

**Ministry of Energy and Mines**  
BC Geological Survey

**Assessment Report**  
**Title Page and Summary**

TYPE OF REPORT [type of survey(s)]: Geochemical Report on the Dartt Lake Property

TOTAL COST: \$10,651.34

AUTHOR(S): Gary Sidhu SIGNATURE(S): \_\_\_\_\_

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): \_\_\_\_\_ YEAR OF WORK: 2010

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5000870, August 30, 2011

PROPERTY NAME: Dartt Lake

CLAIM NAME(S) (on which the work was done): Dartt Lake1 (832539), Dartt Lake 2 (832541),

COMMODITIES SOUGHT: Gold, Copper, and Molybdenum

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: \_\_\_\_\_

MINING DIVISION: Nicola NTS/BCGS: 0921/027, 037

LATITUDE: 50 ° 30 ' 17 " LONGITUDE: 120 ° 67 ' 24 " (at centre of work)

OWNER(S):

1) BCGOLD CORP 2) \_\_\_\_\_

MAILING ADDRESS:

Suite 520 - 800 West Pender Street

Vancouver, British Columbia Canada V6C2V6

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

1) BCGOLD CORP 2) \_\_\_\_\_

MAILING ADDRESS:

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Intermontane Belt, Quesnellia Terrane, Nicola Group Volcanics, Late Triassic to Early Jurassic Diorites,

Cu-Au-Mo Porphyry Target

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 27476, 9880, 4765

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
<b>Ground, mapping</b>	_____	_____	_____
<b>Photo interpretation</b>	_____	_____	_____
<b>GEOPHYSICAL (line-kilometres)</b>			
<b>Ground</b>			
<b>Magnetic</b>	_____	_____	_____
<b>Electromagnetic</b>	_____	_____	_____
<b>Induced Polarization</b>	_____	_____	_____
<b>Radiometric</b>	_____	_____	_____
<b>Seismic</b>	_____	_____	_____
<b>Other</b>	_____	_____	_____
<b>Airborne</b>		_____	_____
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
<b>Soil 62</b>	_____	_____	\$3,801.58
<b>Silt</b>	_____	_____	_____
<b>Rock</b>	_____	_____	_____
<b>Other</b>	_____	_____	_____
<b>DRILLING (total metres; number of holes, size)</b>			
<b>Core</b>	_____	_____	_____
<b>Non-core</b>	_____	_____	_____
<b>RELATED TECHNICAL</b>			
<b>Sampling/assaying</b> <u>SGS Minerals</u>	_____	_____	\$2,346.70
<b>Petrographic</b>	_____	_____	_____
<b>Mineralographic</b>	_____	_____	_____
<b>Metallurgic</b>	_____	_____	_____
<b>PROSPECTING (scale, area)</b>		_____	_____
<b>PREPARATORY / PHYSICAL</b>			
<b>Line/grid (kilometres)</b>	_____	_____	_____
<b>Topographic/Photogrammetric (scale, area)</b>	_____	_____	_____
<b>Legal surveys (scale, area)</b>	_____	_____	_____
<b>Road, local access (kilometres)/trail</b>	_____	_____	_____
<b>Trench (metres)</b>	_____	_____	_____
<b>Underground dev. (metres)</b>	_____	_____	_____
<b>Other</b> <u>Office Studies and PAC</u>	_____	_____	\$4,503.06
		<b>TOTAL COST:</b>	\$10,651.34

**BC Geological Survey  
Assessment Report  
32569**

## **Geochemical Report on the Dartt Lake Property**

Dartt Lake 1 (832539), Dartt Lake 2 (832541)  
Nicola Mining Division  
British Columbia

NTS 0921/07  
BCGS 0921/027, 037

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**

Gary Sidhu  
November 29, 2011

## Table of Contents

Introduction.....	3
Location and Description.....	3
Access, Topography, Vegetation and Climate.....	6
Access .....	6
Topography, Vegetation and Climate .....	6
Exploration History.....	6
Geological Setting.....	7
Regional Setting.....	7
Property Geology .....	10
2010 Exploration Program.....	10
Geochemistry .....	10
MMI™ Soil Survey .....	10
Method .....	11
Sample Preparation and Analysis .....	13
Results.....	14
Gold.....	14
Copper.....	14
Molybdenum.....	14
Conclusions.....	14
Recommendations.....	15
Statement of Expenditures .....	15
Statement of Qualifications.....	16
MMI™ Maps for Select Elements.....	18
Works Cited .....	19
Appendix I: MMI™ Sample and Analyses Listing .....	20
Appendix II: Analytical Certificates.....	21

## Table of Figures

Figure 1: Dartt Lake Location Map .....	4
Figure 2: Dartt Lake Claim Map.....	5
Figure 3: Location and access map of Swakum Mountain Area. ....	8
Figure 4: Dartt Lake Property Geology Map.....	9

## 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 were originally interpreted as flood or plateau basalt has now been interpreted as a valley filling lavas, with more limited and thinner extent on the surrounding areas (Lustig, Quesnel Generative Mar1-11 Draft, 2011). This report discusses the follow up work conducted by BCGold Corp.

## 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). At the time the assessment work was being conducted only 2 claims had been staked Dartt Lake 1 and Dartt Lake 2. Dartt Lake 3 and Dartt Lake 4 were added following the geochemical survey. 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

 **Dartt Lake Location**


**BC Administrative Area Layers**

-  **Cities**

**Topographic Layers**

-  **Roads 1:6M**
  -  Trunk Road
  -  Major Roads
  -  All Others
-  **Lakes 1:6M**
-  **Rivers 1:6M**
-  **Sea**

**BC Border Layers**

-  **BC Border 1:6M**

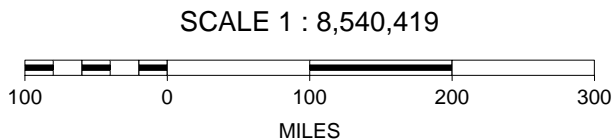




Figure 2: Dart Lake Claim Map

## 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.

## 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 calcalkaline 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 subgreenschist 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).

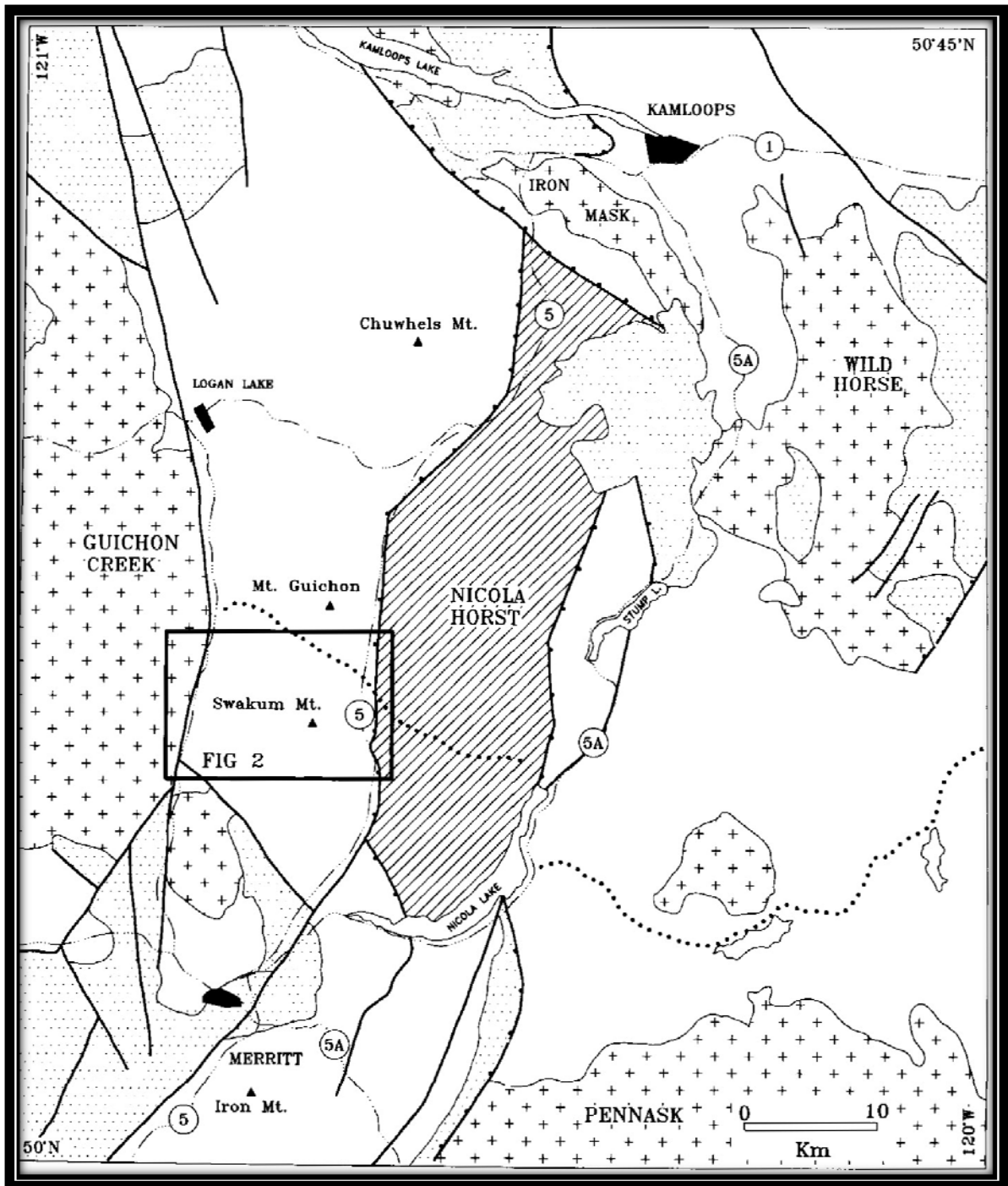


Figure 3: Location and access map of Swakum Mountain Area. Nicola Group and minor pre-Nicola stratified rocks are unpatterned; undifferentiated igneous and metamorphic rocks of the Nicola horst are hatched. Crosses: Late Triassic-Jurassic plutons, with names of batholiths. Stipple: post-Nicola volcanic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

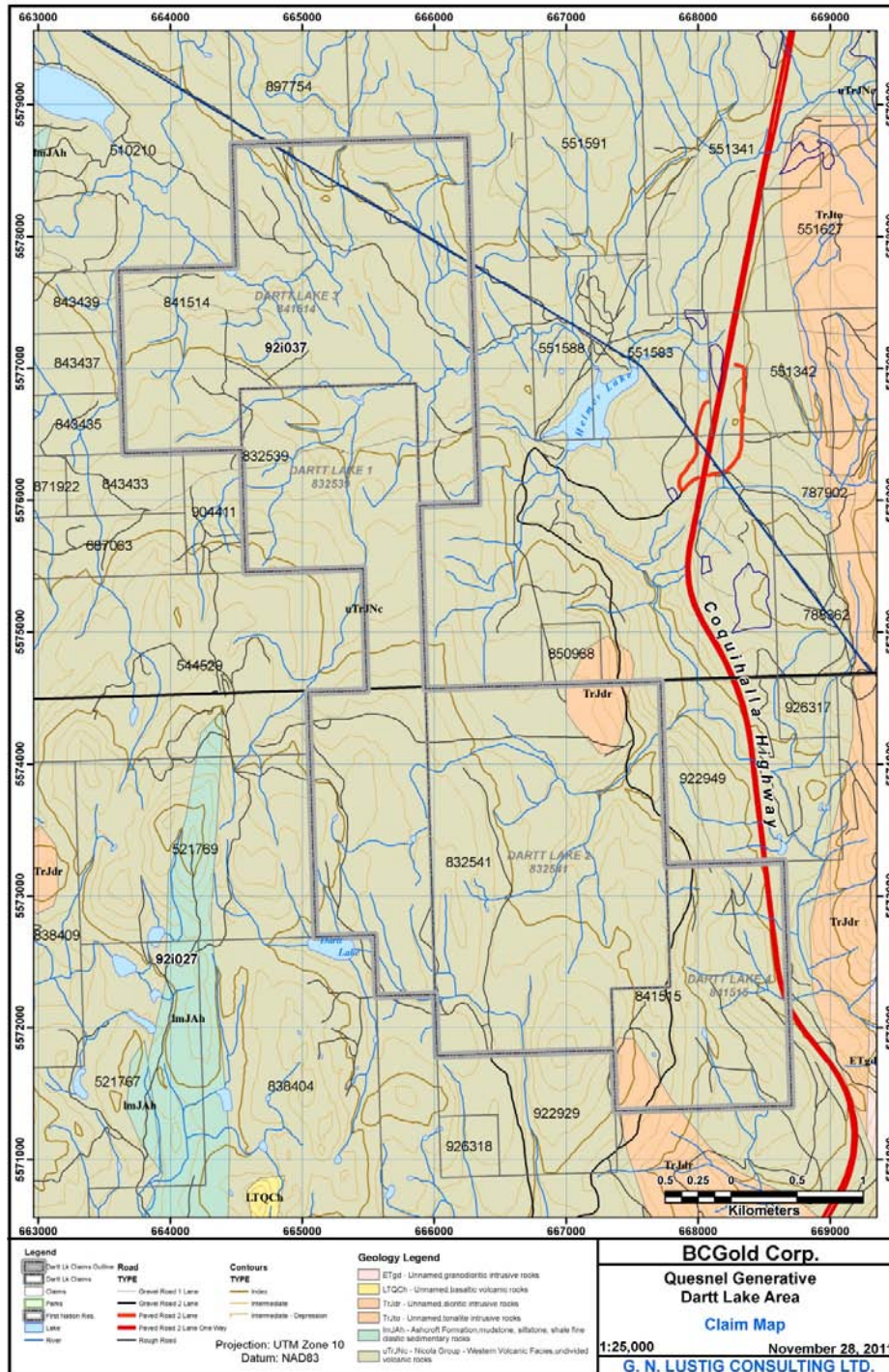


Figure 4: Dart Lake Property Geology Map

## Property Geology

The property is underlain by the western facies of the Upper Nicola Group (figure 4). This facies consists of calcalkaline volcanic rocks and lesser epiclastic rocks, and is remarkable for the appearance of intermediate to felsic volcanic centres, 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).

## 2010 Exploration Program

The Dartt Lake property was acquired based on new geochemical results based on re-assays of historic silt samples (GBC 2010-4) and an airborne gravity survey, both funded by Geoscience BC (Lustig, Quesnel Generative Mar1-11 Draft, 2011). The re-analyses of regional silt samples using higher resolution ICP-MS allowed the identification of subtle anomalies that may be related to buried Cu-Au mineralization.

An initial reconnaissance field program was carried out with the objective of confirming the stream sediment anomalies. A small number of samples were taken and analysed for multiple elements by ICP-OES/MS. Results of this program were inconclusive and was followed by a wide spaced MMI™ soil survey. Samples were spaced 200 m apart on lines 500 m apart. The rationale for this wide spacing is that the target is large and not well constrained geologically, geophysically or geochemically by previous surveys, so it was necessary to cover as large an area as possible with the resources available.

## Geochemistry

### MMI™ Soil Survey

The 2010 soil sampling program on the Dartt Lake property consisted of a MMI™ reconnaissance soil sampling survey with samples spaced 200 m apart along 500 m spaced E-W oriented lines. Pre-determined sampling sites were located by GPS, with no physical grid established on the ground. A total of 62 samples were collected as part of this program. The sampling phase of the program was

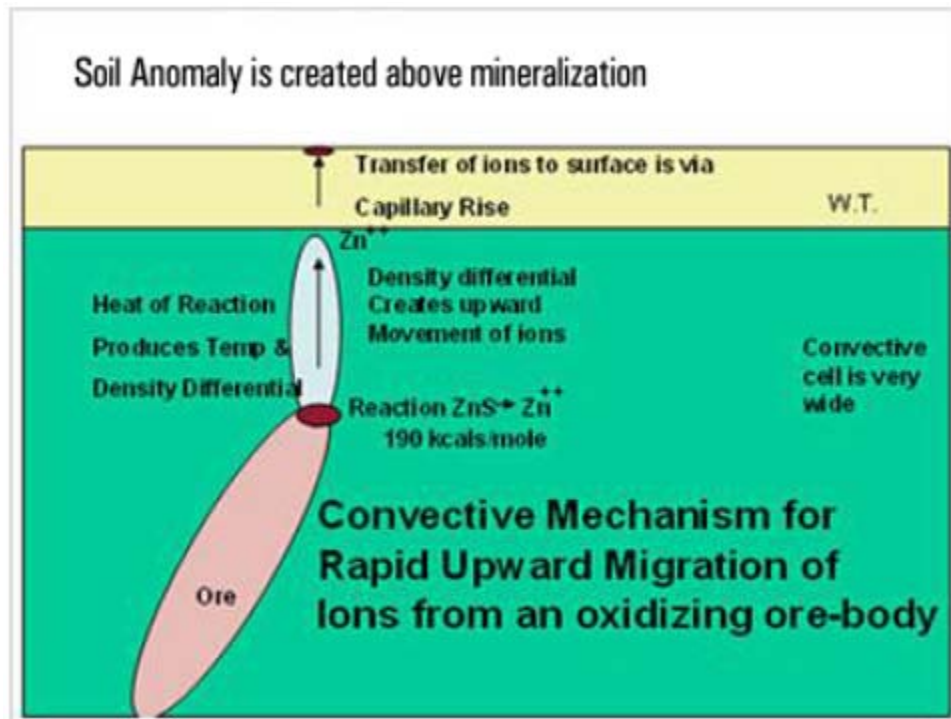
contracted to Geotronics Consulting Inc. under the supervision of David Mark, P. Geo.

## Method

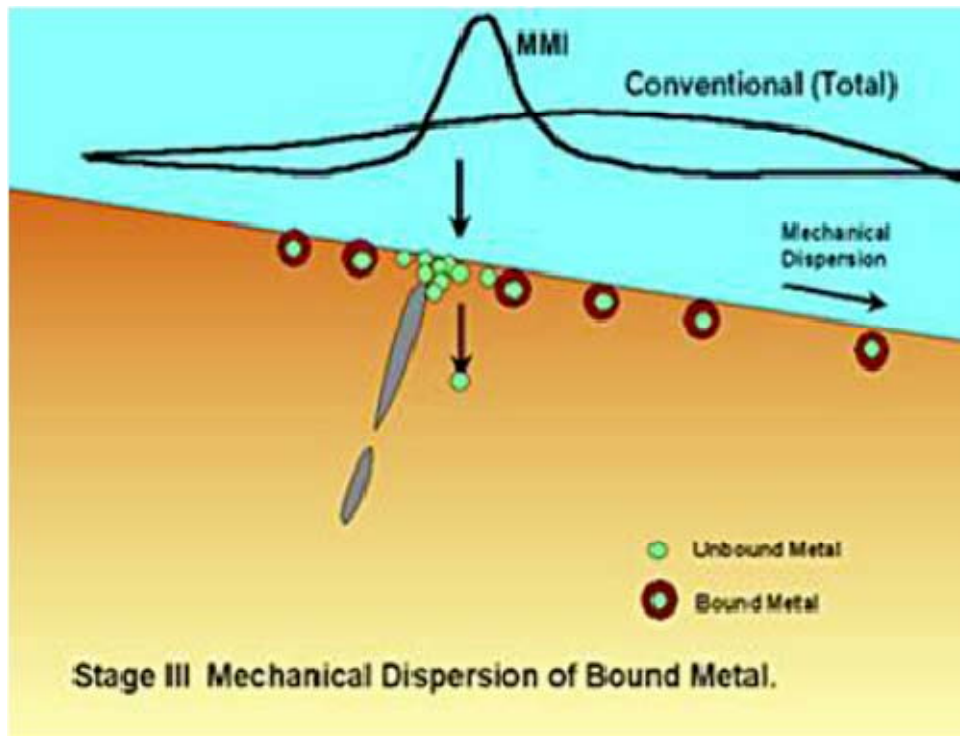
The MMI™ method is a proprietary analytical method owned by SGS which is based on a weak leach to detect anomalous concentrations of metals that have migrated from buried mineralization into the surface environment. Following is a description of the method theory from the SGS web site (<http://www.geochem.sgs.com/mmitheory.htm>):

*“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 provided by Geotronics. Following basic statistical analyses, a suite of elements including Ag, Ca, Cd, Ce, Cu, K, La, Mo, Pb, Yb and Zn were selected for plotting and further investigation. MMI™ sample and analyses listing can be found in Appendix I and analytical certificates can be found in Appendix II. For the selected elements, individual maps are presented (at the end of the report) with symbols and a gridded image of the analytical value. Interpreted outlines for Au, Cu, and Mo indicate anomalous areas based on examination of the raw values, response ratios (RR) and gridded images. Histograms, probability and box and whisker charts are included on each map.

### Gold

Higher gold values are concentrated in the south-western part of the property with high values of 2.2-3 ppb (RR=44-60).

### Copper

The strongest copper anomaly has a peak value of 18900 ppb (RR=29). This anomalous area is on the property boundary and is a cluster of 5 anomalous samples. Another more isolated sample returned a value of 12700 ppb copper (RR=20).

### Molybdenum

The most prominent molybdenum anomaly is near the southern end of the property with a peak value of 64 ppb (RR=26), surrounded by a number of samples ranging from 13-15 ppb Mu (RR=5-6).

## Conclusions

The pattern displayed by anomalous MMI™ analyses indicates there is potential for buried Cu±Au mineralization. As is to be expected with the extensive Kamloops and Chilcotin groups cover, anomalies are subtle, but can be traced over considerable distances. Recent studies have indicated that the young basalts are



better characterized as `valley` rather than `plateau` basalts` and tend to be thick in the valleys, with only a thin and possibly discontinuous veneer in higher areas. The extensive glacial drift cover has generally masked the true extent of the cover sequence and also hampered exploration in the area. The new high resolution stream sediment geochemical data and airborne gravity data recently released by Geoscience has provided information for prioritizing target areas within the covered portions of the Quesnel Terrane. The recent survey on the Dartt Lake property has located geochemical anomalies for Cu-Au-Mo that should be further investigated for buried Cu±Au±Mo porphyry mineralization.

## Recommendations

The MMI™ surveys should be followed up with more detailed geochemical surveys following an orientation surveys. Some profiles over the more significant anomalies should include MMI, humus and aqua regia digest ICP-OES/MS analyses.

Magnetic and IP surveys should be conducted to map sub-surface geology and outline targets for drilling cover

## Statement of Expenditures

<b>Dartt Lake Expense Report 2010</b>				
<b>Assays</b>	<b>Description</b>	<b>Samples</b>	<b>Price</b>	<b>Total</b>
SGS Minerals	MMI Samples	62	\$37.85	\$2,346.70
<b>Field Crew</b>		Days	Price	
Geotronics	MMI Sampling Crew	3	\$1,050	\$3,150.00
<b>Field Expenses</b>				
	Food, Accomodation, Transport and Fuel			\$651.58
<b>Office Studies</b>		Days	Price	
Gary Lustig / Geologist	Literature Search / Data Compilation	2	\$750	\$1,500.00
Gary Sidhu / Geologist	Data Processing	2	\$525	\$1,050.00
Darren O'Brien / Geologist	Report Writing	1	\$750	\$750.00
<b>Total Expenditures</b>				\$9,448.28
	PAC credit			\$1203.06
Total Assessment Filed				\$10,651.34

## 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 September 2010 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 30<sup>th</sup> day of November, 2011 at Vancouver, BC, Canada.

Darren L. O'Brien, P.Geo

## Statement of Qualifications

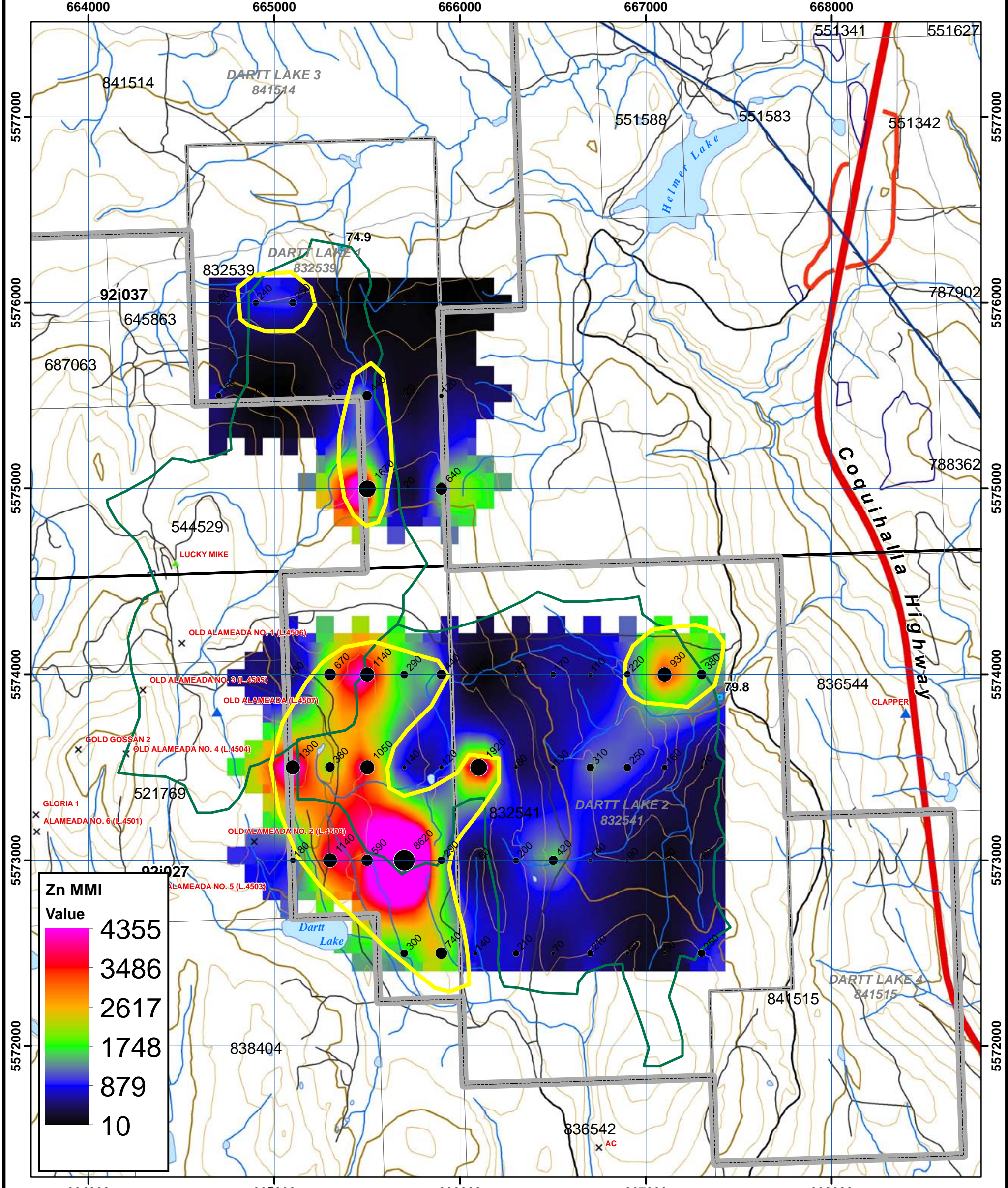
I, Gary Sidhu hereby certify that:

1. I reside at 41 – 650 Roche Point Drive, North Vancouver, BC, Canada V7H 2Z5
2. I have attended the Bachelor of Science Degree program in Earth and Ocean Sciences at the University of Victoria (2007), Victoria, BC, Canada.
3. I have practiced my profession continuously since 2007 and have worked on exploration projects in British Columbia and the Yukon Territory.
4. I am a Geologist 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 Clear Range Property. I am responsible for data compilation, and preparation of the report.
6. I hold no interest in the Dartt Lake property. I am a shareholder of BCGold Corp.

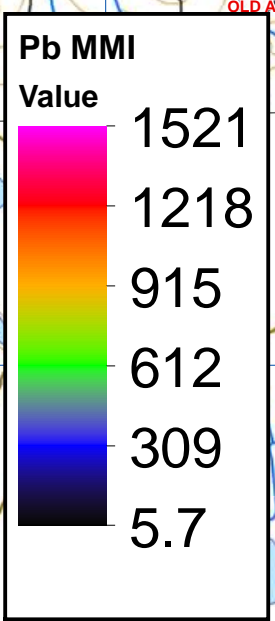
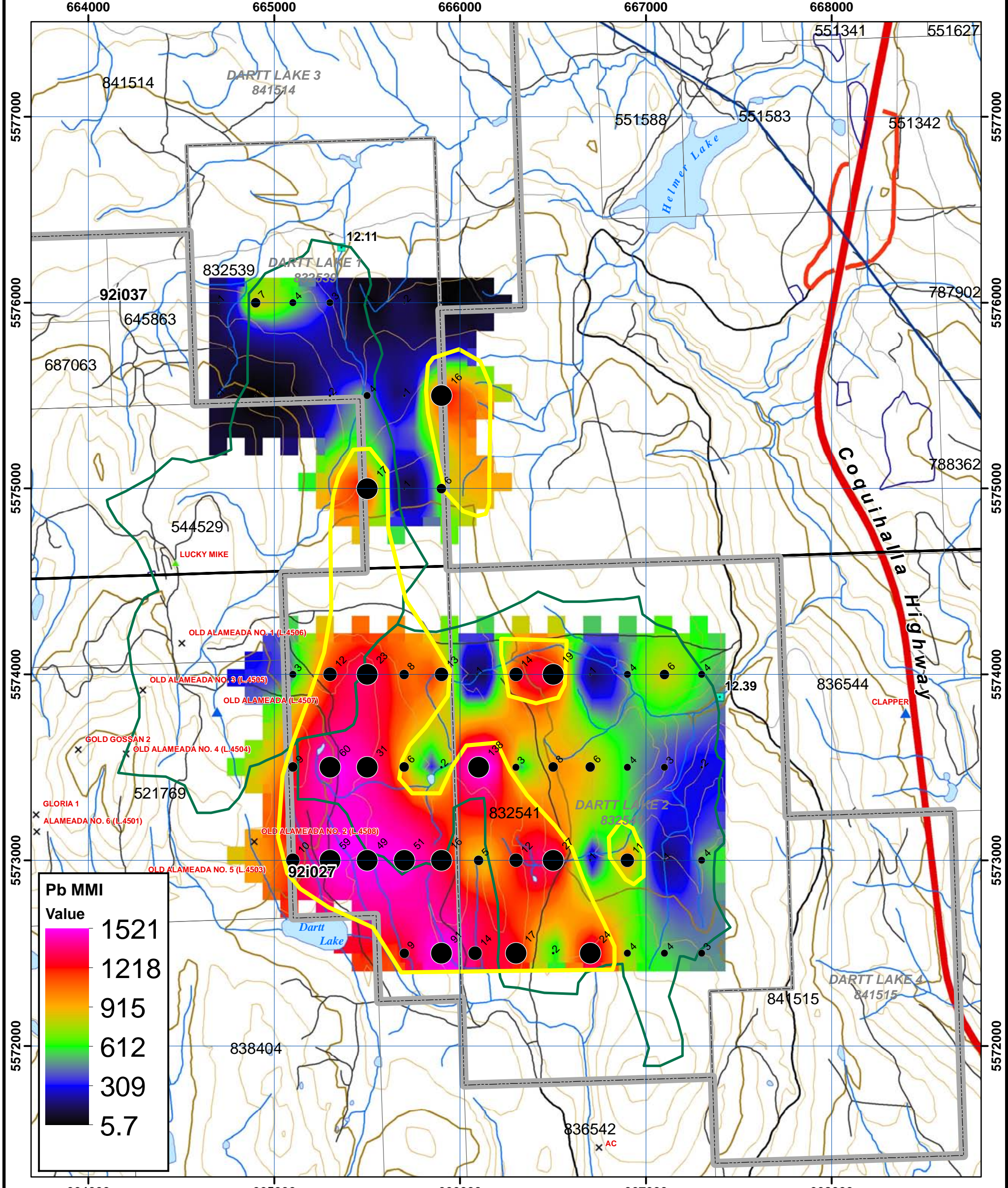
Dated on November 30, 2011 at Vancouver, BC, Canada

Signed “Gary Sidhu”

## **MMI™ Maps for Select Elements**



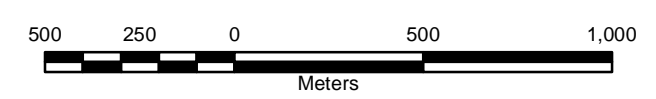
<b>Legend</b> 		<b>Zn MMI</b> <b>Zn_ppb</b> • 10 - 20 • 21 - 50 • 51 - 100 • 101 - 140 • 141 - 180 • 181 - 240 • 241 - 310 • 311 - 440 • 441 - 740 • 741 - 1300 • 1301 - 1920 • 1921 - 8620	<b>Zn Str. Sed.</b> <b>ZN_ICP_PPM</b> • 10 - 24 • 25 - 36 • 37 - 47 • 48 - 57 • 58 - 70 • 71 - 93 • 94 - 125 • 126 - 181 • 182 - 251 • 252 - 440 • 441 - 852 • 853 - 4517	 Projection: UTM Zone 10 Datum: NAD83
<b>BCGold Corp.</b> <b>Quesnel Generative</b> <b>Dartt Lake Area</b> <b>MMI Geochemistry</b> <b>Zinc</b>		<b>1:20,000</b>		<b>January 18, 2011</b> <b>G. N. LUSTIG CONSULTING LTD.</b>



**Legend**

- Lake
- River
- Road TYPE**
  - Gravel Road 1 Lane
  - Gravel Road 2 Lane
  - Paved Road 2 Lane
  - Paved Road 2 Lane One Way
  - Rough Road
- Contours TYPE**
  - Index
  - Intermediate
  - Intermediate - Depression
- Parks
- First Nation Res.
- Anom. Drainages
- Dartt Lk Claims Outline
- Claims
- Dartt Lk Claims
- Minfile STATUS\_D**
  - Anomaly
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - DL\_Pb\_Anom

- |                  |                     |
|------------------|---------------------|
| <b>Pb MMI RR</b> | <b>Pb Str. Sed.</b> |
| <b>Pb_RR</b>     | <b>PB_ICP_PPM</b>   |
| • 1.0 - 2.0      | ▪ 0.96 - 2.96       |
| ● 2.1 - 4.9      | ▪ 2.97 - 4.40       |
| ● 5.0 - 9.9      | ▪ 4.41 - 5.81       |
| ● 10.0 - 15.0    | ▪ 5.82 - 7.25       |
| ● 15.1 - 150.0   | ▪ 7.26 - 9.02       |
|                  | ▪ 9.03 - 11.08      |
|                  | ▪ 11.09 - 13.95     |
|                  | ▪ 13.96 - 19.02     |
|                  | ▪ 19.03 - 26.51     |
|                  | ▪ 26.52 - 44.09     |
|                  | ▪ 44.10 - 92.16     |
|                  | ▪ 92.17 - 154.50    |



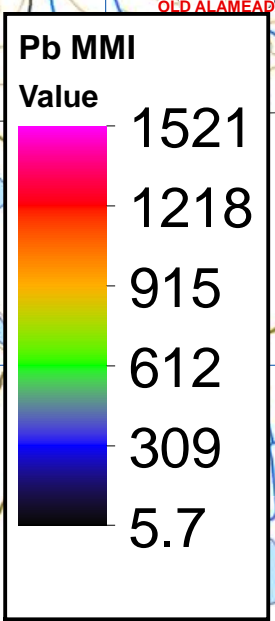
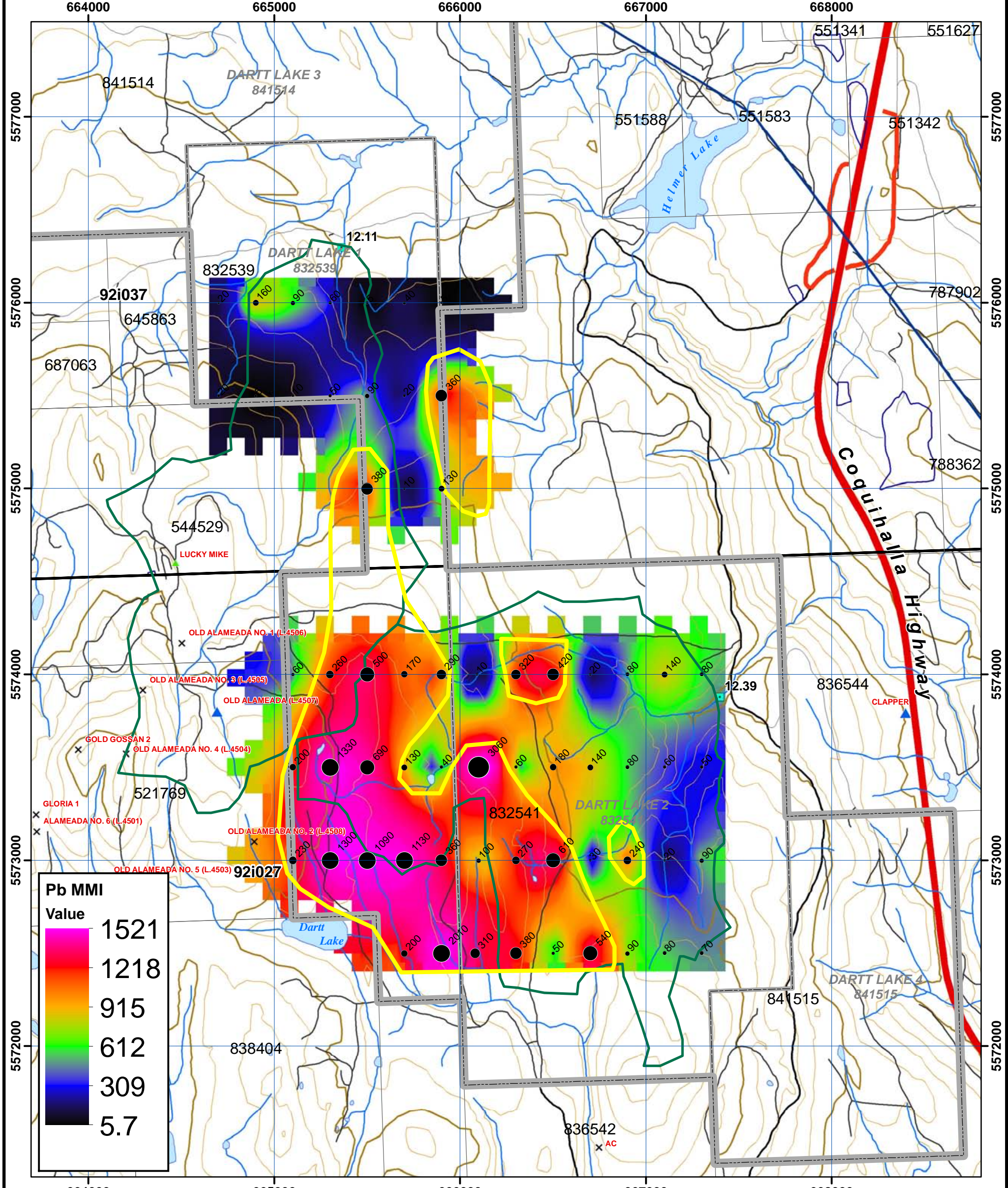
Projection: UTM Zone 10  
Datum: NAD83

**BCGold Corp.**

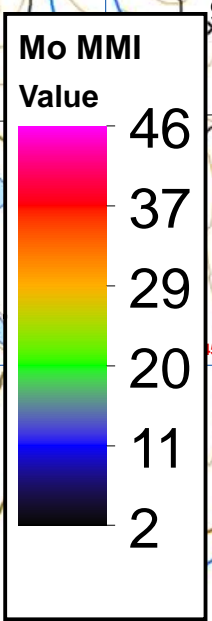
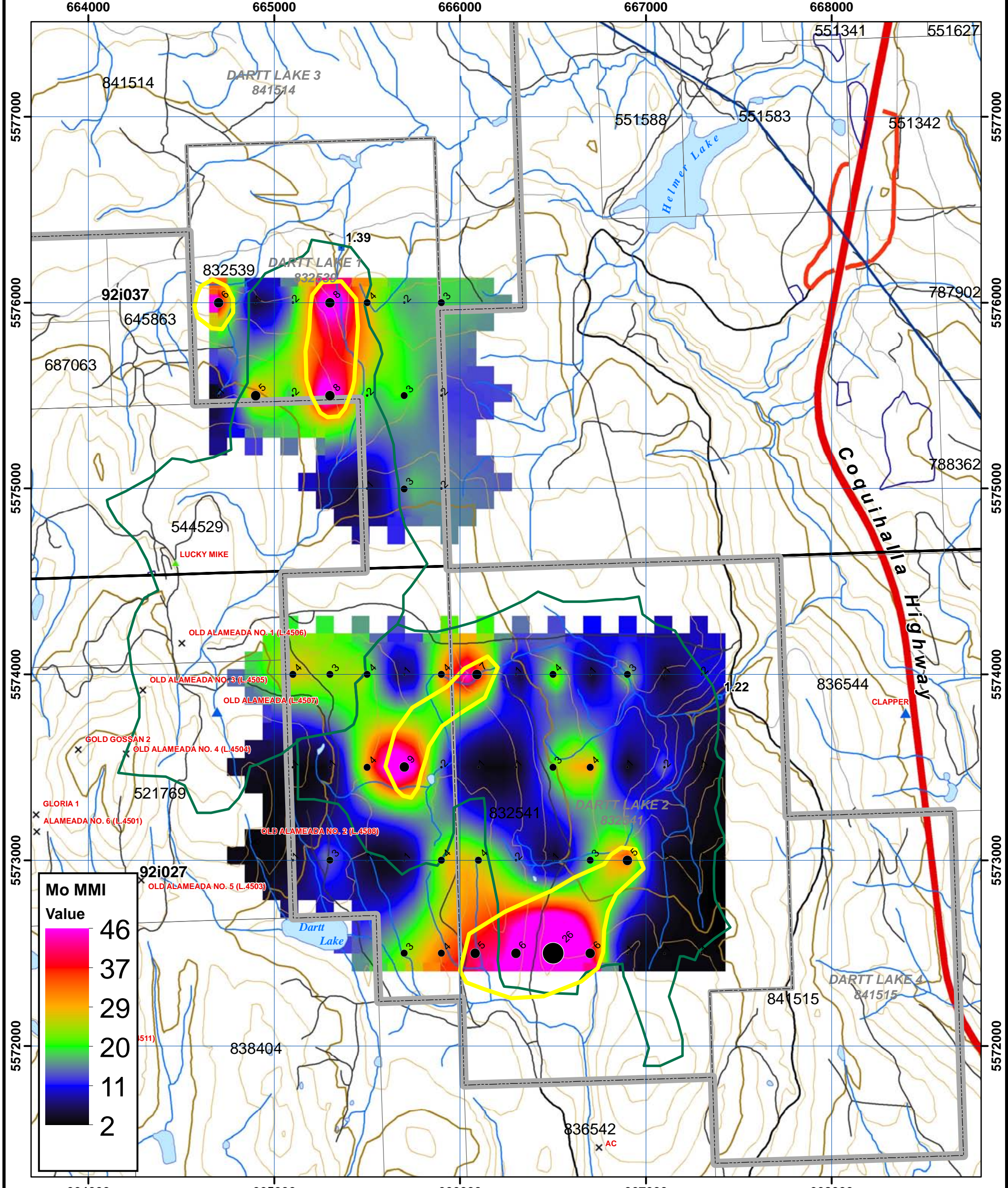
**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Lead Response Ratios**

1:20,000 January 18, 2011

**G. N. LUSTIG CONSULTING LTD.**



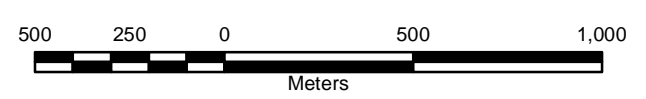
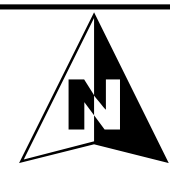
<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>Lake</li> <li>River</li> </ul> <p><b>Road TYPE</b></p> <ul style="list-style-type: none"> <li>Gravel Road 1 Lane</li> <li>Gravel Road 2 Lane</li> <li>Paved Road 2 Lane</li> <li>Paved Road 2 Lane One Way</li> <li>Rough Road</li> </ul> <p><b>Contours TYPE</b></p> <ul style="list-style-type: none"> <li>Index</li> <li>Intermediate</li> <li>Intermediate - Depression</li> </ul>		<ul style="list-style-type: none"> <li>Parks</li> <li>First Nation Res.</li> <li>Anom. Drainages</li> <li>Dartt Lk Claims Outline</li> <li>Claims</li> <li>Dartt Lk Claims</li> </ul> <p><b>Minfile STATUS_D</b></p> <ul style="list-style-type: none"> <li>△ Anomaly</li> <li>▲ Developed Prospect</li> <li>▲ Past Producer</li> <li>★ Producer</li> <li>▲ Prospect</li> <li>× Showing</li> <li>DL_Pb_Anom</li> </ul>		<p><b>Pb MMI Pb_ppb</b></p> <ul style="list-style-type: none"> <li>• 5 - 30</li> <li>• 31 - 60</li> <li>• 61 - 80</li> <li>• 81 - 100</li> <li>• 101 - 160</li> <li>• 161 - 200</li> <li>• 201 - 270</li> <li>• 271 - 320</li> <li>• 321 - 420</li> <li>• 421 - 690</li> <li>• 691 - 2010</li> <li>• 2011 - 3060</li> </ul>	<p><b>Pb Str. Sed. PB_ICP_PPM</b></p> <ul style="list-style-type: none"> <li>▪ 0.96 - 2.96</li> <li>▪ 2.97 - 4.40</li> <li>▪ 4.41 - 5.81</li> <li>▪ 5.82 - 7.25</li> <li>▪ 7.26 - 9.02</li> <li>▪ 9.03 - 11.08</li> <li>▪ 11.09 - 13.95</li> <li>▪ 13.96 - 19.02</li> <li>▪ 19.03 - 26.51</li> <li>▪ 26.52 - 44.09</li> <li>▪ 44.10 - 92.16</li> <li>▪ 92.17 - 154.50</li> </ul>	
		<p>Meters</p>		<p>Projection: UTM Zone 10 Datum: NAD83</p>		
				<p><b>BCGold Corp.</b></p> <p><b>Quesnel Generative Dartt Lake Area</b></p> <p><b>MMI Geochemistry Lead</b></p>		
				<p>1:20,000 <span style="float: right;">January 18, 2011</span></p> <p><b>G. N. LUSTIG CONSULTING LTD.</b></p>		



- Legend**
- Lake
  - River
- Road TYPE**
- Gravel Road 1 Lane
  - Gravel Road 2 Lane
  - Paved Road 2 Lane
  - Paved Road 2 Lane One Way
  - Rough Road
- Contours TYPE**
- Index
  - Intermediate
  - Intermediate - Depression

- Parks
  - First Nation Res.
  - Anom. Drainages
  - Dartt Lk Claims Outline
  - Claims
  - Dartt Lk Claims
- Minfile STATUS\_D**
- △ Anomaly
  - ▲ Developed Prospect
  - ▲ Past Producer
  - ★ Producer
  - ▲ Prospect
  - × Showing
  - DL\_Mo\_Anom

- Mo MMI RR Mo\_RR**
- 1.0 - 2.0
  - 2.1 - 4.9
  - 5.0 - 9.9
  - 10.0 - 15.0
  - 15.1 - 100.0
- Mo Str. Sed. MO\_ICP\_PPM**
- 0.09 - 0.34
  - 0.35 - 0.52
  - 0.53 - 0.75
  - 0.76 - 1.12
  - 1.13 - 1.62
  - 1.63 - 2.40
  - 2.41 - 3.65
  - 3.66 - 6.40
  - 6.41 - 10.20
  - 10.21 - 18.34
  - 18.35 - 30.59
  - 30.60 - 63.51



Projection: UTM Zone 10  
Datum: NAD83

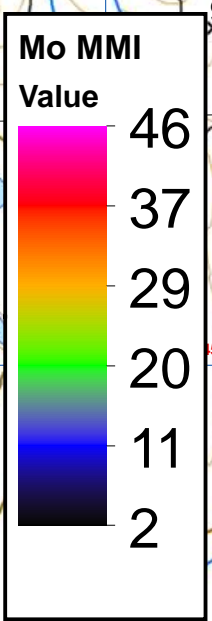
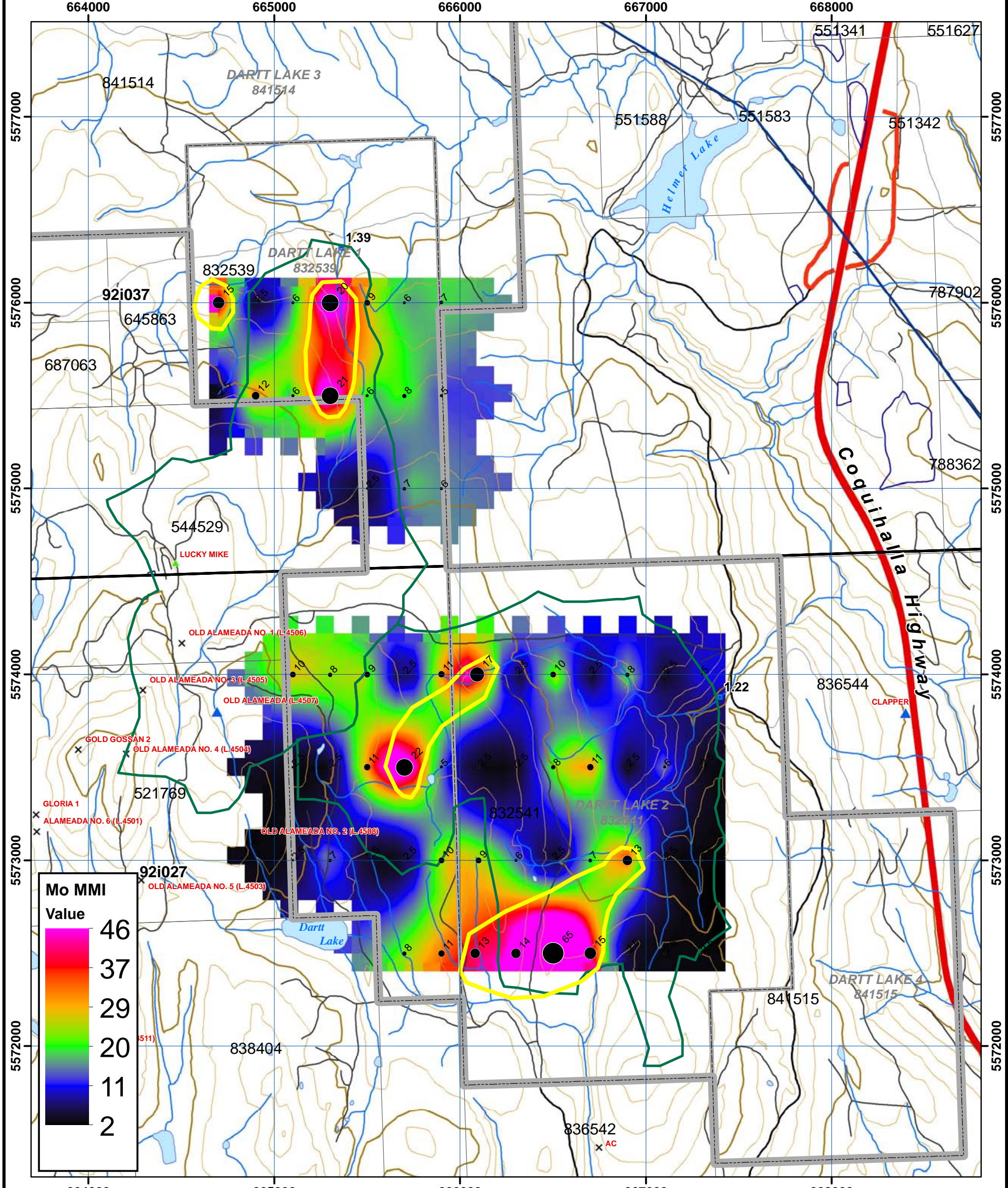
**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Molybdenum Response Ratios**

1:20,000  
January 18, 2011

**G. N. LUSTIG CONSULTING LTD.**





**Legend**

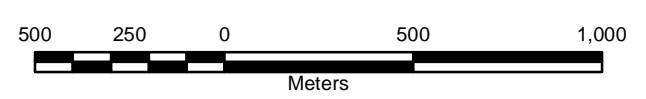
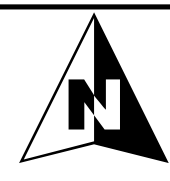
- Lake
- River
- Road**
- TYPE**
- Gravel Road 1 Lane
- Gravel Road 2 Lane
- Paved Road 2 Lane
- Paved Road 2 Lane One Way
- Rough Road
- Contours**
- TYPE**
- Index
- Intermediate
- Intermediate - Depression
- Parks
- First Nation Res.
- Anom. Drainages
- Dartt Lk Claims Outline
- Claims
- Dartt Lk Claims
- Minfile**
- STATUS\_D**
- △ Anomaly
- ▲ Developed Prospect
- ▲ Past Producer
- ★ Producer
- ▲ Prospect
- x Showing
- DL\_Mo\_Anom

**Mo MMI**  
**Mo\_ppb**

- 2.5
- 2.6 - 6.0
- 6.1 - 7.0
- 7.1 - 8.0
- 8.1 - 10.0
- 10.1 - 11.0
- 11.1 - 12.0
- 12.1 - 14.0
- 14.1 - 15.0
- 15.1 - 17.0
- 17.1 - 22.0
- 22.1 - 65.0

**Mo Str. Sed.**  
**MO\_ICP\_PPM**

- 0.09 - 0.34
- 0.35 - 0.52
- 0.53 - 0.75
- 0.76 - 1.12
- 1.13 - 1.62
- 1.63 - 2.40
- 2.41 - 3.65
- 3.66 - 6.40
- 6.41 - 10.20
- 10.21 - 18.34
- 18.35 - 30.59
- 30.60 - 63.51



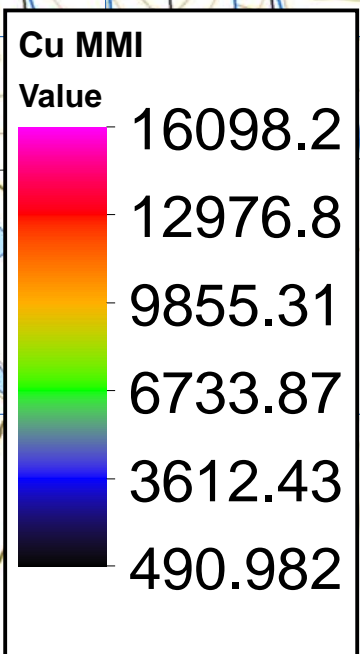
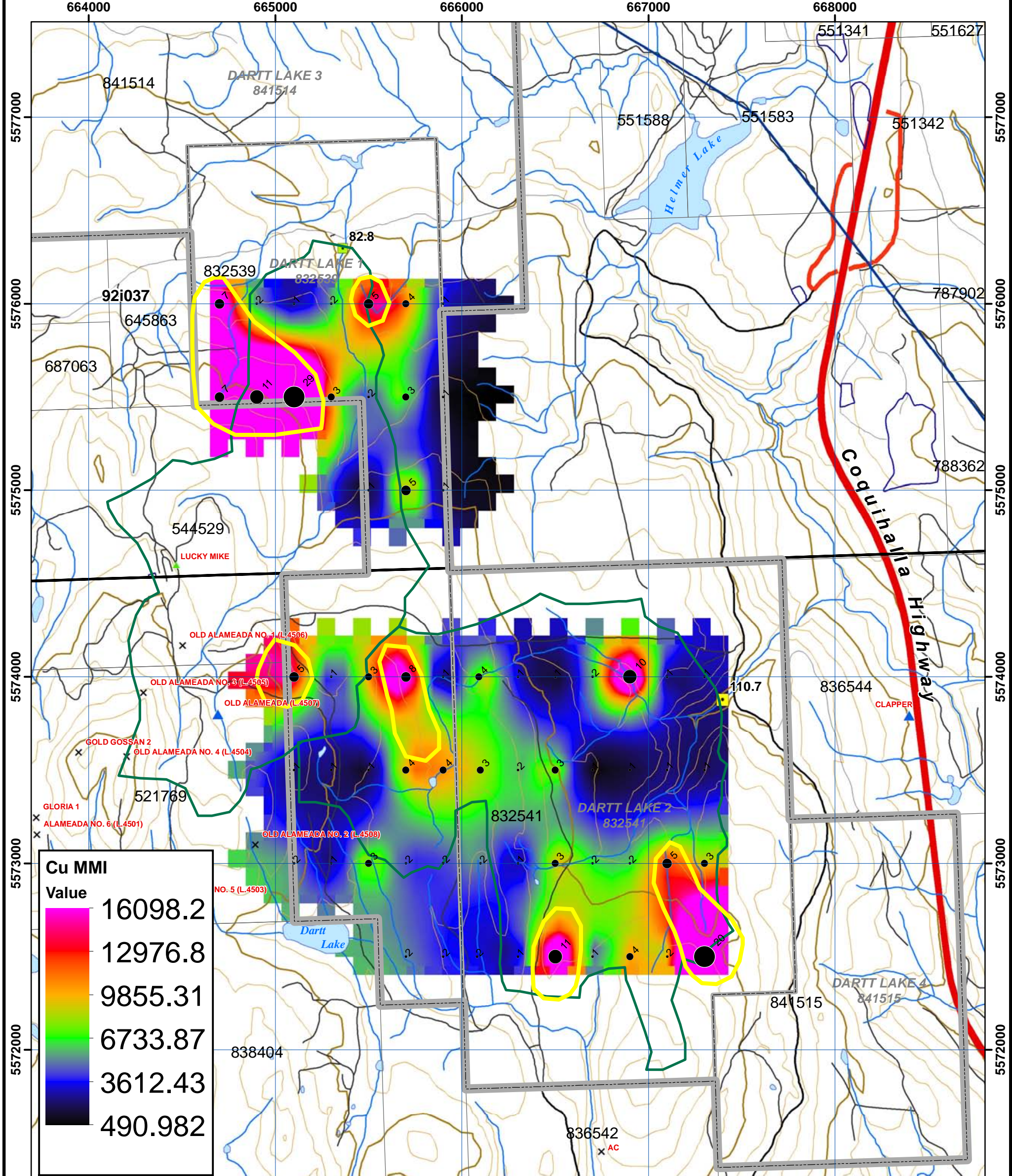
Projection: UTM Zone 10  
Datum: NAD83

**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Molybdenum**

1:20,000 January 18, 2011

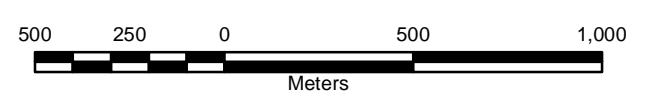
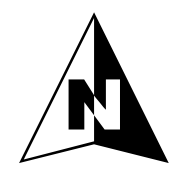
**G. N. LUSTIG CONSULTING LTD.**



**Legend**

- Lake
- River
- Road TYPE**
- Gravel Road 1 Lane
- Gravel Road 2 Lane
- Paved Road 2 Lane
- Paved Road 2 Lane One Way
- Rough Road
- Contours TYPE**
- Index
- Intermediate
- Intermediate - Depression
- Parks
- First Nation Res.
- Anom. Drainages
- Dartt Lk Claims Outline
- Claims
- Dartt Lk Claims
- Minfile STATUS\_D**
- △ Anomaly
- ▲ Developed Prospect
- ▲ Past Producer
- ★ Producer
- ▲ Prospect
- × Showing
- DL\_Cu\_Anom

- | <b>Cu MMI RR</b> | <b>Cu Str. Sed.</b> |
|------------------|---------------------|
| <b>Cu_RR</b>     | <b>CU_ICP_PPM</b>   |
| • 1.0 - 2.0      | • 1.3 - 10.9        |
| • 2.1 - 4.9      | • 11.0 - 18.7       |
| • 5.0 - 9.9      | • 18.8 - 26.2       |
| • 10.0 - 15.0    | • 26.3 - 34.5       |
| • 15.1 - 100.0   | • 34.6 - 44.7       |
|                  | • 44.8 - 58.1       |
|                  | • 58.2 - 75.2       |
|                  | • 75.3 - 103.6      |
|                  | • 103.7 - 160.3     |
|                  | • 160.4 - 240.9     |
|                  | • 241.0 - 490.1     |
|                  | • 490.2 - 874.1     |



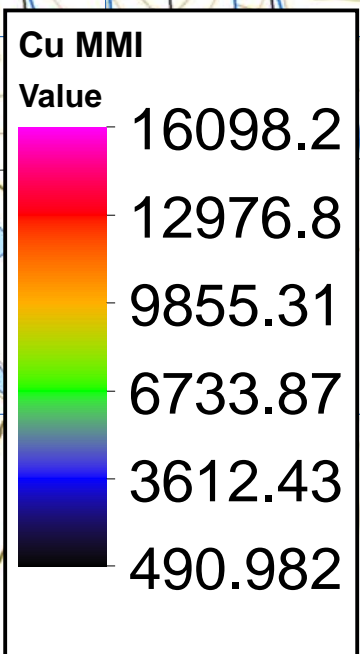
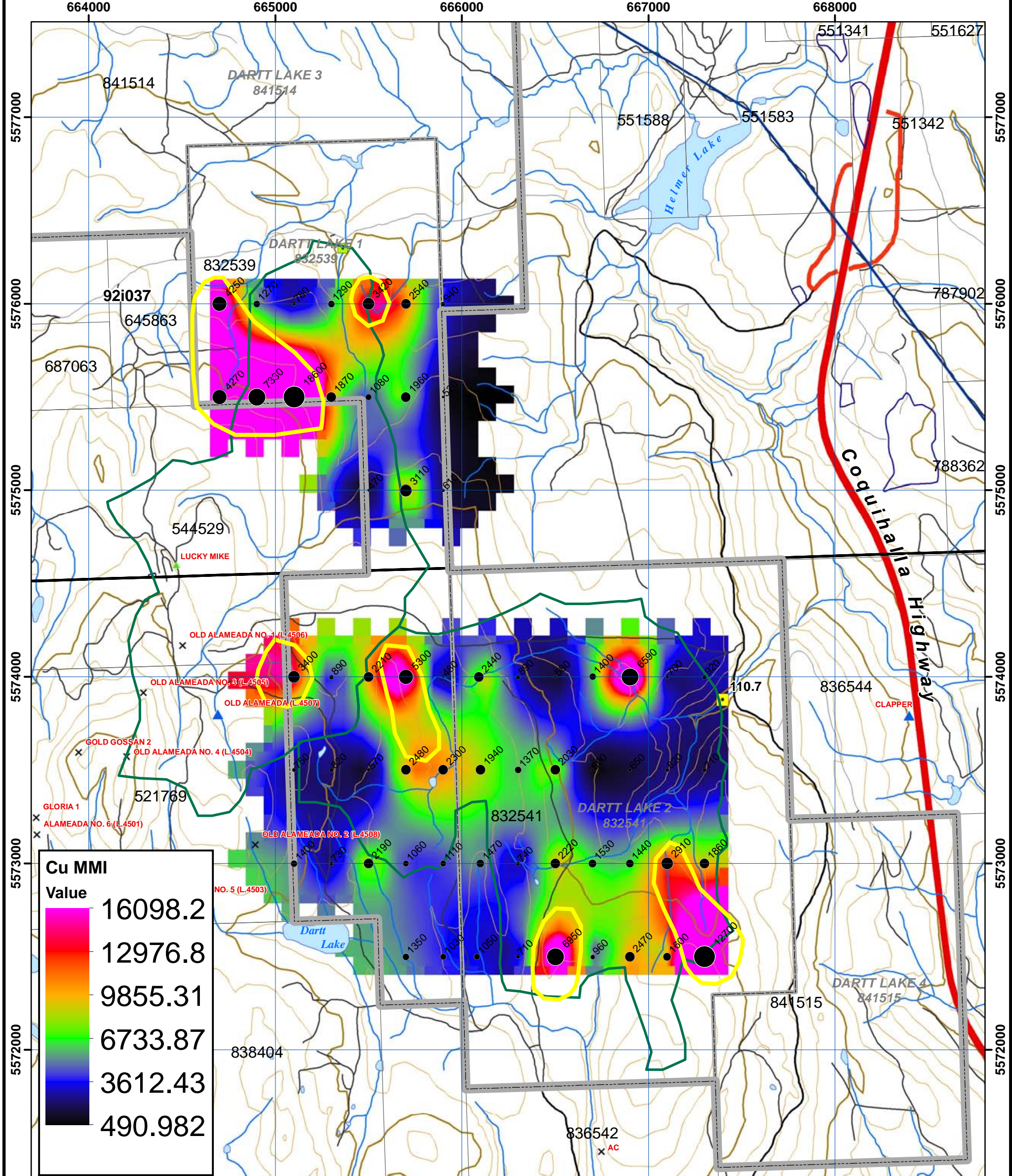
Projection: UTM Zone 10  
Datum: NAD83

**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Copper Response Ratios**

1:20,000 January 18, 2011

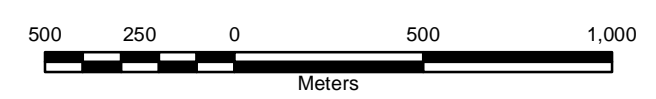
**G. N. LUSTIG CONSULTING LTD.**



**Legend**

- Lake
- River
- Road**
- TYPE**
- Gravel Road 1 Lane
- Gravel Road 2 Lane
- Paved Road 2 Lane
- Paved Road 2 Lane One Way
- Rough Road
- Contours**
- TYPE**
- Index
- Intermediate
- Intermediate - Depression
- Parks
- First Nation Res.
- Anom. Drainages
- Dartt Lk Claims Outline
- Claims
- Dartt Lk Claims
- Minfile**
- STATUS\_D**
- △ Anomaly
- ▲ Developed Prospect
- ▲ Past Producer
- ★ Producer
- ▲ Prospect
- × Showing
- DL\_Cu\_Anom

Cu MMI	Cu Str. Sed.
Cu_ppb	CU_ICP_PPM
• 470 - 520	■ 1.3 - 10.9
• 521 - 650	■ 11.0 - 18.7
• 651 - 820	■ 18.8 - 26.2
• 821 - 960	■ 26.3 - 34.5
• 961 - 1110	■ 34.6 - 44.7
• 1111 - 1400	■ 44.8 - 58.1
• 1401 - 1600	■ 58.2 - 75.2
• 1601 - 2540	■ 75.3 - 103.6
• 2541 - 3420	■ 103.7 - 160.3
• 3421 - 5300	■ 160.4 - 240.9
• 5301 - 7330	■ 241.0 - 490.1
• 7331 - 18600	■ 490.2 - 874.1



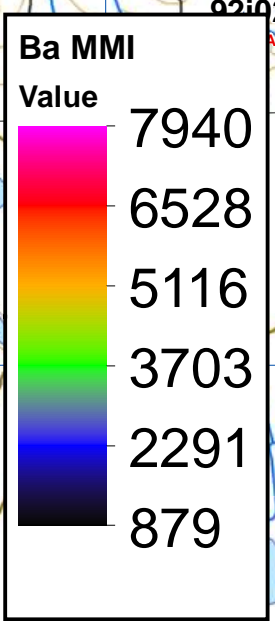
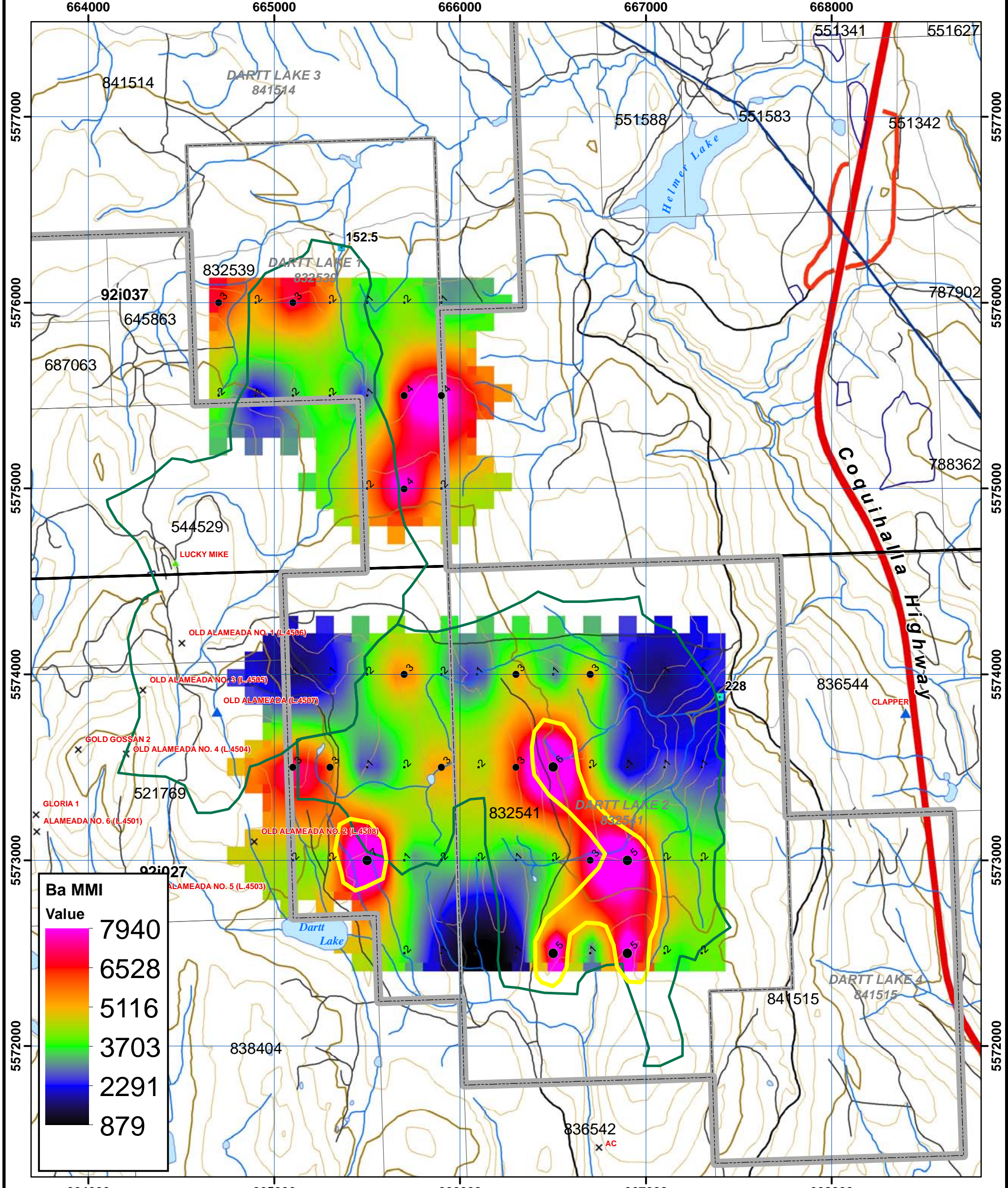
Projection: UTM Zone 10  
Datum: NAD83

**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Copper**

1:20,000 January 18, 2011

**G. N. LUSTIG CONSULTING LTD.**

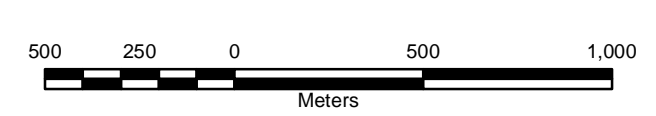
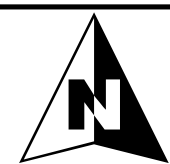


**Legend**

- Lake
- River
- Road TYPE**
  - Gravel Road 1 Lane
  - Gravel Road 2 Lane
  - Paved Road 2 Lane
  - Paved Road 2 Lane One Way
  - Rough Road
- Contours TYPE**
  - Index
  - Intermediate
  - Intermediate - Depression
- Parks
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- Claims
- Dartt Lk Claims
- Minfile STATUS\_D**
  - △ Anomaly
  - ▲ Developed Prospect
  - ▲ Past Producer
  - ★ Producer
  - ▲ Prospect
  - × Showing
  - DL\_Ba\_Anom

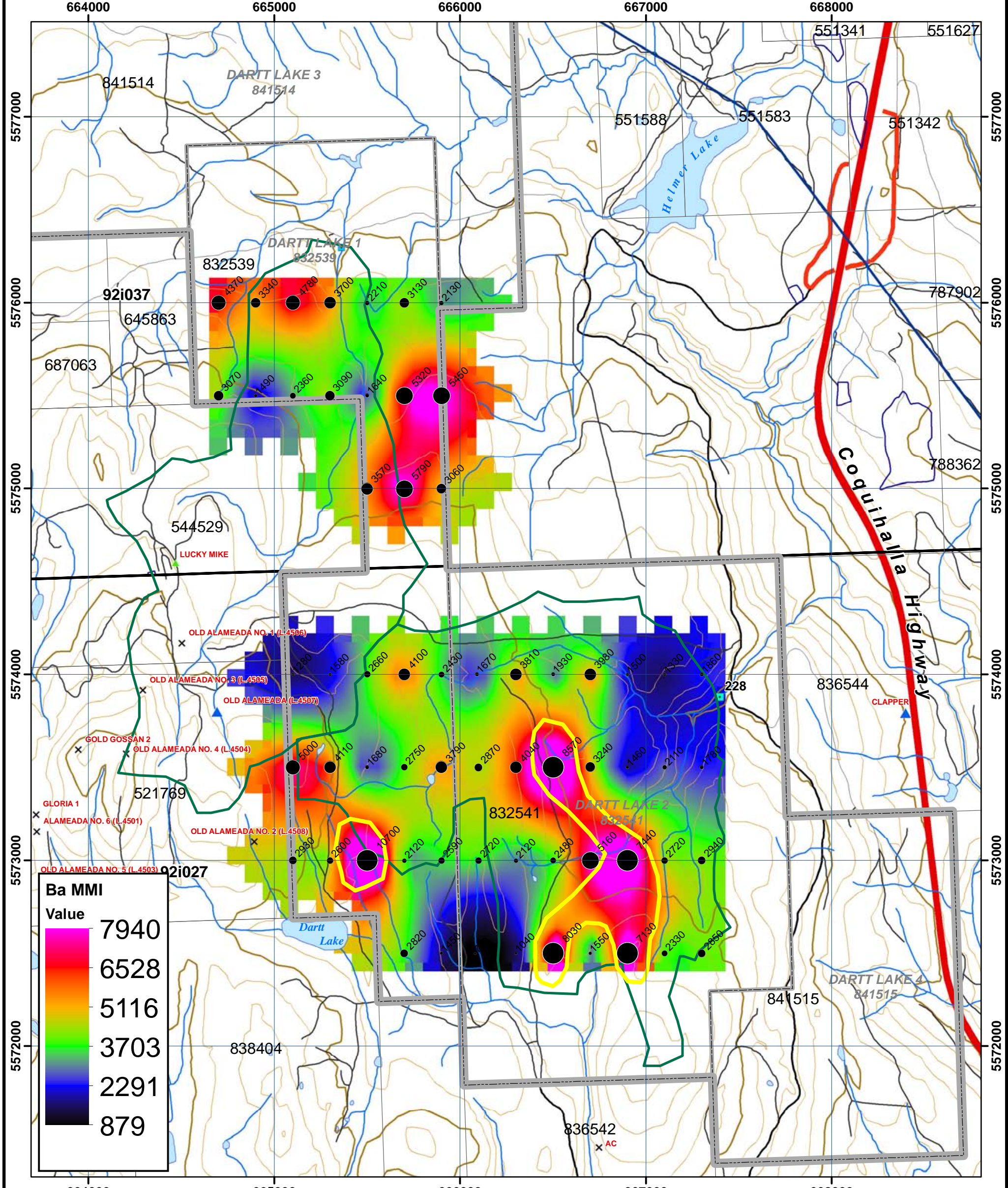
**Ba Str. Sed. BA\_INA\_PPM**

- 110 - 200
- 201 - 340
- 341 - 410
- 411 - 480
- 481 - 550
- 551 - 620
- 621 - 700
- 701 - 800
- 801 - 900
- 901 - 1000
- 1001 - 1300
- 301 - 1700

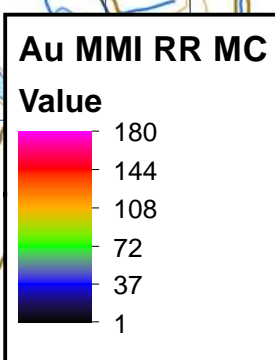
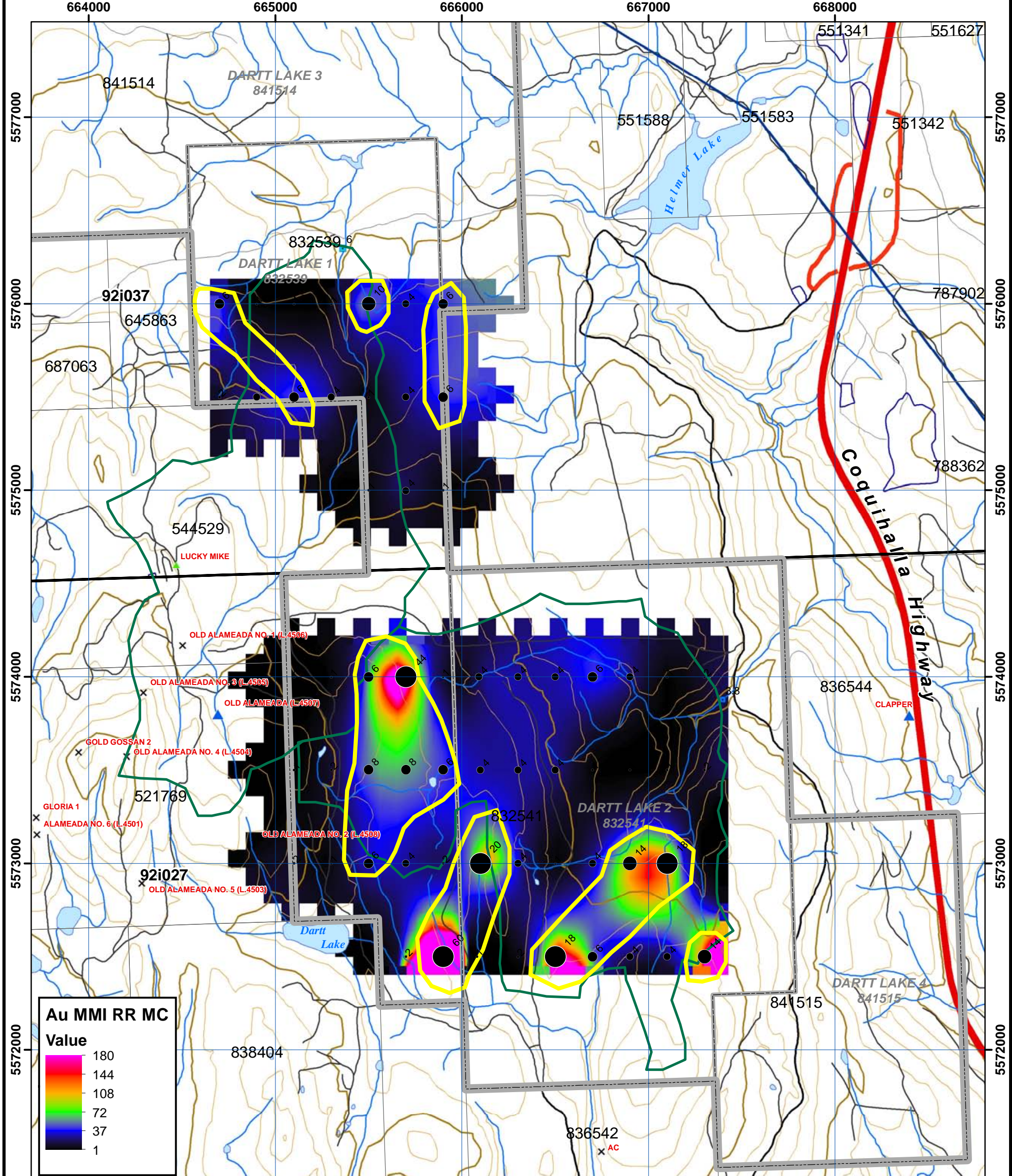


Projection: UTM Zone 10  
Datum: NAD83

**BCGold Corp.**  
**Quesnel Generative**  
**Dartt Lake Area**  
**MMI Geochemistry**  
**Barium Response Ratios**  
 1:20,000  
 January 18, 2011  
**G. N. LUSTIG CONSULTING LTD.**



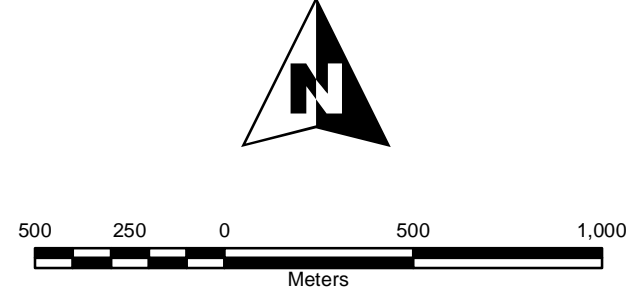
<b>Legend</b> 		<b>Ba MMI</b> <b>Ba_ppb</b> <ul style="list-style-type: none"> <li>• 790 - 1040</li> <li>• 1041 - 1580</li> <li>• 1581 - 1930</li> <li>• 1931 - 2210</li> <li>• 2211 - 2480</li> <li>• 2481 - 2750</li> <li>• 2751 - 2940</li> <li>• 2941 - 3340</li> <li>• 3341 - 4110</li> <li>• 4111 - 5000</li> <li>• 5001 - 5790</li> <li>• 5791 - 10700</li> </ul>	<b>Ba Str. Sed.</b> <b>BA_INA_PPM</b> <ul style="list-style-type: none"> <li>• 110 - 200</li> <li>• 201 - 340</li> <li>• 341 - 410</li> <li>• 411 - 480</li> <li>• 481 - 550</li> <li>• 551 - 620</li> <li>• 621 - 700</li> <li>• 701 - 800</li> <li>• 801 - 900</li> <li>• 901 - 1000</li> <li>• 1001 - 1300</li> <li>• 1301 - 1700</li> </ul>	  Projection: UTM Zone 10 Datum: NAD83
		<b>BCGold Corp.</b> <b>Quesnel Generative</b> <b>Dartt Lake Area</b> <b>MMI Geochemistry</b> <b>Barium</b>		1:20,000 January 18, 2011 <b>G. N. LUSTIG CONSULTING LTD.</b>



**Legend**

- Lake
- River
- Road**
- TYPE**
- Gravel Road 1 Lane
- Gravel Road 2 Lane
- Paved Road 2 Lane
- Paved Road 2 Lane One Way
- Rough Road
- Contours**
- TYPE**
- Index
- Intermediate
- Intermediate - Depression
- Parks
- First Nation Res.
- Anom. Drainages
- Dartt Lk Claims Outline
- Claims
- Dartt Lk Claims
- Minfile**
- STATUS\_D**
- Anomaly
- Developed Prospect
- Past Producer
- Producer
- Prospect
- Showing
- DL\_Au\_Anom

- Au MMI RR**
- Au\_RR**
- 1.0 - 2.0
- 2.1 - 4.9
- 5.0 - 9.9
- 10.0 - 15.0
- 15.1 - 100.0
- Au Str. Sed.**
- AU\_ICP\_PP**
- 0.20 - 0.80
- 0.81 - 1.60
- 1.61 - 2.40
- 2.41 - 3.50
- 3.51 - 4.90
- 4.91 - 7.20
- 7.21 - 11.50
- 11.51 - 24.00
- 24.01 - 46.70
- 46.71 - 80.40
- 80.41 - 138.50
- 138.51 - 2659.00



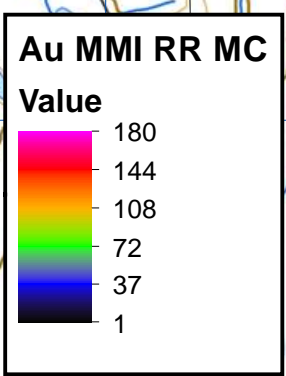
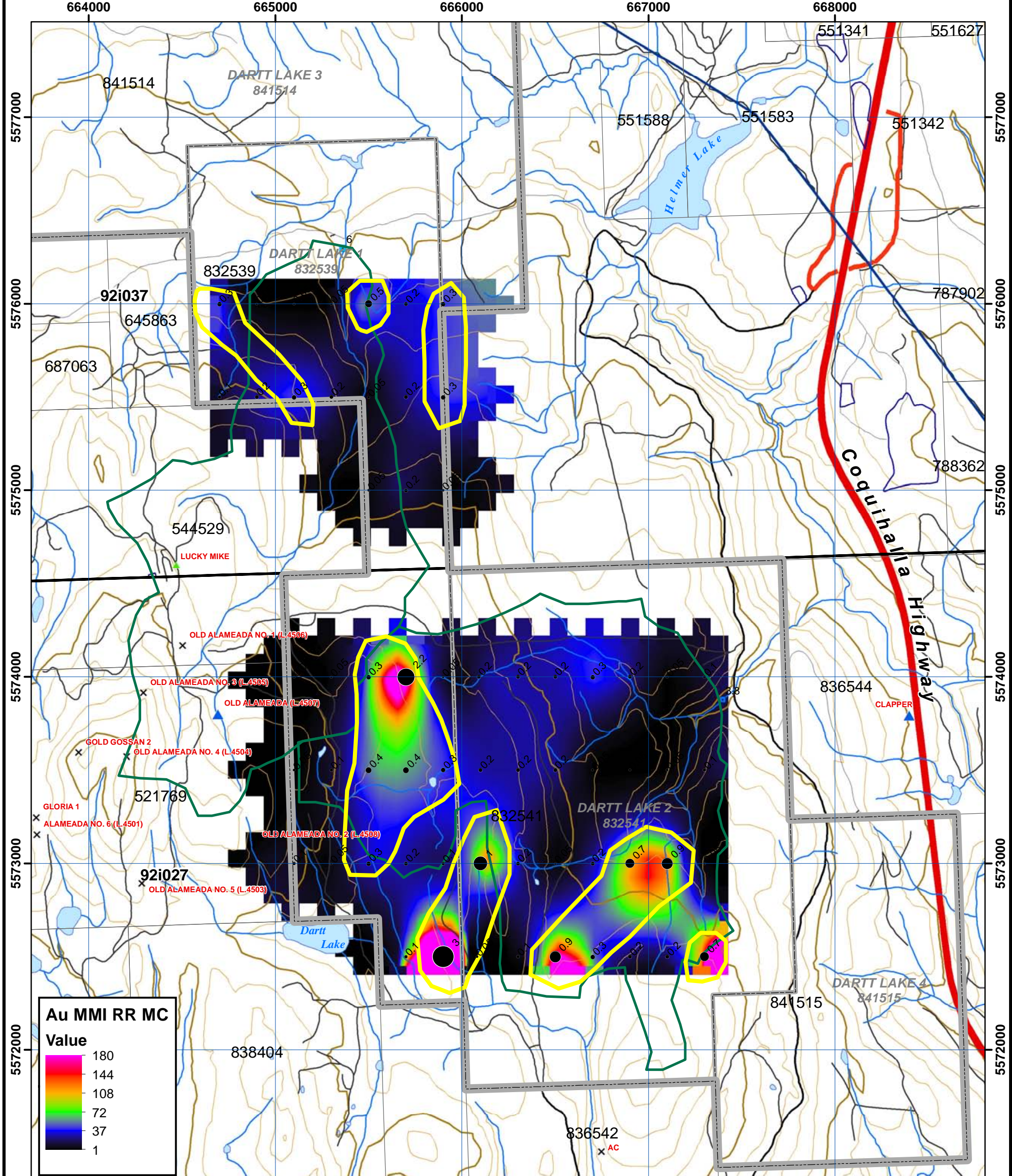
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**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Gold Response Ratios**

1:20,000 January 18, 2011

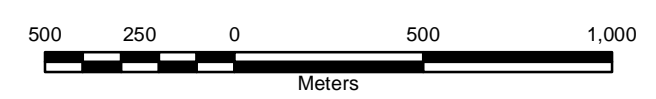
**G. N. LUSTIG CONSULTING LTD.**



**Legend**

- Lake
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- Gravel Road 1 Lane
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- Minfile**
- STATUS\_D**
- △ Anomaly
- ▲ Developed Prospect
- ▲ Past Producer
- ★ Producer
- ▲ Prospect
- x Showing
- DL\_Au\_Anom

- | Au MMI        | Au Str. Sed.       |
|---------------|--------------------|
| Au_ppb        | AU_ICP_PPb         |
| • 0.05        | ▪ 0.20 - 0.80      |
| • 0.06 - 0.10 | ▪ 0.81 - 1.60      |
| • 0.11 - 0.20 | ▪ 1.61 - 2.40      |
| • 0.21 - 0.30 | ▪ 2.41 - 3.50      |
| • 0.31 - 0.40 | ▪ 3.51 - 4.90      |
| • 0.41 - 0.50 | ▪ 4.91 - 7.20      |
| • 0.51 - 0.70 | ▪ 7.21 - 11.50     |
| • 0.71 - 0.90 | ▪ 11.51 - 24.00    |
| • 0.91 - 1.00 | ▪ 24.01 - 46.70    |
| • 1.01 - 2.20 | ▪ 46.71 - 80.40    |
| • 2.21 - 3.00 | ▪ 80.41 - 138.50   |
|               | ▪ 138.51 - 2659.00 |



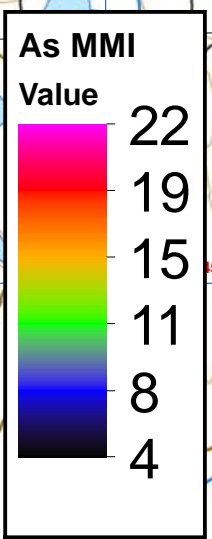
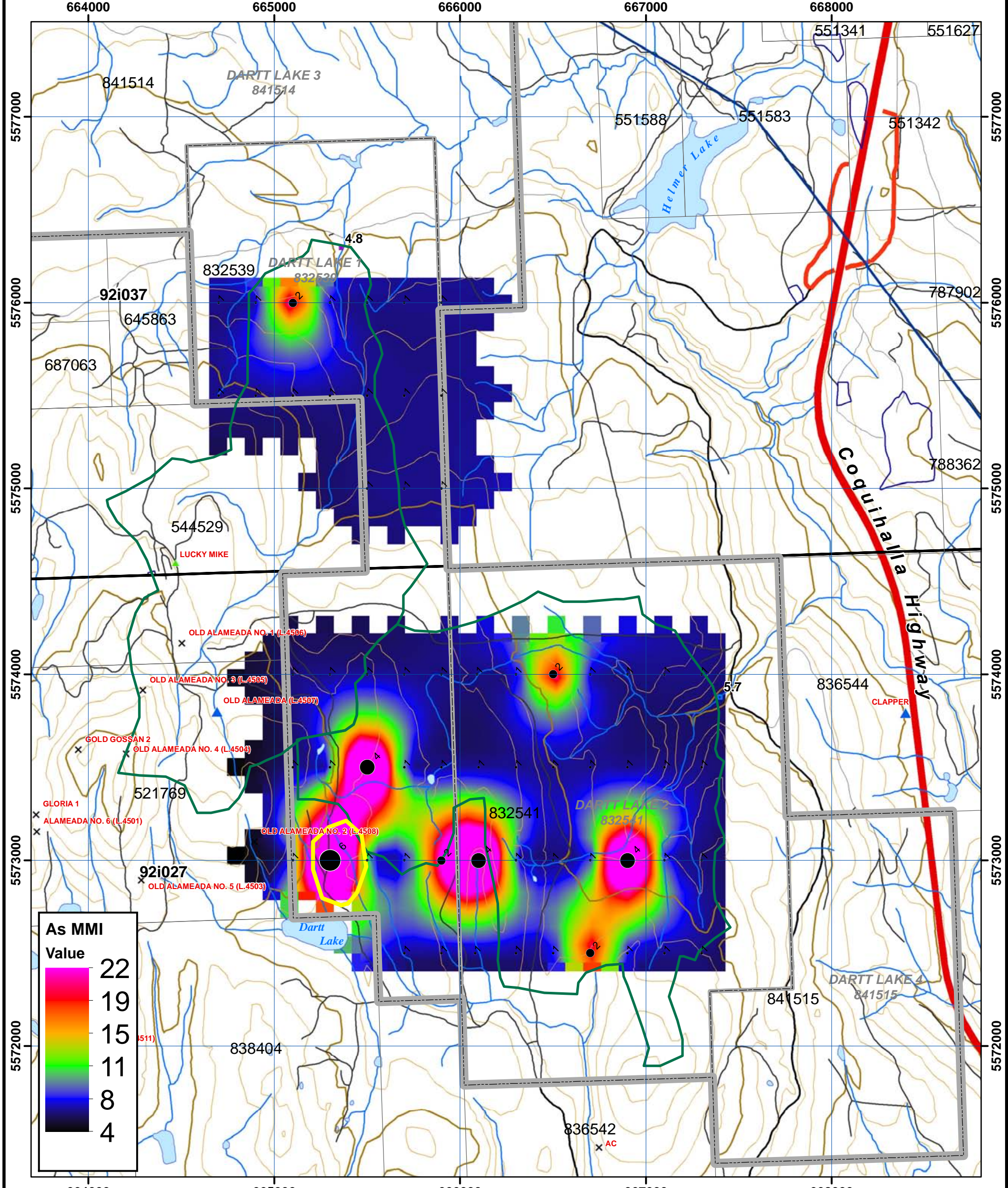
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**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Gold**

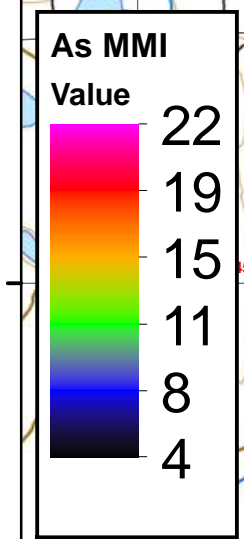
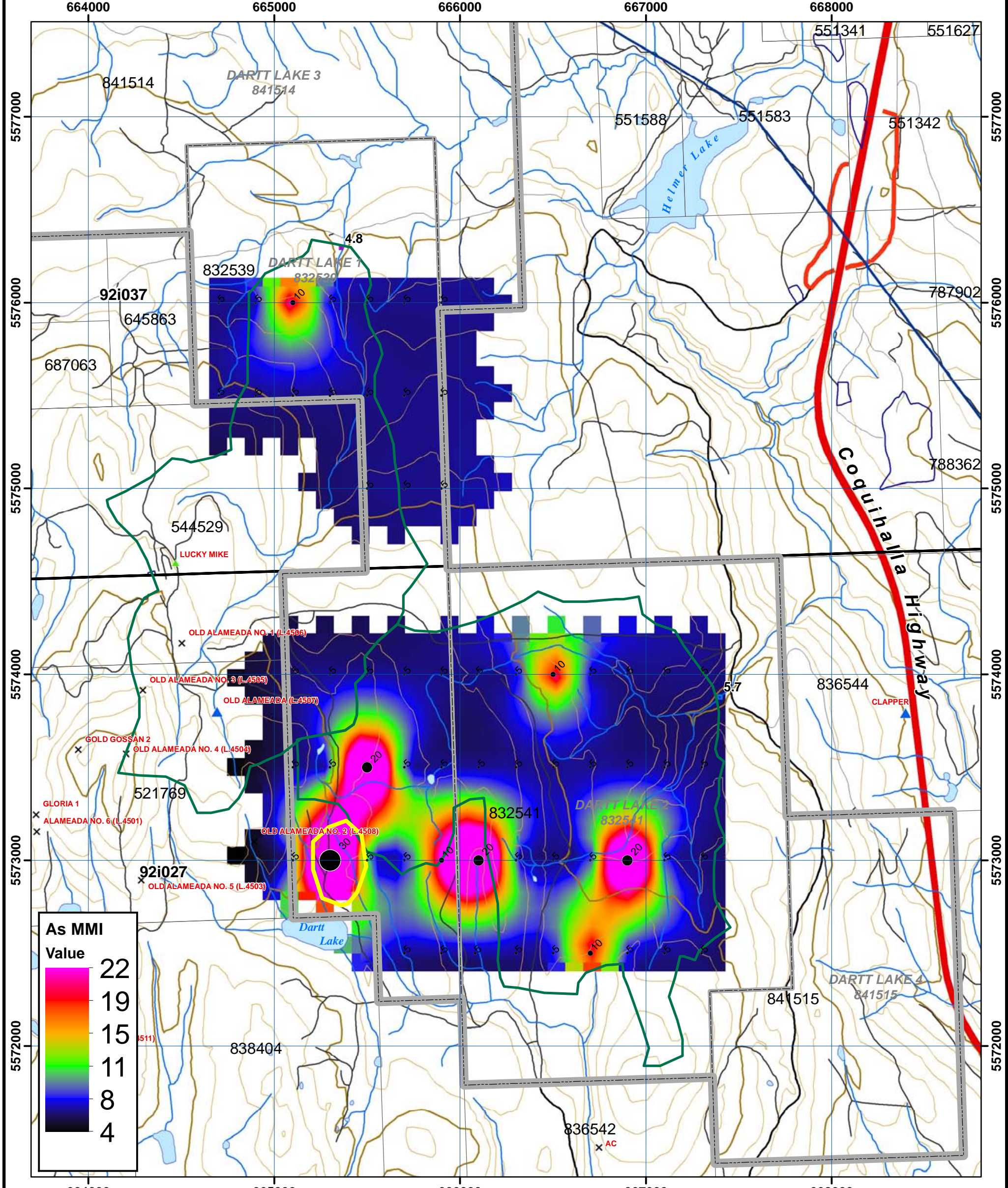
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<p><b>Legend</b></p> <ul style="list-style-type: none"> <li> Lake</li> <li> River</li> </ul> <p><b>Road</b></p> <p><b>TYPE</b></p> <ul style="list-style-type: none"> <li> Gravel Road 1 Lane</li> <li> Gravel Road 2 Lane</li> <li> Paved Road 2 Lane</li> <li> Paved Road 2 Lane One Way</li> <li> Rough Road</li> </ul> <p><b>Contours</b></p> <p><b>TYPE</b></p> <ul style="list-style-type: none"> <li> Index</li> <li> Intermediate</li> <li> Intermediate - Depression</li> </ul>		<ul style="list-style-type: none"> <li> Parks</li> <li> First Nation Res.</li> <li> Anom. Drainages</li> <li> Dartt Lk Claims Outline</li> <li> Claims</li> <li> Dartt Lk Claims</li> </ul> <p><b>Minfile</b></p> <p><b>STATUS_D</b></p> <ul style="list-style-type: none"> <li> Anomaly</li> <li> Developed Prospect</li> <li> Past Producer</li> <li> Producer</li> <li> Prospect</li> <li> Showing</li> <li> DL_As_Anom</li> </ul>		<p><b>As MMI RR As Str. Sed.</b></p> <table border="0"> <tr> <td><b>As_RR</b></td> <td><b>AS_ICP_PPM</b></td> </tr> <tr> <td> 1.0</td> <td> 0.6 - 1.8</td> </tr> <tr> <td> 1.1 - 2.0</td> <td> 1.9 - 3.0</td> </tr> <tr> <td> 2.1 - 4.0</td> <td> 3.1 - 4.2</td> </tr> <tr> <td> 4.1 - 6.0</td> <td> 4.3 - 5.6</td> </tr> <tr> <td></td> <td> 5.7 - 7.4</td> </tr> <tr> <td></td> <td> 7.5 - 10.7</td> </tr> <tr> <td></td> <td> 10.8 - 16.9</td> </tr> <tr> <td></td> <td> 17.0 - 23.5</td> </tr> <tr> <td></td> <td> 23.6 - 32.2</td> </tr> <tr> <td></td> <td> 32.3 - 44.1</td> </tr> <tr> <td></td> <td> 44.2 - 79.9</td> </tr> <tr> <td></td> <td> 80.0 - 147.3</td> </tr> </table>		<b>As_RR</b>	<b>AS_ICP_PPM</b>	1.0	0.6 - 1.8	1.1 - 2.0	1.9 - 3.0	2.1 - 4.0	3.1 - 4.2	4.1 - 6.0	4.3 - 5.6		5.7 - 7.4		7.5 - 10.7		10.8 - 16.9		17.0 - 23.5		23.6 - 32.2		32.3 - 44.1		44.2 - 79.9		80.0 - 147.3	<p><b>N</b></p>	
<b>As_RR</b>	<b>AS_ICP_PPM</b>																																
1.0	0.6 - 1.8																																
1.1 - 2.0	1.9 - 3.0																																
2.1 - 4.0	3.1 - 4.2																																
4.1 - 6.0	4.3 - 5.6																																
	5.7 - 7.4																																
	7.5 - 10.7																																
	10.8 - 16.9																																
	17.0 - 23.5																																
	23.6 - 32.2																																
	32.3 - 44.1																																
	44.2 - 79.9																																
	80.0 - 147.3																																
<p>Meters</p> <p>Projection: UTM Zone 10 Datum: NAD83</p>																																	
<p><b>BCGold Corp.</b></p> <p><b>Quesnel Generative Dartt Lake Area MMI Geochemistry Arsenic Response Ratios</b></p> <p>1:20,000 <span style="float: right;">January 18, 2011</span></p> <p><b>G. N. LUSTIG CONSULTING LTD.</b></p>																																	





**Legend**

Lake	Parks
River	First Nation Res.
<b>Road TYPE</b>	Anom. Drainages
Gravel Road 1 Lane	Dartt Lk Claims Outline
Gravel Road 2 Lane	Claims
Paved Road 2 Lane	Dartt Lk Claims
Paved Road 2 Lane One Way	<b>Minfile</b>
Rough Road	<b>STATUS_D</b>
<b>Contours TYPE</b>	Anomaly
Index	Developed Prospect
Intermediate	Past Producer
Intermediate - Depression	Producer
	Prospect
	Showing
	DL_As_Anom

**As MMI**

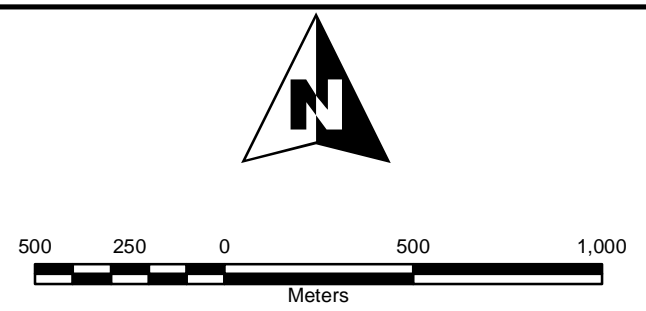
**As\_ppb**

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

**As Str. Sed.**

**AS\_ICP\_PPM**

- 0.6 - 1.8
- 1.9 - 3.0
- 3.1 - 4.2
- 4.3 - 5.6
- 5.7 - 7.4
- 7.5 - 10.7
- 10.8 - 16.9
- 17.0 - 23.5
- 23.6 - 32.2
- 32.3 - 44.1
- 44.2 - 79.9
- 80.0 - 147.3



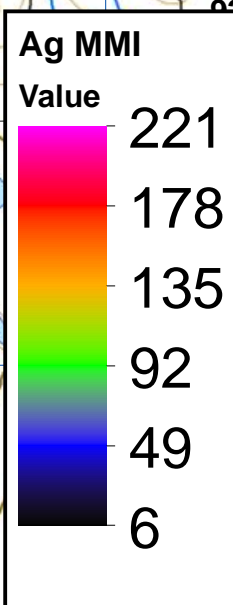
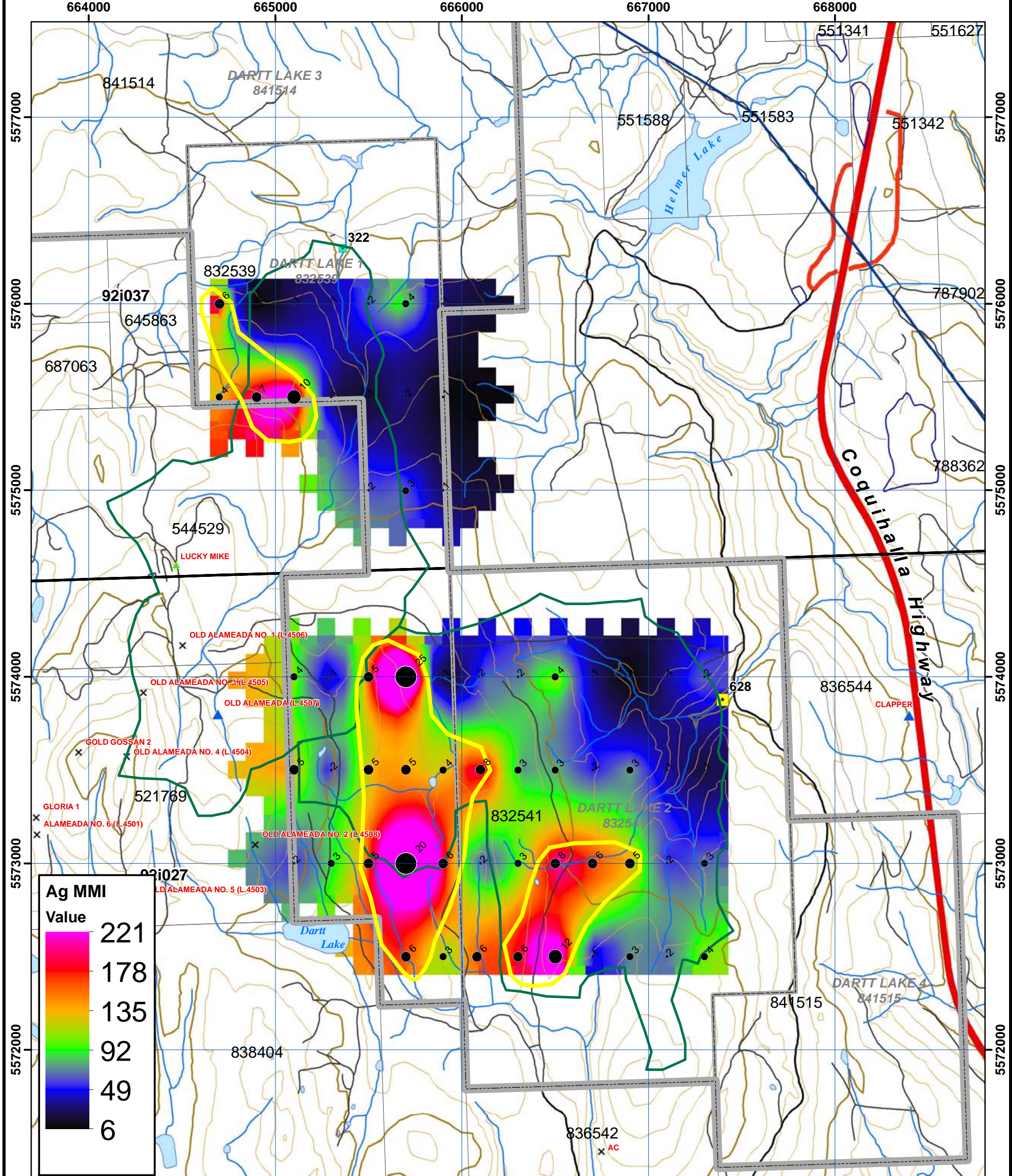
Projection: UTM Zone 10  
Datum: NAD83

**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Arsenic**

1:20,000 January 18, 2011

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**Legend**

Lake	Parks	<b>Ag MMI RR</b>	<b>Ag Str. Sed.</b>
River	First Nation Res.	<b>Ag_RR</b>	<b>AG_ICP_PPB</b>
<b>Road TYPE</b>	Anom. Drainages	• 1.0 - 2.0	• 10 - 44
Gravel Road 1 Lane	Dartt Lk Claims Outline	• 2.1 - 4.9	• 45 - 74
Gravel Road 2 Lane	Claims	• 5.0 - 9.9	• 75 - 104
Paved Road 2 Lane	Dartt Lk Claims	• 10.0 - 15.0	• 105 - 138
Paved Road 2 Lane One Way	<b>Minfile</b>	• 15.1 - 100.0	• 139 - 182
Rough Road	<b>STATUS_D</b>		• 183 - 245
<b>Contours TYPE</b>	Anomaly		• 246 - 331
Index	Developed Prospect		• 332 - 473
Intermediate	Past Producer		• 474 - 704
Intermediate - Depression	Producer		• 705 - 1202
	Prospect		• 1203 - 1768
	Showing		• 1769 - 3351
	DL_Ag_Anom		

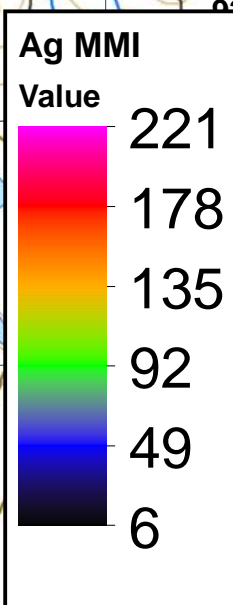
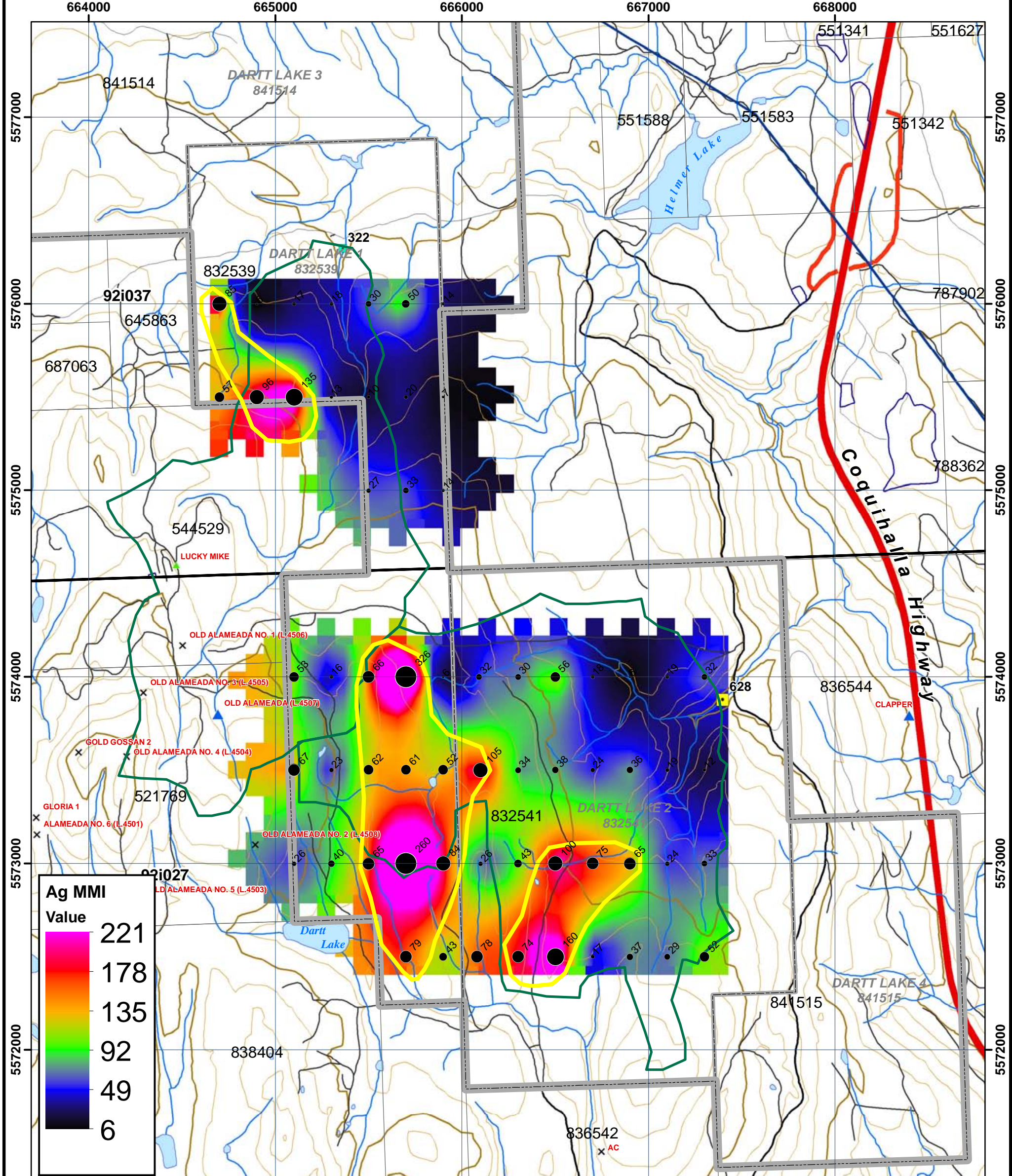
Projection: UTM Zone 10  
Datum: NAD83

**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Silver Response Ratios**

1:20,000 January 18, 2011

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**Legend**

Lake	Parks	<b>Ag MMI</b>	<b>Ag Str. Sed.</b>
River	First Nation Res.	<b>Ag_ppb</b>	<b>AG_ICP_PPb</b>
<b>Road</b>	Anom. Drainages	• 5 - 7	■ 10 - 44
<b>TYPE</b>	Dartt Lk Claims Outline	• 8 - 14	■ 45 - 74
Gravel Road 1 Lane	Claims	• 15 - 20	■ 75 - 104
Gravel Road 2 Lane	Dartt Lk Claims	• 21 - 27	■ 105 - 138
Paved Road 2 Lane	<b>Minfile</b>	• 28 - 34	■ 139 - 182
Paved Road 2 Lane One Way	<b>STATUS_D</b>	• 35 - 40	■ 183 - 245
Rough Road	Anomaly	• 41 - 50	■ 246 - 331
<b>Contours</b>	Developed Prospect	• 51 - 62	■ 332 - 473
<b>TYPE</b>	Past Producer	• 63 - 79	■ 474 - 704
Index	Producer	• 80 - 105	■ 705 - 1202
Intermediate	Prospect	• 106 - 160	■ 1203 - 1768
Intermediate - Depression	Showing	• 161 - 326	■ 1769 - 3351
	DL_Ag_Anom		

Projection: UTM Zone 10  
Datum: NAD83

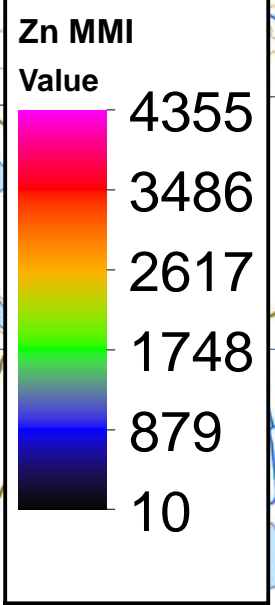
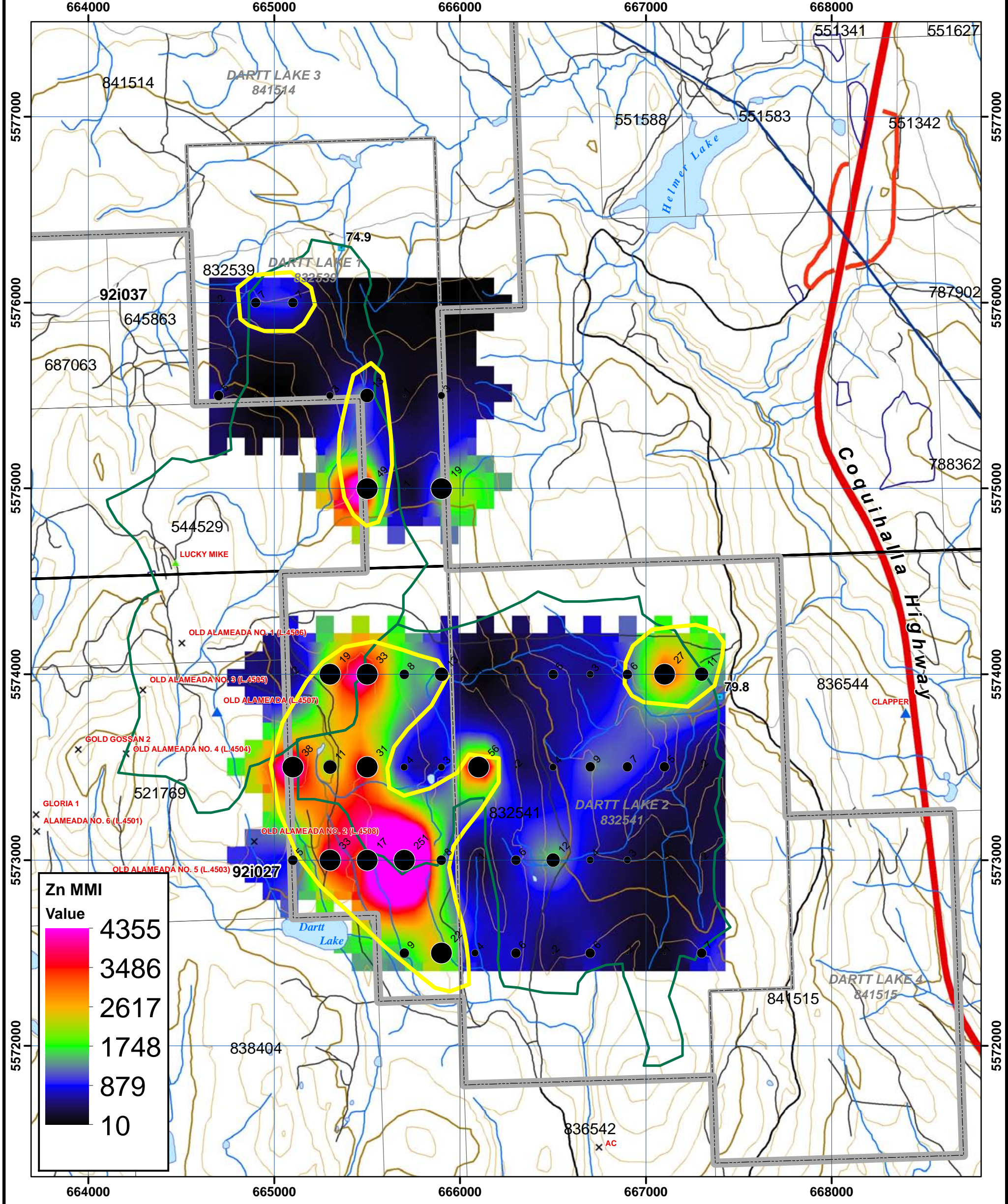
Meters

**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Silver**

1:20,000 January 18, 2011

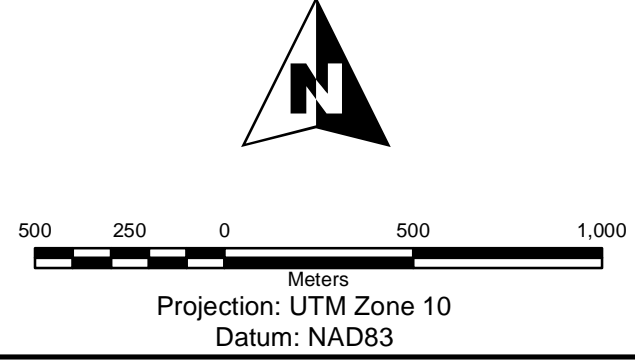
**G. N. LUSTIG CONSULTING LTD.**



**Legend**

- Lake
- River
- Road TYPE**
  - Gravel Road 1 Lane
  - Gravel Road 2 Lane
  - Paved Road 2 Lane
  - Paved Road 2 Lane One Way
  - Rough Road
- Contours TYPE**
  - Index
  - Intermediate
  - Intermediate - Depression
- Parks
- First Nation Res.
- Anom. Drainages
- Dartt Lk Claims Outline
- Claims
- Dartt Lk Claims
- Minfile STATUS\_D**
  - Anomaly
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - DL\_Zn\_Anom

- Zn MMI RR**
- Zn RR**
- 1.0 - 2.0
  - 2.1 - 4.9
  - 5.0 - 9.9
  - 10.0 - 15.0
  - 5.1 - 300.0
- Zn Str. Sed.**
- ZN\_ICP\_PPM**
- 10 - 24
  - 25 - 36
  - 37 - 47
  - 48 - 57
  - 58 - 70
  - 71 - 93
  - 94 - 125
  - 126 - 181
  - 182 - 251
  - 252 - 440
  - 441 - 852
  - 853 - 4517



**BCGold Corp.**

**Quesnel Generative  
Dartt Lake Area  
MMI Geochemistry  
Zinc Response Ratios**

1:20,000 January 18, 2011

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## **Appendix I: MMI™ Sample and Analyses Listing**

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	<u>Grid E</u>	<u>Grid N</u>	<u>Slope</u>	<u>Vegetation</u>	<u>Ground Co</u>	<u>Texture</u>	<u>Moisture</u>	<u>Labjob</u>	<u>Project</u>
1	Dartt Lake	665700	5572500	65700	72500		Clear cut	Grass			TO112457	Dartt Lake
2	Dartt Lake	665900	5572500	65900	72500	E	Clear cut	Gravel			TO112457	Dartt Lake
3	Dartt Lake	666080	5572500	66080	72500		Clear cut	Gravel			TO112457	Dartt Lake
4	Dartt Lake	666300	5572500	66300	72500	E	New growt	Grass			TO112457	Dartt Lake
5	Dartt Lake	666500	5572500	66500	72500		Clear cut	Grass			TO112457	Dartt Lake
6	Dartt Lake	666700	5572500	66700	72500	W	Clear cut	Grass			TO112457	Dartt Lake
7	Dartt Lake	666900	5572500	66900	72500		Clear cut	Grass			TO112457	Dartt Lake
8	Dartt Lake	667100	5572500	67100	72500	W	Clear cut	Grass			TO112457	Dartt Lake
9	Dartt Lake	667300	5572500	67300	72500	N	Forest	Grass			TO112457	Dartt Lake
10	Dartt Lake	665100	5573000	65100	73000	E	New growt	Grass			TO112457	Dartt Lake
11	Dartt Lake	665300	5573000	65300	73000	E	New growt	Grass			TO112457	Dartt Lake
12	Dartt Lake	665500	5573000	65500	73000	E	Forest	Moss			TO112457	Dartt Lake
13	Dartt Lake	665700	5573000	65700	73000		Clear cut	Grass			TO112457	Dartt Lake
14	Dartt Lake	665900	5573000	65900	73000		Clear cut	Grass			TO112457	Dartt Lake
15	Dartt Lake	666100	5573000	66100	73000	W	Clear cut	Grass	grey/brown	damp	TO112457	Dartt Lake
16	Dartt Lake	666300	5573000	66300	73000	SE	New growt	Grass			TO112457	Dartt Lake
17	Dartt Lake	666500	5573000	66500	73000	E	New growt	Grass			TO112457	Dartt Lake
18	Dartt Lake	666700	5573000	66700	73000	E	Forest	Grass			TO112457	Dartt Lake
19	Dartt Lake	666900	5573000	66900	73000	N	Clear cut	Grass			TO112457	Dartt Lake
20	Dartt Lake	667100	5573000	67100	73000	N	Clear cut	Grass			TO112457	Dartt Lake
21	Dartt Lake	667300	5573000	67300	73000		Clear cut	Grass			TO112457	Dartt Lake
22	Dartt Lake	665100	5573500	65100	73500	W	Forest	Moss			TO112457	Dartt Lake
23	Dartt Lake	665300	5573500	65300	73500	E	Forest	Grass			TO112457	Dartt Lake
24	Dartt Lake	665500	5573500	65500	73500	E	Clear cut	Grass			TO112457	Dartt Lake
25	Dartt Lake	665700	5573500	65700	73500	E	Clear cut	Grass			TO112457	Dartt Lake
26	Dartt Lake	665900	5573500	65900	73500		Clear cut	Grass		damp	TO112457	Dartt Lake
27	Dartt Lake	666100	5573500	66100	73500		Clear cut	Grass			TO112457	Dartt Lake
28	Dartt Lake	666300	5573500	66300	73500	E	Clear cut	Grass			TO112457	Dartt Lake
29	Dartt Lake	666500	5573500	66500	73500	E	Clear cut	Grass			TO112457	Dartt Lake
30	Dartt Lake	666700	5573500	66700	73500		Clear cut	Grass			TO112457	Dartt Lake
31	Dartt Lake	666900	5573500	66900	73500	E	Clear cut	Grass			TO112457	Dartt Lake
32	Dartt Lake	667100	5573500	67100	73500	E	Forest	Grass			TO112457	Dartt Lake
33	Dartt Lake	667300	5573500	67300	73500	W	Clear cut	Grass			TO112457	Dartt Lake

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	<u>Sample No</u>	Ag	Al	As	Au	Ba	Bi	Ca	Cd	
1	Dartt Lake	665700	5572500	L-72500N-6	79	151	<10		0.1	2820	<1	270	18
2	Dartt Lake	665900	5572500	L-72500N-6	43	93	<10		3	1450	<1	310	18
3	Dartt Lake	666080	5572500	L-72500N-6	78	159	<10	<0.1		790	<1	120	14
4	Dartt Lake	666300	5572500	L-72500N-6	74	216	<10		0.1	1040	<1	130	13
5	Dartt Lake	666500	5572500	L-72500N-6	160	42	<10		0.9	8030	<1	500	27
6	Dartt Lake	666700	5572500	L-72500N-6	17	261		10	0.3	1550	<1	70	8
7	Dartt Lake	666900	5572500	L-72500N-6	37	121	<10		0.2	7130	<1	330	6
8	Dartt Lake	667100	5572500	L-72500N-6	29	134	<10		0.2	2330	<1	350	9
9	Dartt Lake	667300	5572500	L-72500N-6	52	184	<10		0.7	2850	<1	220	14
10	Dartt Lake	665100	5573000	L-73000N-6	26	168	<10		0.1	2930	<1	320	14
11	Dartt Lake	665300	5573000	L-73000N-6	40	298		30	<0.1	2600	2	90	33
12	Dartt Lake	665500	5573000	L-73000N-6	65	215	<10		0.3	10700	<1	70	27
13	Dartt Lake	665700	5573000	L-73000N-6	260	134	<10		0.2	2120	<1	230	675
14	Dartt Lake	665900	5573000	L-73000N-6	84	234		10	0.1	2590	<1	130	13
15	Dartt Lake	666100	5573000	L-73000N-6	26	89		20	1	2720	<1	200	3
16	Dartt Lake	666300	5573000	L-73000N-6	43	177	<10		0.2	2120	<1	250	16
17	Dartt Lake	666500	5573000	L-73000N-6	100	173	<10	<0.1		2480	<1	270	46
18	Dartt Lake	666700	5573000	L-73000N-6	75	50	<10		0.2	5160	<1	500	21
19	Dartt Lake	666900	5573000	L-73000N-6	65	176		20	0.7	7440	1	130	5
20	Dartt Lake	667100	5573000	L-73000N-6	24	66	<10		0.9	2720	<1	460	5
21	Dartt Lake	667300	5573000	L-73000N-6	33	164	<10	<0.1		2940	<1	230	9
22	Dartt Lake	665100	5573500	L-73500N-6	67	183	<10	<0.1		5000	<1	260	63
23	Dartt Lake	665300	5573500	L-73500N-6	23	185	<10		0.1	4110	<1	250	97
24	Dartt Lake	665500	5573500	L-73500N-6	62	186		20	0.4	1680	<1	190	36
25	Dartt Lake	665700	5573500	L-73500N-6	61	116	<10		0.4	2750	<1	350	19
26	Dartt Lake	665900	5573500	L-73500N-6	52	61	<10		0.3	3790	<1	430	14
27	Dartt Lake	666100	5573500	L-73500N-6	105	97	<10		0.2	2870	<1	510	125
28	Dartt Lake	666300	5573500	L-73500N-6	34	77	<10		0.2	4040	<1	380	12
29	Dartt Lake	666500	5573500	L-73500N-6	38	107	<10		0.2	8570	<1	400	7
30	Dartt Lake	666700	5573500	L-73500N-6	24	178	<10	<0.1		3240	<1	210	7
31	Dartt Lake	666900	5573500	L-73500N-6	36	143	<10	<0.1		1460	<1	190	8
32	Dartt Lake	667100	5573500	L-73500N-6	19	144	<10	<0.1		2110	<1	220	7
33	Dartt Lake	667300	5573500	L-73500N-6	12	145	<10		0.1	1780	<1	310	7



<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe
1	Dartt Lake	665700	5572500	75	62	<100	4.9	1350	28	15.6	5.7	74
2	Dartt Lake	665900	5572500	108	205	<100	1.4	1030	34	18.7	9.7	47
3	Dartt Lake	666080	5572500	94	134	<100	6.8	1050	18	10.6	4	53
4	Dartt Lake	666300	5572500	128	76	<100	2.9	710	25	14.7	5.1	73
5	Dartt Lake	666500	5572500	37	65	<100	2.2	6950	59	33.3	18.1	13
6	Dartt Lake	666700	5572500	178	70	<100	7.4	960	24	12.2	5.9	78
7	Dartt Lake	666900	5572500	129	33	<100	4.6	2470	74	39.7	16.1	19
8	Dartt Lake	667100	5572500	100	30	<100	2.7	1600	37	21.3	8	38
9	Dartt Lake	667300	5572500	132	101	<100	5.2	12700	41	27.2	6.5	51
10	Dartt Lake	665100	5573000	98	104	<100	3.8	1400	45	25.1	9.2	62
11	Dartt Lake	665300	5573000	136	165	<100	10.7	730	25	13.6	4.8	117
12	Dartt Lake	665500	5573000	123	62	<100	29.5	2190	80	44.8	10.2	51
13	Dartt Lake	665700	5573000	152	14	<100	5.6	1060	36	21.9	6.6	34
14	Dartt Lake	665900	5573000	105	175	<100	15.7	1110	18	9.6	3.7	90
15	Dartt Lake	666100	5573000	146	155	<100	2.4	1470	21	10.7	6.6	51
16	Dartt Lake	666300	5573000	111	152	<100	1.5	740	20	10.3	4	109
17	Dartt Lake	666500	5573000	72	38	<100	5.1	2220	125	77	23.3	56
18	Dartt Lake	666700	5573000	19	37	<100	4.5	1530	8	3.9	2.8	19
19	Dartt Lake	666900	5573000	181	55	<100	19.1	1440	19	9	5.5	78
20	Dartt Lake	667100	5573000	10	26	<100	2.5	2910	4	1.9	1.1	17
21	Dartt Lake	667300	5573000	123	30	<100	7.5	1860	36	23.1	7	49
22	Dartt Lake	665100	5573500	153	92	<100	7.4	750	25	13.3	5.4	51
23	Dartt Lake	665300	5573500	222	50	<100	6.6	820	111	59.6	20.4	39
24	Dartt Lake	665500	5573500	184	89	<100	4.3	570	23	11	4.7	93
25	Dartt Lake	665700	5573500	211	46	<100	1.7	2480	44	24.9	11	39
26	Dartt Lake	665900	5573500	84	88	<100	0.8	2300	29	15.3	7.7	31
27	Dartt Lake	666100	5573500	124	34	<100	4	1940	46	26.8	12	13
28	Dartt Lake	666300	5573500	59	27	<100	8.3	1370	12	6.4	3.5	8
29	Dartt Lake	666500	5573500	56	17	<100	10.2	2030	35	17.7	11.7	20
30	Dartt Lake	666700	5573500	166	58	<100	3.6	500	27	12.8	6.7	70
31	Dartt Lake	666900	5573500	73	21	<100	3.5	650	29	15.9	6.2	48
32	Dartt Lake	667100	5573500	108	28	<100	3.3	820	17	8.7	3.8	67
33	Dartt Lake	667300	5573500	84	29	<100	2.7	710	17	8.9	3.7	56

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Ga	Gd	Hg	In	K	La	Li	Mg	Mn
1	Dartt Lake	665700	5572500		5	24 <1	<0.5		104	35 <5		34 2680
2	Dartt Lake	665900	5572500		3	39 <1	<0.5		41.8	69 <5		49 22100
3	Dartt Lake	666080	5572500		12	17 <1	<0.5		31.7	33 <5		11 4660
4	Dartt Lake	666300	5572500		12	22 <1	<0.5		40.4	42 <5		13 8120
5	Dartt Lake	666500	5572500		1	72 <1	<0.5		25.5	56 <5		80 6460
6	Dartt Lake	666700	5572500		19	24 <1	<0.5		54.7	60 <5		6 7730
7	Dartt Lake	666900	5572500		2	69 <1	<0.5		29.6	81 <5		29 2090
8	Dartt Lake	667100	5572500		2	35 <1	<0.5		11.7	47 <5		18 890
9	Dartt Lake	667300	5572500		5	29 <1	<0.5		45.8	46 <5		43 8020
10	Dartt Lake	665100	5573000		3	40 <1	<0.5		33.6	48 <5		37 2170
11	Dartt Lake	665300	5573000		15	19 <1	<0.5		31.8	47 <5		15 9890
12	Dartt Lake	665500	5573000		7	44 <1	<0.5		27.9	41 <5		23 9460
13	Dartt Lake	665700	5573000		3	30 <1	<0.5		20.6	33 <5		29 4820
14	Dartt Lake	665900	5573000		11	16 <1	<0.5		94.3	36 <5		14 3430
15	Dartt Lake	666100	5573000		4	25 <1	<0.5		18	57 <5		32 3670
16	Dartt Lake	666300	5573000		6	17 <1	<0.5		46.8	33 <5		40 4120
17	Dartt Lake	666500	5573000		4	100 <1	<0.5		29.9	87 <5		42 4200
18	Dartt Lake	666700	5573000	<1		10 <1	<0.5		28.9	14 <5		67 1620
19	Dartt Lake	666900	5573000		11	21 <1	<0.5		22.5	72 <5		16 3920
20	Dartt Lake	667100	5573000	<1		4 <1	<0.5		14.6	6 <5		30 760
21	Dartt Lake	667300	5573000		6	29 <1	<0.5		16.6	45 <5		18 4090
22	Dartt Lake	665100	5573500		4	22 <1	<0.5		27.1	50 <5		31 4880
23	Dartt Lake	665300	5573500		5	88 <1	<0.5		36.5	107 <5		34 5240
24	Dartt Lake	665500	5573500		8	20 <1	<0.5		25.1	51 <5		27 5300
25	Dartt Lake	665700	5573500		2	47 <1	<0.5		30	71 <5		51 1720
26	Dartt Lake	665900	5573500		1	33 <1	<0.5		31.4	51 <5		43 1880
27	Dartt Lake	666100	5573500		1	46 <1	<0.5		22.1	35 <5		58 6680
28	Dartt Lake	666300	5573500		1	14 <1	<0.5		35.6	19 <5		21 4810
29	Dartt Lake	666500	5573500		2	45 <1	<0.5		45.2	57 <5		47 1160
30	Dartt Lake	666700	5573500		6	26 <1	<0.5		88	48 <5		36 8760
31	Dartt Lake	666900	5573500		6	26 <1	<0.5		50.3	34 <5		30 3140
32	Dartt Lake	667100	5573500		4	15 <1	<0.5		93.7	26 <5		44 2830
33	Dartt Lake	667300	5573500		3	15 <1	<0.5		46.3	28 <5		47 1990

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Mo	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	
1	Dartt Lake	665700	5572500		8	2.1	59	75	2.1	200	<1	12	<1
2	Dartt Lake	665900	5572500		11	1	131	74	1.3	2010	<1	26	<1
3	Dartt Lake	666080	5572500		13	1.6	53	52	1.9	310	<1	11	<1
4	Dartt Lake	666300	5572500		14	2.4	66	86	3.7	380	<1	14	<1
5	Dartt Lake	666500	5572500		65	<0.5	147	89	0.2	50	<1	25	<1
6	Dartt Lake	666700	5572500		15	3.8	86	67	7.3	540	<1	19	<1
7	Dartt Lake	666900	5572500	<5		0.5	150	34	0.5	90	<1	29	<1
8	Dartt Lake	667100	5572500	<5		1	88	50	0.7	80	<1	17	<1
9	Dartt Lake	667300	5572500	<5		0.7	79	47	1.1	70	<1	16	<1
10	Dartt Lake	665100	5573000	<5		0.9	91	150	1.1	230	<1	17	<1
11	Dartt Lake	665300	5573000		7	4	63	107	7.6	1300	<1	14	<1
12	Dartt Lake	665500	5573000	<5		1.7	90	54	1.2	1090	<1	17	<1
13	Dartt Lake	665700	5573000	<5		0.6	64	74	0.5	1130	<1	13	<1
14	Dartt Lake	665900	5573000		10	2.7	49	87	4	360	<1	11	<1
15	Dartt Lake	666100	5573000		9	1.7	88	40	4	100	<1	18	<1
16	Dartt Lake	666300	5573000		6	2.2	49	101	4.3	270	<1	10	<1
17	Dartt Lake	666500	5573000	<5		0.6	189	153	0.5	610	<1	35	<1
18	Dartt Lake	666700	5573000		7	0.8	29	65	0.6	30	<1	5	<1
19	Dartt Lake	666900	5573000		13	3.6	83	30	6.8	240	<1	19	<1
20	Dartt Lake	667100	5573000	<5		<0.5	12	25	0.6	20	<1	2	<1
21	Dartt Lake	667300	5573000	<5		1.4	79	36	1.5	90	<1	16	<1
22	Dartt Lake	665100	5573500	<5		1.3	65	151	2	200	<1	14	<1
23	Dartt Lake	665300	5573500	<5		1	204	71	1.5	1330	<1	39	<1
24	Dartt Lake	665500	5573500		11	2.9	65	109	4.2	690	<1	14	<1
25	Dartt Lake	665700	5573500		22	0.7	133	92	1.3	130	<1	26	<1
26	Dartt Lake	665900	5573500		5	<0.5	102	59	0.3	40	<1	20	<1
27	Dartt Lake	666100	5573500	<5		<0.5	85	68	0.4	3060	<1	15	<1
28	Dartt Lake	666300	5573500	<5		<0.5	36	26	0.2	60	<1	7	<1
29	Dartt Lake	666500	5573500		8	0.7	111	55	0.6	180	<1	21	<1
30	Dartt Lake	666700	5573500		11	3.2	70	97	4.5	140	<1	15	<1
31	Dartt Lake	666900	5573500	<5		1.7	67	65	2.4	80	<1	13	<1
32	Dartt Lake	667100	5573500		6	2.7	44	52	4	60	<1	9	<1
33	Dartt Lake	667300	5573500	<5		1.5	41	95	1.4	50	<1	9	<1

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te
1	Dartt Lake	665700	5572500		170 <1		53	18 <1		1200 <1		4 <10
2	Dartt Lake	665900	5572500		77	1	42	33 <1		1000 <1		6 <10
3	Dartt Lake	666080	5572500		148 <1		43	15 <1		260 <1		3 <10
4	Dartt Lake	666300	5572500		165	1	58	18 <1		350 <1		4 <10
5	Dartt Lake	666500	5572500		58 <1		42	47 <1		3190 <1		10 <10
6	Dartt Lake	666700	5572500		172	1	48	23 <1		170 <1		4 <10
7	Dartt Lake	666900	5572500		110 <1		97	49 <1		1440 <1		12 <10
8	Dartt Lake	667100	5572500		128 <1		65	26 <1		880 <1		6 <10
9	Dartt Lake	667300	5572500		152 <1		149	22 <1		790 <1		6 <10
10	Dartt Lake	665100	5573000		121 <1		65	28 <1		1270 <1		7 <10
11	Dartt Lake	665300	5573000		190	1	53	17 <1		590 <1		4 <10
12	Dartt Lake	665500	5573000		148	1	79	28 <1		640 <1		10 <10
13	Dartt Lake	665700	5573000		188	3	54	20 <1		1030 <1		5 <10
14	Dartt Lake	665900	5573000		229	1	41	13 <1		420 <1		3 <10
15	Dartt Lake	666100	5573000		92	1	37	22 <1		940 <1		4 <10
16	Dartt Lake	666300	5573000		108 <1		49	13 <1		870 <1		3 <10
17	Dartt Lake	666500	5573000		85 <1		88	63 <1		1270 <1		18 <10
18	Dartt Lake	666700	5573000		116 <1		10	8 <1		2080 <1		1 <10
19	Dartt Lake	666900	5573000		165	1	41	20 <1		500 <1		3 <10
20	Dartt Lake	667100	5573000		86 <1		13	3 <1		1440 <1	<1	<10
21	Dartt Lake	667300	5573000		146 <1		116	23 <1		580 <1		6 <10
22	Dartt Lake	665100	5573500		174 <1		63	17 <1		1740 <1		4 <10
23	Dartt Lake	665300	5573500		219 <1		199	63 <1		1290 <1		17 <10
24	Dartt Lake	665500	5573500		151 <1		49	16 <1		630 <1		4 <10
25	Dartt Lake	665700	5573500		89 <1		96	36 <1		1520 <1		8 <10
26	Dartt Lake	665900	5573500		51 <1		27	29 <1		2420 <1		5 <10
27	Dartt Lake	666100	5573500		94 <1		59	31 <1		1830 <1		8 <10
28	Dartt Lake	666300	5573500		104 <1		11	10 <1		830 <1		2 <10
29	Dartt Lake	666500	5573500		88 <1		24	33 <1		1300 <1		6 <10
30	Dartt Lake	666700	5573500		139 <1		62	20 <1		650 <1		5 <10
31	Dartt Lake	666900	5573500		160 <1		67	20 <1		500 <1		4 <10
32	Dartt Lake	667100	5573500		143 <1		67	13 <1		670 <1		3 <10
33	Dartt Lake	667300	5573500		143 <1		58	12 <1		1490 <1		3 <10

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr	
1	Dartt Lake	665700	5572500		13	605 <0.5		12 <1		158	11	300	167
2	Dartt Lake	665900	5572500		12.6	156 <0.5		15 <1		199	14	740	81
3	Dartt Lake	666080	5572500		14.4	481 <0.5		12 <1		92	8	140	221
4	Dartt Lake	666300	5572500		24.1	699 <0.5		16 <1		133	11	210	261
5	Dartt Lake	666500	5572500		18	7 <0.5		123 <1		377	25	70	61
6	Dartt Lake	666700	5572500		24.7	1230 <0.5		12 <1		111	10	210	277
7	Dartt Lake	666900	5572500		14.1	115 <0.5		19 <1		404	28	60	150
8	Dartt Lake	667100	5572500		11.1	86 <0.5		16 <1		221	16	30	112
9	Dartt Lake	667300	5572500		16.1	185 <0.5		23 <1		223	23	250	185
10	Dartt Lake	665100	5573000		11.4	226 <0.5		11 <1		262	18	180	69
11	Dartt Lake	665300	5573000		34.5	1270 <0.5		13	1	126	11	1140	302
12	Dartt Lake	665500	5573000		22	546 <0.5		22 <1		446	31	590	169
13	Dartt Lake	665700	5573000		15.1	109 <0.5		28 <1		225	16	8620	128
14	Dartt Lake	665900	5573000		20.2	1220 <0.5		9 <1		88	7	290	158
15	Dartt Lake	666100	5573000		19.4	894 <0.5		9	1	107	8	50	119
16	Dartt Lake	666300	5573000		19.4	543 <0.5		14 <1		97	7	200	123
17	Dartt Lake	666500	5573000		14.6	65 <0.5		45 <1		816	55	420	100
18	Dartt Lake	666700	5573000		10.5	30 <0.5		24 <1		42	3	140	44
19	Dartt Lake	666900	5573000		32.5	1760 <0.5		12	2	87	7	90	403
20	Dartt Lake	667100	5573000		2.7	15 <0.5		6 <1		20	2	30	20
21	Dartt Lake	667300	5573000		14.8	231 <0.5		17 <1		202	19	80	177
22	Dartt Lake	665100	5573500		16	333 <0.5		10 <1		132	10	1300	147
23	Dartt Lake	665300	5573500		37.5	452	0.5	45 <1		605	41	380	372
24	Dartt Lake	665500	5573500		25.3	885 <0.5		11 <1		104	8	1050	157
25	Dartt Lake	665700	5573500		20.7	112 <0.5		18 <1		244	19	140	135
26	Dartt Lake	665900	5573500		14.7	57 <0.5		19 <1		155	12	120	77
27	Dartt Lake	666100	5573500		13.8	159 <0.5		24 <1		247	21	1920	115
28	Dartt Lake	666300	5573500		3.8	11 <0.5		16 <1		76	5	80	39
29	Dartt Lake	666500	5573500		12.5	52 <0.5		11 <1		208	13	130	88
30	Dartt Lake	666700	5573500		19.5	838 <0.5		12 <1		124	9	310	207
31	Dartt Lake	666900	5573500		10.9	448 <0.5		12 <1		153	11	250	143
32	Dartt Lake	667100	5573500		15.2	574 <0.5		11 <1		81	7	160	195
33	Dartt Lake	667300	5573500		11.6	260 <0.5		9 <1		84	6	70	116

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	<u>Grid E</u>	<u>Grid N</u>	<u>Slope</u>	<u>Vegetation</u>	<u>Ground Co</u>	<u>Texture</u>	<u>Moisture</u>	<u>Labjob</u>	<u>Project</u>
34	Dartt Lake	665100	5574000	65100	74000	E	New growt	Moss			TO112457	Dartt Lake
35	Dartt Lake	665300	5574000	65300	74000	W	New growt	Moss			TO112457	Dartt Lake
36	Dartt Lake	665500	5574000	65500	74000		Forest	Moss			TO112457	Dartt Lake
37	Dartt Lake	665700	5574000	65700	74000		Clear cut	Moss	dark browr	moist	TO112457	Dartt Lake
38	Dartt Lake	665900	5574000	65900	74000	E	Clear cut	Grass			TO112457	Dartt Lake
39	Dartt Lake	666090	5574000	66090	74000	E	Ravine	Moss		moist	TO112457	Dartt Lake
40	Dartt Lake	666300	5574000	66300	74000	E	Clear cut	Grass			TO112457	Dartt Lake
41	Dartt Lake	666500	5574000	66500	74000	W	Clear cut	Grass			TO112457	Dartt Lake
42	Dartt Lake	666700	5574000	66700	74000	W	Clear cut	Grass			TO112457	Dartt Lake
43	Dartt Lake	666900	5574000	66900	74000	W	Forest	Moss	black	moist	TO112457	Dartt Lake
44	Dartt Lake	667100	5574000	67100	74000		Clear cut	Grass	light brown		TO112457	Dartt Lake
45	Dartt Lake	667300	5574000	67300	74000	E	New growt	Grass	light brown		TO112457	Dartt Lake
46	Dartt Lake	665500	5575000	65500	75000	W	Forest	Grass			TO112457	Dartt Lake
47	Dartt Lake	665700	5575000	65700	75000		Forest	Moss			TO112457	Dartt Lake
48	Dartt Lake	665900	5575000	65900	75000		Forest	Moss			TO112457	Dartt Lake
49	Dartt Lake	664700	5575500	64700	75500		Forest	Moss		damp	TO112457	Dartt Lake
50	Dartt Lake	664900	5575500	64900	75500		Forest	Moss			TO112457	Dartt Lake
51	Dartt Lake	665100	5575500	65100	75500		Forest	Moss			TO112457	Dartt Lake
52	Dartt Lake	665300	5575500	65300	75500	E	Forest	Moss	light brown		TO112457	Dartt Lake
53	Dartt Lake	665500	5575500	65500	75500		Forest	Moss	dark grey/t	moist	TO112457	Dartt Lake
54	Dartt Lake	665700	5575500	65700	75500		Forest	Moss	black		TO112457	Dartt Lake
55	Dartt Lake	665900	5575500	65900	75500		New growt	Grass	light brown		TO112457	Dartt Lake
56	Dartt Lake	664700	5576000	64700	76000	N	New growt	Grass			TO112457	Dartt Lake
57	Dartt Lake	664900	5576000	64900	76000	N	New growt	Grass	light brown		TO112457	Dartt Lake
58	Dartt Lake	665100	5576000	65100	76000		New growt	Grass	grey/browr	damp	TO112457	Dartt Lake
59	Dartt Lake	665300	5576000	65300	76000	W	Forest	Moss			TO112457	Dartt Lake
60	Dartt Lake	665500	5576000	65500	76000		Forest	Moss			TO112457	Dartt Lake
61	Dartt Lake	665700	5576000	65700	76000		Forest	Moss		damp	TO112457	Dartt Lake
62	Dartt Lake	665900	5576000	65900	76000		Forest	Grass			TO112457	Dartt Lake

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	<u>Sample No</u>	Ag	Al	As	Au	Ba	Bi	Ca	Cd	
34	Dartt Lake	665100	5574000	L-74000N-6		53	124 <10	<0.1		1280 <1		460	39
35	Dartt Lake	665300	5574000	L-74000N-6		16	262 <10	<0.1		1580	2	60	20
36	Dartt Lake	665500	5574000	L-74000N-6		66	153 <10		0.3	2660 <1		280	51
37	Dartt Lake	665700	5574000	L-74000N-6		326	63 <10		2.2	4100 <1		510	46
38	Dartt Lake	665900	5574000	L-74000N-6		6	237 <10	<0.1		2430 <1		70	6
39	Dartt Lake	666090	5574000	L-74000N-6		32	59 <10		0.2	1670 <1		420	9
40	Dartt Lake	666300	5574000	L-74000N-6		30	138 <10		0.2	3810 <1		360	39
41	Dartt Lake	666500	5574000	L-74000N-6		56	215	10	0.2	1930 <1		110	11
42	Dartt Lake	666700	5574000	L-74000N-6		18	98 <10		0.3	3980 <1		440	6
43	Dartt Lake	666900	5574000	L-74000N-6		6	58 <10		0.2	1500 <1		250	37
44	Dartt Lake	667100	5574000	L-74000N-6		19	192 <10	<0.1		1330 <1		180	12
45	Dartt Lake	667300	5574000	L-74000N-6		32	149 <10		0.1	1860 <1		230	8
46	Dartt Lake	665500	5575000	L-75000N-6		27	247 <10	<0.1		3570 <1		140	29
47	Dartt Lake	665700	5575000	L-75000N-6		33	42 <10		0.2	5790 <1		710	7
48	Dartt Lake	665900	5575000	L-75000N-6		14	198 <10	<0.1		3060 <1		180	11
49	Dartt Lake	664700	5575500	L-76500N-6		57	67 <10		0.1	3070 <1		740	15
50	Dartt Lake	664900	5575500	L-76500N-6		96	32 <10		0.2	1490 <1		660	12
51	Dartt Lake	665100	5575500	L-76500N-6		135	56 <10		0.3	2360 <1		720	8
52	Dartt Lake	665300	5575500	L-76500N-6		13	134 <10		0.2	3090 <1		350	5
53	Dartt Lake	665500	5575500	L-76500N-6		10	175 <10	<0.1		1640 <1		80	8
54	Dartt Lake	665700	5575500	L-76500N-6		20	69 <10		0.2	5320 <1		620	6
55	Dartt Lake	665900	5575500	L-76500N-6		7	165 <10		0.3	5450 <1		250	7
56	Dartt Lake	664700	5576000	L-76000N-6		85	36 <10		0.3	4370 <1		780	9
57	Dartt Lake	664900	5576000	L-76000N-6		5	201 <10	<0.1		3340 <1		210	8
58	Dartt Lake	665100	5576000	L-76000N-6		17	254	10 <0.1		4780 <1		130	7
59	Dartt Lake	665300	5576000	L-76000N-6		18	109 <10	<0.1		3700 <1		450	4
60	Dartt Lake	665500	5576000	L-76000N-6		30	20 <10		0.5	2210 <1		560	5
61	Dartt Lake	665700	5576000	L-76000N-6		50	60 <10		0.2	3130 <1		730	23
62	Dartt Lake	665900	5576000	L-76000N-6		14	15 <10		0.3	2130 <1		490	2

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	
34	Dartt Lake	665100	5574000	36	45	<100		7	3400	34	20.2	8.2	23
35	Dartt Lake	665300	5574000	138	100	<100		11.2	890	30	17.1	5.3	74
36	Dartt Lake	665500	5574000	335	50	<100		6.5	2210	150	78.2	35	40
37	Dartt Lake	665700	5574000	71	50	<100		15.2	5300	67	45	13.4	13
38	Dartt Lake	665900	5574000	61	263	<100		1.9	480	20	11.4	2.9	163
39	Dartt Lake	666090	5574000	52	128	<100		0.9	2440	29	15.8	9	20
40	Dartt Lake	666300	5574000	108	15	<100		9.1	890	78	41.3	19.5	22
41	Dartt Lake	666500	5574000	118	71	<100		22.6	580	19	10.1	4	102
42	Dartt Lake	666700	5574000	130	25		100	1.3	1400	33	18.2	8.8	22
43	Dartt Lake	666900	5574000	7	112	<100		1	6590	12	9.7	2	199
44	Dartt Lake	667100	5574000	106	71	<100		2.7	700	28	14.9	5.2	108
45	Dartt Lake	667300	5574000	98	35	<100		3	920	34	19.8	6.8	69
46	Dartt Lake	665500	5575000	66	222	<100		3.7	470	22	12.9	3.5	98
47	Dartt Lake	665700	5575000	23	28	<100		0.7	3110	33	20	7.9	19
48	Dartt Lake	665900	5575000	137	111	<100		2.6	610	33	18.7	6.6	98
49	Dartt Lake	664700	5575500	50	49	<100		0.9	4270	37	22.1	8.4	20
50	Dartt Lake	664900	5575500	<5	55	<100	<0.5		7330	9	5	2.1	11
51	Dartt Lake	665100	5575500	26	44	<100	<0.5		18600	47	29.3	10.3	14
52	Dartt Lake	665300	5575500	116	76	<100		1.3	1870	71	42.1	17	57
53	Dartt Lake	665500	5575500	112	89	<100		5.6	1080	64	38.9	10.9	122
54	Dartt Lake	665700	5575500	49	30	<100		0.7	1960	50	26.9	14.1	17
55	Dartt Lake	665900	5575500	149	100	<100		3.7	520	41	21.6	9.1	70
56	Dartt Lake	664700	5576000	46	26	<100		0.6	4250	117	81.6	21	12
57	Dartt Lake	664900	5576000	124	205	<100		2.8	1270	43	25.9	7.3	144
58	Dartt Lake	665100	5576000	90	90	<100		6.2	780	19	11.1	4.1	109
59	Dartt Lake	665300	5576000	236	91	<100		0.9	1290	37	19.1	9.1	55
60	Dartt Lake	665500	5576000	30	140	<100	<0.5		3420	13	6.9	3.7	21
61	Dartt Lake	665700	5576000	23	23	<100		5.2	2540	59	41.2	11.1	10
62	Dartt Lake	665900	5576000	<5	19	<100	<0.5		940	9	5.7	1.9	14



<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Ga	Gd	Hg	In	K	La	Li	Mg	Mn
34	Dartt Lake	665100	5574000		2	34 <1	<0.5		26.3	61 <5		34 4220
35	Dartt Lake	665300	5574000		13	23 <1	<0.5		76.1	48 <5		17 8350
36	Dartt Lake	665500	5574000		5	145 <1	<0.5		47.3	187 <5		30 6510
37	Dartt Lake	665700	5574000		1	54 <1	<0.5		22.4	54 <5		63 12300
38	Dartt Lake	665900	5574000		10	12 <1	<0.5		56.2	23 <5		26 3280
39	Dartt Lake	666090	5574000		1	36 <1	<0.5		27.5	47 <5		85 10700
40	Dartt Lake	666300	5574000		2	74 <1	<0.5		35.7	117 <5		31 2080
41	Dartt Lake	666500	5574000		12	16 <1	<0.5		44	38 <5		13 8500
42	Dartt Lake	666700	5574000		1	34 <1	<0.5		40.7	43 <5	100	780
43	Dartt Lake	666900	5574000	<1		8 <1	<0.5		3.7	6 <5	37	1510
44	Dartt Lake	667100	5574000		7	23 <1	<0.5		36.3	32 <5	30	4680
45	Dartt Lake	667300	5574000		5	30 <1	<0.5		63.7	42 <5	42	6150
46	Dartt Lake	665500	5575000		7	13 <1	<0.5		22.6	23 <5	36	10600
47	Dartt Lake	665700	5575000	<1		35 <1	<0.5		23.2	38 <5	112	960
48	Dartt Lake	665900	5575000		6	27 <1	<0.5		49.3	47 <5	58	5640
49	Dartt Lake	664700	5575500		1	38 <1	<0.5		28	39 <5	40	2530
50	Dartt Lake	664900	5575500	<1		10 <1	<0.5		25.5	2 <5	45	1230
51	Dartt Lake	665100	5575500	<1		49 <1	<0.5		16	40 <5	34	1590
52	Dartt Lake	665300	5575500		2	72 <1	<0.5		39.2	92 <5	99	2490
53	Dartt Lake	665500	5575500		11	48 <1	<0.5		27.7	45 <5	36	4810
54	Dartt Lake	665700	5575500		1	57 <1	<0.5		27.2	74 <5	54	1550
55	Dartt Lake	665900	5575500		4	35 <1	<0.5		48.2	74 <5	63	4160
56	Dartt Lake	664700	5576000		1	107 <1	<0.5		32.5	62 <5	171	3790
57	Dartt Lake	664900	5576000		6	31 <1	<0.5		63.8	48 <5	39	3870
58	Dartt Lake	665100	5576000		13	15 <1	<0.5		28.9	31 <5	27	2020
59	Dartt Lake	665300	5576000		2	37 <1	<0.5		50.6	79 <5	78	2200
60	Dartt Lake	665500	5576000	<1		16 <1	<0.5		15.9	14 <5	138	4010
61	Dartt Lake	665700	5576000	<1		53 <1	<0.5		18.8	29 <5	107	2630
62	Dartt Lake	665900	5576000	<1		9 <1	<0.5		19	2 <5	149	610

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Mo	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt
34	Dartt Lake	665100	5574000		10	0.9	93	78	0.4	60 <1		19 <1
35	Dartt Lake	665300	5574000		8	2.2	72	81	4.4	260 <1		16 <1
36	Dartt Lake	665500	5574000		9	1.4	347	84	1.4	500 <1		68 <1
37	Dartt Lake	665700	5574000	<5	<0.5		101	141 <0.1		170 <1		19 <1
38	Dartt Lake	665900	5574000		11	3.5	34	153	8.8	290 <1		7 <1
39	Dartt Lake	666090	5574000		17 <0.5		102	185	0.3	10 <1		19 <1
40	Dartt Lake	666300	5574000	<5	<0.5		175	64	0.4	320 <1		35 <1
41	Dartt Lake	666500	5574000		10	4.3	52	49	4	420 <1		12 <1
42	Dartt Lake	666700	5574000	<5	<0.5		87	142	0.7	20 <1		16 <1
43	Dartt Lake	666900	5574000		8 <0.5		14	221	0.1	80 <1		2 <1
44	Dartt Lake	667100	5574000	<5		2.8	58	131	5.2	140 <1		12 <1
45	Dartt Lake	667300	5574000		5	2.3	74	62	3.4	80 <1		15 <1
46	Dartt Lake	665500	5575000	<5		2.3	34	165	4	380 <1		7 <1
47	Dartt Lake	665700	5575000		7	0.8	84	224	0.2	10 <1		16 <1
48	Dartt Lake	665900	5575000		6	3.1	74	185	4.3	130 <1		16 <1
49	Dartt Lake	664700	5575500	<5		0.5	85	101	0.3	20 <1		16 <1
50	Dartt Lake	664900	5575500		12 <0.5		12	164	0.2 <10	<1		2 <1
51	Dartt Lake	665100	5575500		6 <0.5		101	194 <0.1		10 <1		18 <1
52	Dartt Lake	665300	5575500		21	0.9	190	199	1.6	50 <1		35 <1
53	Dartt Lake	665500	5575500		6	1.9	106	185	2.6	90 <1		19 <1
54	Dartt Lake	665700	5575500		8 <0.5		146	112	0.3	20 <1		28 <1
55	Dartt Lake	665900	5575500		5	1.6	95	118	1.7	360 <1		20 <1
56	Dartt Lake	664700	5576000		15 <0.5		184	839	0.1	20 <1		31 <1
57	Dartt Lake	664900	5576000	<5		2.6	80	103	3.9	160 <1		16 <1
58	Dartt Lake	665100	5576000		6	3	47	71	8.3	90 <1		10 <1
59	Dartt Lake	665300	5576000		20	2.1	124	88	1.8	60 <1		27 <1
60	Dartt Lake	665500	5576000		9	0.7	43	326	0.3 <10	<1		7 <1
61	Dartt Lake	665700	5576000		6 <0.5		85	869	0.2	40 <1		14 <1
62	Dartt Lake	665900	5576000		7 <0.5		10	117	0.2 <10	<1		1 <1

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te
34	Dartt Lake	665100	5574000		126 <1		28	26 <1		1870 <1		6 <10
35	Dartt Lake	665300	5574000		234 <1		64	19 <1		360 <1		4 <10
36	Dartt Lake	665500	5574000		158 <1		108	104 <1		1290 <1		25 <10
37	Dartt Lake	665700	5574000		73	1	52	33 <1		3700 <1		10 <10
38	Dartt Lake	665900	5574000		113 <1		50	9 <1		490 <1		3 <10
39	Dartt Lake	666090	5574000		72 <1		25	28 <1		2140 <1		5 <10
40	Dartt Lake	666300	5574000		121 <1		44	50 <1		1250 <1		12 <10
41	Dartt Lake	666500	5574000		186 <1		50	14 <1		300 <1		3 <10
42	Dartt Lake	666700	5574000		89 <1		47	25 <1		2260 <1		6 <10
43	Dartt Lake	666900	5574000		9	5	49	5 <1		1530 <1		2 <10
44	Dartt Lake	667100	5574000		120 <1		75	17 <1		590 <1		4 <10
45	Dartt Lake	667300	5574000		119 <1		113	22 <1		760 <1		5 <10
46	Dartt Lake	665500	5575000		118 <1		65	10 <1		900 <1		3 <10
47	Dartt Lake	665700	5575000		45 <1		24	25 <1		3910 <1		5 <10
48	Dartt Lake	665900	5575000		135 <1		80	22 <1		930 <1		5 <10
49	Dartt Lake	664700	5575500		63 <1		26	27 <1		3650 <1		6 <10
50	Dartt Lake	664900	5575500		41 <1		14	5 <1		2200 <1		1 <10
51	Dartt Lake	665100	5575500		29 <1		18	33 <1		5180 <1		8 <10
52	Dartt Lake	665300	5575500		113 <1		122	54 <1		1630 <1		12 <10
53	Dartt Lake	665500	5575500		305 <1		122	33 <1		550 <1		9 <10
54	Dartt Lake	665700	5575500		39 <1		27	43 <1		3040 <1		8 <10
55	Dartt Lake	665900	5575500		112 <1		77	26 <1		1310 <1		6 <10
56	Dartt Lake	664700	5576000		41 <1		42	64 <1		3110 <1		18 <10
57	Dartt Lake	664900	5576000		127 <1		83	22 <1		1190 <1		6 <10
58	Dartt Lake	665100	5576000		121 <1		57	13 <1		550 <1		3 <10
59	Dartt Lake	665300	5576000		83 <1		71	32 <1		1620 <1		6 <10
60	Dartt Lake	665500	5576000		27 <1		13	13 <1		2290 <1		2 <10
61	Dartt Lake	665700	5576000		106 <1		26	32 <1		4070 <1		9 <10
62	Dartt Lake	665900	5576000		18 <1		15	4 <1		3080 <1		1 <10

<u>Sample</u>	<u>Area</u>	<u>UTM E</u>	<u>UTM N</u>	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr	
34	Dartt Lake	665100	5574000	6.9	27	<0.5		27	<1	232	16	80	54
35	Dartt Lake	665300	5574000	21.1	745	<0.5		13	1	161	13	670	261
36	Dartt Lake	665500	5574000	21.7	419	<0.5		30	<1	848	52	1140	174
37	Dartt Lake	665700	5574000	6.1	6		0.6	158	<1	520	34	290	70
38	Dartt Lake	665900	5574000	19.2	924	<0.5		8	<1	104	9	440	167
39	Dartt Lake	666090	5574000	13.3	12	<0.5		23	<1	184	12	<20	42
40	Dartt Lake	666300	5574000	11.7	65	<0.5		34	<1	508	27	80	104
41	Dartt Lake	666500	5574000	22.2	1150	<0.5		12	<1	89	9	170	293
42	Dartt Lake	666700	5574000	9.9	18	<0.5		8	<1	176	13	110	73
43	Dartt Lake	666900	5574000	2.2	49	<0.5		73	<1	100	9	220	36
44	Dartt Lake	667100	5574000	15.2	583	<0.5		9	<1	146	11	930	185
45	Dartt Lake	667300	5574000	11.9	401	<0.5		16	<1	188	15	380	197
46	Dartt Lake	665500	5575000	28.2	866	<0.5		18	<1	117	10	1670	135
47	Dartt Lake	665700	5575000	12.9	13	<0.5		154	<1	188	17	20	64
48	Dartt Lake	665900	5575000	19.9	817	<0.5		15	<1	180	14	640	194
49	Dartt Lake	664700	5575500	8.6	13	<0.5		28	<1	231	17	160	50
50	Dartt Lake	664900	5575500	5.8	9	<0.5		22	<1	52	4	<20	22
51	Dartt Lake	665100	5575500	3.6	<3	<0.5		184	<1	323	23	<20	25
52	Dartt Lake	665300	5575500	12.1	126	<0.5		29	<1	438	32	100	97
53	Dartt Lake	665500	5575500	14.3	533	<0.5		18	<1	383	30	440	165
54	Dartt Lake	665700	5575500	15	12	<0.5		64	<1	292	21	20	40
55	Dartt Lake	665900	5575500	19.6	455	<0.5		14	<1	222	15	120	138
56	Dartt Lake	664700	5576000	13.9	9	<0.5		63	<1	674	67	80	61
57	Dartt Lake	664900	5576000	15.4	468	<0.5		12	<1	243	18	240	171
58	Dartt Lake	665100	5576000	14.9	577	<0.5		9	<1	96	9	250	211
59	Dartt Lake	665300	5576000	21.7	106	<0.5		46	<1	181	15	40	118
60	Dartt Lake	665500	5576000	5.7	16	<0.5		52	<1	76	6	<20	24
61	Dartt Lake	665700	5576000	2.8	6	<0.5		115	<1	421	35	30	27
62	Dartt Lake	665900	5576000	5	8	<0.5		83	<1	51	5	<20	31

## Appendix II: Analytical Certificates



## Certificate of Analysis

Work Order: TO112457

To: **Brian Fowler**  
President  
**BCGold Corp.**  
1400-625 Howe St.  
VANCOUVER  
BC V6C 2T6

Date: Nov 23, 2010

P.O. No. : Project: Dartt Lake  
Project No. : -  
No. Of Samples : 62  
Date Submitted : Oct 25, 2010  
Report Comprises : Pages 1 to 13  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

STORE:

Certified By :

Gavin McGill  
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
L-7400N-65100E	53	124	<10	<0.1	1280	<1	460	39	36	45
L-7400N-65300E	16	262	<10	<0.1	1580	2	60	20	138	100
L-7400N-65500E	66	153	<10	0.3	2660	<1	280	51	335	50
L-7400N-65700E	326	63	<10	2.2	4100	<1	510	46	71	50
L-7400N-65900E	6	237	<10	<0.1	2430	<1	70	6	61	263
L-7400N-66100E	32	59	<10	0.2	1670	<1	420	9	52	128
L-7400N-66300E	30	138	<10	0.2	3810	<1	360	39	108	15
L-7400N-66500E	56	215	10	0.2	1930	<1	110	11	118	71
L-7400N-66700E	18	98	<10	0.3	3980	<1	440	6	130	25
L-7400N-66900E	6	58	<10	0.2	1500	<1	250	37	7	112
L-7400N-67100E	19	192	<10	<0.1	1330	<1	180	12	106	71
L-7400N-67300E	32	149	<10	0.1	1860	<1	230	8	98	35
L-7350N-65100E	67	183	<10	<0.1	5000	<1	260	63	153	92
L-7350N-65300E	23	185	<10	0.1	4110	<1	250	97	222	50
L-7350N-65500E	62	186	20	0.4	1680	<1	190	36	184	89
L-7350N-65700E	61	116	<10	0.4	2750	<1	350	19	211	46
L-7350N-65900E	52	61	<10	0.3	3790	<1	430	14	84	88
L-7350N-66100E	105	97	<10	0.2	2870	<1	510	125	124	34
L-7350N-66300E	34	77	<10	0.2	4040	<1	380	12	59	27
L-7350N-66500E	38	107	<10	0.2	8570	<1	400	7	56	17
L-7350N-66700E	24	178	<10	<0.1	3240	<1	210	7	166	58
L-7350N-66900E	36	143	<10	<0.1	1460	<1	190	8	73	21
L-7350N-67100E	19	144	<10	<0.1	2110	<1	220	7	108	28
L-7350N-67300E	12	145	<10	0.1	1780	<1	310	7	84	29
L-7300N-65100E	26	168	<10	0.1	2930	<1	320	14	98	104
L-7300N-65300E	40	298	30	<0.1	2600	2	90	33	136	165
L-7300N-65500E	65	215	<10	0.3	10700	<1	70	27	123	62
L-7300N-65700E	260	134	<10	0.2	2120	<1	230	675	152	14
L-7300N-65900E	84	234	10	0.1	2590	<1	130	13	105	175
L-7300N-66100E	26	89	20	1.0	2720	<1	200	3	146	155
L-7300N-66300E	43	177	<10	0.2	2120	<1	250	16	111	152
L-7300N-66500E	100	173	<10	<0.1	2480	<1	270	46	72	38
L-7300N-66700E	75	50	<10	0.2	5160	<1	500	21	19	37
L-7300N-66900E	65	176	20	0.7	7440	1	130	5	181	55
L-7300N-67100E	24	66	<10	0.9	2720	<1	460	5	10	26
L-7300N-67300E	33	164	<10	<0.1	2940	<1	230	9	123	30
L-7250N-65700E	79	151	<10	0.1	2820	<1	270	18	75	62
L-7250N-65900E	43	93	<10	3.0	1450	<1	310	18	108	205
L-7250N-66100E	78	159	<10	<0.1	790	<1	120	14	94	134
L-7250N-66300E	74	216	<10	0.1	1040	<1	130	13	128	76
L-7250N-66500E	160	42	<10	0.9	8030	<1	500	27	37	65
L-7250N-66700E	17	261	10	0.3	1550	<1	70	8	178	70
L-7250N-66900E	37	121	<10	0.2	7130	<1	330	6	129	33

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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
L-72500N-67100E	29	134	<10	0.2	2330	<1	350	9	100	30
L-72500N-67300E	52	184	<10	0.7	2850	<1	220	14	132	101
L-76500N-64700E	57	67	<10	0.1	3070	<1	740	15	50	49
L-76500N-64900E	96	32	<10	0.2	1490	<1	660	12	<5	55
L-76500N-65100E	135	56	<10	0.3	2360	<1	720	8	26	44
L-76500N-65300E	13	134	<10	0.2	3090	<1	350	5	116	76
L-76500N-65500E	10	175	<10	<0.1	1640	<1	80	8	112	89
L-76500N-65700E	20	69	<10	0.2	5320	<1	620	6	49	30
L-76500N-65900E	7	165	<10	0.3	5450	<1	250	7	149	100
L-76000N-64700E	85	36	<10	0.3	4370	<1	780	9	46	26
L-76000N-64900E	5	201	<10	<0.1	3340	<1	210	8	124	205
L-76000N-65100E	17	254	10	<0.1	4780	<1	130	7	90	90
L-76000N-65300E	18	109	<10	<0.1	3700	<1	450	4	236	91
L-76000N-65500E	30	20	<10	0.5	2210	<1	560	5	30	140
L-76000N-65700E	50	60	<10	0.2	3130	<1	730	23	23	23
L-76000N-65900E	14	15	<10	0.3	2130	<1	490	2	<5	19
L-75000N-65500E	27	247	<10	<0.1	3570	<1	140	29	66	222
L-75000N-65700E	33	42	<10	0.2	5790	<1	710	7	23	28
L-75000N-65900E	14	198	<10	<0.1	3060	<1	180	11	137	111
*Rep L-74000N-65300E	17	260	<10	<0.1	1740	2	60	22	138	85
*Rep L-73500N-65500E	63	188	10	0.4	1750	1	190	36	176	84
*Rep L-72500N-65900E	62	95	<10	1.8	1420	<1	320	20	110	165
*Rep L-76500N-64700E	58	64	<10	0.2	3100	<1	750	16	52	58
*Rep L-76000N-65500E	22	23	<10	0.1	1980	<1	530	5	60	165
*Std MMISRM16	18	52	20	25.2	60	<1	200	4	18	76
*Std AMISO169	10	76	20	0.3	710	<1	40	2	925	142
*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
L-74000N-65100E	<100	7.0	3400	34	20.2	8.2	23	2	34	<1
L-74000N-65300E	<100	11.2	890	30	17.1	5.3	74	13	23	<1
L-74000N-65500E	<100	6.5	2210	150	78.2	35.0	40	5	145	<1
L-74000N-65700E	<100	15.2	5300	67	45.0	13.4	13	1	54	<1
L-74000N-65900E	<100	1.9	480	20	11.4	2.9	163	10	12	<1
L-74000N-66100E	<100	0.9	2440	29	15.8	9.0	20	1	36	<1
L-74000N-66300E	<100	9.1	890	78	41.3	19.5	22	2	74	<1
L-74000N-66500E	<100	22.6	580	19	10.1	4.0	102	12	16	<1
L-74000N-66700E	100	1.3	1400	33	18.2	8.8	22	1	34	<1
L-74000N-66900E	<100	1.0	6590	12	9.7	2.0	199	<1	8	<1
L-74000N-67100E	<100	2.7	700	28	14.9	5.2	108	7	23	<1
L-74000N-67300E	<100	3.0	920	34	19.8	6.8	69	5	30	<1
L-73500N-65100E	<100	7.4	750	25	13.3	5.4	51	4	22	<1
L-73500N-65300E	<100	6.6	820	111	59.6	20.4	39	5	88	<1
L-73500N-65500E	<100	4.3	570	23	11.0	4.7	93	8	20	<1
L-73500N-65700E	<100	1.7	2480	44	24.9	11.0	39	2	47	<1
L-73500N-65900E	<100	0.8	2300	29	15.3	7.7	31	1	33	<1
L-73500N-66100E	<100	4.0	1940	46	26.8	12.0	13	1	46	<1
L-73500N-66300E	<100	8.3	1370	12	6.4	3.5	8	1	14	<1
L-73500N-66500E	<100	10.2	2030	35	17.7	11.7	20	2	45	<1
L-73500N-66700E	<100	3.6	500	27	12.8	6.7	70	6	26	<1
L-73500N-66900E	<100	3.5	650	29	15.9	6.2	48	6	26	<1
L-73500N-67100E	<100	3.3	820	17	8.7	3.8	67	4	15	<1
L-73500N-67300E	<100	2.7	710	17	8.9	3.7	56	3	15	<1
L-73000N-65100E	<100	3.8	1400	45	25.1	9.2	62	3	40	<1
L-73000N-65300E	<100	10.7	730	25	13.6	4.8	117	15	19	<1
L-73000N-65500E	<100	29.5	2190	80	44.8	10.2	51	7	44	<1
L-73000N-65700E	<100	5.6	1060	36	21.9	6.6	34	3	30	<1
L-73000N-65900E	<100	15.7	1110	18	9.6	3.7	90	11	16	<1
L-73000N-66100E	<100	2.4	1470	21	10.7	6.6	51	4	25	<1
L-73000N-66300E	<100	1.5	740	20	10.3	4.0	109	6	17	<1
L-73000N-66500E	<100	5.1	2220	125	77.0	23.3	56	4	100	<1
L-73000N-66700E	<100	4.5	1530	8	3.9	2.8	19	<1	10	<1
L-73000N-66900E	<100	19.1	1440	19	9.0	5.5	78	11	21	<1
L-73000N-67100E	<100	2.5	2910	4	1.9	1.1	17	<1	4	<1
L-73000N-67300E	<100	7.5	1860	36	23.1	7.0	49	6	29	<1
L-72500N-65700E	<100	4.9	1350	28	15.6	5.7	74	5	24	<1
L-72500N-65900E	<100	1.4	1030	34	18.7	9.7	47	3	39	<1
L-72500N-66100E	<100	6.8	1050	18	10.6	4.0	53	12	17	<1
L-72500N-66300E	<100	2.9	710	25	14.7	5.1	73	12	22	<1
L-72500N-66500E	<100	2.2	6950	59	33.3	18.1	13	1	72	<1
L-72500N-66700E	<100	7.4	960	24	12.2	5.9	78	19	24	<1
L-72500N-66900E	<100	4.6	2470	74	39.7	16.1	19	2	69	<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
L-72500N-67100E	<100	2.7	1600	37	21.3	8.0	38	2	35	<1
L-72500N-67300E	<100	5.2	12700	41	27.2	6.5	51	5	29	<1
L-76500N-64700E	<100	0.9	4270	37	22.1	8.4	20	1	38	<1
L-76500N-64900E	<100	<0.5	7330	9	5.0	2.1	11	<1	10	<1
L-76500N-65100E	<100	<0.5	18600	47	29.3	10.3	14	<1	49	<1
L-76500N-65300E	<100	1.3	1870	71	42.1	17.0	57	2	72	<1
L-76500N-65500E	<100	5.6	1080	64	38.9	10.9	122	11	48	<1
L-76500N-65700E	<100	0.7	1960	50	26.9	14.1	17	1	57	<1
L-76500N-65900E	<100	3.7	520	41	21.6	9.1	70	4	35	<1
L-76000N-64700E	<100	0.6	4250	117	81.6	21.0	12	1	107	<1
L-76000N-64900E	<100	2.8	1270	43	25.9	7.3	144	6	31	<1
L-76000N-65100E	<100	6.2	780	19	11.1	4.1	109	13	15	<1
L-76000N-65300E	<100	0.9	1290	37	19.1	9.1	55	2	37	<1
L-76000N-65500E	<100	<0.5	3420	13	6.9	3.7	21	<1	16	<1
L-76000N-65700E	<100	5.2	2540	59	41.2	11.1	10	<1	53	<1
L-76000N-65900E	<100	<0.5	940	9	5.7	1.9	14	<1	9	<1
L-75000N-65500E	<100	3.7	470	22	12.9	3.5	98	7	13	<1
L-75000N-65700E	<100	0.7	3110	33	20.0	7.9	19	<1	35	<1
L-75000N-65900E	<100	2.6	610	33	18.7	6.6	98	6	27	<1
*Rep L-74000N-65300E	<100	12.0	990	35	19.7	5.6	68	12	26	<1
*Rep L-73500N-65500E	<100	4.3	580	23	11.6	4.5	90	7	20	<1
*Rep L-72500N-65900E	<100	1.4	880	36	19.5	10.1	34	2	40	<1
*Rep L-76500N-64700E	<100	0.8	4640	42	24.6	9.1	20	1	43	<1
*Rep L-76000N-65500E	<100	<0.5	4030	15	8.4	4.6	31	<1	18	<1
*Std MMISRM16	<100	12.9	780	3	1.3	1.3	2	<1	5	18
*Std AMISO169	100	8.5	4830	35	15.2	13.3	53	14	50	<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
L-74000N-65100E	<0.5	26.3	61	<5	34	4220	10	0.9	93	78
L-74000N-65300E	<0.5	76.1	48	<5	17	8350	8	2.2	72	81
L-74000N-65500E	<0.5	47.3	187	<5	30	6510	9	1.4	347	84
L-74000N-65700E	<0.5	22.4	54	<5	63	12300	<5	<0.5	101	141
L-74000N-65900E	<0.5	56.2	23	<5	26	3280	11	3.5	34	153
L-74000N-66100E	<0.5	27.5	47	<5	85	10700	17	<0.5	102	185
L-74000N-66300E	<0.5	35.7	117	<5	31	2080	<5	<0.5	175	64
L-74000N-66500E	<0.5	44.0	38	<5	13	8500	10	4.3	52	49
L-74000N-66700E	<0.5	40.7	43	<5	100	780	<5	<0.5	87	142
L-74000N-66900E	<0.5	3.7	6	<5	37	1510	8	<0.5	14	221
L-74000N-67100E	<0.5	36.3	32	<5	30	4680	<5	2.8	58	131
L-74000N-67300E	<0.5	63.7	42	<5	42	6150	5	2.3	74	62
L-73500N-65100E	<0.5	27.1	50	<5	31	4880	<5	1.3	65	151
L-73500N-65300E	<0.5	36.5	107	<5	34	5240	<5	1.0	204	71
L-73500N-65500E	<0.5	25.1	51	<5	27	5300	11	2.9	65	109
L-73500N-65700E	<0.5	30.0	71	<5	51	1720	22	0.7	133	92
L-73500N-65900E	<0.5	31.4	51	<5	43	1880	5	<0.5	102	59
L-73500N-66100E	<0.5	22.1	35	<5	58	6680	<5	<0.5	85	68
L-73500N-66300E	<0.5	35.6	19	<5	21	4810	<5	<0.5	36	26
L-73500N-66500E	<0.5	45.2	57	<5	47	1160	8	0.7	111	55
L-73500N-66700E	<0.5	88.0	48	<5	36	8760	11	3.2	70	97
L-73500N-66900E	<0.5	50.3	34	<5	30	3140	<5	1.7	67	65
L-73500N-67100E	<0.5	93.7	26	<5	44	2830	6	2.7	44	52
L-73500N-67300E	<0.5	46.3	28	<5	47	1990	<5	1.5	41	95
L-73000N-65100E	<0.5	33.6	48	<5	37	2170	<5	0.9	91	150
L-73000N-65300E	<0.5	31.8	47	<5	15	9890	7	4.0	63	107
L-73000N-65500E	<0.5	27.9	41	<5	23	9460	<5	1.7	90	54
L-73000N-65700E	<0.5	20.6	33	<5	29	4820	<5	0.6	64	74
L-73000N-65900E	<0.5	94.3	36	<5	14	3430	10	2.7	49	87
L-73000N-66100E	<0.5	18.0	57	<5	32	3670	9	1.7	88	40
L-73000N-66300E	<0.5	46.8	33	<5	40	4120	6	2.2	49	101
L-73000N-66500E	<0.5	29.9	87	<5	42	4200	<5	0.6	189	153
L-73000N-66700E	<0.5	28.9	14	<5	67	1620	7	0.8	29	65
L-73000N-66900E	<0.5	22.5	72	<5	16	3920	13	3.6	83	30
L-73000N-67100E	<0.5	14.6	6	<5	30	760	<5	<0.5	12	25
L-73000N-67300E	<0.5	16.6	45	<5	18	4090	<5	1.4	79	36
L-72500N-65700E	<0.5	104	35	<5	34	2680	8	2.1	59	75
L-72500N-65900E	<0.5	41.8	69	<5	49	22100	11	1.0	131	74
L-72500N-66100E	<0.5	31.7	33	<5	11	4660	13	1.6	53	52
L-72500N-66300E	<0.5	40.4	42	<5	13	8120	14	2.4	66	86
L-72500N-66500E	<0.5	25.5	56	<5	80	6460	65	<0.5	147	89
L-72500N-66700E	<0.5	54.7	60	<5	6	7730	15	3.8	86	67
L-72500N-66900E	<0.5	29.6	81	<5	29	2090	<5	0.5	150	34

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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
L-72500N-67100E	<0.5	11.7	47	<5	18	890	<5	1.0	88	50
L-72500N-67300E	<0.5	45.8	46	<5	43	8020	<5	0.7	79	47
L-76500N-64700E	<0.5	28.0	39	<5	40	2530	<5	0.5	85	101
L-76500N-64900E	<0.5	25.5	2	<5	45	1230	12	<0.5	12	164
L-76500N-65100E	<0.5	16.0	40	<5	34	1590	6	<0.5	101	194
L-76500N-65300E	<0.5	39.2	92	<5	99	2490	21	0.9	190	199
L-76500N-65500E	<0.5	27.7	45	<5	36	4810	6	1.9	106	185
L-76500N-65700E	<0.5	27.2	74	<5	54	1550	8	<0.5	146	112
L-76500N-65900E	<0.5	48.2	74	<5	63	4160	5	1.6	95	118
L-76000N-64700E	<0.5	32.5	62	<5	171	3790	15	<0.5	184	839
L-76000N-64900E	<0.5	63.8	48	<5	39	3870	<5	2.6	80	103
L-76000N-65100E	<0.5	28.9	31	<5	27	2020	6	3.0	47	71
L-76000N-65300E	<0.5	50.6	79	<5	78	2200	20	2.1	124	88
L-76000N-65500E	<0.5	15.9	14	<5	138	4010	9	0.7	43	326
L-76000N-65700E	<0.5	18.8	29	<5	107	2630	6	<0.5	85	869
L-76000N-65900E	<0.5	19.0	2	<5	149	610	7	<0.5	10	117
L-75000N-65500E	<0.5	22.6	23	<5	36	10600	<5	2.3	34	165
L-75000N-65700E	<0.5	23.2	38	<5	112	960	7	0.8	84	224
L-75000N-65900E	<0.5	49.3	47	<5	58	5640	6	3.1	74	185
*Rep L-74000N-65300E	<0.5	88.8	47	<5	20	7260	6	1.9	77	79
*Rep L-73500N-65500E	<0.5	27.3	48	<5	31	5140	10	2.6	61	118
*Rep L-72500N-65900E	<0.5	42.8	63	<5	50	15000	10	0.8	125	72
*Rep L-76500N-64700E	<0.5	28.2	43	<5	41	2810	<5	0.5	95	102
*Rep L-76000N-65500E	<0.5	17.1	26	<5	132	6250	13	1.1	63	335
*Std MMISRM16	<0.5	37.3	4	<5	29	120	57	<0.5	17	356
*Std AMISO169	<0.5	42.5	449	<5	35	4530	5	4.7	432	580
*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
L-74000N-65100E	0.4	60	<1	19	<1	126	<1	28	26	<1
L-74000N-65300E	4.4	260	<1	16	<1	234	<1	64	19	<1
L-74000N-65500E	1.4	500	<1	68	<1	158	<1	108	104	<1
L-74000N-65700E	<0.1	170	<1	19	<1	73	1	52	33	<1
L-74000N-65900E	8.8	290	<1	7	<1	113	<1	50	9	<1
L-74000N-66100E	0.3	10	<1	19	<1	72	<1	25	28	<1
L-74000N-66300E	0.4	320	<1	35	<1	121	<1	44	50	<1
L-74000N-66500E	4.0	420	<1	12	<1	186	<1	50	14	<1
L-74000N-66700E	0.7	20	<1	16	<1	89	<1	47	25	<1
L-74000N-66900E	0.1	80	<1	2	<1	9	5	49	5	<1
L-74000N-67100E	5.2	140	<1	12	<1	120	<1	75	17	<1
L-74000N-67300E	3.4	80	<1	15	<1	119	<1	113	22	<1
L-73500N-65100E	2.0	200	<1	14	<1	174	<1	63	17	<1
L-73500N-65300E	1.5	1330	<1	39	<1	219	<1	199	63	<1
L-73500N-65500E	4.2	690	<1	14	<1	151	<1	49	16	<1
L-73500N-65700E	1.3	130	<1	26	<1	89	<1	96	36	<1
L-73500N-65900E	0.3	40	<1	20	<1	51	<1	27	29	<1
L-73500N-66100E	0.4	3060	<1	15	<1	94	<1	59	31	<1
L-73500N-66300E	0.2	60	<1	7	<1	104	<1	11	10	<1
L-73500N-66500E	0.6	180	<1	21	<1	88	<1	24	33	<1
L-73500N-66700E	4.5	140	<1	15	<1	139	<1	62	20	<1
L-73500N-66900E	2.4	80	<1	13	<1	160	<1	67	20	<1
L-73500N-67100E	4.0	60	<1	9	<1	143	<1	67	13	<1
L-73500N-67300E	1.4	50	<1	9	<1	143	<1	58	12	<1
L-73000N-65100E	1.1	230	<1	17	<1	121	<1	65	28	<1
L-73000N-65300E	7.6	1300	<1	14	<1	190	1	53	17	<1
L-73000N-65500E	1.2	1090	<1	17	<1	148	1	79	28	<1
L-73000N-65700E	0.5	1130	<1	13	<1	188	3	54	20	<1
L-73000N-65900E	4.0	360	<1	11	<1	229	1	41	13	<1
L-73000N-66100E	4.0	100	<1	18	<1	92	1	37	22	<1
L-73000N-66300E	4.3	270	<1	10	<1	108	<1	49	13	<1
L-73000N-66500E	0.5	610	<1	35	<1	85	<1	88	63	<1
L-73000N-66700E	0.6	30	<1	5	<1	116	<1	10	8	<1
L-73000N-66900E	6.8	240	<1	19	<1	165	1	41	20	<1
L-73000N-67100E	0.6	20	<1	2	<1	86	<1	13	3	<1
L-73000N-67300E	1.5	90	<1	16	<1	146	<1	116	23	<1
L-72500N-65700E	2.1	200	<1	12	<1	170	<1	53	18	<1
L-72500N-65900E	1.3	2010	<1	26	<1	77	1	42	33	<1
L-72500N-66100E	1.9	310	<1	11	<1	148	<1	43	15	<1
L-72500N-66300E	3.7	380	<1	14	<1	165	1	58	18	<1
L-72500N-66500E	0.2	50	<1	25	<1	58	<1	42	47	<1
L-72500N-66700E	7.3	540	<1	19	<1	172	1	48	23	<1
L-72500N-66900E	0.5	90	<1	29	<1	110	<1	97	49	<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
L-72500N-67100E	0.7	80	<1	17	<1	128	<1	65	26	<1
L-72500N-67300E	1.1	70	<1	16	<1	152	<1	149	22	<1
L-76500N-64700E	0.3	20	<1	16	<1	63	<1	26	27	<1
L-76500N-64900E	0.2	<10	<1	2	<1	41	<1	14	5	<1
L-76500N-65100E	<0.1	10	<1	18	<1	29	<1	18	33	<1
L-76500N-65300E	1.6	50	<1	35	<1	113	<1	122	54	<1
L-76500N-65500E	2.6	90	<1	19	<1	305	<1	122	33	<1
L-76500N-65700E	0.3	20	<1	28	<1	39	<1	27	43	<1
L-76500N-65900E	1.7	360	<1	20	<1	112	<1	77	26	<1
L-76000N-64700E	0.1	20	<1	31	<1	41	<1	42	64	<1
L-76000N-64900E	3.9	160	<1	16	<1	127	<1	83	22	<1
L-76000N-65100E	8.3	90	<1	10	<1	121	<1	57	13	<1
L-76000N-65300E	1.8	60	<1	27	<1	83	<1	71	32	<1
L-76000N-65500E	0.3	<10	<1	7	<1	27	<1	13	13	<1
L-76000N-65700E	0.2	40	<1	14	<1	106	<1	26	32	<1
L-76000N-65900E	0.2	<10	<1	1	<1	18	<1	15	4	<1
L-75000N-65500E	4.0	380	<1	7	<1	118	<1	65	10	<1
L-75000N-65700E	0.2	10	<1	16	<1	45	<1	24	25	<1
L-75000N-65900E	4.3	130	<1	16	<1	135	<1	80	22	<1
*Rep L-74000N-65300E	3.5	320	<1	16	<1	270	<1	67	20	<1
*Rep L-73500N-65500E	3.6	720	<1	14	<1	156	<1	48	16	<1
*Rep L-72500N-65900E	1.1	2300	<1	24	<1	79	<1	36	33	<1
*Rep L-76500N-64700E	0.2	20	<1	17	<1	63	<1	27	30	<1
*Rep L-76000N-65500E	0.3	<10	<1	12	<1	28	<1	16	17	<1
*Std MMISRM16	0.3	110	32	3	<1	319	<1	9	5	<1
*Std AMISO169	3.3	140	<1	112	<1	247	1	72	74	<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
L-74000N-65100E	1870	<1	6	<10	6.9	27	<0.5	27	<1	232
L-74000N-65300E	360	<1	4	<10	21.1	745	<0.5	13	1	161
L-74000N-65500E	1290	<1	25	<10	21.7	419	<0.5	30	<1	848
L-74000N-65700E	3700	<1	10	<10	6.1	6	0.6	158	<1	520
L-74000N-65900E	490	<1	3	<10	19.2	924	<0.5	8	<1	104
L-74000N-66100E	2140	<1	5	<10	13.3	12	<0.5	23	<1	184
L-74000N-66300E	1250	<1	12	<10	11.7	65	<0.5	34	<1	508
L-74000N-66500E	300	<1	3	<10	22.2	1150	<0.5	12	<1	89
L-74000N-66700E	2260	<1	6	<10	9.9	18	<0.5	8	<1	176
L-74000N-66900E	1530	<1	2	<10	2.2	49	<0.5	73	<1	100
L-74000N-67100E	590	<1	4	<10	15.2	583	<0.5	9	<1	146
L-74000N-67300E	760	<1	5	<10	11.9	401	<0.5	16	<1	188
L-73500N-65100E	1740	<1	4	<10	16.0	333	<0.5	10	<1	132
L-73500N-65300E	1290	<1	17	<10	37.5	452	0.5	45	<1	605
L-73500N-65500E	630	<1	4	<10	25.3	885	<0.5	11	<1	104
L-73500N-65700E	1520	<1	8	<10	20.7	112	<0.5	18	<1	244
L-73500N-65900E	2420	<1	5	<10	14.7	57	<0.5	19	<1	155
L-73500N-66100E	1830	<1	8	<10	13.8	159	<0.5	24	<1	247
L-73500N-66300E	830	<1	2	<10	3.8	11	<0.5	16	<1	76
L-73500N-66500E	1300	<1	6	<10	12.5	52	<0.5	11	<1	208
L-73500N-66700E	650	<1	5	<10	19.5	838	<0.5	12	<1	124
L-73500N-66900E	500	<1	4	<10	10.9	448	<0.5	12	<1	153
L-73500N-67100E	670	<1	3	<10	15.2	574	<0.5	11	<1	81
L-73500N-67300E	1490	<1	3	<10	11.6	260	<0.5	9	<1	84
L-73000N-65100E	1270	<1	7	<10	11.4	226	<0.5	11	<1	262
L-73000N-65300E	590	<1	4	<10	34.5	1270	<0.5	13	1	126
L-73000N-65500E	640	<1	10	<10	22.0	546	<0.5	22	<1	446
L-73000N-65700E	1030	<1	5	<10	15.1	109	<0.5	28	<1	225
L-73000N-65900E	420	<1	3	<10	20.2	1220	<0.5	9	<1	88
L-73000N-66100E	940	<1	4	<10	19.4	894	<0.5	9	1	107
L-73000N-66300E	870	<1	3	<10	19.4	543	<0.5	14	<1	97
L-73000N-66500E	1270	<1	18	<10	14.6	65	<0.5	45	<1	816
L-73000N-66700E	2080	<1	1	<10	10.5	30	<0.5	24	<1	42
L-73000N-66900E	500	<1	3	<10	32.5	1760	<0.5	12	2	87
L-73000N-67100E	1440	<1	<1	<10	2.7	15	<0.5	6	<1	20
L-73000N-67300E	580	<1	6	<10	14.8	231	<0.5	17	<1	202
L-72500N-65700E	1200	<1	4	<10	13.0	605	<0.5	12	<1	158
L-72500N-65900E	1000	<1	6	<10	12.6	156	<0.5	15	<1	199
L-72500N-66100E	260	<1	3	<10	14.4	481	<0.5	12	<1	92
L-72500N-66300E	350	<1	4	<10	24.1	699	<0.5	16	<1	133
L-72500N-66500E	3190	<1	10	<10	18.0	7	<0.5	123	<1	377
L-72500N-66700E	170	<1	4	<10	24.7	1230	<0.5	12	<1	111
L-72500N-66900E	1440	<1	12	<10	14.1	115	<0.5	19	<1	404

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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
L-72500N-67100E	880	<1	6	<10	11.1	86	<0.5	16	<1	221
L-72500N-67300E	790	<1	6	<10	16.1	185	<0.5	23	<1	223
L-76500N-64700E	3650	<1	6	<10	8.6	13	<0.5	28	<1	231
L-76500N-64900E	2200	<1	1	<10	5.8	9	<0.5	22	<1	52
L-76500N-65100E	5180	<1	8	<10	3.6	<3	<0.5	184	<1	323
L-76500N-65300E	1630	<1	12	<10	12.1	126	<0.5	29	<1	438
L-76500N-65500E	550	<1	9	<10	14.3	533	<0.5	18	<1	383
L-76500N-65700E	3040	<1	8	<10	15.0	12	<0.5	64	<1	292
L-76500N-65900E	1310	<1	6	<10	19.6	455	<0.5	14	<1	222
L-76000N-64700E	3110	<1	18	<10	13.9	9	<0.5	63	<1	674
L-76000N-64900E	1190	<1	6	<10	15.4	468	<0.5	12	<1	243
L-76000N-65100E	550	<1	3	<10	14.9	577	<0.5	9	<1	96
L-76000N-65300E	1620	<1	6	<10	21.7	106	<0.5	46	<1	181
L-76000N-65500E	2290	<1	2	<10	5.7	16	<0.5	52	<1	76
L-76000N-65700E	4070	<1	9	<10	2.8	6	<0.5	115	<1	421
L-76000N-65900E	3080	<1	1	<10	5.0	8	<0.5	83	<1	51
L-75000N-65500E	900	<1	3	<10	28.2	866	<0.5	18	<1	117
L-75000N-65700E	3910	<1	5	<10	12.9	13	<0.5	154	<1	188
L-75000N-65900E	930	<1	5	<10	19.9	817	<0.5	15	<1	180
*Rep L-74000N-65300E	420	<1	5	<10	19.9	617	<0.5	14	<1	193
*Rep L-73500N-65500E	700	<1	4	<10	24.0	769	<0.5	11	<1	107
*Rep L-72500N-65900E	1010	<1	6	<10	12.3	118	<0.5	14	<1	203
*Rep L-76500N-64700E	3760	<1	7	<10	8.6	19	<0.5	30	<1	255
*Rep L-76000N-65500E	2120	<1	3	<10	7.5	22	<0.5	57	<1	91
*Std MMISRM16	440	<1	<1	<10	23.1	5	<0.5	59	<1	12
*Std AMISO169	80	<1	8	<10	104	526	1.4	34	2	149
*Blk BLANK	<10	<1	<1	<10	<0.5	5	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
L-74000N-65100E	16	80	54
L-74000N-65300E	13	670	261
L-74000N-65500E	52	1140	174
L-74000N-65700E	34	290	70
L-74000N-65900E	9	440	167
L-74000N-66100E	12	<20	42
L-74000N-66300E	27	80	104
L-74000N-66500E	9	170	293
L-74000N-66700E	13	110	73
L-74000N-66900E	9	220	36
L-74000N-67100E	11	930	185
L-74000N-67300E	15	380	197
L-73500N-65100E	10	1300	147
L-73500N-65300E	41	380	372
L-73500N-65500E	8	1050	157
L-73500N-65700E	19	140	135
L-73500N-65900E	12	120	77
L-73500N-66100E	21	1920	115
L-73500N-66300E	5	80	39
L-73500N-66500E	13	130	88
L-73500N-66700E	9	310	207
L-73500N-66900E	11	250	143
L-73500N-67100E	7	160	195
L-73500N-67300E	6	70	116
L-73000N-65100E	18	180	69
L-73000N-65300E	11	1140	302
L-73000N-65500E	31	590	169
L-73000N-65700E	16	8620	128
L-73000N-65900E	7	290	158
L-73000N-66100E	8	50	119
L-73000N-66300E	7	200	123
L-73000N-66500E	55	420	100
L-73000N-66700E	3	140	44
L-73000N-66900E	7	90	403
L-73000N-67100E	2	30	20
L-73000N-67300E	19	80	177
L-72500N-65700E	11	300	167
L-72500N-65900E	14	740	81
L-72500N-66100E	8	140	221
L-72500N-66300E	11	210	261
L-72500N-66500E	25	70	61
L-72500N-66700E	10	210	277
L-72500N-66900E	28	60	150

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Final : TO112457 Order: Project: Dartt Lake

Page 13 of 13

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
L-72500N-67100E	16	30	112
L-72500N-67300E	23	250	185
L-76500N-64700E	17	160	50
L-76500N-64900E	4	<20	22
L-76500N-65100E	23	<20	25
L-76500N-65300E	32	100	97
L-76500N-65500E	30	440	165
L-76500N-65700E	21	20	40
L-76500N-65900E	15	120	138
L-76000N-64700E	67	80	61
L-76000N-64900E	18	240	171
L-76000N-65100E	9	250	211
L-76000N-65300E	15	40	118
L-76000N-65500E	6	<20	24
L-76000N-65700E	35	30	27
L-76000N-65900E	5	<20	31
L-75000N-65500E	10	1670	135
L-75000N-65700E	17	20	64
L-75000N-65900E	14	640	194
*Rep L-74000N-65300E	16	560	232
*Rep L-73500N-65500E	8	1000	141
*Rep L-72500N-65900E	14	790	76
*Rep L-76500N-64700E	19	130	52
*Rep L-76000N-65500E	7	<20	28
*Std MMISRM16	<1	320	20
*Std AMISO169	12	290	71
*BIK BLANK	<1	<20	<5
*BIK BLANK	<1	<20	<5

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