soil	1.0	22.5	15.2	66	<0.1	23.3	13.4	365	2.66	12.3	2.0	7.9	19	0.1	0.4	0.4	29	0.23	0.041	23
	Soil	1.1	24.3	14.9	73	<0.1	23.6	11.8	382	2.85	15.2	3.1	7.9	20	0.2	0.5	0.5	31	0.25	0.035	23
	Soil	1.2	20.1	14.8	57	<0.1	21.6	14.0	327	2.91	20.6	1.5	5.5	14	0.1	0.8	0.7	36	0.12	0.021	20
	Soil	0.7	18.9	12.3	51	<0.1	20.0	10.8	294	2.37	13.3	1.9	6.7	18	0.1	0.5	0.4	25	0.27	0.033	21
	Soil	0.8	27.3	15.1	64	0.1	24.9	14.9	390	2.76	14.4	1.7	6.1	21	0.2	0.5	0.4	27	0.27	0.041	20
	Soil	1.0	24.9	13.5	50	0.2	18.9	12.5	287	2.08	10.9	1.8	4.8	17	0.2	0.3	0.4	21	0.25	0.037	17
	Soil	0.5	23.3	12.0	68	<0.1	23.5	13.5	280	2.56	7.0	2.4	8.8	12	0.1	0.5	0.3	25	0.13	0.034	27
	Soil	0.6	15.3	13.4	51	<0.1	17.7	7.8	176	1.51	4.2	3.0	4.3	25	<0.1	0.3	0.2	23	0.35	0.035	15
	Soil	0.5	17.1	11.5	59	<0.1	16.9	9.9	297	1.96	5.6	1.1	8.1	14	<0.1	0.4	0.3	22	0.18	0.042	22
	Soil	0.6	12.1	12.9	58	<0.1	17.6	8.2	282	2.24	7.4	0.8	8.1	10	0.1	0.4	0.4	27	0.05	0.022	20
	Soil	0.5	16.9	15.7	67	<0.1	19.0	9.7	373	2.48	6.7	3.9	10.0	13	<0.1	0.4	0.5	29	0.11	0.037	22
	Soil	0.9	23.3	16.2	72	0.1	20.0	8.8	308	2.45	8.9	2.0	6.4	19	0.2	0.6	0.5	29	0.28	0.044	20
	Soil	0.7	26.0	19.9	85	0.2	29.3	14.5	378	3.86	10.3	1.3	8.3	9	0.1	0.6	0.6	34	0.07	0.050	21
	Soil	1.7	24.9	13.1	80	<0.1	20.3	11.4	424	3.87	6.5	0.6	7.4	15	0.2	0.6	0.5	33	0.21	0.040	19
	Soil	1.0	28.5	15.1	88	<0.1	29.1	15.1	614	3.59	8.2	1.4	10.5	27	0.2	0.3	0.6	34	0.35	0.056	24
	Soil	1.4	27.8	23.6	100	0.1	27.3	13.7	550	3.44	9.0	2.2	11.6	24	0.2	0.5	0.6	41	0.33	0.063	23

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Report Date: August 05, 2011

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Method Analyte Unit	MDL	1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15															
		Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	Te ppm
1160041	Soil	17	0.38	66	0.036	<1	1.48	0.012	0.11	0.4	0.02	2.1	0.1	<0.05	5	0.8	<0.2
1160042	Soil	20	0.44	84	0.037	<1	1.76	0.008	0.13	0.4	0.02	2.5	0.1	0.06	6	0.6	<0.2
1160043	Soil	19	0.41	99	0.033	<1	1.78	0.010	0.15	0.4	0.03	2.6	0.1	0.06	6	<0.5	<0.2
1160044	Soil	20	0.41	80	0.035	<1	1.69	0.010	0.14	0.4	0.02	2.4	0.1	0.08	6	<0.5	<0.2
1160045	Soil	20	0.43	96	0.036	<1	1.79	0.008	0.16	0.3	0.03	2.6	0.1	0.07	6	<0.5	<0.2
1160046	Soil	21	0.46	101	0.035	<1	1.87	0.012	0.14	0.3	0.01	2.5	0.1	0.06	7	<0.5	<0.2
1160047	Soil	22	0.42	67	0.040	<1	1.56	0.009	0.13	0.3	0.01	2.0	0.1	0.06	7	<0.5	<0.2
1160048	Soil	18	0.39	84	0.033	<1	1.54	0.009	0.11	0.3	0.01	2.1	0.1	0.07	5	0.6	<0.2
1160049	Soil	18	0.39	111	0.026	<1	1.90	0.011	0.12	0.3	0.02	2.4	0.1	0.09	6	0.5	<0.2
1160050	Soil	15	0.30	90	0.023	<1	1.56	0.010	0.10	0.3	0.03	1.8	<0.1	0.09	5	1.1	<0.2
1160401	Soil	22	0.45	68	0.038	<1	1.47	0.005	0.09	0.2	0.01	2.6	0.1	0.07	5	0.7	<0.2
1160402	Soil	16	0.32	100	0.019	<1	1.46	0.008	0.10	0.2	0.04	1.9	<0.1	0.12	5	0.7	<0.2
1160403	Soil	16	0.38	82	0.040	<1	1.15	0.009	0.11	0.3	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1160404	Soil	18	0.42	95	0.034	1	1.68	0.009	0.09	0.4	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1160405	Soil	18	0.52	150	0.050	<1	1.80	0.011	0.12	0.5	0.02	3.2	0.2	<0.05	5	0.5	<0.2
1160406	Soil	18	0.44	123	0.034	<1	1.57	0.011	0.13	0.4	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1160407	Soil	31	0.69	83	0.033	<1	2.57	0.009	0.12	0.3	0.02	3.1	0.1	<0.05	7	0.6	<0.2
1160408	Soil	24	0.55	95	0.026	<1	1.81	0.008	0.11	0.3	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1160409	Soil	31	0.73	176	0.056	<1	2.06	0.015	0.17	1.0	0.02	4.0	0.2	<0.05	7	0.6	<0.2
1160410	Soil	31	0.77	148	0.090	<1	1.97	0.017	0.31	0.4	<0.01	4.6	0.2	<0.05	8	<0.5	<0.2
1160411	Soil	31	0.64	85	0.026	<1	2.21	0.023	0.14	0.2	<0.01	4.3	0.1	<0.05	8	<0.5	<0.2
1160412	Soil	26	0.58	93	0.018	<1	2.02	0.012	0.11	0.2	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1160413	Soil	21	0.52	49	0.040	<1	1.51	0.009	0.09	0.3	<0.01	2.3	0.1	<0.05	5	<0.5	<0.2
1160414	Soil	21	0.41	98	0.023	<1	1.93	0.013	0.14	0.3	0.02	2.2	0.1	<0.05	7	0.5	<0.2
1160415	Soil	21	0.43	82	0.023	<1	1.91	0.012	0.12	0.2	0.02	2.3	<0.1	<0.05	7	0.5	<0.2
1160416	Soil	20	0.43	96	0.032	<1	1.76	0.013	0.11	0.3	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1160417	Soil	32	0.62	259	0.022	<1	3.70	0.016	0.27	0.3	0.05	4.6	0.2	0.06	10	0.7	<0.2
1160418	Soil	19	0.47	68	0.040	<1	1.42	0.009	0.11	0.3	<0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1160419	Soil	18	0.43	71	0.034	<1	1.45	0.010	0.10	0.3	<0.01	2.0	0.1	<0.05	5	<0.5	<0.2
1160420	Soil	16	0.35	88	0.022	<1	1.47	0.011	0.10	0.2	0.02	1.9	<0.1	0.07	5	0.5	<0.2



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Method Analyte Unit	1DX15																												
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
1160421	Soil	0.6	13.5	11.8	50	<0.1	17.2	10.0	354	2.14	9.3	<0.5	5.4	19	0.2	0.3	0.3	24	0.28	0.046	20	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160422	Soil	0.5	10.4	11.7	44	<0.1	13.8	8.1	326	1.95	7.5	<0.5	6.1	17	0.1	0.3	0.3	24	0.24	0.038	20	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160423	Soil	0.8	25.0	12.8	68	0.2	21.6	8.5	311	2.34	10.0	0.8	3.5	39	0.3	0.3	0.5	27	0.57	0.050	16	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160424	Soil	0.6	20.2	13.8	58	0.1	20.1	9.1	361	2.26	11.3	<0.5	4.6	39	0.2	0.4	0.4	26	0.64	0.047	15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160425	Soil	0.7	22.3	14.8	63	0.1	24.4	10.9	386	2.54	12.7	1.2	5.6	39	0.1	0.3	0.5	28	0.53	0.045	16	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160426	Soil	0.6	20.3	14.9	62	0.1	23.0	10.1	306	2.39	11.8	1.1	4.9	36	0.2	0.4	0.5	26	0.47	0.040	15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160427	Soil	0.9	26.7	17.3	75	0.1	23.2	13.1	364	2.55	14.5	1.0	6.3	29	0.3	0.5	0.5	31	0.37	0.050	19	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160428	Soil	1.3	5.4	13.4	87	<0.1	10.2	7.0	286	1.93	7.0	0.6	4.3	15	0.1	0.2	0.4	37	0.24	0.016	16	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160429	Soil	0.7	12.6	9.6	52	0.1	13.8	5.9	215	1.51	3.8	1.1	6.5	20	0.1	0.3	0.3	21	0.32	0.051	18	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160430	Soil	0.5	15.3	14.2	58	<0.1	17.1	9.3	326	2.42	5.1	0.7	8.4	10	0.1	0.3	0.3	30	0.12	0.039	20	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160431	Soil	0.6	13.0	13.8	65	<0.1	19.9	8.2	244	2.17	7.2	0.7	8.2	7	0.2	0.4	0.3	26	0.06	0.045	20	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160432	Soil	0.7	9.8	11.5	57	<0.1	16.4	6.5	175	1.83	6.1	0.8	6.1	6	0.2	0.5	0.3	24	0.04	0.037	16	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160433	Soil	0.3	10.8	9.3	43	<0.1	13.1	6.0	242	1.57	4.8	<0.5	7.2	8	<0.1	0.3	0.2	19	0.11	0.044	18	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
1160434	Soil	0.4	12.6	10.5	49	&																							



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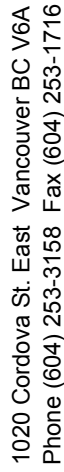
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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Client: Redtail Metals Corp
11 Floor- 888 Dunsmuir St
Vancouver BC V6C 3K4 Canada

Project: SALT
Report Date: August 05, 2011

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Method Analyte Unit	1DX15															
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
1160187	Soil	24	0.49	59	0.019	<1	1.80	0.011	0.10	0.2	0.02	1.9	<0.1	<0.05	7	<0.5
1160188	Soil	32	0.59	88	0.017	<1	2.63	0.009	0.14	0.3	0.01	2.8	0.1	<0.05	9	<0.5
1160189	Soil	22	0.55	72	0.039	<1	1.84	0.008	0.11	0.3	<0.01	2.3	0.1	<0.05	6	<0.5
1160190	Soil	26	0.52	117	0.018	<1	2.57	0.013	0.17	0.3	0.02	2.7	0.1	<0.05	8	<0.5
1160191	Soil	27	0.62	82	0.027	1	2.20	0.009	0.12	0.3	<0.01	2.5	<0.1	<0.05	8	<0.5
1160192	Soil	20	0.52	61	0.040	<1	1.39	0.010	0.08	0.3	<0.01	2.0	0.1	<0.05	5	<0.5
1160193	Soil	18	0.48	126	0.025	1	2.04	0.012	0.15	0.4	0.02	2.7	0.2	<0.05	7	<0.5
1160194	Soil	16	0.38	70	0.046	<1	1.41	0.008	0.11	0.5	<0.01	1.7	0.1	<0.05	7	<0.5
1160195	Soil	18	0.45	151	0.026	<1	2.24	0.014	0.15	0.3	0.03	2.5	0.1	<0.05	6	0.7
1160196	Soil	19	0.54	177	0.037	1	1.50	0.019	0.13	0.3	0.03	2.4	<0.1	0.08	5	<0.5
1160197	Soil	17	0.49	188	0.035	1	1.30	0.015	0.12	0.4	0.02	2.2	0.1	<0.05	5	<0.5
1160198	Soil	21	0.73	216	0.069	2	1.65	0.022	0.25	0.6	0.03	3.4	0.2	0.07	6	<0.5
1160199	Soil	18	0.48	156	0.038	<1	1.31	0.015	0.11	0.4	0.02	2.5	0.1	<0.05	5	<0.5
1160200	Soil	14	0.41	133	0.023	2	0.97	0.021	0.06	0.3	0.01	1.6	<0.1	0.11	3	<0.5
1160101	Soil	22	0.52	95	0.029	<1	1.95	0.015	0.14	0.4	0.02	2.6	0.1	0.05	6	<0.5
1160102	Soil	21	0.50	99	0.026	<1	1.95	0.013	0.14	0.3	0.02	2.6	0.1	<0.05	6	<0.5
1160103	Soil	21	0.49	109	0.027	<1	1.96	0.013	0.14	0.3	0.02	2.5	0.1	<0.05	7	<0.5
1160104	Soil	26	0.54	207	0.020	<1	3.07	0.014	0.22	0.4	0.03	3.1	0.1	<0.05	9	0.9
1160105	Soil	18	0.52	121	0.024	<1	2.06	0.011	0.13	0.3	0.01	2.1	0.1	<0.05	6	<0.5
1160106	Soil	17	0.47	101	0.031	<1	1.60	0.009	0.09	0.4	<0.01	2.0	0.1	<0.05	6	<0.5
1160107	Soil	16	0.42	119	0.034	<1	1.83	0.010	0.09	0.4	<0.01	2.0	0.1	<0.05	4	<0.5
1160108	Soil	18	0.50	68	0.037	<1	1.42	0.010	0.08	0.3	0.01	2.3	<0.1	<0.05	5	<0.5
1160109	Soil	27	0.62	87	0.050	1	1.75	0.012	0.14	0.2	<0.01	3.0	0.1	<0.05	6	<0.5
1160110	Soil	15	0.42	85	0.032	<1	1.53	0.007	0.07	0.4	<0.01	1.8	<0.1	<0.05	4	<0.5
1160111	Soil	15	0.41	102	0.029	<1	1.59	0.006	0.08	0.4	0.02	1.9	0.1	<0.05	5	<0.5
1160112	Soil	20	0.54	158	0.060	<1	2.17	0.015	0.14	0.6	0.01	3.3	0.2	<0.05	7	<0.5
1160113	Soil	15	0.45	74	0.046	<1	1.49	0.008	0.11	0.6	<0.01	2.1	0.1	<0.05	5	<0.5
1160114	Soil	14	0.46	129	0.047	<1	1.24	0.009	0.12	0.5	<0.01	2.3	0.1	<0.05	4	<0.5
1160115	Soil	27	0.58	102	0.042	<1	1.78	0.009	0.11	0.3	0.02	2.5	0.1	<0.05	6	<0.5
1160116	Soil	18	0.43	85	0.039	1	1.60	0.006	0.08	0.4	0.02	2.1	0.1	<0.05	5	<0.5

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11 Floor- 888 Dunsmuir St
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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

Client: Redtail Metals Corp
11 Floor- 888 Dunsmuir St
Vancouver BC V6C 3K4 Canada

Project: SALT
Report Date: August 05, 2011

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Method Analyte Unit	MDL	1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15															
		Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	Te ppm
1160477	Soil	13	0.33	70	0.025	<1	1.15	0.008	0.07	0.4	0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1160478	Soil	14	0.28	64	0.025	<1	0.89	0.010	0.04	0.3	<0.01	1.4	0.1	<0.05	5	<0.5	<0.2
1160479	Soil	21	0.34	52	0.022	<1	1.30	0.009	0.11	0.3	0.02	1.9	0.2	<0.05	8	<0.5	<0.2
1160480	Soil	26	0.44	116	0.019	<1	2.33	0.016	0.16	0.3	0.03	2.7	0.2	0.06	8	<0.5	<0.2
1160481	Soil	16	0.30	68	0.013	<1	1.31	0.012	0.09	0.3	0.01	1.7	0.1	<0.05	7	<0.5	<0.2
1160482	Soil	25	0.41	144	0.017	<1	2.69	0.017	0.20	0.4	0.04	3.1	0.2	0.06	9	<0.5	<0.2
1160483	Soil	14	0.24	60	0.014	<1	1.24	0.014	0.10	0.3	<0.01	1.5	0.1	<0.05	6	<0.5	<0.2
1160484	Soil	27	0.56	70	0.033	1	2.04	0.010	0.11	0.3	0.01	2.8	0.2	<0.05	9	<0.5	<0.2
1160485	Soil	24	0.54	114	0.027	3	2.24	0.011	0.17	0.4	0.01	2.5	0.1	0.11	8	<0.5	<0.2
1160486	Soil	32	0.66	240	0.030	1	3.94	0.017	0.30	0.5	0.04	4.1	0.2	0.12	10	<0.5	<0.2
1160487	Soil	25	0.60	135	0.039	<1	2.31	0.013	0.16	0.3	0.02	3.2	0.1	0.07	6	<0.5	<0.2
1160488	Soil	24	0.53	153	0.030	1	2.37	0.014	0.15	0.4	0.04	2.8	0.1	0.08	6	<0.5	<0.2
1160489	Soil	20	0.44	107	0.024	<1	1.78	0.012	0.09	0.3	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1160490	Soil	25	0.57	155	0.040	<1	2.36	0.015	0.18	0.5	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1160491	Soil	22	0.58	131	0.044	1	2.06	0.015	0.16	0.3	0.02	2.9	0.2	0.06	6	<0.5	<0.2
1160492	Soil	16	0.43	89	0.036	<1	1.44	0.011	0.10	0.3	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
1160493	Soil	17	0.40	169	0.032	2	2.06	0.019	0.16	0.3	0.02	2.4	0.1	0.05	6	<0.5	<0.2
1160494	Soil	21	0.49	132	0.038	<1	1.78	0.015	0.12	0.2	0.03	2.5	0.1	0.09	5	<0.5	<0.2
1160495	Soil	15	0.42	67	0.039	<1	1.10	0.018	0.10	0.2	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1160496	Soil	15	0.42	77	0.039	<1	1.17	0.014	0.08	0.3	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1160497	Soil	23	0.53	98	0.042	<1	1.80	0.008	0.10	0.3	0.01	2.3	0.1	<0.05	6	<0.5	<0.2
1160498	Soil	24	0.52	102	0.042	<1	2.08	0.008	0.10	0.4	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1160499	Soil	18	0.36	73	0.034	<1	1.85	0.007	0.06	0.4	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1160500	Soil	15	0.38	75	0.034	<1	1.41	0.008	0.06	0.4	0.01	1.5	0.1	<0.05	4	<0.5	<0.2
1160087	Soil	20	0.52	50	0.053	<1	1.35	0.016	0.09	0.3	<0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1160088	Soil	26	0.65	123	0.042	<1	2.22	0.014	0.19	0.4	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1160089	Soil	23	0.51	93	0.036	<1	1.99	0.013	0.15	0.4	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1160090	Soil	25	0.61	103	0.047	<1	1.93	0.013	0.18	0.4	<0.01	2.6	0.1	<0.05	6	<0.5	<0.2
1160091	Soil	23	0.56	95	0.047	<1	1.91	0.012	0.17	0.3	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1160092	Soil	27	0.62	141	0.037	<1	2.33	0.016	0.16	0.3	0.02	2.9	0.1	<0.05	7	<0.5	<0.2



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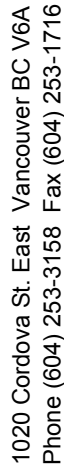


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Phone (604) 253-3158 Fax (604) 253-1716

Client: Redtail Metals Corp
11 Floor-888 Dunsmuir St
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Project: SALT
Report Date: August 05, 2011

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Method Analyte Unit	1DX15																
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1160373	Soil	13	0.32	106	0.030	<1	0.98	0.014	0.12	0.3	<0.01	2.0	<0.1	<0.05	3	0.5	<0.2
1160251	Soil	21	0.44	116	0.031	<1	1.30	0.010	0.08	0.2	0.02	2.3	<0.1	<0.05	4	0.6	<0.2
1160252	Soil	11	0.28	79	0.022	<1	0.84	0.013	0.07	0.2	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1160253	Soil	14	0.33	107	0.025	1	1.03	0.012	0.08	0.3	0.02	1.9	<0.1	<0.05	3	0.5	<0.2
1160254	Soil	14	0.30	149	0.017	<1	1.25	0.012	0.06	0.3	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1160255	Soil	15	0.32	104	0.025	<1	1.17	0.010	0.08	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1160256	Soil	20	0.39	149	0.031	<1	1.50	0.012	0.10	0.3	0.03	2.7	0.1	<0.05	5	0.8	<0.2
1160257	Soil	12	0.28	91	0.022	<1	1.17	0.010	0.08	0.2	0.02	1.7	<0.1	<0.05	4	0.7	<0.2
1160258	Soil	11	0.30	66	0.032	1	0.86	0.009	0.07	0.3	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1160259	Soil	10	0.30	68	0.031	<1	0.86	0.009	0.07	0.3	<0.01	1.4	0.1	<0.05	3	<0.5	<0.2
1160260	Soil	12	0.28	93	0.024	<1	1.01	0.009	0.07	0.3	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1160261	Soil	17	0.39	69	0.037	<1	1.24	0.006	0.07	0.3	<0.01	2.1	0.1	<0.05	4	<0.5	<0.2
1160936	Soil	28	0.52	73	0.036	<1	1.89	0.010	0.13	0.3	<0.01	2.4	0.1	<0.05	8	<0.5	<0.2
1160937	Soil	21	0.44	50	0.026	<1	1.57	0.008	0.09	0.3	<0.01	2.0	0.1	<0.05	6	<0.5	<0.2
1160938	Soil	23	0.54	88	0.039	<1	1.96	0.010	0.13	0.3	<0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1160939	Soil	25	0.53	121	0.030	<1	2.20	0.010	0.15	0.3	0.01	2.8	0.1	<0.05	7	0.6	<0.2
1160940	Soil	22	0.45	138	0.027	<1	2.06	0.013	0.16	0.3	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1160941	Soil	22	0.44	141	0.026	<1	2.12	0.012	0.17	0.3	0.02	2.7	0.1	<0.05	6	0.5	<0.2
1160942	Soil	20	0.46	105	0.028	1	1.74	0.014	0.12	0.3	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1160943	Soil	18	0.45	67	0.031	<1	1.31	0.009	0.08	0.3	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1160944	Soil	13	0.36	49	0.031	<1	1.01	0.009	0.07	0.3	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1160945	Soil	15	0.38	85	0.031	<1	1.38	0.011	0.10	0.3	0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
1160946	Soil	18	0.43	93	0.033	<1	1.56	0.013	0.12	0.4	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
1160947	Soil	14	0.37	87	0.031	<1	1.43	0.010	0.10	0.3	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1160948	Soil	15	0.39	116	0.035	<1	1.60	0.012	0.10	0.3	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1160949	Soil	16	0.40	132	0.027	<1	1.84	0.011	0.11	0.4	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1160950	Soil	14	0.33	73	0.034	<1	1.19	0.010	0.08	0.3	0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
1160301	Soil	13	0.37	87	0.035	<1	1.08	0.016	0.10	0.4	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1160302	Soil	12	0.36	94	0.024	<1	1.07	0.012	0.08	0.3	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1160303	Soil	11	0.27	60	0.029	<1	1.23	0.007	0.06	0.5	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval. Preliminary reports are unsigned and should be used for reference only.



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Project:

SALT

Report Date:

August 05, 2011

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CERTIFICATE OF ANALYSIS

WHI11000533.1

Method Analyte Unit	1DX15 1DX15																							
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La				
MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm				
1160304	0.2	5.7	5.9	57	<0.1	10.2	5.3	309	1.26	1.7	<0.5	4.8	15	<0.1	0.1	<0.1	16	0.20	0.040	14				
1160305	0.4	15.8	12.1	52	<0.1	17.0	9.2	345	1.95	9.7	0.8	7.8	13	0.1	0.5	0.2	21	0.21	0.047	21				
1160306	0.5	7.7	9.3	47	<0.1	12.0	8.1	419	1.91	9.4	<0.5	6.3	19	0.1	0.2	0.2	22	0.29	0.049	18				
1160307	0.3	13.0	10.1	41	<0.1	12.4	6.9	237	1.58	5.1	<0.5	6.3	25	0.1	0.2	0.2	18	0.46	0.034	16				
1160308	0.5	19.4	19.8	77	0.1	21.3	11.4	686	2.83	6.1	0.8	10.5	38	0.3	0.3	0.5	34	0.61	0.048	21				
1160309	1.1	19.6	24.6	94	0.1	23.1	11.6	958	3.09	8.3	<0.5	11.9	31	0.3	0.3	0.7	37	0.51	0.051	24				
1160310	2.0	8.0	17.1	92	<0.1	13.7	8.1	282	3.53	14.2	<0.5	4.3	9	0.3	0.4	0.3	46	0.09	0.092	17				
1160311	0.4	9.0	7.9	35	<0.1	13.5	8.3	384	1.80	6.7	<0.5	5.2	13	0.1	0.2	0.1	19	0.19	0.021	14				
1160312	3.3	29.7	22.5	186	0.3	29.3	9.0	454	2.75	14.6	1.0	7.9	32	0.5	1.6	0.3	35	0.36	0.080	20				
1160313	0.7	12.8	10.4	48	<0.1	15.7	10.8	288	2.45	11.5	<0.5	6.7	23	0.2	0.4	0.2	24	0.34	0.041	17				
1160314	0.6	13.4	10.8	50	<0.1	14.9	9.5	302	2.11	8.6	<0.5	6.3	25	0.2	0.3	0.2	24	0.35	0.040	19				
1160315	0.7	18.7	10.2	71	<0.1	22.3	12.0	322	2.93	6.2	<0.5	9.4	17	0.1	0.3	0.2	29	0.20	0.046	29				
1160316	0.7	12.5	9.8	40	<0.1	11.9	6.2	282	1.48	5.4	0.6	2.9	24	<0.1	0.2	0.2	20	0.36	0.043	14				
1160317	0.3	6.9	7.1	37	<0.1	10.4	4.7	197	1.30	4.0	<0.5	5.9	13	<0.1	0.2	<0.1	17	0.20	0.048	18				
1160318	0.3	6.5	7.3	39	<0.1	11.2	4.9	231	1.37	4.4	0.6	5.4	15	<0.1	0.2	<0.1	18	0.24	0.045	18				
1160319	0.4	7.7	9.0	33	<0.1	10.4	4.7	205	1.42	4.7	<0.5	4.3	17	0.1	0.2	0.1	22	0.25	0.024	16				
1160320	0.8	5.4	9.0	28	<0.1	7.6	3.4	129	1.98	7.8	<0.5	4.8	7	<0.1	0.3	0.2	34	0.05	0.007	15				
1160321	0.6	8.3	9.5	36	<0.1	11.7	6.6	252	1.54	7.0	<0.5	5.4	7	<0.1	0.3	0.1	21	0.09	0.024	15				
1160322-duplicate	0.6	8.0	10.3	37	<0.1	10.8	6.7	249	1.52	6.7	<0.5	5.4	7	<0.1	0.3	0.2	23	0.10	0.026	15				
1160323	0.4	10.2	8.7	39	<0.1	11.4	5.4	236	1.34	5.5	<0.5	4.8	20	0.2	0.3	0.1	18	0.31	0.046	17				
1160324	0.5	8.7	9.6	38	<0.1	9.4	6.4	244	1.36	5.7	<0.5	4.1	23	<0.1	0.2	0.1	18	0.37	0.050	15				



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CERTIFICATE OF ANALYSIS

WHI11000533.1

Method Analyte Unit MDL	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15												
	Cr ppm	1	Mg %	0.01	Ba ppm	1	Ti %	0.001	B ppm	1	Al %	0.01	Na %	0.001	K %	0.01	W ppm	0.1	Hg ppm	0.01	Sc ppm	0.1	Tl ppm	0.1	S %	0.05	Ga ppm	1	Se ppm	0.5	Te ppm	0.1	
1160304	Soil	10	0.32		70	0.034		<1	0.80	0.010	0.05	0.3	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160305	Soil	15	0.39		74	0.035		<1	1.18	0.011	0.12	0.3	0.02	2.0	0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160306	Soil	14	0.38		90	0.034		<1	1.06	0.015	0.10	0.4	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160307	Soil	13	0.33		137	0.028		<1	1.01	0.013	0.07	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160308	Soil	21	0.58		178	0.069		<1	1.54	0.017	0.18	0.6	0.05	3.3	0.2	<0.05	6	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160309	Soil	26	0.65		306	0.077		1	1.71	0.017	0.23	0.6	0.02	3.6	0.2	<0.05	6	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160310	Soil	21	0.40		115	0.024		<1	1.67	0.014	0.07	0.4	0.02	1.8	<0.1	<0.05	8	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160311	Soil	12	0.34		72	0.024		<1	1.02	0.008	0.08	0.3	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160312	Soil	18	0.51		580	0.034		1	1.08	0.015	0.15	0.3	0.04	3.1	0.2	<0.05	4	0.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160313	Soil	17	0.41		135	0.035		<1	1.13	0.011	0.06	0.3	0.10	2.0	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160314	Soil	17	0.42		101	0.035		1	1.28	0.013	0.10	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160315	Soil	26	0.57		58	0.044		<1	1.57	0.008	0.10	0.1	<0.01	2.5	0.1	<0.05	5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160316	Soil	12	0.32		89	0.024		<1	1.09	0.009	0.06	0.3	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160317	Soil	9	0.31		58	0.033		<1	0.80	0.011	0.06	0.3	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160318	Soil	11	0.33		58	0.035		<1	0.77	0.010	0.07	0.4	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160319	Soil	13	0.31		75	0.032		<1	0.98	0.009	0.07	0.3	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160320	Soil	11	0.21		30	0.052		<1	0.88	0.006	0.05	0.5	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160321	Soil	10	0.28		65	0.030		<1	0.95	0.007	0.07	0.4	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160322-duplicate	Soil	11	0.29		71	0.031		<1	0.95	0.007	0.08	0.4	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160323	Soil	10	0.29		70	0.032		<1	0.90	0.012	0.07	0.3	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1160324	Soil	10	0.29		72	0.031		<1	0.83	0.011	0.07	0.5	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

QUALITY CONTROL REPORT

WHI11000533.1

Method	Analyte	Pulp Duplicates																					
		MDL	Unit	Mo	Cu	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
	Soil	0.8	20.4	11.9	55	<0.1	22.2	9.4	257	2.53	12.1	2.0	6.5	25	0.1	0.3	0.4	27	0.31	0.030	20		
	QC	0.6	21.3	12.3	57	<0.1	23.3	10.1	263	2.62	13.4	2.1	6.9	26	<0.1	0.3	0.5	28	0.32	0.032	21		
	Soil	0.7	18.9	12.3	51	<0.1	20.0	10.8	294	2.37	13.3	1.9	6.7	18	0.1	0.5	0.4	25	0.27	0.033	21		
	QC	0.7	18.7	12.5	54	<0.1	19.8	11.1	291	2.41	14.1	2.2	6.8	18	<0.1	0.5	0.4	26	0.27	0.035	21		
	Soil	0.6	12.1	12.9	58	<0.1	17.6	8.2	282	2.24	7.4	0.8	8.1	10	0.1	0.4	0.4	27	0.05	0.022	20		
	QC	0.6	11.4	12.0	55	<0.1	17.1	8.3	268	2.19	6.9	1.2	7.5	10	0.1	0.3	0.4	26	0.06	0.021	19		
	Soil	1.3	5.4	13.4	87	<0.1	10.2	7.0	286	1.93	7.0	0.6	4.3	15	0.1	0.2	0.4	37	0.24	0.016	16		
	QC	1.3	5.3	13.3	86	<0.1	10.2	6.6	276	1.91	7.2	<0.5	4.3	14	0.1	0.3	0.4	37	0.23	0.016	16		
	Soil	0.3	19.3	11.7	51	<0.1	19.7	9.9	338	2.07	9.4	2.0	6.1	28	0.2	0.2	0.3	23	0.44	0.042	16		
	QC	0.4	18.1	11.0	51	<0.1	19.6	9.7	327	2.07	9.4	23.9	6.1	28	<0.1	0.2	0.3	23	0.44	0.042	16		
	Soil	0.6	19.2	13.8	59	<0.1	19.6	10.9	300	2.03	3.5	2.2	7.8	21	0.2	0.4	0.3	26	0.37	0.044	19		
	QC	0.6	19.9	13.9	60	<0.1	19.2	11.2	306	2.04	3.4	1.6	7.8	21	0.2	0.4	0.3	27	0.37	0.045	20		
	Soil	1.8	29.1	17.1	78	<0.1	28.3	14.3	437	3.89	18.1	<0.5	7.3	20	0.2	0.4	0.7	38	0.19	0.023	25		
	QC	1.7	29.4	18.1	76	<0.1	28.8	14.0	434	3.86	18.9	0.9	7.6	20	0.1	0.4	0.8	39	0.19	0.023	25		
	Soil	0.7	13.3	13.9	52	<0.1	15.8	9.2	307	2.04	7.7	0.8	7.4	9	0.1	0.5	0.4	24	0.10	0.038	16		
	QC	0.6	13.5	14.0	55	<0.1	17.2	9.7	301	1.99	7.5	2.4	7.3	9	0.1	0.5	0.4	24	0.09	0.040	17		
	Soil	0.8	32.2	13.5	58	0.1	27.0	9.2	271	2.22	10.0	<0.5	4.1	34	0.3	0.3	0.4	25	0.51	0.033	19		
	QC	0.9	31.8	13.3	57	0.1	26.9	9.1	267	2.21	9.8	1.5	4.1	34	0.4	0.3	0.4	25	0.50	0.034	19		
	Soil	0.5	9.7	6.8	44	<0.1	13.8	5.6	448	1.63	4.5	<0.5	5.7	19	0.1	0.2	0.2	21	0.31	0.057	17		
	QC	0.5	10.0	6.8	44	<0.1	13.2	5.7	453	1.65	4.6	5.7	6.0	19	0.1	0.2	0.2	21	0.31	0.055	17		
	Soil	0.4	14.9	10.8	49	0.1	15.2	7.3	260	1.91	12.5	5.3	4.9	21	0.2	0.4	0.4	23	0.43	0.049	16		
	QC	0.5	15.8	11.3	49	0.1	16.3	7.7	265	2.00	13.1	2.9	4.4	22	0.2	0.3	0.3	23	0.43	0.047	14		
	Soil	1.3	46.7	23.1	65	0.3	35.0	15.7	297	3.17	18.3	0.9	6.2	25	<0.1	0.3	0.6	33	0.27	0.046	17		
	QC	1.4	48.3	24.1	65	0.3	34.3	15.7	279	3.16	19.2	<0.5	6.5	26	0.1	0.4	0.7	35	0.28	0.045	19		
	Soil	0.5	13.9	10.4	46	<0.1	16.0	8.4	356	1.86	10.9	2.1	6.7	20	0.3	0.4	0.3	27	0.32	0.059	20		
	QC	0.5	13.8	10.3	50	<0.1	16.1	8.8	379	1.92	12.2	35.6	7.0	21	0.2	0.3	0.3	29	0.32	0.060	22		
	Soil	0.9	22.5	12.5	65	0.1	23.2	14.3	348	2.41	15.2	1.4	5.0	41	0.3	0.4	0.5	31	0.74	0.045	19		
	QC	0.8	23.8	12.8	67	0.1	24.6	14.9	359	2.49	16.0	1.5	5.1	44	0.2	0.5	0.4	32	0.77	0.046	18		



Acme Analytical Laboratories (Vancouver) Ltd.

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Pulp Duplicates

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: SALT
Report Date: August 05, 2011

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QUALITY CONTROL REPORT

WHI11000533.1

	1DX15 1DX15																							
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La				
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm				
1160368	0.6	9.5	9.5	51	<0.1	14.4	10.4	479	2.34	12.9	<0.5	5.3	11	0.1	0.2	0.2	24	0.16	0.047	15				
REP 1160368	QC																							
1160257	0.6	9.8	9.1	50	<0.1	14.4	10.3	463	2.27	12.7	<0.5	5.2	11	0.1	0.2	0.2	23	0.15	0.046	15				
	Soil																							
REP 1160257	QC																							
1160946	0.7	18.1	8.7	46	0.1	15.3	8.0	281	1.54	7.6	1.1	3.5	22	0.2	0.3	0.3	20	0.40	0.039	14				
	Soil																							
REP 1160946	QC																							
1160314	0.9	18.9	14.1	54	<0.1	19.7	10.5	346	2.32	10.4	<0.5	5.4	25	0.1	0.4	0.3	28	0.37	0.038	18				
	Soil																							
REP 1160314	QC																							
Reference Materials	0.6	13.4	10.8	50	<0.1	14.9	9.5	302	2.11	8.6	<0.5	6.3	25	0.2	0.3	0.2	24	0.35	0.040	19				
	0.7	13.0	11.0	49	<0.1	15.8	9.2	291	2.10	8.8	1.2	6.3	27	0.1	0.3	0.2	23	0.36	0.039	19				
STD DS8	14.0	112.1	121.2	311	1.8	38.6	7.6	619	2.46	26.2	125.1	6.9	65	2.2	4.9	6.0	43	0.71	0.080	16				
STD DS8	13.8	113.1	123.2	315	1.8	38.0	7.6	632	2.48	26.0	138.9	7.1	69	2.4	5.1	6.1	44	0.74	0.078	17				
STD DS8	12.5	101.1	131.4	293	1.7	35.1	7.0	588	2.31	24.7	105.7	6.6	65	2.1	5.2	6.4	40	0.63	0.074	14				
STD DS8	11.8	99.5	128.5	301	1.7	36.5	7.3	610	2.35	24.4	108.3	6.7	66	2.2	5.5	6.3	39	0.66	0.070	13				
STD DS8	12.5	104.9	111.0	294	1.8	36.7	6.9	586	2.39	26.5	107.5	6.3	59	2.0	5.2	5.6	41	0.65	0.069	14				
STD DS8	13.1	108.9	117.3	299	1.7	36.8	7.5	595	2.40	25.8	107.1	6.8	63	2.2	5.3	6.0	40	0.65	0.076	15				
STD DS8	12.2	107.8	129.7	311	1.9	38.1	7.6	605	2.39	26.5	111.4	6.8	64	2.5	5.8	6.9	41	0.66	0.079	13				
STD DS8	13.8	114.5	130.1	314	1.9	39.1	7.8	639	2.53	26.3	116.3	7.2	70	2.7	5.7	6.9	44	0.71	0.079	16				
STD DS8	14.0	114.2	131.9	314	1.7	38.8	7.7	613	2.44	29.3	117.7	7.0	73	2.3	6.3	6.5	48	0.67	0.077	15				
STD DS8	14.5	112.5	124.9	305	1.7	37.8	7.8	591	2.44	27.7	114.8	7.1	68	2.1	5.8	6.1	45	0.65	0.079	15				
STD DS8	13.4	106.0	137.6	316	1.9	38.3	7.1	634	2.60	27.4	111.4	6.3	77	2.5	6.7	7.3	41	0.71	0.078	14				
STD DS8	13.4	106.2	138.1	320	1.9	36.9	7.3	623	2.47	26.7	114.6	7.0	78	2.3	6.7	7.5	42	0.70	0.075	15				
STD DS8	12.9	107.2	121.5	300	1.8	37.4	7.9	607	2.44	26.5	108.9	6.7	62	2.3	4.9	5.7	41	0.68	0.076	15				
STD DS8	13.6	110.0	126.5	302	1.7	38.2	7.8	616	2.48	26.3	119.7	7.0	63	2.2	5.5	6.0	42	0.74	0.078	15				
STD DS8	12.3	107.2	120.3	290	1.7	36.7	7.4	578	2.27	24.7	103.6	6.5	59	2.3	5.2	6.0	40	0.63	0.074	14				
STD DS8	13.0	107.8	123.4	292	1.7	36.6	7.5	576	2.32	25.4	121.4	6.5	62	2.3	5.2	6.1	40	0.65	0.077	14				
STD DS8	14.6	113.7	124.9	313	1.8	41.7	8.0	613	2.44	26.3	108.6	6.6	63	2.3	5.6	6.0	42	0.69	0.077	15				
STD DS8	14.2	115.8	126.9	321	1.9	40.2	7.9	628	2.53	26.5	106.9	6.8	64	2.5	5.6	6.0	44	0.71	0.078	15				
STD DS8	14.2	118.2	125.6	318	1.6	40.8	7.9	621	2.50	25.4	97.8	6.8	63	2.1	5.4	6.5	44	0.68	0.078	14				
STD DS8	15.2	121.0	123.7	320	1.9	40.9	8.2	646	2.61	27.7	109.3	7.5	68	2.3	5.6	6.6	47	0.73	0.076	16				



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Project: SALT
Report Date: August 05, 2011

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QUALITY CONTROL REPORT

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		1DX15																	
		Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	Te ppm	1DX15	
1160368	Soil	18	0.36	85	0.028	<1	1.10	0.008	0.08	0.3	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2	1DX15	
REP 1160368	QC	17	0.35	83	0.027	<1	1.09	0.008	0.08	0.3	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2	1DX15	
1160257	Soil	12	0.28	91	0.022	<1	1.17	0.010	0.08	0.2	0.02	1.7	<0.1	<0.05	4	0.7	<0.2	1DX15	
REP 1160257	QC	13	0.27	92	0.021	<1	1.17	0.010	0.08	0.3	0.02	1.7	<0.1	<0.05	4	0.5	<0.2	1DX15	
1160946	Soil	18	0.43	93	0.033	<1	1.56	0.013	0.12	0.4	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2	1DX15	
REP 1160946	QC	18	0.44	93	0.034	<1	1.53	0.013	0.13	0.4	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2	1DX15	
1160314	Soil	17	0.42	101	0.035	1	1.28	0.013	0.10	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2	1DX15	
REP 1160314	QC	17	0.41	103	0.035	1	1.29	0.014	0.09	0.3	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2	1DX15	
Reference Materials																			
STD DS8	Standard	117	0.62	276	0.116	2	0.93	0.090	0.42	3.0	0.21	2.4	5.6	0.15	5	4.5	5.1	1DX15	
STD DS8	Standard	120	0.64	276	0.122	3	0.96	0.097	0.43	3.1	0.20	2.4	5.5	0.15	5	5.5	4.8	1DX15	
STD DS8	Standard	113	0.56	253	0.111	2	0.87	0.083	0.37	2.8	0.21	1.9	5.4	0.11	5	5.3	4.3	1DX15	
STD DS8	Standard	105	0.58	256	0.114	2	0.87	0.095	0.38	2.9	0.19	1.8	5.3	0.10	5	4.8	4.8	1DX15	
STD DS8	Standard	118	0.51	260	0.111	2	0.84	0.077	0.39	2.8	0.19	1.9	4.9	0.23	5	5.3	4.4	1DX15	
STD DS8	Standard	117	0.54	271	0.120	2	0.91	0.087	0.41	2.8	0.20	2.2	5.1	0.22	5	5.7	4.7	1DX15	
STD DS8	Standard	113	0.60	257	0.109	2	0.88	0.084	0.41	3.0	0.23	2.0	5.3	0.17	5	5.1	5.3	1DX15	
STD DS8	Standard	118	0.64	294	0.123	3	0.95	0.096	0.42	3.0	0.22	2.3	5.4	0.17	5	5.7	5.4	1DX15	
STD DS8	Standard	123	0.67	276	0.122	<1	0.91	0.089	0.41	2.9	0.20	1.8	5.1	0.20	4	4.4	5.1	1DX15	
STD DS8	Standard	120	0.65	272	0.115	2	0.88	0.086	0.40	2.5	0.21	1.9	4.8	0.16	4	3.8	4.7	1DX15	
STD DS8	Standard	121	0.62	282	0.125	3	0.89	0.086	0.44	3.2	0.23	2.2	5.3	0.16	5	5.8	4.7	1DX15	
STD DS8	Standard	113	0.61	296	0.125	3	0.92	0.089	0.41	3.1	0.21	2.0	5.2	0.18	5	5.5	5.1	1DX15	
STD DS8	Standard	116	0.59	281	0.110	3	0.89	0.088	0.40	3.3	0.19	2.0	5.3	0.13	5	4.5	5.3	1DX15	
STD DS8	Standard	119	0.62	291	0.118	3	0.89	0.086	0.41	3.0	0.20	2.3	5.6	0.16	5	4.8	5.2	1DX15	
STD DS8	Standard	110	0.56	262	0.104	2	0.84	0.085	0.39	2.7	0.18	1.8	5.0	0.12	4	4.3	5.0	1DX15	
STD DS8	Standard	112	0.58	274	0.108	2	0.87	0.086	0.39	2.7	0.20	1.9	5.3	0.16	4	5.8	4.3	1DX15	
STD DS8	Standard	130	0.60	277	0.111	3	0.90	0.085	0.41	3.2	0.20	1.9	5.3	0.14	4	4.9	4.8	1DX15	
STD DS8	Standard	123	0.63	285	0.115	3	0.90	0.086	0.42	3.1	0.22	2.0	5.3	0.13	5	5.0	4.8	1DX15	
STD DS8	Standard	123	0.61	277	0.123	3	0.90	0.078	0.39	3.0	0.21	2.0	5.4	0.11	5	5.1	4.6	1DX15	
STD DS8	Standard	130	0.64	277	0.130	3	0.92	0.087	0.42	3.1	0.21	2.2	5.3	0.17	5	5.2	4.7	1DX15	



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SALT

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	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppbm	ppbm	ppbm	ppbm	ppm	ppm	ppm	ppm	%	%	ppmm
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
STD DS8 Expected	13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

QUALITY CONTROL REPORT

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	1DX15	Cr ppm	Mg %	Ba ppm	Ti %	1DX15	1DX15	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	1DX15	1DX15
	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	1	0.01	1	0.001	1	0.01	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	5	1
STD DS8 Expected	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41				3	0.192	2.3	5.4	0.1679	4.7	5.23			
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1
BLK	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	<0.05	<1

APPENDIX E- SALT CLAIMS DUPLICATE SOIL DATA

Salt claims - 2011 duplicate soil data

Sample ID	DupSampleID	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Cd_ppm	Co_ppm	Cr_ppm	Hg_ppm
1160997	1160998	2.7	0.05	19.1	10.8	49	6	79	0.3	0.05	11	18	0.01
1160998	1160997	1.6	0.05	17.2	9.8	48	4.9	72	0.2	0.05	9.8	18	0.005
	rel dif %	51.163	0.000	10.468	9.709	2.062	20.183	9.272	40.000	0.000	11.538	0.000	66.667
1160948	1160949	0.8	0.05	20	11.7	52	11.6	116	0.3	0.2	10	15	0.02
1160949	1160948	0.7	0.1	22.6	13.7	53	13.3	132	0.3	0.1	10.9	16	0.02
	rel dif %	13.333	-66.667	-12.207	-15.748	-1.905	-13.655	-12.903	0.000	66.667	-8.612	-6.452	0.000
1160497	1160498	0.25	0.05	15	12.1	60	9.7	98	0.4	0.1	10.1	23	0.01
1160498	1160497	0.5	0.05	12.4	11.9	67	9.7	102	0.4	0.2	10.4	24	0.02
	rel dif %	-66.667	0.000	18.978	1.667	-11.024	0.000	-4.000	0.000	-66.667	-2.927	-4.255	-66.667
1160363	1160364	0.25	0.1	28.9	16.8	70	5.3	173	0.6	0.3	15.1	26	0.02
1160364	1160363	0.25	0.1	35.6	25	111	7	156	1	0.4	14.7	29	0.005
	rel dif %	0.000	0.000	-20.775	-39.234	-45.304	-27.642	10.334	-50.000	-28.571	2.685	-10.909	120.000
1160321	1160322	0.25	0.05	8.3	9.5	36	7	65	0.1	0.05	6.6	10	0.005
1160322	1160321	0.25	0.05	8	10.3	37	6.7	71	0.2	0.05	6.7	11	0.005
	rel dif %	0.000	0.000	3.681	-8.081	-2.740	4.380	-8.824	-66.667	0.000	-1.504	-9.524	0.000
1160258	1160259	0.25	0.05	10.2	8.3	39	6.6	66	0.2	0.1	6.7	11	0.005
1160259	1160258	0.7	0.05	10.4	8	38	6.8	68	0.3	0.1	6.8	10	0.005
	rel dif %	-94.737	0.000	-1.942	3.681	2.597	-2.985	-2.985	-40.000	0.000	-1.481	9.524	0.000
1160181	1160182	2.7	0.05	15	16.2	64	8.2	118	0.4	0.2	8.2	17	0.005
1160182	1160181	2.6	0.05	15	17.2	63	9.2	143	0.5	0.1	9.2	20	0.02
	rel dif %	3.774	0.000	0.000	-5.988	1.575	-11.494	-19.157	-22.222	66.667	-11.494	-16.216	-120.000

Salt claims - 2011 duplicate soil data

Sample ID	DupSampleID	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm
1160997	1160998	269	0.3	0.006	19.5	260	0.025	0.3	2.2	0.25	10	0.1	8
1160998	1160997	227	0.3	0.006	17.3	170	0.025	0.3	2.1	0.25	8	0.1	7.8
	rel dif %	16.935	0.000	0.000	11.957	41.860	0.000	0.000	4.651	0.000	22.222	0.000	2.532
1160948	1160949	280	0.8	0.012	19.2	360	0.025	0.3	2.1	0.25	17	0.1	7.4
1160949	1160948	289	0.7	0.011	20.4	380	0.025	0.4	2.4	0.25	18	0.1	7
	rel dif %	-3.163	13.333	8.696	-6.061	-5.405	0.000	-28.571	-13.333	0.000	-5.714	0.000	5.556
1160497	1160498	276	0.6	0.008	20.9	230	0.025	0.3	2.3	0.25	8	0.1	8.1
1160498	1160497	369	0.8	0.008	21.9	220	0.025	0.4	2.2	0.25	8	0.1	7.2
	rel dif %	-28.837	-28.571	0.000	-4.673	4.444	0.000	-28.571	4.444	0.000	0.000	0.000	11.765
1160363	1160364	1042	1.4	0.014	26.4	370	0.025	0.3	3.4	0.8	36	0.1	9
1160364	1160363	679	1.6	0.018	29.3	450	0.025	0.5	4.4	0.5	28	0.1	12.1
	rel dif %	42.185	-13.333	-25.000	-10.413	-19.512	0.000	-50.000	-25.641	46.154	25.000	0.000	-29.384
1160321	1160322	252	0.6	0.007	11.7	240	0.025	0.3	1.2	0.25	7	0.1	5.4
1160322	1160321	249	0.6	0.007	10.8	260	0.025	0.3	1.4	0.25	7	0.1	5.4
	rel dif %	1.198	0.000	0.000	8.000	-8.000	0.000	0.000	-15.385	0.000	0.000	0.000	0.000
1160258	1160259	260	0.4	0.009	11.8	550	0.025	0.3	1.5	0.25	13	0.1	5.2
1160259	1160258	264	0.4	0.009	11.5	550	0.025	0.3	1.4	0.25	13	0.1	5.2
	rel dif %	-1.527	0.000	0.000	2.575	0.000	0.000	0.000	6.897	0.000	0.000	0.000	0.000
1160181	1160182	278	0.5	0.009	19.5	440	0.025	0.5	2.2	0.25	8	0.1	8.4
1160182	1160181	325	0.6	0.009	20.7	310	0.025	0.5	2.8	0.25	8	0.1	9
	rel dif %	-15.589	-18.182	0.000	-5.970	34.667	0.000	0.000	-24.000	0.000	0.000	0.000	-6.897

Sample ID	DupSampleID	Ti_pct	Ti_ppm	V_ppm	W_ppm
1160997	1160998	0.033	0.1	23	0.3
1160998	1160997	0.032	0.1	25	0.2
	rel dif %	3.077	0.000	-8.333	40.000
1160948	1160949	0.035	0.1	25	0.3
1160949	1160948	0.027	0.1	26	0.4
	rel dif %	25.806	0.000	-3.922	-28.571
1160497	1160498	0.042	0.1	37	0.3
1160498	1160497	0.042	0.1	38	0.4
	rel dif %	0.000	0.000	-2.667	-28.571
1160363	1160364	0.052	0.1	34	0.3
1160364	1160363	0.076	0.2	41	0.4
	rel dif %	-37.500	-66.667	-18.667	-28.571
1160321	1160322	0.03	0.05	21	0.4
1160322	1160321	0.031	0.05	23	0.4
	rel dif %	-3.279	0.000	-9.091	0.000
1160258	1160259	0.032	0.05	20	0.3
1160259	1160258	0.031	0.1	19	0.3
	rel dif %	3.175	-66.667	5.128	0.000
1160181	1160182	0.044	0.1	26	0.6
1160182	1160181	0.049	0.2	31	0.5
	rel dif %	-10.753	-66.667	-17.544	18.182

APPENDIX F- STATEMENT OF EXPENDITURES

Redtail Metals- Salt claims
Statement of Expenditures

October 17 2011

	Salt total
Contract geochemical survey	\$26,312.85
Helicopter	\$11,660.66
Acme Labs Soil Assays	\$6,410.24
Report	<u>\$2,500.00</u>
total	\$46,883.75

total number of samples: 320

Signed:

Danièle Héon B.Sc, P.Geo.

Senior Geologist
Redtail Metals Corp.