



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Geochemical Report on the Dartt Lake Property

TOTAL COST: \$25,740.00

AUTHOR(S): Kory Dumas, Darren L. O'Brien
SIGNATURE(S): "Kory Dumas", "Darren L. O'Brien"

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5420240 / Dec 5th, 2012

YEAR OF WORK: 2012

PROPERTY NAME: Dartt Lake

CLAIM NAME(S) (on which work was done): Dartt Lake 1 (832539; Dartt Lake 2 (832541); Dartt Lake 3 (841514); Dartt Lake 4 (841515)

COMMODITIES SOUGHT: Cu-Au-Mo

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Nicola

NTS / BCGS: 0921/07 ; 0921/027, 0921/037

LATITUDE: _____ 50 _____ ° _____ 30 _____ ' _____ 17 _____ "

LONGITUDE: _____ -120 _____ ° _____ 67 _____ ' _____ 24 _____ " (at centre of work)

UTM Zone: 10 EASTING: 665,764 NORTHING: 5,574,970

OWNER(S): BCGold Corp

MAILING ADDRESS: 520 – 800 West Pender St
Vancouver, BC V6C 2V6

OPERATOR(S) [who paid for the work]: BCGold Corp

MAILING ADDRESS: same as above

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)
geochemical, copper, gold, Nicola Group, Upper Triassic, Intermontane Belt, Quesnel Terrane, MMI, soil

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 32569

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	204 MMI soil samples	832539; 832541; 841514; 841515	\$25,740.00
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	\$25,740.00

Geochemical Report on the Dartt Lake Property

Dartt Lake 1 (832539), Dartt Lake 2 (832541),
Dartt Lake 3 (841514), Dartt Lake 4 (841515)
Nicola Mining Division
British Columbia

NTS 0921/07
BCGS 0921/027, 037

**BC Geological Survey
Assessment Report
33980**

50°30'17" N Latitude/ 120°67'24" W Longitude
UTM Zone 10 NAD 83: 665,764 m East and 5,574,970 m North

**Owner:
BCGold Corp.
Suite 520 – 800 West Pender Street
Vancouver, British Columbia
Canada V6C 2V6**

Kory Dumas
January 30, 2013

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Introduction

The Dartt Lake property is a Cu±Au±Mo porphyry target. It was staked by BCGold Corp. in response to favourable geological, geochemical and geophysical work performed by Geoscience BC, BC Geological Survey and the Geological Survey of Canada. Specifically, the Quest South project conducted by Geoscience BC over an area of 130,000 square kilometers from Williams Lake to the USA border (Jackaman, 2010). The objective of the project was to encourage exploration in under explored areas with extensive glacial overburden. New studies into the nature and distribution of the young volcanic sequences in the Interior have indicated that the young Miocene to Pleistocene Chilcotin Group basalts are thinner and less continuous than originally thought. The Chilcotin Group and other young (post mineral) volcanic succession that were originally interpreted as flood or plateau basalt have now been interpreted as valley filling lavas, with more limited and thinner extent in the surrounding areas (Lustig, Quesnel Generative Mar1-11 Draft, 2011). This report discusses the follow up work conducted by BCGold Corp which consisted of step-out and infill MMI sampling consisting of 204 samples collected. The goal of the work conducted was to further test areas of interest generated from the 2010 sampling program, as well as to cover more ground.

Location and Description

The property is located in the Nicola Mining District approximately 22 kilometres north northeast of Merritt, and 50 kilometres south southwest of Kamloops on the NTS map sheets 092I/07 and BCGS map sheets 092I/027, and 037 (figure 1). The geographic coordinates at the centre of the property are 50°30'17" N Latitude/ 120°67'24" W Longitude or UTM Zone 10 NAD 83: 665,764 m East and 5,574,970 m North.

The property consists of four claim blocks with a total combined area of 1589.2 hectares (figure 2). Claims status was searched on the British Columbia Energy and Mines, Mineral Titles Online BC (MTO) website. Table 1 summarizes the claims and current status.

Table 1: Dartt Lake Property Tenure Information

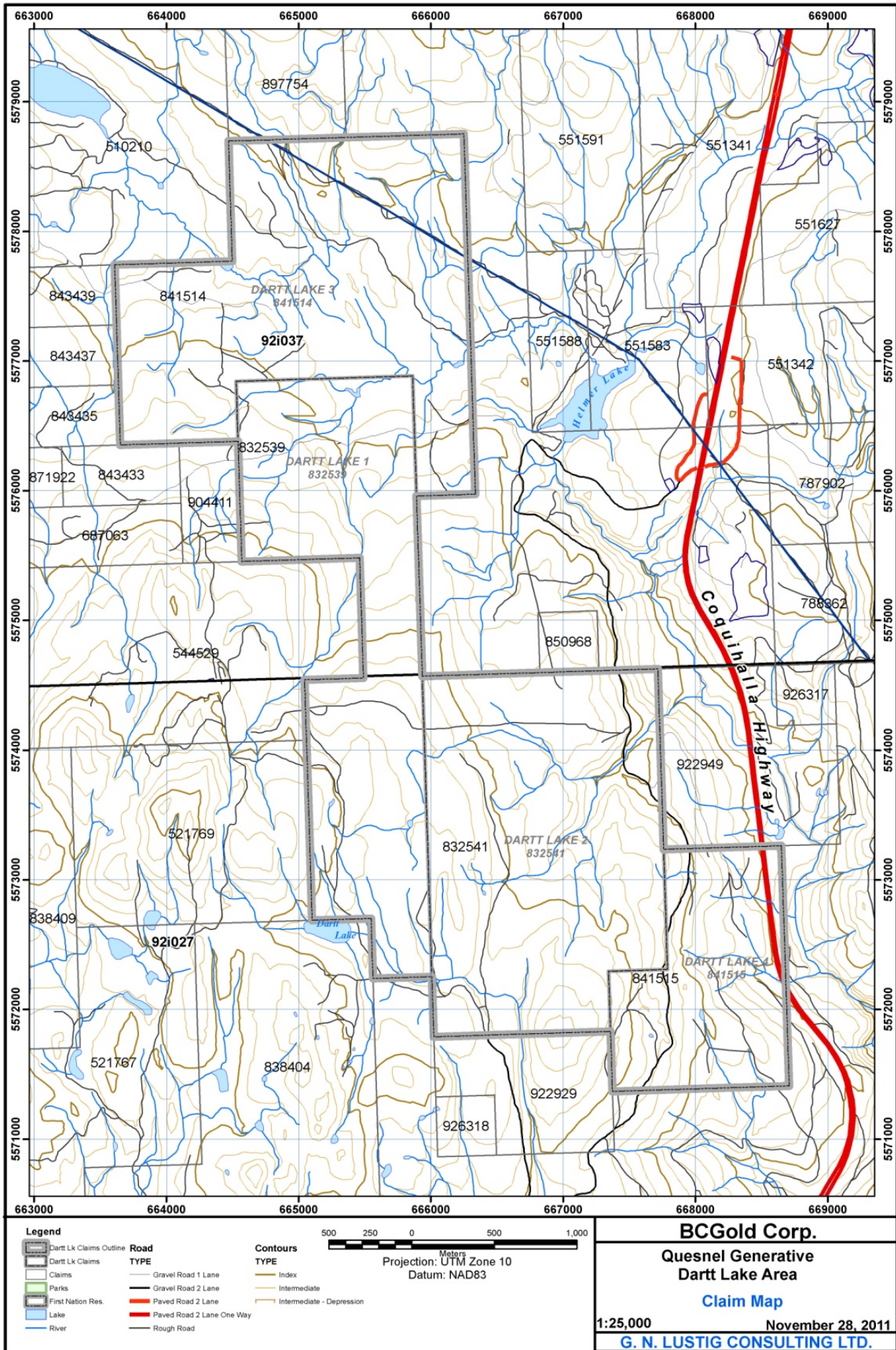
Tenure Number	Type	Claim Name	Good Until	Area (ha)
832539	Mineral	DARTT LAKE 1	20140901	412.8
832541	Mineral	DARTT LAKE 2	20140901	474.8
841514	Mineral	DARTT LAKE 3	20111221	495.1
841515	Mineral	DARTT LAKE 4	20111221	206.5
				1589.2

Dartt Lake Location Map



Figure 1: Dartt Lake Location Map

Figure 2: Dartt Lake Claim Map



Access, Topography, Vegetation and Climate

Access

Access to the property is from the Coquihalla highway (Hwy No5) from the Helmer Lake exit which is about 23 kilometres north of Merritt. The claims are directly to the west of the highway and approximately 280 road-kilometres from Vancouver. The nearest mining operation is Teck's Highland Valley Copper mine which produced 98,500 tonnes of copper and 6.9 million pounds of molybdenum in 2010 (Highland Valley Copper Operating Results, 2011)

Topography, Vegetation and Climate

The Dartt Lake claims are located in central part of the Thompson Plateau. The claim area and surrounding region can be characterized by steep sides and rolling upland surface (Ecoregion Unit Descriptions, 2011). This area was heavily glaciated causing rearrangement of major drainages and rivers. The rivers and major lakes are surrounded by typical kame terraces of fine glacial lacustrine materials. Glacial movement was southward across the Thompson valley (Ecoregion Unit Descriptions, 2011).

The vegetation in this area is dominated by lodgepole pine with a few interspersed spruces. The undergrowth is commonly pinegrass, feathermosses and twinflower.

The Coast Mountains create a rain shadow which is responsible for the warm dry climate of the southern Interior during the summer months. In Merritt the mean temperature in January is -7.7 °C and the mean temperature in July is 17.5 °C. During May to September precipitation can average near 90.7 mm while the annual precipitation is around 254.4 mm.

Exploration History

Precious metals bearing veins were discovered near Stump Lake in 1980's (Meyers & Hubner, 1990). Most of the work in this area has been focused on the minfile showings that occur to the east and west of the property. The following is a record of the known historic work on the Dartt Lake claims.

1973: Noranda Exploration Company, Limited optioned the claims from E.O. Chisholm and conducted an induced polarization and resistivity survey. The survey resulted in one significant anomaly and investigation by diamond drill hole was recommended (Walker, 1973).

1981: Cominco Ltd. focused on geological mapping, soil sampling (Cu, Mo) and an induced polarization (IP) survey on the Helmer Group. The IP survey carried out in 1978 (Scott, 1978) resulted in an IP anomaly which was tested by percussion drilling. Mineralization encountered was sub-marginal (Brauset, 1981).

2004: Gitennes Exploration Inc. conducted geological mapping, VLF-EM resistivity and MMI™ soil sampling surveys. Gitennes found that lithologies correlated well with airborne magnetics. MMI™ results show an increase in strength towards Clapperton Creek and subparallel to an interpreted fault along Cola Creek (Foster, 2004). Two other targets, one in the northern part of the claims and the other a gold arsenic anomaly were also recognized.

2010: BCGold Corp. completed a first pass soil geochemical survey using SGS Laboratories' MMI analytical technique.

Geological Setting

Regional Setting

The regional geological setting is summarized after (Moore, 1989). The Dartt Lake property lies within the Intermontane Belt which is comprised of the Quesnellia, Bridge River, Methow, Shuksan and Cache Creek terranes as well as undifferentiated Post Terrane Accretion Overlap Assemblages (Banfield & Mountjoy, 1991). The Late Triassic to Early Jurassic Guichon Creek Batholith, which hosts large Cu-Mo porphyry deposits, occurs to the west of the claims.

The area of focus lies within the Western Belt of the Nicola Group, comprising primarily calc-alkaline arc volcanic rocks (Preto, 1979). It is bordered on the west by the Late Triassic to Early Jurassic Guichon Creek batholith (McMillan, Geology of the Guichon Creek Batholith and Highland Valley Porphyry District, 1978) and on the east by the Nicola horst. The Nicola horst comprises Nicola Group rocks, sedimentary rocks of unknown age, tonalite and tonalite porphyry, all strongly deformed, metamorphosed to low amphibolite facies and intruded by granitoid rocks ranging in age from at least Early Jurassic to Paleocene. It is separated by normal faults from surrounding Nicola Group rocks that are sub-greenschist and greenschist grade and lack penetrative deformation. The Swakum Mountain rocks exhibit continuity with Nicola Group units mapped to the south (McMillan, Nicola Project: Merritt Area, 1981) but may be separated by a northwest trending fault from those to the north on Mount Guichon (figure 3).

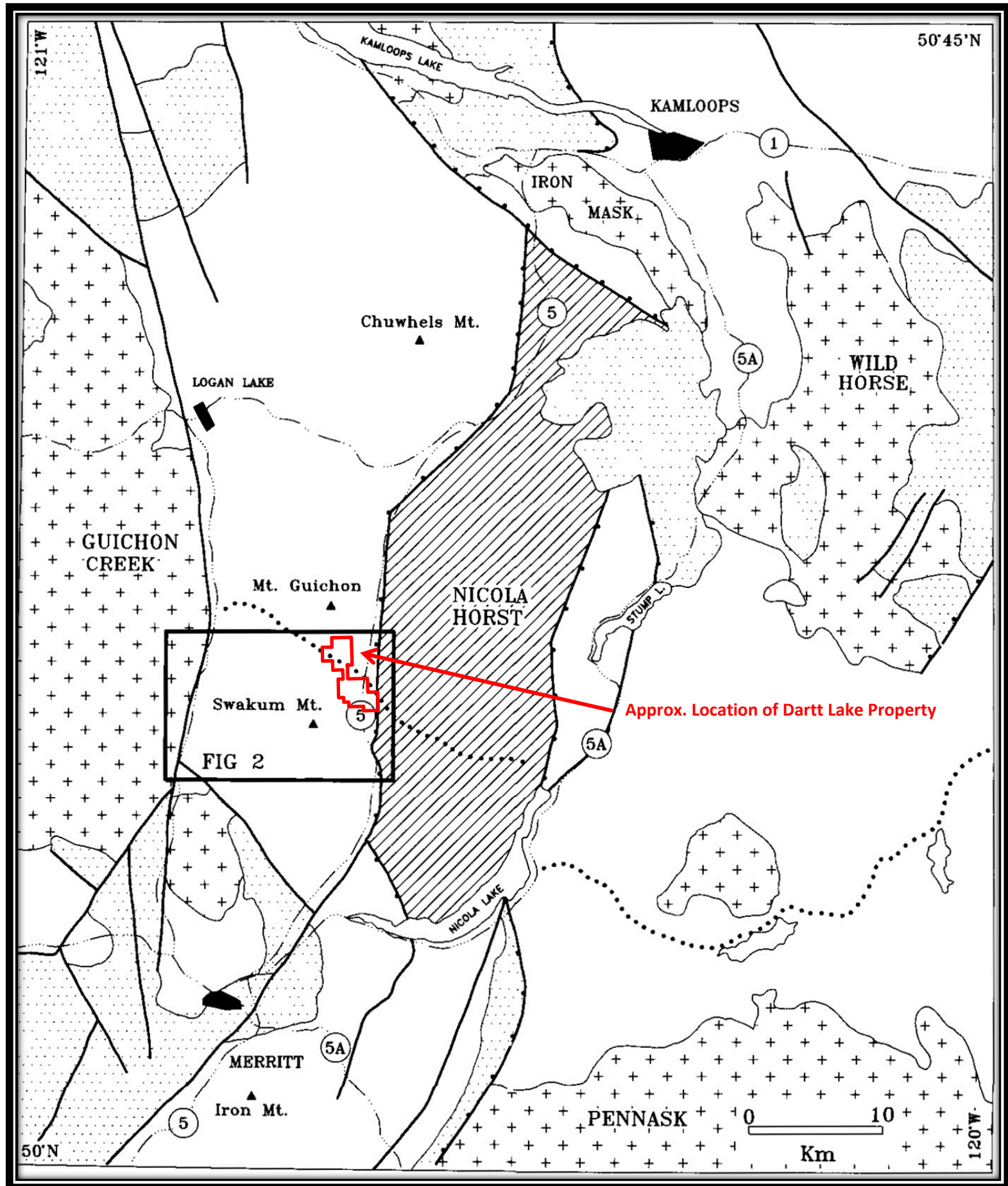
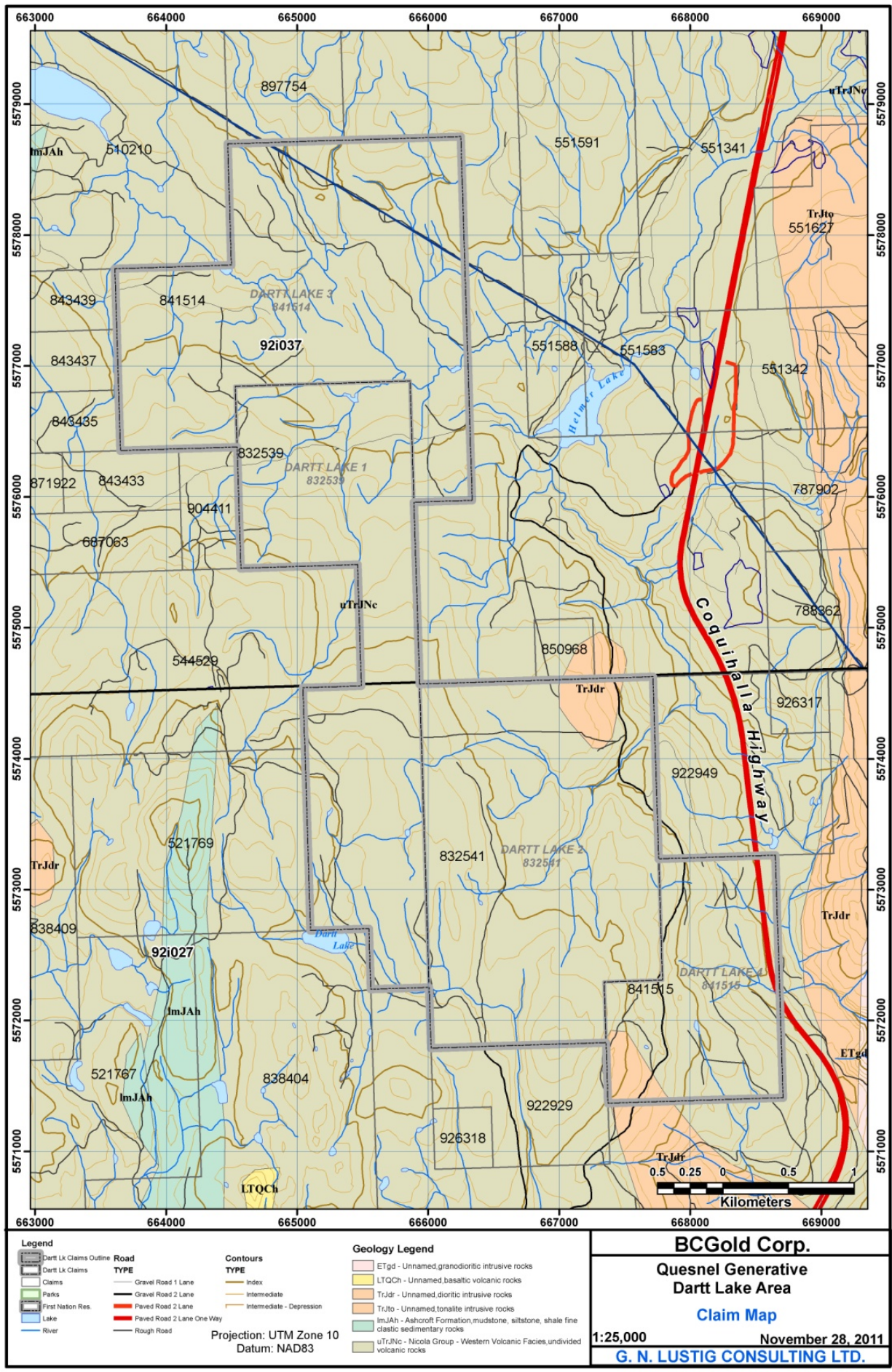


Figure 3: Location and access map of Swakum Mountain Area. Nicola Group and minor pre-Nicola stratified rocks are unpatterned; undifferentiated igneous and metamorphic rocks of the Nicola horst are hatched. Crosses: Late Triassic-Jurassic plutons, with names of batholiths. Stipple: post-Nicola volcanic and sedimentary rocks. Heavy lines are faults with dots on downthrown side. Main roads are also shown. Modified after (Moore, 1989).

Figure 4: Dartt Lake Property Geology Map



Legend		Contours		Geology Legend	
	Dartt Lk Claims Outline		Index		ETgd - Unnamed, granodioritic intrusive rocks
	Dartt Lk Claims		Intermediate		LTQCh - Unnamed, basaltic volcanic rocks
	Claims		Intermediate - Depression		TrJdr - Unnamed, dioritic intrusive rocks
	Parks				Trto - Unnamed, tonalite intrusive rocks
	First Nation Res.				ImJAh - Ashcroft Formation, mudstone, siltstone, shale fine clastic sedimentary rocks
	Lake				uTrJNc - Nicola Group - Western Volcanic Facies, undivided volcanic rocks
	River				
	Road				
	Gravel Road 1 Lane				
	Gravel Road 2 Lane				
	Paved Road 2 Lane				
	Paved Road 2 Lane One Way				
	Rough Road				

BCGold Corp.
Quesnel Generative
Dartt Lake Area
Claim Map
 1:25,000 November 28, 2011
G. N. LUSTIG CONSULTING LTD.

Projection: UTM Zone 10
Datum: NAD83

Property Geology

The property is underlain by the western facies of the Upper Nicola Group (figure 4). This facies consists of calc-alkaline volcanic rocks and lesser epiclastic rocks, and is remarkable for the appearance of intermediate to felsic volcanic centers, such as that found at Iron Mountain southeast of Merritt (Preto, 1979). Mafic to intermediate Nicola volcanic rocks have fine-grained aphanitic matrices with abundant chlorite + epidote + calcite, commonly as fracture and vein fillings and less commonly as replacements of phenocrysts, matrix or clasts (Foster, 2004). Colour is usually dark green. The volcanics are generally massive to weakly foliated, with little or no primary structures visible.

Intruding the volcanics is one or more Late Triassic to Early Jurassic dioritic intrusive rocks, which form a distinctive composite magnetic high (Foster, 2004).

2012 Exploration Program

The exploration program carried out in 2012 consisted of infill and expansion MMI soil sampling, continuing work on the grid that was established in the 2010 season. There were two goals for the 2012 program: to further define the anomalous Au-Ag-As-Pb-Zn target generated from the 2010 sampling program located on the southern claim blocks, and to complete step-out sampling in an attempt to further define the property and extend targets. A total of 204 MMI soil samples were taken.

Step out sampling was completed on the north end of the property, as well as in the SE corner of the property. Step-out sampling was completed on a 200 X 500 m grid. Infill sampling was completed over the Au-Ag-As-Pb-Zn anomaly defined in the 2010 work, and brought the sample spacing in this area down to 100 X 250 m. Work on the property was carried out from May 18th to May 24th, 2012, inclusive. The sampling was carried out by a 4 person crew, supervised by Kory Dumas.

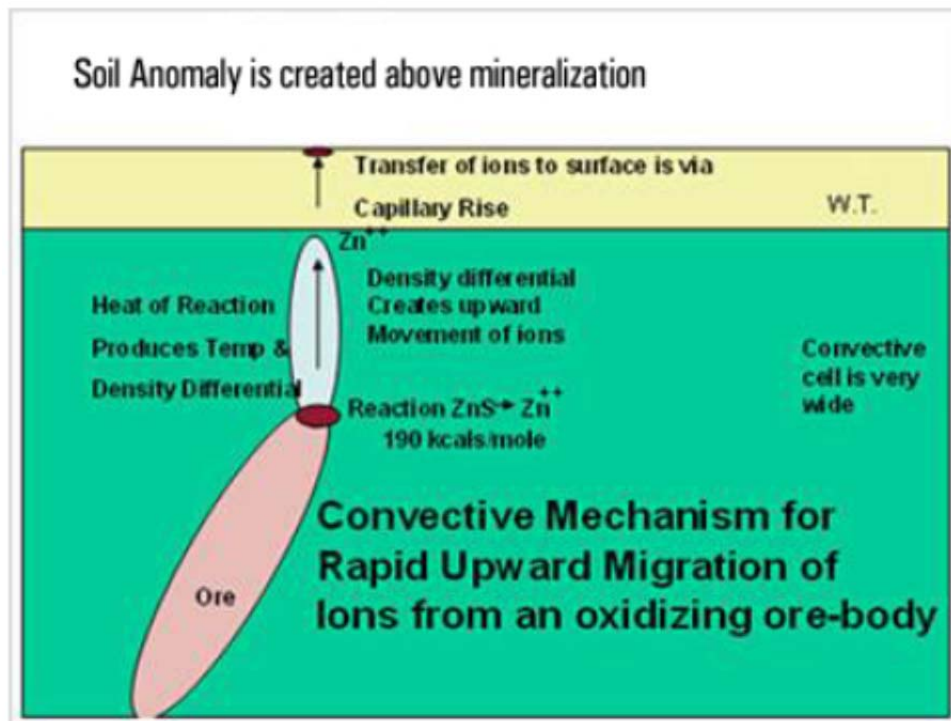
Method

The MMI™ method is a proprietary analytical method owned by SGS which is based on a weak leach to detect anomalous concentrations of metals that have migrated from buried mineralization into the surface environment. Following is a description of the method theory from the SGS web site (<http://www.geochem.sgs.com/mmitheory.htm>):

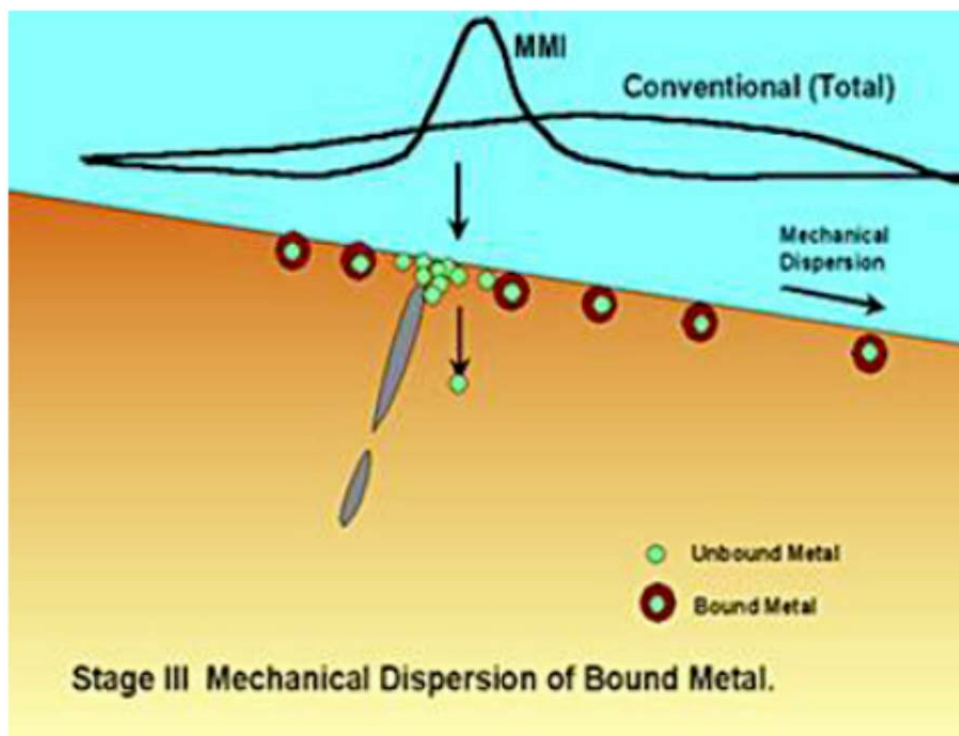
“Mobile Metal Ions is a term used to describe ions which have moved in the weathering zone and that are only weakly or loosely adsorbed by surface soil particles. It has now been proven in a CAMIRO study using Pb isotopes that these Mobile Metal

Ions are transported from deeply buried ore bodies to the surface. Scientists from around the world have been studying this phenomenon for many years.

Convection, electrochemistry, diffusion, capillary rise and seismic pumping are some of the theories which have been put forward. However, research and case studies over known ore bodies have shown that mobile metal ions accumulate in surface soils above mineralization, indicating that the metals are derived from oxidation of the mineralization source. Capillary rise is thought to be a very important process in the near surface environment (above the water table) which is responsible for maintenance of anomalies. The diagram below demonstrates a hypothetical model by which mobile ions are released from ore bodies through a convective mechanism, migrate vertically and accumulate in surface soils.



As the ions reach the surface, they attach themselves weakly (adsorb) to the soil particles. These are the ions that are measured by the MMI™ technique to find mineralization at depths. The weakly attached ions are at very low concentrations. Because the ions have recently arrived to the surface they provide a precise 'signal' directly above the ore bodies.



When the mobile metal ions have arrived at the surface they have a limited lifetime as 'mobile' ions. At the surface the ions are subject to weathering and are bound up by soil forming processes (i.e. they become part of the soil). The diagram below demonstrates this process. Note that bound ions are subject to lateral movement away from the mineralization. The mobile ions, however, do not move away from the source (mineralization) because they have a limited lifetime before they are converted to a bound form.

By only measuring the mobile metal ions in the surface soils, MMI™ geochemistry will produce very sharp responses (anomalies) directly over the source of mobile ions, as seen below. This source is orebodies at depth, which emit metal ions, which make up that ore body. For example a Cu, Pb, Zn base metal deposit will emit (release) Cu, Pb and Zn ions."

The samples were collected from a standard depth of 10 cm to 25 cm, the standard procedure for MMI™ samples, rather than sampling a specific soil horizon. Samples were collected using a shovel and trowel, with samples placed in zip-lock plastic bags.

Sample Preparation and Analysis

There is no specific sample preparation for the MMI™ analyses prior to leaching. The method employed on the Dartt Lake property is the MMI-M method which is suited to multielement analyses. Measurement is by ICP-MS for 53

elements including: Ag, Al, As, Au, Ba, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Hg, In, K, La, Li, Mg, Mn, Mo, Nb, Nd, Ni, P, Pb, Pd, Pr, Pt, Rb, Sb, Sc, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, U, W, Y, Yb, Zn and Zr.

Results

Analytical results were received directly from SGS and merged with field location and sample descriptions recorded in the field and stored in Excel files. Following a review of the data, a number of elements were singled out for visualization based on congruent anomalous responses. Maps showing the assay values of the elements discussed below are included in Appendix I.

Gold

Gold values returned are generally low, though this can be expected with a weak leach such as MMI in an environment largely obscured by glacial overburden. Weakly anomalous values were returned from the majority of the southern portion of the property, with the highest value being 1.7 ppb.

Silver

Anomalous silver values were returned from the majority of the southern portion of the property, with strong clustering of higher anomalous values in the SW corner. Values as high as 389 ppb were returned from this area.

Copper

Copper values as high as 10,200 ppb were returned from the southern portion of the property, which shows a loose clustering of anomalous values in the SE corner.

Molybdenum

Molybdenum values show a weak, loose anomalous cluster in the SW corner of the property. There is also a tight, highly anomalous cluster of molybdenum values in the northern portion of the property, with values ranging as high as 151 ppb.

Arsenic

Arsenic values are a weakly anomalous and clustered in the SW corner, with anomalous values in the 10-30 ppb range.

Lead

A large, fairly coherent cluster of anomalous lead values was returned for the SW corner of the property, with values as high as 6,510 ppb.

Antimony

Antimony values were below detection limits for the majority of the property, with a strong cluster of anomalous values (2-3 ppb) in the SW corner.

Bismuth

Bismuth values were below detection limits for the majority of the property, with a loose cluster of anomalous values (1-2 ppb) in the SW corner of the property.

Conclusions

In environments such as the Dartt Lake area that are dominated by transported cover material, silver often acts as a proxy for gold in MMI sampling. The strong Ag-Pb-As-Sb anomaly located in the SW corner of the property, coupled with the coincident Au-Cu anomaly in the SE, suggest the possibility of buried mineralization in the southern portion of the property.

Recommendations

The existing soil sampling should be augmented with infill sampling, at least in the SW portion of the property, bringing the sampling grid down to dimensions of 50 X 50 m. Furthermore, a geophysical survey consisting of magnetic and IP analysis should be conducted to attempt to map the geology at depth, and determine if any of the geochemical anomalies are congruent with any recognizable geological features defined by the geophysics.

Statement of Expenditures

Assays	Description	Samples	Cost/Samp.	Total
SGS Laboratories	MMI-M	204	\$36.75	\$7,497.00
Consultants	Days		Cost/Day	Total
Kory Dumas	12: May 17-24, 2012; Jan. 22-25, 2013		\$450.00	\$5,400.00
Darren O'Brien	1: Jan. 25, 2013		\$650.00	\$650.00
Sadie Hodson	7: May 18 – 24, 2012		\$350.00	\$2,450.00
Nathan Kinmont	7: May 18 – 24, 2012		\$275.00	\$1,925.00
Matt Watkins	7: May 18 – 24, 2012		\$325.00	\$2,275.00
Field Work	Description			Total
Field Supplies				\$780.00
Equip. rental				\$1,141.00
Accommodation	6 nights; May 18 – 23, 2012			\$1,253.00
Food				\$1,743.00
Transport/gas				\$626.00
TOTAL				\$25,740.00

Statement of Qualifications

I, Darren L. O'Brien of 3649 – 153 Street, Surrey in the Province of British Columbia, certify that:

1. I am registered as a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA), and the Association of Professional Engineers and Geoscientists of the Province of British Columbia (APEGBC).
2. I am a graduate of the University of Alberta (1993) and hold a B.Sc. Degree (Specialization) in Geology.
3. I have worked in my profession as a Geologist since 1993, both as an employee of a major mining company and as a consultant. Places that I have worked include Canada, USA, Central Asia and the Caribbean.
4. I am currently consulting to BCGold Corp. and hold the position of Vice President of Exploration. My responsibilities include generating exploration projects for the company and quality control for advanced stage projects.
5. This report is based upon data collected during field work completed in May 2012 on the Dartt Lake property.
6. I was not directly involved in the soil sampling program described in this report but have reviewed and approved of the program and conclusions.
7. I hold no interest in the Dartt Lake property. I am a shareholder of BCGold Corp. I am a member of the Stock Option Plan and my options have been registered with SEDI.

Dated this 30th day of January, 2013 at Vancouver, BC, Canada.

Darren L. O'Brien, P.Geo

I, Kory Dumas hereby certify that:

1. I reside at 2331 Chickadee Rd, Denman Island, BC, V0R 1T0
2. I have a Bachelor of Science Degree in Earth and Ocean Sciences from the University of British Columbia (2005), Vancouver, BC, Canada.
3. I have practiced my profession continuously since 2006 and have worked on exploration projects in British Columbia, Ontario, Nunavut and the Yukon Territory.
4. I am a consultant employed by BCGold Corp. with offices at 520 – 800 West Pender Street, Vancouver, BC, Canada, V6C 2V6
5. I am the author of the assessment report titled Geochemical Report on the Dartt Lake Property. I was responsible for carrying out the soil sampling, compiling the data, and aided in the interpretation of results.
6. I hold no interest in the Dartt Lake property, nor am I a shareholder in BCGold Corp.

Dated this 30th of January, 2013, Vancouver, BC

Kory Dumas, B.Sc

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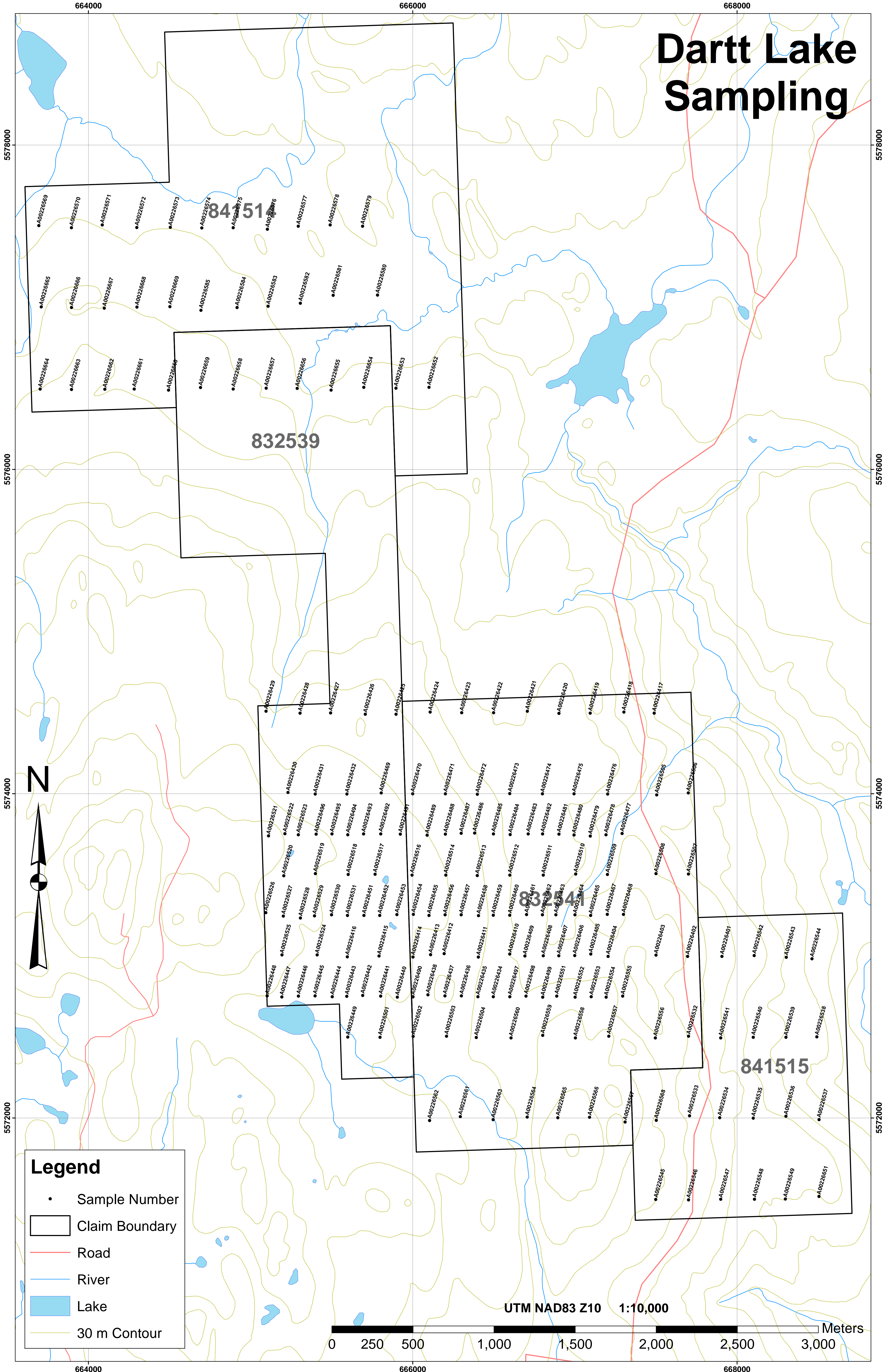
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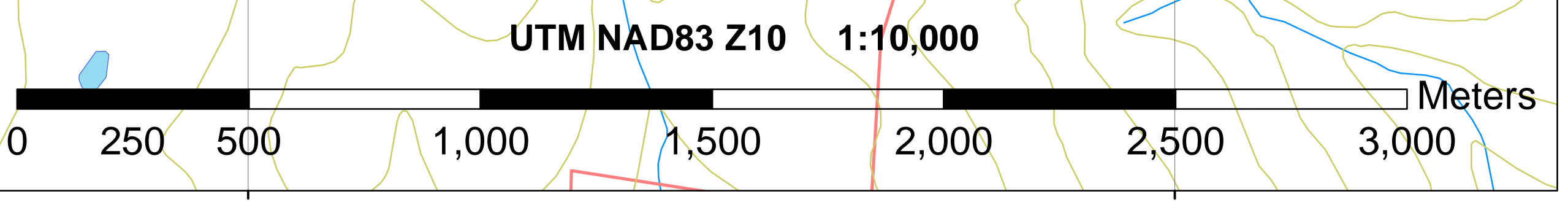
Appendix I: Sampling Maps for Selected Elements

Dartt Lake Sampling

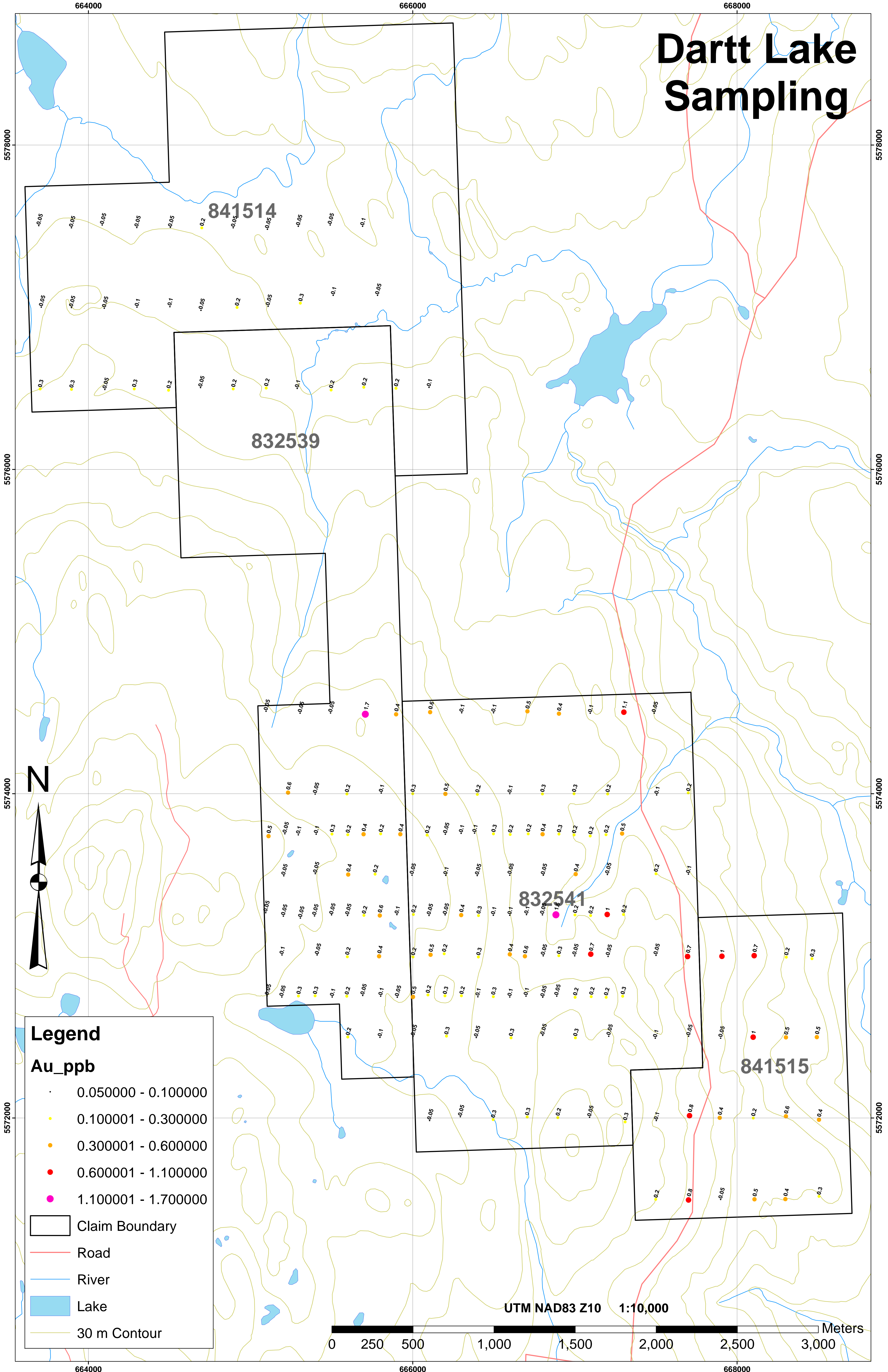


Legend

- Sample Number
- Claim Boundary
- Road
- River
- Lake
- 30 m Contour



Dartt Lake Sampling



841514

832539

832541

841515

Legend

Au_ppb

- 0.050000 - 0.100000
- 0.100001 - 0.300000
- 0.300001 - 0.600000
- 0.600001 - 1.100000
- 1.100001 - 1.700000

Claim Boundary

Road

River

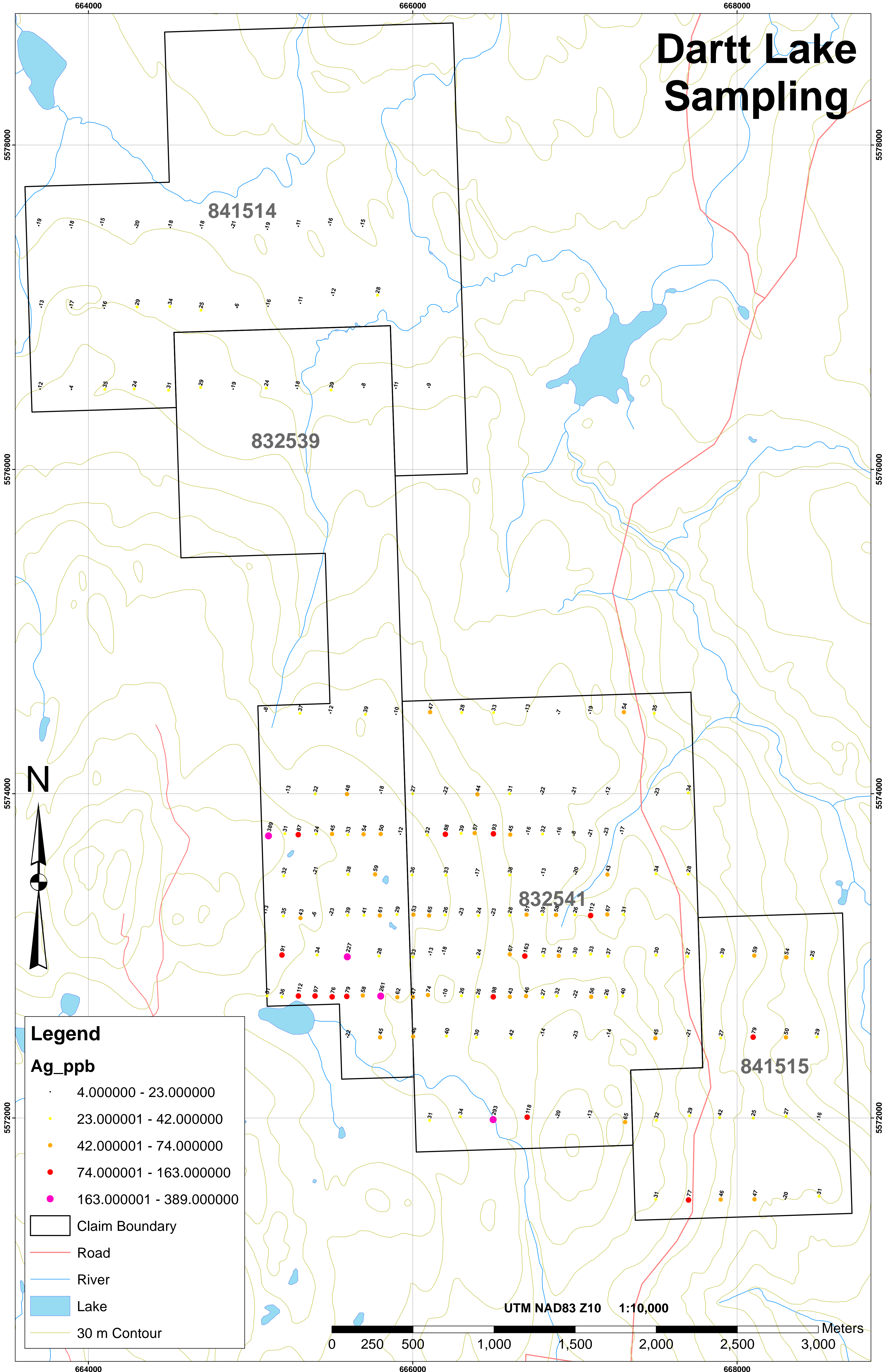
Lake

30 m Contour

UTM NAD83 Z10 1:10,000

0 250 500 1,000 1,500 2,000 2,500 3,000 Meters

Dartt Lake Sampling

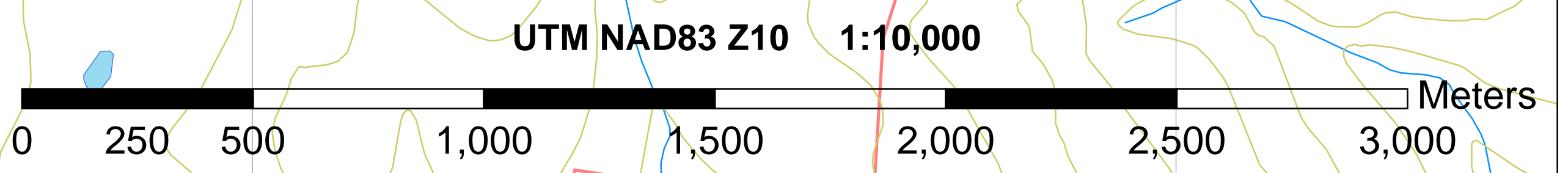


Legend

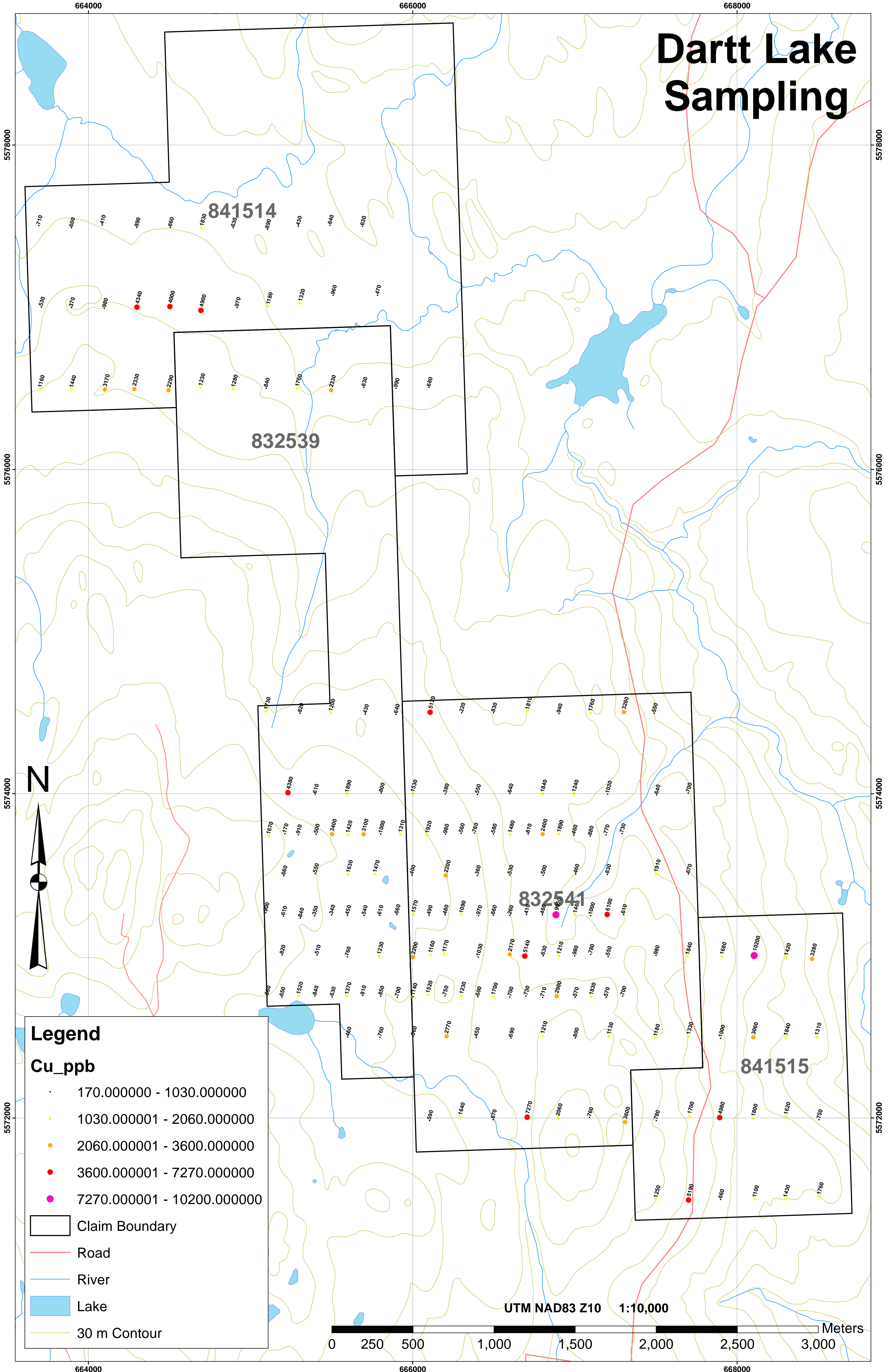
Ag_ppb

- 4.000000 - 23.000000
- 23.000001 - 42.000000
- 42.000001 - 74.000000
- 74.000001 - 163.000000
- 163.000001 - 389.000000

- Claim Boundary
- Road
- River
- Lake
- 30 m Contour



Dartt Lake Sampling



Legend

Cu_ppb

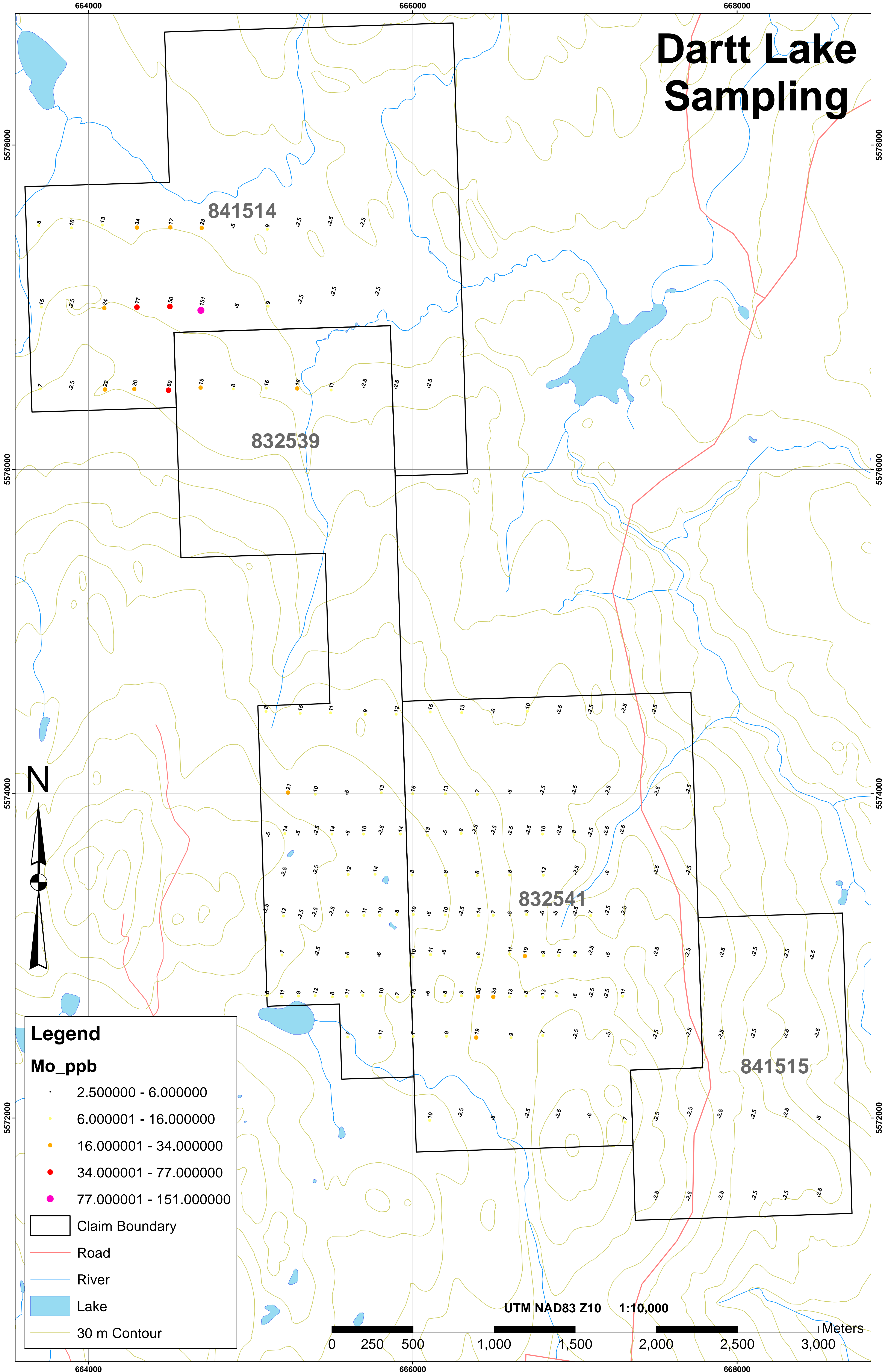
- 170.000000 - 1030.000000
- 1030.000001 - 2060.000000
- 2060.000001 - 3600.000000
- 3600.000001 - 7270.000000
- 7270.000001 - 10200.000000

- Claim Boundary
- Road
- River
- Lake
- 30 m Contour

UTM NAD83 Z10 1:10,000

0 250 500 1,000 1,500 2,000 2,500 3,000 Meters

Dartt Lake Sampling



Legend

Mo_ppb

- 2.500000 - 6.000000
- 6.000001 - 16.000000
- 16.000001 - 34.000000
- 34.000001 - 77.000000
- 77.000001 - 151.000000

Claim Boundary

Road

River

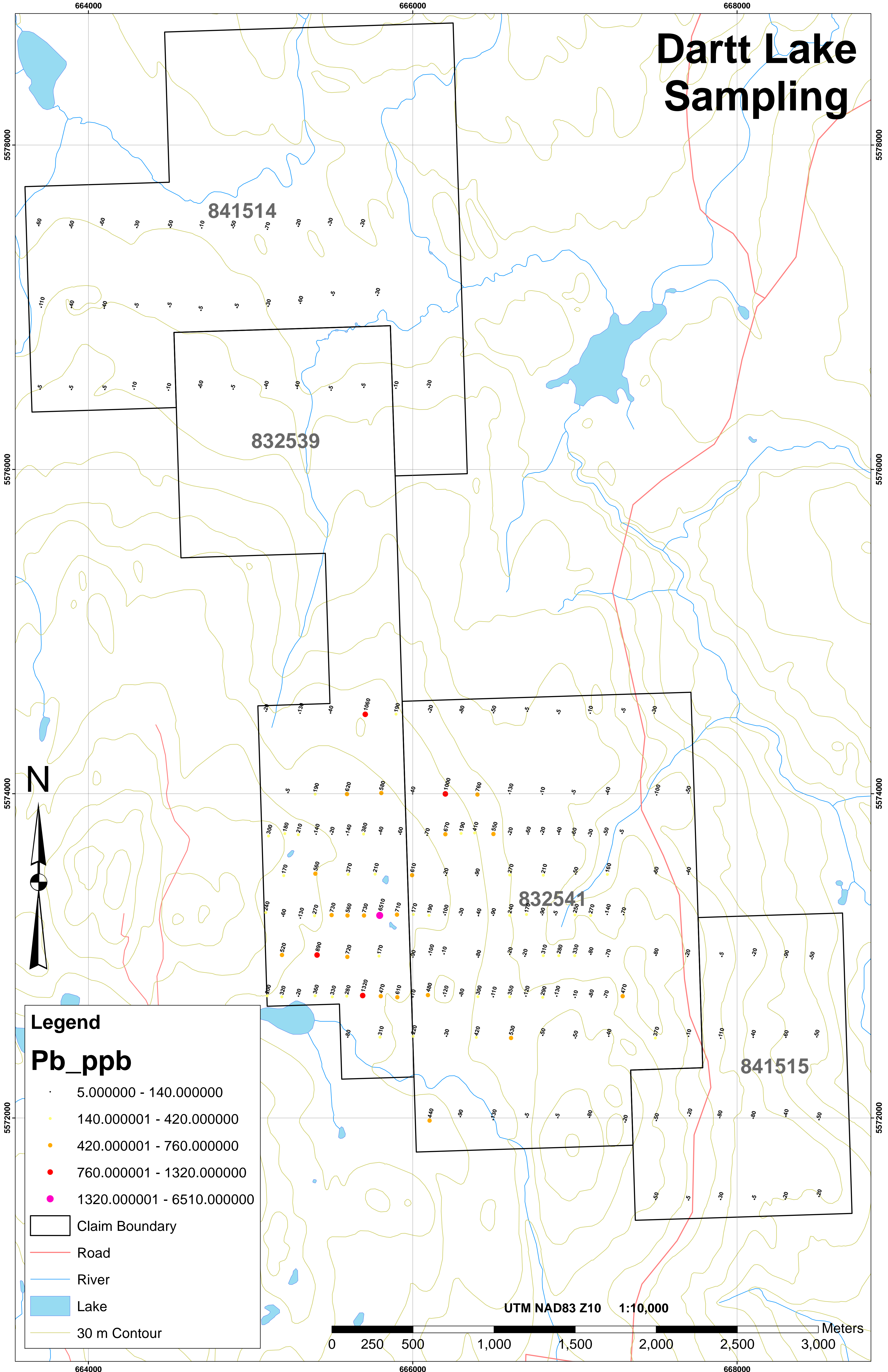
Lake

30 m Contour

UTM NAD83 Z10 1:10,000

0 250 500 1,000 1,500 2,000 2,500 3,000 Meters

Dartt Lake Sampling



841514

832539

832541

841515

Legend

Pb_ppb

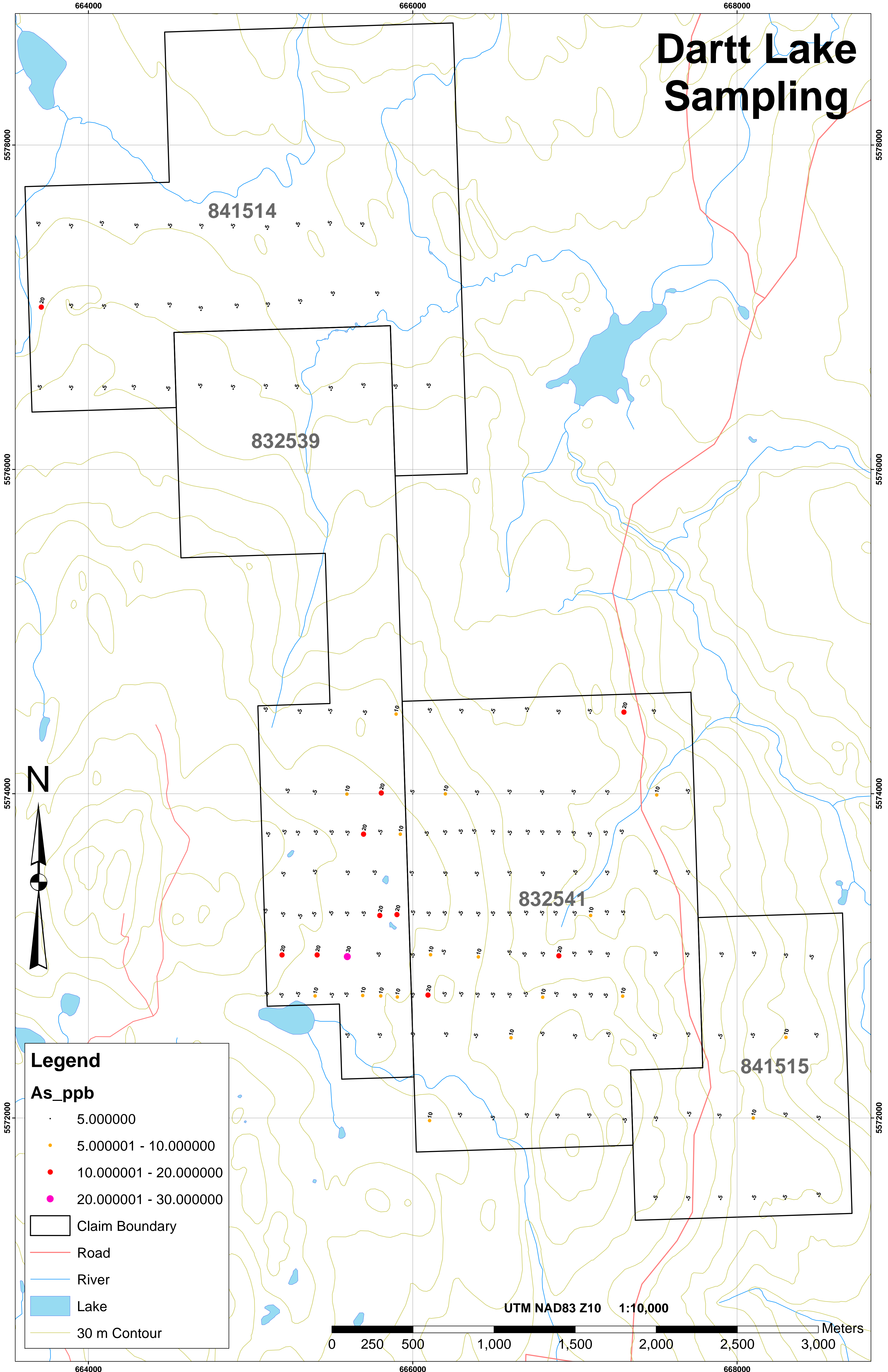
- 5.000000 - 140.000000
- 140.000001 - 420.000000
- 420.000001 - 760.000000
- 760.000001 - 1320.000000
- 1320.000001 - 6510.000000

- Claim Boundary
- Road
- River
- Lake
- 30 m Contour

UTM NAD83 Z10 1:10,000

0 250 500 1,000 1,500 2,000 2,500 3,000 Meters

Dartt Lake Sampling

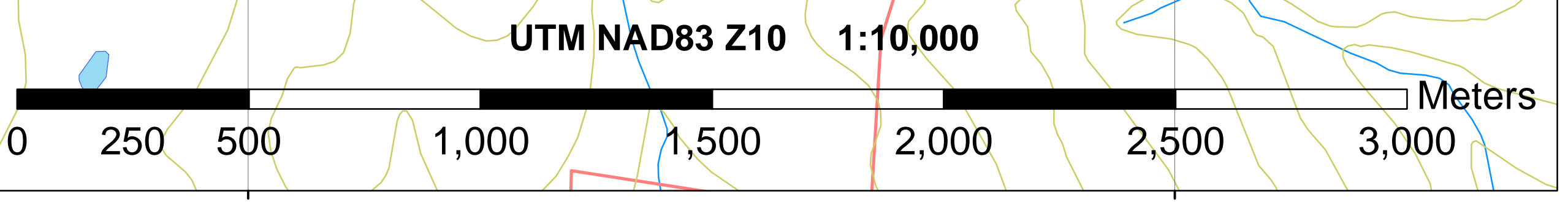


Legend

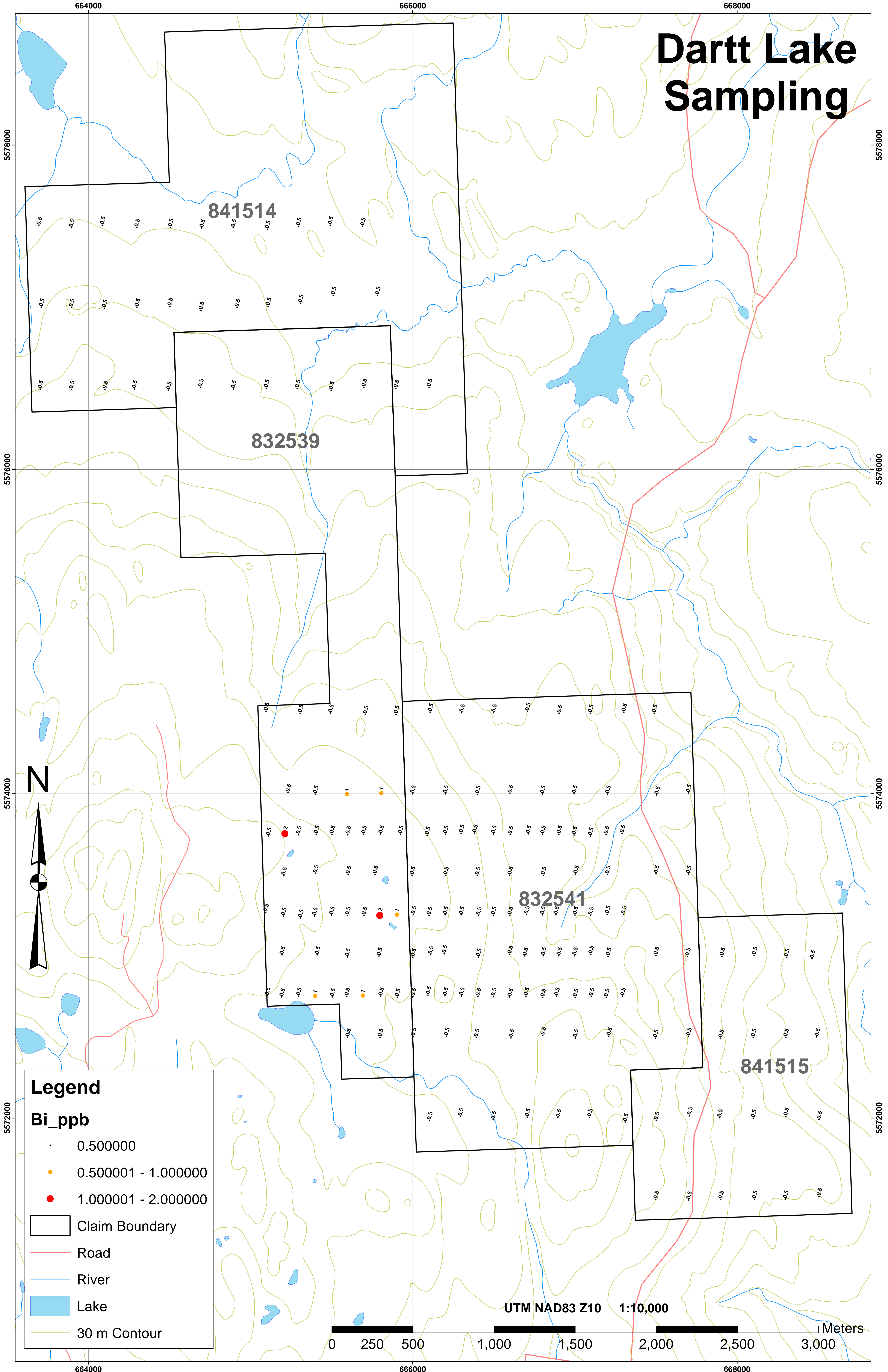
As_ppb

- 5.000000
- 5.000001 - 10.000000
- 10.000001 - 20.000000
- 20.000001 - 30.000000

- Claim Boundary
- Road
- River
- Lake
- 30 m Contour



Dartt Lake Sampling



Legend

Bi_ppb

- 0.500000
- 0.500001 - 1.000000
- 1.000001 - 2.000000

Claim Boundary

Road

River

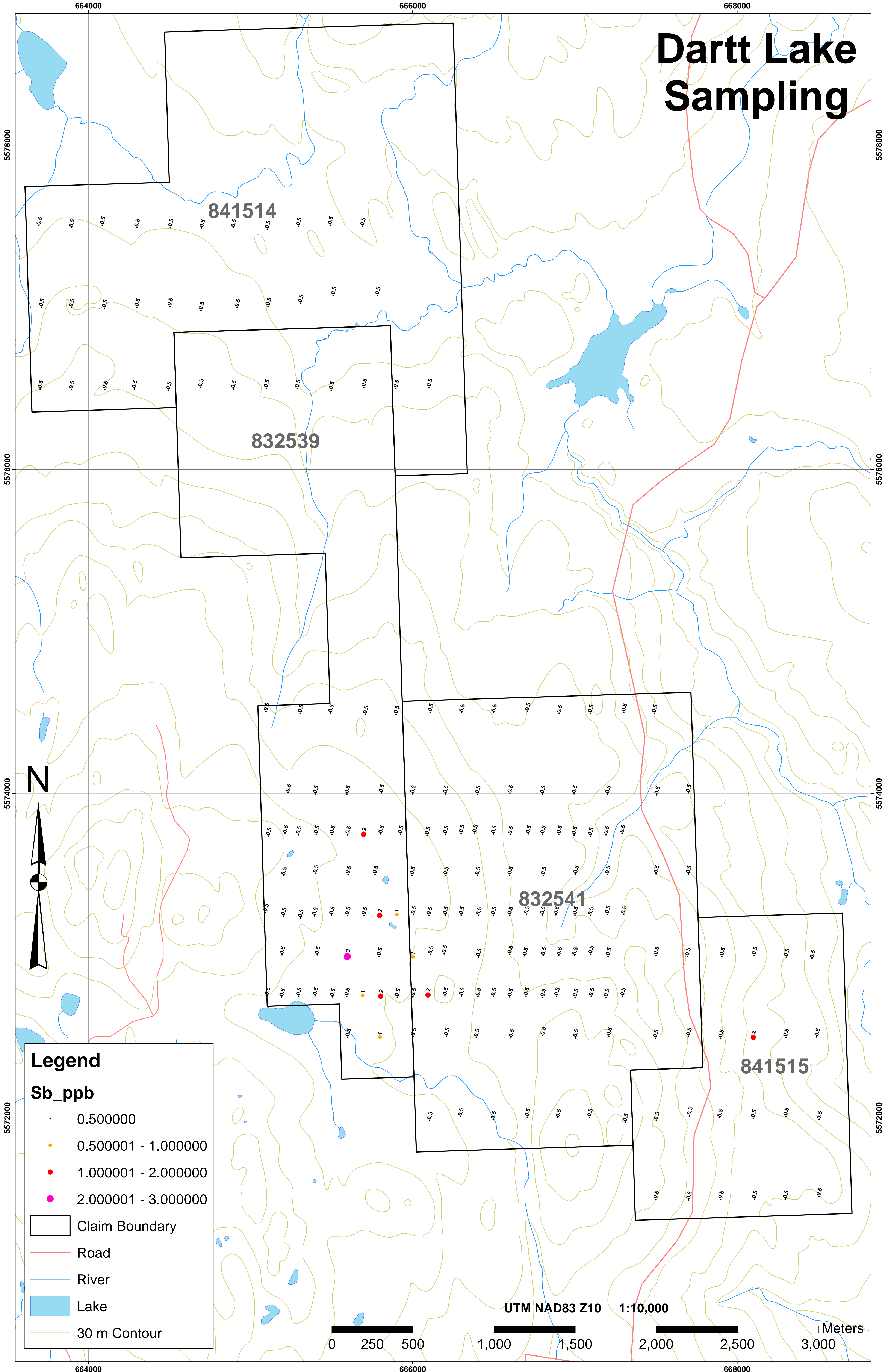
Lake

30 m Contour

UTM NAD83 Z10 1:10,000 Meters

0 250 500 1,000 1,500 2,000 2,500 3,000

Dartt Lake Sampling



Legend

Sb_ppb

- 0.500000
- 0.500001 - 1.000000
- 1.000001 - 2.000000
- 2.000001 - 3.000000

Claim Boundary

Road

River

Lake

30 m Contour

UTM NAD83 Z10 1:10,000

Meters

Appendix II: Field Notes for Soil Sampling

Sample	UTM_E_NAD83_10	UTM_N_NAD83_10	Date	Sampler	Depth_From	Depth_to	Colour	Slope	Slope_Dir	Moisture	Rock_pct	Sand_pct	Clay_pct	Org_pct	pH	Comments
A00226401		667907	5/18/12	Kory	17		32 brown	mod	E	moist	30	10	65	5	7.21	pine forest
A00226402		667695	5/18/12	Kory	19		34 brown	gentle	E	moist	40	5	50	5	6.58	pine forest, beside road
A00226403		667500	5/18/12	Kory	15		30 brown	flat		moist	5	10	35	5	6.36	clear cut trail
A00226404		667205	5/18/12	Kory	12		27 brown	gentle	N	moist	30	10	70	0	6.12	clear cut
A00226405		667098	5/18/12	Kory	20		35 orange-brown	flat		dry	40	5	40	15	6.19	clear cut
A00226406		666999	5/18/12	Kory	20		35 orange-brown	gentle	N	dry	30	10	60	0	6.43	clear cut
A00226407		666901	5/18/12	Kory	18		33 orange-brown	gentle	N	moist	35	25	40	0	6.28	clear cut
A00226408		666805	5/18/12	Kory	16		31 brown	gentle	N	moist	40	20	40	0	6.26	clear cut
A00226409		666692	5/18/12	Kory	19		34 dk brown	gentle	NE	wet	25	15	55	5	6.98	small pine stand in clear cut
A00226410		666599	5/18/12	Kory	17		32 brown	gentle	NE	saturated	25	30	45	0	6.89	pine forest beside clear cut
A00226411		666405	5/18/12	Kory	17		32 brown	mod	SW	dry	15	25	60	0	5.86	pine forest
A00226412		666194	5/18/12	Kory	18		33 lt brown	flat		saturated	10	25	65	0	6.03	clear cut
A00226413		666110	5/18/12	Kory	20		35 orange-brown	flat		wet	20	15	65	0	5.98	clear cut
A00226414		666002	5/18/12	Kory	16		31 brown	flat		moist	25	20	55	0	6.20	clear cut
A00226415		665793	5/18/12	Kory	18		33 brown	flat		dry	20	10	65	5	5.92	clear cut
A00226416		665597	5/18/12	Kory	15		30 dk orange-brown	flat	flat		25	10	65	0	5.89	clear cut
A00226417		667489	5/19/12	Sadie	12		27 brown	steep	e	moist	5	15	50	30	6.57	Mixed forest
A00226418		667302	5/19/12	Sadie	13		28 brown	gentle	e	moist	25	15	45	15	7.14	Mixed forest
A00226419		667095	5/19/12	Sadie	15		30 brown	gentle	e	wet	15	10	60	15	6.57	clear cut
A00226420		666902	5/19/12	Sadie	14		29 lt brown	flat		wet	20	5	60	15	5.86	clear cut
A00226421		666707	5/19/12	Sadie	20		35 brown	flat		wet	10	15	70	10	7.28	clear cut
A00226422		666499	5/19/12	Sadie	13		28 R.brown	flat		moist	20	10	50	20	6.11	clear cut
A00226423		666302	5/19/12	Sadie	16		31 R.brown	gentle	e	moist	25	15	50	10	7.07	Mixed forest
A00226424		666108	5/19/12	Sadie	18		33 d.brown	gentle	e	saturated	15	20	45	20	6.72	Mixed forest
A00226425		665898	5/19/12	Sadie	12		27 lt brown	gentle	se	moist	25	20	45	10	5.62	Mixed forest
A00226426		665708	5/19/12	Sadie	13		28 R.brown	mod	e	moist	25	15	40	20	5.84	Mixed forest
A00226427		665494	5/19/12	Sadie	20		35 lt brown	flat		wet	15	15	55	15	5.97	Mixed forest
A00226428		665306	5/19/12	Sadie	14		29 lt/r.brown	flat		dry	20	20	50	10	5.92	Mixed forest
A00226429		665096	5/19/12	Sadie	17		32 d/r brown	gentle	e	wet	10	10	60	20	5.64	Mixed forest
A00226430		665231	5/19/12	Sadie	12		27 g brown	flat		moist	25	65	5	5	7.80	near c.c./poss old gravel rd
A00226431		665399	5/19/12	Sadie	12		27 brown	flat		moist	15	25	45	15	5.89	Mixed forest
A00226432		665595	5/19/12	Sadie	15		30 R.brown	mod	e	moist	25	20	30	20	5.35	Mixed forest
A00226434		666497	5/20/12	Matt	13		28 blk.brn	flat		moist	20	30	40	30	6.60	Mixed forest
A00226435		666402	5/20/12	Matt	12		27 brown	mod	e	moist	20	40	30	10	6.12	Mixed forest
A00226436		666301	5/20/12	Matt	15		30 brown	gentle	e	wet	10	15	70	5	5.90	Mixed forest
A00226437		666199	5/20/12	Matt	14		29 brown	flat		moist	20	23	50	7	5.81	Mixed forest
A00226438		666094	5/20/12	Matt	16		31 R.brown	gentle	s	moist	30	35	15	20	6.08	Mixed forest
A00226439		666001	5/20/12	Matt	13		20 g brown	gentle	e	wet	10	10	70	10	6.25	clear cut
A00226440		665905	5/20/12	Matt	18		33 R.brown	gentle	w	moist	10	40	40	10	5.53	Mixed forest
A00226441		665803	5/20/12	Matt	14		29 brown	gentle	e	moist	20	15	55	10	6.00	clear cut
A00226442		665692	5/20/12	Matt	15		30 brown	flat		dry	40	15	40	5	5.82	clear cut
A00226443		665594	5/20/12	Matt	10		25 brown	mod	e	moist	40	30	25	5	5.86	clar cut
A00226444		665504	5/20/12	Matt	25		40 R.brown	gentle	w	moist	10	20	60	10	5.81	Mixed forest
A00226445		665398	5/20/12	Matt	21		36 brown	gentle	e	moist	30	25	40	5	6.01	Mixed forest
A00226446		665296	5/20/12	Matt	24		39 brown	gentle	sw	saturated	15	30	50	5	6.75	Mixed forest
A00226447		665193	5/20/12	Matt	13		28 brown	mod	e	moist	20	20	50	10	5.88	Mixed forest
A00226448		665103	5/20/12	Matt	15		30 brown	gentle	s	dry	10	40	40	10	5.84	Mixed forest
A00226449		665600	5/20/12	Matt	23		48 brown	flat		moist	40	5	40	15	6.21	Mixed forest
A00226451		665700	5/18/12	Matt	17		32 R.brown	flat		moist	60	30	7	3	5.93	clear cut
A00226452		665797	5/18/12	Matt	18		33 lt brown	flat		moist	60	20	17	3	5.64	clear cut
A00226453		665903	5/18/12	Matt	15		30 brown	flat		moist	50	30	10	10	6.13	Swamp
A00226454		666004	5/18/12	Matt	18		33 lt brown	flat		moist	30	10	55	5	6.06	clear cut
A00226455		666101	5/18/12	Matt	20		35 brown	gentle	sw	moist	30	13	50	7	6.18	clear cut
A00226456		666200	5/18/12	Matt	14		29 R.brown	flat		moist	30	5	45	10	5.82	clear cut
A00226457		666299	5/18/12	Matt	15		30 grey	mod	e	moist	40	20	40	0	6.81	clear cut
A00226458		666406	5/18/12	Matt	20		35 brown	flat		wet	20	30	40	10	6.79	clear cut

A00226459	666497	5573250	5/18/12 Matt	22	37 brown	gentle	se	moist	20	20	50	10	6.50 clear cut
A00226460	666599	5573250	5/18/12 Matt	18	33 d.brown	gentle	e	moist	40	30	10	20	6.30 clear cut
A00226461	666702	5573254	5/18/12 Matt	15	30 R.brown	gentle	e	moist	40	40	10	10	6.40 clear cut
A00226462	666800	5573253	5/18/12 Matt	14	29 R.brown	gentle	s	moist	20	40	40	20	6.24 clear cut
A00226463	666883	5573253	5/18/12 Matt	15	30 black/grey	mod	e	moist	20	5	45	30	7.20 clear cut
A00226464	667001	5573252	5/18/12 Matt	12	27 R.brown	gentle	nw	moist	30	50	15	5	5.85 clear cut
A00226465	667097	5573248	5/18/12 Matt	12	27 R.brown	gentle	ne	wet	30	40	30	0	5.88 clear cut
A00226467	667200	5573256	5/18/12 Matt	15	30 black/brown	flat		wet	10	10	30	50	5.92 Swamp
A00226468	667300	5573255	5/18/12 Matt	18	33 R.brown	mod	sw	moist	20	30	25	25	clear cut
A00226469	665806	5574004	5/19/12 Nino	13	28 brown	flat		moist	30	20	40	5	5.51 clear cut
A00226470	666000	5573999	5/19/12 Nino	15	30 brown	gentle	e	wet	25	10	60	5	6.43 clear cut
A00226471	666202	5573999	5/19/12 Nino	15	30 brown	gentle	e	moist	50	25	20	5	5.74 clear cut
A00226472	666399	5573996	5/19/12 Nino	15	30 brown	flat		moist	35	20	50	5	6.18 clear cut
A00226473	666599	5574000	5/19/12 Nino	18	33 brown	flat		moist	25	25	45	5	6.26 clear cut
A00226474	666800	5573998	5/19/12 Nino	14	29 lt brown	gentle	e	wet	20	30	45	5	6.33 clear cut
A00226475	666995	5573999	5/19/12 Nino	18	33 lt brown	flat		saturated	15	30	50	5	6.46 clear cut
A00226476	667202	5573997	5/19/12 Nino	14	29 brown	gentle	s	moist	20	30	40	10	6.79 clear cut
A00226477	667291	5573754	5/19/12 Nino	12	27 brown	flat		moist	20	40	35	5	6.28 clear cut
A00226478	667192	5573747	5/19/12 Nino	25	40 lt brown	steep	s	moist	20	40	35	5	6.63 mixed forest
A00226479	667095	5573738	5/19/12 Nino	14	29 lt brown	gentle	e	moist	15	30	50	5	5.96 mixed forest
A00226480	666995	5573745	5/19/12 Nino	17	32 lt brown	gentle		moist	15	30	50	5	7.45 mixed forest
A00226481	666902	5573750	5/19/12 Nino	13	28 orange-brown	steep	n	moist	20	20	50	10	7.08 clear cut
A00226482	666801	5573751	5/19/12 Nino	18	33 d.brown	flat		wet	20	10	65	5	6.75 clear cut
A00226483	666712	5573752	5/19/12 Nino	15	30 brown	gentle	w	moist	15	20	60	5	6.35 clear cut
A00226484	666601	5573748	5/19/12 Nino	15	30 d.brown	mod	e	wet	25	25	45	5	6.80 clear cut
A00226485	666498	5573752	5/19/12 Nino	15	30 brown	flat		moist	25	25	45	5	6.16 clear cut
A00226486	666382	5573757	5/19/12 Nino	16	31 brown	steep	e	moist	30	15	50	5	6.54 clear cut
A00226487	666299	5573755	5/19/12 Nino	11	26 brown	mod	e	moist	50	10	35	5	6.01 clear cut
A00226488	666202	5573750	5/19/12 Nino	12	27 d.brown	flat		moist	40	15	40	5	6.28 clear cut
A00226489	666089	5573744	5/19/12 Nino	13	28 brown	flat		moist	20	15	60	5	6.33 clear cut
A00226490	666002	5572748	5/19/12 Nino	20	35 lt brown	flat		saturated	30	20	45	5	6.42 clear cut
A00226491	665924	5573750	5/19/12 Nino	19	34 brown	flat		wet	20	20	55	5	6.16 clear cut
A00226492	665803	5573752	5/19/12 Nino	12	27 brown	flat		moist	15	15	65	5	6.30 clear cut
A00226493	665697	5573751	5/19/12 Nino	15	30 brown	flat		saturated	40	10	45	5	5.94 clear cut
A00226494	665600	5573747	5/19/12 Nino	15	30 d.brown	mod	e	moist	15	15	60	10	5.86 clear cut
A00226495	665502	5573751	5/19/12 Nino	18	33 brown	mod	e	wet	20	15	60	5	6.25 clear cut
A00226496	665405	5573750	5/19/12 Nino	18	33 brown	gentle	e	moist	35	10	50	5	5.98 clear cut
A00226497	666599	5572747	5/21/12 Sadie	14	29 l.brown	gentle	se	dry	25	20	40	15	5.91 Mixed forest
A00226498	666699	5572752	5/21/12 Sadie	13	28 orange-brown	flat		moist	20	15	60	5	6.47 clear cut
A00226499	666802	5572744	5/21/12 Sadie	13	28 brown	mod	n	moist	25	30	30	15	6.11 clear cut
A00226501	665799	5572498	5/20/12 Matt	15	30 brown	flat		wet	10	20	60	10	5.55 clear cut
A00226502	666003	5572503	5/20/12 Matt	13	28 brown	flat		moist	30	20	40	10	5.93 clear cut
A00226503	666208	5572504	5/20/12 Matt	13	28 l.brown	flat		wet	10	20	60	10	6.10 clear cut
A00226504	666392	5572496	5/20/12 Matt	12	27 brown	mod	e	moist	15	25	50	10	6.21 clear cut
A00226505	667505	5573992	5/21/12 Matt	19	34 l.brown	mod	nw	dry	10	30	55	5	6.92 mixed forest
A00226506	667699	5574004	5/21/12 Matt	17	32 brown	gentle	e	moist	10	25	50	15	6.45 clear cut
A00226507	667700	5573504	5/21/12 Matt	14	29 brown	gentle	ne	moist	15	25	50	10	6.46 clear cut
A00226508	667500	5573506	5/21/12 Matt	15	30 brown	gentle	se	moist	20	35	40	5	6.61 clear cut
A00226509	667201	5573502	5/21/12 Matt	14	29 brown	flat		moist	20	50	25	5	6.33 clear cut
A00226510	667005	5573504	5/21/12 Matt	13	28 brown	mod	se	moist	25	50	20	5	6.38 clear cut
A00226511	666805	5573497	5/21/12 Matt	12	27 d.brown	flat		moist	30	50	20	10	6.12 clear cut
A00226512	666599	5573498	5/21/12 Matt	15	30 brown	flat		moist	20	40	30	10	5.84 clear cut
A00226513	666398	5573495	5/21/12 Matt	17	32 brown	gentle	se	moist	10	25	50	15	6.22 clear cut
A00226514	666204	5573497	5/21/12 Matt	15	30 d.brown	flat		wet	20	40	20	20	6.70 clear cut
A00226516	665996	5573498	5/21/12 Matt	13	28 R.brown	flat		moist	30	40	25	5	5.41 clear cut
A00226517	665768	5573503	5/21/12 Matt	17	32 R.brown	flat		moist	30	20	45	5	6.52 clear cut
A00226518	665602	5573502	5/21/12 Matt	17	32 brown	flat		moist	20	10	60	20	5.99 clear cut

A00226519	665400	5573507	5/21/12	Matt	20	35 l.brown	flat		dry	20	10	65	5	5.35	mixed forest
A00226520	665205	5573494	5/21/12	Matt	13	28 l.brown	gentle	se	moist	10	20	60	10	5.95	mixed forest
A00226521	665111	5573739	5/21/12	Matt	16	31 brown	flat		wet	10	10	70	10	5.97	mixed forest
A00226522	665212	5573753	5/21/12	Matt	13	28 brown	gentle	w	moist	80	10	5	5	5.90	mixed forest
A00226523	665295	5573747	5/21/12	Matt	18	33 brown	flat		moist	20	10	60	10	5.96	mixed forest
A00226524	665411	5573005	5/21/12	Matt	17	32 brown	gentle	w	moist	10	30	50	10	5.61	mixed forest
A00226525	665194	5573005	5/21/12	Matt	12	27 brown	gentle	e	moist	10	10	65	15	5.91	mixed forest
A00226526	665094	5573267	5/21/12	Matt	11	24 brown	flat		wet	10	15	70	5	5.23	mixed forest
A00226527	665203	5573245	5/21/12	Matt	12	27 brown	flat		moist	10	15	65	10	6.47	mixed forest
A00226528	665308	5573233	5/21/12	Matt	11	26 brown	flat		moist	80	5	15	0	5.94	near rd.
A00226529	665395	5573246	5/21/12	Matt	14	29 brown	flat		moist	30	10	55	5	5.29	clear cut
A00226530	665500	5573252	5/21/12	Matt	18	33 brown	flat		moist	15	10	50	25	6.23	clear cut
A00226531	665598	5573249	5/21/12	Matt	15	30 brown	flat		dry	30	10	50	10	5.64	clear cut
A00226532	667701	5572504	5/22/12	Nino	17	32 d.brown	steep	e	moist	25	15	55	5	7.06	mixed forest
A00226533	667707	5572014	5/22/12	Nino	15	30 brown	flat		moist	20	10	65	5	7.46	mixed forest near rd.
A00226534	667893	5572002	5/22/12	Nino	14	29 brown	mod	e	moist	40	20	30	10	7.03	clear cut
A00226535	668100	5571999	5/22/12	Nino	20	35 brown	flat		moist	25	25	40	10	6.97	clear cut
A00226536	668301	5572010	5/22/12	Nino	20	35 l.brown	mod	e	moist	15	15	60	10	6.19	clear cut
A00226537	668505	5571990	5/22/12	Nino	19	34 d.brown	steep	e	moist	20	20	55	5	7.06	Mixed forest
A00226538	668492	5572500	5/22/12	Nino	17	32 brown	flat		moist	15	25	50	10	7.09	clear cut near fence
A00226539	668301	5572497	5/22/12	Nino	15	30 l.brown	flat		moist	30	15	50	5	7.23	Mixed forest
A00226540	668100	5572498	5/22/12	Nino	14	29 d.brown	flat		moist	30	15	50	5	7.16	clear cut
A00226541	667899	5572493	5/22/12	Nino	19	34 brown	flat		moist	25	15	50	10	7.12	Mixed forest
A00226542	668106	5573002	5/22/12	Nino	15	30 d.brown	mod	e	moist	15	20	60	5	6.98	clear cut
A00226543	668304	5572991	5/22/12	Nino	18	33 brown	mod	e	moist	20	20	50	10	7.08	clear cut
A00226544	668462	5572982	5/22/12	Nino	17	32 brown	mod	e	moist	20	20	50	10	7.15	clear cut near fence
A00226545	667499	5571497	5/22/12	Nino	20	35 brown	mod	e	moist	25	20	50	5	7.02	Mixed forest
A00226546	667701	5571495	5/22/12	Nino	20	35 d.brown	mod	e	moist	10	30	50	10	7.54	clear cut
A00226547	667899	5571498	5/22/12	Nino	12	27 d.brown	gentle	e	moist	15	15	65	5	7.14	clear cut
A00226548	668107	5571499	5/22/12	Nino	17	32 d.brown	mod	e	moist	35	10	50	5	7.20	clear cut
A00226549	668298	5571500	5/22/12	Nino	20	35 brown	mod	se	moist	20	30	45	5	6.82	clear cut
A00226551	666888	5572752	5/21/12	Sadie	15	30 r/d brown	flat		moist	30	15	35	20	5.93	clear cut
A00226552	667002	5572744	5/21/12	Sadie	12	27 brown	gentle	e	moist	20	20	40	20	6.57	clear cut
A00226553	667101	5572748	5/21/12	Sadie	12	27 R.brown	flat		moist	20	20	50	10	6.25	clear cut
A00226554	667193	5572744	5/21/12	Sadie	14	29 R.brown	flat		moist	30	10	50	10	6.22	clear cut
A00226555	667295	5572751	5/21/12	Sadie	16	31 d.brown	flat		moist	20	20	40	20	6.00	clear cut
A00226556	667496	5572493	5/21/12	Sadie	13	28 l.brown	flat		moist	20	15	60	5	6.03	edge of cc
A00226557	667209	5572505	5/21/12	Sadie	14	29 d.brown	flat		moist	15	20	60	5	6.18	clear cut
A00226558	667003	5572494	5/21/12	Sadie	17	32 l.brown	flat		moist	20	20	45	15	6.24	clear cut
A00226559	666802	5572509	5/21/12	Sadie	14	29 l/r/brn	flat		moist	20	20	55	5	6.15	clear cut
A00226560	666606	5572494	5/21/12	Sadie	13	28 brown	flat		dry	35	25	30	10	5.89	clear cut
A00226561	666294	5572008	5/21/12	Sadie	13	28 brown	gentle	s	moist	50	10	30	10	5.98	new mixed forest
A00226562	666104	5571984	5/21/12	Sadie	16	31 R.brown	flat		moist	30	40	20	10	6.12	new forest
A00226563	666496	5571990	5/21/12	Sadie	14	29 brown	flat		moist	25	30	40	15	6.60	clear cut
A00226564	666706	5572005	5/21/12	Sadie	14	29 d.brown	steep	w	wet	20	15	60	5	6.17	mixed forest
A00226565	666895	5572002	5/21/12	Sadie	16	31 l.brown	mod	e	wet	15	20	50	15	6.54	mixed forest
A00226566	667091	5572004	5/21/12	Sadie	15	30 l.brown	steep	se	dry	25	25	20	30	5.33	mixed forest
A00226567	667310	5571975	5/21/12	Sadie	16	31 brown	gentle	se	dry	25	15	40	20	6.82	mixed forest
A00226568	667502	5571985	5/21/12	Sadie	14	29 brown	mod	e	dry	30	30	25	15	5.93	mixed forest
A00226569	663695	5577503	5/22/12	Sadie	13	28 brown	gentle	n	moist	10	25	40	25	6.43	mixed forest
A00226570	663896	5577490	5/22/12	Sadie	16	31 l.brown	flat		dry	15	25	40	20	5.65	mixed forest
A00226571	664086	5577507	5/22/12	Sadie	17	32 brown	gentle	n	moist	20	35	30	15	5.84	mixed forest
A00226572	664299	5577491	5/22/12	Sadie	16	31 d.brown	flat		moist	20	40	15	25	6.28	mixed forest
A00226573	664506	5577492	5/22/12	Sadie	11	26 R.brown	flat		moist	5	70	20	0	5.72	clear cut
A00226574	664700	5577489	5/22/12	Sadie	13	28 brown	gentle	n	moist	5	60	15	20	6.42	mixed forest
A00226575	664894	5577490	5/22/12	Sadie	14	29 g brown	gentle	ne	moist	15	50	30	5	6.10	mixed forest
A00226576	665104	5577480	5/22/12	Sadie	16	31 brown	flat		moist	15	40	30	15	6.15	clear cut

A00226577	665295	5577499	5/22/12 Sadie	18	33 brown	flat		moist	25	35	20	20	6.44 clear cut
A00226578	665491	5577507	5/22/12 Sadie	14	29 brown	flat		moist	15	40	25	20	6.33 clear cut
A00226579	665691	5577499	5/22/12 Sadie	15	30 g brown	flat		moist	20	15	50	15	6.38 clear cut
A00226580	665783	5577074	5/22/12 Sadie	14	29 brown	flat		moist	20	45	25	15	6.42 clear cut
A00226581	665510	5577073	5/22/12 Sadie	17	32 brown	flat		wet	30	15	45	5	6.52 clear cut
A00226582	665308	5577025	5/22/12 Sadie	13	28 brown	flat		moist	15	15	70	0	6.40 clear cut
A00226583	665109	5577006	5/22/12 Sadie	14	29 d.brown	flat		moist	20	5	60	15	6.12 clear cut
A00226584	664917	5576998	5/22/12 Sadie	17	32 l.brown	gentle		moist	15	25	50	10	6.16 mixed forest
A00226585	664695	5576981	5/22/12 Sadie	21	36 r/d brown	flat		saturated	15	5	50	30	6.94 new forest
A00226651	668505	5571516	5/22/12 Nino	15	30 brown	flat		moist	15	25	50	10	6.65 clear cut near rd
A00226652	666101	5576506	5/23/12 Matt	15	30 brown	mod	e	dry	10	20	50	20	6.17 clear cut
A00226653	665897	5576500	5/23/12 Matt	17	32 brown	flat		wet	10	10	70	10	6.11 mixed forest
A00226654	665699	5576506	5/23/12 Matt	14	29 brown	flat		moist	10	10	70	10	6.22 mixed forest
A00226655	665497	5576489	5/23/12 Matt	14	29 d.brown	gentle	ne	moist	10	10	65	15	6.72 mixed forest
A00226656	665288	5576499	5/23/12 Matt	19	34 brown	gentle	e	moist	30	30	30	10	6.20 mixed forest
A00226657	665097	5576501	5/23/12 Matt	13	28 brown	flat		moist	10	30	50	10	6.15 mixed forest
A00226658	664894	5576496	5/23/12 Matt	25	40 brown	flat		moist	25	30	30	15	7.14 mixed forest
A00226659	664692	5576504	5/23/12 Matt	14	29 l.brown	flat		moist	30	45	20	5	5.88 mixed forest
A00226660	664495	5576488	5/23/12 Matt	20	35 d.brown	flat		moist	30	50	10	10	6.24 mixed forest
A00226661	664283	5576496	5/23/12 Matt	13	28 brown	flat		moist	15	25	50	5	6.15 mixed forest
A00226662	664102	5576493	5/23/12 Matt	15	30 d.brown	gentle	w	moist	30	10	50	10	7.32 mixed forest
A00226663	663896	5576492	5/23/12 Matt	13	28 d.brown	flat		moist	10	10	60	20	6.53 mixed forest
A00226664	663703	5576495	5/23/12 Matt	15	30 l.brown	flat		moist	20	30	45	5	6.19 mixed forest
A00226665	663710	5577001	5/23/12 Matt	15	30 brown	flat		dry	30	50	15	5	6.07 mixed forest
A00226666	663896	5576998	5/23/12 Matt	16	31 brown	flat		moist	5	20	60	15	6.04 mixed forest
A00226667	664099	5576994	5/23/12 Matt	17	32 R.brown	flat		moist	20	20	40	20	5.24 mixed forest
A00226668	664300	5577000	5/23/12 Matt	20	35 d.brown	flat		moist	40	35	15	10	6.97 mixed forest
A00226669	664503	5577004	5/23/12 Matt	20	35 d.brown	flat		wet	10	20	50	20	6.82 mixed forest

Sample	Date	Sampler	Type
A00226433	5/19/12	Sadie	Duplicate of A00226432
A00226450	5/20/12	Matt	BLANK
A00226466	5/18/12	Matt	Duplicate of A00226465
A00226500	5/21/12	Sadie	Blank
A00226515	5/21/12	Matt	Duplicate of A00226514
A00226550	5/22/12	Nino	BLANK

Appendix III: Analytical Certificates



Certificate of Analysis

Work Order: TO121377

To: **Kory Dumas**
BC Gold Corp.
520-800 West Pender St.
VANCOUVER
BC V6C 2V6

Date: Jun 08, 2012

P.O. No. : Project:Dartt
Project No. : -
No. Of Samples : 74
Date Submitted : May 30, 2012
Report Comprises : Pages 1 to 13
(Inclusive of Cover Sheet)

Distribution of unused material:

Discard samples:

Certified By :

Bruce Robertson
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
A00226401	39	28	<10	1.0	1580	<1	540	6	20	13
A00226402	27	74	<10	0.7	3580	<1	460	6	129	7
A00226403	30	145	<10	<0.1	1810	<1	150	7	153	43
A00226404	37	141	<10	<0.1	1470	<1	170	4	164	22
A00226405	33	130	<10	0.7	890	<1	100	7	69	55
A00226406	30	252	<10	<0.1	1610	<1	50	12	162	57
A00226407	52	190	20	0.3	2980	<1	110	5	182	39
A00226408	33	185	<10	<0.1	740	<1	110	11	115	52
A00226409	163	53	<10	0.6	2010	<1	360	14	46	101
A00226410	67	25	<10	0.4	2970	<1	320	6	66	127
A00226411	24	126	10	0.3	3370	<1	210	4	188	44
A00226412	18	57	<10	0.2	2050	<1	350	5	201	281
A00226413	13	91	10	0.5	2380	<1	180	3	239	40
A00226414	33	99	<10	0.2	1970	<1	310	13	129	316
A00226415	28	130	<10	0.4	5830	<1	360	5	183	34
A00226416	227	171	30	0.2	1680	<1	180	27	129	40
A00226417	35	114	<10	<0.1	1790	<1	320	4	81	8
A00226418	54	16	20	1.1	4550	<1	750	5	35	32
A00226419	19	67	<10	0.1	1860	<1	330	5	68	63
A00226420	7	46	<10	0.4	1740	<1	330	2	90	97
A00226421	13	43	<10	0.5	2310	<1	480	9	142	433
A00226422	33	113	<10	0.1	1840	<1	230	7	104	103
A00226423	28	119	<10	0.1	690	<1	200	12	38	114
A00226424	47	27	<10	0.6	4610	<1	480	17	62	215
A00226425	10	161	10	0.4	2460	<1	160	5	161	183
A00226426	39	149	<10	1.7	610	<1	110	178	112	204
A00226427	12	118	<10	<0.1	2840	<1	260	3	194	149
A00226428	37	195	<10	<0.1	1750	<1	110	26	181	87
A00226429	8	58	<10	<0.1	2190	<1	410	10	208	147
A00226430	13	52	<10	0.6	4990	<1	370	8	195	24
A00226431	32	157	<10	<0.1	1290	<1	130	19	139	29
A00226432	48	189	10	0.2	3850	1	180	17	184	232
A00226433	40	226	10	<0.1	2010	1	100	22	172	62
A00226434	98	66	<10	0.3	4560	<1	570	42	111	16
A00226435	26	207	<10	0.1	890	<1	160	11	174	19
A00226436	26	116	<10	0.2	1950	<1	230	7	189	266
A00226437	10	134	<10	0.3	2130	<1	210	4	244	250
A00226438	74	237	20	0.2	920	<1	120	15	194	73
A00226439	47	99	<10	0.4	2600	<1	510	13	126	62
A00226440	62	172	10	<0.1	2960	<1	190	14	146	79
A00226441	261	167	10	0.1	1630	<1	180	32	133	208
A00226442	58	219	10	<0.1	1460	1	110	31	155	51
A00226443	79	156	<10	0.2	2010	<1	200	19	142	121

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
A00226444	76	171	<10	0.1	1540	<1	120	9	144	92
A00226445	97	146	10	0.3	2070	1	180	7	154	148
A00226446	112	20	<10	0.3	3030	<1	590	18	21	233
A00226447	36	166	<10	<0.1	1300	<1	170	13	111	37
A00226448	31	219	<10	<0.1	1650	<1	140	19	114	84
A00226449	22	95	<10	0.2	2250	<1	300	9	55	50
A00226450	5	16	20	<0.1	1130	<1	210	7	9	43
A00226451	41	237	<10	0.2	640	<1	50	15	110	50
A00226452	61	289	20	0.6	1540	2	30	29	89	189
A00226453	29	253	20	0.1	1780	1	60	12	167	108
A00226454	53	130	<10	0.2	1830	<1	160	6	171	49
A00226455	65	168	<10	<0.1	1300	<1	160	12	137	49
A00226456	26	202	<10	<0.1	2040	<1	70	10	91	202
A00226457	23	51	<10	0.4	1560	<1	460	7	66	25
A00226458	24	36	<10	0.3	2170	<1	570	8	185	136
A00226459	23	151	<10	0.1	1390	<1	180	6	116	137
A00226460	28	156	<10	0.1	1290	<1	240	12	47	22
A00226461	51	136	<10	0.1	1270	<1	210	8	103	24
A00226462	39	152	<10	<0.1	1360	<1	190	7	103	48
A00226463	58	21	<10	1.6	1290	<1	560	12	6	33
A00226464	26	169	<10	0.2	5430	<1	150	4	425	50
A00226465	112	130	10	0.2	2560	<1	220	15	298	146
A00226466	101	126	10	0.2	2570	<1	220	15	295	148
A00226467	67	72	<10	1.0	3150	<1	530	27	38	143
A00226468	31	159	<10	0.2	2830	<1	240	5	116	36
A00226469	18	181	20	0.1	3040	1	160	5	175	91
A00226470	27	99	<10	0.3	1970	<1	260	6	191	225
A00226471	22	187	10	0.5	1730	<1	170	8	107	68
A00226472	44	232	<10	0.2	2400	<1	110	14	122	63
A00226473	31	175	<10	0.1	1910	<1	180	7	123	33
A00226474	22	75	<10	0.3	3610	<1	430	5	163	52
*Rep A00226412	17	58	<10	0.2	2100	<1	350	6	225	326
*Rep A00226415	29	136	<10	0.4	5910	<1	340	6	202	36
*Rep A00226432	49	197	10	<0.1	3200	1	140	18	168	189
*Rep A00226445	82	146	10	0.2	2090	1	170	8	163	225
*Rep A00226457	20	49	<10	0.3	1380	<1	430	6	65	24
*Rep A00226470	24	85	<10	0.5	1860	<1	250	5	167	220
*Std MMISRM16	20	41	20	25.6	70	<1	220	5	16	55
*Std AMISO169	9	64	10	0.4	790	<1	40	2	762	100
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
A00226401	<100	<0.5	1680	4	2.0	1.5	22	1	5	<1
A00226402	<100	0.7	1840	20	9.8	5.1	28	2	21	<1
A00226403	<100	4.0	980	28	14.6	6.4	34	7	26	<1
A00226404	<100	2.4	550	39	19.9	8.9	51	6	36	<1
A00226405	<100	28.7	780	15	8.6	3.6	20	7	14	<1
A00226406	<100	3.1	980	27	13.6	5.9	70	14	23	<1
A00226407	<100	14.7	1210	22	10.3	6.2	66	14	25	<1
A00226408	<100	7.6	630	19	9.2	4.7	53	13	19	<1
A00226409	<100	2.5	5140	12	6.4	4.5	16	2	16	<1
A00226410	<100	2.5	2170	15	7.4	6.2	21	1	20	<1
A00226411	<100	3.9	1030	20	9.8	6.1	55	5	22	<1
A00226412	<100	1.2	1170	27	14.1	9.6	40	2	34	<1
A00226413	<100	2.7	1160	35	17.3	11.0	50	6	43	<1
A00226414	<100	2.9	2200	24	12.6	6.5	92	3	24	<1
A00226415	<100	3.0	1230	14	7.0	4.1	35	2	15	<1
A00226416	<100	9.3	760	17	8.3	4.4	42	6	17	<1
A00226417	<100	2.7	550	15	7.6	3.6	35	2	14	<1
A00226418	<100	<0.5	3280	15	7.4	4.7	15	<1	19	<1
A00226419	<100	2.2	1760	34	18.5	10.8	26	2	43	<1
A00226420	<100	0.6	940	19	10.2	6.7	44	2	23	<1
A00226421	<100	<0.5	1810	31	18.4	9.0	27	1	34	<1
A00226422	<100	4.8	830	24	12.7	6.2	30	3	25	<1
A00226423	<100	6.2	220	6	2.9	1.4	26	4	6	<1
A00226424	<100	4.7	5170	31	15.6	13.0	31	2	41	<1
A00226425	<100	3.3	640	20	10.6	5.4	82	8	20	<1
A00226426	<100	10.7	430	25	12.9	8.0	19	6	25	<1
A00226427	<100	2.8	1200	21	10.2	5.7	58	4	21	<1
A00226428	<100	6.1	820	31	16.5	6.9	59	8	28	<1
A00226429	<100	1.7	1730	34	19.3	10.2	91	2	40	<1
A00226430	<100	2.9	4380	19	7.7	6.3	11	2	22	<1
A00226431	<100	11.3	610	29	15.2	6.3	32	6	26	<1
A00226432	<100	29.7	1890	54	30.9	11.4	58	6	45	<1
A00226433	<100	27.8	1330	69	35.8	14.2	59	6	57	<1
A00226434	<100	2.7	1700	27	15.1	7.8	36	2	30	<1
A00226435	<100	5.5	600	26	11.9	6.7	50	10	26	<1
A00226436	<100	3.1	1230	40	20.8	11.7	53	5	42	<1
A00226437	<100	3.1	750	29	13.5	7.5	49	5	29	<1
A00226438	<100	32.9	1520	38	17.6	9.1	67	11	33	<1
A00226439	<100	3.0	1140	18	10.0	5.2	28	1	19	<1
A00226440	<100	14.3	700	20	9.8	5.1	70	8	19	<1
A00226441	<100	4.1	850	33	17.0	8.8	85	8	34	<1
A00226442	<100	7.4	910	31	15.8	6.1	76	8	25	<1
A00226443	<100	7.1	1370	29	14.7	7.2	43	6	28	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
A00226444	<100	8.2	630	25	13.8	6.3	44	8	25	<1
A00226445	<100	5.9	840	19	9.0	5.4	50	7	20	<1
A00226446	<100	<0.5	1520	7	3.2	2.9	8	<1	10	<1
A00226447	<100	6.4	650	21	11.6	4.8	49	7	20	<1
A00226448	<100	6.5	560	19	10.3	4.6	74	9	18	<1
A00226449	<100	6.6	460	5	2.9	1.6	26	3	6	<1
A00226450	<100	0.7	590	5	3.0	1.4	10	<1	6	<1
A00226451	<100	11.7	540	19	9.6	4.0	41	14	17	<1
A00226452	<100	11.1	610	20	10.8	4.0	112	16	17	<1
A00226453	<100	12.3	660	24	12.5	6.0	74	14	24	<1
A00226454	<100	3.4	1570	58	30.4	14.0	53	7	57	<1
A00226455	<100	3.5	490	23	12.2	5.7	52	9	22	<1
A00226456	<100	5.9	480	16	8.8	3.5	43	7	13	<1
A00226457	<100	<0.5	1090	26	12.3	8.6	15	1	33	<1
A00226458	<100	0.5	970	9	4.7	3.0	21	<1	11	<1
A00226459	<100	2.7	660	34	18.1	8.0	61	5	32	<1
A00226460	<100	10.3	260	9	4.4	2.3	55	7	9	<1
A00226461	<100	6.4	410	14	6.9	3.8	41	6	15	<1
A00226462	<100	4.5	460	17	8.3	4.1	53	6	16	<1
A00226463	<100	2.0	9950	2	1.0	0.6	12	<1	2	<1
A00226464	<100	10.7	1460	41	17.5	12.3	43	8	44	<1
A00226465	<100	5.5	1000	38	18.5	10.8	41	5	40	<1
A00226466	<100	5.9	1020	38	18.4	11.3	40	5	42	<1
A00226467	<100	1.8	6100	46	27.2	11.4	34	2	48	<1
A00226468	<100	2.3	610	21	10.5	4.8	87	5	19	<1
A00226469	<100	7.5	800	28	13.7	7.2	65	9	28	<1
A00226470	<100	3.7	1530	41	21.4	12.8	37	4	44	<1
A00226471	<100	9.8	380	13	6.3	3.7	71	9	14	<1
A00226472	<100	6.8	550	22	11.8	6.0	73	13	22	<1
A00226473	<100	17.3	640	16	7.9	4.2	43	7	16	<1
A00226474	<100	1.5	1840	40	19.6	12.3	25	2	46	<1
*Rep A00226412	<100	1.0	1290	28	14.6	9.9	47	2	34	<1
*Rep A00226415	<100	3.0	1340	16	8.1	4.4	38	3	16	<1
*Rep A00226432	<100	30.6	1610	59	33.8	11.6	56	6	46	<1
*Rep A00226445	<100	6.3	840	19	9.0	5.4	61	7	20	<1
*Rep A00226457	<100	<0.5	1160	29	13.4	9.9	15	1	37	<1
*Rep A00226470	<100	3.2	1450	31	15.8	10.3	41	4	35	<1
*Std MMISRM16	<100	11.5	800	2	0.9	1.0	2	<1	4	19
*Std AMISO169	<100	7.9	4230	29	12.7	11.9	40	12	44	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
A00226401	<0.5	79.9	8	<5	47	790	<5	0.6	17	85
A00226402	<0.5	25.7	38	<5	58	670	<5	0.7	68	83
A00226403	<0.5	28.9	43	<5	14	15700	<5	1.8	76	24
A00226404	<0.5	23.5	55	<5	31	1890	5	1.6	109	45
A00226405	<0.5	25.4	26	<5	10	1640	<5	0.6	48	31
A00226406	<0.5	57.9	43	<5	6	8230	8	3.0	76	76
A00226407	<0.5	21.7	72	<5	15	2900	11	3.2	97	26
A00226408	<0.5	26.2	39	<5	7	3530	9	2.3	62	47
A00226409	<0.5	28.4	31	<5	38	18900	19	0.6	61	58
A00226410	<0.5	27.1	39	<5	50	12600	11	0.7	77	61
A00226411	<0.5	14.1	56	<5	55	870	8	1.3	83	30
A00226412	<0.5	15.6	79	<5	43	24600	6	0.6	147	89
A00226413	<0.5	17.9	96	<5	38	1210	11	2.0	167	26
A00226414	<0.5	21.5	56	<5	34	24300	10	1.9	85	90
A00226415	<0.5	15.3	49	<5	84	710	6	0.7	55	66
A00226416	<0.5	30.8	42	<5	18	5900	8	2.0	62	43
A00226417	<0.5	66.4	25	<5	50	480	<5	1.1	44	39
A00226418	<0.5	26.5	21	<5	68	2600	<5	0.6	55	76
A00226419	<0.5	32.7	56	<5	63	6570	<5	<0.5	128	46
A00226420	<0.5	25.2	46	<5	73	10900	<5	0.7	92	98
A00226421	<0.5	36.3	59	<5	250	26300	10	<0.5	119	297
A00226422	<0.5	36.0	43	<5	32	13000	6	0.7	77	38
A00226423	<0.5	16.7	15	<5	7	6930	13	0.7	21	38
A00226424	<0.5	23.0	88	<5	59	19700	15	0.9	166	134
A00226425	<0.5	18.9	52	<5	29	7500	12	3.1	73	70
A00226426	<0.5	28.3	64	<5	4	53500	9	0.8	91	56
A00226427	<0.5	51.2	59	<5	50	3600	11	2.1	84	44
A00226428	<0.5	136	53	<5	14	7470	15	2.0	90	70
A00226429	<0.5	25.5	93	<5	36	9630	8	1.6	160	51
A00226430	<0.5	135	58	<5	44	1390	21	<0.5	84	15
A00226431	<0.5	98.7	47	<5	18	3500	10	1.1	81	51
A00226432	<0.5	38.8	67	<5	27	20400	5	1.9	119	74
A00226433	<0.5	32.9	57	<5	17	4210	<5	1.5	143	103
A00226434	<0.5	58.7	43	<5	58	5500	24	1.5	85	93
A00226435	<0.5	63.0	54	<5	8	2990	30	2.1	87	40
A00226436	<0.5	31.0	88	<5	37	28700	9	1.7	152	73
A00226437	<0.5	24.7	81	<5	28	13800	8	1.7	103	40
A00226438	<0.5	150	56	<5	13	4220	6	2.5	93	58
A00226439	<0.5	11.1	34	<5	55	4940	<5	<0.5	60	54
A00226440	<0.5	26.5	45	<5	32	2050	7	2.7	64	38
A00226441	<0.5	87.3	63	<5	22	16700	10	2.8	110	73
A00226442	<0.5	39.2	43	<5	16	6170	7	1.7	72	88
A00226443	<0.5	86.6	53	<5	35	8150	11	1.5	88	60

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
A00226444	<0.5	59.6	53	<5	20	1440	8	1.3	88	47
A00226445	<0.5	31.3	55	<5	31	7340	12	2.0	77	22
A00226446	<0.5	23.0	13	<5	63	6910	9	<0.5	29	74
A00226447	<0.5	72.1	32	<5	14	4470	11	1.5	60	44
A00226448	<0.5	35.5	39	<5	23	3870	8	2.3	62	78
A00226449	<0.5	14.5	11	<5	19	1570	7	0.5	20	49
A00226450	<0.5	17.3	5	12	36	2440	7	<0.5	15	137
A00226451	<0.5	39.2	39	<5	4	5610	11	1.5	63	42
A00226452	<0.5	31.1	33	<5	8	7110	10	3.5	51	76
A00226453	<0.5	34.4	63	<5	7	5150	8	3.0	91	45
A00226454	<0.5	35.0	83	<5	26	2180	10	1.7	162	40
A00226455	<0.5	16.5	44	<5	7	3750	6	2.1	78	31
A00226456	<0.5	25.3	28	<5	10	55200	10	1.2	41	67
A00226457	<0.5	67.2	45	<5	80	2470	<5	<0.5	99	106
A00226458	<0.5	45.9	16	<5	77	15600	14	<0.5	36	120
A00226459	<0.5	32.4	52	<5	32	13300	7	2.0	96	72
A00226460	<0.5	39.8	17	<5	21	5660	5	2.2	30	66
A00226461	<0.5	35.0	32	<5	21	6090	9	1.7	50	32
A00226462	<0.5	52.2	32	<5	19	2090	6	1.4	51	56
A00226463	<0.5	10.1	3	<5	85	2040	5	<0.5	7	75
A00226464	<0.5	26.8	120	<5	9	2230	<5	2.3	163	24
A00226465	<0.5	48.0	76	<5	33	28800	7	1.6	132	53
A00226466	<0.5	42.9	81	<5	35	27900	7	1.8	145	49
A00226467	<0.5	12.9	45	<5	61	8930	<5	<0.5	113	250
A00226468	<0.5	37.5	33	<5	45	2050	<5	2.3	56	100
A00226469	<0.5	23.9	66	<5	24	1460	13	3.2	94	44
A00226470	<0.5	33.4	111	<5	47	29900	16	1.2	180	53
A00226471	<0.5	45.7	43	<5	21	4330	13	3.0	55	59
A00226472	<0.5	41.6	47	<5	10	2590	7	2.8	78	51
A00226473	<0.5	55.1	42	<5	19	2880	6	1.8	58	32
A00226474	<0.5	89.3	69	<5	102	4030	<5	0.5	143	100
*Rep A00226412	<0.5	16.1	85	<5	45	29200	7	0.6	159	92
*Rep A00226415	<0.5	15.0	52	<5	80	1000	7	0.7	60	68
*Rep A00226432	<0.5	36.4	60	<5	23	16800	<5	1.6	113	71
*Rep A00226445	<0.5	36.7	58	<5	31	12200	13	2.4	80	26
*Rep A00226457	<0.5	61.8	56	<5	70	2210	<5	<0.5	118	105
*Rep A00226470	<0.5	28.5	93	<5	43	26200	21	1.3	154	49
*Std MMISRM16	<0.5	38.7	4	<5	32	100	51	<0.5	14	238
*Std AMISO169	<0.5	45.9	417	<5	32	4080	<5	3.2	394	440
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
A00226401	1.1	<10	<1	3	<1	59	<1	10	5	<1
A00226402	0.7	20	<1	13	<1	46	<1	27	18	<1
A00226403	2.0	80	<1	16	<1	115	<1	74	22	<1
A00226404	1.9	70	<1	22	<1	116	<1	79	30	<1
A00226405	0.8	80	<1	10	<1	87	<1	28	13	<1
A00226406	8.0	330	<1	16	<1	123	<1	51	20	<1
A00226407	5.0	280	<1	22	<1	167	<1	39	24	<1
A00226408	3.0	310	<1	13	<1	151	<1	32	17	<1
A00226409	0.2	20	<1	12	<1	50	<1	15	15	<1
A00226410	0.5	20	<1	15	<1	51	<1	14	18	<1
A00226411	3.1	80	<1	18	<1	78	<1	46	20	<1
A00226412	0.5	10	<1	31	<1	60	<1	25	34	<1
A00226413	2.5	100	<1	34	<1	97	<1	57	40	<1
A00226414	1.2	90	<1	18	<1	99	1	47	21	<1
A00226415	0.9	170	<1	12	<1	96	<1	35	13	<1
A00226416	2.2	720	<1	13	<1	197	3	29	15	<1
A00226417	1.9	30	<1	9	<1	104	<1	55	12	<1
A00226418	0.5	<10	<1	10	<1	40	<1	13	16	<1
A00226419	0.9	10	<1	23	<1	103	<1	36	35	<1
A00226420	0.9	<10	<1	18	<1	52	<1	34	22	<1
A00226421	0.3	<10	<1	23	<1	31	<1	50	30	<1
A00226422	0.9	50	<1	16	<1	130	<1	57	21	<1
A00226423	0.7	80	<1	4	<1	108	<1	11	5	<1
A00226424	0.4	20	<1	32	<1	54	<1	18	39	<1
A00226425	4.7	190	<1	17	<1	141	<1	57	19	<1
A00226426	1.4	1060	<1	21	<1	175	<1	25	23	<1
A00226427	2.4	40	<1	19	<1	154	<1	45	19	<1
A00226428	4.5	130	<1	19	<1	263	<1	77	24	<1
A00226429	0.6	20	<1	33	<1	42	<1	46	37	<1
A00226430	0.9	<10	<1	17	<1	99	<1	35	21	<1
A00226431	2.1	190	<1	17	<1	301	<1	56	22	<1
A00226432	2.0	620	<1	23	<1	221	<1	93	33	<1
A00226433	2.5	710	<1	26	<1	256	<1	81	42	<1
A00226434	0.4	110	<1	16	<1	59	<1	29	23	<1
A00226435	3.7	300	<1	18	<1	134	<1	40	24	<1
A00226436	1.9	80	<1	31	<1	109	<1	71	38	<1
A00226437	2.0	120	<1	23	<1	116	<1	66	25	<1
A00226438	4.4	480	<1	19	<1	217	2	82	28	<1
A00226439	0.3	40	<1	12	<1	90	<1	32	16	<1
A00226440	2.2	610	<1	13	<1	150	<1	39	17	<1
A00226441	4.2	470	<1	23	<1	157	2	43	29	<1
A00226442	2.9	1320	<1	15	<1	177	1	47	20	<1
A00226443	2.2	280	<1	18	<1	262	<1	49	24	<1

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
A00226444	1.8	330	<1	19	<1	256	<1	39	23	<1
A00226445	2.3	360	<1	17	<1	197	<1	34	19	<1
A00226446	0.2	20	<1	5	<1	31	<1	8	8	<1
A00226447	3.0	320	<1	12	<1	261	<1	45	17	<1
A00226448	3.5	200	<1	13	<1	193	<1	34	16	<1
A00226449	0.3	80	<1	4	<1	103	<1	9	5	<1
A00226450	0.7	<10	<1	3	<1	24	<1	6	4	<1
A00226451	3.6	730	<1	13	<1	179	<1	33	16	<1
A00226452	7.2	6510	<1	11	<1	193	2	33	14	<1
A00226453	4.1	710	<1	20	<1	167	1	40	22	<1
A00226454	1.3	170	<1	32	<1	133	<1	88	48	<1
A00226455	2.3	190	<1	16	<1	127	<1	43	21	<1
A00226456	2.2	100	<1	9	<1	147	<1	43	11	<1
A00226457	0.4	30	<1	18	<1	13	<1	24	27	<1
A00226458	0.4	40	<1	7	<1	20	<1	15	10	<1
A00226459	3.3	90	<1	19	<1	135	<1	61	26	<1
A00226460	2.2	240	<1	6	<1	165	<1	19	8	<1
A00226461	2.6	170	<1	11	<1	137	<1	29	13	<1
A00226462	2.6	90	<1	11	<1	175	<1	40	14	<1
A00226463	0.5	<10	<1	1	<1	27	<1	9	2	<1
A00226464	2.0	250	<1	36	<1	112	<1	78	42	<1
A00226465	1.8	270	<1	28	<1	145	<1	96	35	<1
A00226466	1.9	270	<1	31	<1	144	<1	96	38	<1
A00226467	0.2	140	<1	20	<1	37	<1	83	34	<1
A00226468	4.0	70	<1	12	<1	97	<1	59	15	<1
A00226469	2.8	580	<1	20	<1	139	<1	43	24	<1
A00226470	1.5	40	<1	38	<1	130	<1	75	42	<1
A00226471	5.3	1000	<1	12	<1	124	<1	24	13	<1
A00226472	4.6	760	<1	17	<1	153	<1	37	20	<1
A00226473	2.3	130	<1	13	<1	188	<1	38	15	<1
A00226474	0.6	10	<1	28	<1	92	<1	42	39	<1
*Rep A00226412	0.5	10	<1	33	<1	60	<1	29	35	<1
*Rep A00226415	1.0	140	<1	14	<1	97	<1	39	15	<1
*Rep A00226432	1.9	660	<1	22	<1	220	<1	91	33	<1
*Rep A00226445	2.9	330	<1	18	<1	202	1	38	19	<1
*Rep A00226457	0.5	20	<1	22	<1	16	<1	24	30	<1
*Rep A00226470	1.8	40	<1	32	<1	113	<1	57	34	<1
*Std MMISRM16	0.3	80	25	2	<1	321	<1	7	4	<1
*Std AMISO169	2.9	100	<1	103	<1	252	<1	59	65	1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
A00226401	1430	<1	<1	<10	5.9	17	<0.5	8	<1	21
A00226402	1810	<1	3	<10	10.7	24	<0.5	10	<1	103
A00226403	330	<1	4	<10	18.7	410	<0.5	13	<1	134
A00226404	690	<1	6	<10	13.5	592	<0.5	8	<1	197
A00226405	350	<1	2	<10	6.9	104	<0.5	7	<1	87
A00226406	110	<1	4	<10	23.8	780	<0.5	10	<1	134
A00226407	320	<1	4	<10	30.0	1580	<0.5	12	<1	103
A00226408	160	<1	3	<10	16.1	615	<0.5	9	<1	88
A00226409	1310	<1	2	<10	4.9	25	<0.5	43	<1	79
A00226410	1290	<1	3	<10	12.5	61	<0.5	17	<1	86
A00226411	1200	<1	3	<10	22.6	701	<0.5	7	<1	100
A00226412	1110	<1	5	<10	13.9	70	<0.5	19	<1	152
A00226413	780	<1	6	<10	17.4	1190	<0.5	10	1	188
A00226414	840	<1	4	<10	14.3	391	<0.5	15	<1	136
A00226415	2050	<1	2	<10	13.5	286	<0.5	5	<1	75
A00226416	400	<1	3	<10	16.7	865	<0.5	8	<1	86
A00226417	1090	<1	2	<10	6.8	119	<0.5	7	<1	77
A00226418	3640	<1	3	<10	5.1	14	<0.5	11	<1	85
A00226419	1360	<1	6	<10	4.7	23	<0.5	11	<1	227
A00226420	1500	<1	3	<10	12.3	135	<0.5	8	<1	111
A00226421	4160	<1	5	<10	12.3	17	<0.5	55	<1	192
A00226422	650	<1	4	<10	8.2	171	<0.5	9	<1	133
A00226423	610	<1	<1	<10	6.2	116	<0.5	7	<1	28
A00226424	3400	<1	5	<10	10.3	23	<0.5	70	<1	221
A00226425	630	<1	3	<10	26.3	1100	<0.5	10	<1	101
A00226426	150	<1	4	<10	15.5	232	<0.5	35	<1	138
A00226427	1190	<1	3	<10	12.5	728	<0.5	7	<1	103
A00226428	460	<1	5	<10	23.6	852	<0.5	12	<1	155
A00226429	1630	<1	6	<10	12.0	203	<0.5	33	<1	215
A00226430	3080	<1	3	<10	15.9	27	<0.5	10	<1	73
A00226431	450	<1	4	<10	18.2	385	<0.5	10	<1	155
A00226432	1150	<1	8	<10	29.9	728	<0.5	23	<1	334
A00226433	710	<1	10	<10	26.5	537	<0.5	19	<1	411
A00226434	2000	<1	4	<10	9.4	45	<0.5	61	<1	182
A00226435	230	<1	4	<10	22.7	605	<0.5	12	<1	116
A00226436	740	<1	7	<10	15.0	524	<0.5	13	<1	212
A00226437	610	<1	5	<10	20.5	822	<0.5	10	<1	139
A00226438	330	<1	6	<10	20.2	679	<0.5	12	<1	173
A00226439	1770	<1	3	<10	7.6	24	<0.5	7	<1	108
A00226440	590	<1	3	<10	17.9	1250	<0.5	8	<1	101
A00226441	470	<1	5	<10	18.7	1080	<0.5	8	<1	181
A00226442	380	<1	5	<10	20.3	609	<0.5	10	<1	158
A00226443	730	<1	5	<10	14.2	624	<0.5	9	<1	147

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
A00226444	360	<1	4	<10	10.2	532	<0.5	7	<1	142
A00226445	540	<1	3	<10	18.7	788	<0.5	9	<1	89
A00226446	2700	<1	1	<10	5.4	7	<0.5	10	<1	42
A00226447	380	<1	3	<10	16.5	585	<0.5	11	<1	106
A00226448	420	<1	3	<10	16.1	729	<0.5	7	<1	102
A00226449	900	<1	<1	<10	4.2	131	<0.5	5	<1	27
A00226450	1770	<1	<1	<10	2.3	13	<0.5	8	<1	35
A00226451	100	<1	3	<10	20.7	466	<0.5	11	<1	92
A00226452	170	<1	3	<10	20.1	1340	<0.5	7	<1	103
A00226453	200	<1	4	<10	24.7	1260	<0.5	10	<1	123
A00226454	560	<1	9	<10	19.5	704	<0.5	13	<1	322
A00226455	260	<1	4	<10	16.9	780	<0.5	9	<1	116
A00226456	260	<1	2	<10	18.4	615	<0.5	9	<1	81
A00226457	1310	<1	5	<10	15.9	22	<0.5	30	<1	146
A00226458	1670	<1	2	<10	18.4	13	<0.5	20	<1	49
A00226459	510	<1	5	<10	15.9	533	<0.5	10	<1	192
A00226460	600	<1	1	<10	8.4	511	<0.5	6	<1	42
A00226461	360	<1	2	<10	12.5	491	<0.5	8	<1	64
A00226462	450	<1	3	<10	9.9	407	<0.5	7	<1	81
A00226463	2150	<1	<1	<10	0.7	9	<0.5	2	<1	12
A00226464	510	<1	7	<10	31.0	1210	<0.5	12	<1	179
A00226465	710	<1	6	<10	19.7	530	<0.5	12	<1	181
A00226466	690	<1	6	<10	21.6	571	<0.5	12	<1	178
A00226467	3090	<1	7	<10	5.1	25	<0.5	27	<1	327
A00226468	930	<1	3	<10	13.0	488	<0.5	8	<1	107
A00226469	590	<1	4	<10	23.0	1320	<0.5	10	<1	138
A00226470	930	<1	7	<10	17.6	475	<0.5	14	<1	217
A00226471	420	<1	2	<10	15.7	1020	<0.5	7	<1	63
A00226472	410	<1	4	<10	21.3	892	<0.5	9	<1	117
A00226473	430	<1	3	<10	14.4	544	<0.5	8	<1	76
A00226474	1860	<1	7	<10	11.5	41	<0.5	9	<1	223
*Rep A00226412	1150	<1	5	<10	13.2	65	<0.5	20	<1	159
*Rep A00226415	1900	<1	3	<10	14.1	370	<0.5	5	<1	82
*Rep A00226432	940	<1	8	<10	29.0	624	<0.5	22	<1	362
*Rep A00226445	540	<1	3	<10	20.5	946	<0.5	10	1	86
*Rep A00226457	1170	<1	5	<10	16.6	27	<0.5	32	<1	166
*Rep A00226470	920	<1	5	<10	19.5	623	<0.5	12	<1	156
*Std MMISRM16	470	<1	<1	<10	18.7	7	<0.5	47	<1	9
*Std AMISO169	80	<1	6	<10	76.0	478	1.2	24	1	126
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Final : TO121377 Order: Project:Dartt

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
A00226401	2	50	27
A00226402	7	70	72
A00226403	11	70	260
A00226404	14	40	154
A00226405	7	100	96
A00226406	10	240	248
A00226407	8	60	402
A00226408	7	170	197
A00226409	6	<20	56
A00226410	6	30	51
A00226411	7	50	116
A00226412	11	30	61
A00226413	12	50	162
A00226414	9	190	94
A00226415	5	270	67
A00226416	6	350	172
A00226417	5	60	97
A00226418	5	20	37
A00226419	13	90	40
A00226420	8	20	87
A00226421	16	50	69
A00226422	9	70	91
A00226423	2	60	81
A00226424	13	620	42
A00226425	8	80	223
A00226426	10	6410	143
A00226427	7	110	130
A00226428	12	270	266
A00226429	15	70	88
A00226430	6	70	45
A00226431	11	90	195
A00226432	21	290	211
A00226433	24	460	141
A00226434	12	1110	77
A00226435	8	80	200
A00226436	15	70	102
A00226437	9	40	149
A00226438	12	220	222
A00226439	7	40	54
A00226440	7	90	175
A00226441	12	580	146
A00226442	11	460	159
A00226443	10	430	151

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Final : TO121377 Order: Project:Dartt

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
A00226444	10	160	120
A00226445	6	70	160
A00226446	2	700	17
A00226447	9	290	164
A00226448	7	110	140
A00226449	2	30	51
A00226450	2	190	14
A00226451	8	580	274
A00226452	8	1900	202
A00226453	9	390	270
A00226454	21	50	187
A00226455	9	170	170
A00226456	6	140	130
A00226457	8	20	72
A00226458	4	30	63
A00226459	13	120	157
A00226460	3	560	103
A00226461	5	360	151
A00226462	6	80	111
A00226463	<1	<20	5
A00226464	12	60	331
A00226465	13	190	202
A00226466	13	160	217
A00226467	21	80	61
A00226468	7	200	150
A00226469	10	50	223
A00226470	15	40	115
A00226471	5	180	151
A00226472	9	560	266
A00226473	6	170	177
A00226474	13	50	78
*Rep A00226412	11	30	61
*Rep A00226415	6	360	70
*Rep A00226432	24	310	188
*Rep A00226445	6	100	177
*Rep A00226457	9	<20	71
*Rep A00226470	12	30	120
*Std MMISRM16	<1	310	17
*Std AMISO169	9	220	52
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO121378

To: **Kory Dumas**
BC Gold Corp.
520-800 West Pender St.
VANCOUVER
BC V6C 2V6

Date: Jun 11, 2012

P.O. No. : Project:Dartt
Project No. : -
No. Of Samples : 74
Date Submitted : May 30, 2012
Report Comprises : Pages 1 to 13
(Inclusive of Cover Sheet)

Distribution of unused material:

Discard samples:

Certified By :

Bruce Robertson
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
A00226475	21	12	<10	0.3	2790	<1	620	6	19	47
A00226476	12	79	<10	0.2	2690	<1	240	3	82	23
A00226477	17	42	<10	0.5	3560	<1	420	5	32	42
A00226478	23	122	<10	0.2	700	<1	200	12	92	65
A00226479	21	77	<10	0.2	1790	<1	290	7	78	57
A00226480	8	141	<10	0.2	1130	<1	220	4	103	50
A00226481	16	92	<10	0.3	5480	<1	360	3	62	30
A00226482	32	63	<10	0.4	2030	<1	450	31	782	73
A00226483	16	125	<10	0.2	2840	<1	260	3	148	53
A00226484	45	43	<10	0.2	5270	<1	490	3	81	65
A00226485	93	124	<10	0.3	3830	<1	130	21	250	22
A00226486	57	131	<10	0.1	1440	<1	180	9	143	20
A00226487	39	116	<10	0.1	1150	<1	170	8	55	96
A00226488	88	166	<10	<0.1	5460	<1	250	39	92	27
A00226489	32	80	<10	0.2	2520	<1	390	13	184	182
A00226490	8	34	<10	0.5	2280	<1	320	3	42	109
A00226491	12	99	10	0.4	2970	<1	230	3	180	115
A00226492	50	78	<10	0.2	4430	<1	370	6	72	22
A00226493	54	90	20	0.4	1620	<1	230	31	231	405
A00226494	33	146	<10	0.2	1890	<1	310	32	205	343
A00226495	45	63	<10	0.3	3500	<1	400	13	132	315
A00226496	24	170	<10	0.1	1610	<1	160	6	191	72
A00226497	43	230	<10	0.1	1390	<1	110	10	162	52
A00226498	46	120	<10	0.1	1000	<1	170	4	98	39
A00226499	27	179	10	<0.1	1120	<1	170	10	245	38
A00226500	4	16	20	<0.1	1040	<1	180	6	8	43
A00226501	45	191	<10	0.1	1420	<1	80	10	177	356
A00226502	46	180	<10	<0.1	990	<1	120	10	110	77
A00226503	40	54	<10	0.3	2360	<1	400	9	160	353
A00226504	30	172	<10	<0.1	700	<1	170	17	72	29
A00226505	23	177	10	0.1	1030	<1	130	12	100	40
A00226506	34	115	<10	0.2	1640	<1	240	8	78	14
A00226507	28	130	<10	0.1	990	<1	260	10	85	20
A00226508	34	100	<10	0.2	5020	<1	340	23	116	15
A00226509	43	153	<10	<0.1	780	<1	180	24	93	184
A00226510	20	115	<10	0.4	1980	<1	270	9	96	16
A00226511	13	215	<10	<0.1	600	<1	100	14	57	53
A00226512	38	196	<10	<0.1	960	<1	80	11	99	164
A00226513	17	174	<10	<0.1	1020	<1	110	6	88	159
A00226514	33	61	<10	0.1	3040	<1	470	16	107	179
A00226515	92	36	<10	0.1	4460	<1	530	17	64	146
A00226516	36	198	<10	<0.1	1090	<1	80	13	100	60
A00226517	59	105	<10	0.2	2180	<1	310	20	101	118

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
A00226518	38	113	<10	0.4	1900	<1	170	8	206	125
A00226519	21	198	<10	<0.1	870	<1	10	67	77	47
A00226520	32	172	<10	<0.1	1700	<1	190	69	151	87
A00226521	389	134	<10	0.5	2080	<1	340	90	205	109
A00226522	31	203	<10	<0.1	460	2	40	15	90	40
A00226523	87	143	<10	0.1	2970	<1	230	52	142	104
A00226524	34	218	20	<0.1	1860	<1	100	28	66	201
A00226525	91	175	20	0.1	1220	<1	140	32	119	46
A00226526	13	228	<10	<0.1	1460	<1	110	22	88	109
A00226527	35	114	<10	<0.1	1720	<1	200	10	67	94
A00226528	43	117	<10	<0.1	2090	<1	140	7	165	9
A00226529	6	219	<10	<0.1	3930	<1	80	2	307	19
A00226530	23	167	<10	<0.1	1980	<1	170	22	116	14
A00226531	39	191	<10	<0.1	1130	<1	120	19	132	32
A00226532	21	52	<10	<0.1	1910	<1	420	7	98	5
A00226533	29	86	<10	0.8	3950	<1	570	4	236	15
A00226534	42	138	<10	0.4	1730	<1	170	6	93	8
A00226535	25	130	10	0.2	1640	<1	210	5	88	35
A00226536	27	99	<10	0.6	3180	<1	350	4	157	26
A00226537	16	92	<10	0.4	960	<1	280	13	58	31
A00226538	29	128	<10	0.5	1540	<1	160	4	140	26
A00226539	50	153	10	0.5	1870	<1	150	5	160	82
A00226540	79	104	<10	1.0	1880	<1	310	5	81	17
A00226541	27	176	<10	<0.1	1430	<1	170	26	70	47
A00226542	59	91	<10	0.7	1060	<1	280	11	102	90
A00226543	54	127	<10	0.2	1270	<1	190	7	92	28
A00226544	25	116	<10	0.3	1410	<1	220	6	125	26
A00226545	31	109	<10	0.2	3430	<1	320	7	114	11
A00226546	77	19	<10	0.8	5490	<1	780	8	11	16
A00226547	46	104	<10	<0.1	1770	<1	320	5	53	10
A00226548	47	40	<10	0.5	2470	<1	470	5	86	52
*Rep A00226476	14	80	<10	0.3	3270	<1	260	4	81	23
*Rep A00226493	34	82	20	0.4	1610	<1	200	22	163	442
*Rep A00226504	24	178	<10	<0.1	730	<1	170	22	63	29
*Rep A00226520	29	181	<10	0.1	1770	<1	190	73	151	112
*Rep A00226536	29	96	<10	1.1	3370	<1	370	5	198	26
*Rep A00226545	28	106	<10	0.2	3660	<1	310	6	107	12
*Std MMISRM16	20	37	10	27.6	60	<1	210	4	14	54
*Std AMISO169	8	60	10	0.3	680	<1	30	2	778	102
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
A00226475	<100	0.5	1240	7	4.0	2.0	11	<1	8	<1
A00226476	<100	2.0	1030	15	8.3	4.4	26	3	17	<1
A00226477	<100	<0.5	730	12	5.8	3.2	12	<1	13	<1
A00226478	<100	1.7	770	25	14.6	5.7	45	4	24	<1
A00226479	<100	0.7	880	20	10.3	6.0	25	2	24	<1
A00226480	<100	1.4	460	17	8.6	4.0	50	4	16	<1
A00226481	<100	2.9	1890	20	11.9	5.6	11	2	21	<1
A00226482	100	0.8	2400	86	50.1	20.8	20	3	89	<1
A00226483	<100	2.9	810	17	8.4	4.8	41	4	18	<1
A00226484	<100	1.3	1480	18	9.2	6.1	15	1	23	<1
A00226485	<100	10.7	580	41	21.2	11.4	26	7	45	<1
A00226486	<100	7.9	760	31	15.6	8.2	27	6	32	<1
A00226487	<100	11.1	560	14	7.2	3.9	19	4	16	<1
A00226488	<100	17.8	980	19	9.1	5.8	42	4	18	<1
A00226489	<100	4.2	1920	41	21.4	12.9	54	3	46	<1
A00226490	<100	1.0	880	9	5.0	3.3	25	1	12	<1
A00226491	<100	2.7	1310	26	13.5	8.6	45	4	31	<1
A00226492	<100	2.1	1000	10	5.1	2.9	15	2	11	<1
A00226493	<100	5.7	3100	37	20.3	11.8	141	4	44	<1
A00226494	<100	2.5	1420	60	34.0	14.4	45	3	58	<1
A00226495	<100	3.0	3400	25	13.7	8.5	24	2	31	<1
A00226496	<100	9.8	500	39	20.6	7.9	39	6	35	<1
A00226497	<100	4.4	700	24	11.5	5.7	62	12	23	<1
A00226498	<100	2.9	730	25	13.5	6.3	32	5	25	<1
A00226499	<100	6.0	710	30	14.4	8.2	71	9	30	<1
A00226500	<100	0.6	530	5	2.8	1.3	9	<1	5	<1
A00226501	<100	4.7	760	28	14.3	6.8	61	8	27	1
A00226502	<100	4.3	560	21	11.2	4.9	53	8	20	<1
A00226503	<100	1.1	2770	48	28.0	16.5	58	3	61	<1
A00226504	<100	5.0	450	19	10.1	4.4	48	7	18	<1
A00226505	<100	1.7	640	23	11.8	5.3	84	8	21	<1
A00226506	<100	2.4	700	25	14.2	5.2	38	3	22	<1
A00226507	<100	2.4	670	20	10.3	4.5	35	4	19	<1
A00226508	<100	1.2	1910	36	20.2	9.9	34	2	38	<1
A00226509	<100	5.3	830	17	9.3	3.9	51	5	16	<1
A00226510	<100	0.9	460	15	8.1	4.0	48	3	15	<1
A00226511	<100	9.5	500	22	11.7	4.2	88	14	18	<1
A00226512	<100	5.8	530	20	11.0	4.2	56	11	18	<1
A00226513	<100	3.2	360	14	7.7	3.1	49	8	13	<1
A00226514	<100	1.8	2200	15	7.3	5.8	16	3	18	<1
A00226515	<100	2.1	2990	12	5.6	4.9	9	2	16	<1
A00226516	<100	15.7	400	21	11.4	4.3	51	10	18	<1
A00226517	<100	4.0	1470	19	9.9	4.8	41	4	19	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
A00226518	<100	3.8	1630	54	29.1	13.7	45	6	53	<1
A00226519	<100	31.7	550	59	39.2	5.9	34	22	28	<1
A00226520	<100	3.1	660	55	29.9	10.7	42	4	44	<1
A00226521	<100	4.7	1670	115	66.9	24.9	35	3	98	<1
A00226522	<100	23.6	170	17	9.3	3.6	41	17	15	<1
A00226523	<100	10.4	910	51	30.0	12.5	35	4	47	<1
A00226524	<100	5.1	510	14	6.9	2.9	82	9	11	<1
A00226525	<100	8.3	820	32	17.4	7.4	49	7	30	<1
A00226526	<100	4.0	900	35	18.2	6.4	83	6	28	<1
A00226527	<100	9.0	610	7	3.9	2.0	19	3	7	<1
A00226528	<100	10.2	840	32	17.7	7.4	17	5	30	<1
A00226529	<100	7.0	350	45	19.5	11.5	28	6	41	<1
A00226530	<100	64.2	340	18	8.2	4.1	22	4	15	<1
A00226531	<100	5.2	450	29	15.0	6.7	60	9	27	<1
A00226532	<100	0.6	1330	26	12.9	8.8	36	2	30	<1
A00226533	<100	<0.5	1700	30	16.3	8.0	22	2	32	<1
A00226534	<100	11.6	4980	35	20.7	8.7	19	6	37	<1
A00226535	<100	3.5	1800	14	7.4	3.7	45	5	14	<1
A00226536	<100	0.8	1620	18	9.9	4.7	39	2	19	<1
A00226537	<100	0.7	750	10	5.7	2.7	67	3	10	<1
A00226538	<100	2.6	1310	21	10.3	5.7	44	6	21	<1
A00226539	<100	2.2	1840	19	9.3	5.3	88	9	20	<1
A00226540	<100	2.4	3060	9	4.8	2.8	25	4	11	<1
A00226541	<100	4.5	1000	12	6.9	2.9	42	7	11	<1
A00226542	<100	4.4	10200	20	12.5	5.5	20	3	23	<1
A00226543	<100	3.3	1420	15	8.1	3.6	41	6	15	<1
A00226544	<100	3.2	3280	24	13.0	6.7	33	5	28	<1
A00226545	<100	2.2	1250	24	12.3	5.8	34	3	23	<1
A00226546	<100	0.5	5190	26	13.4	6.9	11	1	31	<1
A00226547	<100	1.5	660	14	7.4	3.2	32	3	14	<1
A00226548	<100	<0.5	1100	4	1.8	1.6	21	1	5	<1
*Rep A00226476	<100	2.1	1130	16	8.6	4.6	26	2	18	<1
*Rep A00226493	<100	5.9	3330	31	16.2	9.2	135	3	33	<1
*Rep A00226504	<100	4.7	470	23	12.6	4.7	57	7	20	<1
*Rep A00226520	<100	2.8	610	58	30.8	10.4	53	4	44	<1
*Rep A00226536	<100	0.7	1960	24	11.9	6.1	40	2	25	<1
*Rep A00226545	<100	2.2	1160	22	11.6	5.4	33	3	22	<1
*Std MMISRM16	<100	11.3	730	2	0.7	0.9	2	<1	3	16
*Std AMISO169	<100	8.1	4340	29	12.6	11.4	41	13	44	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
A00226475	<0.5	19.5	6	<5	113	3380	<5	<0.5	19	118
A00226476	<0.5	30.7	27	<5	52	1090	<5	0.8	52	23
A00226477	<0.5	16.2	17	<5	30	2020	<5	<0.5	41	32
A00226478	<0.5	14.8	28	<5	28	9230	<5	0.8	62	77
A00226479	<0.5	18.4	36	<5	51	4630	<5	<0.5	74	40
A00226480	<0.5	37.6	32	<5	22	1510	8	1.0	49	74
A00226481	<0.5	12.9	24	<5	39	2230	<5	<0.5	52	17
A00226482	<0.5	27.3	84	<5	124	13800	10	<0.5	199	274
A00226483	<0.5	12.1	38	<5	48	1240	<5	0.6	58	51
A00226484	<0.5	39.9	36	<5	43	2290	<5	<0.5	74	40
A00226485	<0.5	24.8	84	<5	14	2490	<5	0.9	160	15
A00226486	<0.5	21.6	57	<5	16	1700	<5	1.0	100	13
A00226487	<0.5	27.9	31	<5	11	45200	8	<0.5	51	22
A00226488	<0.5	35.7	28	<5	18	4580	5	0.6	45	36
A00226489	<0.5	30.9	98	<5	52	19100	13	0.8	163	100
A00226490	<0.5	36.7	26	<5	47	4420	16	<0.5	49	41
A00226491	<0.5	34.5	81	<5	29	3910	14	1.0	125	35
A00226492	<0.5	22.9	21	<5	34	790	<5	<0.5	32	27
A00226493	<0.5	20.2	117	<5	25	27300	10	1.0	178	66
A00226494	<0.5	39.7	99	<5	40	20300	6	<0.5	171	202
A00226495	<0.5	26.9	58	<5	48	27700	14	<0.5	113	50
A00226496	<0.5	25.4	60	<5	18	5120	<5	1.2	98	21
A00226497	<0.5	33.3	54	<5	12	4420	13	2.1	79	40
A00226498	<0.5	84.1	36	<5	19	4460	8	0.6	72	25
A00226499	<0.5	25.6	66	<5	15	7190	13	2.2	105	59
A00226500	<0.5	15.7	4	12	34	2420	6	<0.5	13	117
A00226501	<0.5	48.1	70	<5	12	21800	11	1.3	98	58
A00226502	<0.5	44.5	36	<5	22	3020	7	1.3	60	59
A00226503	<0.5	23.7	120	<5	59	11300	9	<0.5	223	115
A00226504	<0.5	33.8	26	<5	13	3070	19	0.9	49	73
A00226505	<0.5	24.6	32	<5	20	4210	<5	1.5	61	103
A00226506	<0.5	79.1	27	<5	49	1350	<5	<0.5	58	65
A00226507	<0.5	76.4	27	<5	24	2740	<5	0.6	52	132
A00226508	<0.5	18.0	44	<5	54	1440	<5	<0.5	100	100
A00226509	<0.5	16.8	29	<5	16	9670	6	0.7	49	114
A00226510	<0.5	83.5	26	<5	51	1940	<5	1.0	48	122
A00226511	<0.5	34.1	19	<5	14	4500	12	1.5	44	79
A00226512	<0.5	15.6	29	<5	7	16100	8	1.5	53	60
A00226513	<0.5	75.7	28	<5	16	13500	8	1.5	41	75
A00226514	<0.5	33.7	34	<5	26	75400	8	<0.5	69	74
A00226515	<0.5	20.0	22	<5	27	39600	6	<0.5	48	65
A00226516	<0.5	21.0	30	<5	6	9630	8	1.8	52	27
A00226517	<0.5	42.9	37	<5	43	4350	14	0.7	62	67

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
A00226518	<0.5	44.4	89	<5	27	9290	12	1.1	155	44
A00226519	<0.5	30.5	27	<5	1	7670	<5	1.0	65	26
A00226520	<0.5	69.1	45	<5	33	10400	<5	<0.5	101	123
A00226521	<0.5	15.0	141	<5	45	12100	5	<0.5	244	80
A00226522	<0.5	17.0	36	<5	2	11100	14	1.3	59	32
A00226523	<0.5	26.3	70	<5	23	12100	5	0.6	125	76
A00226524	<0.5	14.9	23	<5	21	6010	<5	2.3	34	63
A00226525	<0.5	27.0	45	<5	12	4100	7	0.9	81	64
A00226526	<0.5	39.2	26	<5	21	3870	<5	<0.5	67	98
A00226527	<0.5	140	19	<5	36	17600	12	<0.5	26	19
A00226528	<0.5	14.6	51	<5	18	1690	<5	<0.5	100	15
A00226529	<0.5	9.9	106	<5	4	330	<5	0.6	155	30
A00226530	<0.5	71.6	35	<5	20	2520	<5	<0.5	48	24
A00226531	<0.5	22.1	46	<5	13	3050	7	1.9	84	54
A00226532	<0.5	23.3	47	<5	54	510	<5	0.8	99	67
A00226533	<0.5	6.5	48	<5	74	740	<5	<0.5	90	95
A00226534	<0.5	21.5	49	<5	12	2550	<5	0.6	106	20
A00226535	<0.5	15.0	29	<5	31	2920	<5	1.3	50	30
A00226536	<0.5	26.2	35	<5	106	710	<5	0.9	59	99
A00226537	<0.5	89.1	16	<5	40	6600	5	0.8	32	110
A00226538	<0.5	56.3	43	<5	23	2310	<5	1.3	80	43
A00226539	<0.5	20.8	51	<5	27	2090	<5	2.8	80	74
A00226540	<0.5	11.5	21	<5	20	800	<5	0.7	38	25
A00226541	<0.5	29.3	23	<5	23	4290	<5	1.4	36	82
A00226542	<0.5	21.6	38	<5	31	25400	<5	<0.5	77	45
A00226543	<0.5	33.0	27	<5	25	1430	<5	1.2	50	31
A00226544	<0.5	14.7	46	<5	19	1350	<5	0.9	93	29
A00226545	<0.5	14.3	34	<5	54	540	<5	0.7	69	39
A00226546	<0.5	11.3	19	<5	53	1390	<5	<0.5	61	122
A00226547	<0.5	32.5	17	<5	41	520	<5	0.7	37	62
A00226548	<0.5	37.8	9	<5	82	4360	<5	<0.5	18	62
*Rep A00226476	<0.5	32.4	28	<5	58	740	<5	0.7	54	24
*Rep A00226493	<0.5	21.5	84	<5	25	26800	11	0.8	131	74
*Rep A00226504	<0.5	33.3	24	<5	16	4210	17	0.9	48	98
*Rep A00226520	<0.5	70.9	46	<5	35	11200	<5	<0.5	101	125
*Rep A00226536	<0.5	29.5	45	<5	112	1000	<5	0.8	77	107
*Rep A00226545	<0.5	15.0	32	<5	52	760	<5	0.6	65	41
*Std MMISRM16	<0.5	38.3	3	<5	34	80	51	<0.5	12	242
*Std AMISO169	<0.5	42.3	407	<5	33	3960	<5	2.9	387	479
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
A00226475	0.2	<10	<1	3	<1	52	<1	17	6	<1
A00226476	2.3	40	<1	10	<1	93	<1	38	14	<1
A00226477	0.3	<10	<1	7	<1	61	<1	27	11	<1
A00226478	3.2	50	<1	12	<1	106	<1	75	19	<1
A00226479	1.9	30	<1	13	<1	68	<1	32	20	<1
A00226480	3.3	60	<1	10	<1	113	<1	44	13	<1
A00226481	0.3	40	<1	9	<1	62	<1	43	16	<1
A00226482	0.3	20	<1	36	<1	61	<1	84	60	<1
A00226483	2.1	60	<1	12	<1	87	<1	36	15	<1
A00226484	0.3	20	<1	14	<1	38	<1	15	20	<1
A00226485	0.9	550	<1	32	<1	150	<1	58	41	<1
A00226486	1.0	410	<1	20	<1	120	<1	42	28	<1
A00226487	0.6	190	<1	11	<1	125	<1	18	13	<1
A00226488	1.3	670	<1	9	<1	118	<1	30	14	<1
A00226489	0.9	70	<1	34	<1	93	<1	46	40	<1
A00226490	1.3	10	<1	10	<1	71	<1	11	12	<1
A00226491	2.2	60	<1	26	<1	115	<1	34	29	<1
A00226492	0.6	40	<1	6	<1	79	<1	18	9	<1
A00226493	0.8	380	<1	38	<1	81	2	35	40	<1
A00226494	1.0	140	<1	35	<1	74	<1	63	45	<1
A00226495	0.5	20	<1	22	<1	81	<1	30	28	<1
A00226496	1.0	140	<1	20	<1	209	<1	55	27	<1
A00226497	4.2	350	<1	17	<1	131	<1	37	21	<1
A00226498	1.5	120	<1	14	<1	145	<1	41	21	<1
A00226499	5.8	290	<1	22	<1	132	<1	57	27	<1
A00226500	0.8	<10	<1	2	<1	23	<1	5	4	<1
A00226501	3.8	310	<1	22	<1	162	1	41	24	<1
A00226502	2.7	220	<1	12	<1	197	<1	32	16	<1
A00226503	0.4	30	<1	43	<1	43	<1	42	53	<1
A00226504	2.1	420	<1	10	<1	138	<1	27	14	<1
A00226505	6.1	100	<1	12	<1	103	<1	63	18	<1
A00226506	2.1	50	<1	11	<1	135	<1	72	17	<1
A00226507	2.0	40	<1	10	<1	189	<1	33	15	<1
A00226508	0.8	60	<1	18	<1	74	<1	85	29	<1
A00226509	0.8	160	<1	10	<1	145	<1	29	13	<1
A00226510	3.3	50	<1	10	<1	63	<1	43	13	<1
A00226511	6.2	210	<1	8	<1	105	<1	36	14	<1
A00226512	3.6	270	<1	11	<1	131	<1	34	15	<1
A00226513	3.4	90	<1	9	<1	161	<1	34	11	2
A00226514	0.3	20	<1	13	<1	48	<1	12	17	<1
A00226515	0.3	20	<1	9	<1	53	<1	8	13	<1
A00226516	2.2	610	<1	11	<1	184	<1	32	14	<1
A00226517	0.8	210	<1	12	<1	127	<1	28	16	<1

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
A00226518	1.1	370	<1	31	<1	148	<1	74	43	<1
A00226519	1.2	560	<1	12	<1	144	<1	42	18	<1
A00226520	1.4	170	<1	19	<1	262	<1	79	32	<1
A00226521	0.4	300	<1	48	<1	172	<1	84	71	<1
A00226522	2.9	180	<1	13	<1	193	<1	18	14	<1
A00226523	1.1	210	<1	25	<1	267	<1	55	35	<1
A00226524	2.1	890	<1	7	<1	112	<1	30	9	<1
A00226525	1.8	520	<1	16	<1	157	<1	40	23	<1
A00226526	3.3	240	<1	12	<1	121	<1	44	20	<1
A00226527	0.8	60	<1	6	<1	219	<1	21	6	<1
A00226528	0.5	130	<1	19	<1	207	<1	48	27	<1
A00226529	1.7	270	<1	33	<1	57	<1	32	35	<1
A00226530	0.7	730	<1	10	<1	187	<1	21	13	<1
A00226531	3.1	560	<1	17	<1	130	<1	31	23	<1
A00226532	2.9	10	<1	19	<1	54	<1	23	27	<1
A00226533	0.6	20	<1	17	<1	45	<1	74	25	<1
A00226534	0.8	80	<1	20	<1	92	<1	51	31	<1
A00226535	3.0	80	<1	10	<1	111	<1	60	13	<1
A00226536	1.5	40	<1	12	<1	105	<1	62	16	<1
A00226537	4.9	50	<1	6	<1	98	<1	29	9	<1
A00226538	4.7	50	<1	16	<1	113	<1	81	21	<1
A00226539	9.2	60	<1	17	<1	126	<1	80	20	<1
A00226540	1.1	40	<1	8	<1	108	2	17	10	<1
A00226541	1.6	110	<1	8	<1	130	<1	24	9	<1
A00226542	0.4	20	<1	15	<1	88	<1	42	20	<1
A00226543	2.0	90	<1	10	<1	135	<1	38	13	<1
A00226544	1.1	50	<1	19	<1	114	<1	41	24	<1
A00226545	1.3	50	<1	13	<1	113	<1	42	19	<1
A00226546	0.2	<10	<1	10	<1	37	<1	30	21	<1
A00226547	2.8	30	<1	7	<1	68	<1	33	11	<1
A00226548	2.8	<10	<1	4	<1	39	<1	12	5	<1
*Rep A00226476	2.1	40	<1	10	<1	99	<1	40	15	<1
*Rep A00226493	0.7	240	<1	27	<1	76	2	32	30	<1
*Rep A00226504	2.0	450	<1	9	<1	132	<1	30	15	<1
*Rep A00226520	1.6	200	<1	19	<1	247	<1	87	32	<1
*Rep A00226536	1.3	40	<1	16	<1	100	<1	70	21	<1
*Rep A00226545	1.4	50	<1	13	<1	111	<1	38	18	<1
*Std MMISRM16	0.3	80	26	2	<1	331	<1	6	4	<1
*Std AMISO169	2.7	110	<1	99	<1	270	<1	53	62	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
A00226475	3580	<1	1	<10	5.6	<3	<0.5	13	<1	39
A00226476	930	<1	3	<10	10.0	218	<0.5	8	<1	79
A00226477	1790	<1	2	<10	8.4	10	<0.5	9	<1	54
A00226478	520	<1	4	<10	9.4	222	<0.5	9	<1	125
A00226479	1090	<1	3	<10	6.7	76	<0.5	7	<1	107
A00226480	690	<1	3	<10	9.9	341	<0.5	6	<1	81
A00226481	1280	<1	3	<10	5.2	20	<0.5	7	<1	120
A00226482	2150	<1	13	<10	13.7	8	0.6	66	<1	497
A00226483	1280	<1	3	<10	10.5	392	<0.5	5	<1	82
A00226484	1820	<1	3	<10	11.0	17	<0.5	12	<1	100
A00226485	330	<1	7	<10	19.7	553	<0.5	13	<1	201
A00226486	430	<1	5	<10	17.2	413	<0.5	14	<1	152
A00226487	290	<1	2	<10	9.1	162	<0.5	13	<1	74
A00226488	370	<1	3	<10	8.4	272	<0.5	4	<1	85
A00226489	1490	<1	7	<10	12.1	77	<0.5	24	<1	230
A00226490	1410	<1	2	<10	9.6	88	<0.5	12	<1	52
A00226491	870	<1	4	<10	18.0	752	<0.5	8	<1	127
A00226492	1940	<1	2	<10	6.3	36	<0.5	5	<1	55
A00226493	990	<1	6	<10	12.7	280	<0.5	26	<1	230
A00226494	1120	<1	9	<10	18.2	177	<0.5	25	<1	369
A00226495	1630	<1	4	<10	15.2	35	<0.5	16	<1	149
A00226496	650	<1	6	<10	21.4	804	<0.5	13	<1	208
A00226497	220	<1	4	<10	21.4	908	<0.5	9	<1	108
A00226498	340	<1	4	<10	10.7	373	<0.5	11	<1	132
A00226499	370	<1	5	<10	32.0	837	<0.5	11	<1	126
A00226500	1640	<1	<1	<10	2.0	17	<0.5	8	<1	32
A00226501	250	<1	4	<10	17.5	620	<0.5	8	<1	135
A00226502	330	<1	3	<10	16.7	530	<0.5	8	<1	106
A00226503	1340	<1	8	<10	14.1	66	<0.5	19	<1	326
A00226504	290	<1	3	<10	11.3	362	<0.5	9	<1	102
A00226505	370	<1	3	<10	12.1	555	<0.5	7	<1	109
A00226506	980	<1	4	<10	6.3	145	<0.5	10	<1	130
A00226507	840	<1	3	<10	6.6	169	<0.5	8	<1	106
A00226508	2060	<1	6	<10	9.4	57	<0.5	8	<1	207
A00226509	640	<1	3	<10	9.2	285	<0.5	8	<1	88
A00226510	850	<1	3	<10	8.9	228	<0.5	6	<1	77
A00226511	320	<1	3	<10	12.7	461	<0.5	8	<1	111
A00226512	220	<1	3	<10	15.8	636	<0.5	9	<1	95
A00226513	260	<1	2	<10	13.4	531	<0.5	8	<1	72
A00226514	1100	<1	2	<10	10.3	12	<0.5	15	<1	86
A00226515	1370	<1	2	<10	7.0	4	<0.5	15	<1	67
A00226516	200	<1	3	<10	19.9	836	<0.5	10	<1	105
A00226517	1520	<1	3	<10	14.3	431	<0.5	10	<1	101

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
A00226518	580	<1	8	<10	17.2	629	<0.5	14	<1	282
A00226519	160	<1	7	<10	20.5	384	<0.5	19	<1	348
A00226520	1100	<1	8	<10	28.8	251	<0.5	20	<1	288
A00226521	1470	<1	17	<10	21.6	56	0.5	69	<1	800
A00226522	80	<1	2	<10	20.3	456	<0.5	9	<1	89
A00226523	960	<1	8	<10	17.0	270	<0.5	22	<1	344
A00226524	790	<1	2	<10	15.4	985	<0.5	7	<1	66
A00226525	510	<1	5	<10	15.4	491	<0.5	12	<1	188
A00226526	760	<1	5	<10	11.1	293	<0.5	6	<1	196
A00226527	540	<1	1	<10	8.0	259	<0.5	7	<1	38
A00226528	450	<1	5	<10	13.0	181	<0.5	11	<1	176
A00226529	400	<1	7	<10	12.8	762	<0.5	7	<1	241
A00226530	420	<1	3	<10	11.7	211	<0.5	9	<1	92
A00226531	390	<1	4	<10	20.8	732	<0.5	8	<1	152
A00226532	1360	<1	5	<10	8.7	28	<0.5	10	<1	133
A00226533	2680	<1	5	<10	10.3	12	<0.5	8	<1	142
A00226534	340	<1	6	<10	11.0	181	<0.5	14	<1	219
A00226535	570	<1	2	<10	14.0	431	<0.5	10	<1	70
A00226536	2170	<1	3	<10	10.8	67	<0.5	11	<1	92
A00226537	830	<1	2	<10	5.9	174	<0.5	4	<1	54
A00226538	340	<1	3	<10	14.8	516	<0.5	10	<1	92
A00226539	390	<1	3	<10	17.8	830	<0.5	8	<1	86
A00226540	1210	<1	2	<10	9.9	206	<0.5	6	<1	46
A00226541	500	<1	2	<10	10.3	358	<0.5	6	<1	64
A00226542	1070	<1	3	<10	9.0	87	<0.5	25	<1	133
A00226543	510	<1	2	<10	10.4	362	<0.5	9	<1	77
A00226544	690	<1	4	<10	14.4	284	<0.5	16	<1	127
A00226545	1510	<1	4	<10	7.3	65	<0.5	12	<1	126
A00226546	2810	<1	4	<10	6.0	6	<0.5	10	<1	153
A00226547	1100	<1	2	<10	4.5	66	<0.5	8	<1	76
A00226548	1970	<1	<1	<10	6.6	29	<0.5	9	<1	18
*Rep A00226476	1080	<1	3	<10	9.8	171	<0.5	8	<1	87
*Rep A00226493	1030	<1	5	<10	10.3	225	<0.5	25	<1	185
*Rep A00226504	340	<1	3	<10	11.2	325	<0.5	10	<1	124
*Rep A00226520	1160	<1	8	<10	30.1	281	<0.5	19	<1	317
*Rep A00226536	2250	<1	4	<10	10.9	64	<0.5	12	<1	122
*Rep A00226545	1490	<1	4	<10	7.5	63	<0.5	11	<1	115
*Std MMISRM16	470	<1	<1	<10	16.9	5	<0.5	47	<1	8
*Std AMISO169	80	<1	5	<10	81.6	455	1.2	26	<1	125
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Final : TO121378 Order: Project:Dartt

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
A00226475	3	20	32
A00226476	6	80	111
A00226477	4	<20	56
A00226478	11	130	113
A00226479	7	110	55
A00226480	6	40	99
A00226481	9	40	56
A00226482	34	170	76
A00226483	6	170	78
A00226484	7	40	46
A00226485	16	170	194
A00226486	11	50	191
A00226487	5	50	101
A00226488	7	350	59
A00226489	16	110	73
A00226490	4	<20	46
A00226491	10	40	105
A00226492	4	70	44
A00226493	16	1320	84
A00226494	24	220	79
A00226495	10	50	78
A00226496	14	50	184
A00226497	8	130	199
A00226498	10	50	111
A00226499	10	220	205
A00226500	2	170	13
A00226501	10	150	161
A00226502	8	50	157
A00226503	22	50	56
A00226504	7	310	91
A00226505	9	280	118
A00226506	10	80	101
A00226507	7	130	78
A00226508	15	440	84
A00226509	7	160	74
A00226510	5	270	91
A00226511	9	880	130
A00226512	8	240	151
A00226513	6	100	143
A00226514	6	20	60
A00226515	4	30	36
A00226516	8	170	196
A00226517	7	140	88

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Final : TO121378 Order: Project:Dartt

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
A00226518	21	70	144
A00226519	31	450	266
A00226520	20	220	152
A00226521	47	590	101
A00226522	8	470	209
A00226523	22	1150	133
A00226524	5	610	128
A00226525	12	400	104
A00226526	13	660	57
A00226527	3	50	81
A00226528	12	60	120
A00226529	12	20	133
A00226530	5	140	80
A00226531	11	380	132
A00226532	8	120	49
A00226533	12	30	59
A00226534	16	50	157
A00226535	6	130	201
A00226536	7	40	121
A00226537	4	430	40
A00226538	8	60	211
A00226539	8	150	210
A00226540	4	30	89
A00226541	5	260	123
A00226542	11	30	122
A00226543	6	50	154
A00226544	10	30	185
A00226545	9	130	114
A00226546	10	20	37
A00226547	5	50	64
A00226548	1	30	57
*Rep A00226476	6	60	107
*Rep A00226493	13	930	74
*Rep A00226504	9	480	84
*Rep A00226520	20	230	139
*Rep A00226536	9	50	116
*Rep A00226545	9	170	110
*Std MMISRM16	<1	320	15
*Std AMISO169	10	230	51
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO121379

To: **Kory Dumas**
BC Gold Corp.
520-800 West Pender St.
VANCOUVER
BC V6C 2V6

Date: Jun 14, 2012

P.O. No. : Project:Dartt
Project No. : -
No. Of Samples : 56
Date Submitted : May 30, 2012
Report Comprises : Pages 1 to 13
(Inclusive of Cover Sheet)

Distribution of unused material:

Discard samples:

Certified By :

Bruce Robertson
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
A00226549	20	76	<10	0.4	2200	<1	340	4	69	17
A00226550	5	14	20	0.1	1120	<1	190	6	8	43
A00226551	32	119	<10	<0.1	390	<1	50	29	100	123
A00226552	22	80	<10	0.2	2450	<1	320	12	52	138
A00226553	56	124	<10	0.2	1410	<1	150	7	86	81
A00226554	26	120	<10	0.2	1060	<1	150	8	67	24
A00226555	40	145	10	0.3	2680	<1	170	5	171	65
A00226556	45	115	<10	0.1	2200	<1	200	10	104	125
A00226557	14	113	<10	<0.1	1800	<1	210	7	84	158
A00226558	23	96	<10	0.3	2590	<1	270	7	116	257
A00226559	14	104	<10	<0.1	2270	<1	180	4	106	238
A00226560	42	204	10	0.3	900	<1	60	10	159	44
A00226561	34	119	<10	<0.1	860	<1	200	6	85	22
A00226562	31	209	10	<0.1	1420	<1	110	18	171	52
A00226563	293	75	<10	0.3	830	<1	220	29	60	61
A00226564	118	27	<10	0.3	3780	<1	710	12	19	39
A00226565	20	58	<10	0.2	4030	<1	620	5	63	149
A00226566	13	167	<10	<0.1	2800	<1	150	37	66	112
A00226567	65	51	<10	0.3	2570	<1	560	15	64	39
A00226568	32	119	<10	0.1	2900	<1	260	9	107	12
A00226569	19	125	<10	<0.1	1880	<1	220	4	119	35
A00226570	18	175	<10	<0.1	1340	<1	130	4	171	89
A00226571	15	129	<10	<0.1	1530	<1	160	3	127	37
A00226572	20	82	<10	<0.1	1890	<1	400	6	190	18
A00226573	18	120	<10	<0.1	1730	<1	200	2	225	39
A00226574	18	91	<10	0.2	2210	<1	390	2	73	42
A00226575	21	126	<10	<0.1	2410	<1	180	6	166	25
A00226576	19	168	<10	<0.1	1310	<1	140	5	192	35
A00226577	11	85	<10	<0.1	1370	<1	280	2	53	18
A00226578	16	97	<10	<0.1	2410	<1	260	3	69	16
A00226579	15	77	<10	0.1	3350	<1	440	3	58	17
A00226580	28	82	<10	<0.1	1230	<1	170	5	76	11
A00226581	12	50	<10	0.1	3840	<1	450	4	174	160
A00226582	11	55	<10	0.3	3370	<1	450	4	114	115
A00226583	16	92	<10	<0.1	2260	<1	290	4	154	146
A00226584	6	50	<10	0.2	2030	<1	360	4	121	131
A00226585	25	18	<10	<0.1	1840	<1	570	8	20	121
A00226651	31	74	<10	0.3	1570	<1	360	3	106	13
A00226652	9	69	<10	0.1	1390	<1	380	10	113	54
A00226653	11	72	<10	0.2	2080	<1	280	5	163	164
A00226654	8	57	<10	0.2	2450	<1	450	4	163	245
A00226655	39	35	<10	0.2	2150	<1	590	11	43	128
A00226656	18	114	<10	0.1	4540	<1	260	3	79	51

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
A00226657	24	111	<10	0.2	1400	<1	210	4	78	182
A00226658	19	23	<10	0.2	3270	<1	650	8	6	30
A00226659	29	149	<10	<0.1	2430	<1	160	4	113	69
A00226660	31	49	<10	0.2	3540	<1	450	3	64	32
A00226661	24	88	<10	0.3	1940	<1	440	7	119	93
A00226662	35	41	<10	<0.1	1840	<1	560	9	115	297
A00226663	4	60	<10	0.3	3780	<1	480	3	245	950
A00226664	12	50	<10	0.3	1420	<1	540	3	139	247
A00226665	13	197	20	<0.1	1080	<1	120	8	149	71
A00226666	17	87	<10	<0.1	3010	<1	300	2	101	419
A00226667	16	140	<10	<0.1	1490	<1	170	4	107	269
A00226668	29	15	<10	0.1	2610	<1	620	4	31	113
A00226669	34	15	<10	0.1	2390	<1	600	3	39	84
*Rep A00226553	49	129	<10	0.2	1170	<1	140	6	83	59
*Rep A00226566	17	153	<10	<0.1	2650	<1	170	33	79	96
*Rep A00226652	7	92	<10	<0.1	1320	<1	320	12	99	99
*Rep A00226656	21	115	<10	<0.1	4140	<1	230	3	81	46
*Rep A00226667	17	142	<10	<0.1	1670	<1	170	4	105	290
*Std MMISRM16	20	34	10	27.5	60	<1	210	4	13	53
*Std AMISO169	8	59	10	0.3	730	<1	40	2	743	106
*BIK BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*BIK BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
A00226549	<100	2.6	1430	6	2.8	1.8	19	2	7	<1
A00226550	<100	0.6	520	4	2.6	1.2	9	<1	6	<1
A00226551	<100	9.4	2980	18	10.0	4.7	26	12	19	<1
A00226552	<100	5.3	570	4	2.5	1.7	15	2	5	<1
A00226553	<100	4.0	1830	16	8.8	3.2	20	5	14	<1
A00226554	<100	2.4	570	13	7.6	3.2	30	6	13	<1
A00226555	<100	6.9	700	15	7.3	4.5	73	10	17	<1
A00226556	<100	2.1	1180	37	20.7	9.4	61	4	39	<1
A00226557	<100	2.2	1130	22	12.8	5.0	46	3	21	<1
A00226558	<100	2.9	800	20	10.4	6.4	29	3	24	<1
A00226559	<100	2.9	1210	23	12.7	6.2	48	4	24	<1
A00226560	<100	7.6	690	23	11.5	5.9	60	15	24	<1
A00226561	<100	40.9	1640	17	9.6	5.7	28	5	17	<1
A00226562	<100	5.8	590	28	14.2	5.6	78	11	24	<1
A00226563	<100	6.5	670	5	3.0	1.6	8	3	6	<1
A00226564	<100	0.5	7270	14	7.1	4.5	10	<1	18	<1
A00226565	<100	<0.5	2060	20	12.1	6.0	14	1	24	<1
A00226566	<100	5.9	760	23	15.8	4.3	65	5	17	<1
A00226567	<100	1.3	3600	22	13.1	6.5	21	2	26	<1
A00226568	<100	2.6	780	20	11.1	4.9	36	3	20	<1
A00226569	<100	2.1	710	24	12.9	6.1	53	4	25	<1
A00226570	<100	4.6	600	24	12.8	6.3	57	11	25	<1
A00226571	<100	3.6	410	20	10.5	5.3	34	7	22	<1
A00226572	<100	0.6	890	33	18.9	8.5	58	2	34	<1
A00226573	<100	2.2	660	50	27.5	11.8	56	5	50	<1
A00226574	<100	0.6	1830	9	4.6	2.6	27	2	10	<1
A00226575	<100	2.7	630	24	12.4	5.6	37	5	23	<1
A00226576	<100	2.7	890	39	20.2	10.0	49	8	40	<1
A00226577	<100	1.1	430	10	5.3	2.8	44	2	11	<1
A00226578	<100	1.8	640	12	6.2	3.3	27	3	14	<1
A00226579	<100	0.7	630	17	9.4	4.4	26	2	18	<1
A00226580	<100	2.2	470	15	8.2	4.7	17	4	20	<1
A00226581	<100	0.7	960	23	12.8	7.0	38	2	27	<1
A00226582	<100	1.0	1320	17	9.2	5.1	28	1	20	<1
A00226583	<100	1.2	1180	48	27.4	12.4	67	2	52	<1
A00226584	<100	0.6	970	26	14.1	8.1	31	1	32	<1
A00226585	<100	0.8	4900	4	1.9	1.2	7	<1	5	<1
A00226651	<100	0.6	1760	18	9.4	4.8	34	2	20	<1
A00226652	<100	<0.5	680	39	21.1	11.8	43	2	46	<1
A00226653	<100	0.9	990	33	17.7	9.9	50	3	37	<1
A00226654	<100	<0.5	830	27	14.7	8.3	26	2	32	<1
A00226655	<100	<0.5	2330	24	13.8	6.4	14	<1	27	<1
A00226656	<100	4.0	1760	11	5.9	3.4	38	4	11	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
A00226657	<100	1.8	840	11	6.3	3.1	61	4	12	<1
A00226658	<100	<0.5	1280	4	2.1	1.3	12	<1	5	<1
A00226659	<100	4.5	1230	20	11.3	5.4	48	7	21	<1
A00226660	<100	0.7	2290	15	8.2	5.1	34	1	20	<1
A00226661	<100	<0.5	2330	22	11.3	6.2	24	1	23	<1
A00226662	<100	<0.5	3170	31	16.7	9.1	20	1	37	<1
A00226663	<100	<0.5	1440	38	21.3	11.1	54	1	44	<1
A00226664	<100	<0.5	1160	31	16.1	10.5	24	1	40	<1
A00226665	<100	4.6	530	29	15.8	6.9	81	10	27	<1
A00226666	<100	0.6	370	16	8.4	4.5	44	2	17	<1
A00226667	<100	2.7	980	16	9.1	3.9	61	5	15	<1
A00226668	<100	<0.5	4340	9	4.7	3.0	15	<1	12	<1
A00226669	<100	<0.5	4000	7	3.8	2.6	14	<1	10	<1
*Rep A00226553	<100	4.0	1740	16	9.0	3.3	19	6	14	<1
*Rep A00226566	<100	6.2	880	22	14.0	4.6	57	4	18	<1
*Rep A00226652	<100	<0.5	510	35	19.6	9.9	65	3	40	<1
*Rep A00226656	<100	3.5	1590	12	6.3	3.6	38	4	12	<1
*Rep A00226667	<100	2.7	980	17	9.8	3.8	59	5	15	<1
*Std MMISRM16	<100	10.3	670	2	0.7	0.9	2	<1	3	16
*Std AMISO169	<100	7.2	4300	26	11.8	11.1	40	12	42	<1
*BIK BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*BIK BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
A00226549	<0.5	19.4	13	<5	66	390	<5	<0.5	22	25
A00226550	<0.5	15.2	5	11	31	2340	6	<0.5	13	110
A00226551	<0.5	21.2	36	<5	14	8800	7	0.6	69	54
A00226552	<0.5	55.8	11	<5	24	36100	6	0.8	17	28
A00226553	<0.5	28.8	29	<5	10	8640	<5	0.6	48	22
A00226554	<0.5	24.7	24	<5	13	2680	<5	1.0	42	31
A00226555	<0.5	35.1	47	<5	13	3020	11	3.3	65	30
A00226556	<0.5	109	52	<5	37	6690	<5	2.3	100	75
A00226557	<0.5	29.3	31	<5	14	31800	5	1.0	58	63
A00226558	<0.5	38.9	45	<5	38	21300	<5	0.9	80	69
A00226559	<0.5	21.5	43	<5	29	37500	7	1.9	73	50
A00226560	<0.5	12.1	50	<5	6	6040	9	2.8	83	44
A00226561	<0.5	19.9	22	<5	6	6560	<5	1.5	45	22
A00226562	<0.5	53.7	45	<5	10	7580	10	2.2	74	60
A00226563	<0.5	20.1	10	<5	32	10100	5	<0.5	21	20
A00226564	<0.5	10.8	18	<5	42	2610	<5	<0.5	46	123
A00226565	<0.5	11.2	25	<5	49	14100	<5	<0.5	62	82
A00226566	<0.5	34.4	19	<5	17	29900	6	1.3	38	81
A00226567	<0.5	15.1	33	<5	22	7450	7	0.7	75	68
A00226568	<0.5	21.7	28	<5	20	1950	<5	0.9	57	42
A00226569	<0.5	90.8	40	<5	38	3510	8	1.7	77	47
A00226570	<0.5	100.0	52	<5	17	5090	10	2.2	89	49
A00226571	<0.5	32.2	43	<5	17	2620	13	1.1	75	28
A00226572	<0.5	30.5	47	<5	58	1170	34	1.0	106	118
A00226573	<0.5	33.3	62	<5	43	2340	17	1.5	141	46
A00226574	<0.5	32.4	18	<5	78	2070	23	0.5	31	44
A00226575	<0.5	43.1	40	<5	28	3830	5	1.3	69	36
A00226576	<0.5	18.8	61	<5	11	2360	9	1.5	119	38
A00226577	<0.5	74.1	17	<5	73	730	<5	1.5	33	57
A00226578	<0.5	30.9	23	<5	33	1420	<5	1.1	43	19
A00226579	<0.5	57.9	24	<5	68	290	<5	0.8	49	97
A00226580	<0.5	53.9	31	<5	24	1570	<5	0.5	72	11
A00226581	<0.5	22.7	49	<5	83	12900	<5	1.0	99	186
A00226582	<0.5	27.3	34	<5	83	4240	<5	0.6	66	87
A00226583	<0.5	37.5	69	<5	67	6280	9	1.9	145	178
A00226584	<0.5	31.1	56	<5	101	5510	5	<0.5	115	107
A00226585	<0.5	36.8	5	<5	68	20400	151	<0.5	14	217
A00226651	<0.5	20.9	32	<5	64	370	<5	0.9	65	36
A00226652	<0.5	36.3	71	<5	99	4990	<5	0.8	137	219
A00226653	<0.5	30.2	70	<5	78	15300	<5	1.2	136	114
A00226654	<0.5	27.3	60	<5	130	19600	<5	<0.5	117	179
A00226655	<0.5	29.4	23	<5	161	10500	11	<0.5	65	211
A00226656	<0.5	15.2	25	<5	39	1220	18	1.4	41	30

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
A00226657	<0.5	83.0	24	<5	23	7940	16	1.9	42	45
A00226658	<0.5	50.1	8	<5	62	350	8	<0.5	16	74
A00226659	<0.5	90.7	40	<5	25	3600	19	1.5	70	43
A00226660	<0.5	21.0	28	<5	66	1090	60	0.8	63	37
A00226661	<0.5	75.5	37	<5	76	4840	26	<0.5	74	110
A00226662	<0.5	36.5	49	<5	125	24100	22	1.2	116	376
A00226663	<0.5	44.0	97	<5	127	20300	<5	0.6	167	373
A00226664	<0.5	13.2	65	<5	129	10500	7	<0.5	136	123
A00226665	<0.5	61.1	45	<5	19	8240	15	1.9	83	107
A00226666	<0.5	59.2	37	<5	79	7260	<5	1.3	58	131
A00226667	<0.5	54.5	31	<5	27	21100	24	1.9	52	84
A00226668	<0.5	24.8	13	<5	93	5900	77	0.5	36	90
A00226669	<0.5	24.6	12	<5	85	2030	50	<0.5	30	79
*Rep A00226553	<0.5	27.3	29	<5	8	5280	6	0.6	48	22
*Rep A00226566	<0.5	32.8	23	<5	16	33500	7	1.4	44	84
*Rep A00226652	<0.5	38.2	56	<5	84	6390	<5	1.3	110	202
*Rep A00226656	<0.5	14.6	27	<5	36	1180	16	1.5	43	31
*Rep A00226667	<0.5	53.5	30	<5	30	24600	21	1.7	50	89
*Std MMISRM16	<0.5	37.1	3	<5	32	90	48	<0.5	11	227
*Std AMISO169	<0.5	44.5	383	<5	32	4150	<5	3.0	366	446
*BIK BLANK	<0.5	<0.1	<1	<5	<1	10	<5	<0.5	<1	<5
*BIK BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
A00226549	0.5	20	<1	5	<1	79	<1	36	6	<1
A00226550	0.7	<10	<1	2	<1	22	<1	6	4	<1
A00226551	1.0	130	<1	14	<1	130	<1	50	17	<1
A00226552	0.6	10	<1	4	<1	164	<1	16	5	<1
A00226553	0.7	80	<1	10	<1	91	<1	33	13	<1
A00226554	1.1	70	<1	8	<1	111	<1	36	12	<1
A00226555	4.0	470	<1	15	<1	128	<1	40	16	<1
A00226556	2.7	370	<1	20	<1	90	<1	71	29	<1
A00226557	1.0	40	<1	12	<1	143	<1	53	16	<1
A00226558	1.5	50	<1	16	<1	85	<1	38	20	<1
A00226559	1.4	50	<1	15	<1	86	<1	45	20	<1
A00226560	5.3	530	<1	18	<1	151	<1	39	22	<1
A00226561	1.0	90	<1	9	<1	60	<1	55	15	<1
A00226562	5.6	440	<1	16	<1	194	<1	44	20	<1
A00226563	0.3	130	<1	4	<1	103	<1	9	6	<1
A00226564	0.1	<10	<1	8	<1	36	<1	12	14	<1
A00226565	0.3	<10	<1	11	<1	51	<1	23	18	<1
A00226566	1.0	80	<1	8	<1	146	<1	76	12	<1
A00226567	0.3	20	<1	14	<1	58	<1	25	21	<1
A00226568	0.8	50	<1	11	<1	110	<1	47	16	<1
A00226569	3.4	60	<1	15	<1	139	<1	56	21	<1
A00226570	4.4	60	<1	19	<1	253	<1	54	23	<1
A00226571	2.0	60	<1	15	<1	158	<1	46	20	<1
A00226572	1.0	30	<1	21	<1	61	<1	60	29	<1
A00226573	4.0	50	<1	27	<1	182	<1	101	41	<1
A00226574	1.8	10	<1	6	<1	65	<1	28	8	<1
A00226575	2.5	50	<1	14	<1	150	<1	66	19	<1
A00226576	3.1	70	<1	24	<1	97	<1	70	33	<1
A00226577	4.2	20	<1	6	<1	81	<1	29	9	<1
A00226578	1.9	30	<1	8	<1	108	<1	30	12	<1
A00226579	2.0	30	<1	9	<1	73	<1	38	14	<1
A00226580	2.3	30	<1	13	<1	141	<1	41	18	<1
A00226581	0.9	<10	<1	19	<1	75	<1	35	25	<1
A00226582	1.2	60	<1	13	<1	86	<1	40	17	<1
A00226583	2.4	30	<1	28	<1	115	<1	81	41	<1
A00226584	1.0	<10	<1	22	<1	51	<1	38	28	<1
A00226585	0.2	<10	<1	2	<1	53	<1	7	4	<1
A00226651	3.1	20	<1	13	<1	64	<1	56	17	<1
A00226652	2.3	30	<1	26	<1	11	<1	58	37	<1
A00226653	1.5	10	<1	27	<1	88	<1	64	33	<1
A00226654	0.6	<10	<1	23	<1	33	<1	34	28	<1
A00226655	0.2	<10	<1	11	<1	38	<1	24	20	<1
A00226656	1.5	40	<1	8	<1	107	<1	28	10	<1

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
A00226657	3.5	40	<1	9	<1	136	<1	37	11	<1
A00226658	0.3	<10	<1	3	<1	51	<1	7	4	<1
A00226659	2.1	60	<1	14	<1	297	<1	40	18	<1
A00226660	0.5	10	<1	11	<1	92	<1	17	16	<1
A00226661	0.5	10	<1	14	<1	35	<1	44	20	<1
A00226662	0.1	<10	<1	22	<1	33	<1	23	31	<1
A00226663	0.2	<10	<1	34	<1	47	<1	69	39	<1
A00226664	0.3	<10	<1	26	<1	48	<1	42	35	<1
A00226665	5.0	110	<1	17	<1	194	<1	56	24	<1
A00226666	1.2	40	<1	12	<1	104	<1	40	15	<1
A00226667	4.3	40	<1	11	<1	171	<1	51	14	<1
A00226668	0.4	<10	<1	6	<1	37	<1	10	10	<1
A00226669	0.2	<10	<1	6	<1	30	<1	10	8	<1
*Rep A00226553	0.8	80	<1	10	<1	83	<1	33	13	<1
*Rep A00226566	0.8	60	<1	9	<1	146	<1	76	13	<1
*Rep A00226652	4.4	70	<1	21	<1	16	<1	65	32	<1
*Rep A00226656	1.6	50	<1	9	<1	104	<1	28	11	<1
*Rep A00226667	3.7	50	<1	10	<1	172	<1	53	13	<1
*Std MMISRM16	0.2	70	24	2	<1	305	<1	7	4	<1
*Std AMISO169	2.7	100	<1	94	<1	250	<1	56	60	<1
*BIK BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*BIK BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
A00226549	1100	<1	<1	<10	9.9	81	<0.5	4	<1	25
A00226550	1710	<1	<1	<10	2.7	10	<0.5	8	<1	31
A00226551	100	<1	3	<10	9.5	121	<0.5	9	<1	98
A00226552	870	<1	1	<10	6.0	41	0.6	6	<1	20
A00226553	310	<1	2	<10	10.9	143	<0.5	11	<1	78
A00226554	360	<1	2	<10	10.2	276	<0.5	7	<1	70
A00226555	340	<1	2	<10	29.0	1040	<0.5	9	<1	65
A00226556	600	<1	6	<10	14.5	527	<0.5	9	<1	221
A00226557	530	<1	3	<10	11.9	208	<0.5	10	<1	131
A00226558	910	<1	3	<10	11.7	236	<0.5	8	<1	110
A00226559	720	<1	4	<10	14.7	676	<0.5	11	<1	126
A00226560	160	<1	4	<10	25.9	1270	<0.5	8	<1	108
A00226561	230	<1	3	<10	15.1	395	<0.5	9	<1	77
A00226562	240	<1	4	<10	25.6	659	<0.5	11	<1	128
A00226563	820	<1	<1	<10	4.4	50	<0.5	14	<1	30
A00226564	5150	<1	2	<10	9.3	5	<0.5	6	<1	81
A00226565	2760	<1	3	<10	8.7	7	<0.5	17	<1	119
A00226566	680	<1	3	<10	18.7	288	<0.5	15	<1	134
A00226567	1080	<1	4	<10	8.0	14	<0.5	15	<1	154
A00226568	880	<1	3	<10	12.9	204	<0.5	10	<1	108
A00226569	800	<1	4	<10	13.6	372	<0.5	8	<1	126
A00226570	310	<1	4	<10	22.3	655	<0.5	10	1	118
A00226571	420	<1	3	<10	14.0	323	<0.5	10	<1	106
A00226572	1600	<1	5	<10	15.4	58	<0.5	39	<1	174
A00226573	840	<1	8	<10	16.1	458	<0.5	13	<1	259
A00226574	1410	<1	1	<10	8.5	47	<0.5	5	<1	43
A00226575	610	<1	4	<10	13.7	596	<0.5	9	<1	121
A00226576	340	<1	6	<10	19.8	523	<0.5	10	<1	195
A00226577	770	<1	2	<10	7.8	131	<0.5	5	<1	54
A00226578	870	<1	2	<10	9.4	225	<0.5	6	<1	64
A00226579	1800	<1	3	<10	5.1	29	<0.5	10	<1	101
A00226580	370	<1	3	<10	6.0	120	<0.5	9	<1	86
A00226581	2230	<1	4	<10	12.0	31	<0.5	17	<1	139
A00226582	2070	<1	3	<10	11.1	29	<0.5	9	<1	94
A00226583	1250	<1	7	<10	12.9	271	<0.5	11	<1	310
A00226584	1720	<1	4	<10	17.6	38	<0.5	9	<1	152
A00226585	1830	<1	<1	<10	3.6	5	0.5	18	<1	22
A00226651	1190	<1	3	<10	8.6	45	<0.5	10	<1	93
A00226652	1390	<1	6	<10	10.0	151	<0.5	19	<1	233
A00226653	1240	<1	5	<10	11.6	290	<0.5	9	<1	186
A00226654	1950	<1	4	<10	10.2	30	<0.5	9	<1	155
A00226655	2590	<1	4	<10	8.6	3	<0.5	45	<1	148
A00226656	1260	<1	2	<10	15.4	593	<0.5	7	<1	55

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
A00226657	590	<1	2	<10	12.9	554	<0.5	7	<1	59
A00226658	2250	<1	<1	<10	3.9	31	<0.5	15	<1	21
A00226659	400	<1	3	<10	16.2	570	<0.5	8	<1	105
A00226660	1710	<1	2	<10	10.1	40	<0.5	13	<1	101
A00226661	1720	<1	3	<10	12.9	37	<0.5	13	<1	115
A00226662	2450	<1	5	<10	12.2	10	<0.5	86	<1	192
A00226663	2710	<1	6	<10	10.0	64	<0.5	13	<1	220
A00226664	2400	<1	5	<10	15.4	17	<0.5	11	<1	172
A00226665	290	<1	5	<10	16.6	521	<0.5	8	<1	146
A00226666	1470	<1	3	<10	11.3	119	<0.5	7	<1	90
A00226667	570	<1	2	<10	15.4	517	<0.5	7	<1	83
A00226668	2370	<1	2	<10	7.6	15	<0.5	72	<1	55
A00226669	2040	<1	1	<10	8.7	17	<0.5	55	<1	43
*Rep A00226553	250	<1	2	<10	12.4	153	<0.5	11	<1	78
*Rep A00226566	670	<1	3	<10	17.3	283	<0.5	15	<1	131
*Rep A00226652	1080	<1	6	<10	10.6	235	<0.5	12	<1	215
*Rep A00226656	1030	<1	2	<10	14.8	632	<0.5	7	<1	60
*Rep A00226667	670	<1	2	<10	15.5	462	<0.5	8	<1	87
*Std MMISRM16	450	<1	<1	<10	18.1	<3	<0.5	43	<1	7
*Std AMISO169	70	<1	5	<10	81.4	446	1.1	24	1	118
*BIK BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*BIK BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Final : TO121379 Order: Project:Dartt

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
A00226549	2	<20	75
A00226550	2	170	12
A00226551	8	140	88
A00226552	2	110	49
A00226553	7	60	135
A00226554	6	70	111
A00226555	6	90	236
A00226556	15	240	129
A00226557	10	30	101
A00226558	8	70	83
A00226559	9	40	113
A00226560	9	170	223
A00226561	9	90	187
A00226562	11	270	222
A00226563	2	110	50
A00226564	5	<20	22
A00226565	9	<20	48
A00226566	13	70	109
A00226567	11	30	47
A00226568	8	50	109
A00226569	10	160	144
A00226570	10	80	264
A00226571	8	50	168
A00226572	15	40	96
A00226573	20	30	170
A00226574	3	100	54
A00226575	9	170	175
A00226576	15	90	192
A00226577	4	40	76
A00226578	5	80	112
A00226579	7	40	64
A00226580	6	70	96
A00226581	10	310	72
A00226582	7	80	80
A00226583	20	100	118
A00226584	11	30	80
A00226585	2	<20	16
A00226651	7	40	84
A00226652	16	420	62
A00226653	13	40	100
A00226654	10	30	64
A00226655	11	<20	38
A00226656	5	30	97

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Final : TO121379 Order: Project:Dartt

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
A00226657	5	40	110
A00226658	2	<20	20
A00226659	8	40	154
A00226660	7	<20	39
A00226661	8	40	43
A00226662	15	<20	45
A00226663	16	30	68
A00226664	12	<20	66
A00226665	13	100	171
A00226666	6	20	85
A00226667	7	80	157
A00226668	4	<20	33
A00226669	3	20	24
*Rep A00226553	7	70	150
*Rep A00226566	12	60	112
*Rep A00226652	14	680	74
*Rep A00226656	5	30	103
*Rep A00226667	7	60	150
*Std MMISRM16	<1	300	13
*Std AMISO169	9	220	48
*BIK BLANK	<1	<20	<5
*BIK BLANK	<1	<20	<5

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