Eureka Resources, Inc.

BOW - LOTTIE PROJECT

2001 FIELD PROGRAM

Geophysical and Geochemical Surveys, Diamond Drilling

On the

BOW 1-27, RON 1-4, KAREN 1-8, NORTH 1-8, ALPHA 1-6, BRAVO 1-12,
CHARLIE 1-5, BOWRON 1-4, LOTTIE 1-4, LOT 1-19 and LOTT 1-3, A-H

Cariboo Mining Division,
British Columbia

Location
NTS 093H/4E, 5E, 6W
Latitude 53 12'N to 53 26'N
Longitude 121 28' to 121 43'W

Owner: Eureka Resources, Inc.

By

Gerald E. Bidwell

April 26, 2002

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1. EXECUTIVE SUMMARY

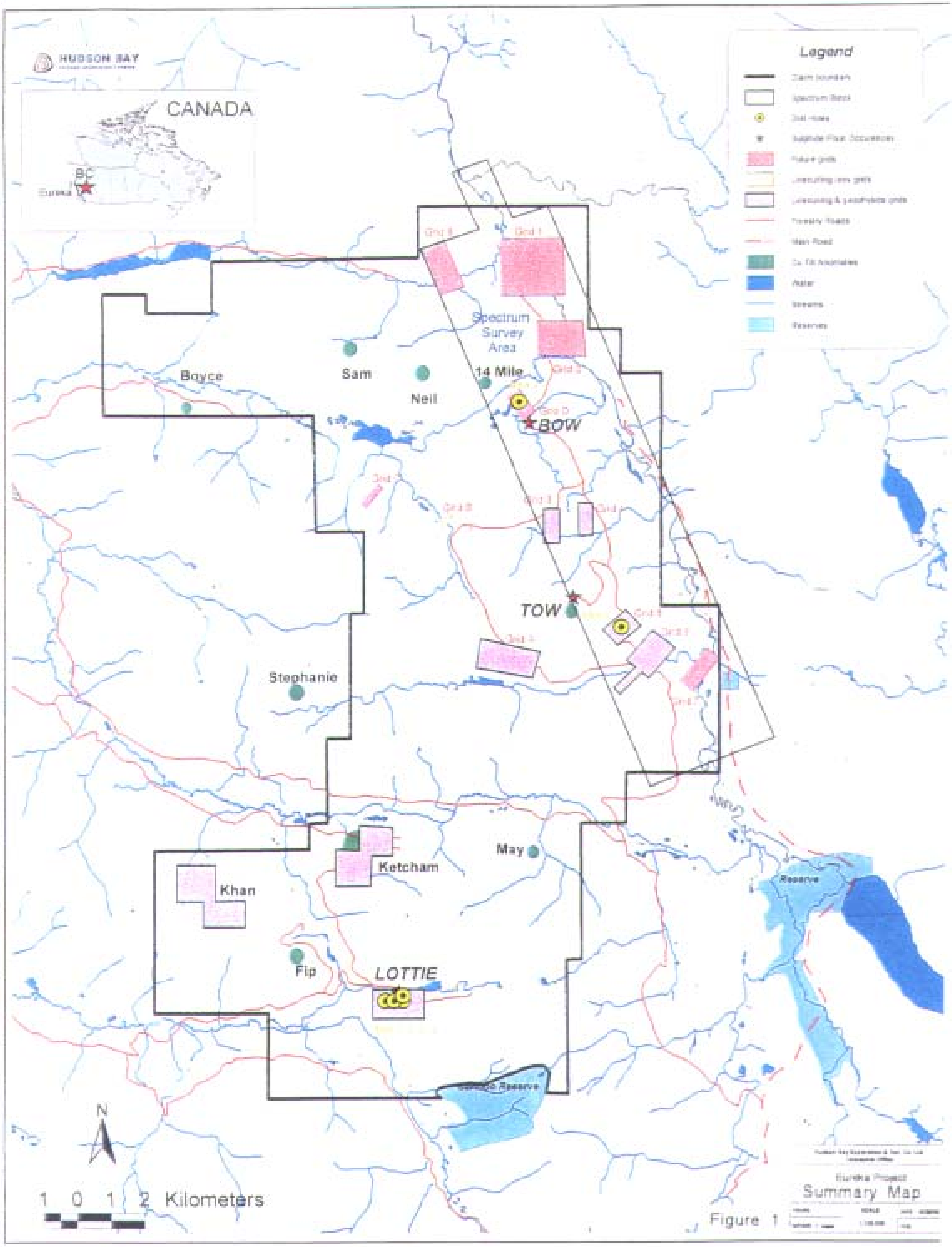
A program of geological mapping/prospecting, till, soil, stream sediment and rock geochemistry, linecutting, ground EM/magnetics and diamond drilling was carried out by Eureka Resources, Inc. on the Bow - Lottie Project from June to September, 2001. Total field expenditures on the project were $83,912.

The Bow - Lottie Project is a VMS exploration prospect in a block of Upper Paleozoic stratigraphy in the Quesnel area of central B.C. Interest in this mafic volcanic / sedimentary sequence was generated because of base metal discoveries in similar rocks in the Finlayson Lake area of Yukon in the early to mid 1990s. Martin Peter, a prospector, searched the equivalent units (Slide Mountain Terrane) from Wells north to Prince George and discovered three areas of massive sulphide float along logging roads west of the Bowron River. These occurrences, the Bow, Tow and Lottie, had copper values up to 24 %. Peter optioned his properties to Eureka Resources Inc. a Vancouver based company who subsequently carried out an airborne EM/magnetic survey and followed with ground geophysics and geochemistry. Hudson Bay Exploration and Development Co. Ltd. ("HBED") optioned the prospect from Eureka in early 2000 under a five-year option agreement with staged payments totaling $375,000 and work commitments of $5.5 million to earn a 60% interest but dropped the option in early 2001. The recent program was undertaken by Eureka Resources, Inc.

The claims are located in the Cariboo area of east central B.C. in NTS areas 093H/4, 5 and 6. The property is centered 70 km northeast of Quesnel and 25 km north of Wells. Prince George is 100 km to the northwest. The property is 26 km long and 18 km wide with the eastern flank bordering on the Bowron River. A series of east-west valleys cuts the dominant northerly trend of the claims. The property is all wooded but logging over the last 20 years has cut 75% of the timber. There is an excellent road network except for the higher elevations. The property consists of 108 contiguous claims totaling 1,140 units and covers 28,500 hectares. Upon acceptance of the assessment report for the 2001 program all claims will be in good standing until January 31, 2005 with the exception of the Lottie 1 claim which will be good to January 31, 2012.

The bulk of the property is underlain by the Antler Formation, part of the Slide Mountain Terrane. It is a structurally imbricated oceanic package primarily comprised of Mississippian to Permian pillow basalt and chert-pelite sequences that are cut by diorite, gabbro, and lesser ultramafic intrusions. Greywacke, grit, conglomerate, felsic volcanics, limestone and serpentinite are minor components. Felsic volcanics are not traditionally considered to be part of the package but are located west of the Eureka property. The package is essentially flat lying with the internal thrusts as well as NE and NW trending normal faults. Folding appears to be minor on a property scale, although in outcrop tight isoclinal folding, probably related to the thrusting, can be observed. An anomaly, in terms of bedrock geology, is the Lottie area, where sediments, particularly argillites, are much more prominent and the volcanic-sediment package dips moderately to the north. In addition to the Bow, Tow and Lottie float previously found Hudson Bay's 2000 program located copper-bearing float at Khan, Ketcham and Sam (Figure 1) and pyritic felsic volcanics south of the Boyce target.

Several types of surficial deposits are observed in the region. General observations suggest the hills and plateaus are mainly covered by a combination of till and colluvium, whereas glaciofluvial, glaciolacustrine and fluvial sediments occur in valleys. The striation record in the



HUDSON BAY
CANADA
BC
Eureka
Legend
Spectrum Survey Area
Grid 1
Boyce
Sam
Neil
14 Mile
BOW
TOW
Stephanie
Ketcham
May
Khan
Fip
LOTTIE
Reserve
N
1 0 1 2 Kilometers
Eureka Project
Summary Map
Figure 1

region is generally poor due to lack of preserved outcrop exposure. The majority of striation measurements are bi-directional, that is, they contain no information regarding direction of ice. The thick drift cover, bedrock structure and weathering nature of the bedrock all hamper the observation of striae. A cautious interpretation of ice flow events is given. Cross cutting relationships indicate that the oldest movement was topographically controlled and ice flowed from the Cariboo Mountains west and northwest to the Interior Plateau. During glacial maximum, ice flowed from the Interior Plateau, possibly behaving as an ice sheet with ice divides migrating from the thickest area of ice accumulation. Flow on the Lottie was to the northeast and was deflected to the north and northwest in the vicinity of the Bowron River as the ice sheet converged with mountain glaciers flowing from the Cariboo Mountains. During late glacial times, the ice sheet in the interior would have gradually thinned and topographically controlled ice would again affect the property. Overall, ice flow directions were highly variable and ranged from northward to southwesterly, depending on topography and ice thickness

Hudson Bay in 2000 undertook property-wide geochemical programs were using both tills and moss mats. Although numerous locations had elevated base metal geochemistry (mainly copper) for the most part they were interpreted as high background values.

The Hudbay Spectrem in-house airborne EM system flew the eastern portion of the Eureka property in June 2000. As it is a fixed wing system only the Bowron River valley could be flown. A number of electromagnetic anomalies were located and in September-October a program of four frequency (220, 880, 3520 and 7040 Hz) horizontal loop electromagnetic and magnetics was carried out over eight gridded areas. Backhoe trenching was undertaken up-ice of the Lottie float as well as on a till anomaly. In October 2000 four drill holes tested the main EM conductor near the Lottie float and found it to be caused by graphitic sediments. Two conductors from the airborne area were also tested and interpreted to be due to conductive overburden.

The 2001 field program by Eureka encompassed 3 periods of work. In June-early July a number of geochemical and airborne EM targets were investigated by prospecting/sampling, linecutting and ground EM/magnetic surveys. The geophysics was mainly carried out in the northeast corner of the property where three grids detailed airborne electromagnetic anomalies left from a 2000 survey. A single grid was also installed two km south of the Lottie copper float area. In late August additional prospecting was carried out on ground EM conductors in the South Lottie area. In September the South Lottie ground geophysical coverage was extended and two diamond drill holes tested electromagnetic conductors. The drilling revealed the conductors as graphitic horizons.

2. INTRODUCTION

The Eureka Project is a VMS exploration program in a relatively unexplored block of Upper Paleozoic stratigraphy in the Quesnel area of central B.C. Interest in this mafic volcanic / sedimentary sequence was initially generated because of base metal discoveries in the Finlayson Lake area of Yukon in the early to mid 1990s. These discoveries, Kudz Ze Kayah and Wolverine in felsic rocks of a bimodal sequence, and the Ice and Fyre Lake deposits in mafic volcanic / sedimentary setting, touched off a search for similar settings and occurrences all along the edge of the ancient North America craton from Alaska through to southern B.C.

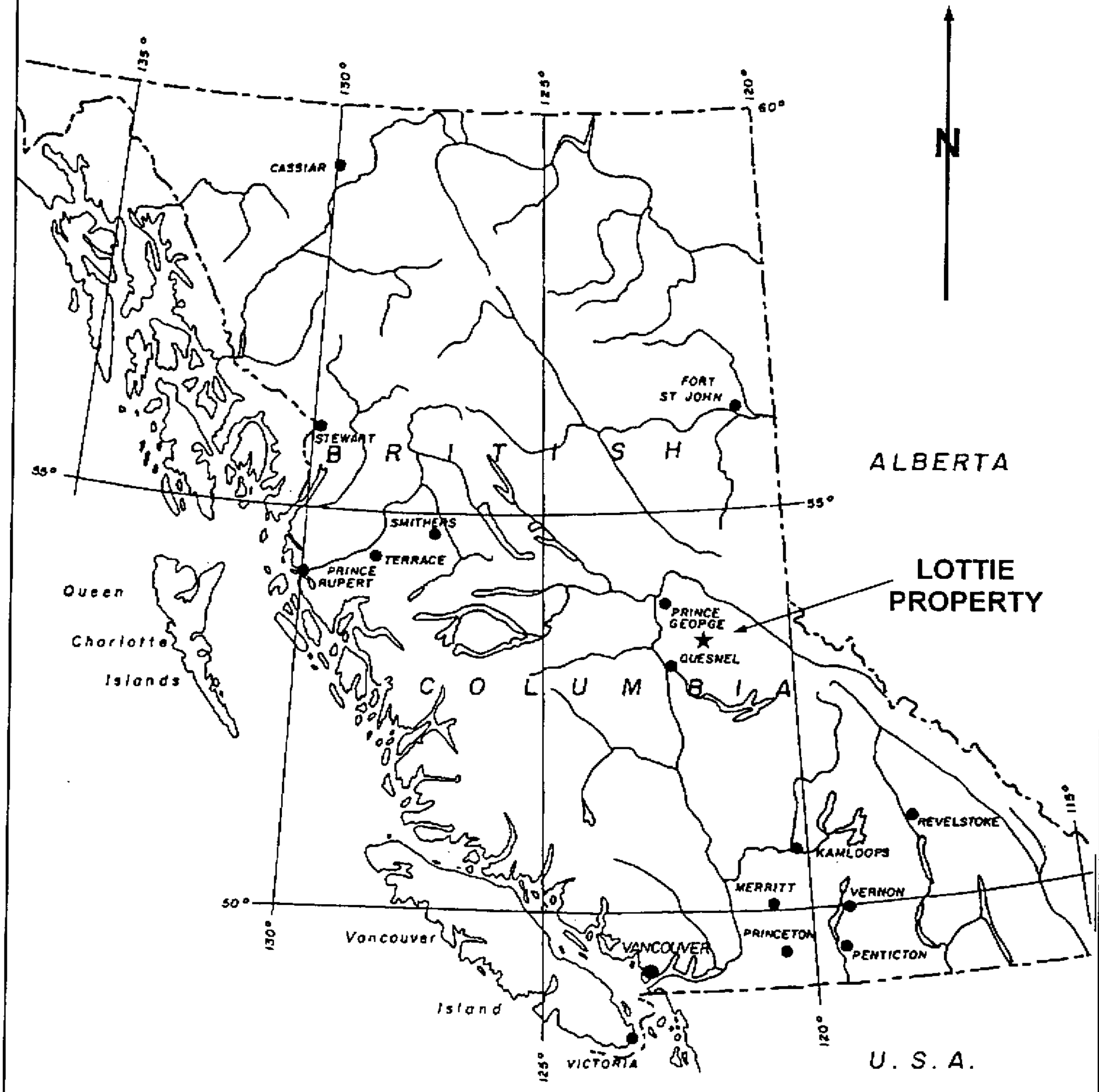
In the Quesnel – Prince George area Martin Peter, a prospector, used this exploration strategy, starting in 1993, to search in the equivalent Slide Mountain rocks from Wells north to Prince George. In 1996 Peter discovered two areas of massive sulphide float along logging roads west of the Bowron River. These occurrences, the Bow and Tow, were mainly pyritic cobbles with low copper values. In 1998 however Peter found the Lottie float, 16 km to the southwest, with values up to 24% copper. Peter optioned his properties to Eureka Resources Inc.; a Vancouver based junior company in 1997 (Bow, Tow) and 1999 (Lottie). Eureka subsequently carried out an airborne EM/magnetic survey over the two northern prospects and followed up with ground geophysics and geochemistry. On the Lottie a program of ground geophysics-geochemistry and trenching was undertaken in 1999. No source of the mineralized float was found but the prospects were upgraded and drill targets were defined.

Hudson Bay Exploration and Development Co. Ltd. ("HBED") examined the property in September 1999 and signed an option agreement with Eureka Resources, Inc. in early 2000. HBED's objectives in 2000 were two-fold: (1) to locate a bedrock source for the Bow, Tow and Lottie boulders, and (2) to explore the property as a whole for additional base metal targets. The program encompassed 5 months of fieldwork and field expenditures of $653,553 Can. Systematic till and moss mat sampling surveys covering the claims and adjoining areas were initially undertaken along with bedrock and surficial mapping and an airborne EM/mag survey. This was followed by detailed till sampling on prospective geochem targets and linecutting - ground geophysics on the airborne EM targets. The season was completed with trenching (mainly in the Lottie area) and a six hole (709 meter) diamond drill program testing the area of the Lottie float and EM conductors. No significant bedrock mineralization was encountered and HBED dropped the option in early 2001.

There were numerous geochemical and geophysical targets remaining on the property, including the main Lottie copper float, which required further work. Follow-up of these targets was the basis of Eureka's program in 2001.

3. LOCATION & ACCESS

The claims are located in the Cariboo area of east central B.C. in NTS areas 093H/4,5 and 6. The property extends from 53-12'N to 53-26'N latitude and from 121-28' to 121-43'W longitude. Trim coverage is on 093H.22, 23, 32, 33, 42 and 43. UTM grid coordinates are 584,700 to 602,500E and 5,896,000 to 5,922,000N in Zone 10. The claims are located in the Cariboo Mining Division



HUDSON BAY EXPLORATION & DEVELOP

LOCATION MAP

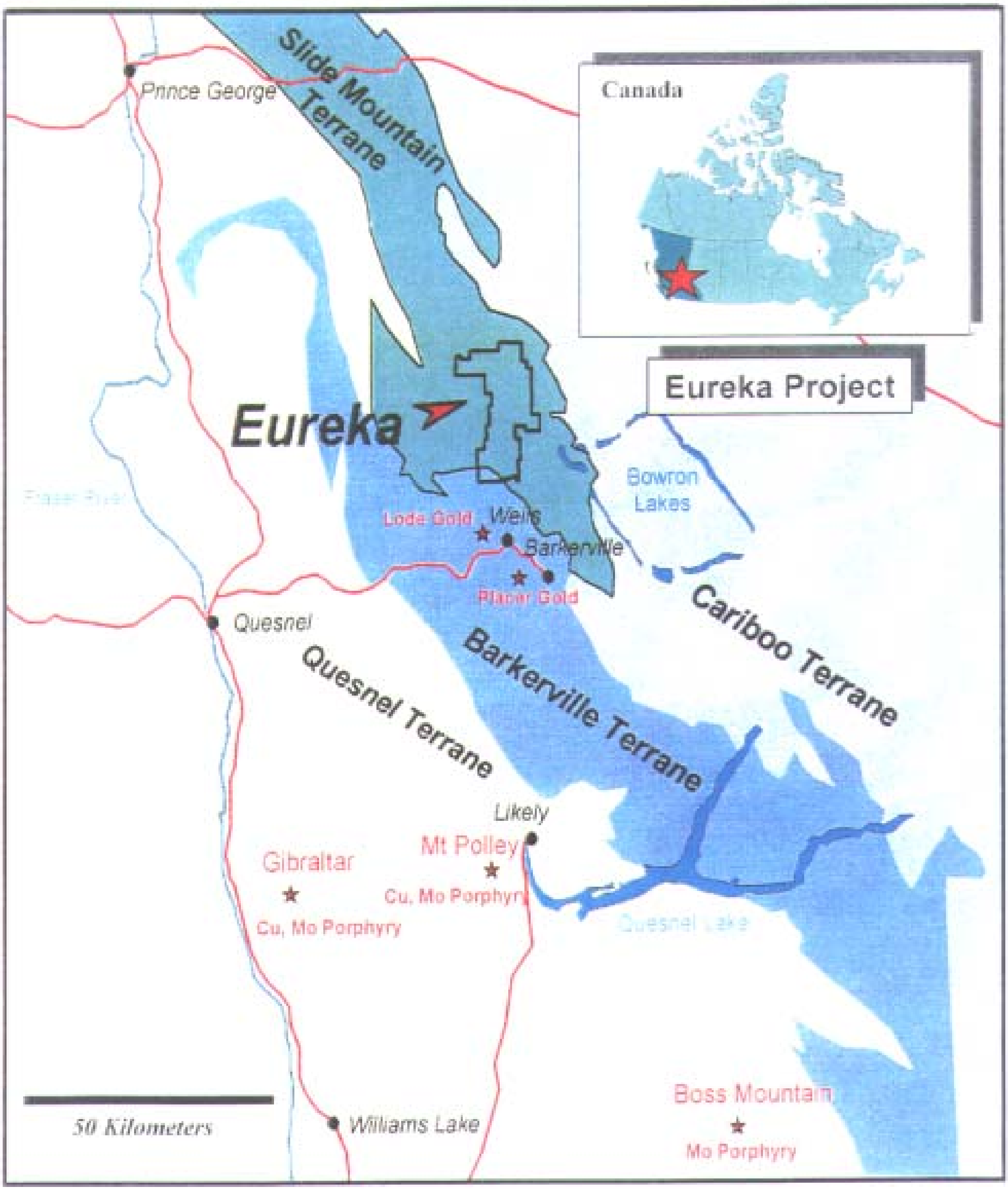
EUREKA PROPERTY

Cariboo Mining Division, B.C.

Scale: 1:2,500,000 | Figure: 2

HUDSON BAY
An Anglo American plc Company

Figure 3



The property is centered 70 km northeast of Quesnel and 25 km north of Wells. Prince George is 100 km to the northwest. There is excellent access into the general area. The paved highway #26 services Wells from Quesnel, a distance of 73 km. Wells has a population of 300 and provides the basic services, e.g. fuel, accommodation, but most supplies are obtained from Quesnel. Daily airline, bus and trucking are available from both Quesnel and Prince George. The main B.C. Rail line passes 55 km west of the property along the main transportation corridor between Quesnel and Prince George.

The property is 26 km long and 18 km wide trending north south along a core of high rounded hills (Figure 4). Extending to the southeast this trend is even more prominent with Two Sisters Mountain, Slide Mountain and Mount Murray. Physiographically the property is situated on the eastern edge of the Interior Plateau with the Cariboo Mountains to the east. The eastern boundary of the property lies along the Bowron River, which drains northerly from the Bowron Lake Provincial Park. A series of east-west valleys cuts the dominant northerly trend of the property. From north to south they are Slender Lake-18 Mile Creek, Boyce-14 Mile Creeks, Towkuh Creek, Ketcham Creek and Lottie Lake-Westpass Creek. Drainage from these valleys is easterly into the Bowron and westerly into the Willow River system. Topographical relief varies from 884 m along the Bowron River to 2104 m on Two Sisters Mtn, but is more commonly between 1050 and 1400 meters.

The property is all wooded (spruce, pine, balsam, cedar with areas of aspen, poplar) except for Two Sisters peak. Logging over the last 20 years has cut 75% of the timber. In general the northern and eastern areas were logged in the 1980's. The western and southern portions are more recently logged by West Fraser Timber, continuing to the present. Logging company maps show more cutting is planned, particularly at higher elevations. All areas recently logged have been replanted. Older cuts have regenerated naturally.

An excellent road network covers the property except for the higher elevations. A main haul road (2300) enters from the southeast, off the Bowron Lake road, and provides access to the eastern claims. The western portion is reached from main haul road #24, which leaves the paved highway 23 km west of Wells. A series of secondary roads (24A, 24K, etc) access the west side of the property along the east-west drainages. For the most part the roads have a good road base of glacial till and are in good condition. Many of the older little used roads have overgrown with alder but could be rehabilitated easily. The northern third of the property lies within the Prince George Forest District, the remainder in the Quesnel District. The ministry generally wishes to restrict access from one district to another. Consequently, although there is a good road network in the northern area, it is difficult to access from Wells. Most of the past field season ATVs were used on a rough connector trail north of Towkuh Lake. In 2000 HBED was permitted to re-open an old road connecting the forest districts, which then allowed regular truck access in the north. The Ministry of Forests and logging companies are beginning to decommission roads no longer in use. Roads are bermed, ditched, water barred and/or bridges removed to prevent access, or at least reduce their use to ATVs. The decommissioning is undertaken to protect the environment, i.e. fish habitat, wildlife, etc. but there is also a liability issue with deteriorating roads. If roads wash out or bridges become dangerous action is taken to prevent access.

4. PREVIOUS INVESTIGATIONS

Government geological mapping in the project area dates back to the early 1950's when Sutherland Brown of the B.C. Survey included the southern portion of the claims (Two Sisters Mountain area) in his 1 inch = 1/2 mile mapping of the Wells-Barkerville gold camp. This work was published as the Geology of the Antler Creek Area, B.C. Dept. of Mines Bulletin 38 in 1957. Sutherland Brown also published an adjoining map sheet to the east (B.C. Dept. of Mines Bulletin 47, Geology of the Cariboo River Area) in 1963. Regional 1 inch = 4 mile mapping, encompassing the Antler Formation from Wells to Prince George, was undertaken by R. B. Campbell of the Geological Survey of Canada in the period 1966 to 1968. This work was released as Geol. Surv. Can. Paper 72-35, Geology of the McBride Map-area, British Columbia. The most recent mapping was done by L.C. Struik of the G.S.C. Struik undertook a structural study in the Cariboo Gold mining district, published as Memoir 421 in 1988. This work just clips the southern portion of the Eureka claim area, covering Lottie Lake and Two Sisters Mountain.

In 2000 the B.C. Geological Survey began a till sampling program in the Bowron and Willow River area north of Wells, B.C. This work, directed by Dr. P.T. Bobrowsky of the B.C.G.S.B., collected approximately 350 tills in the north half of NTS 093H/04 and the south half of 093H/05 (density of 1 sample per 2-3km2). The Eureka property is located in the eastern portion of this area and the tills covers all but the most northern claims. The results of the survey were released in April 2001. The till coverage by HBED on the property was much more detailed than the government survey and the BCGS results provided little new information on the claims. However a copper till anomaly off the southwest corner of the property was followed up by Eureka in 2001 (see Work Performed).

The Slide Mountain Terrane (Antler Formation) between Wells and Prince George has received little mineral exploration. Up to 1970 activity in the Slide Mountain rocks was mainly limited to spill over from the Barkerville placer gold camp 20 km to the south of the Eureka property. The only other mining activity of significance in the general area was the development of the Bowron River coal resource 50 km to the northwest. Many of the creeks in the southern portion of the property have been explored for placer gold potential, as evidenced by old placer claims in the area along with disturbed creeks and remnant equipment. Presently placer claims are held on Lottie Creek and the headwaters of Stephanie and Ketcham Creeks. Both were sporadically active in 2000. Doug Ecker from Quesnel operates the Lottie Creek placer. This is a small family operation, which has been active for at least two years. Indications are minor placer gold is being recovered on a small tributary south of Lottie Creek, 1 km west of the Lottie float. It is suspected that a small lens of pre-Tertiary gravels may underlie the area and be the source of the placer gold. A second placer operation is located at the top of Stephanie Creek and 1 km west of the property boundary. It was intermittently active in 2000 and is also a small operation.

Assessment files indicate that Noranda Exploration carried out the first base metal work in Slide Mountain package between Wells and Prince George. In 1968 they staked anomalous copper stream sediment samples along the main highway 35 km east of Prince George (Loon Claims). Over the next two years geochemical and geophysical surveys were carried out but there is no record of any drilling. The area was re-staked in 1979 by Vestor Explorations and Comaplex Res. as the Nook Claims. Vestor had discovered the Chu Chua deposit two years earlier in similar rocks near Barriere 300 km to the south and through that summer Comaplex-Vestor undertook a recce geochemical survey in the Slide Mountain rocks from Highway 16 down to Wells, staking a number of base metal silt anomalies. A deal was then brokered with CCH Resources who carried out airborne EM/mag on four of the geochem targets in 1980. One of the targets was on ground now part of the Eureka property, it being on the south side of Ketcham Creek and just east of the HBED Ketcham till anomaly. A second target was just outside the Eureka holdings on the southwest side of Slender Lake. Neither of these two surveys had what was considered to be "suitable conductive responses" and no further work was undertaken. The two other targets flown by CCH were in the northern part of the Slide Mountain terrane, the Purden Mountain area (also "not suitable"), and the Nook prospect. Vestor-Comaplex continued to work the Nook property until 1985 and carried out two drill programs before abandoning the claims. Shell Canada in 1978 and BP Resources in 1983 also explored in the same general vicinity. More recently, in 1996, HBED staked the Mary Claims just to the east of the Nook occurrence and undertook minor geochemistry but nothing further was done.

The first recorded bedrock work in the Eureka area was the Antler claims staked by Esso Minerals in 19881 on the basis of rusty subcrop that assayed 0.36 oz./t Au across 1.1meters. This prospect is 3.5 km northeast of Towkuh Lake. Esso's work is located as the Antler grid on the HBED maps. Soil geochem, mapping and trenching was carried out. Sporadic gold values are associated with two arsenic anomalies along northwest trending fractures. No further work was undertaken.

In 1983 bedrock claims were staked on Sugar Creek, 8 km west of the Lottie float, because of sulphide boulders found during placer mining. No assays are given for the boulders. Noranda carried out test work with EM, magnetic and IP surveys. Two IP anomalies were noted on the creek but there is no record of them being followed up. In the same year Gordon Gunson staked the Neewa Claims 0.5 km west of Westpass Lake to follow up unidentified sulphides in bedrock. Two small soil geochem surveys were carried out which gave some elevated gold, silver and copper values but no further work is recorded.

Government records suggest that BP Resources flew an airborne EM survey in the northern portion of the Eureka area in 1983, at the same time they were active around the Nook prospect, further to the north. Two blocks of claims were staked, one south and east of Slender Lake and one on the southeast side of Stoney Lake. Of particular interest was the Slender block. Reconnaissance geophysics and geochem defined conductors on the ground and mapping outlined a northwest trending belt of rhyolitic – intermediate volcanics flanked by mafic volcanics. A number of trenches were excavated to explain the conductors but only three reached bedrock. They were found to be caused by graphitic argillite. No further BP work was recorded for assessment but DES Exploration restaked the ground in 1990 on the basis of an unreported BP drill hole, which apparently intersected 24 meters of "low grade VMS style mineralization". The collar of the hole is not known but the most likely location is 4 km north of 14 Mile Lake on a conductor trending WNW along a contact between quartz feldspar porphyritic rhyolite and argillite. DES Expl. carried out geochemical surveys in 1990 and a terrain study in 1992 around several of the BP targets but was unable to fund any drilling.

An incentive for exploration in the Wells - Prince George area was the release of government regional geochemical stream sediment survey (RGS) data in 1985 and 1986. The release, at a sample density of 1 sample per 13 km2, was sporadically anomalous in copper, zinc, nickel, barium, cadium and mercury, prompting follow up by a number of companies. Assessment files and minfile records indicate that Noranda Exploration, Shell Canada and several individuals conducted work following the release.

Noranda Exploration acquired ground east of the Bowron River. Massive pyritic boulders north of Bowron Lake Park prompted staking of the CR claims and an airborne EM/mag survey was flown in 1986. It covered a 20 km long NW trend on the east side of the Bowron River and straight east of the present Eureka claims. According to the assessment files follow up work through 1989 concentrated mainly on gold geochemical targets. No drilling is mentioned in the government records.

The present phase of exploration began in 1993. Martin Peter prospected the Prince George-Wells area because of its similarity to rocks in the Finlayson Lake area of central Yukon where

VMS deposits were being discovered. The Yukon deposits are base metal massive sulphides in three distinct settings within the Yukon-Tanana Terrane and Campbell Range Belt (Slide Mtn equivalent). Peter's prospecting in 1993 located minor copper bearing float in the Westpass Lake area but he didn't return to the area until 1996. In August 1996 he located the Bow massive sulphide float. The Bow float is located 4 km east of Slender Lake, in an area about 300 meters by 150 meters. The float is mainly fist-sized or smaller ferricrete boulders within glaciofluvial gravels, not till, and is underlain by mafic volcanics of the Antler Formation. Some samples of the thinly bedded massive sulphide did assay up to 3.1 % Cu (and 0.25 gpt Au) but were more normally much lower grade. In late 1996 and 1997 Peter carried out mag and soil surveys in the vicinity but no source was found. The second float location, the Tow, was found in 1997, approximately 5 km to the south of Bow. Here only minor float was found but the copper grade was up to 6.96% along with 4.72 gpt Au. Peter carried out some grid soils and trenching but no source of the float was found. Eureka Resources optioned the Bow-Tow area from Peter in 1997. In 1998 the company conducted an airborne EM/mag survey over the claims and followed up with ground geophysics and geochemistry. Numerous conductors were outlined, some with coincident soil anomalies, and drilling was recommended but no further work was carried out.

The Lottie VMS float was found by M. Peter in July 1998 while following up the Westpass mineralization he had found in 1993. It was discovered in a roadside ditch 800 meters southwest of Lottie Lake. The float consisted of a small angular block of chalcopyrite rich massive sulphide and several larger blocks of mineralized chert and/or silicified volcanic rock. The sulphide boulder ran 24.3% Cu and 19.6 gpt Ag. Eureka Res. also acquired the Lottie from Peter, in early 1999, and conducted soil and till geochemistry, ground EM/mag and backhoe trenching in the general area of the float. The test pitting revealed many more angular blocks of chalcopyrite rich massive sulphide but its source was not found. Several samples of this material averages 8.7% copper, 87 ppm zinc, 145 ppm lead with 145 ppb gold and 9.59 gpt silver.

Hudson Bay's activities in 2000 were described earlier in the report.

5. PROPERTY STATUS

The Eureka property consists of 108 claims totaling 1,140 units in one contiguous group covering 28,500 hectares (285.0 km2) as shown on Fig. 4. The property is 26 km long and up to 16 km wide trending in a northwesterly direction to the west of the Bowron River. All claims are located in the Cariboo Mining Division and held in the name of Eureka Resources Inc. The bulk of the claims expire on January 31, 2005 except for the LOT 15-19 block (due June 2002) and the Lottie 1 claim due January 2012. All claims (except LOT 14-19) have been common dated to January 31st. See accompanying Table 1 for details on individual claims.

During the 2000 field season five blocks of claims were added to the pre-existing package, as follows: (1) in late April eight claims totaling 60 units were added to the east central area to cover the up-ice (southeast) potential of the Tow float, (2) in early July four claims totaling 68 units were added to the northeast to cover Spectrem anomalies located along the Bowron River valley, (3) two claims totaling 32 units were added in early August in the southeast corner to fill in a exposed area, and (4) two blocks totaling 11 claims (54 units) were added to the southwest in late August to cover anomalous tills in the Westpass Lake area.. In 2001 the LOT 15-19 claims were added on the east flank of Two Sisters Mountain to cover a BCGS copper till anomaly.

The staking rush precipitated by International Wayside's exploration at Wells has resulted in mineral claim staking up to the southern boundary of the Eureka property. All of this activity

LAND STATUS

29-Apr-02

Project: **Bow - Lottie Project** NTS: 093H04E, 5E, 6W

Mining Division: Cariboo
Province: British Columbia

Claim Name	Tenure No.	Tag No.	Date Staked	Units	Hectares	Expiry	Notes
BOW 1	350849	81120	17-Sep-96	20	500	January 31, 2005	
RON 1	350850	627413M	15-Sep-96	1	25	January 31, 2005	
RON 2	350851	627414M	15-Sep-96	1	25	January 31, 2005	
RON 3	350852	627415M	15-Sep-96	1	25	January 31, 2005	
RON 4	351101	627416M	17-Sep-96	1	25	January 31, 2005	
BOW 2	360136	215106	23-Oct-97	20	500	January 31, 2005	
BOW 3	360137	215107	23-Oct-97	20	500	January 31, 2005	
BOW 4	360138	215108	24-Oct-97	20	500	January 31, 2005	
BOW 5	360139	215109	24-Oct-97	20	500	January 31, 2005	
BOW 6	360140	215110	25-Oct-97	20	500	January 31, 2005	
BOW 7	360141	215111	25-Oct-97	20	500	January 31, 2005	
BOW 8	360142	215112	25-Oct-97	8	200	January 31, 2005	
KAREN 1	360283	667905M	1-Nov-97	1	25	January 31, 2005	
KAREN 2	360284	667906M	1-Nov-97	1	25	January 31, 2005	
KAREN 3	360285	667907M	1-Nov-97	1	25	January 31, 2005	
KAREN 4	360286	667908M	1-Nov-97	1	25	January 31, 2005	
KAREN 5	360287	667909M	1-Nov-97	1	25	January 31, 2005	
KAREN 6	360288	667910M	1-Nov-97	1	25	January 31, 2005	
KAREN 7	360289	667911M	1-Nov-97	1	25	January 31, 2005	
KAREN 8	360290	667912M	1-Nov-97	1	25	January 31, 2005	
BOW 9	362313	236392	30-Apr-98	18	450	January 31, 2005	
BOW 10	362314	236393	30-Apr-98	12	300	January 31, 2005	
NORTH 1	362315	676061M	30-Apr-98	1	25	January 31, 2005	
NORTH 2	362316	676062M	30-Apr-98	1	25	January 31, 2005	
NORTH 3	362317	676063M	30-Apr-98	1	25	January 31, 2005	
NORTH 4	362318	676064M	30-Apr-98	1	25	January 31, 2005	
ALPHA 1	362948	208578	24-May-98	18	450	January 31, 2005	
ALPHA 2	362949	208579	24-May-98	18	450	January 31, 2005	
ALPHA 3	362950	208580	22-May-98	18	450	January 31, 2005	
ALPHA 4	362951	208581	23-May-98	20	500	January 31, 2005	
ALPHA 5	362952	208582	22-May-98	18	450	January 31, 2005	
ALPHA 6	362953	208583	22-May-98	8	200	January 31, 2005	
BRAVO 1	362954	208584	25-May-98	18	450	January 31, 2005	
BRAVO 2	362955	208585	25-May-98	18	450	January 31, 2005	
BRAVO 3	362956	208586	24-May-98	18	450	January 31, 2005	
BRAVO 4	362957	208587	24-May-98	18	450	January 31, 2005	
BRAVO 5	362958	208588	24-May-98	18	450	January 31, 2005	
BRAVO 6	362959	208589	24-May-98	18	450	January 31, 2005	
CHARLIE 1	362960	208590	25-May-98	20	500	January 31, 2005	
CHARLIE 2	362961	208591	25-May-98	20	500	January 31, 2005	
CHARLIE 3	362962	208592	24-May-98	20	500	January 31, 2005	
CHARLIE 4	362963	208593	23-May-98	20	500	January 31, 2005	
CHARLIE 5	362964	208594	22-May-98	20	500	January 31, 2005	
BOWRON 1	363528	640645M	18-Jun-98	1	25	January 31, 2005	
BOWRON 2	363529	640646M	18-Jun-98	1	25	January 31, 2005	
BOWRON 3	363530	640647M	18-Jun-98	1	25	January 31, 2005	
BOWRON 4	363531	640648M	18-Jun-98	1	25	January 31, 2005	
BOW 11	364208	208595	15-Jul-98	12	300	January 31, 2005	
NORTH 5	364209	677019M	15-Jul-98	1	25	January 31, 2005	
NORTH 6	364210	677020M	15-Jul-98	1	25	January 31, 2005	
NORTH 7	364211	670221M	15-Jul-98	1	25	January 31, 2005	
NORTH 8	364212	676060M	15-Jul-98	1	25	January 31, 2005	
LOTTIE 1	365443	81119	10-Sep-98	20	500	January 31, 2012	expiry date pending accept. of assess.
LOTTIE 2	370289	236627	6-Jul-99	20	500	January 31, 2005	
LOTTIE 3	370290	236628	6-Jul-99	12	300	January 31, 2005	

Table #1

LAND STATUS

29-Apr-02

Project: **Bow - Lottie Project** NTS: 093H04E, 5E, 6W

Mining Division: Cariboo
Province: British Columbia

Claim Name	Tenure No.	Tag No.	Date Staked	Units	Hectares	Expiry	Notes
LOTTIE 4	370291	106843	6-Jul-99	4	100	January 31, 2005	
LOT 1	373524	203381	12-Nov-99	20	500	January 31, 2005	
LOT 2	373525	203382	12-Nov-99	20	500	January 31, 2005	
LOT 3	373526	203383	11-Nov-99	20	500	January 31, 2005	
LOT 4	373546	203384	11-Nov-99	20	500	January 31, 2005	
LOT 5	373547	203385	15-Nov-99	16	400	January 31, 2005	
LOT 6	373548	203386	13-Nov-99	16	400	January 31, 2005	
LOT 7	373549	203387	14-Nov-99	20	500	January 31, 2005	
LOT 8	373550	203388	14-Nov-99	20	500	January 31, 2005	
LOT 9	373551	203389	12-Nov-99	20	500	January 31, 2005	
LOT 10	373552	203390	13-Nov-99	20	500	January 31, 2005	
LOT 11	373553	203391	16-Nov-99	20	500	January 31, 2005	
LOT 12	373554	203392	16-Nov-99	20	500	January 31, 2005	
LOT 13	373555	203393	16-Nov-99	20	500	January 31, 2005	
LOT 14	373556	203394	15-Nov-99	20	500	January 31, 2005	
BOW 12	374715	691659M	1-Mar-00	1	25	January 31, 2005	
BOW 13	374716	203396	1-Mar-00	12	300	January 31, 2005	
BOW 14	374717	203397	1-Mar-00	20	500	January 31, 2005	
BOW 15	374718	203398	28-Feb-00	20	500	January 31, 2005	
BOW 16	374719	203399	27-Feb-00	20	500	January 31, 2005	
BOW 17	374720	692757M	1-Mar-00	1	25	January 31, 2005	
BOW 18	374721	692758M	1-Mar-00	1	25	January 31, 2005	
BOW 19	374722	692759M	1-Mar-00	1	25	January 31, 2005	
BOW 21	376197	697286M	26-Apr-00	1	25	January 31, 2005	
BOW 22	376198	697288M	26-Apr-00	1	25	January 31, 2005	
BOW 23	376199	697283M	26-Apr-00	1	25	January 31, 2005	
BOW 24	376200	697285M	26-Apr-00	1	25	January 31, 2005	
BOW 25	376201	231934	27-Apr-00	10	250	January 31, 2005	
BOW 20	376202	203395	26-Apr-00	20	500	January 31, 2005	
BOW 26	376826	697289M	27-Apr-00	1	25	January 31, 2005	
BOW 27	376827	697290M	27-Apr-00	1	25	January 31, 2005	
BRAVO 7	378951	237933	06-Jul-00	18	450	January 31, 2005	
BRAVO 8	378952	237934	07-Jul-00	12	300	January 31, 2005	
BRAVO 9	378953	237935	06-Jul-00	20	500	January 31, 2005	
BRAVO 10	378954	237936	07-Jul-00	18	450	January 31, 2005	
BRAVO 12	380048	237948	18-Aug-00	12	300	January 31, 2005	
BRAVO 11	380049	237949	18-Aug-00	20	500	January 31, 2005	
LOTT 1	380263	236769	25-Aug-00	20	500	January 31, 2005	
LOTT 3	380284	237947	25-Aug-00	6	150	January 31, 2005	
LOTT 2	380285	236770	24-Aug-00	20	500	January 31, 2005	
LOTT A	380286	700099M	24-Aug-00	1	25	January 31, 2005	
LOTT B	380287	700100M	24-Aug-00	1	25	January 31, 2005	
LOTT C	380288	700101M	24-Aug-00	1	25	January 31, 2005	
LOTT D	380289	700102M	24-Aug-00	1	25	January 31, 2005	
LOTT E	380290	700103M	24-Aug-00	1	25	January 31, 2005	
LOTT F	380291	700104M	24-Aug-00	1	25	January 31, 2005	
LOTT G	380292	700105M	24-Aug-00	1	25	January 31, 2005	
LOTT H	380293	700106M	24-Aug-00	1	25	January 31, 2005	
LOT 16	387492	701816M	8-Jun-01	1	25	June 8,2002	
LOT 17	387493	701817M	8-Jun-01	1	25	June 8,2002	
LOT 18	387494	701818M	8-Jun-01	1	25	June 8,2002	
LOT 19	387495	701819M	8-Jun-01	1	25	June 8,2002	
LOT 15	387496	240370	9-Jun-01	20	500	June 9,2002	
TOTAL	**108**			**1140**	**28,500**		

seems directed at gold potential in Barkerville rocks. There was no sign of any other exploration being done in our general area other than the claim staking itself. Two small blocks of two-post claims were also staked along the west boundary of the property south of Ketcham Creek in 2000. It is believed that these blocks are held by the placer miners in the area.

In general environmental concerns on the property are minimal. Logging in the area dates back to the 70s and continues to the present. Approximately 80% of the claimed area is clear-cut; the remaining timber is at higher elevations. The northern portion was logged first and much of it was left to reseed naturally. The southern area was more recently logged, some in the last year, and has been replanted.

6. WORK PERFORMED

The 2001 field program was carried out on the Bow-Lottie property in multiple stages. In June-early July geological prospecting, linecutting and ground geophysical surveys were carried out property-wide on various targets left over from the 2000 program. This was followed by a short program of prospecting in the vicinity EM ground conductors on the South Lottie grid in late August. In late September additional linecutting and ground EM-magnetics surveys extended the South Lottie grid coverage and was immediately followed by two drill holes on EM conductors

6.1 June-July Program

A field program was carried out on the Bow-Lottie property from June 14 to July 1, 2001. Work consisted of claim staking, geological prospecting and sampling, linecutting and ground EM/magnetic surveys. The work was undertaken on a number of targets identified by Hudson Bay Exploration in 2000. The claim staking and linecutting was carried out by Sabre Explorations, the geophysics by SJ Geophysics of Delta, BC and the prospecting and sampling by G. Bidwell and W. Gruenwald, both operating as contractors for Eureka Resources, Inc.

Prior work in the **Main Lottie area** had concentrated in the Lottie clearcut itself and culminated in Hudson Bay's four (4) drill holes in the general area of the Lottie copper-rich float. Three of the holes tested an EM conductor south of the main Lottie trench and the fourth hole was drilled under the trench itself. No source of the copper-rich float was found but the geochemistry from the drilling as well as a surface sample along the conductive horizon indicated anomalous manganese (~13,000 ppm Mn) in two samples. Consequently in 2001 an additional 12 samples were collected on exposures along the placer road (Fig.4) and 63 samples (~ 1 metre width) were taken from the 2000 drill core (Figs.13a,b,c). If a manganese-rich horizon is suggested it could be a distal expression of an exhalite horizon associated with the copper rich massive sulphide. Additional geophysics was also undertaken along the eastern portion of the conductive unit. Prior work had concentrated directly upslope of the main trench and off to the west as in this area the conductor was well defined along one horizon. No drilling took place to the east where the EM survey indicated multiple conductors and a more complicated picture. Two lines in this area (4E and 8E) were re-surveyed with EM using a 50 metre cable length to detail the multiple conductors. Prospecting along the logging road in the area also revealed additional samples of sediments with minor chalcopyrite, indicating perhaps a stockwork zone in sediments underlying massive sulphides (Fig.6). This would make any EM conductors in the eastern portion of the clearcut prospective drill targets.

Recon EM surveying in 2000 also revealed a conductive trend 1.5 km south of the main Lottie trench at the edge of the **South Lottie** clearcut. The grid was extended into this clearcut and 5 lines were surveyed to define the new anomaly. A northwest trending conductor is indicated. Regional geological mapping locates a major thrust (Pundata Thrust) in this area and it may be the source of the EM conductor. Some mapping and till-rock sampling was also carried out in the clearcut (Fig. 7).

Prospecting was done in the **Stewart Creek area**, west of Big Valley Creek and 4 km south of the Lottie float (Fig.4). Work by HBED in 2000 had 320 ppm Cu in tills from this area. The original till site was re-sampled and additional tills collected from the vicinity. In general the coarse rock fragments in the samples indicate the material came from Barkerville Terrane units and not the Slide Mountain Terrane which is the apparent source of the Lottie mineralized float. Additional silt samples were also collected from tributaries of Big Valley Creek to the west of the Lottie clearcut.

Sampling by Hudbay in 2000 indicated elevated geochemistry, particularly in copper, cobalt, selenium and arsenic, on the north side of **Two Sisters Mountain** (Fig. 4). This area is also only a few km from the Lottie clearcut so it could be a possible source of the Lottie float. A traverse was undertaken into the area with tills, stream sediments and rock samples collected. Of particular interest was a drainage directly north of Two Sisters peak. Altered felsic volcanics were found as float with up to 60% pyrite and specks of native copper. Mapping to the west also located a significant amount of fine clastic rocks (argillite and shales) which is similar to bedrock in the Lottie area.

A second area of interest is on the east side of Two Sisters Mountain (Fig. 4). The BCGS till program in 2000 had their highest copper result (328 ppm) from a till about 1.5 km up the Two Sisters Road. As this data became public in April 2001 twenty four claim units were added on the southeast side of the property to cover the anomaly. Prospecting in the area revealed two pits which could have been the site of the government till. HBED also sampled in this area. Unfortunately there were no longer flags at the sites to indicate the sampler. Both sites were re-sampled. Altered bedrock was noted at one of the pits. Prospecting, along with silt and till sampling was undertaken.

In 2000 Hudbay carried out an airborne EM-magnetic survey along the **Bowron River Valley**. Interpretation of the results recommended eight ground grids on airborne targets. Four of the grids (#3, 4, 5, 6) were installed in 2000 and geophysics undertaken. These grids were selected on the basis of their proximity to the possible up-ice sources of the Bow and Tow float. Ground EM indicated the conductors were flat lying features and quite possibly overburden related. Only one hole was drilled at the time and it was terminated in deep overburden, concluding it had a surficial source. As part of the June 2001 program three of the remaining airborne targets were gridded and ground geophysics undertaken. Of particular interest was grid #1 which had a coincident airborne EM-magnetic feature. Regular 100 metre spaced lines were installed on this anomaly. The other two grids (#2 & 8) had more of a reconnassive survey with 200 metre spaced lines. Early indications were that at least some of the conductors on the ground surveys are NNW trending and dipping to the west. As the grid orientation is similar to this direction the conductors may have been crossed at a shallow angle. To check for this possibility the base lines were also surveyed with the Max-Min EM equipment.

Prospecting was also carried out on grids 3, 4 and 6. This was to check out the ground conductors obtained by HBED in 2000. No outcrop was located in the area of the EM anomalies but stream sediment samples were collected from drainages in the area.

Two of the Hudbay geochemical till and/or silt anomalies were recommended for further study. In the **Stephanie Creek** area a small drainage 3 km west of the property boundary gave a 1400 ppm copper silt anomaly. Further sampling confirmed the stream sediment result but no obvious source was found. The area was prospected in June. A new logging road has been put in just east of the drainage and revealed bedrock not seen previously. It is now interpreted that a gabbro/sediment contact runs along the creek. As it is a small drainage (0.3km) even a minor amount of copper in the gabbro, which is not uncommon, could give the high copper result. There is enough exposure of both the sediment and gabbro that if a significant occurrence was present it should have given some indication by alteration or sulphides. A number of samples were collected along the new logging road and the creek itself.

The **Boyce anomaly** is located in the northwest corner of the property, 5 km south of Slender Lake. Both tills and silts on the south side of Boyce Creek were anomalous in copper with up to 174 ppm in silts and 170 ppm in till. This area was also recognized by BP Resources in 1985 but there is no record of BP work beyond some recon geophysics and geochemistry. Prospecting in June along the existing logging roads and further upslope located a variety of volcanics and sediments including a lot of hematite veined float. Copper was found as malachite and trace bornite in one area. A number of silts, rocks and tills were collected.

6.2 August Program

With the receipt of the geochemical and geophysical results from June-July the **South Lottie** EM target was significantly enhanced. In late August a small program of prospecting and sampling was carried out in the vicinity of the HLEM conductor, particularly "down-ice" and along the eastern extension where bedrock is exposed. Most of the bedrock encountered east of the grid is basaltic volcanics along the ridges to Two Sisters Mountain whereas phyllites and cherts are outcrop on the northeast corner of the grid. A number of soils and tills were collected down-ice of the conductor and its northwestern extension.

6.3 September Program

In September additional linecutting and EM-mag was carried out on the **South Lottie** grid to better define the conductive horizon. This was followed late in the month by two drill holes (totaling 128.65 metres) testing two separate conductors. Graphitic units were intersected in both holes explaining the anomalies and work was terminated.

Field expenditures for the 2001 program were $83,912. Individual work types and their costs are summarized on the following page.

7. REGIONAL GEOLOGY

The Eureka property is located in the Cariboo region of east-central British Columbia. The Cariboo region is underlain by four fault-bounded geological terranes or subterranes: Quesnel, *Barkerville, Slide Mountain and Cariboo (Figs. 3, 5) Furthest east is the Cariboo Terrane, a* displaced segment of the North American continental margin. It consists of Precambrian to Permo-Triassic clastic and lesser carbonate rocks. The Barkerville Subterrane is part of the pericratonic Kootenay Terrane that was probably deposited along the western margin of ancestral North America. It is dominated by Precambrian and Paleozoic grit, quartzite, pelite and less limestone and volcaniclastic rocks. The westerly directed Pleasant Valley thrust separates the

Table 2. BOW - LOTTIE Program (2001)

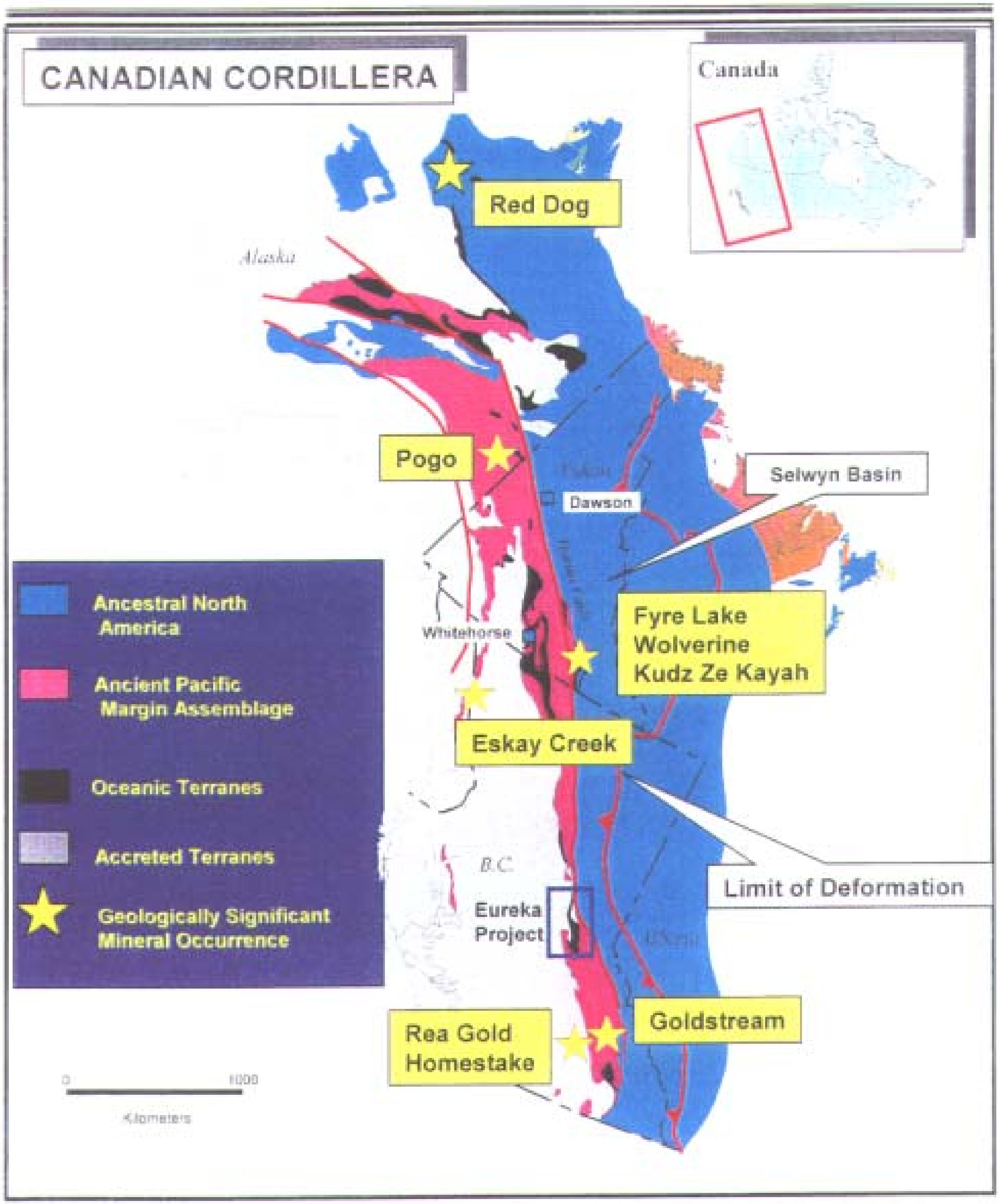
	Geology	Geochemistry	Geophysics	Drilling	Food & Accom.	Travel	Total
G. Bidwell & Associates Ltd.	1,720.00						**1,720.00**
SJ Geophysics Ltd.			5,000.00				**5,000.00**
Sabre Exploration			13,350.00				**13,350.00**
Hubs Motel					912.60		**912.60**
Hubs Motel					1,001.20		**1,001.20**
S J Geophysics Ltd.			7,039.91				**7,039.91**
Geoquest Consulting	1,500.00	1,937.47	3,670.00		15.00	858.00	**7,980.47**
G. Bidwell & Associates Ltd.	145.29	145.29	435.87		755.44	2,179.36	**3,661.25**
G. Bidwell & Associates Ltd.	2,042.50	2,042.50	4,085.00				**8,170.00**
Northwoods					823.54		**823.54**
Bondar Clegg		1,656.43					**1,656.43**
SJ Geophysics Ltd.			2,125.00				**2,125.00**
Geoquest Consulting	2,116.70				350.00	850.00	**3,316.70**
Bondar Clegg		249.14					**249.14**
Bondar Clegg		139.95					**139.95**
Sabre Exploration			1,435.90				**1,435.90**
SJ Geophysics Ltd.			6,744.22				**6,744.22**
Bondar Clegg		36.56					**36.56**
Bondar Clegg				496.79			**496.79**
Core Enterprises				8,810.00			**8,810.00**
Geoquest Consulting				7,151.43	400.00	950.00	**8,501.43**
White Cap Motel					767.86		**767.86**
G. Bidwell & Associates Ltd.	33.22					749.00	**782.22**
Bondar Clegg		17.07					**17.07**
Total	**7,557.71**	**6,224.41**	**43,885.90**	**16,458.22**	**5,025.64**	**5,586.36**	**84,738.24**

Note: see Appendix V for further details

HUDSON BAY

An Anglo American plc Company

Figure 5



Cariboo and Barkerville Subterranes. The Slide Mountain Terrane is a structurally imbricated oceanic package faulted into position on the eastern margin of the Barkerville Subterrane along the Eureka thrust. North of Wells, in the vicinity of the property, it overlies the Cariboo and Barkerville subterranes on the Pundata thrust. It is primarily comprised of Mississippian to Permian basalt and chert-pelite sequences that are cut by diorite, gabbro, and lesser ultramafic intrusions (Struik, 1988). Greywacke, grit, conglomerate, felsic volcanics, limestone and serpentinite are minor components. Felsic volcanics are not traditionally considered to be part of the package but were located west of the Eureka property this past summer. The Quesnel Terrane structurally overlies Barkerville and Slide Mountain rocks along the Eureka fault. It is mainly an island arc assemblage consisting of basal Upper Triassic black clastic rocks overlain by basic to intermediate volcanics (Lane, 1999).

7.1 Barkerville Terrane

Rocks of the Barkerville Subterrane have been assigned largely to the Late Proterozoic to mid-Paleozoic Snowshoe Group (Struik, 1983,1988). They consist mainly of fine-grained siliciclastic and pelitic metasediments with lesser carbonate and volcanic rocks. The Snowshoe Group has 14 subdivisions, several of which contain a significant mafic and/or felsic volcanic component. Intense deformation and moderate to high-grade regional metamorphism make interpretation of the primary lithologies of the Snowshoe Group rocks difficult.

The Snowshoe rocks resemble, in part at least, the Eagle Bay assemblage of the Adams Plateau – Clearwater area. They have also been correlated with the Lower Paleozoic Lardeau Group and the Carboniferous Milford Group of the Kootenay Arc. In the Selkirk Mountains of southeastern B.C. phyllites and quartzite of the Lardeau Group hosts the Goldstream stratabound copper-zinc deposit (1.86 million tonnes @ 3.1% Zn, 4.8% Cu and 21 gpt Ag). Goldstream and other occurrences in the area have characteristics of Besshi-type bedded cupriferous iron sulphide deposits. The Snowshoe Group also correlates with Yukon-Tanana rocks in Yukon and Alaska. In the Finlayson Lake area of Yukon this package hosts the Kudz Ze Kayah deposit (11.1 million tonnes @ 5.6% Zn, 1.6% Pb, 0.9% Cu, 140 gpt Ag, 1.3 gpt Au), the Wolverine deposit (3.5 million tonnes @12.4% Zn, 1.4% Pb, 1.4% Cu, 337 gpt Ag, 1.6 gpt Au) and the Fyre Lake deposit (8.2 million tonnes @ 2.1% Cu, 0.1% Co, 0.7 gpt Au). The occurrence of significant base metal deposits in equivalent rocks elsewhere makes the Barkerville Terrane an excellent target for copper-zinc massive sulphides.

To date the Cariboo is best known for its placer gold in the Barkerville area, where two million ounces of gold have been recovered since 1858. Lode mining, principally of mesothermal vein and pyrite replacement mineralization from the Cariboo Gold Quartz, Mosquito Creek and Island Mountain mines, produced an additional 1.8 million ounces. These deposits are primarily located on a NW-SE trending quartzite-carbonate contact in the Downy succession (Snowshoe Group). The recent discoveries by International Wayside Gold Mines, the Cow Mountain and Bonanza Ledge Zones, are a continuation of these deposits to the southeast. Base metal exploration in the Snowshoe Group, until recently, has been intermittent at best. In the last few years however Barker Minerals has located several prospects in the Cariboo Lake area. Frank Creek was sulphide float only until trenching in 1999 located 1.92% copper across 1.0 meter in bedrock. The Ace and Mae showings are also possible VMS occurrences being actively explored by Barker Minerals. It is expected that considerate more base metal work will be undertaken in the Barkerville Terrane in the next few years. In the Eureka area Barkerville units are located just south of the property. Unfortunately because of its proximity to the Wells gold camp all ground in this area is staked.

7.2 Slide Mountain Terrane

The Slide Mountain terrane is found intermittently along the entire length of the Canadian Cordillera and occurs between rocks of ancestral North America and volcanic and peri-cratonic terranes of unknown origin further west (Fig. 3). In British Columbia there are five principal areas with exposures of this terrane: the Cassiar (Sylvester Group), Omineca (Nina Creek Group) and Cariboo Mountains (Antler Formation), the Shuswap Highlands (Fennell Formation) and the Selkirk Mountains (Kaslo Group). In the Yukon's Finlayson Lake area the Slide Mountain terrane is called the Campbell Range Belt. Although structurally interleaved, Slide Mountain along its length has been generally divided into two structural packages: a lower unit dominated by deep water sediments with lesser mafic plutonic and volcanic rocks, and a upper unit of massive to pillowed basalt containing thin intervals of chert and argillite.

In the Cariboo Mountains, north of the Pundata thrust fault, stratigraphy of the internally imbricated Slide Mountain Terrane is assigned to the Mississippian-Permian Antler Formation. The Antler Formation, according to Struik (1988), consists mainly of intermediate to mafic pillowed, flow and pyroclastic volcanic rocks, chert and black shale. It is exposed in a belt, 15 to 37 km wide, on a northwesterly trend from Barkerville in the southeast to McLeod Lake in the northwest, a distance of 250 km. The Crooked Amphibolite, a sheared and metamorphosed equivalent of the Antler Formation, forms a thin discontinuous map unit along the eastern margin of Quesnellia. Mapping in the Antler Formation is quite sparse. Campbell (1973) mapped most of the formation in 1966-68 as part of the 250,000 scale mapping in the McBride map sheet. Campbell does not show any internal differentiation in the formation. In the southeast portion of the belt both Sutherland Brown (1953) and Struik (1688) studied the Antler Formation west of Bowron Lake in the Two Sisters Mtn.- Slide Mtn.- Mount Murray area. Sutherland Brown, following up on earlier GSC work (Johnston and Uglow, 1926), divided the Slide Mountain Group into two formations. Lowermost, unconformably overlying the Cariboo and Barkerville Terranes was the Guyet Formation. This formation is characterized by a cherty conglomerate but also contains other sediments, including lithic greywacke, argillite and crinoidal limestone. The limestone was called the Greenberry member and occurs at the top of the formation. Sutherland Brown had the Antler Formation volcanics conformably overlying the Guyet Formation and the two units combining to form the Slide Mountain Group. Struik, mapping in the 1980s, concluded the Guyet was part of the underlying Barkerville Terrane and reduced the Slide Mountain back to the Antler Formation only. Struik (1985), after studying conodonts in the chert horizons concluded that the exposed section on Slide Mountain contains at least three major thrust contacts. He estimates the Antler Formation may have been as thin as 300 metres. Sutherland Brown estimated the Antler section at 3,600 ft. (1,100 m.) but did not recognize the repetition due to thrusting. The northeast boundary between the Cariboo Terrane and Slide Mountain rocks is well defined by a major northwest trending thrust fault. However the southwest contact is not well located. This is due the extensive drift of the Interior Plateau masking the bedrock. Consequently government regional mapping shows various interpretations with generous use of inferred faulted contacts.

Mapping in the Eureka area in 2000 as well as prior work by BP Resources (Farmer, 1986) and Peter (1987) has noted the presence of some felsic volcanics within the Antler Formation, which had not been noted by earlier surveys.

Perhaps the most well known VMS deposit hosted by rocks assigned to the Slide Mountain terrane is Chu Chua, in the Fennell Formation northeast of Kamloops. Chu Chua, a Cyprus or Besshi type VMS deposit, consists of several stratiform, massive cupiferous pyrite lenses and associated massive talc, magnetite-talc and siliceous alteration zones within basalts of the upper

Fennell Formation (Aggarwal and Nesbitt, 1984). Its drill indicated resource totals approximate 2 million tonnes averaging 2.0% Cu, 0.4% Zn, 0.1% Co, 0.4 gpt Au and 8.0 gpt Ag although work by Minnova (Inmet) apparently increased its near surface open pittable resource.

In Yukon the Ice Deposit is located in the Campbell Range Belt, the Slide Mountain equivalent. This deposit is hosted by pillowed, massive and brecciated mafic volcanic rocks interlayered with mudstone and chert. Two main sulphide horizons are hosted within the "active" basalt unit, an upper massive sulphide horizon and a lower stockwork sulphide horizon with semi-massive to massive sulphides. A resource of 4.1 million tonnes @ 1.5 % Cu has been defined to date.

In the Prince George- Wells area no significant base metal occurrences have been located to date within the Antler Formation although a number stream sediment anomalies and float occurrences are present. See the section on Previous Investigations for a review of industry work in the area.

8. PROPERTY GEOLOGY

8.1 Lithologies

Volcanic Rocks:

On a property scale, volcanic rocks are dominantly mafic basalts, with lesser amounts of intermediate to felsic volcanics. Mafic volcanics can be subdivided into two units, amygdaloidal pillow basalt and aphanitic basalt.

Amygdaloidal pillow basalt

This unit forms an excellent marker unit that is easily distinguishable from the more aphanitic basalt. It is exposed predominantly within the Westpass Valley and in the clear-cut north of Lottie Lake, as well as in isolated outcrops to the west along Ketcham Valley and southeast of 14 Mile Lake. Rocks are weathered to a light tan-orange brown and have a medium green fresh surface. They form pillows up to one meter in diameter and are filled with spherical amygdules of clay-calcite up to one centimeter in diameter. Pillows can be well preserved, although more commonly they are indistinct, and show little evidence of flattening. Concentrically rimmed amygdules define pillows selvages but are generally poorly developed. In the northern portion of the property, pillow basalts have less abundant, smaller amygdules, and smaller pillows, indicative of a different, perhaps deeper subaqueous depositional environment.

Aphanitic basalt

Basalts of this variety dominate the property geology. They are characterized by being aphanitic, medium green to dark grey, and locally faintly pillowed. They are typically massive, locally autobrecciated, and locally magnetic (north of Lottie Lake). Interbedded within this unit are ribbon cherts.

Intermediate volcanic rocks

Based on field observations, these rocks are distinguished from basalts because of their colour and hardness. Typically intermediate volcanics are fine grained, light grey to light green, and are slightly harder than their basalt counterparts. They are exposed in the Lottie area and more abundantly in the northern half of the property between Towkuh and 14 Mile Lake, and in the Bow Canyon.

Rhyolite (felsic volcanics)

Felsic volcanics are rarely identified in previous literature of the Slide Mountain Terrane. Mapping in the 2000 field season identified felsic volcanics in four areas:

(1) in the northwest corner of the map sheet, southeast of Stephen Lake, rhyolite is massive and weathers white with a grey-blue fresh surface.

(2) in the Bow area, a steep incised canyon has exposures of rhyolite, as previously noted by Peter (1987).

(3) at the Lottie area near the placer operation is a suspect rhyolite.

(4) there is a small outcrop on the north side of Ketcham Creek of rhyolite/intermediate volcanic.

<u>Volcaniclastic rocks</u>

Minor volcaniclastic units were observed as outcrops in the Stephanie Ck. area and in drill core at the Lottie (LOT-1, LOT-3). Volcaniclastics in the Stephanie area consist of lapilli tuffs to agglomerates with elongate lapilli ranging from basalt, chert, pyrite, and obsidian (rhyolite).

<u>Sediments</u>

Sediments on the property consist primarily of cherts and argillites, with minor wackes, limestone, cherty argillites, quartz-pebble conglomerates, shale and phyllite. These sediments are exposed throughout the property and interbedded within thicker volcanic packages.

Chert

Cherts make up the dominant sedimentary lithology, perhaps due to their more resistant nature, and are typically the ribbon chert variety with beds ranging in thickness from 1-3cm separated by thin argillite beds, Mapped chert units can be tens of meters thick. Cherts range in colour from white to pink to green and locally contain radiolarian (Slide Mtn)

Argillites

Argillites also range in colour, are well bedded, and are mapped in the western portion of the Westpass area, at Lottie in the drill core, and to the east on the 2300 road where they are interbedded with wackes and minor limestone. South of the Antler grid, red argillite grades up into chert, all interbedded within basalt.

Limestone

Rare limestone is found on the property within Slide Mountain Terrane rocks. It is observed in outcrop near the Lottie showing as a medium grey gritty calcareous wacke with light blue grey weathering, and as a limestone bed lying within a deformed package of foliated siltstones on the 2300 road. Limestone is also present within the flat lying package of sediments exposed on the west side of the Westpass area map. In 2001 limestone was intersected in drill hole #2 on the South Lottie grid.

Wackes

Wackes are found primarily within the Lottie drill core and in the sediment package in the western portion of the Westpass area.

<u>Intrusions</u>

Intrusions mapped on the property consist dominantly of gabbro stocks, dykes, and sills, accompanying ultramafic intrusives, and later felsic dykes.

Gabbro

Gabbros are prevalent throughout the entire property and are fairly homogeneous. They are massive, fine to coarse crystalline, medium green, and primarily composed of plagioclase and clinopyroxene. They tend not to be as fractured and jointed as the rocks they intrude suggesting they intruded the volcanic sequence late, although some are gradational with the mafic volcanics and are presumably subvolcanic equivalents of the main basalt package.

Ultramafic rocks

Ultramafic intrusives are exposed one kilometer south of the Lottie showing, in the Stephanie area, and in the far northeast corner of the property. South of the Lottie are subcrops of altered ultramafic (?) These rocks feature thick (up to 10cm) limonitic rinds with light grey crystalline cores. These cores are dolomitic and contain 1-3% specks of fuchsite. Subcrop further north is indicative of a talcose-serpentinized highly sheared mafic-ultramafic intrusive. Medium crystalline black amphibolite and serpentinite are exposed on a new logging road two kilometers west of Towkuh Lake. Locally this ultramafic is highly serpentinized and sheared. It has been postulated this area might represent the root zone of the Slide Mountain Terrane. In the northeastern-most extent of the property a suspect ultramafic was mapped. It was fine grained, grey and was talc-chlorite altered.

Felsic Intrusions

In the Westpass Lake area and extending to the mountain north of Lottie Lake are dykes and sills of felsic composition. These intrusive bodies are generally light grey to light green and have a bleached white to pink to green colour. They are very fine grained (approaching cryptocrystalline), aphanitic, and contacts are sharp and conformable and/or intrusive with the basalts.

Other minor intrusive bodies on the property include coarse crystalline feldspar-phyric intermediate porphyry near the placer operation and a hornblende-phyric porphyry in the Stephanie area.

8.2 Structure

In general, rocks in the property consist dominantly of mafic volcanic flows with minor interbedded sediments, which have been thrust imbricated, and normally/transversely faulted. Folding appears to be minor and is seen predominantly within the less competent sediments.
Within the "sea" of basalt are interbedded sediments that were deposited conformably during hiatuses of volcanic activity. Bedding from these sediments was assumed comparable to flow contacts and was therefore used to map otherwise massive flow packages. Marker units for property scale mapping were absent except perhaps for the amygdaloidal pillow basalt unit. This unit proved useful for mapping in the Lottie/Westpass Lake area but was used with caution to the north. Pillow basalts in the north of the property were also amygdaloidal but had subtle differences, and as amygdules (vesicles) are a function of many criteria, including confining pressure, water depth, viscosity, etc. direct correlations between the basalts cannot be made with certainty.
HBED mapping in the Westpass Lake and near the Bow float was used to construct a stratigraphic column, based on the assumption that the amygdaloidal pillow basalt in both areas was correlative. In the Westpass Lake area, amygdaloidal pillow basalt underlies more aphanitic basalt. This contact, while not exposed, is believed to be depositional and might represent a change in depositional environment between flows (water depth?) The contact is moderately to steeply W-NW dipping north of Lottie Lake and shallows substantially to the northwest where it is west dipping. In the Bow canyon, amygdaloidal pillow basalts are in fault contact with underlying intermediate to felsic volcanics. Since these faults are assumed to be normal, with down-dropped hanging walls to the north, it is thought that prior to faulting basalts depositionally overlaid a package of intermediate to felsic volcanics. This hypothesis is also supported by

exposures of structurally lower intermediate to felsic volcanics located at the Antler Grid. Combining the stratigraphy of these two areas, a generalized stratigraphic column is proposed: an intermediate to felsic volcanic package, overlain by the amygdaloidal pillow basalt unit, and in turn overlain by the aphanitic basalt.

Thrust Faulting

It is generally assumed that the entire SMT is highly thrust imbricated. With such limited exposure it is reasonable to assume that the property geology is much more complicated due to thrusting and accompanying brittle deformation.

Several shallow thrust faults were inferred within the Lottie and Westpass area. They account for repetition of stratigraphy and the juxtaposition of steeply and shallowly dipping units. Between the Khan and the Holly, is a mylonitic thrust detachment surface dipping shallowly to the northwest.

Normal/Transverse (?) Faulting

In general the property is faulted by at least two sets of steeply dipping faults trending east west and NW-SE. These faults are based on geophysical interpretation, air photo lineaments, and field mapping. Of local interest is the Westpass Lake fault system trending approximately north south and possibly swinging east into the Lottie Creek Valley. Intense shearing and accompanying serpentinization occurs within the ultramafic intrusive in the center of the property. It has been suggested this ultramafic might represent the "root zone" of the Slide Mountain Terrane. If so, this shearing might be part of a more regional detachment surface (?) See Westpass, Stephanie, and Bow geology for more information on faulting.

Folding

Ductile deformation in the form of folding occurred predominantly in the less competent sediments. It is probable the mafic volcanics were folded during thrusting, however, their massive nature and lack of exposure makes recognition of structures problematic. An openly folded syncline-anticline pair within the mafic volcanics was mapped two kilometers north of Westpass Lake, with axial traces trending approximately east west. West of the Khan, shallow water sediments are folded into a synclinal structure with two generations of strongly developed axial planar cleavage, indicating multiple stages of deformation.

8.3 Mineralization

The following showings were located by HBED in 2000. This is in addition to the float occurrences located by Martin Peter and Eureka Resources described earlier.

On the ridge system to the southeast of **Stephen Lake** (south of Boyce Creek) many angular mineralized rhyolite boulders were discovered. The area they were found in covers approximately nine square kilometers, and the size and angularity of the boulders indicate a proximal source. Massive rhyolites mapped nearby to the east and volcaniclastics along trend at the Stephanie map sheet further substantiate the presence of felsic volcanism. The lithologies include:

(1) Feldspar-quartz porphyry.

This rock is light grey and weathers purple-red to yellow. Feldspar laths are altered to clay and range up to 1cm long and quartz phenocrysts are up to 3mm long. The matrix is finely crystalline and consists of quartz and plagioclase. This rock is found in subcrop along a road cut and is likely a subvolcanic equivalent of a rhyolite-rhyodacite. Mineralization in these boulders is semi-massive to massive and ranges up to 50% finely disseminated pyrite. No significant base metals values were obtained.

(2) Rhyolite:

Rhyolite boulders are light grey with quartz phenocrysts (eyes). They contain up to 40% finely disseminated semi-massive pyrite.
(3) *Rhyolite Breccia:*
One of many boulders found was up to 1.5 meters long and quite angular. Clasts were light grey, subangular to subrounded, aphanitic, and contained 1% disseminated euhedral pyrite. The quartz-rich matrix was white and creamy to mottled, and contained disseminated pyrite. On average the rhyolite breccia contained 5-10% pyrite. As with the above units base metals were at background levels.

Two Sisters:
Copper mineralization cited in previous literature on the top of Two Sisters Mountain is accounted for by mineralized gabbros. Coarse crystalline rusty gabbros contain 2-5% pyrrhotite associated with tr-1% chalcopyrite. Grab sample GSMR10036 assayed 0.3% Cu with anomalous values of Ni, Pb, Zn, Se, Ag, and Co.

Khan:
Angular mineralized float boulders were found along the road-cut at the Khan till anomaly. Float consists of two rock types:
(1) boulders of gossanous dark grey mafic intrusive (subvolcanic), possibly slightly sheared, contained up to 5% chalcopyrite, 1% pyrrhotite, and trace bornite. Assays returned values of 0.4 – 0.56% Cu, with low Ag, Ni, Co credits.
(2) rusty basalt boulders and outcrop in the immediate area contained finely disseminated trace bornite, chalcopyrite, and pyrrhotite, but failed to yield significant assay results.

Ketcham:
Float from within the ferricrete layer at the Ketcham trench was sampled previously by Martin Peter (1997). Mineralized rusty basalt contains up to 40% finely disseminated semi-massive pyrite locally, and trace to 1% disseminated chalcopyrite. Assays returned 0.15% - 0.38% Cu, and up to 0.13% Zn, 0.43% Ag, with anomalous Sb, Hg, Se.
A rusty subangular boulder of basalt float (20 cm long) was discovered one kilometer E-SE above the ferricrete. It contained 2-3% pyrrhotite, trace to 1% chalcopyrite, and assayed 0.12% Cu.

Sam:
Dark grey-black chert float with 1-2% chalcopyrite in fractures was discovered in a till fabric pit and assayed 0.2% Cu, 186 ppm Zn.

For further details on the property geology and mineralization see the 2000 Eureka Report. The 2000 report also includes a detailed description and discussion of the surficial geology by Roger Paulen.

9. GEOCHEMISTRY

A number of the target areas were examined and sampled using a combination of tills, silts (moss mats), surface rocks and drill core. The location and reasoning for picking most of the targets was explained previously in the Work Performed section.

Assay results for the major base metals and indicator elements are shown on Table 2. For a complete listing of results see the Bondar Clegg lab reports and assay tables in Appendix II.

Sampling Techniques & Procedures

Till samples were collected from road cuts, dug pits, stream cuts and tree blow-down sites, stream cuts and road cuts. A 3-5 kg oxidized basal till sample was collected at each site, typically at a depth of generally about 50-100 cm, below any near-surface A or B horizon soils present.

Silt samples or moss mats were collected on drainages (seeps) in the vicinity of the target areas. Silts were taken from pools or areas of less current where fines would collect yet still within the active streambed. Moss mats are typically present atop exposed boulders, outcrop and logs in the streambed. Collection of moss mat samples in stream drainages is often preferable to collection of traditional stream sediment samples because of the high proportion of fine-grained mineral particles, which are invariably present in moss mats.

Surface rock samples (float, outcrop, chip or channel samples) are typically in the range 0.3 – 4 kg in size. An effort is made to collect a series of individual pieces, not one large piece, so as to obtain an "average" grade of the material.

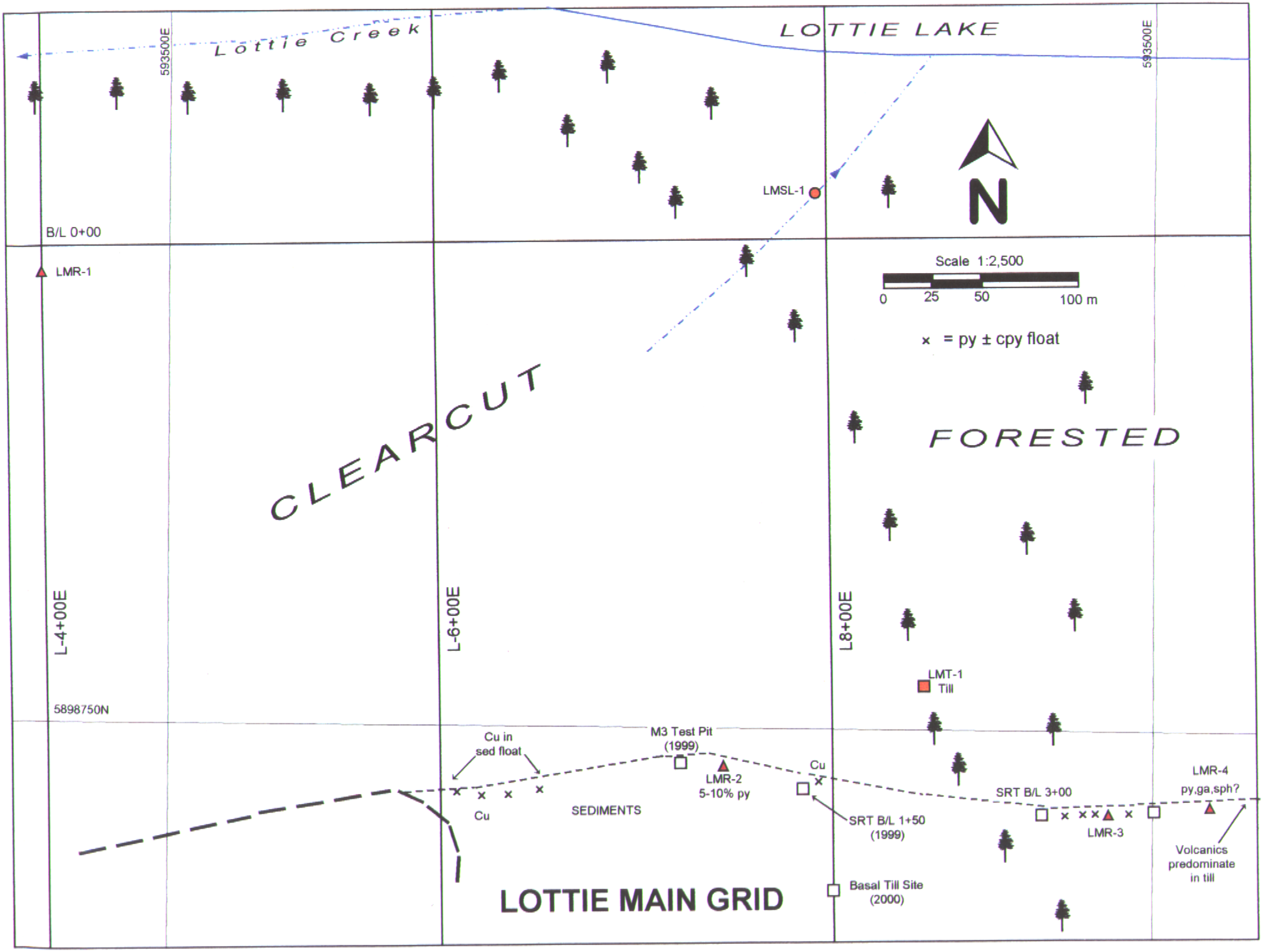
Additional drill core samples were taken from many of the HBED drill holes in the Lottie area. The core was normally sampled in one metre sections and split with a hand operated core splitter.

All sample types were submitted to Bondar Clegg in North Vancouver for a 34 element ICP analysis. The sample preparation and analytical techniques used in the lab are indicated on the lab reports.

Main Lottie Area

Prior work in the Lottie area had concentrated in the Lottie clearcut itself and culminated in four (4) drill holes in the general area of the Lottie copper-rich float. Three of the holes tested an EM conductor south of the main Lottie trench and the fourth hole was drilled under the trench itself. Although no source of the copper-rich float was revealed review of the geochemistry from the drilling as well as surface samples along the conductive horizon indicated anomalous manganese (~13,000 ppm Mn) in two samples. Consequently in an additional 12 samples were collected from bedrock exposures along the placer road and 63 samples (~ 1 metre width) were taken from the drill core. If a manganese-rich horizon is suggested it could be a distal expression of an exhalite horizon with the copper rich massive sulphide.

The placer road samples were consistently high in both barium and manganese although copper, lead, zinc were at background levels. Eight (of the twelve) samples were >2,000 ppm barium, the upper limit with only partial extraction. Manganese was also anomalous. Two samples were >20,000 ppm (upper limit) and two more were 11,125 and 14,880 ppm, an order of magnitude above background levels. The drill core samples were taken from siliceous sections (cherty rhyolites ?) intersected in the first three drill holes, all drilled to intersect the EM conductor. The best values in manganese were from the first eight metres of bedrock in drill hole # 2 directly up-ice from the Lottie float. Six of the eight samples were greater than 12,500 ppm Mn with two samples >20,000 ppm. Barium values are not particularly anomalous, consistently in the 1200-2000 ppm range. As with the placer road samples base metal values are at background levels. These results would suggest that the drill hole may have overshot and intersected only part of the manganese-rich horizon. The most favourable area, assuming the manganese is exhalative, would be between drill hole # 2 and the main Lottie trench.



Lottie Creek
LOTTIE LAKE
593500E
593500E
LMSL-1
B/L 0+00
LMR-1
Scale 1:2,500
0
25
50
100 m
× = py ± cpy float
CLEARCUT
FORESTED
L-4+00E
L-6+00E
L8+00E
LMT-1
Till
5898750N
Cu in
sed float
M3 Test Pit
(1999)
LMR-2
5-10% py
Cu
Cu
SEDIMENTS
SRT B/L 1+50
(1999)
SRT B/L 3+00
LMR-3
LMR-4
py,ga,sph?
Volcanics
predominate
in till
Basal Till Site
(2000)
LOTTIE MAIN GRID

Table 3 BOW - LOTTIE SAMPLING, June 2001

Sample Number	Target	Medium	UTM		Elevation	Grid Co-ord.		Width	Ag	As	Ba	Cu	Mn	Pb	S	Sr	V	Zn
			East	North	(metres)			(metres)	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
171340	Boyce	rock	585798	5916222		BR-1		grab (wr)	-0.5	-5	2000	17	657	-2	0.048	8	81	34
171341	Boyce	rock	586069	5915945	1270	BR-2		grab	0.6	-5	528	2139	823	9	0.196	57	155	39
171342	Boyce	rock	585919	5915940	1315	BR-3		grab	0.6	-5	2000	4668	339	7	0.207	45	82	50
10439	Boyce	silt	585731	5916236	1202	BS-1			-0.5	18	2000	234	2203	15	0.058	132	191	171
10440	Boyce	silt	586302	5915816	1222	BS-2			-0.5	15	2000	139	2772	14	0.07	90	181	141
15416	Boyce	silt	586292	5915806	1227	BS-3			-0.5	13	2000	138	2246	14	0.049	96	177	127
15417	Boyce	silt	585791	5915925		BS-4			-0.5	-5	2000	167	1418	11	0.077	112	166	130
10750	Boyce	till	585791	5915925		BT-1			-0.5	11	2000	124	1596	9	0.022	135	192	95
10751	Boyce	till	585305	5916300	1187	BT-2			-0.5	14	855	58	2448	15	0.074	76	165	79
10427	Grid 3	silt	597181	5912852	1163				-0.5	13	380	60	1503	3	0.078	108	217	98
10428	Grid 3	silt	597685	5912370	1117	4+95E	1+25N		-0.5	29	370	32	7121	5	0.09	102	210	126
168018	Grid 4	rock	598490	5912770		2+17E	3+25N	grab	-0.5	-5	95	46	1449	-2	0.123	89	220	68
10429	Grid 4	silt	598861	5912452	1077				-0.5	21	348	28	6070	7	0.106	96	170	101
10437	Grid 6	silt	600483	5909362	1028	1+75E	6+15N		-0.5	35	358	97	2317	11	0.069	114	164	86
15418	Grid 6	silt	600780	5908790		7+00E			-0.5	6	463	33	2531	6	0.051	100	168	76
10435	Lottie	silt	593661	5898607					-0.5	12	930	51	1775	-2	0.032	121	197	81
10436	Lottie	silt	593661	5898607					-0.5	9	945	74	1216	-2	0.025	116	215	88
LMR-1	Lottie Main	rock	593424	5898987				grab	-0.5	-5	55	82	1449	-2	0.578	84	301	89
LMR-2	Lottie Main	rock	593764	5898738				grab	-0.5	-5	834	41	382	4	0.8	15	159	55
LMR-3	Lottie Main	rock	593976	5898711				grab	-0.5	8	172	131	365	13	1.407	11	30	62
LMR-4	Lottie Main	rock	594024	5898724				grab	16.1	19	554	395	532	8177	2.5	11	61	12314
LMSL-1	Lottie Main	silt				7+94E	0+21N		-0.5	-5	783	64	970	4	0.093	97	149	190
LMT-1	Lottie Main	till	593880	5898784					-0.5	10	777	105	1205	5	0.023	74	165	89
171343	Lottie South	rock	593814	5897512	1452	7+15E	15+50S	grab (wr)	-0.5	-5	2000	70	237	-2	0.005	32	163	29
LSR-1	Lottie South	rock				7+04E	16+46S	grab	-0.5	-5	2000	22	136	18	0.008	48	30	41
LSR-2	Lottie South	rock	593755	5897432				grab	-0.5	5	2000	28	32	16	0.028	20	38	45
10434	Lottie South	silt	592724	5897315	1162				-0.5	6	1115	44	783	12	0.017	83	141	110
10438	Lottie South	silt	592040	5898330	1162				-0.5	37	1479	55	1300	8	0.049	98	162	115
14160	Lottie South	till	594004	5897012	1353				-0.5	6	848	48	968	7	0.013	174	168	73
15601	Lottie South	till	593741	5897157	1332				-0.5	-5	1203	33	601	5	0.011	155	141	84
15602	Lottie South	till	593741	5897157	1332				-0.5	-5	1226	39	616	12	0.012	157	140	92
15603	Lottie South	till	593320	5897512	1335				-0.5	5	1240	39	1027	-2	0.016	129	178	74
15604	Lottie South	till	593652	5896646	1269				-0.5	7	2000	75	790	17	0.011	52	162	157
15605	Lottie South	till	593524	5896901	1272				-0.5	9	1295	48	1116	12	0.013	142	171	87
15606	Lottie South	till	593374	5897106	1277	2+92E	19+45N		-0.5	9	1479	53	907	5	0.013	123	171	93
15607	Lottie South	till	593176	5897662	1320				-0.5	-5	1297	39	877	5	0.011	128	176	80
15613	Lottie South	till	593050	5898142	1302				-0.5	11	966	83	1460	6	0.026	107	195	89
168006	placer road	rock	592037	5898979				0.6	-0.5	9	2000	50	531	-2	0.16	9	54	45
168007	placer road	rock	592037	5898978				0.5	-0.5	16	199	18	1311	2	1.088	4	34	13
168008	placer road	rock	592037	5898976				1.3	-0.5	24	2000	54	9750	8	0.218	31	80	66
168009	placer road	rock	592039	5898974				1.0	-0.5	11	2000	41	11125	8	0.131	26	63	52
168010	placer road	rock	592041	5898971				1.0	-0.5	9	2000	58	2578	4	0.022	14	72	51
168011	placer road	rock	592044	5898968				1.8	-0.5	-5	1110	13	3494	3	0.025	7	36	23
168012	placer road	rock	592053	5898953				1.2	-0.5	102	2000	110	14880	9	0.202	43	117	187

Table 3 BOW - LOTTIE SAMPLING, June 2001

Sample Number	Target	Medium	UTM		Elevation	Grid Co-ord.		Width	Ag	As	Ba	Cu	Mn	Pb	S	Sr	V	Zn
			East	North	(metres)			(metres)	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
168013	placer road	rock	592053	5898950				2.0	-0.5	32	2000	45	5644	-2	0.022	41	288	132
168014	placer road	rock	592055	5898946				1.2	-0.5	70	1869	47	20000	9	0.381	88	81	73
168015	placer road	rock	592055	5898944				1.2	-0.5	182	2000	78	20000	24	1.596	44	100	90
168016	placer road	rock	592056	5898942				1.0	-0.5	23	489	12	2337	6	0.015	4	27	12
168017	placer road	rock	592059	5898938				3.0	0.8	41	2000	87	6218	9	0.029	18	160	68
168023	Stephanie	rock	590401	5907838		STR-1		4.0	-0.5	38	1776	84	889	15	0.418	40	204	110
168024	Stephanie	rock	590238	5907853				grab	-0.5	-5	378	32	269	3	1.628	13	134	51
168025	Stephanie	rock	590041	5908030				grab	-0.5	81	2000	68	1330	181	0.077	40	332	435
171337	Stephanie	rock	590191	5907649				grab	-0.5	13	433	67	1296	21	0.987	32	197	47
171338	Stephanie	rock	590191	5907649				grab	-0.5	-5	2000	57	2149	-2	1.252	150	719	88
171339	Stephanie	rock	590170	5907540				grab	-0.5	-5	144	70	1156	5	0.214	106	247	78
10744	Stewart Creek	till	593704	5894066	1230				-0.5	19	1063	100	946	7	0.03	161	138	91
10745	Stewart Creek	till	593407	5894370	1255				-0.5	20	1323	45	991	14	0.02	99	139	97
10746	Stewart Creek	till	593474	5894470	1255				-0.5	16	1368	54	1135	6	0.01	108	157	97
10747	Stewart Creek	till	593809	5894106	1222				-0.5	21	1227	55	812	17	0.013	69	130	93
10748	Stewart Creek	till	593441	5893435	1318				-0.5	17	1629	76	1977	25	0.01	141	175	130
10749	Stewart Creek	till	593017	5893565	1302				-0.5	30	1585	74	1604	16	0.01	113	179	123
168022	Two Sisters East	rock							-0.5	-5	2000	60	639	7	0.007	10	92	82
10433	Two Sisters East	silt	599270	5897940	1440				-0.5	7	1015	53	995	12	0.076	99	167	128
10741	Two Sisters East	till	599824	5897682	1360				-0.5	-5	2000	56	547	-2	0.008	13	103	86
10742	Two Sisters East	till	599932	5897660	1362				0.7	-5	1439	239	2916	5	0.007	8	290	129
10743	Two Sisters East	till	600386	5897692	1245				-0.5	7	1164	72	1146	11	0.014	110	189	80
15618	Two Sisters East	till	599213	5897870	1440				-0.5	7	1106	70	1351	3	0.032	102	207	87
15619	Two Sisters East	till	599584	5898040	1425				-0.5	-5	1316	107	1275	-2	0.026	124	194	122
15620	Two Sisters East	till	599810	5897800	1370				-0.5	17	2000	159	868	9	0.02	40	170	113
168019	Two Sisters North	rock	596073	5898486	1560	A-1		grab	-0.5	-5	1738	544	20000	-2	1.172	77	64	86
168020	Two Sisters North	rock	596073	5898486	1560	A-2		grab	-0.5	5	2000	451	1949	8	0.913	6	29	26
168021	Two Sisters North	rock	596073	5898486	1560	A-3		grab	-0.5	-5	425	154	4810	-2	0.431	18	29	14
10430	Two Sisters North	silt	596073	5898486	1560				-0.5	-5	382	72	716	2	0.225	45	93	64
10431	Two Sisters North	silt	595743	5898398	1594				-0.5	-5	1668	52	752	7	0.052	66	144	195
10432	Two Sisters North	silt	594751	5898380	1571				-0.5	-5	214	104	1508	5	0.219	51	56	102
15614	Two Sisters North	till	595540	5898308	1600				-0.5	-5	658	51	760	-2	0.054	77	190	66
15615	Two Sisters North	till	595971	5898478	1588				-0.5	-5	652	47	858	-2	0.045	84	198	92
15616	Two Sisters North	till	595049	5898356	1607				-0.5	7	1031	122	2182	7	0.106	104	145	88
15617	Two Sisters North	till	594543	5898380	1550				-0.5	-5	395	96	941	-2	0.061	101	223	72

Table 4 BOW - LOTTIE 2000 DRILL CORE (resampling)

Sample Number	Target	Medium	Drill Hole	From (metres)	To (metres)	Width (metres)	Remarks		Ag ppm	As ppm	Ba ppm	Cu ppm	Mn ppm	Pb ppm	S %	Sr ppm	V ppm	Zn ppm
171726	Lottie	core	Lot 1	49.0	50.0	1.0			-0.5	-5	978	54	1090	-2	0.152	60	104	75
171727	Lottie	core	Lot 1	50.0	51.0	1.0			-0.5	-5	2000	135	1281	9	0.089	22	92	83
171728	Lottie	core	Lot 1	51.0	52.0	1.0			-0.5	-5	2000	256	1398	6	0.066	25	99	96
171729	Lottie	core	Lot 1	52.0	53.0	1.0			-0.5	-5	2000	94	1219	5	0.062	22	92	78
171730	Lottie	core	Lot 1	53.0	54.0	1.0			-0.5	-5	2000	67	920	4	0.036	17	77	87
171731	Lottie	core	Lot 1	54.0	55.0	1.0			-0.5	-5	2000	66	1056	8	0.11	22	82	97
171732	Lottie	core	Lot 1	55.0	56.0	1.0			-0.5	-5	2000	38	1189	12	0.091	23	73	104
171733	Lottie	core	Lot 1	56.0	57.0	1.0			-0.5	-5	1791	45	496	4	0.036	14	53	63
171734	Lottie	core	Lot 1	57.0	58.0	1.0			-0.5	-5	1453	8	737	4	0.01	16	44	59
171735	Lottie	core	Lot 1	58.0	59.0	1.0			-0.5	-5	1111	23	528	4	0.011	19	33	39
171736	Lottie	core	Lot 1	59.0	60.0	1.0			-0.5	-5	2000	106	989	-2	0.022	29	79	91
171737	Lottie	core	Lot 1	60.0	61.0	1.0			-0.5	-5	1685	5	807	6	0.034	21	60	56
171738	Lottie	core	Lot 1	61.0	62.0	1.0			-0.5	-5	2000	4	411	-2	0.062	19	86	38
171739	Lottie	core	Lot 1	62.0	63.0	1.0			-0.5	-5	1842	-1	398	-2	0.027	28	89	12
171740	Lottie	core	Lot 1	63.0	64.0	1.0			-0.5	-5	1318	2	180	3	0.044	23	70	8
171741	Lottie	core	Lot 1	64.0	65.0	1.0			-0.5	-5	840	1	147	-2	0.006	35	57	5
171742	Lottie	core	Lot 1	65.0	65.9	0.9			-0.5	-5	319	2	329	-2	0.016	59	54	10
171743	Lottie	core	Lot 1	111.0	112.0	1.0			-0.5	-5	2000	32	921	-2	0.052	69	119	49
171744	Lottie	core	Lot 1	112.0	113.0	1.0			-0.5	-5	2000	4	676	2	0.117	28	48	17
171745	Lottie	core	Lot 1	113.0	114.0	1.0			-0.5	-5	2000	20	848	3	0.053	36	51	43
171746	Lottie	core	Lot 1	114.0	115.2	1.2			-0.5	-5	2000	37	950	3	0.169	76	86	61
171747	Lottie	core	Lot 1	126.2	127.2	1.0			-0.5	-5	2000	149	460	16	0.284	24	78	69
171748	Lottie	core	Lot 1	127.2	128.2	1.0			0.7	-5	2000	401	544	15	0.399	29	117	190
171749	Lottie	core	Lot 1	128.2	129.2	1.0			-0.5	-5	2000	106	402	5	0.284	24	60	67
171750	Lottie	core	Lot 1	129.2	130.4	1.2			-0.5	11	2000	98	3777	21	0.337	60	138	123
171751	Lottie	core	Lot 1	130.4	131.8	1.4			-0.5	-5	2000	148	2703	51	0.37	37	176	147
171752	Lottie	core	Lot 1	131.8	133.0	1.2			-0.5	-5	2000	4	6726	46	0.071	506	71	43
171753	Lottie	core	Lot 2	12.2	13.2	1.0			-0.5	7	1564	63	20000	4	0.228	56	75	58
171754	Lottie	core	Lot 2	13.2	14.2	1.0			-0.5	6	2000	152	14421	10	0.19	44	118	72
171755	Lottie	core	Lot 2	14.2	15.2	1.0			-0.5	-5	1934	92	5321	9	0.211	29	75	49
171756	Lottie	core	Lot 2	15.2	16.2	1.0			-0.5	-5	1863	93	12507	10	0.245	34	255	55
171757	Lottie	core	Lot 2	16.2	17.2	1.0			-0.5	-5	1246	68	14106	9	0.35	49	57	28
171758	Lottie	core	Lot 2	17.2	18.2	1.0			-0.5	-5	1670	124	4254	9	0.442	23	107	34
171759	Lottie	core	Lot 2	18.2	19.2	1.0	poor rec.		-0.5	-5	1936	189	15307	13	0.722	107	90	80
171760	Lottie	core	Lot 2	19.2	20.2	1.0	poor rec.		-0.5	7	1447	168	20000	16	0.34	129	62	70
171761	Lottie	core	Lot 2	20.2	21.2	1.0	v.poor rec.		-0.5	-5	1326	84	4284	14	0.038	18	114	54
171762	Lottie	core	Lot 2	21.2	22.2	1.0	v.poor rec.		-0.5	8	1359	59	2468	22	0.154	32	130	49
171763	Lottie	core	Lot 2	22.2	23.2	1.0	v.poor rec.		-0.5	-5	1704	78	3999	14	0.201	84	116	66
171764	Lottie	core	Lot 2	23.2	24.2	1.0			-0.5	20	2000	73	3978	7	0.125	51	181	93
171765	Lottie	core	Lot 2	24.2	25.2	1.0	poor rec.		-0.5	-5	2000	82	972	5	0.268	33	70	76
171766	Lottie	core	Lot 2	25.2	26.2	1.0			-0.5	-5	2000	90	901	8	0.146	46	57	61
171767	Lottie	core	Lot 2	26.2	27.2	1.0			-0.5	-5	2000	82	1299	5	0.159	33	109	72
171768	Lottie	core	Lot 2	27.2	28.2	1.0			-0.5	-5	2000	49	1047	2	0.513	31	49	46
171769	Lottie	core	Lot 2	28.2	29.2	1.0			-0.5	-5	1544	40	369	2	0.664	20	33	28
171770	Lottie	core	Lot 2	29.2	30.2	1.0			-0.5	-5	2000	57	611	7	0.192	9	58	49
171771	Lottie	core	Lot 2	30.2	31.2	1.0			-0.5	-5	2000	52	602	5	0.223	9	67	46
171772	Lottie	core	Lot 2	31.2	33.5	2.3	v.poor rec.		-0.5	-5	2000	87	2403	5	0.232	25	50	64

Table 4 BOW - LOTTIE 2000 DRILL CORE (resampling)

Sample Number	Target	Medium	Drill Hole	From (metres)	To (metres)	Width (metres)	Remarks		Ag ppm	As ppm	Ba ppm	Cu ppm	Mn ppm	Pb ppm	S %	Sr ppm	V ppm	Zn ppm
171773	Lottie	core	Lot 2	33.5	34.5	1.0			-0.5	-5	2000	46	970	-2	0.184	14	81	65
171774	Lottie	core	Lot 2	34.5	35.7	1.2			-0.5	-5	2000	130	3236	5	0.266	83	152	89
171775	Lottie	core	Lot 2	35.7	37.0	1.3			-0.5	-5	1043	72	2337	12	0.348	96	134	100
171776	Lottie	core	Lot 2	49.9	51.0	1.1			-0.5	7	1188	75	930	8	0.103	53	145	86
171777	Lottie	core	Lot 2	51.0	52.6	1.6			-0.5	-5	1400	61	393	10	0.259	16	99	71
171778	Lottie	core	Lot 3	21.4	23.4	2.0	v.poor rec.		-0.5	-5	1843	52	2899	-2	0.181	105	77	59
171779	Lottie	core	Lot 3	23.4	24.4	1.0	v.poor rec.		-0.5	-5	1602	108	808	5	0.282	31	44	42
171780	Lottie	core	Lot 3	24.4	25.4	1.0	poor rec.		-0.5	-5	2000	46	3827	9	0.306	22	67	48
171781	Lottie	core	Lot 3	25.4	26.4	1.0	poor rec.		-0.5	-5	1805	68	6469	9	0.214	39	118	64
171782	Lottie	core	Lot 3	26.4	27.4	1.0	poor rec.		-0.5	7	1735	118	6997	7	0.135	80	216	63
171783	Lottie	core	Lot 3	27.4	28.4	1.0	poor rec.		-0.5	-5	2000	71	3095	12	0.059	29	109	80
171784	Lottie	core	Lot 3	28.4	29.4	1.0	poor rec.		-0.5	-5	1664	56	2207	14	0.195	33	104	59
171785	Lottie	core	Lot 3	29.4	30.4	1.0	poor rec.		-0.5	-5	2000	38	1969	7	0.114	158	94	92
171786	Lottie	core	Lot 3	30.4	31.1	0.7			-0.5	-5	2000	44	518	-2	0.115	75	90	77
171787	Lottie	core	Lot 3	31.1	32.1	1.0			-0.5	7	2000	105	1529	-2	0.056	175	266	105
171788	Lottie	core	Lot 3	32.1	33.0	0.9			-0.5	-5	2000	69	1216	-2	0.064	142	196	98

Prospecting along the logging road at the east end of the Main Lottie grid also revealed additional samples of sediments with minor chalcopyrite, indicating perhaps a stockwork zone in sediments underlying a massive sulphide horizon to the north (Fig. 6). This would make any EM conductors in the eastern portion of the clearcut prospective drill targets. One till, four rocks, three silts were collected in the area. All were at background levels except for one rock (LMR-4), a grab sample with 395 ppm Cu, 8177 ppm Pb and 12,314 ppm Zn.

South Lottie Area

Recon EM surveying in 2000 revealed a conductive trend 1.5 km south of the main Lottie trench at the edge of the South Lottie clearcut. The grid was extended into this clearcut and in June five lines were surveyed to define the target. An additional six lines were added in September and defined two northwest trending HLEM anomalies. Previous GSC and BCGS geological mapping has located a major thrust (Pundata Thrust) in this area and it may be the source of these EM conductors. Some mapping and till-rock sampling was carried out in the June with more in August (Fig. 7, Table 5). The sampling was both tills and soils mainly "down-ice" of the conductor.

Of the samples collected only two tills returned elevated copper (70, 102 ppm). The soils did not return any anomalous values. Two rocks contained anomalous barium but low copper. Rock sample L7E/15+50S contained 118 ppm Cu, 284 ppm Zn. 5.0 ppm Ag and 18 ppm Mo. The rock was a brecciated chert with limonitic fracture fillings. No other mineralized rocks were seen.

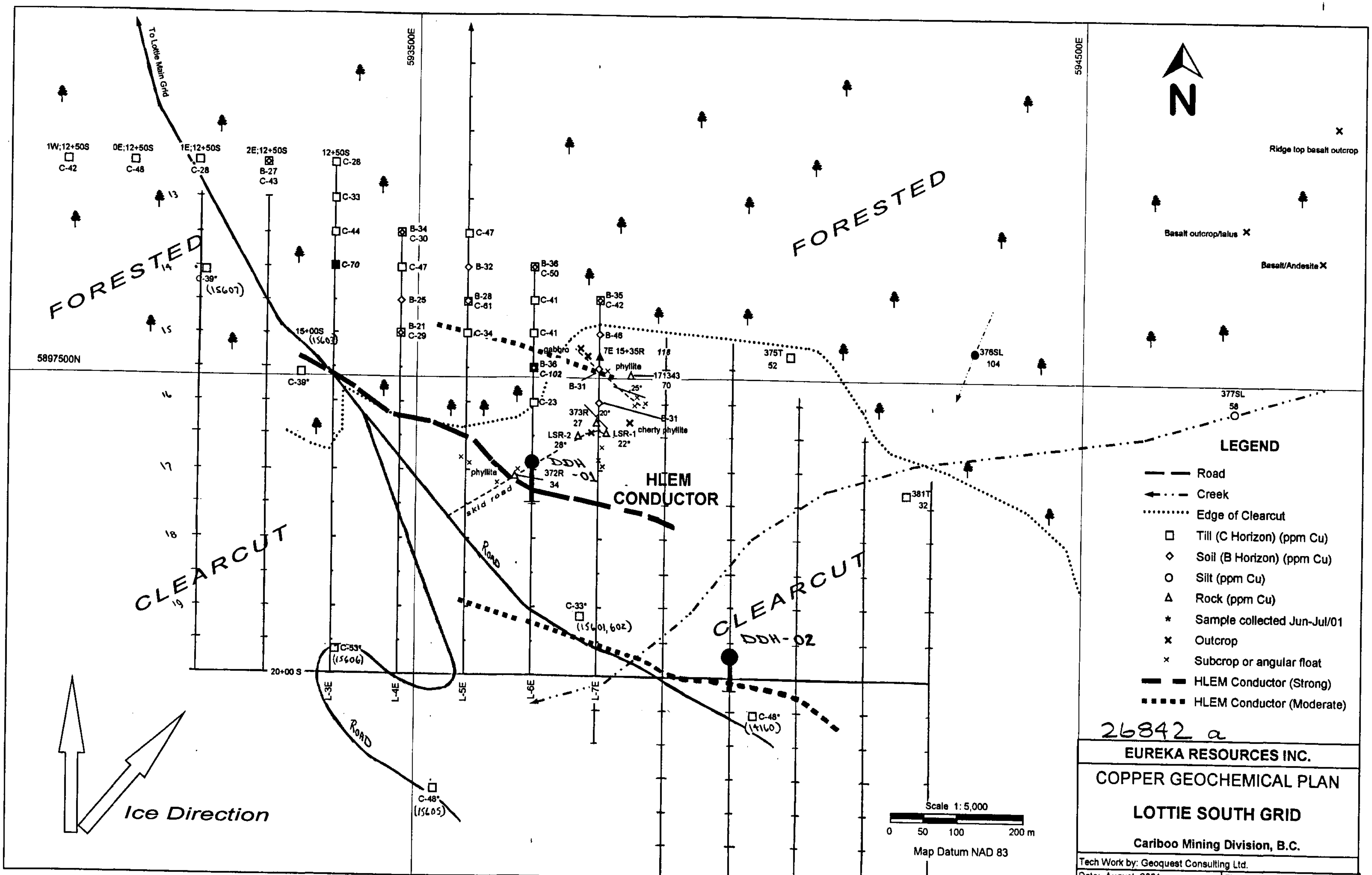
Two Sisters Mountain Area

Sampling by Hudbay in 2000 indicated elevated geochemistry, particularly in copper, cobalt, selenium and arsenic, on the north side of Two Sisters Mountain (Fig. 4). This area is also only a few km from the Lottie clearcut so it could be a possible source of the Lottie float. A traverse was undertaken into the area with tills, stream sediments and rock samples collected. Of particular interest was a drainage directly north of Two Sisters peak. Altered felsic volcanics were found as float with up to 60% pyrite and specks of native copper. Mapping to the west also located a significant amount of fine clastic rocks (argillite and shales) which is similar to bedrock in the Lottie area. Four tills were collected, only one (#15616) had slightly elevated copper, manganese and barium. Three rock grabs taken of the altered felsic volcanics assayed 154 to 544 ppm copper. Three silts gave low values except one sample ran 104 ppm copper.

A second area of interest is on the east side of Two Sisters Mountain. The BCGS till program in 2000 had their highest copper result (328 ppm) from a till about 1.5 km up the Two Sisters Road. As this data became public in April 2001 twenty four claim units were added on the southeast side of the property to cover the anomaly. Prospecting in the area revealed two pits which could have been the site of the government till. HBED also sampled in this area. Unfortunately there were no remaining flags at the sites to indicate the sampler. Both sites were re-sampled. Altered bedrock was noted at one of the pits. Prospecting, along with 6 tills, one rock and one silt were taken. One till (#10742) assayed 239 ppm copper, possibly the government site. The remaining samples had low values

Bowron River Valley

Prospecting was carried out on grids 3, 4 and 6 from the HBED program. This was to check out the ground conductors obtained in 2000. No outcrop was located in the area of the EM anomalies but five silts and one rock were collected. All samples were at background levels



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EUREKA RESOURCES INC.

COPPER GEOCHEMICAL PLAN

LOTTIE SOUTH GRID

Cariboo Mining Division, B.C.

Tech Work by: Geoquest Consulting Ltd.

Date: August, 2001 | Figure: 1

Table 5 LOTTIE SOUTH GRID August Sampling

Rocks	Ag ppm	As ppm	Ba ppm	Cu ppm	Mn ppm	Pb ppm	S %	Sr ppm	V ppm	Zn ppm
LSR1*	-0.5	-5	2000	22	136	18	0.008	48	30	41
LSR2*	-0.5	5	2000	28	32	16	0.028	20	38	45
372R	-0.5	21	2000	34	340	18	0.005	41	97	101
373R	-0.5	15	2000	27	645	14	0.027	31	20	33
7E 15+35R	***5.0***	7	452	***118***	55	***35***	0.010	3	235	***284***

* Collected during June/July, 2001 programme

Silts	Ag ppm	As ppm	Ba ppm	Cu ppm	Mn ppm	Pb ppm	S %	Sr ppm	V ppm	Zn ppm
376SL	-0.5	-5	634	104	1264	7	0.072	116	190	110
377SL	-0.5	-5	497	58	1069	7	0.125	135	144	79

Soils	Ag ppm	As ppm	Ba ppm	Cu ppm	Mn ppm	Pb ppm	S %	Sr ppm	V ppm	Zn ppm
0+00 12+50SB	-0.5	6	967	26	645	12	0.020	93	207	71
2E 12+50SB	-0.5	-5	864	27	718	9	0.024	115	182	76
L4E 13+50SB	-0.5	7	898	34	503	6	0.027	104	161	91
L4E 14+50SB	-0.5	-5	716	25	508	4	0.028	114	157	114
L4E 15+00SB	-0.5	8	891	21	507	3	0.022	113	167	81
L5E 14+00SB	-0.5	10	733	32	741	8	0.038	96	244	96
L5E 14+50SB	-0.5	-5	788	28	617	7	0.036	112	201	***145***
L6E 14+00SB	0.5	22	802	27	560	10	0.033	111	181	90
L6E 15+50SB	-0.5	13	946	36	530	9	0.036	89	203	115
L7E 14+50SB	-0.5	5	1109	35	613	8	0.025	108	173	105
L7E 15+00SB	-0.5	-5	839	46	751	13	0.036	106	190	90
L7E 15+50SB	-0.5	-5	1011	31	585	13	0.024	105	189	***140***
L7E 16+00SB	-0.5	15	941	31	464	6	0.033	80	199	99

Tills	Ag ppm	As ppm	Ba ppm	Cu ppm	Mn ppm	Pb ppm	S %	Sr ppm	V ppm	Zn ppm
375T	-0.5	31	868	52	1030	7	0.030	158	197	87
381T	-0.5	11	743	32	696	9	0.029	167	158	99
0+00 12+50ST	-0.5	11	1156	48	1086	4	0.023	108	201	76
1W 12+50ST	-0.5	7	1006	42	660	11	0.019	133	168	70
1E 12+50ST	-0.5	-5	1117	28	786	8	0.014	119	150	67
2E 12+50ST	-0.5	-5	1034	43	941	3	0.020	123	179	76
L3E 12+50ST	-0.5	22	1121	28	866	7	0.020	129	167	67
L3E 13+00ST	-0.5	17	1285	33	1034	4	0.020	107	171	76
L3E 13+50ST	-0.5	5	1139	44	1087	6	0.023	129	184	83
L3E 14+00ST	-0.5	-5	1229	***70***	1323	9	0.027	118	155	93
L4E 13+50ST	-0.5	-5	1054	30	762	8	0.022	130	165	69
L4E 14+00ST	-0.5	12	915	47	664	14	0.028	114	150	126
L4E 15+00ST	-0.5	11	1029	29	736	4	0.022	139	168	74
L5E 13+50ST	-0.5	-5	978	47	648	7	0.041	109	166	95
L5E 14+50ST	-0.5	8	874	61	1069	6	0.039	118	200	88
L5E 15+00ST	-0.5	16	1109	34	676	6	0.020	121	151	75
L6E 14+00ST	-0.5	-5	960	50	961	5	0.028	117	184	84
L6E 14+50ST	-0.5	15	1234	41	871	5	0.026	123	169	88
L6E 15+00ST	-0.5	16	1168	41	782	11	0.025	118	167	82
L6E 15+50ST	-0.5	20	1315	***102***	1068	5	0.041	98	210	98
L6E 16+00ST	-0.5	11	2000	54	428	16	0.028	47	131	***165***
L7E 14+50ET	-0.5	18	1319	42	939	6	0.024	112	171	84

Stephanie Creek Anomaly

In the Stephanie Creek area a small drainage 3 km west of the property boundary gave a 487 ppm copper silt anomaly (Fig.4). Further sampling confirmed the stream sediment result but no obvious source was found. The area was prospected in June. A new logging road has been put in just east of the drainage and revealed bedrock not seen previously. It is now interpreted that a gabbro/sediment contact runs along the creek. As it is a small drainage (0.5 km) even a minor amount of copper in the gabbro, which is not uncommon, could give the high copper result. There is enough exposure of both the sediment and gabbro that if a significant occurrence was present it should have given some indication by alteration or sulphides. Six rocks were collected along the new logging road and the creek itself. One was slightly elevated in lead (181 ppm)and zinc (435 ppm).

Boyce Anomaly

The Boyce anomaly is located in the northwest corner of the property, 5 km south of Slender Lake. In 2000 tills and silts on the south side of Boyce Creek were anomalous in copper with up to 174 ppm in silts and 170 ppm in till. This area was also recognized by BP Resources in 1985 but there is no record of BP work beyond some recon geophysics and geochemistry. Prospecting in June along the existing logging roads and further upslope located a variety of volcanics and sediments including hematite veined float. Copper was found as malachite and trace bornite in one area. Two tills, three rocks and four silts were taken. One till, two rocks and the four silts gave anomalous barium and copper numbers (138-234 ppm Cu in silts, rocks up to 4668 ppm Cu).

Stewart Creek Area

Prospecting was done in the Stewart Creek area, west of Big Valley Creek and 4 km south of the Lottie float. Work by HBED in 2000 had 320 ppm Cu in tills from this area. The original till site was re-sampled and additional tills collected from the vicinity. In general the coarse rock fragments in the samples indicate the material came from Barkerville Terrane units and not the Slide Mountain Terrane which is the apparent source of the Lottie mineralized float. Six tills were taken, all were at background levels.

10. GEOPHYSICS

Two periods of geophysics were carried out on the property in 2001 by SJ Geophysics of Delta, B.C. Frequency domain horizontal loop electromagnetic surveys (HLEM) and magnetic surveys were carried out on various grids within the property. Linecutting for the grids was undertaken by Sabre Explorations, G. Bidwell and W. Gruenwald.

The first period of work was from June 21 to July 2. Horizontal loop EM surveys were completed on three grids (#1, 2 and 8) along the Bowron River Valley in the northeast corner of the property (Figures 3, 4) and one grid of EM surveying in the southern part of the property (Lottie South grid). Two short detail lines of HLEM were also completed on the Lottie Main grid. Magnetic surveys were carried out on grids #1, 8 and part of Lottie South.

The second period of geophysics was in late September. The HLEM survey was extended on the Lottie South grid and magnetics was completed on the entire grid.

The geophysical programs are discussed by area below. For further details and the survey maps see Appendix I, a report by SJ Geophysics.

Main Lottie Area

In the fall of 2000 HBED drilled four (4) holes in the general area of the Lottie copper-rich float. Three of the holes tested an EM conductor south of the main Lottie trench and the fourth hole was drilled under the trench itself. The drilling concentrated directly upslope of the main copper-bearing trench and off to the west, as in this area the conductor was well defined along one horizon. No drilling took place to the east where the EM survey indicated multiple conductors and a more complicated picture.

The July 2001 work consisted of two lines in the east area (4E and 8E) re-surveyed with HLEM using a short (50 metre) cable length. The purpose of this work was to attempt to detail the multiple conductors from the prior surveys in hopes of relating one conductor to a massive sulphide horizon. The EM response was very weak indicating the conductor(s) are deeper than 25 metres.

South Lottie Area

Recon EM surveying in 2000 revealed a conductive trend 1.5 km south of the main Lottie trench at the edge of the South Lottie clearcut. In 2001 a grid was installed in this area. Two periods of HLEM surveying ultimately defined two parallel NW trending conductors with moderate dips to the northeast. A northwest trending conductor is indicated. Regional geological mapping locates a major thrust (Pundata Thrust) in this general area.

Bowron River Valley

In 2000 Hudbay carried out an airborne EM-magnetic survey along the Bowron River Valley using their proprietary SPECTREM system. Interpretation of the results recommended eight ground grids on airborne targets. Four of the grids (#3, 4, 5, 6) were installed in 2000 and geophysics undertaken. These grids were selected on the basis of their proximity to the possible up-ice sources of the Bow and Tow float. Ground EM indicated the conductors were flat lying features and quite possibly overburden related. Only one hole was drilled at the time and it was terminated in deep overburden, concluding it had a surficial source.

As part of the June 2001 program three of the remaining airborne targets (#1, 2 and 8) were gridded and ground geophysics undertaken. Of particular interest was grid #1 which had a coincident airborne EM-magnetic feature. Regular 100 metre spaced lines were installed on this anomaly. The other two grids (#2 & 8) had more of a reconnaissance survey with 200 metre spaced lines. Early indications were that at least some of the conductors on the ground surveys are NNW trending and dipping to the west. As the grid orientation is similar to this direction the conductors may have been crossed at a shallow angle. To check for this possibility the base lines were also surveyed with the Max-Min EM equipment.

SJ Geophysics concluded that the main conductivity contact on **grid #1** follows topography in the river valley and is likely due to a conductive clay layer. A second conductor on the northern part of the grid has a very shallow response and also appears to be caused by overburden. A magnetic anomaly on the grid may be due to the overburden thickness on the bedrock mafic volcanics.

Grid #2 consisted of only three lines straddling the Bowron River about one km south of grid #1. No significant ground EM response was found on this airborne target.

Grid #8 consisted of three lines over an airborne conductor to the west of grid #1. The ground EM response appears to be due to relatively flat lying conductive layers and presumably is overburden related. There are a few old pits in the area. They may be trenches from the early 1980s when BP Resources was active in the area. Alternatively there may be related to logging in the same period.

11. DRILLING

Diamond drilling was undertaken in the period September 23 to 28, 2001. Two holes (L-DDH-01 and 02) totaled 128.65 metres. Core Enterprises Ltd. of Clinton, B.C. was contracted to perform the work. Both holes tested HLEM conductors on the South Lottie grid. The drill core (NQ) has been left on the property. It is located 1.5 km west of Lottie Lake on the road to the placer operation, along with the core from the earlier HBED drilling . It is cross-piled and stacked on the north side of the road. Following is a brief summary of each drill hole. Detailed drill logs are included in Appendix III. Hole locations are on Figure 4 and Plate G5F in the SJ Geophysics report, Appendix I.

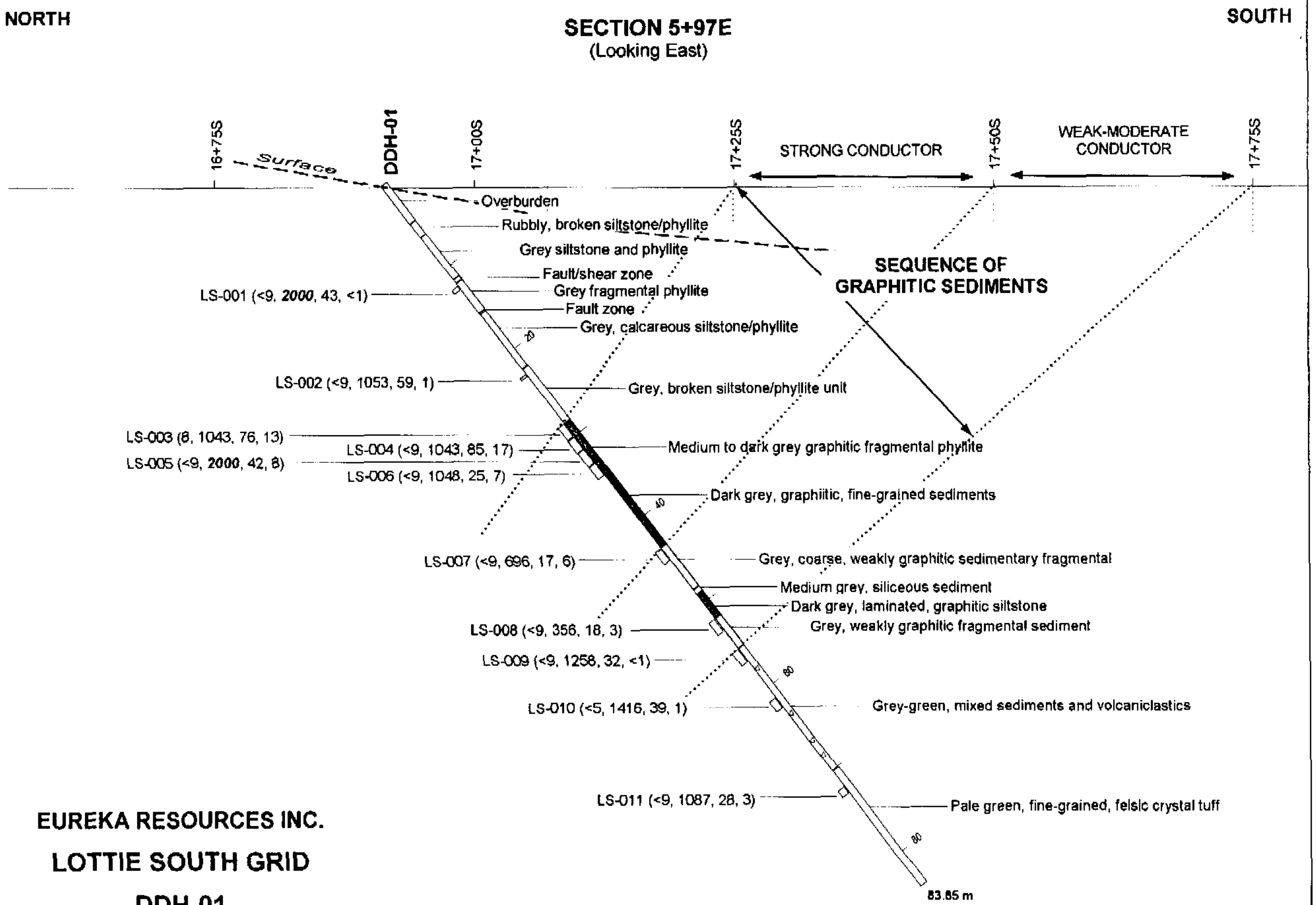
Drill Hole L-DDH-01

This hole tested the more northeasterly of the two northwest trending HLEM conductors identified by the SJ Geophysics survey on the South Lottie grid. The hole is located at 5+97E / 16+91S on the grid, 150 metres upslope from the main logging road, along an old skid road on the northern edge of the clearcut. The hole reached a depth of 83.85 meters. A 27.0 metre section of the hole, from 28.5 to 55.5 metres, intersected dominantly graphitic metasediments which were the cause of the electromagnetic conductor. Other lithologies included siltstone, phyllite and volcaniclastics. The hole ended in a fine grained felsic crystal tuff unit. Clots and fine grained pyrite were seen but no base metal sulphides were noted in the core. Eleven assays gave only background values with some elevated barium numbers.

Drill Hole L-DDH-02

This hole was drilled to test the less prominent of the two northwest trending HLEM conductors on the South Lottie grid . The hole is located at 9+02E / 19+79S, 25 metres upslope of the main logging road and just south of a small creek. The hole reached a depth of 44.80 meters. A 19.55 metre section of the hole, from 18.70 to 38.25 metres, intersected dominantly graphitic metasediments which were the cause of the electromagnetic conductor. Other lithologies included sandy and siliceous sediments, phyllite and limestone. Irregular clots and fine grained pyrite was seen but no base metal sulphides were noted in the core. Twelve assays gave only background values with some elevated barium numbers.

The presence of abundant sediments and particularly limestone at the bottom of hole #2 would suggest that at least part of the drilling was in the Cariboo rocks below the Pundata Thrust or in the Guyet Formation at the base of the Slide Mountain succession. On the other hand the felsic tuff unit at the bottom of hole #1 would be more likely part of the Slide Mountain Terrane. The most probable scenario is that the drill holes are on the Pundata Thrust. The main contact may be the graphitic sediments in hole #2 but often these major thrusts have more of a "contact zone " instead of a single contact. In other words both holes could be within the contact zone of the



EUREKA RESOURCES INC.

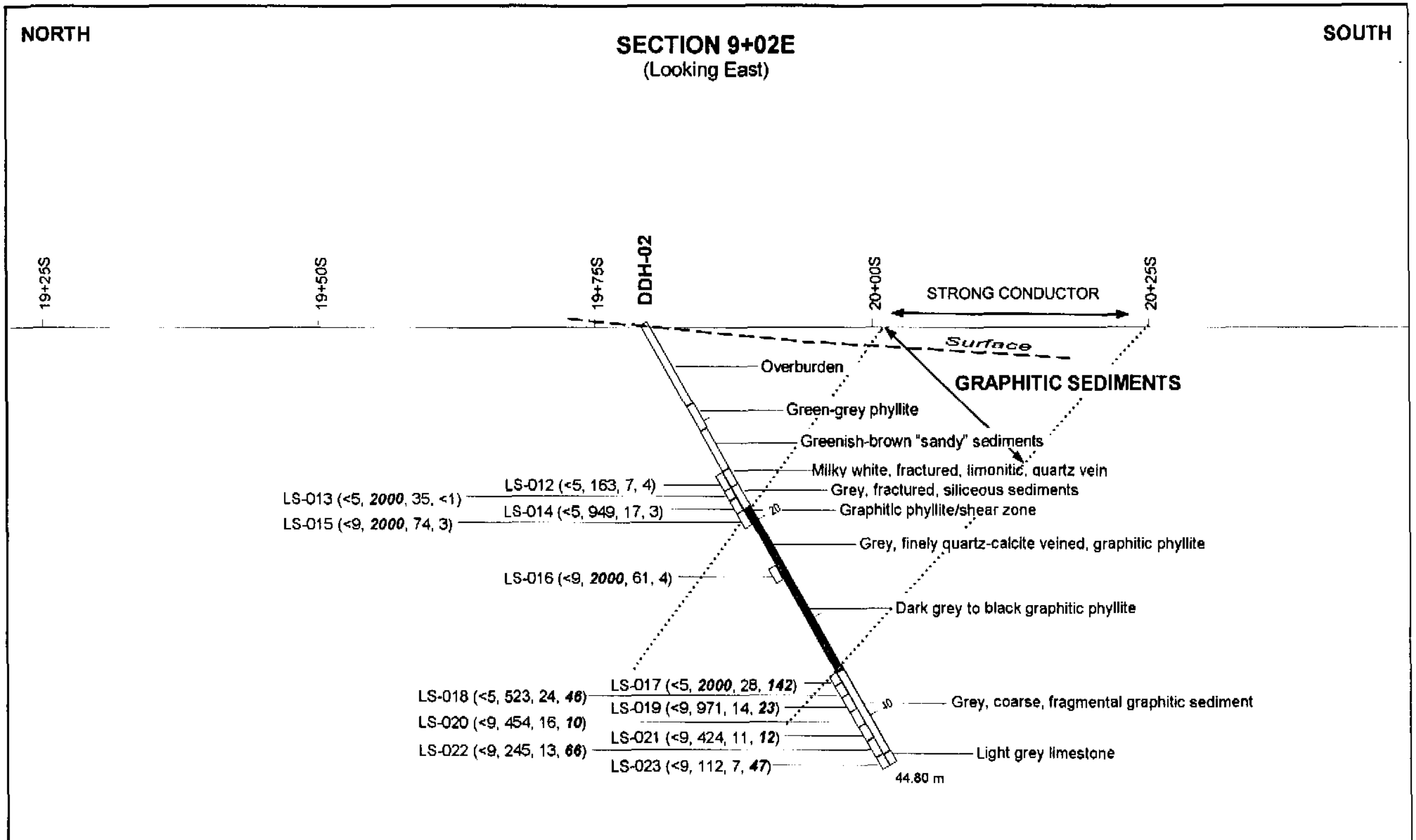
LOTTIE SOUTH GRID

DDH-01

LS-015 (<9, *2000*, 74, 3) - Sample # (Au ppb, Ba ppm, Cu ppm, Mo ppm)

Scale: 1:500

Geoquest October/01



EUREKA RESOURCES INC.

LOTTIE SOUTH GRID

DDH-02

LS-015 (<9, *2000*, 74, 3) - Sample # (Au ppb, Ba ppm, Cu ppm, Mo ppm)

Scale: 1:500

Geoquest October/01

Pundata Thrust with slivers of both Slide Mountain and Cariboo units intermixed. From a mineral exploration perspective it doesn't matter. The EM conductors are not related to sulphides, particularly base metal sulphides.

12. CONCLUSIONS & RECOMMENDATIONS

1. One of the main thrusts of the 2001 program was to outline the nature of the EM conductor in the **South Lottie area** and to determine if it could be a possible source of the chalcopyrite-rich float in the main Lottie trench two km to the north? The geophysics and follow-up drilling definitely showed the conductors are not related to copper sulphides. The conductors are graphitic sediments probably along the Pundata Thrust and are of no further interest

2. A second objective of the program was to investigate the airborne EM conductors in the **Bowron River Valley** in the northeast corner of the property. Ground geophysics was carried out on three grids. Ground conductors were defined on two of the three grids but indications are that they are related to overburden and do not have a bedrock source. The conductors are flat lying, for the most part parallel the river bottom and clay layers are observable in the river bank and road cuts. Although no drilling was undertaken to confirm this interpretation it is the most likely conclusion. No further work is recommended on these targets.

3. At the conclusion of Hudbay's program in 2001 a number of till, stream sediment and rock geochemical targets remained. The June program investigated these targets with prospecting and further sampling.

   The Stewart Creek, Two Sisters North and Two Sisters East targets are located in the southern portion of the property. The **Stewart Creek** till anomaly was considered to be a possible source for the Lottie float but it is part of an area of elevated copper in Barkerville rocks of the Mount Wiley area. The BCGS had a copper till anomaly on the Two Sisters Road on the east flank of the mountain. Additional sampling confirmed the anomalous result but it seems to very local with little size potential. On the north side of **Two Sisters Mountain** both tills and stream sediments from HBED work gave sporadic elevated multi-element results. More sampling in June gave similar values and felsic volcanic bedrock (with sporadic sulphides) was located in stream cuts. The assays are not very encouraging but this could conceivable be the eastward extension of bedrock geology at the Main Lottie grid. No additional work is recommended on any of these targets pending further results.

   In the central portion of the property the Stephanie copper target and grids #3, 4 and 6 were investigated. The **Stephanie anomaly** is a small drainage (500 m) that had multiple moss mats running 262-428 ppm copper. Rock exposure in the area is good and the area was well prospected in 2000 and 2001. It is concluded that the anomalous copper values are due to local elevated copper in the mafic volcanics and intrusives, perhaps from an intrusive-volcanic contact along the creek, with little or no potential for significant VMS mineralization. **Grids 3, 4 and 6** are airborne EM targets with follow-up ground geophysics. The three areas are all heavily overburden covered with virtually no bedrock exposure. Silts in 2001 gave background values and it is concluded that the flat lying EM conductors are due to conductive overburden.

   Prospecting and sampling of the **Boyce** copper geochemical anomaly in 2001 confirmed the earlier anomalous results. Minor bornite and malachite was seen in the rocks but the overall nature of the mineralization could not be determined. Further work is recommended. The area is difficult to access as the logging roads are overgrown. Recent logging on the backside of the ridge allows ATV access. If further prospecting is encouraging some recce lines should be cut and EM/ magnetics undertaken.

4. The drill results in 2000 on the **Main Lottie** grid were negative in that no significant sulphides were intersected but elevated manganese values at two locations indicated a prospective exhalative horizon may exist. Additional sampling in June 2001 of drill core and bedrock along the placer road confirmed the high manganese values. Manganese values of >20,000 ppm were obtained along a 6.6 metre stretch of the road and an 18.0 metre interval at the top of drill hole #2. The two locations are 850 metres apart but appear to be at the same stratigraphic position. An intervening drill hole was also sampled but seems to be located on the footwall side of the "exhalative horizon". The drill holes were targeted on EM conductors. As the collar of hole #2 is 120 metres directly upslope and up-ice of the copper-bearing trench this remains an area of interest. It is recommended that further trenching an/or drilling be undertaken in this 120 m. interval.

Gerald E. Bidwell, B.A., FGAC

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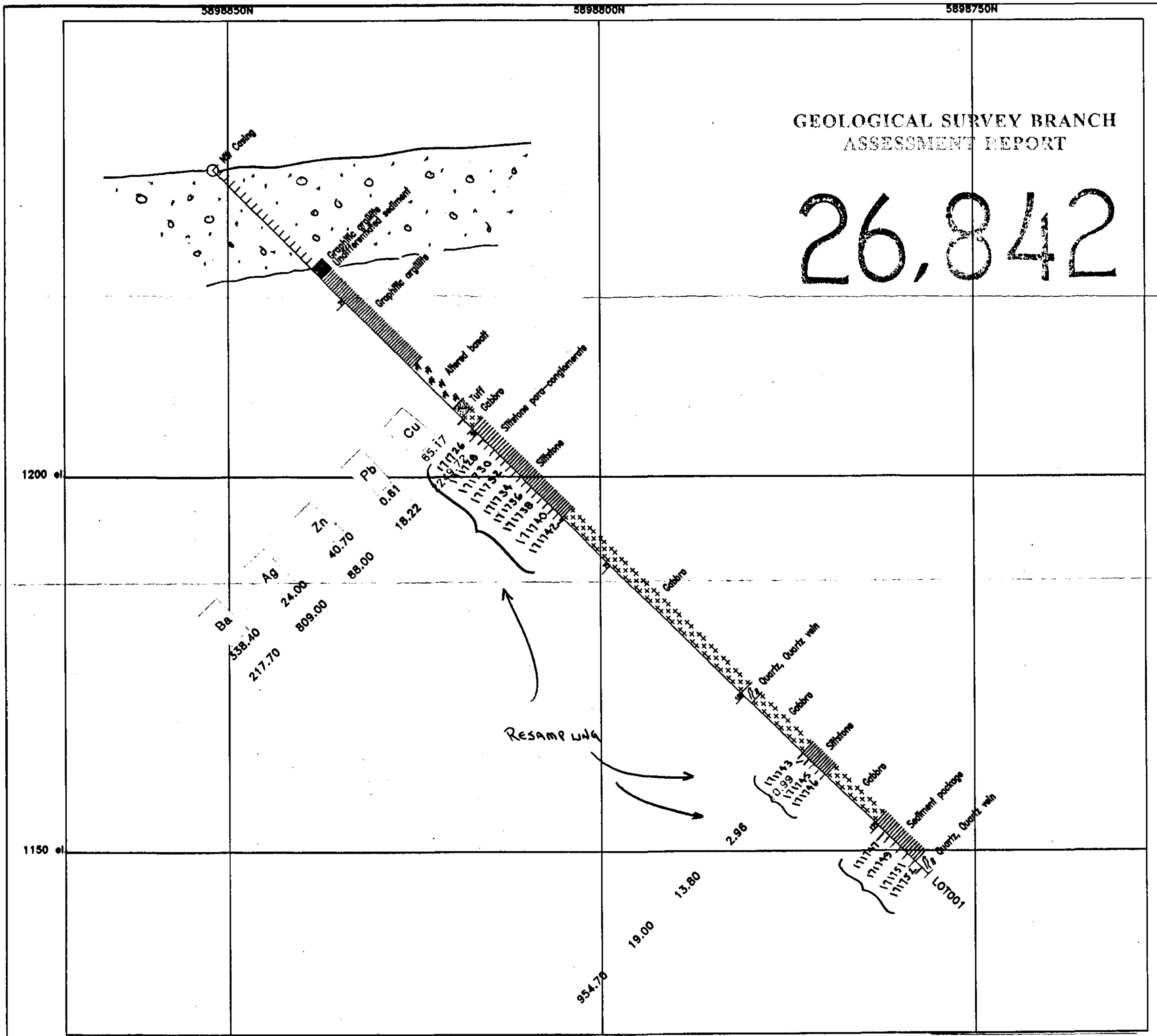

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LOTTIE DRILL SECTION #1 DDH LOT001	
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Scale: 1:500	File: LOT001.Dxf

(1) Figure 13a

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,842

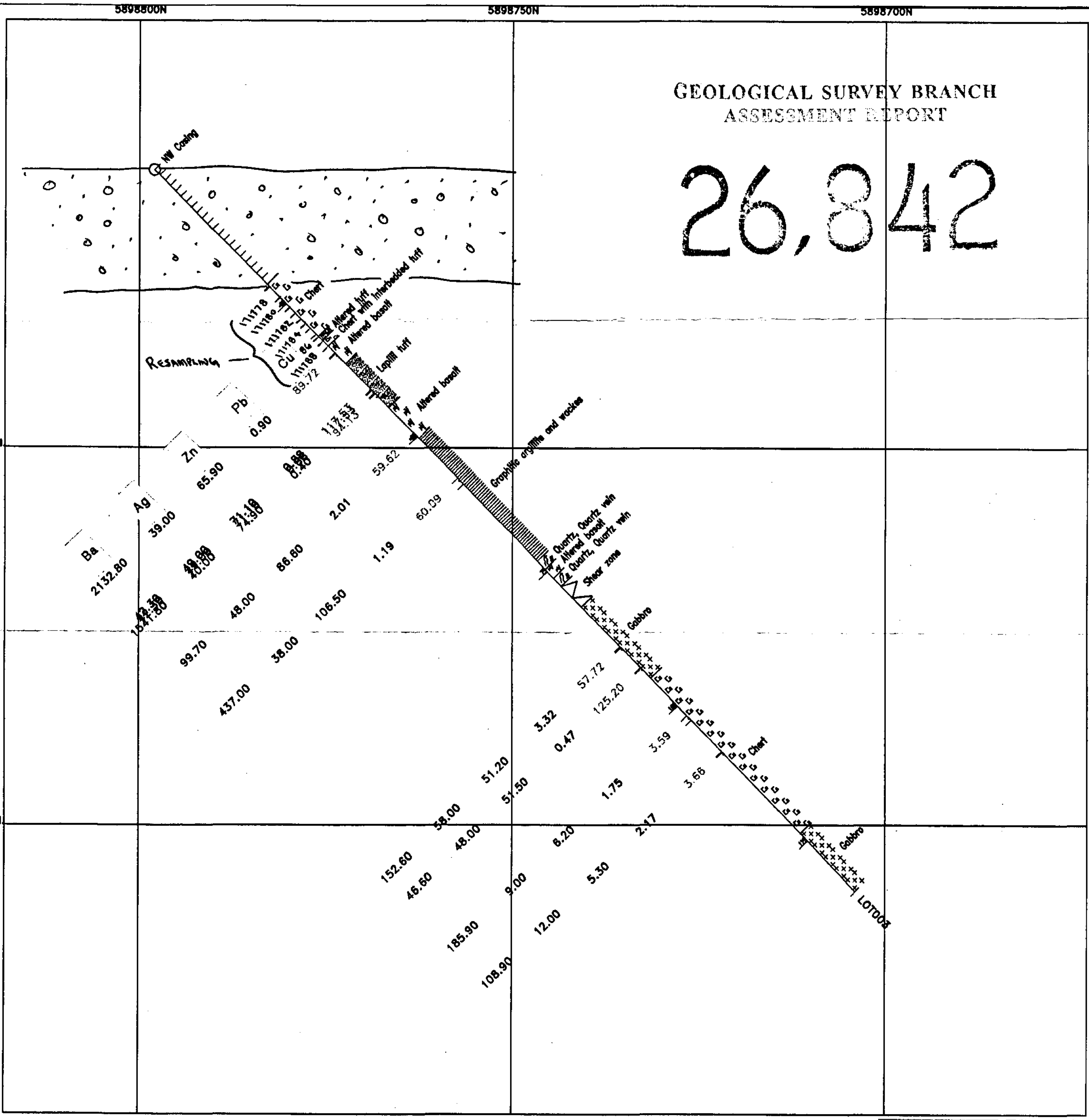
Figure 13b

EUREKA PROJECT	
Hudson Bay Exploration & Development Co. Ltd.	
Section: LOT004 + LOT002	
LOTTIE DRILL SECTION #2	
DDH LOT002 AND DDH LOT004	
Drawn by: GSM	Date: 26/03/2001
Scale: 1:500	File: LOT004 + LOT002.Dxf

(2)

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,842



EUREKA PROJECT

Hudson Bay Exploration & Development Co. Ltd.

Section: LOT003

LOTTIE DRILL SECTION #3

DDH LOT003

Drawn by: GSM	Date: 26/03/2001
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Figure 13c

(3)

IndianPoint Cr.
BRAVO 7
BRAVO 8
Grid 8
Grid 1
BRAVO 9
ALPHA 4
Slender Lake
Slender Cr.
Eighteen Mile Cr.
BRAVO 3
BRAVO 6
KAREN 6
KAREN 7
KAREN 5
KAREN 8
KAREN 1
KAREN 2
KAREN 4
KAREN 3
BRAVO 1
BRAVO 4
ALPHA 1
ALPHA 5
Grid 2
BRAVO 10
Boyce Cr.
BRAVO 2
BRAVO 5
ALPHA 2
Boyce
NORTH 3
NORTH 4
NORTH 7
NORTH 8
BOW 19
BOW 12
NORTH 1
NORTH 2
NORTH 5
NORTH 6
BOW 18
BOW 17
Trapper Cr.
BOW 13
ALPHA 6
Fourteen Mile Cr.
Grid D
RON 1
RON 2
RON 3
RON 4
ALPHA 3
BOWRON 3
BOWRON 4
BOWRON 1
BOWRON 2
BOW 8
BOW 1
Grid RD
BOW 11
Fourteen Mile Lake
BOW 14
Grid RC
BOW 9
Grid C
BOW 10
Grid B
BOW 2
Grid RB
Grid 3
BOW 3
Grid 4
Craze Cr.
BOW 15
Bowron River
CHARLIE 1
BOW 4
Grid RA
BOW 5
Stephanie Cr.
Antler Grid
Grid 5
Grid A
BOW 16
Grid 6
BRAVO 12
CHARLIE 2
BOW 6
BOW 7
Towkuh Lake
Towkuh Cr.
BOW 21
BOW 22
BOW 23
BOW 24
BOW 26
BOW 27
BOW 20
BOW 25
CHARLIE 5
Stephanie
CHARLIE 3
CHARLIE 4
LOT 11
LOT 12
Ketcham Cr.
LOT 13
BRAVO 11
24K Rd.
Ketchum Cr.
LOT 9
LOT 10
LOT 14
Ketcham Grid
Ketchum Cr.
West Cr.
LOTT A
LOTT B
LOTT C
LOTT D
LOTT E
LOTT F
LOTT G
LOTT H
LOTT 1
LOTT 3
Westpass Grid
LOT 3
Westpass Lake
LOT 4
LOT 5
LOT 6
LOTT 2
Lottie Lake
LOTTIE 1
LOTTIE 4
LOT 2
Placer Road
Main Lottie Grid
Lottie Cr.
LOT 7
Two Sisters North
Big Valley Cr
Lottie Grid
LOTTIE 3
South Lottie Grid
Two Sisters Mountain
LOT 8
Two Sisters East
24A Rd.
DDH-01
DDH-02
LOT 1
LOTTIE 2
Hobo Gulch
Summit Cr.
Yuzkli Lake
Sugar Cr.
Two Bit Cr.
Mustang Cr.
Stewart Target
Stewart Cr.
Wiley Cr.
Big Valley Cr.
Two Sisters Cr.
Legend
Claim Post (Located by GPS)
Other Claims
Eureka Claim Boundary (Definite)
Eureka Claim Boundary (Indefinite)
Grids
Existing Roads
Proposed Roads
Contours
Streams
Reserves (No staking)
Lakes
Mt Wiley
Copper Cr.
Stephen Gulch
Cafe Cr.
Hardscrabble Mtn.
9 Mile Lake
Summit Cr.
Meters
Tom Mtn
HUDSON BAY
An Anglo American plc Company
Hardscrabble Cr.
Cornish Lake
Slide Mtn
Hudson Bay Exploration & Development Co. Ltd.
Eureka Project
PROPERTY MAP
8 Mile Lake
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
26,842
Tom Cr.
Shepherd Cr.
Downey Cr.
Cornish Mtn
Mt Murray
Mugford Gulch
Drafted by: T. C. Heaton / R. Fenton
Compiled by: G.Bidwell
Projection: UTM Zone 10 NAD83
NTS: 093H
Figure 4
File:
Date: January 2001
Scale: 1 : 25,000

Appendix I

Lottie Project Geophysical Report

SJ Geophysics

PRELIMINARY GEOPHYSICAL REPORT

HORIZONTAL LOOP EM

and

MAGNETIC SURVEY

LOTTIE PROJECT

Grid-1, Grid-2, Grid-8,

Lottie Main and Lottie South Grids

Cariboo Mining Division, N.T.S. 93H/4

Approx. 5898700N, 5932300E, Zone 10, NAD83
British Columbia, Canada

EUREKA RESOURCES INC.

Vancouver, BC

Canada

Survey by

SJ GEOPHYSICS LTD.

Report by
Syd Visser P.Geo, Geophysicist
S.J.V. CONSULTANTS LTD.

July, 2001

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Plate G5E	MAGNETIC AND HLEM SURVEY, Lottie South Grid Total Field Intensity (nT) Colour In-phase profiles
Plate G5F	Compilation, Lottie South Grid

1. SUMMARY

A Horizontal Loop EM Survey was undertaken on behalf of Eureka Resources Inc. on three 4 small grids (Grid 1, Grid 2, Grid 8 and Lottie South). Two short detail lines of HLEM were completed on the Lottie Main. A magnetic survey was completed on Grid 1, Grid 8 and part of Lottie South.

The HLEM conductors located on grid-1 and grid-8 are believed to be lithological or overburden conductor's whereas the very good conductor on the Lottie South may be a more discrete conductor. There does not appear to be any direct correlation between the magnetic anomalies and the HLEM on grids 1 and 8 but on the Lottie South property the HLEM conductors appear to be related to magnetic contacts.

2. INTRODUCTION

This report describes the results of a ground geophysical exploration program that was undertaken during the period June 21 to July 2, 2001 on the Lottie Project. The purpose of the survey was to detect conductive sulphide mineralization. A frequency domain horizontal loop electromagnetic survey (HLEM) and magnetic survey was carried out to evaluate a limited region of the Lottie property.

The survey was conducted under supervision of Jerry Bidwell, geologist, Eureka Resources and Warner Gruenwald, geologist, Geoquest Consulting Ltd. The survey area is located about 15 km north-west of Wells, B.C. The property is accessible by following Highway 26 approximately 26 km west of Wells, then about 27 km north by logging road called 2400 road (or Kechum Creek road) and then about 23 km to the east by logging road 24A.

This report is meant to be an addendum to a more complete report, and thus location maps and comprehensive descriptions of geology and previous exploration work are treated only briefly, or not included.

3. FIELD WORK AND INSTRUMENTATION

The geophysical survey was conducted from June 21 to July 2, 2001, which included two mob-demob days and ten production days. The geophysical crew consisted of Kevin Gerlitz, geophysicist and Pavel Dubchuk, geophysicist, both employees of SJ Geophysics Ltd.

A discussion of the geophysical methods used on this survey is included in Section 5, "HLEM Technique" and "Magnetic Technique."

The survey grid was prepared by Eureka Resources personnel.

The HLEM equipment used was an APEX MAX-MIN I-10 horizontal loop EM system with MMC data logger. A 100 metre coil separation was used for the main part of the survey and the data from four frequencies was recorded; 220Hz, 880Hz, 3520Hz and 7040Hz. Two short detail lines were surveyed on the Lottie Main grid using a 50m cable.

Slope data was collected at each station using a clinometer and GPS data was collected at the end points of each line using a handheld (Garmin Etrex) GPS system. The clinometer data along with the GPS locations were used to calculate an approximate location, including elevation, of individual stations on the grid. The clinometer data was also entered into the HLEM, MMC data collector, during the survey to allow the operator to adjust the coil angle and distance of the HLEM system during the reading.

The HLEM data was gathered at 25 (12.5m for detail) metre station intervals. All of the magnetic data was collected at 12.5m station interval. All data was downloaded daily from the field instrumentation to a computer and processed using Geopak Systems software.

4. Data Presentation

The geophysical data from this survey are displayed in a number of formats, as indicated below. All data are relatively positioned from averages of UTM measurements (NAD 83, Zone 10) made using a hand held GPS unit. (Accuracy is approximately +/- 30 m). The topography contours shown on all the maps were calculated from clinometer shots. All maps are at a scale of 1:5,000.

4.1 Stacked Profiles

The in-phase and quadrature components of the HLEM data and the magnetic data are presented as stacked profiles on separate maps. The scales of the profiles are shown on each map and are not consistent between grids due to a large variation in amplitude of the data between grids. The contours of the calculated topography are shown on each map.

4.2 Colour Magnetic Contour Maps

The magnetic data was also plotted as colour contour maps on the grids1, 8 and Lottie South.

4.3 Interpretation Plan Map Contour Maps

The compilation Plan Maps were made to highlight the general trends of the HLEM conductors. The conductors were overlain on a coloured magnetic map to show the correlation with the magnetics. The colour intensity of the magnetic data was subdued to more clearly show the HLEM compilation.

5. GEOPHYSICAL TECHNIQUES

5.1 HLEM Technique

The basic principle behind HLEM surveying is that conductive rocks in the subsurface can be excited electrically by an applying a time varying electromagnetic field at the surface. In the Max-Min I-10 horizontal loop system, the oscillating primary field is transmitted by a coil at selected frequencies between 110 Hz and 56320 Hz.

The primary field induces a secondary field in the ground as well as any conductive "target." The receiver system detects a combination of the secondary field and the primary field. The secondary field, however, is quite small compared to the primary field so it is necessary to account for the primary field by means of a reference signal from the transmitter.

The reference signal also serves to make it possible to resolve the secondary field into two components: the in-phase (real) and out-of-phase (imaginary or quadrature). The relative strengths of in-phase and out-of-phase components are a guide to the conductivity-width product (also called conductance) of the buried conductor, which is normally related to the quantity of the conductive minerals present.

The strength of the secondary field is dependent on the size and conductance of the conductor, as well as the response from the host rocks and overburden.

The separation distance between the transmitter and receiver coils approximately determines the depth of penetration of the electromagnetic signal. The choice of coil separation is dependent on the depth of the overburden (if known) or the desired depth of penetration, or both. The midpoint between transmitting and receiving coils is taken as the measuring point.

Measurement of the strength, character, and distribution of the secondary field also permits mapping of conductive formations and tells something about their size and spatial distribution.

5.2 Magnetic Technique

Total Magnetic Intensity measurements are taken along survey traverses (normally on a regular grid) and are used to identify metallic mineralization that is related to magnetic materials (normally magnetite and/or pyrrhotite). Magnetic data are also used as a mapping tool to distinguish rock types, identify faults, bedding, structure and alteration zones.

6. INTERPRETATION

Grid 1

Grid 1 which consists of 13 grid lines and 3 base lines that started at the Bowron River, was surveyed by both HLEM and magnetic. The data and compilation is shown on plated G1A to G1F. Because it was not possible to survey across the river there is a rather large gap in the middle of the survey area. The gap in the survey data along with possible conductive clays in the river valley makes the interpretation of the HLEM data very difficult.

The compilation of the HLEM conductivity contacts and conductive zone were plotted on the colour magnetic and topographic contour map as shown on plate G1F. The conductivity contact that extends from the northwestern part of the survey grid to the central part of the grid closely follows topography therefore this contact is likely due to a conductive clay layer that is butting up against the hill. This contact also appears to approximately follow a change in magnetic intensity (background response) likely due to the thickening of the overburden.

The wide large conductive zone in the southeastern part of the survey grid is likely due to a weakly conductive layer in the sediments or a more conductive block. This zone appears to extend into the river. The relationship to the magnetics on the northern contact for this block is not clear. If the conductive zone is a thin layer then the magnetic response is likely due to something under the thin layer and not directly related to the conductive zone.

There is a second conductive zone located directly north of the river on the western part of the survey grid. Because of the stronger response it does not appear to be a part of the first conductive zone. If there is considerable depth of overburden in this region I would suspect it is due to abrupt changes in the conductivity of the overburden since it is a very shallow response. If there is not a significant amount of overburden here then it would require more detailing HLEM and other follow-up work. There is no magnetic signature associated with this response.

Grid 2

Grid 2 consisted of two lines on the west side of the Bowron River and one line on the east side. The grid is located about one Km south of grid 1. There were no significant anomalies located on this survey grid as shown on the profile maps G2A and G2B.

No magnetic data collected on this grid.

Grid-8

Grid 8 consists of 3 lines located a few Km west of grid 1. The south part of the grid crosses a fairly deep but small creek and follows a gentle slope to the north. The data is plotted as plates G3A to G3F.

All of the anomalies, as shown on plate G3F, in this area appear to be due to relatively flat lying conductive layers. The anomalies in the southern part of the grid appear to correlate directly to topography suggesting that they are either clay layers or flat laying sediments outcropping on the river banks. The conductive zone on the northern edge of the creek appears to continue to the northern end at about 800N. Some of the additional conductors noted could be edge effects due to fault zones.

The magnetic anomaly appears to have a sharp contact on the northern edge and is dipping shallowly to the south. It is possible that it is sitting on top of the conductive zones. I am not aware of what the dips of the rocks are in this area which could help in the interpretation.

A number of old trenches were noticed on the survey grid during the line cutting and the geophysics survey. From what little is know about the exact location of these old trenches this may correlate to the conductive contacts on the grid north of the creek.

Lottie Main (detail)

Two lines, 400E and 800E were detailed on the Lottie Main grid using a 50m coil separation. The purpose of this survey was to determine if the conductors noted on the previous survey were from two discrete conductors or due to edges from a conductive layer or block.

The data from line 800E indicates the conductors or conductive zone seen with the 100m coil separation is likely deeper than 25m therefore there is no significant response from the 50m cable. On line 800E there are two weak responses: one at 125S and a second at 187S. This indicates that the top of the conductor is likely broken up or weathered therefore the conductivity of the conductor near surface is very weak. This is also seen in the 100m cable data where the locations of the response from the quadrature is significantly different than the response from the inphase. The best part of conductor appears to be located at 200S and must be at least 25m deep.

Lottie South

The Lottie South grid (plates G5A to G5F) consists of 5 lines located directly south of the Lottie Main grid. The purpose of the survey was to confirm an anomaly picked up at the end of a line surveyed, along a road, in the previous program. During the current program the old line was extended and two lines were cut to test this anomaly. Two more lines (not cut but flagged) were added after the anomaly was confirmed. Magnetics was only run on two lines due to lack of time.

The HLEM indicated 4 anomalous zones as shown on plate G5F. The main and strongest conductive zone strikes across the grid from about 1800S on line 700E to about 100S on line 300E and is open in both the east and west directions. This conductor, which is approximately 100m wide, increases in conductivity along its width from the south to the north with a very strong conductivity zone located on the northern edge. Because of the multiple conductors in this area it is extremely difficult to determine the dips of these conductors. There is some indication that the conductor is dipping steeply to the north. The conductor appears to be associated with a magnetic and likely geological contact with slightly elevated magnetic response to the south. Only two lines were completed with the magnetic survey therefore it is difficult to compile a good correlation between the magnetic and HLEM.

The second narrow, medium strength conductor strikes across lines 700E to 500E at about 1900S and is open to the east. Again due to the effect of the more northern conductor and the proximity to the end of the lines it is difficult to determine the dip of this conductor. This conductor appears to be associated with a magnetic low and therefore could be due to a conductive fault or shear zone.

The other two conductors shown on the compilation map are very weak and may be related to lithological contacts. The northeastern weak conductor appears to be associated with a magnetic and likely geological contact with elevated magnetic response to the north.

The high amplitude response of the HLEM to these conductors indicates that the depths to top for all of these conductors are very shallow. Because of this shallow depth to top it may be more cost effective to trench these conductors than to drill them. A detail prospecting, surface geology and a geochemical survey may indicate if this conductor could be due to economic sulphides.

7. CONCLUSIONS & RECOMMENDATIONS

Grid 1

The correlation between the magnetic anomaly and the northern contact conductor block located in the southeastern part of the grid should be investigated.

If there is a significant thickness of overburden in the western part of the grid near the river then the conductors in this area are likely due to conductive clays If there is no significant overburden then these anomalies should be detailed.

Grid 2

No further work is recommended.

Grid 8

Although the medium strength conductors noted on this grid are likely due to a conductive layer, these conductors should be checked with detailed geology and geochem. The old trenches in this area should be correlated to the HLEM data and possibly reopened. Dip information in this area would help with determining the correlation between the magnetic anomaly and the HLEM.

Lottie Main

No further detail (50m cable) HLEM is recommend on this grid since the conductors do not appear to be very conductive near surface. If more detailed work is to be done then it is recommended to do a large loop time domain EM survey.

Lottie South

It is recommend to correlate these conductors closely with and geology and geochem. The depths to top of the main conductor are very shallow and quite possibly within reach of trending or very detailed prospecting. A large loop time domain EM survey would give a better indication of the depth extent and dip of these conductors.

Summary

It is recommended to do geological and geochem follow up on Grid 1 and Grid 8 although it is believed that the conductors on these grids are lilhological.

The Lottie South should be follow up with geological, geochemical and possibly trenching and drilling.

I believe that the dip and especially depth extent of the conductors on the Lottie Main, Lottie South and Grid 8 could be better determined with a detailed large loop time domain EM survey such as UTEM.

Respectfully submitted,
Per S.J.V. Consultants Ltd.

PROFESSIONAL
PROVINCE OF
S. J. VISSER
BRITISH COLUMBIA
GEOSCIENTIST

Date Signed: Aug 16, 2001

Syd Visser, P.Geo.
Geophysicist, Geologist

APPENDIX I

Statement of Qualifications – Syd Visser

I, Syd J. Visser, of 11762 - 94th Avenue, Delta, British Columbia, hereby certify that,

1) I am a graduate from the University of British Columbia, 1981, where I obtained a B.Sc. (Hon.) Degree in Geology and Geophysics.
2) I am a graduate from Haileybury School of Mines, 1971.
3) I have been engaged in mining exploration since 1968.
4) I am a professional Geoscientist registered in British Columbia.

PROFESSIONAL PROVINCE OF S. J. VISSER BRITISH COLUMBIA GEOSCIENTIST

Signed by: ______________________

Date: Aug 16/01

APPENDIX II

MaxMin I-10 Electromagnetic System Specifications

FREQUENCIES:	110, 220, 440, 880, 1760, 3520, 7040, 14080, 28160 and 56320 Hz.
COIL SEPARATIONS:	SET NO.1: 12.5. 25, 50, 75, 100, 125, 150, 200, 250, 300 and 400 metres (the standard set). SET NO. 2: 10, 20, 40, 60, 80. 100, 120, 160. 200. 240 and 320 metres (selected with grid switch in receiver). SET NO.3: 50, 100, 200, 300, 400, 500, 600, 800, 1000, 1200 and 1600 feet (selected with grid switch in receiver).
TRANSMITTER DIPOLE MOMENTS:	110 Hz: 200 Atm2; 14080 Hz: 20 Atm2 3520 Hz: 80 Atm2; 880 Hz: 140 Atm2 20 Hz: 190 Atm2; 28160 Hz: 10 Atm2 7040 Hz: 40 Atm2; 1760Hz: 110 Atm2 440 Hz: 170 Atm2; 56320 Hz: 5 Atm2
MODES OF OPERATION:	MAX 1: Horizontal loop or slingram - transmitter and receiver coil planes horizontal and coplanar. MAX 2: Vertical coplanar loop mode - transmitter and receiver coil planes vertical and coplanar. MIN 1: Perpendicular mode 1 - transmitter coil plane horizontal and receiver coil plane vertical. MIN 2: Perpendicular mode 2 - transmitter coil plane vertical and receiver coil plane horizontal
PARAMETERS MEASURED:	In-phase and quadrature components of the secondary magnetic field, in % of primary field.
READOUTS:	Analog direct edgewise meter readouts for in-phase, quadrature and tilt. Additional digital LCD readouts provided in the optional MMC computer. Interfacing and controls are provided for ready plug-in of the MMC
RANGES OF READOUTS:	Switch activated analog in-phase and quadrature scales: 0±4%,0±20% and 0±100%, and digital 0±99.9 % autorange with optional MMC. Analog tilt 0±75% and 0±99% grade with MMC.
RESOLUTION:	Analog in-phase and quadrature 0.1 to 1 % of primary field, depending on scale used, digital 0.01 % with autoranging MMC; tilt 1 % grade.
REPEATABILITY:	0.01 to 1 % of primary field, typical, depending on frequency, coil separation and conditions.
SIGNAL FILTERING:	Powerline comb filter, continuous spheric noise clipping, autoadjusting time constant, and more.
WARNING LIGHTS:	Receiver signal and reference warning lights to indicate potential error conditions.
SURVEY DEPTH PENETRATION:	From surface down to 1.5 times coil separation for large horizontal target and 0./5 times coil separation for large vertical target, values typical.

REFERENCE CABLE:	Lightweight unshielded 4/2 conductor teflon cable for maximum operating temperature range and for minimum pulling friction
INTERCOM:	Voice communication link provided for operators via the reference cable.
TEMPERATURE RANGE:	Minus 30 to plus 60 degrees Celsius, operating.
RECEIVER BATTERIES:	Four standard 9 V - 0.6 Ah alkaline batteries. Life 25 hours continuous duty, less in cold weather. Optional 1.2 Ah extended life lithium batteries available (recommended for very cold weather).
TRANSMITTER BATTERIES:	Standard rechargeable gel-type lead-acid 6 V -28 Ah batteries (4 x 6 V - 7.2 Ah) in nylon belt pack. Optionally rechargeable long life 6 V - 28 Ah nickel-cadmium batteries (20 x 1.2 V - 7 Ah) with ni-cad chargers - best choice for cold climates.
TRANSMITTER BATTERY CHARGERS:	Lead acid battery charger: 7.3 V @ 2.8 A, Ni-cad battery charger: 2.8 A @ 8 V nominal output. Operation from 110-120 and 220-240 VAC, 50-60 Hz, and 12.15 VDC supplies.
RECEIVER WEIGHT:	8 Kg carrying weight (including the two ferrite cored antenna coils), 9 Kg with MMC computer.
TRANSMITTER WEIGHT:	16 Kg carrying weight.
SHIPPING WEIGHT:	60 Kg plus weight of reference cables at 3 Kg per 100 metre, plus optional items if any. Shipped in two aluminum lined field / shipping cases.
STANDARD SPARES:	Spare transmitter battery pack, spare transmitter battery charger, two spare transmitter retractile connecting cords, spare set of receiver batteries
OPTIONS AND ACCESSORIES, PLEASE SPECIFY:	•MMC, MaxMin Computer option • Data interpretation and presentation programs • Reference cables, lengths as required • Reference cable extension adapter • Handheld inclinometer for rough terrain • Receiver extended life lithium batteries • Transmitter ni-cad battery & charger option • Minimal, regular or extended spare parts kit

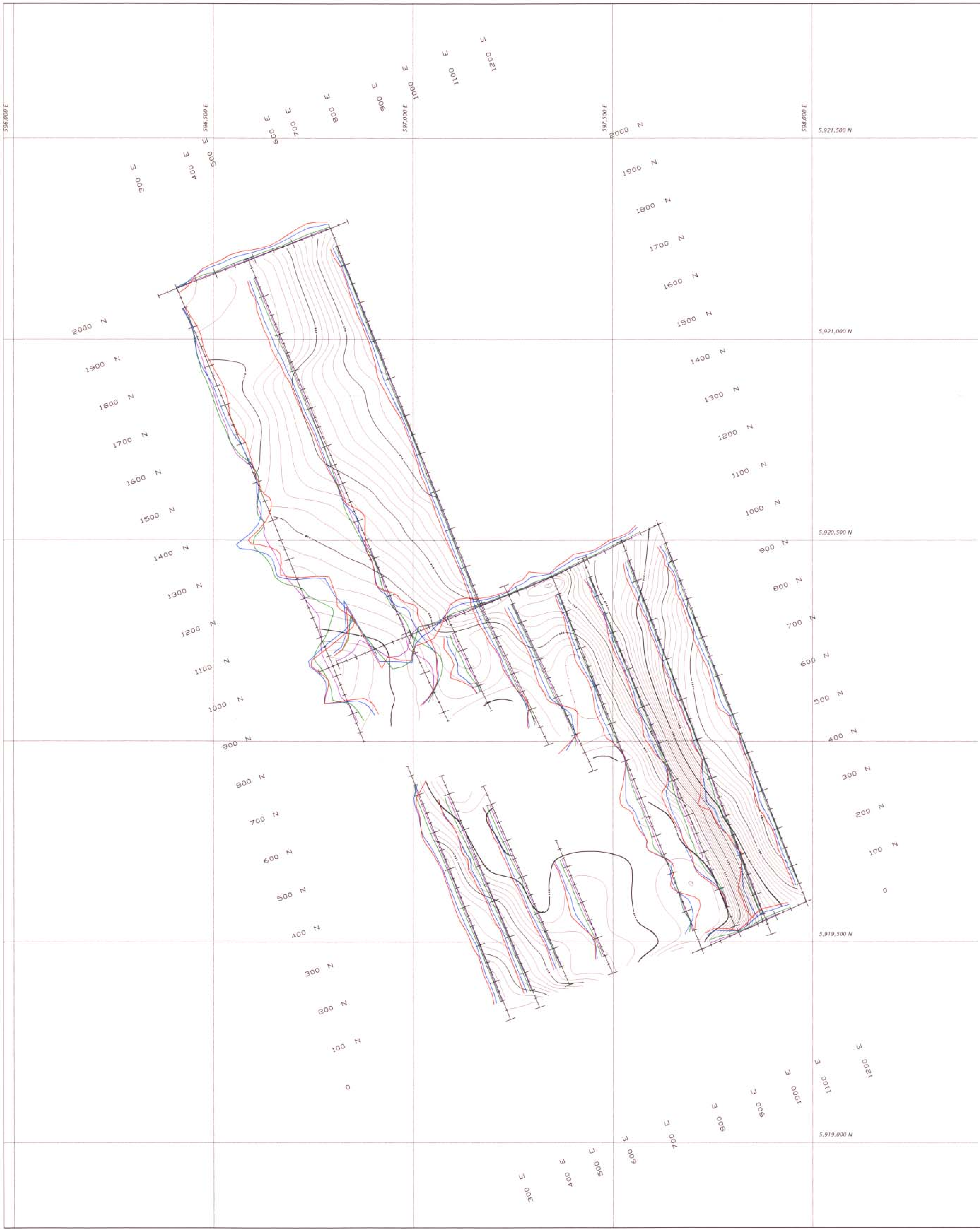
APPENDIX III

GSM-19 MAGNETOMETER / GRADIOMETER

Resolution:	0.01 nT, magnetic field and gradient.	
Accuracy:	0.2 nT over operating range.	
Gradient Tolerance:	up to 5000 nT/metre.	
Operating Interval:	4 seconds minimum, faster optional.	
Reading:	Initiated by keyboard depression, external trigger or carriage return via RS-232C.	
Input/Output:	6 Pin weatherproof connector, RS-232C, and optional analog output	
Power Requirements:	12v 300 mA peak (during polarization), 35 mA standby, 600 mA peak in gradiometer	
Power Source:	Internal 12v, 1.9ah sealed lead-acid battery standard, other optional External 12v power source can be used.	
Battery Charger:	Input: 110/220 VAC, 50/60 Hz and/or 12VDC. Output: 12v dual level charging.	
Operating Ranges Temperature:	-40o C to +600 C	
Battery Voltage:	10v min. to 15v max.	
Dimensions:	Console:	223 x 69 x 240 mm.
	Sensor staff:	4 x 450 mm sections.
	Sensor:	170 x 71 mm diameter.
Weights:	Console:	2.1 kg
	Staff:	0.9 kg.
	Sensor:	1.1 kg each.

GSM-19 VLF

Frequency Range:	15 - 30 kHz in 0.1 kHz steps.
Parameters measured:	Vertical In-Phase and Out-of-Phase components as percentage of total field. 2 components of horizontal field.
Resolution:	0.5%.
Number of Stations:	Up to 3 at a time.
Storage:	Automatic with time, coordinates, magnetic field/gradient, slope, frequency, in- and out-of-phase vertical and both horizontal components for each selected station.
Terrain Slope Range:	0 - 90 (entered manually).
Sensor Dimensions:	14 x 15 x 9 cm(5.5 x 6 x 3").
Sensor Weight:	1.0 kg (2.2 lb).



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

Quadrature Profiles

Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

Lottie Project - Grid 1

HLEM Survey
Quadrature Profiles

Location:	Cariboo M.D.	Map Sheet:	NTS 93H/4
Plot Date:	Jul 2001	Datum:	NAD 83
Data Date:		UTM Zone:	10

SJ Geophysics Ltd. (5) Plate: G1A

LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

In-phase Profiles

Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

26,842

Map North is UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

Lottie Project - Grid 1

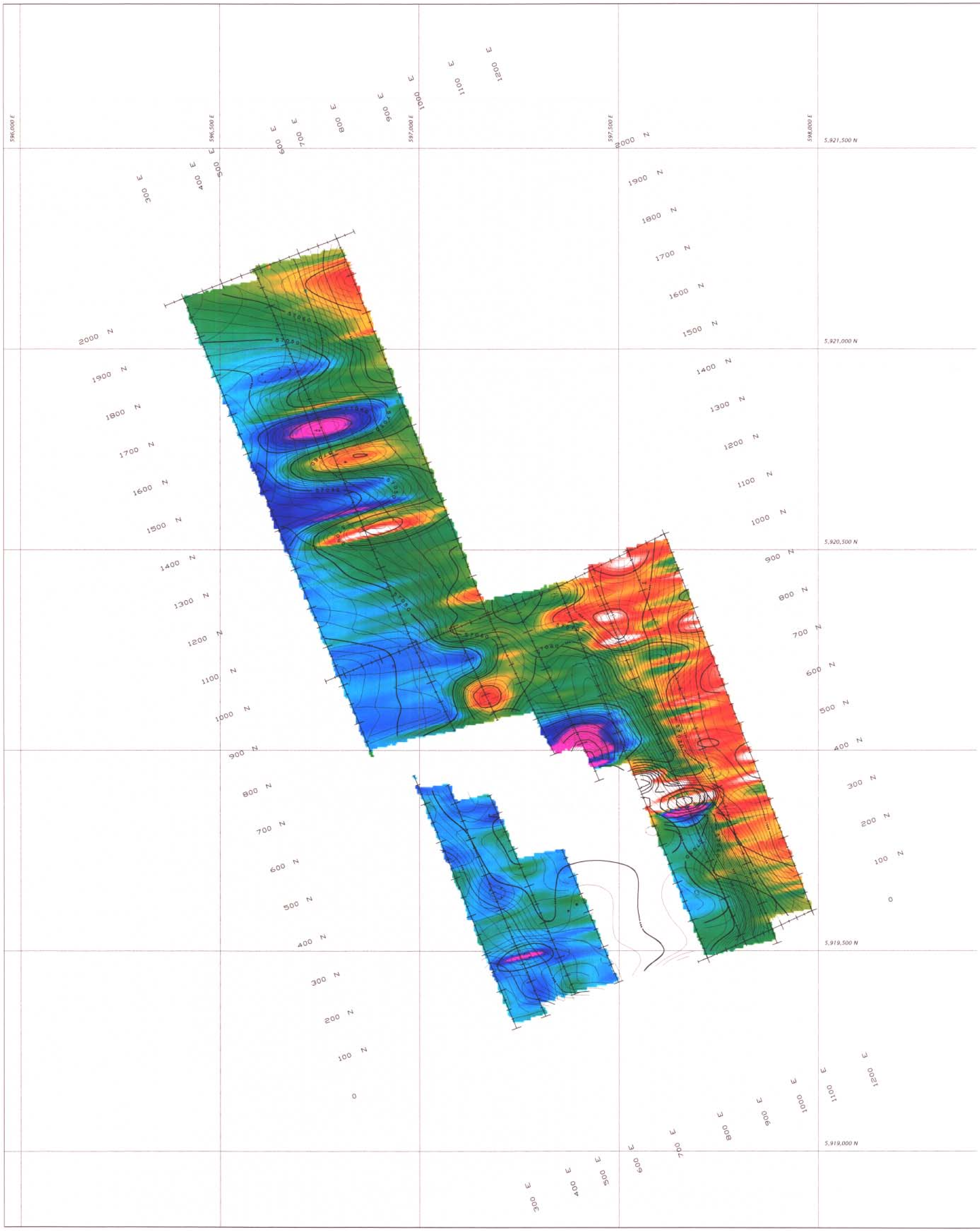
HLEM Survey
In-phase Profiles

Location: Cariboo M.D. | Map Sheet: NTS 93H/4
Plot Date: Jul 2001 | Datum: NAD 83
Data Date: | UTM Zone: 10

SJ Geophysics Ltd.

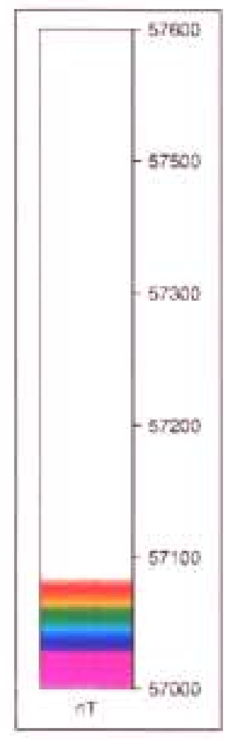
(6)

Plate: G1B



LEGEND

Colour Scale (nT)



Instrumentation:

Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Spacing: 12.5 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,842

Map North is
UTM Grid North

Eureka Resources Inc.

Lottie Project - Grid 1

Magnetic Survey

Total Field Intensity (nT)
Colour Contour Map

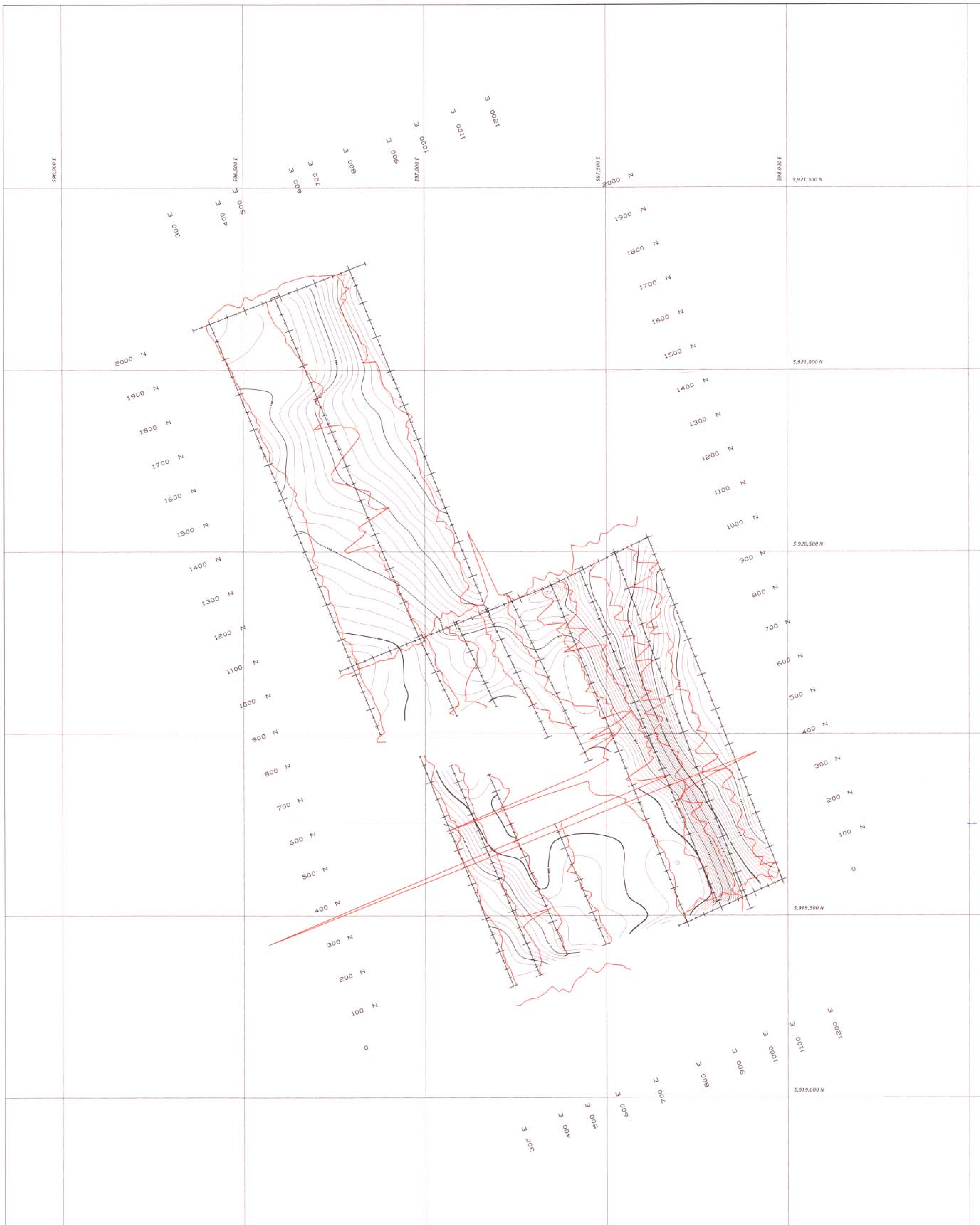
Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd.

7

Plate: G1C



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

Total Field Magnetic Profiles

Instrumentation:

Equipment: GEM Systems GSM 19
Overhauser effect magnetometer/gradiometer
Station Spacing: 12.5 m

Map North is
UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

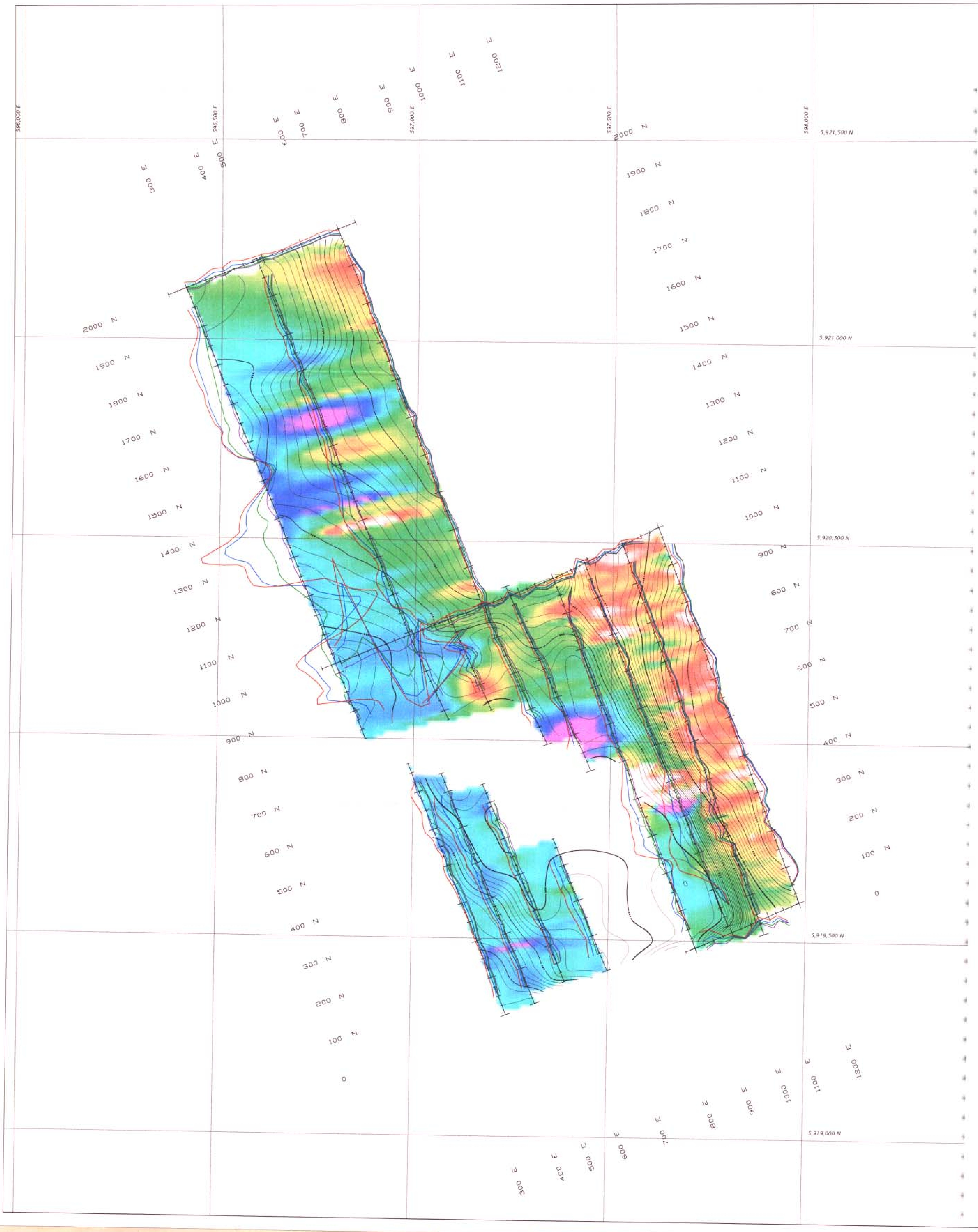
Lottie Project - Grid 1

Magnetic Survey

Total Field Intensity (nT)
Stacked Profile Map

Location:	Cariboo M.D.	Map Sheet:	NTS 93H/4
Plot Date:	Jul 2001	Datum:	NAD 83
Data Date:		UTM Zone:	10

SJ Geophysics Ltd. (8) Plate: G1D



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

Colour Scale (nT)

57600
57500
57300
57200
57100
57000
nT

In-phase Profiles

Instrumentation:

Equipment: GEM Systems GSM 19
Overhauser effect magnetometer/gradiometer
Station Spacing: 12.5 m

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max I (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is
UTM Grid North

50 0 50 100 150
metres

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Eureka Resources Inc.

Lottie Project - Grid 1

Magnetic & HLEM Survey

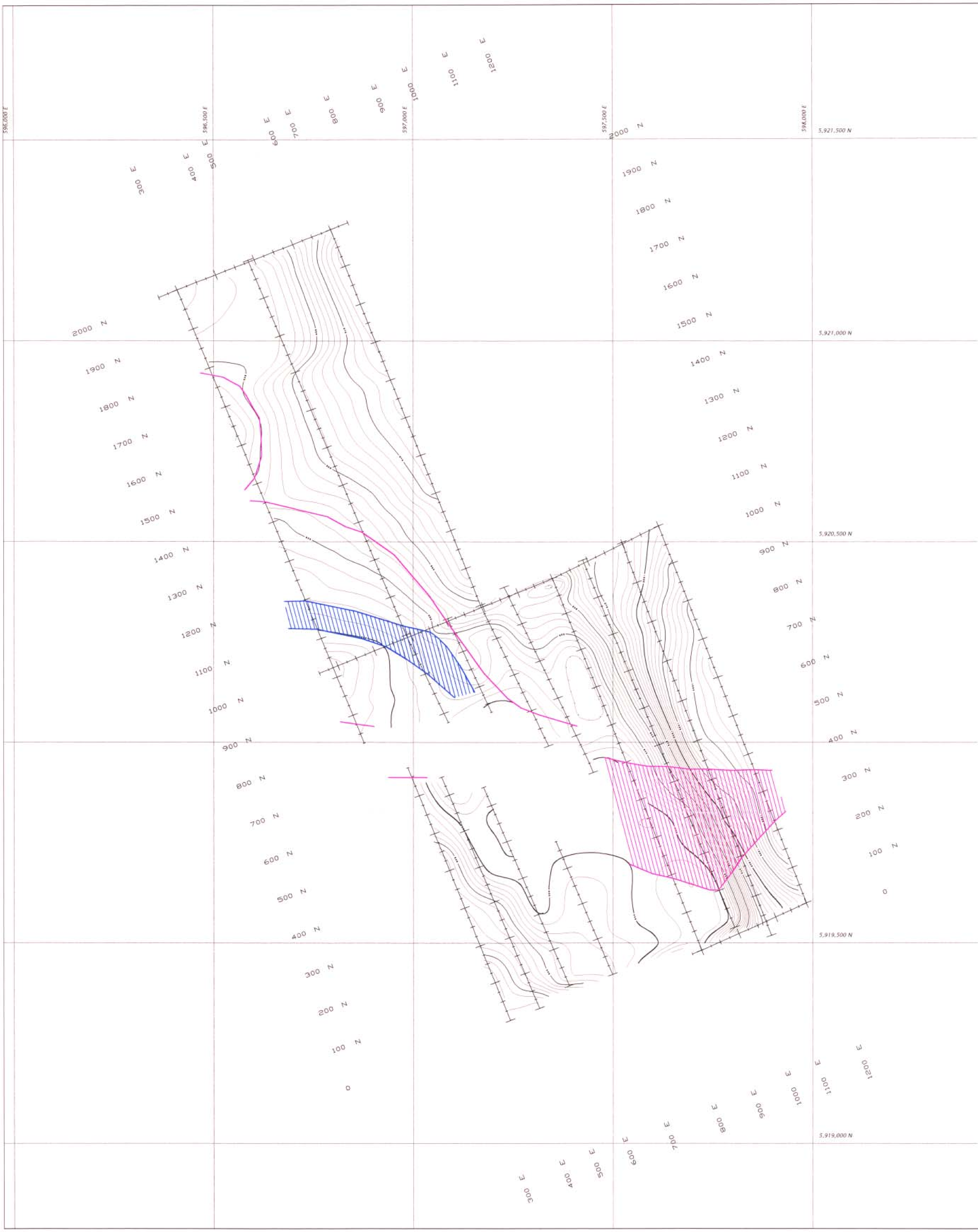
Total Field Intensity (nT) Colour
In-phase Profiles

Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:
Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd.

(9)

Plate: G1E



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

conductivity contact

conductivity zone

conductivity zone (different zone)

Instrumentation:

Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Spacing: 12.5 m

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

Lottie Project - Grid 1

Magnetic & HLEM Survey

Compilation Map

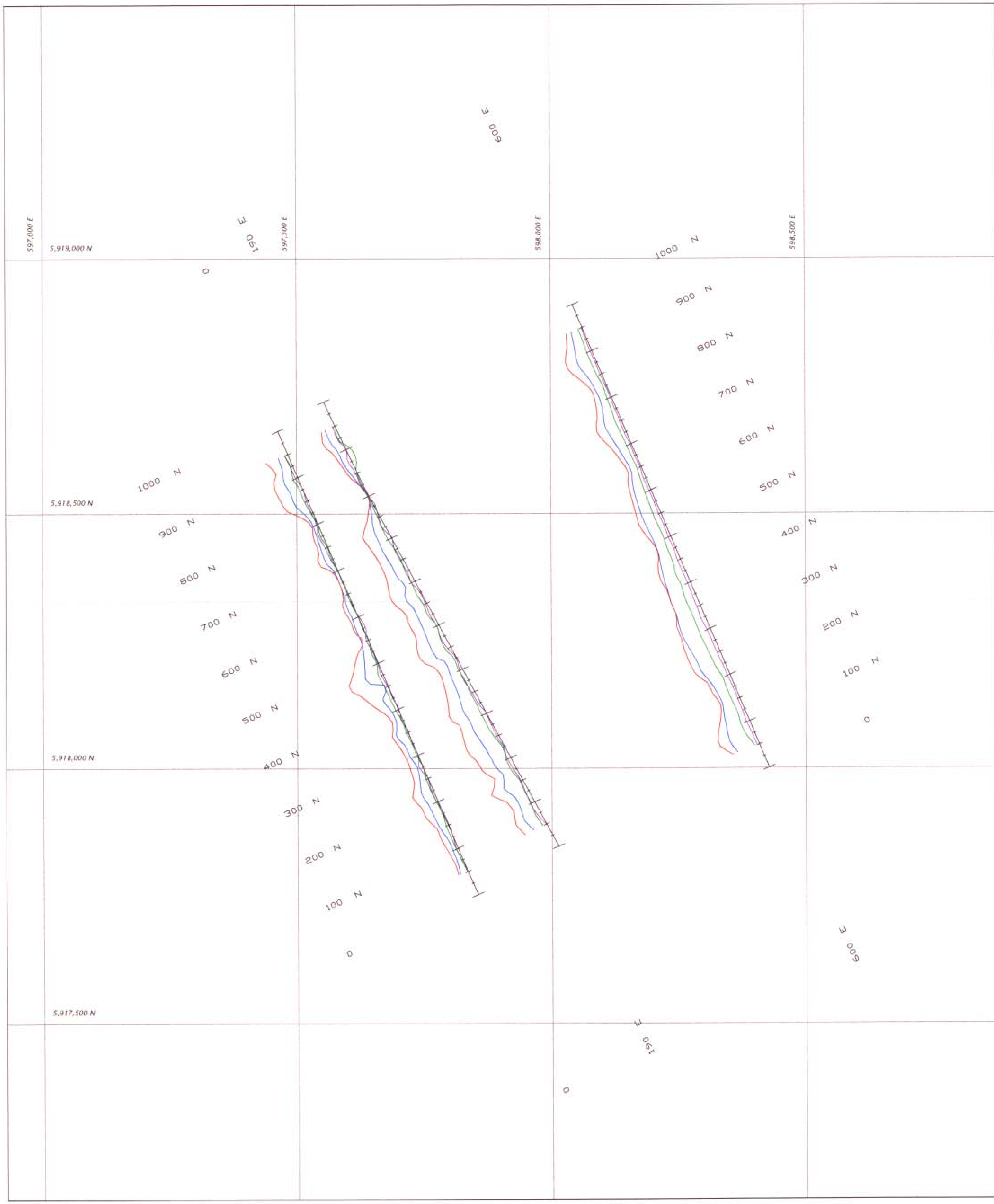
Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd.

(10)

Plate: G1F



LEGEND

Quadrature Profiles

Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max I (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

UTM Grid North
Map North is

50 0 50 100 150
metres

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Lottie Project - Grid 2

HLEM Survey
Quadrature Profiles

Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

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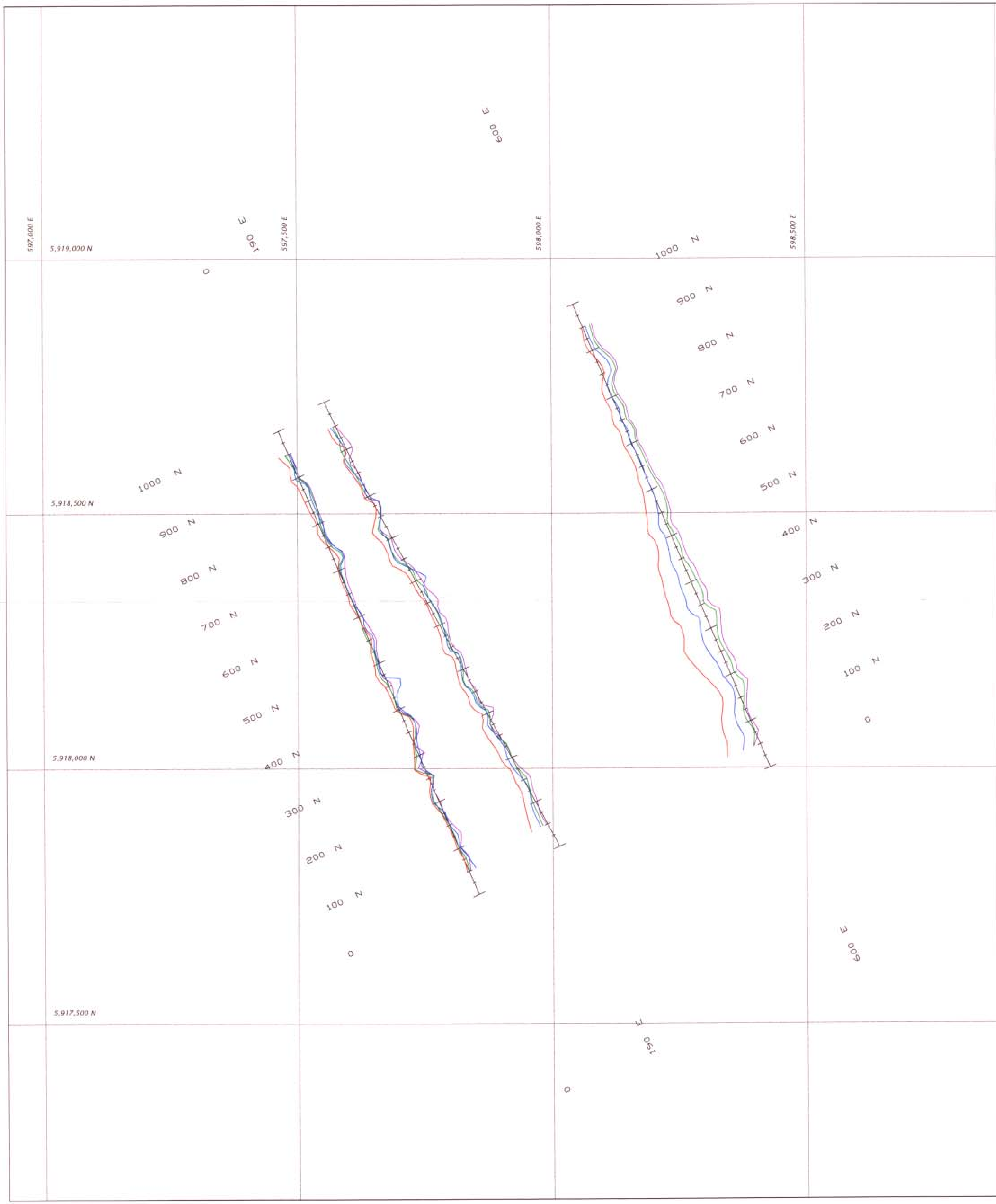
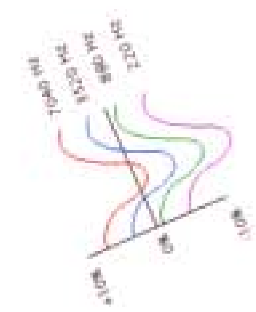
11

Plate: G2A



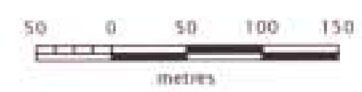
LEGEND

In-phase Profiles



Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max I (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040



Eureka Resources Inc.

Lottie Project - Grid 2

HLEM Survey
In-phase Profiles

Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

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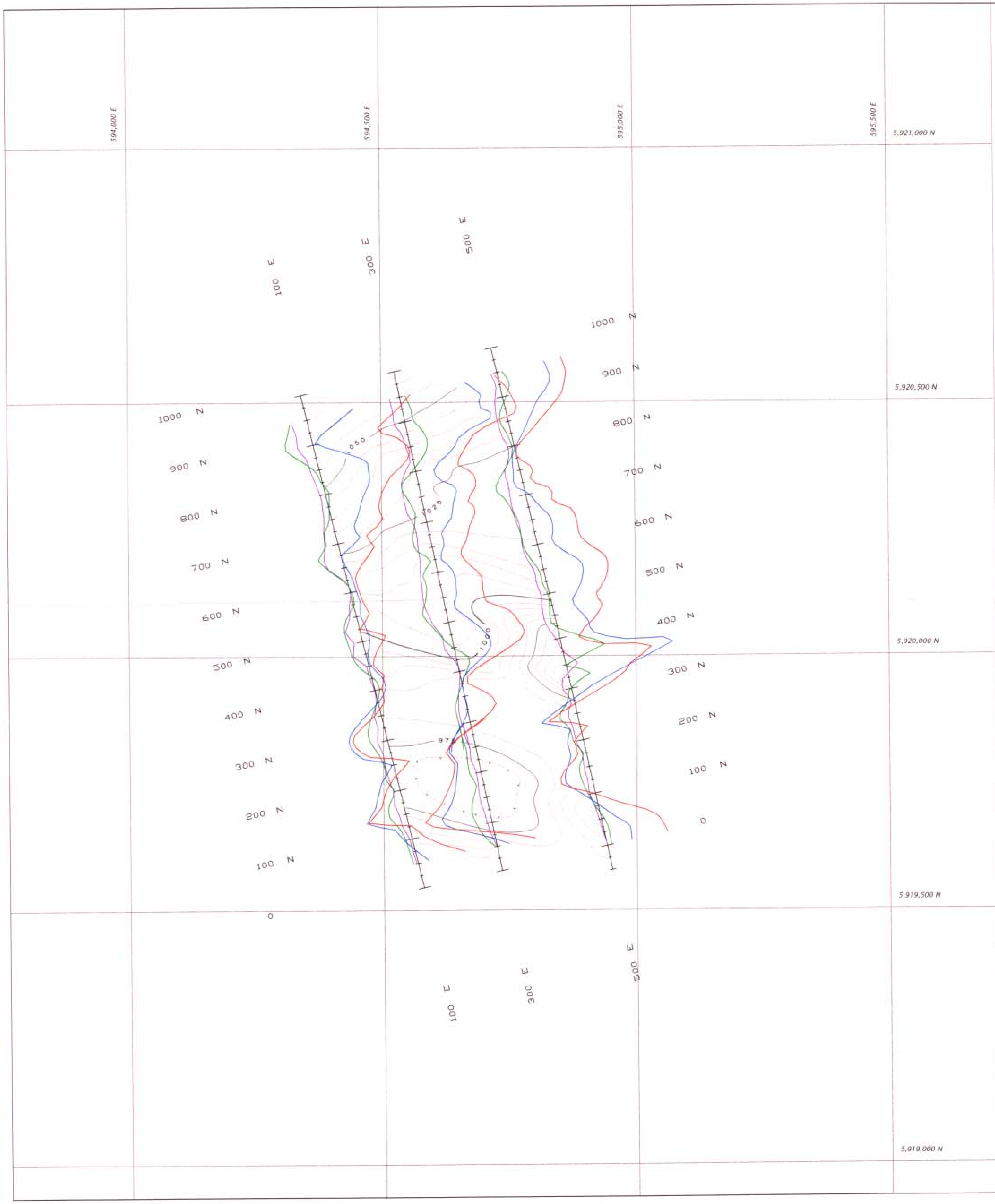
(12)

Plate: G2B



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

Quadrature Profiles

Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,842

Map North is
UTM Grid North

50 0 50 100 150
metres

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Lottie Project - Grid 8

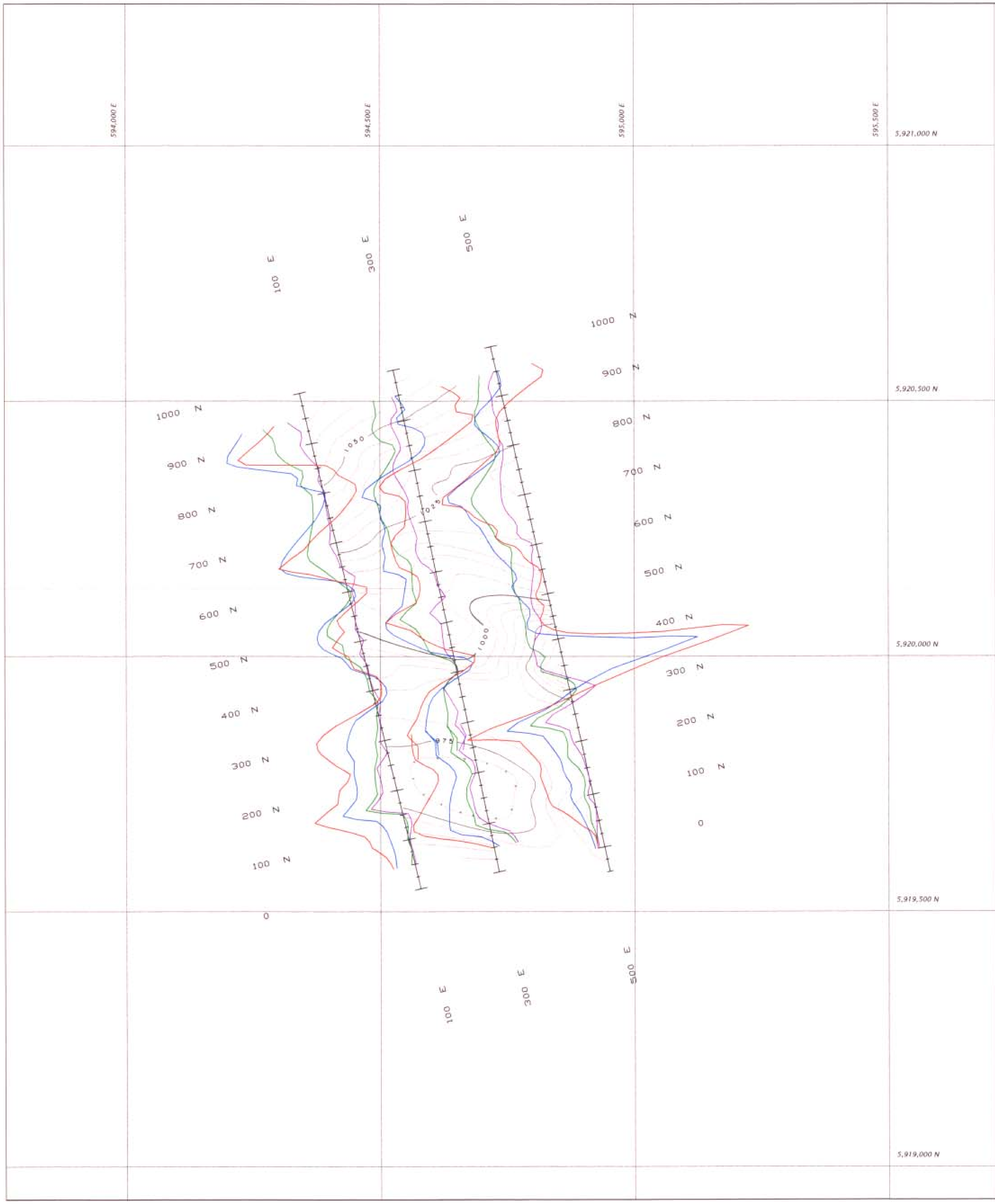
HLEM Survey
Quadrature Profiles

Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:
Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd.

13

Plate: G3A



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

In-Phase Profiles

Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is
UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

Lottie Project - Grid 8

HLEM Survey
In-phase Profiles

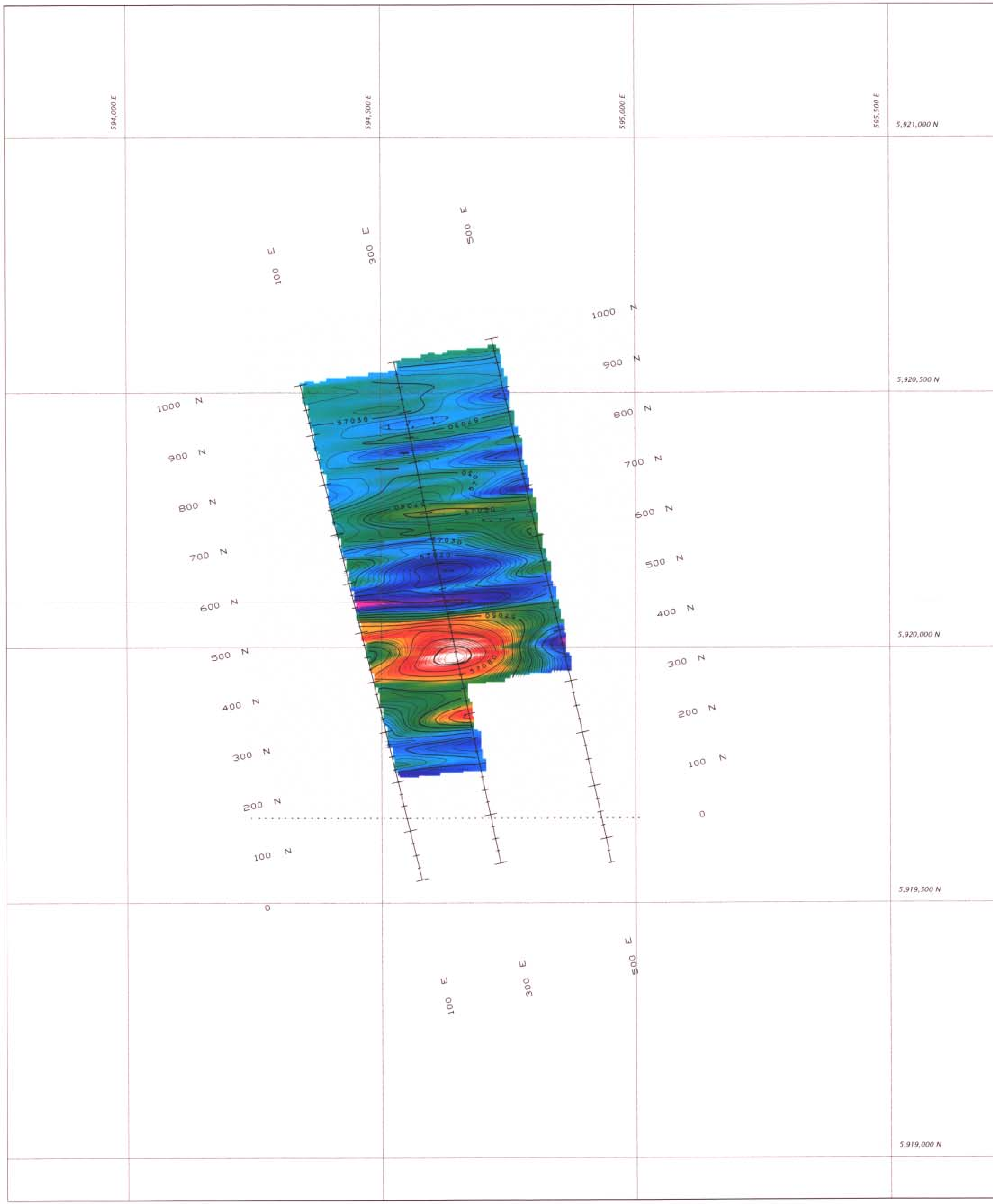
Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd.

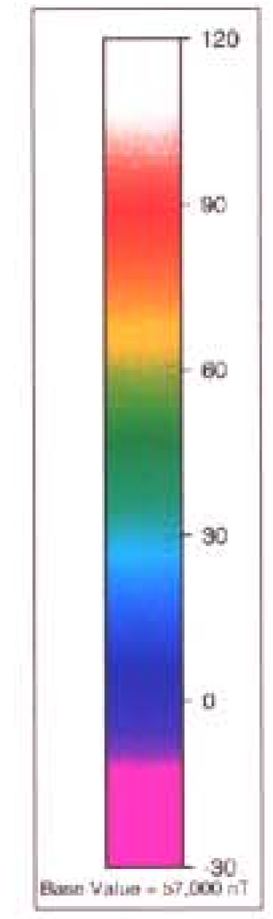
14

Plate: G3B



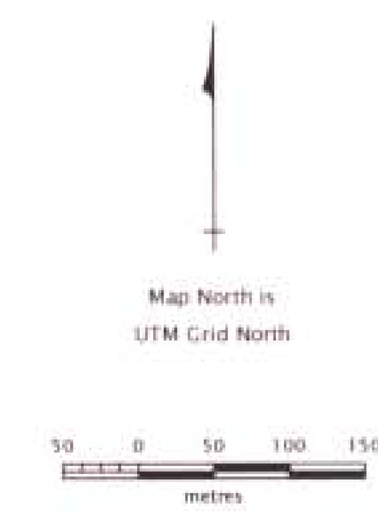
LEGEND

Colour Scale (nT)



Instrumentation:

Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Seperation: 12.5 m



Eureka Resources Inc.

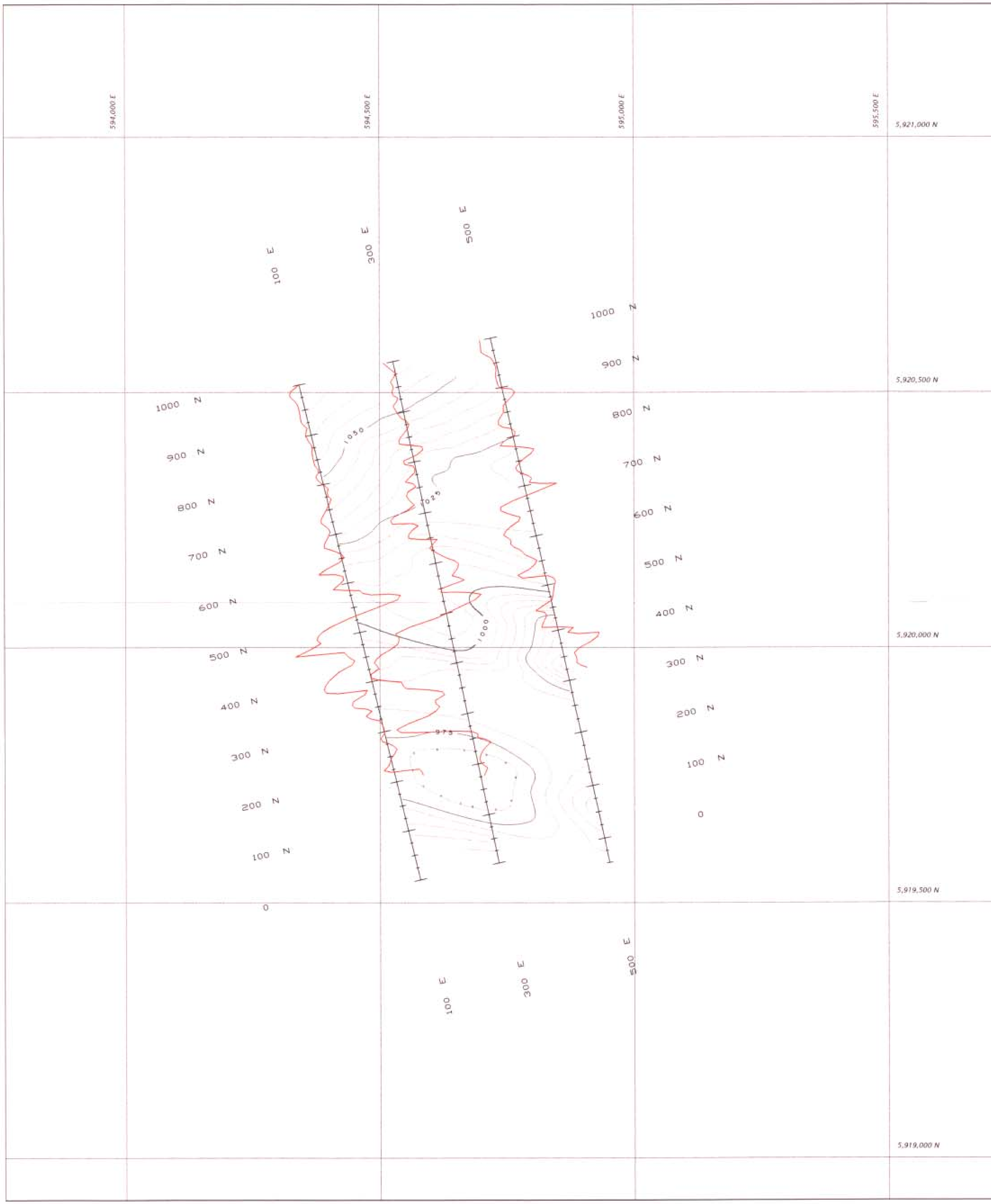
Lottie Project - Grid 8

Magnetic Survey

Total Field Intensity (nT)
Colour Contour Map

Location: Cariboo M.D.	Map Sheet: NTS 93H/4
Plot Date: Jul 2001	Datum: NAD 83
Data Date:	UTM Zone: 10

SJ Geophysics Ltd. (15) Plate: G3C

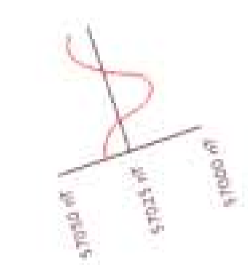


LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

Magnetic Profiles



Instrumentation:

Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Seperation: 12.5 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,842

Map North is
UTM Grid North

Eureka Resources Inc.

Lottie Project - Grid 8

Magnetic Survey

Total Field Intensity (nT)
Stacked Profile Map

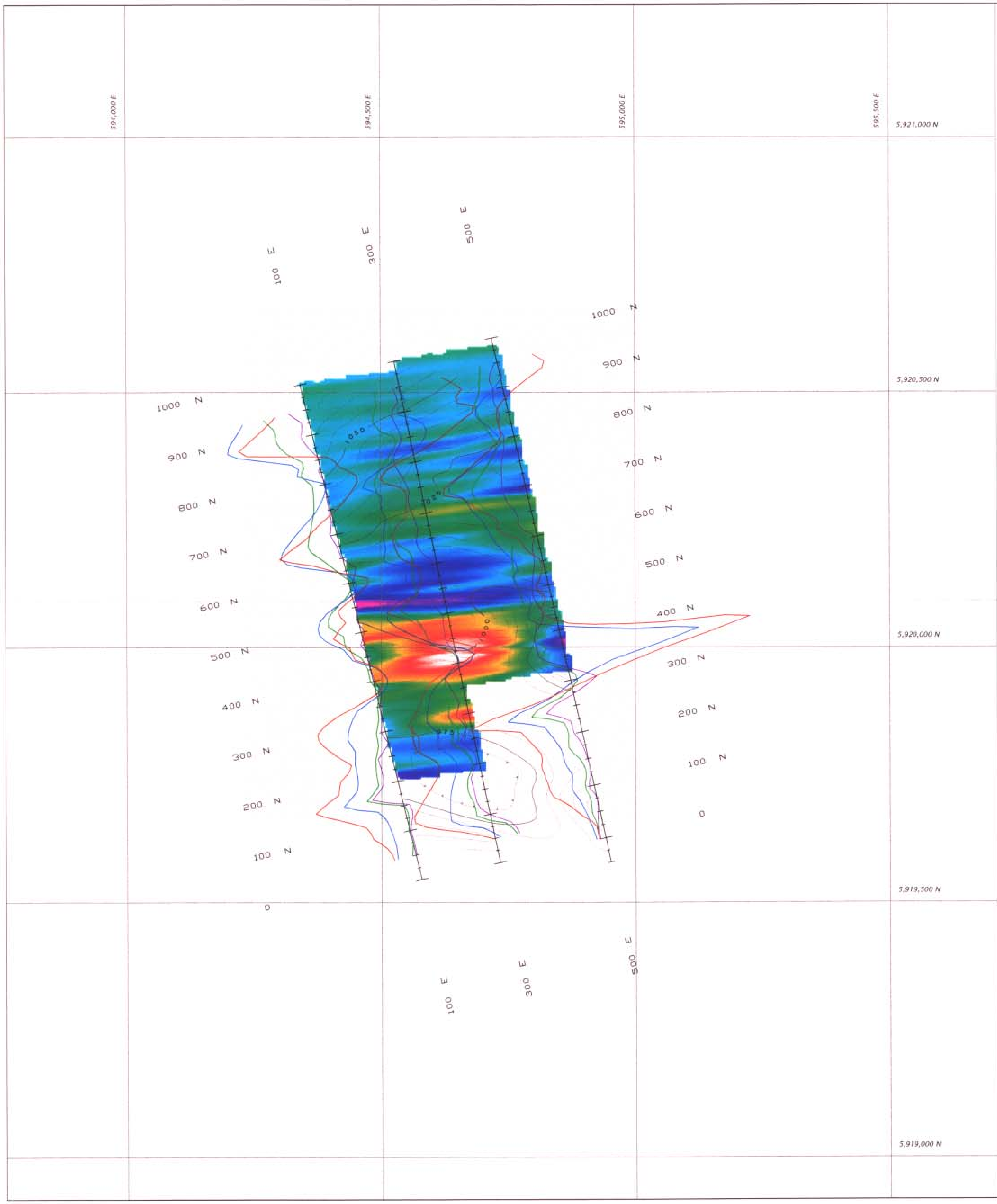
Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd

(16)

Plate: G3D



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

In-Phase Profiles

Colour Scale (nT)

120
90
60
30
0
-30
Base Value = 57,000 nT

Instrumentation:

Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Seperation: 12.5 m

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is
UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

Lottie Project - Grid 8

Magnetic & HLEM Survey

Total Field Intensity (nT) Colour
In-phase Profiles

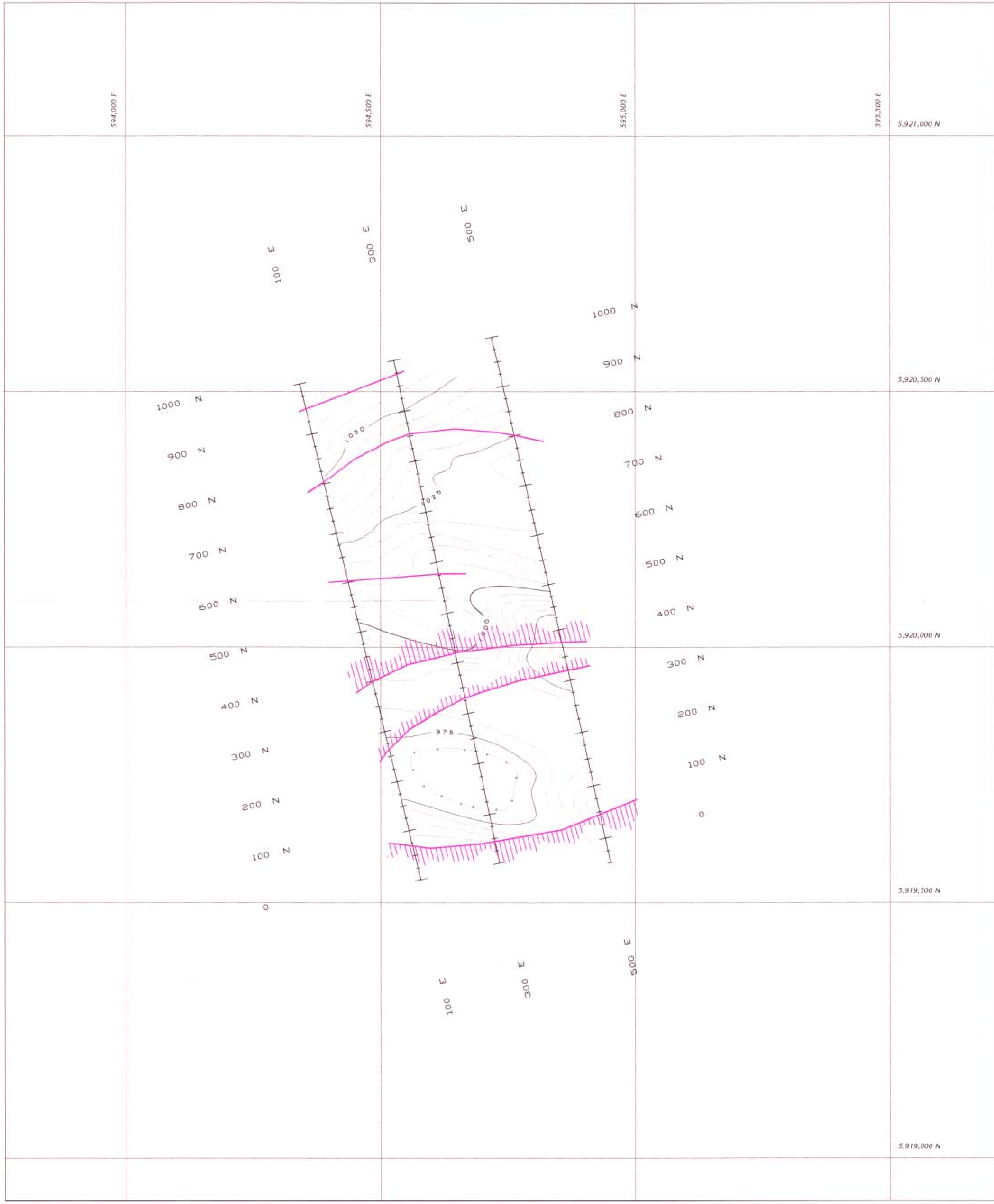
Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd

(17)

Plate: G3E



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

conductivity contact

conductivity contact
(showing down-dip direction)

Instrumentation:

Mag Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Seperation: 12.5 m

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is
UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

Lottie Project - Grid 8

Magnetic & HLEM Survey

Compilation Map

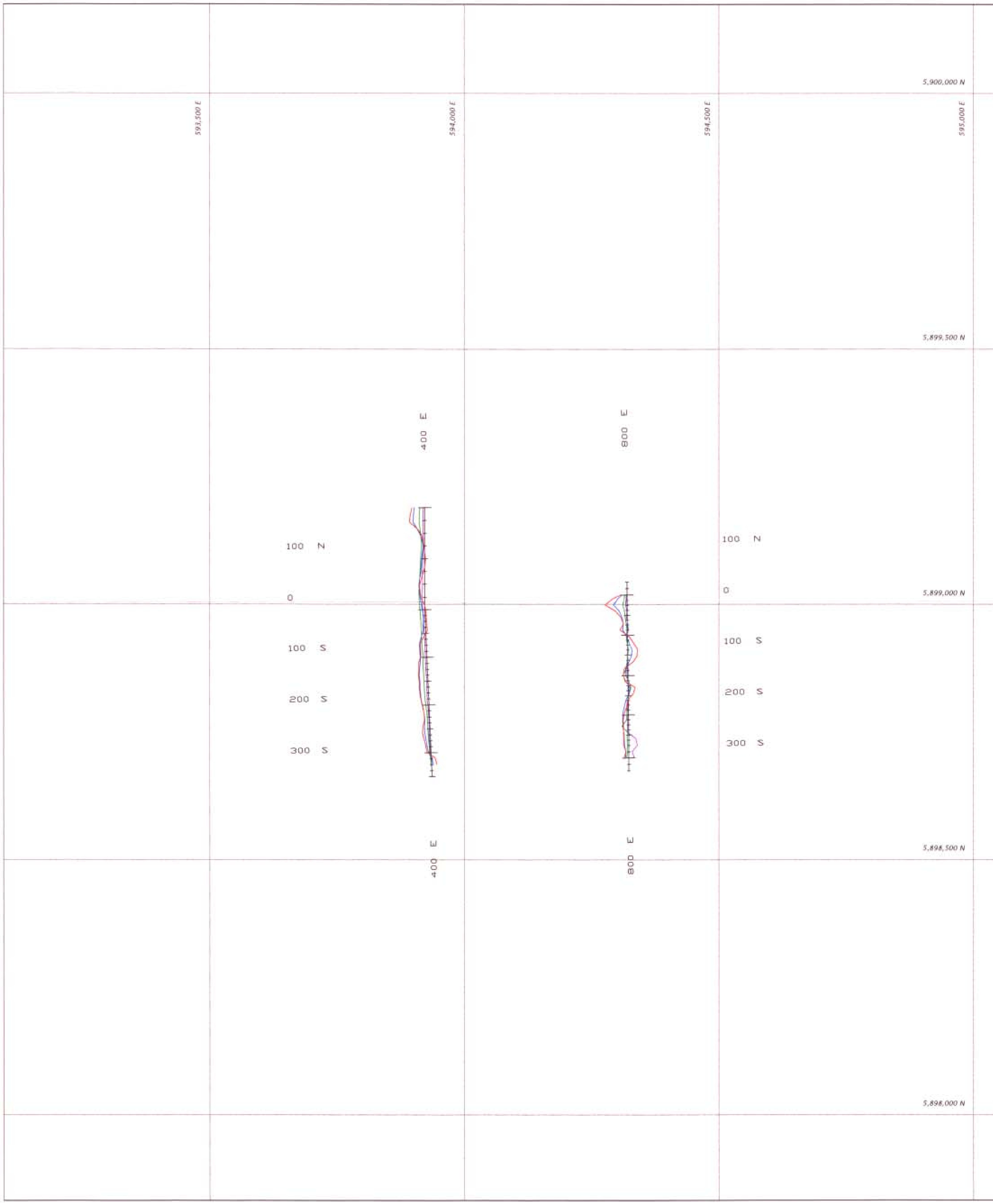
Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd.

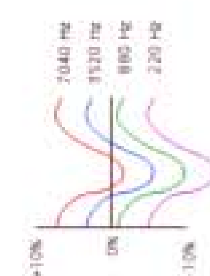
(18)

Plate: G3F



LEGEND

Quadrature Profiles



Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 50m
Station Spacing: 12.5m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is
UTM Grid North

Eureka Resources Inc.

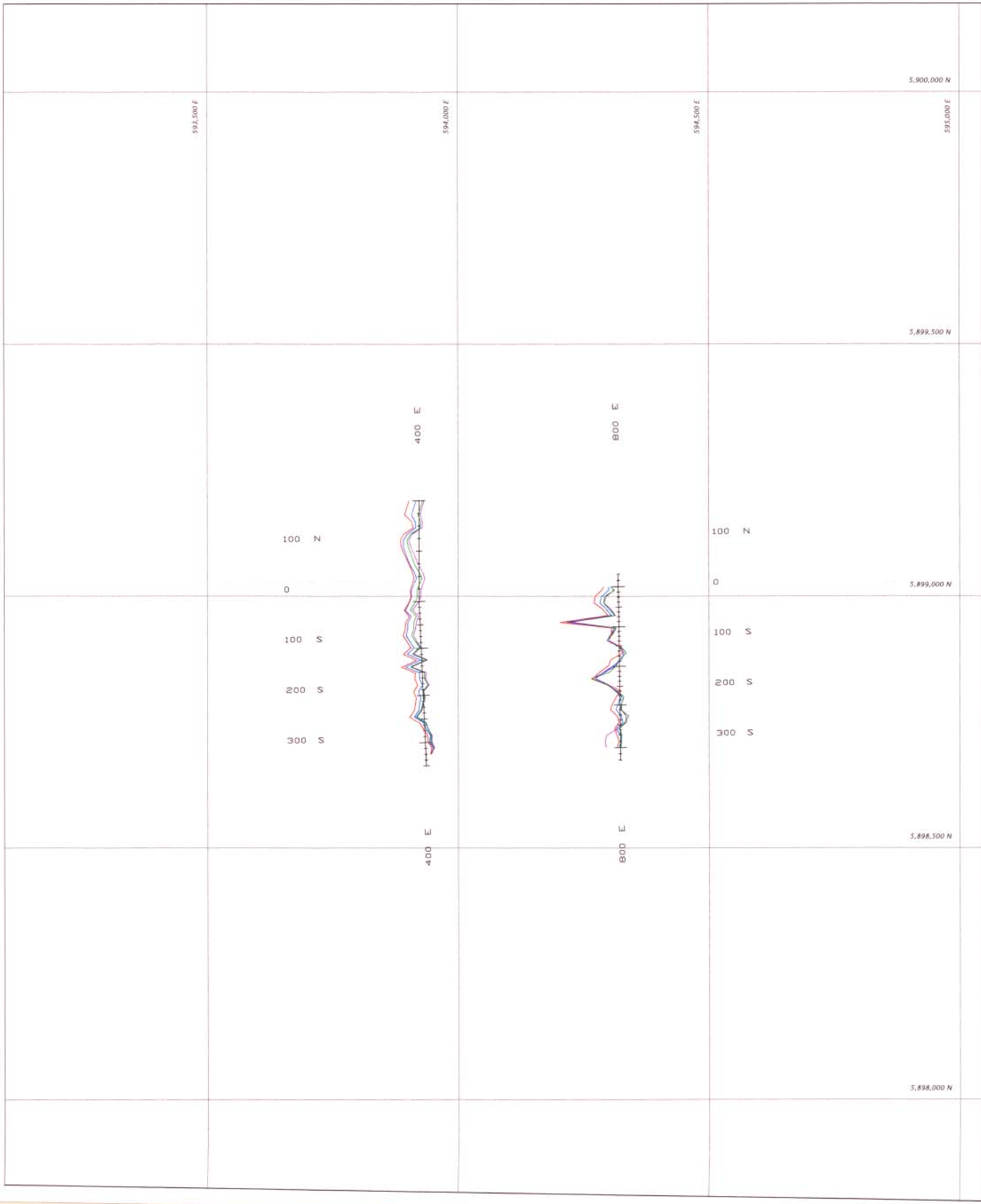
Lottie Project - Lottie Main Grid

HLEM Survey
Quadrature Profiles

Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:

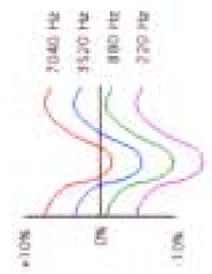
Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10

SJ Geophysics Ltd. (19) Plate: G4A



LEGEND

In-phase Profiles



Instrumentation:

MaxMin Equipment: MM I-10 S/N 10357
Mode: Max I (Horizontal Coplanar)
Coil Seperation: 50m
Station Spacing: 12.5m
Frequencies (Hz): 220, 880, 3520 & 7040

Map North is
UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

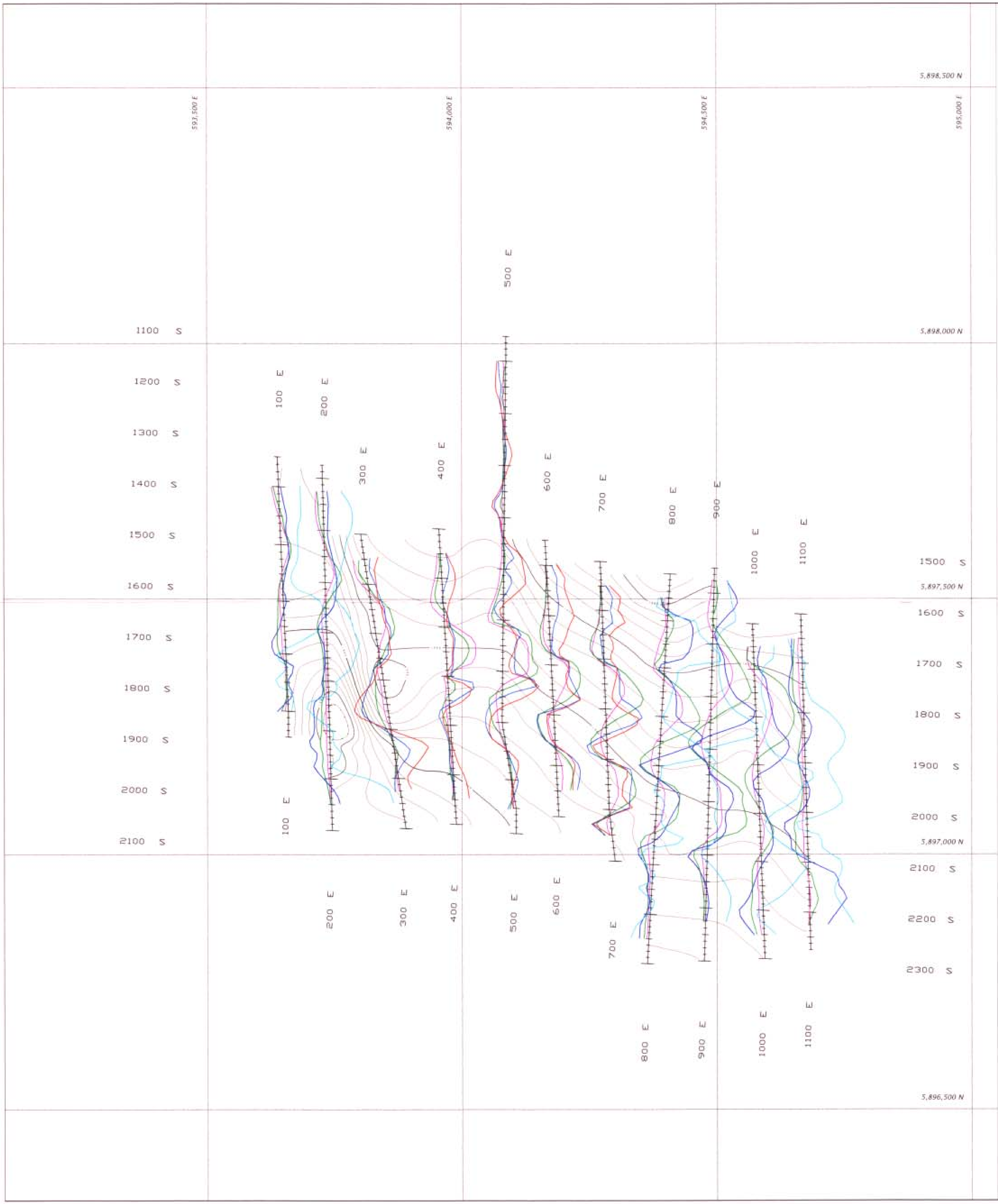
Lottie Project - Lottie Main Grid

HLEM Survey
In-phase Profiles

Location: Cariboo M.D. Map Sheet: NTS 93H/4

Plot Date: Jul 2001 Datum: NAD 83
Data Date: UTM Zone: 10

SJ Geophysics Ltd. (20) Plate: G4B



LEGEND

Topographic Contour Intervals

100 m
25 m
5 m

Quadrature Profiles

Instrumentation:

MaxMin Equipment:	MM I-10 S/N 10357
Mode:	Max1 (Horizontal Coplanar)
Coil Seperation:	100m
Station Spacing:	25m
Frequencies (Hz):	220, 880, 3520 & 7040

Map North is
UTM Grid North

50 0 50 100 150
metres

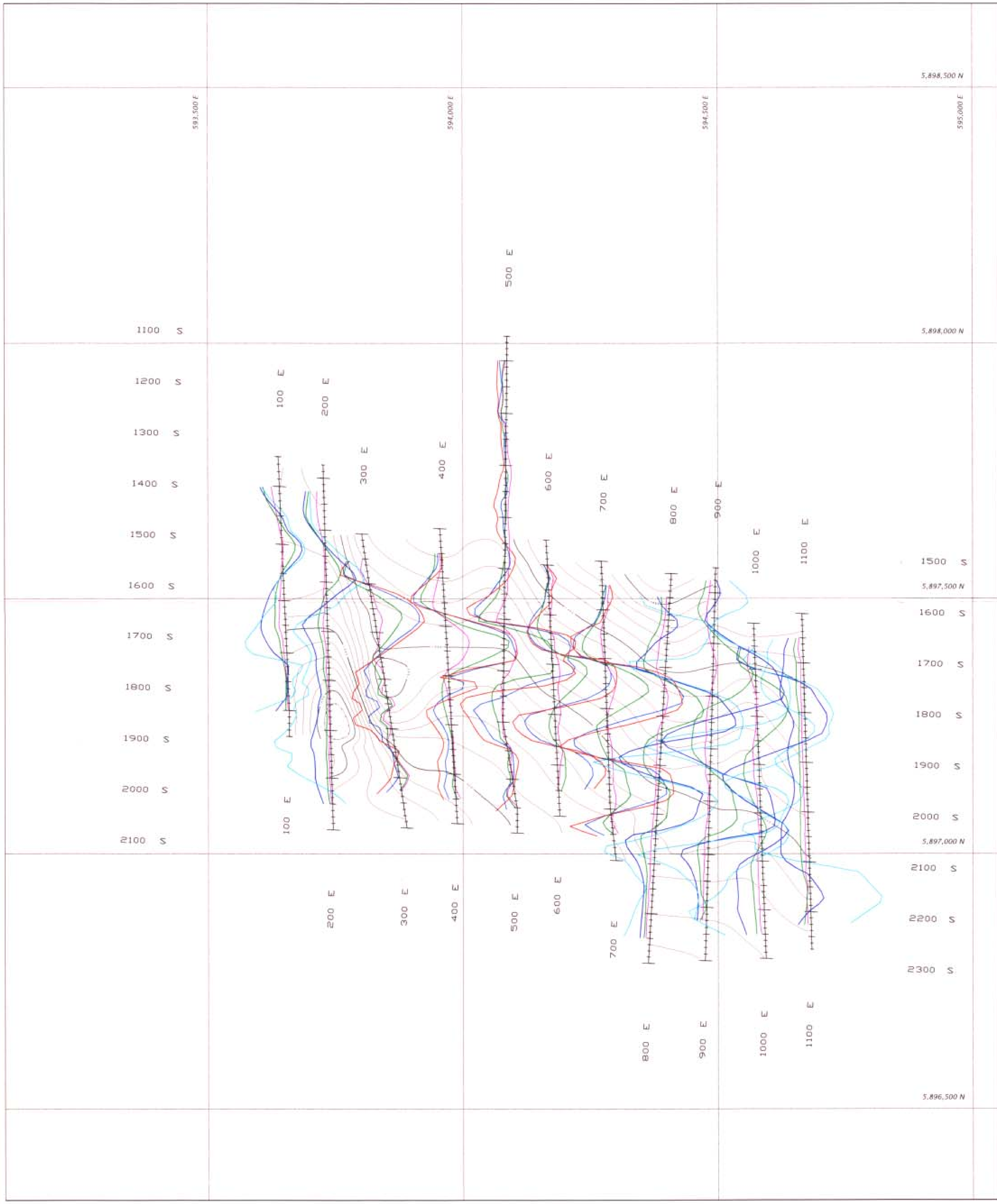
Eureka Resources Inc.

Lottie Project - Lottie South Grid

HLEM Survey
Quadrature Profiles

Location:	Cariboo M.D.	Map Sheet:	NTS 93H/4
Plot Date:	Jul 2001	Datum:	NAD 83
Data Date:		UTM Zone:	10

SJ Geophysics Ltd (21) Plate: G5A



LEGEND

Topographic Contour Intervals

250m
50 m
10 m

In-phase Profiles

Instrumentation:

MaxMin Equipment:	MM I-10 S/N 10357
Mode:	Max1 (Horizontal Coplanar)
Coil Seperation:	100m
Station Spacing:	25m
Frequencies (Hz):	220, 880, 3520 & 7040

Map North is
UTM Grid North

50 0 50 100 150
metres

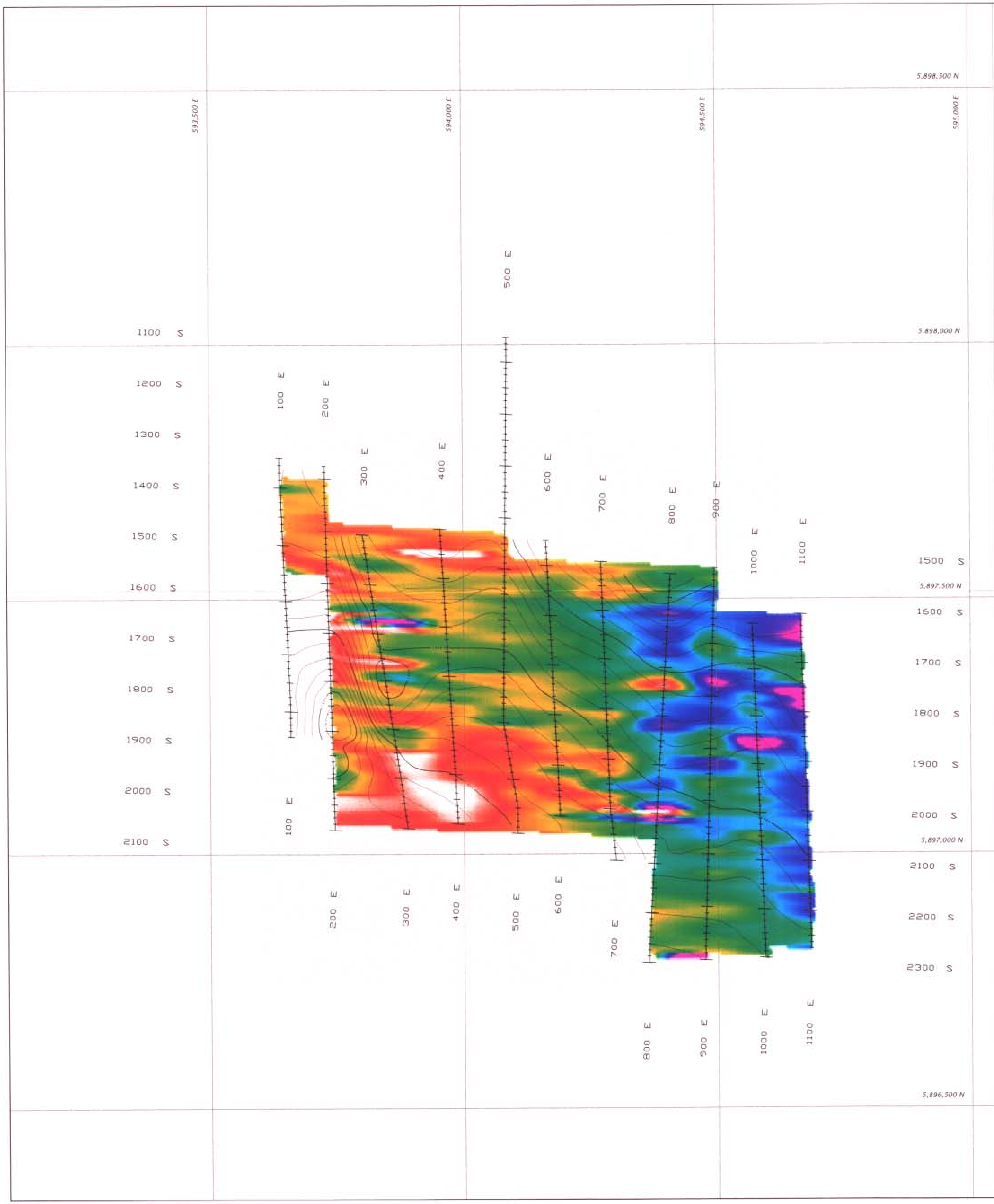
Eureka Resources Inc.

Lottie Project - Lottie South Grid

HLEM Survey
In-phase Profiles

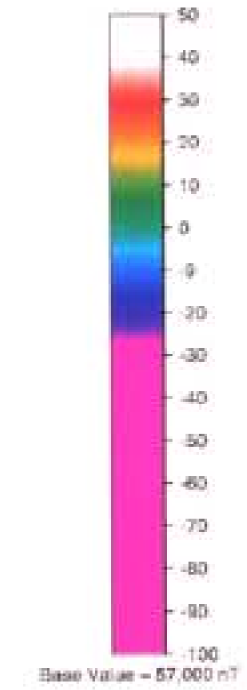
Location:	Cariboo M.D.	Map Sheet:	NTS 93H/4
Plot Date:	Jul 2001	Datum:	NAD 83
Data Date:		UTM Zone:	10

SJ Geophysics Ltd. (22) Plate: G5B



LEGEND

Colour Scale (nT)



Instrumentation:

Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Spacing: 12.5 m

GEOLOGICAL SURVEY BRA...
ASSESSM...

26,842

Map North is UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

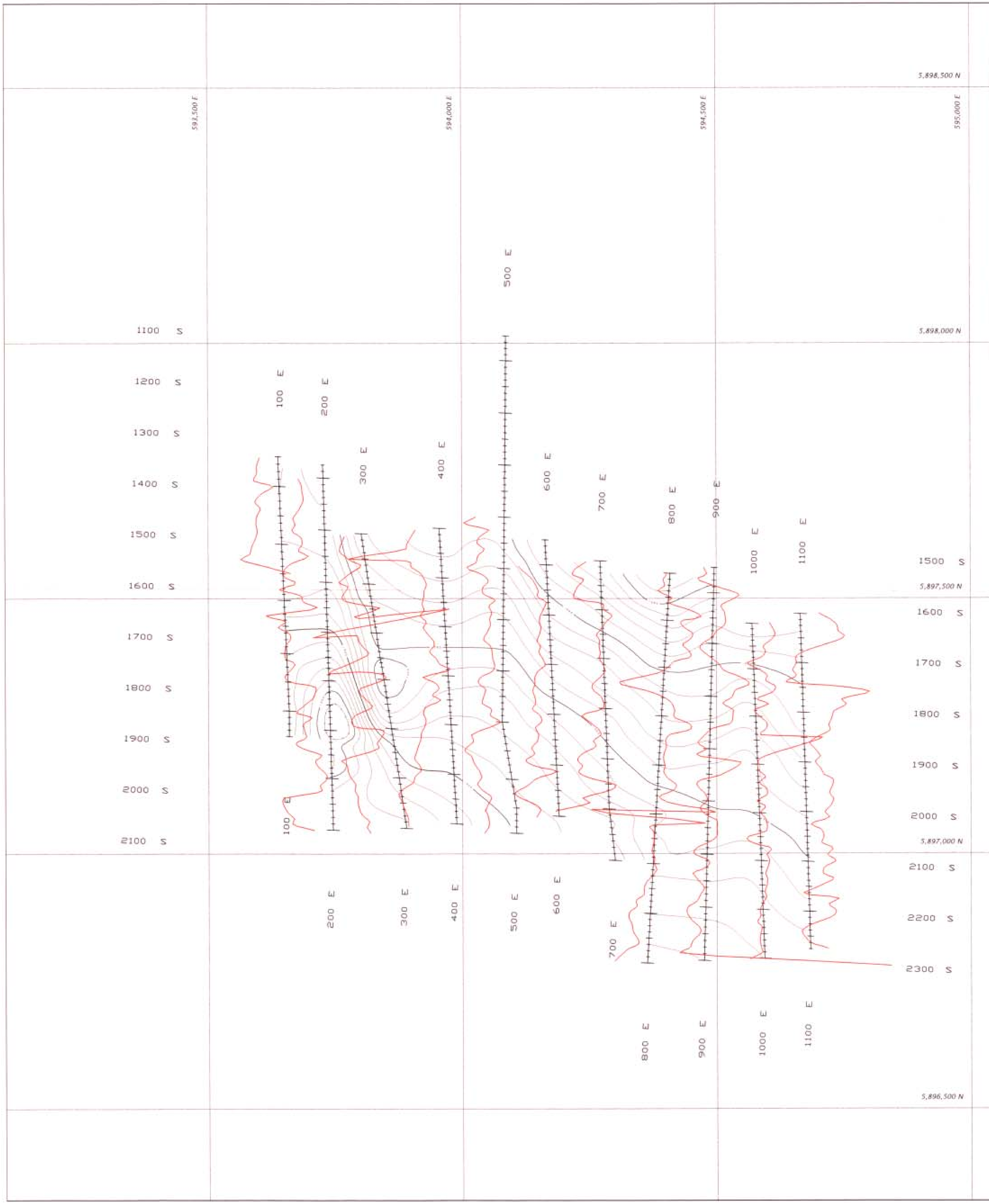
Lottie Project - Lottie South Grid

Magnetic Survey

Total Field Intensity (nT)
Colour Contour Map

Location:	Cariboo M.D.	Map Sheet:	NTS 93H/4
Plot Date:	Jul 2001	Datum:	NAD 83
Data Date:		UTM Zone:	10

SJ Geophysics Ltd. (23) Plate: G5C



LEGEND

Topographic Contour Intervals

250 m
50m
10 m

Magnetic Profiles

Instrumentation:

Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Spacing: 12.5 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,842

Map North is
UTM Grid North

50 0 50 100 150
metres

Eureka Resources Inc.

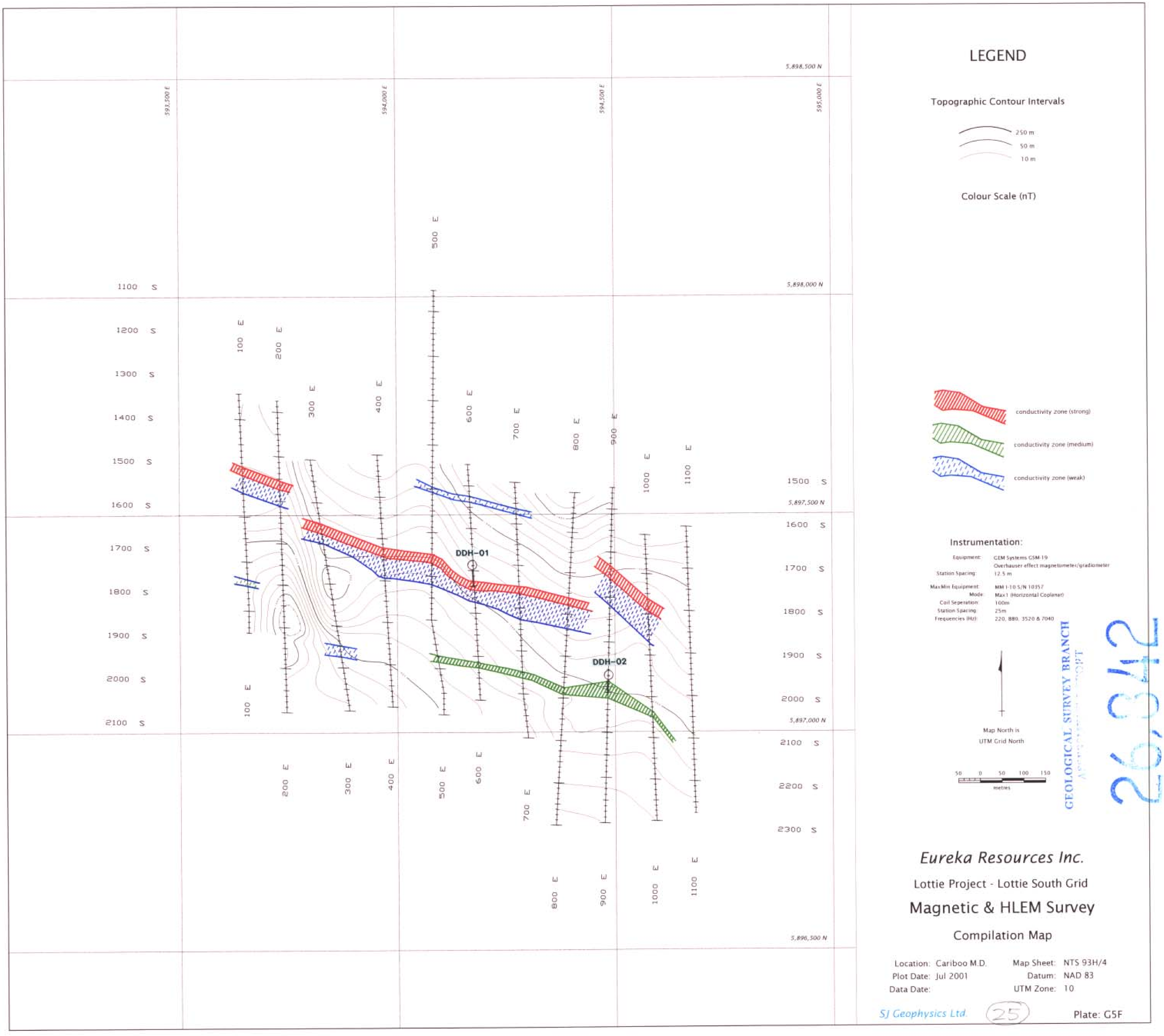
Lottie Project - Lottie South Grid

Magnetic Survey

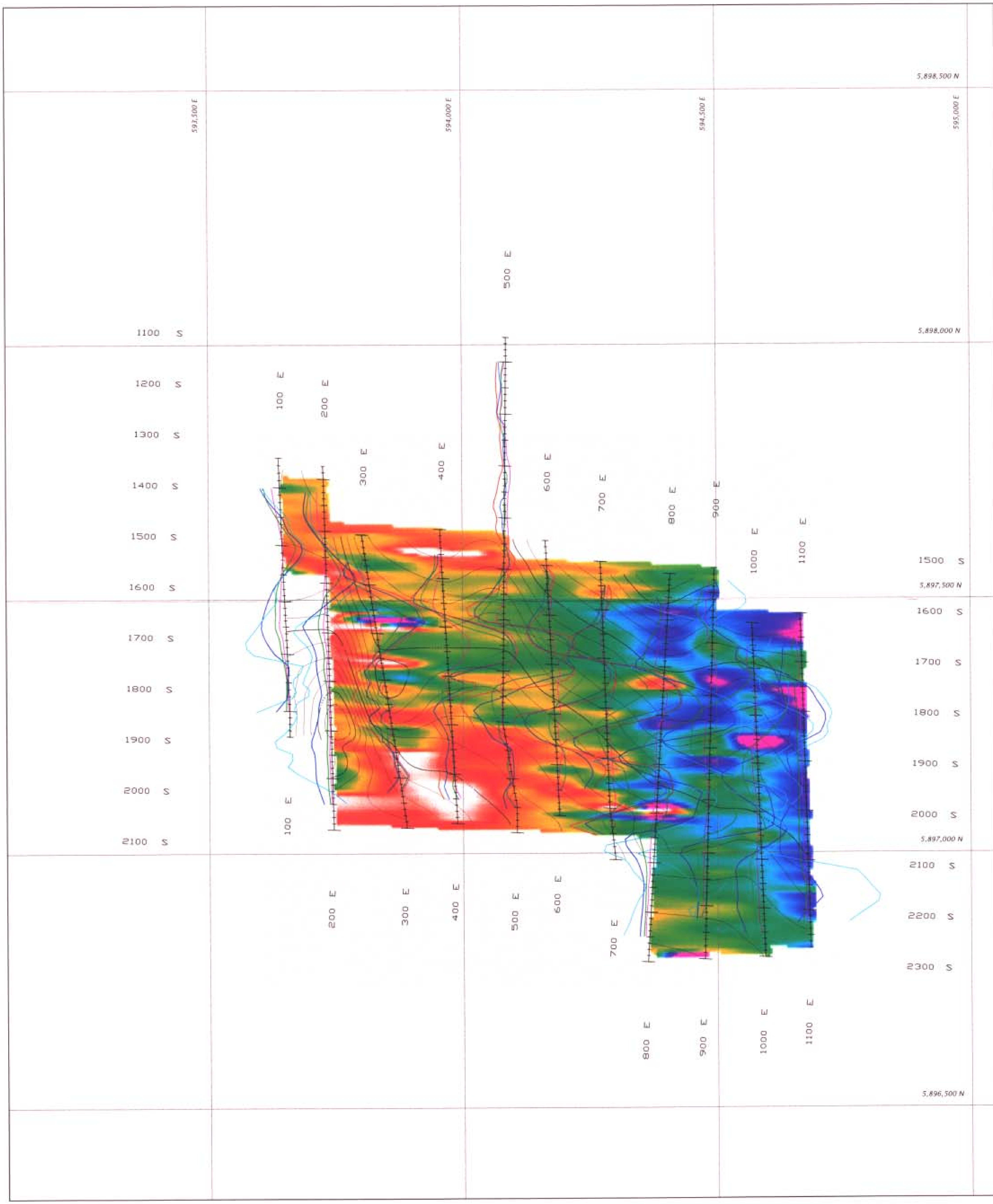
Total Field Intensity (nT)
Stacked Profile Map

Location:	Cariboo M.D.	Map Sheet:	NTS 93H/4
Plot Date:	Jul 2001	Datum:	NAD 83
Data Date:		UTM Zone:	10

SJ Geophysics Ltd. (24) Plate: G5D



LEGEND
Topographic Contour Intervals
250 m
50 m
10 m
Colour Scale (nT)
conductivity zone (strong)
conductivity zone (medium)
conductivity zone (weak)
Instrumentation:
Equipment: GEM Systems GSM-19
Overhauser effect magnetometer/gradiometer
Station Spacing: 12.5 m
MaxMin Equipment: MM I-10 S/N 10357
Mode: Max1 (Horizontal Coplanar)
Coil Seperation: 100m
Station Spacing: 25m
Frequencies (Hz): 220, 880, 3520 & 7040
Map North is
UTM Grid North
50 0 50 100 150
metres
DDH-01
DDH-02
5,898,500 N
5,898,000 N
5,897,500 N
5,897,000 N
5,896,500 N
593,500 E
594,000 E
594,500 E
595,000 E
1100 S
1200 S
1300 S
1400 S
1500 S
1600 S
1700 S
1800 S
1900 S
2000 S
2100 S
2200 S
2300 S
100 E
200 E
300 E
400 E
500 E
600 E
700 E
800 E
900 E
1000 E
1100 E
GEOLOGICAL SURVEY BRANCH
26,342
Eureka Resources Inc.
Lottie Project - Lottie South Grid
Magnetic & HLEM Survey
Compilation Map
Location: Cariboo M.D.
Plot Date: Jul 2001
Data Date:
Map Sheet: NTS 93H/4
Datum: NAD 83
UTM Zone: 10
SJ Geophysics Ltd.
25
Plate: G5F

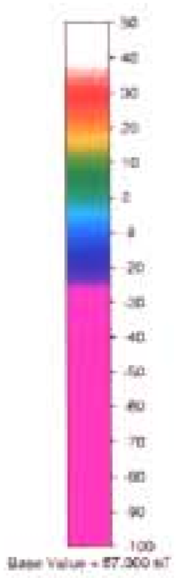


LEGEND

Topographic Contour Intervals

In-phase Profiles

Colour Scale (nT)



Instrumentation:

Equipment:	GEM Systems GSM-19 Overhauser effect magnetometer/gradiometer
Station Spacing:	12.5 m
MaxMin Equipment:	MM I-10 S/N 10357
Mode:	Max1 (Horizontal Coplanar)
Coil Seperation:	100m
Station Spacing:	25m
Frequencies (Hz):	220, 880, 3520 & 7040

Map North is UTM Grid North

26,842

GEOLOGICAL SURVEY BRANCH

Eureka Resources Inc.

Lottie Project - Lottie South Grid

Magnetic & HLEM Survey

Total Field Intensity (nT) Colour
In-phase Profiles

Location:	Cariboo M.D.	Map Sheet:	NTS 93H/4
Plot Date:	Jul 2001	Datum:	NAD 83
Data Date:		UTM Zone:	10

SJ Geophysics Ltd (26) Plate: G5E

Appendix II

Assay Certificates

(Bondar – Clegg)

&

Assay Tables

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01201.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

SUBMITTED BY: G. BIDWELL

DATE RECEIVED: 07-JUL-01 DATE PRINTED: 13-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010712	1 Ag	Ag - IC30	63	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	2 Cu	Cu - IC30	63	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	3 Pb	Pb - IC30	63	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	4 Zn	Zn - IC30	63	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	5 Mo	Mo - IC30	63	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	6 Ni	Ni - IC30	63	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	7 Co	Co - IC30	63	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	8 Cd	Cd - IC30	63	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	9 Bi	Bi - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	10 As	As - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	11 Sb	Sb - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	12 Fe Tot	Fe - IC30	63	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	13 Mn	Mn - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	14 Te	Te - IC30	63	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	15 Ba	Ba - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	16 Cr	Cr - IC30	63	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	17 V	V - IC30	63	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	18 Sn	Sn - IC30	63	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	19 W	W - IC30	63	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	20 La	La - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	21 Al	Al - IC30	63	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	22 Mg	Mg - IC30	63	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	23 Ca	Ca - IC30	63	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	24 Na	Na - IC30	63	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	25 K	K - IC30	63	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	26 Sr	Sr - IC30	63	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	27 Y	Y - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	28 Ga	Ga - IC30	63	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	29 Li	Li - IC30	63	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	30 Nb	Nb - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	31 Sc	Sc - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	32 Ta	Ta - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	33 Ti	Ti - IC30	63	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	34 Zr	Zr - IC30	63	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010712	35 S	S - IC30	63	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	63	2 -150	63	CRUSH/SPLIT & PULV.	63

REMARKS: Due to digestion limitations based upon sample mineralization, IC30 results for Al, Ba and Cr may vary.

REPORT COPIES TO: #1000 - 355 BURRARD ST INVOICE TO: #1000 - 355 BURRARD ST

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01201.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 07-JUL-01 DATE PRINTED: 13-JUL-01

SAMPLE NUMBER	ELEMENT	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe Tot	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
171726		<.5	54	<2	75	1	50	19	<1.0	<5	<5	<5	3.91	1090	<25	978	116	104	<20	<20	8	4.53	1.78	1.11	0.85	0.62	60	14	<10	97	11	13	<5	0.42	51	0.152
171727		<.5	135	9	83	<1	38	10	<1.0	<5	<5	<5	2.11	1281	<25	>2000	81	92	<20	<20	16	3.86	1.08	0.58	0.09	1.32	22	16	<10	29	10	8	<5	0.24	61	0.089
171728		<.5	256	6	96	<1	40	10	<1.0	<5	<5	<5	2.33	1398	<25	>2000	101	99	<20	<20	23	4.25	1.18	0.78	0.03	1.42	25	17	<10	24	14	9	<5	0.27	65	0.066
171729		<.5	94	5	78	1	32	8	<1.0	<5	<5	<5	2.20	1219	<25	>2000	93	92	<20	<20	13	3.67	1.04	0.79	0.01	1.23	22	12	<10	22	14	7	<5	0.22	57	0.062
171730		<.5	67	4	87	<1	41	10	<1.0	<5	<5	<5	2.40	920	<25	>2000	101	77	<20	<20	16	4.29	1.26	0.30	0.03	1.47	17	15	<10	20	10	9	<5	0.27	64	0.036
171731		<.5	66	8	97	2	50	13	<1.0	<5	<5	<5	2.86	1056	<25	>2000	86	82	<20	<20	21	5.08	1.50	0.36	0.06	1.69	22	16	<10	23	11	10	<5	0.32	71	0.110
171732		<.5	38	12	104	<1	47	12	<1.0	<5	<5	<5	2.65	1189	<25	>2000	79	73	<20	<20	18	4.69	1.43	0.40	0.04	1.51	23	15	<10	24	10	9	<5	0.29	66	0.091
171733		<.5	45	4	63	<1	33	7	<1.0	<5	<5	<5	1.63	496	<25	1791	84	53	<20	<20	13	3.07	0.89	0.22	0.02	1.12	14	10	<10	17	8	7	<5	0.21	54	0.036
171734		<.5	8	4	59	2	34	8	<1.0	<5	<5	<5	1.92	737	<25	1453	87	44	<20	<20	14	3.06	1.00	0.25	0.04	0.99	16	10	<10	17	8	6	<5	0.20	47	0.010
171735		<.5	23	4	39	<1	19	6	<1.0	<5	<5	<5	1.23	528	<25	1111	92	33	<20	<20	8	2.16	0.75	0.43	0.03	0.75	19	6	<10	15	6	<5	<5	0.15	38	0.011
171736		<.5	106	<2	91	<1	39	12	<1.0	<5	<5	<5	2.38	989	<25	>2000	115	79	<20	<20	20	4.58	1.47	0.56	0.19	1.44	29	11	<10	27	11	9	<5	0.31	72	0.022
171737		<.5	5	6	56	1	33	9	<1.0	<5	<5	<5	2.01	807	<25	1685	93	60	<20	<20	14	3.36	1.06	0.33	0.09	1.09	21	8	<10	22	7	7	<5	0.22	55	0.034
171738		<.5	4	<2	38	<1	54	11	<1.0	<5	<5	<5	2.35	411	<25	>2000	86	86	<20	<20	19	4.31	1.22	0.24	0.08	1.39	19	12	<10	23	13	10	<5	0.30	69	0.062
171739		<.5	<1	<2	12	<1	49	10	<1.0	<5	<5	<5	2.06	398	<25	1842	101	89	<20	<20	15	3.71	1.21	0.57	0.34	1.03	28	11	<10	24	14	10	<5	0.28	66	0.027
171740		<.5	2	3	8	1	39	7	<1.0	<5	<5	<5	1.65	180	<25	1318	114	70	<20	<20	13	3.20	0.95	0.20	0.63	0.66	23	9	<10	17	8	7	<5	0.22	57	0.044
171741		<.5	1	<2	5	<1	38	6	<1.0	<5	<5	<5	0.80	147	<25	840	121	57	<20	<20	14	3.28	0.65	0.77	1.25	0.45	35	11	<10	29	10	8	<5	0.22	56	0.006
171742		<.5	2	<2	10	<1	30	5	<1.0	<5	<5	<5	1.05	329	<25	319	148	54	<20	<20	14	2.75	0.58	2.16	1.10	0.21	59	11	<10	99	8	6	<5	0.18	44	0.016
171743		<.5	32	<2	49	2	128	25	<1.0	<5	<5	<5	4.35	921	<25	>2000	198	119	<20	<20	9	5.11	3.69	2.79	1.28	0.63	69	19	<10	29	11	16	<5	0.40	44	0.052
171744		<.5	4	2	17	<1	40	8	<1.0	<5	<5	<5	1.89	676	<25	>2000	99	48	<20	<20	14	2.87	0.97	0.67	0.53	0.59	28	13	<10	17	8	9	<5	0.21	49	0.117
171745		<.5	20	3	43	<1	43	8	<1.0	<5	<5	<5	2.40	848	<25	>2000	102	51	<20	<20	12	3.33	1.10	0.56	0.73	0.50	36	13	<10	16	6	9	<5	0.22	62	0.053
171746		<.5	37	3	61	2	56	14	<1.0	<5	<5	<5	2.80	950	<25	>2000	134	86	<20	<20	17	3.08	1.38	2.49	0.80	0.24	76	24	<10	31	10	9	<5	0.22	52	0.169
171747		<.5	149	16	69	<1	41	9	<1.0	<5	<5	<5	1.89	460	<25	>2000	102	78	<20	<20	18	2.92	0.86	0.53	<.01	1.04	24	21	<10	17	10	8	<5	0.23	66	0.284
171748		0.7	401	15	190	9	68	15	<1.0	<5	<5	<5	2.11	544	<25	>2000	133	117	<20	<20	17	3.46	0.91	0.78	<.01	1.26	29	15	<10	17	12	10	<5	0.28	65	0.399
171749		<.5	106	5	67	8	58	6	<1.0	<5	<5	<5	1.48	402	<25	>2000	71	60	<20	<20	8	2.62	0.61	0.47	<.01	1.02	24	10	<10	10	8	7	<5	0.16	48	0.284
171750		<.5	98	21	123	2	127	10	<1.0	<5	11	<5	3.28	3777	<25	>2000	77	138	<20	<20	18	2.97	0.88	1.59	<.01	0.72	60	16	<10	13	13	6	<5	0.15	49	0.337
171751		<.5	148	51	147	<1	114	10	<1.0	<5	<5	<5	5.23	2703	<25	>2000	86	176	<20	<20	23	2.71	1.14	1.02	<.01	0.27	37	19	<10	17	18	<5	<5	0.11	47	0.370
171752		<.5	4	46	43	3	17	4	<1.0	<5	<5	<5	2.12	6726	<25	>2000	75	71	<20	<20	<5	2.23	0.72	>10.00	0.23	0.55	506	12	<10	12	6	11	<5	0.10	10	0.071
171753		<.5	63	4	58	<1	42	7	<1.0	<5	7	<5	0.98	>20000	<25	1564	57	75	<20	<20	7	1.41	0.54	1.67	<.01	0.49	56	8	<10	11	8	<5	10	0.08	23	0.228
171754		<.5	152	10	72	<1	87	13	<1.0	<5	6	<5	1.85	14421	<25	>2000	73	118	<20	<20	11	2.43	1.07	0.81	<.01	0.73	44	8	<10	16	13	6	9	0.14	40	0.190
171755		<.5	92	9	49	<1	65	8	<1.0	<5	<5	<5	1.62	5321	<25	1934	68	75	<20	<20	9	1.92	0.85	0.54	<.01	0.59	29	6	<10	12	8	5	<5	0.11	31	0.211

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SAMPLE NUMBER	ELEMENT Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe Tot	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
	UNITS PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
171756	<.5	93	10	55	<1	61	11	<1.0	<5	<5	<5	1.58	12507	<25	1863	51	255	<20	<20	9	1.70	0.75	0.60	<.01	0.57	34	8	<10	11	24	<5	<5	0.09	30	0.245
171757	<.5	68	9	28	<1	35	8	<1.0	<5	<5	<5	1.37	14106	<25	1246	90	57	<20	<20	5	0.91	0.35	0.73	<.01	0.35	49	7	<10	8	<5	<5	<5	0.05	16	0.350
171758	<.5	124	9	34	<1	45	6	<1.0	<5	<5	<5	1.79	4254	<25	1670	135	107	<20	<20	9	1.34	0.36	0.23	<.01	0.48	23	7	<10	10	11	<5	<5	0.08	27	0.442
171759	<.5	189	13	80	<1	84	16	<1.0	<5	<5	<5	3.88	15307	<25	1936	49	90	<20	<20	19	2.56	1.08	1.44	<.01	0.68	107	17	<10	27	10	7	5	0.14	48	0.722
171760	<.5	168	16	70	<1	67	12	<1.0	<5	7	<5	3.39	>20000	<25	1447	45	62	<20	<20	15	2.25	0.98	2.13	<.01	0.55	129	17	<10	23	7	6	7	0.12	32	0.340
171761	<.5	84	14	54	<1	60	11	<1.0	<5	<5	<5	2.98	4284	<25	1326	62	114	<20	<20	13	2.36	0.82	0.22	<.01	0.50	18	9	<10	23	11	6	<5	0.13	34	0.038
171762	<.5	59	22	49	1	62	12	<1.0	<5	8	<5	2.62	2468	<25	1359	68	130	<20	<20	11	2.10	0.77	0.51	<.01	0.53	32	9	<10	26	12	6	<5	0.11	32	0.154
171763	<.5	78	14	66	1	43	9	<1.0	<5	<5	<5	3.05	3999	<25	1704	42	116	<20	<20	15	2.48	1.10	1.22	<.01	0.67	84	11	<10	33	12	7	<5	0.14	37	0.201
171764	<.5	73	7	93	<1	78	24	<1.0	<5	20	<5	4.37	3978	<25	>2000	73	181	<20	<20	12	4.11	1.61	0.58	<.01	0.88	51	16	<10	36	16	14	<5	0.42	43	0.125
171765	<.5	82	5	76	<1	35	7	<1.0	<5	<5	<5	2.22	972	<25	>2000	68	70	<20	<20	11	3.16	0.75	0.49	<.01	1.12	33	10	<10	24	8	8	5	0.20	53	0.268
171766	<.5	90	8	61	<1	31	5	<1.0	<5	<5	<5	1.74	901	<25	>2000	55	57	<20	<20	10	2.17	0.79	0.80	<.01	0.80	46	10	<10	18	5	6	<5	0.14	31	0.146
171767	<.5	82	5	72	<1	45	6	<1.0	<5	<5	<5	2.19	1299	<25	>2000	60	109	<20	<20	12	2.45	0.91	0.40	<.01	0.86	33	11	<10	16	13	6	<5	0.13	34	0.159
171768	<.5	49	2	46	2	32	7	<1.0	<5	<5	6	2.38	1047	<25	>2000	79	49	<20	<20	7	1.98	0.77	0.61	<.01	0.62	31	7	<10	14	6	5	<5	0.11	32	0.513
171769	<.5	40	2	28	<1	22	4	<1.0	<5	<5	<5	1.32	369	<25	1544	84	33	<20	<20	<5	1.10	0.35	0.42	<.01	0.45	20	<5	<10	9	<5	<5	<5	0.06	23	0.664
171770	<.5	57	7	49	<1	28	5	<1.0	<5	<5	<5	1.75	611	<25	>2000	114	58	<20	<20	8	1.78	0.54	0.17	<.01	0.59	9	6	<10	12	6	5	<5	0.10	33	0.192
171771	<.5	52	5	46	2	29	5	<1.0	<5	<5	<5	1.86	602	<25	>2000	92	67	<20	<20	9	1.97	0.60	0.12	<.01	0.67	9	9	<10	14	8	5	<5	0.12	40	0.223
171772	<.5	87	5	64	<1	33	5	<1.0	<5	<5	<5	2.42	2403	<25	>2000	59	50	<20	<20	12	2.83	0.94	0.59	<.01	1.05	25	11	<10	16	6	6	<5	0.13	46	0.232
171773	<.5	46	<2	65	1	29	6	<1.0	<5	<5	<5	1.59	970	<25	>2000	56	81	<20	<20	13	3.16	0.71	0.28	0.01	1.40	14	11	<10	11	10	7	<5	0.20	50	0.184
171774	<.5	130	5	89	<1	50	16	<1.0	<5	<5	<5	3.45	3236	<25	>2000	69	152	<20	<20	14	3.96	1.69	1.35	0.19	1.07	83	17	<10	20	13	13	<5	0.36	46	0.266
171775	<.5	72	12	100	3	42	16	<1.0	<5	<5	<5	4.48	2337	<25	1043	50	134	<20	<20	20	4.23	1.76	2.80	0.72	0.45	96	17	<10	24	14	10	<5	0.24	51	0.348
171776	<.5	75	6	86	<1	37	14	<1.0	<5	7	<5	3.12	930	<25	1188	55	145	<20	<20	22	4.74	1.31	1.28	0.81	0.96	53	14	<10	18	16	11	<5	0.26	54	0.103
171777	<.5	61	10	71	1	39	8	<1.0	<5	<5	<5	2.55	393	<25	1400	76	99	<20	<20	15	3.22	0.95	0.24	0.09	1.03	16	10	<10	17	13	7	<5	0.18	48	0.259
171778	<.5	52	<2	59	2	30	5	<1.0	<5	<5	<5	1.91	2899	<25	1843	56	77	<20	<20	9	2.22	1.53	2.56	0.02	0.47	105	8	<10	29	9	<5	<5	0.12	31	0.181
171779	<.5	108	5	42	<1	26	4	<1.0	<5	<5	<5	1.16	808	<25	1602	77	44	<20	<20	5	1.28	0.52	0.40	<.01	0.36	31	6	<10	12	<5	<5	<5	0.07	18	0.282
171780	<.5	46	9	48	1	38	5	<1.0	<5	<5	<5	1.49	3827	<25	>2000	70	67	<20	<20	10	2.33	0.61	0.29	<.01	0.66	22	9	<10	22	7	7	<5	0.13	45	0.306
171781	<.5	68	9	64	<1	70	9	<1.0	<5	<5	<5	1.51	6469	<25	1805	55	118	<20	<20	11	2.09	0.66	0.72	<.01	0.55	39	9	<10	22	13	5	<5	0.11	38	0.214
171782	<.5	118	7	63	<1	75	11	<1.0	<5	7	<5	1.77	6997	<25	1735	73	216	<20	<20	12	1.93	0.97	1.86	<.01	0.52	80	11	<10	24	20	5	<5	0.10	34	0.135
171783	<.5	71	12	80	<1	32	8	<1.0	<5	<5	<5	2.40	3095	<25	>2000	52	109	<20	<20	17	3.34	0.85	0.29	<.01	1.30	29	12	<10	24	15	7	<5	0.18	57	0.059
171784	<.5	56	14	59	<1	44	6	<1.0	<5	<5	<5	2.60	2207	<25	1664	59	104	<20	<20	12	1.81	0.78	0.62	<.01	0.48	33	15	<10	14	10	<5	<5	0.07	29	0.195
171785	<.5	38	7	92	1	31	8	<1.0	<5	<5	<5	3.34	1969	<25	>2000	39	94	<20	<20	24	3.90	1.73	2.79	<.01	1.65	158	19	<10	21	12	8	<5	0.21	52	0.114

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM
171786		<.5	44	<2	77	2	32	9	<1.0	<5	<5	<5	1.82	518	<25	>2000	66	90
171787		<.5	105	<2	105	<1	55	45	<1.0	<5	7	<5	8.04	1529	<25	>2000	156	266
171788		<.5	69	<2	98	1	42	29	<1.0	<5	<5	<5	5.87	1216	<25	>2000	74	196

SAMPLE NUMBER	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
171786	<20	<20	16	3.61	1.10	1.20	0.15	1.51	75	14	<10	19	9	8	<5	0.26	53	0.115
171787	<20	<20	9	8.19	3.35	2.88	0.91	0.83	175	26	<10	45	21	35	<5	0.74	48	0.056
171788	<20	<20	12	6.13	2.73	2.50	2.21	0.19	142	19	<10	26	18	24	<5	0.52	43	0.064

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STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM
GS91-1		0.6	98	5	95	2	46	24	<1.0	<5	5	<5	5.38	864	<25	701	85	174	<20	<20	11
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.6	98	5	95	2	46	24	0.5	3	5	3	5.38	864	13	701	85	174	10	10	11
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.7	99	11	88	2	40	18	0.1	1	8	1	4.95	850	-	800	108	175	4	2	10
ANALYTICAL BLANK		<.5	<1	<2	<2	<1	<1	<1	<1.0	<5	<5	<5	<0.01	<5	<25	<5	<2	<2	<20	<20	<5
ANALYTICAL BLANK		<.5	2	<2	<2	<1	<1	<1	<1.0	<5	<5	<5	0.02	<5	<25	<5	<2	<2	<20	<20	<5
Number of Analyses		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value		0.3	1	1	1	<1	<1	<1	0.5	3	3	3	0.01	3	13	3	1	1	10	10	3
Standard Deviation		-	1	-	-	-	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1	<1	1	1	<1	<1	<1
CANMET LKSD-2		<.5	35	41	229	1	29	18	<1.0	<5	5	<5	4.46	2044	<25	753	42	71	<20	<20	60
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	35	41	229	1	29	18	0.5	3	5	3	4.46	2044	13	753	42	71	10	10	60
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.8	37	44	209	2	26	17	0.8	-	9	1	4.30	2020	-	780	57	77	5	-	68

STANDARD NAME	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
GS91-1	6.77	2.19	1.95	1.60	1.11	239	14	<10	28	17	18	<5	0.52	50	0.034
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	6.77	2.19	1.95	1.60	1.11	239	14	5	28	17	18	3	0.52	50	0.034
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	8.30	1.90	1.85	1.82	1.00	265	13	4	32	17	18	1	0.51	60	0.030
ANALYTICAL BLANK	<.01	<.01	<0.01	<.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
ANALYTICAL BLANK	<.01	<.01	<0.01	<.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
Number of Analyses	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value	<.01	<.01	<0.01	<.01	<.01	<1	3	5	1	3	3	3	<.01	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	<.01	<0.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001
CANMET LKSD-2	6.57	1.06	1.54	1.31	2.13	226	37	<10	21	15	11	<5	0.35	138	0.158
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	6.57	1.06	1.54	1.31	2.13	226	37	5	21	15	11	3	0.35	138	0.158
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	6.50	1.01	1.57	1.43	2.19	220	44	-	20	16	13	<1	0.40	128	0.140

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT
171727		<.5	135	9	83	<1	38	10	<1.0	<5	<5	<5	2.11	1281	<25	>2000	81	92	<20	<20	16	3.86	1.08
Duplicate		<.5	134	9	88	<1	39	11	<1.0	<5	<5	<5	2.11	1311	<25	>2000	79	90	<20	<20	17	3.92	1.09
171745		<.5	20	3	43	<1	43	8	<1.0	<5	<5	<5	2.40	848	<25	>2000	102	51	<20	<20	12	3.33	1.10
Duplicate		<.5	26	<2	45	<1	42	8	<1.0	<5	<5	<5	2.39	856	<25	>2000	103	50	<20	<20	12	2.89	1.10
171764		<.5	73	7	93	<1	78	24	<1.0	<5	20	<5	4.37	3978	<25	>2000	73	181	<20	<20	12	4.11	1.61
Duplicate		<.5	72	12	94	<1	79	26	<1.0	<5	23	<5	4.37	3999	<25	>2000	94	177	<20	<20	10	4.09	1.61
171781		<.5	68	9	64	<1	70	9	<1.0	<5	<5	<5	1.51	6469	<25	1805	55	118	<20	<20	11	2.09	0.66
Duplicate		<.5	71	6	68	<1	73	9	<1.0	<5	<5	<5	1.55	6678	<25	1889	51	119	<20	<20	12	2.17	0.69

SAMPLE NUMBER	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
171727	0.58	0.09	1.32	22	16	<10	29	10	8	<5	0.24	61	0.089
Duplicate	0.59	0.09	1.34	23	17	<10	29	11	8	<5	0.24	64	0.083
171745	0.56	0.73	0.50	36	13	<10	16	6	9	<5	0.22	62	0.053
Duplicate	0.53	0.72	0.50	34	11	<10	16	8	9	<5	0.23	56	0.053
171764	0.58	<.01	0.88	51	16	<10	36	16	14	<5	0.42	43	0.125
Duplicate	0.58	<.01	0.85	50	14	<10	35	15	14	<5	0.41	48	0.131
171781	0.72	<.01	0.55	39	9	<10	22	13	5	<5	0.11	38	0.214
Duplicate	0.74	<.01	0.57	40	9	<10	23	14	6	<5	0.12	39	0.218

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01199.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

SUBMITTED BY: G. BIDWELL

DATE RECEIVED: 05-JUL-01 DATE PRINTED: 11-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010710	1 Ag	Ag - IC30	27	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	2 Cu	Cu - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	3 Pb	Pb - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	4 Zn	Zn - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	5 Mo	Mo - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	6 Ni	Ni - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	7 Co	Co - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	8 Cd	Cd - IC30	27	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	9 Bi	Bi - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	10 As	As - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	11 Sb	Sb - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	12 Fe Tot	Fe - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	13 Mn	Mn - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	14 Te	Te - IC30	27	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	15 Ba	Ba - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	16 Cr	Cr - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	17 V	V - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	18 Sn	Sn - IC30	27	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	19 W	W - IC30	27	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	20 La	La - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	21 Al	Al - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	22 Mg	Mg - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	23 Ca	Ca - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	24 Na	Na - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	25 K	K - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	26 Sr	Sr - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	27 Y	Y - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	28 Ga	Ga - IC30	27	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	29 Li	Li - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	30 Nb	Nb - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	31 Sc	Sc - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	32 Ta	Ta - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	33 Ti	Ti - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	34 Zr	Zr - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010710	35 S	S - IC30	27	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	27	2 -150	27	CRUSH/SPLIT & PULV.	27

REPORT COPIES TO: #1000 - 355 BURRARD ST

INVOICE TO: #1000 - 355 BURRARD ST

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CLIENT: EUREKA RESOURCES, INC. PROJECT: BOW-LOTTIE

REPORT: V01-01199.0 (COMPLETE) DATE RECEIVED: 05-JUL-01 DATE PRINTED: 11-JUL-01

SAMPLE NUMBER	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe Tot	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
ELEMENT UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
168006	<.5	50	<2	45	1	16	4	<1.0	<5	9	<5	3.14	531	<25	>2000	73	54	<20	<20	10	2.90	0.49	0.05	0.07	0.81	9	8	<10	10	8	7	<5	0.16	51	0.160
168007	<.5	18	2	13	5	7	1	<1.0	<5	16	11	2.54	1311	<25	199	176	34	<20	<20	<5	0.19	0.05	0.03	<.01	0.03	4	<5	<10	<2	<5	<5	<5	<.01	6	1.088
168008	<.5	54	8	66	<1	33	8	<1.0	<5	24	<5	3.29	9750	<25	>2000	58	80	<20	<20	12	3.34	0.32	0.07	0.07	1.14	31	9	<10	9	11	7	<5	0.17	47	0.218
168009	<.5	41	8	52	<1	21	5	<1.0	<5	11	11	3.11	11125	<25	>2000	60	63	<20	<20	10	2.71	0.45	0.03	0.02	0.92	26	9	<10	10	8	6	5	0.16	42	0.131
168010	<.5	58	4	51	<1	24	5	<1.0	<5	9	<5	3.41	2578	<25	>2000	70	72	<20	<20	13	3.80	0.86	0.03	0.10	0.91	14	11	<10	16	9	7	<5	0.20	53	0.022
168011	<.5	13	3	23	<1	8	2	<1.0	<5	<5	6	2.72	3494	<25	1110	80	36	<20	<20	<5	0.90	0.13	0.02	0.02	0.24	7	<5	<10	5	<5	<5	<5	0.06	19	0.025
168012	<.5	110	9	187	<1	91	8	<1.0	<5	102	18	5.46	14880	<25	>2000	64	117	<20	<20	15	2.37	0.24	0.54	0.05	0.79	43	9	<10	4	13	6	11	0.16	44	0.202
168013	<.5	45	<2	132	<1	68	47	1.0	<5	32	<5	9.68	5644	<25	>2000	76	288	<20	<20	6	7.27	2.31	0.45	0.64	0.98	41	24	<10	48	22	29	<5	0.88	61	0.022
168014	<.5	47	9	73	<1	71	6	<1.0	<5	70	8	9.92	>20000	<25	1869	46	81	<20	<20	5	1.49	0.32	0.65	0.03	0.43	88	8	<10	5	7	5	21	0.14	21	0.381
168015	<.5	78	24	90	2	97	8	1.1	<5	182	10	>10.00	>20000	<25	>2000	44	100	<20	<20	9	2.11	0.23	0.12	0.04	0.64	44	8	<10	5	9	5	<5	0.16	34	1.596
168016	<.5	12	6	12	5	10	1	<1.0	<5	23	10	1.17	2337	<25	489	205	27	<20	<20	<5	0.33	0.05	0.03	0.02	0.08	4	<5	<10	<2	<5	<5	<5	0.02	<5	0.015
168017	0.8	87	9	68	<1	60	5	<1.0	<5	41	31	2.29	6218	<25	>2000	59	160	<20	<20	14	3.47	0.24	0.06	0.06	1.15	18	10	<10	8	19	8	<5	0.22	58	0.029
168018	<.5	46	<2	68	1	121	47	<1.0	<5	<5	<5	6.84	1449	<25	95	285	220	<20	<20	<5	7.85	4.27	8.80	1.46	0.21	89	20	<10	7	13	29	<5	0.49	38	0.123
168019	<.5	544	<2	86	12	16	2	<1.0	<5	<5	<5	>10.00	>20000	<25	1738	9	64	<20	68	<5	0.91	2.02	1.18	0.03	0.14	77	10	<10	<2	<5	<5	8	0.05	14	1.172
168020	<.5	451	8	26	<1	30	8	<1.0	<5	5	<5	1.58	1949	<25	>2000	77	29	<20	<20	<5	1.37	0.28	0.02	0.01	0.56	6	<5	<10	6	<5	<5	5	0.08	23	0.913
168021	<.5	154	<2	14	<1	6	2	<1.0	<5	<5	6	3.05	4810	<25	425	109	29	<20	<20	<5	0.22	0.25	0.34	0.04	0.03	18	<5	<10	<2	<5	<5	<5	0.02	6	0.431
168022	<.5	60	7	82	<1	26	11	<1.0	<5	<5	<5	2.66	639	<25	>2000	46	92	<20	<20	16	4.46	1.04	0.29	0.04	1.52	10	14	<10	9	13	9	<5	0.25	58	0.007
168023	<.5	84	15	110	8	59	24	<1.0	<5	38	<5	5.62	889	<25	1776	80	204	<20	<20	15	4.70	1.65	0.51	0.64	1.17	40	19	<10	16	22	15	<5	0.39	55	0.418
168024	<.5	32	3	51	5	46	6	<1.0	<5	<5	<5	>10.00	269	<25	378	141	134	<20	<20	6	0.87	0.28	0.24	0.01	0.03	13	<5	<10	<2	11	<5	<5	0.07	27	1.628
168025	<.5	68	181	435	<1	55	62	1.6	<5	81	20	8.33	1330	<25	>2000	88	332	<20	<20	16	>10.00	2.16	2.05	0.38	2.95	40	20	<10	30	52	39	<5	0.90	75	0.077
171337	<.5	67	21	47	13	49	11	<1.0	<5	13	<5	6.00	1296	<25	433	81	197	<20	<20	25	3.81	0.96	0.05	0.77	0.39	32	15	<10	17	23	7	<5	0.18	62	0.987
171338	<.5	57	<2	88	2	39	69	<1.0	<5	<5	<5	>10.00	2149	<25	>2000	31	719	<20	<20	14	6.92	2.96	3.67	1.42	1.01	150	26	<10	14	59	28	<5	0.94	48	1.252
171339	<.5	70	5	78	3	71	47	<1.0	<5	<5	<5	6.73	1156	<25	144	148	247	<20	<20	<5	9.66	3.86	8.31	2.31	0.05	106	22	<10	18	17	38	<5	0.58	30	0.214
171340	<.5	17	<2	34	<1	27	5	<1.0	<5	<5	<5	1.63	657	<25	>2000	44	81	<20	<20	9	3.23	0.58	0.06	0.02	1.18	8	9	<10	8	11	9	<5	0.18	55	0.048
171341	0.6	2139	9	39	<1	33	14	1.2	<5	<5	<5	2.05	823	<25	528	86	155	<20	<20	11	3.73	0.97	1.58	0.60	0.64	57	10	<10	9	20	8	<5	0.20	49	0.196
171342	0.6	4668	7	50	133	78	26	<1.0	<5	<5	<5	1.61	339	<25	>2000	107	82	<20	<20	8	3.43	0.94	0.86	1.16	0.65	45	10	<10	9	11	8	<5	0.21	49	0.207
171343	<.5	70	<2	29	<1	51	13	<1.0	<5	<5	<5	2.23	237	<25	>2000	86	163	<20	<20	22	4.74	0.93	0.46	0.86	1.21	32	20	<10	14	21	11	<5	0.35	87	0.005

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01199.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 05-JUL-01 DATE PRINTED: 11-JUL-01

STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM
CANMET STSD-4		<.5	67	17	114	<1	34	21	<1.0	<5	12	<5	4.23	1567	<25
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	67	17	114	<1	34	21	0.5	3	12	3	4.23	1567	13
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.3	66	16	107	2	30	13	0.6	-	15	7	4.10	1520	-
ANALYTICAL BLANK		<.5	2	<2	<2	<1	<1	<1	<1.0	<5	<5	<5	<0.01	<5	<25
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	2	1	1	<1	<1	<1	0.5	3	3	3	<0.01	3	13
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1

STANDARD NAME	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
CANMET STSD-4	>2000	55	98	<20	<20	20	6.79	1.22	2.83	1.92	1.22	339	20	<10	13	10	11	<5	0.39	53	0.108
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	2000	55	98	10	10	20	6.79	1.22	2.83	1.92	1.22	339	20	5	13	10	11	3	0.39	53	0.108
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	2000	66	106	2	-	24	6.40	1.28	2.86	2.00	1.33	350	24	-	14	9	14	<1	0.46	53	0.090
ANALYTICAL BLANK	<5	<2	<2	<20	<20	<5	<0.01	<.01	<.01	<.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	3	1	1	10	10	3	<0.01	<.01	<.01	<.01	<.01	<1	3	5	1	3	3	3	<.01	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	<1	1	1	<1	<1	<1	-	<.01	<.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01199.0 (COMPLETE)

PROJECT: BOW-LOTTIE

DATE RECEIVED: 05-JUL-01 DATE PRINTED: 11-JUL-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM
168015		<.5	78	24	90	2	97	8	1.1	<5	182	10	>10.00	>20000	<25	>2000	44	100	<20	<20	9
Duplicate		<.5	81	29	88	2	95	8	<1.0	<5	179	8	>10.00	>20000	<25	>2000	38	100	<20	<20	9
171343		<.5	70	<2	29	<1	51	13	<1.0	<5	<5	<5	2.23	237	<25	>2000	86	163	<20	<20	22
Duplicate		<.5	66	<2	30	<1	49	11	<1.0	<5	<5	<5	2.20	250	<25	>2000	73	161	<20	<20	21

SAMPLE NUMBER	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
168015	2.11	0.23	0.12	0.04	0.64	44	8	<10	5	9	5	<5	0.16	34	1.596
Duplicate	2.11	0.24	0.12	0.04	0.64	43	8	<10	5	10	5	<5	0.15	33	1.553
171343	4.74	0.93	0.46	0.86	1.21	32	20	<10	14	21	11	<5	0.35	87	0.005
Duplicate	4.65	0.91	0.45	0.84	1.18	30	20	<10	14	20	11	<5	0.35	90	0.006

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01218.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

SUBMITTED BY: G. BIDWELL

DATE RECEIVED: 04-JUL-01 DATE PRINTED: 9-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010707	1 Ag	Ag - IC30	6	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	2 Cu	Cu - IC30	6	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	3 Pb	Pb - IC30	6	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	4 Zn	Zn - IC30	6	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	5 Mo	Mo - IC30	6	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	6 Ni	Ni - IC30	6	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	7 Co	Co - IC30	6	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	8 Cd	Cd - IC30	6	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	9 Bi	Bi - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	10 As	As - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	11 Sb	Sb - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	12 Fe Tot	Fe - IC30	6	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	13 Mn	Mn - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	14 Te	Te - IC30	6	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	15 Ba	Ba - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	16 Cr	Cr - IC30	6	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	17 V	V - IC30	6	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	18 Sn	Sn - IC30	6	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	19 W	W - IC30	6	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	20 La	La - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	21 Al	Al - IC30	6	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	22 Mg	Mg - IC30	6	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	23 Ca	Ca - IC30	6	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	24 Na	Na - IC30	6	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	25 K	K - IC30	6	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	26 Sr	Sr - IC30	6	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	27 Y	Y - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	28 Ga	Ga - IC30	6	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	29 Li	Li - IC30	6	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	30 Nb	Nb - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	31 Sc	Sc - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	32 Ta	Ta - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	33 Ti	Ti - IC30	6	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	34 Zr	Zr - IC30	6	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	35 S	S - IC30	6	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	6	2 -150	6	CRUSH/SPLIT & PULV.	6

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This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated

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BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01218.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 04-JUL-01 DATE PRINTED: 9-JUL-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM
LMR01		<0.5	82	<2	89	2	48	47	<1.0	<5	<5	<5	7.17	1449	<25	55
LMR02		<0.5	41	4	55	4	41	21	<1.0	<5	<5	<5	4.76	382	<25	834
LMR03		<0.5	131	13	62	<1	12	23	<1.0	<5	8	<5	5.87	365	<25	172
LMR04		16.1	395	8177	12314	<1	34	53	33.2	38	19	<5	8.23	532	<25	554
LSR1		<0.5	22	18	41	<1	15	3	<1.0	<5	<5	<5	1.20	136	<25	>2000
LSR2		<0.5	28	16	45	2	18	2	<1.0	<5	5	<5	1.24	32	<25	>2000

SAMPLE NUMBER	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
LMR01	204	301	<20	<20	7	7.21	2.85	6.55	2.06	0.11	84	34	<10	13	20	34	<5	0.87	82	0.578
LMR02	110	159	<20	<20	33	6.69	0.88	0.30	0.07	1.96	15	23	11	19	19	20	<5	0.45	120	0.800
LMR03	122	30	<20	<20	30	4.23	0.61	0.05	0.45	1.13	11	12	<10	19	6	<5	<5	0.17	83	1.407
LMR04	145	61	<20	<20	44	6.49	0.95	0.12	0.09	1.95	11	15	<10	24	11	11	<5	0.33	78	2.500
LSR1	206	30	<20	<20	11	1.75	0.28	0.08	0.22	0.81	48	7	<10	14	<5	5	<5	0.11	32	0.008
LSR2	289	38	<20	<20	8	1.83	0.13	0.04	0.38	0.86	20	<5	<10	12	<5	<5	<5	0.11	32	0.028

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01218.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 04-JUL-01 DATE PRINTED: 9-JUL-01

STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM
CANMET LKSD-2		<0.5	35	47	214	1	30	23	1.2	5	15	<5	4.34	2012	<25
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	35	47	214	1	30	23	1.2	5	15	3	4.34	2012	13
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.8	37	44	209	2	26	17	0.8	-	9	1	4.30	2020	-
ANALYTICAL BLANK		<0.5	2	5	<2	<1	<1	<1	<1.0	<5	<5	<5	<0.01	<5	<25
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	2	5	1	<1	<1	<1	0.5	3	3	3	<0.01	3	13
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1

STANDARD NAME	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
CANMET LKSD-2	758	51	82	<20	<20	68	6.28	0.95	1.50	1.60	1.76	246	40	<10	25	10	13	5	0.35	133	0.174
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	758	51	82	10	10	68	6.28	0.95	1.50	1.60	1.76	246	40	5	25	10	13	5	0.35	133	0.174
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value	780	57	77	5	-	68	6.50	1.01	1.57	1.43	2.19	220	44	-	20	16	13	<1	0.40	128	0.140
ANALYTICAL BLANK	<5	<2	<2	<20	<20	<5	0.01	<.01	<.01	0.02	<.01	2	<5	<10	<2	<5	<5	<5	<.01	<5	0.003
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	3	1	1	10	10	3	0.01	<.01	<.01	0.02	<.01	2	3	5	1	3	3	3	<.01	3	0.003
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	<1	1	1	<1	<1	<1	-	<.01	<.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01198.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

SUBMITTED BY: G. BIDWELL

DATE RECEIVED: 04-JUL-01 DATE PRINTED: 11-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010709	1 Ag	Ag - IC30	27	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	2 Cu	Cu - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	3 Pb	Pb - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	4 Zn	Zn - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	5 Mo	Mo - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	6 Ni	Ni - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	7 Co	Co - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	8 Cd	Cd - IC30	27	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	9 Bi	Bi - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	10 As	As - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	11 Sb	Sb - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	12 Fe Tot	Fe - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	13 Mn	Mn - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	14 Te	Te - IC30	27	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	15 Ba	Ba - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	16 Cr	Cr - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	17 V	V - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	18 Sn	Sn - IC30	27	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	19 W	W - IC30	27	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	20 La	La - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	21 Al	Al - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	22 Mg	Mg - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	23 Ca	Ca - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	24 Na	Na - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	25 K	K - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	26 Sr	Sr - IC30	27	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	27 Y	Y - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	28 Ga	Ga - IC30	27	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	29 Li	Li - IC30	27	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	30 Nb	Nb - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	31 Sc	Sc - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	32 Ta	Ta - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	33 Ti	Ti - IC30	27	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	34 Zr	Zr - IC30	27	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	35 S	S - IC30	27	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	27	1 -80	27	DRY, SIEVE -80	27
				DRYING	27

REMARKS: Due to digestion limitations based upon sample mineralization, IC30 results for Al, Ba and Cr may vary.

REPORT COPIES TO: #1000 - 355 BURRARD ST

INVOICE TO: #1000 - 355 BURRARD ST

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01198.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 04-JUL-01 DATE PRINTED: 11-JUL-01

SAMPLE NUMBER	ELEMENT / UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
10741		<.5	56	<2	86	<1	40	14	<1.0	<5	<5	<5	2.71	547	<25	>2000	58	103	<20	<20	19	4.93	1.08	0.34	0.05	1.30	13	14	<10	11	14	10	<5	0.30	68	0.008
10742		0.7	239	5	129	<1	68	57	<1.0	<5	<5	6	7.65	2916	<25	1439	78	290	<20	<20	6	7.94	5.04	0.60	0.19	0.94	8	23	<10	40	18	20	<5	0.83	80	0.007
10743		<.5	72	11	80	5	65	37	<1.0	<5	7	<5	5.22	1146	<25	1164	138	189	<20	<20	19	6.54	1.79	2.10	1.17	0.80	110	21	<10	17	16	17	<5	0.75	80	0.014
10744		<.5	100	7	91	4	232	53	<1.0	<5	19	<5	5.68	946	<25	1063	156	138	<20	<20	53	6.94	1.30	4.28	0.92	1.82	161	23	<10	27	38	12	<5	0.96	114	0.030
10745		<.5	45	14	97	<1	87	37	<1.0	<5	20	5	5.31	991	<25	1323	154	139	<20	<20	64	7.04	1.18	1.30	1.11	1.65	99	28	<10	34	41	13	<5	0.85	110	0.020
10746		<.5	54	6	97	<1	89	44	<1.0	<5	16	12	5.76	1135	<25	1368	145	157	<20	<20	57	7.88	1.30	1.47	1.15	1.93	108	30	<10	35	37	15	<5	0.95	126	0.010
10747		<.5	55	17	93	5	108	44	<1.0	<5	21	<5	5.36	812	<25	1227	131	130	<20	<20	59	8.09	1.57	0.85	1.09	1.75	69	20	<10	39	30	11	<5	0.87	115	0.013
10748		<.5	76	25	130	4	170	58	1.9	<5	17	<5	7.65	1977	<25	1629	197	175	<20	<20	203	8.43	1.24	0.89	1.21	1.82	141	42	<10	41	74	19	<5	0.99	144	0.010
10749		<.5	74	16	123	2	200	65	1.0	<5	30	<5	7.71	1604	<25	1585	239	179	<20	<20	65	8.63	1.22	0.89	1.07	2.12	113	26	<10	43	43	16	<5	1.11	150	0.010
10750		<.5	124	9	95	<1	76	47	1.0	<5	11	5	5.50	1596	<25	>2000	178	192	<20	<20	23	6.54	2.33	2.53	1.19	0.93	135	29	<10	22	25	22	<5	0.79	79	0.022
10751		<.5	58	15	79	5	56	42	<1.0	<5	14	<5	6.23	2448	<25	855	154	165	<20	<20	18	6.02	1.19	1.57	0.69	0.47	76	17	<10	18	20	16	<5	0.59	49	0.074
14160		<.5	48	7	73	3	47	30	1.2	<5	6	6	3.99	968	<25	848	133	168	<20	<20	21	5.76	1.66	2.01	1.74	1.19	174	24	<10	18	18	16	<5	0.75	88	0.013
15601		<.5	33	5	84	6	50	26	<1.0	<5	<5	<5	4.10	601	<25	1203	119	141	<20	<20	35	7.21	1.34	1.57	1.44	1.44	155	21	<10	26	16	14	<5	0.76	86	0.011
15602		<.5	39	12	92	<1	48	27	<1.0	<5	<5	6	4.36	616	<25	1226	115	140	<20	<20	35	7.59	1.33	1.58	1.40	1.43	157	21	<10	27	15	14	<5	0.73	84	0.012
15603		<.5	39	<2	74	3	57	35	<1.0	<5	5	<5	4.98	1027	<25	1240	140	178	<20	<20	25	6.77	1.79	2.51	1.33	1.00	129	25	<10	18	15	17	<5	0.86	78	0.016
15604		<.5	75	17	157	1	70	33	<1.0	<5	7	<5	5.30	790	<25	>2000	107	162	<20	<20	39	8.76	1.45	0.44	0.68	2.22	52	24	<10	38	20	13	6	0.60	114	0.011
15605		<.5	48	12	87	4	60	37	<1.0	<5	9	<5	5.04	1116	<25	1295	125	171	<20	<20	28	6.84	1.65	2.39	1.30	1.12	142	24	<10	22	18	17	<5	0.82	80	0.013
15606		<.5	53	5	93	4	62	34	<1.0	<5	9	7	5.10	907	<25	1479	125	171	<20	<20	28	6.90	1.43	1.83	1.16	1.17	123	25	<10	23	15	16	<5	0.79	87	0.013
15607		<.5	39	5	80	3	54	32	<1.0	<5	<5	<5	4.68	877	<25	1297	136	176	<20	<20	24	6.58	1.71	2.33	1.32	0.94	128	24	<10	17	20	15	<5	0.82	79	0.011
15613		<.5	83	6	89	<1	104	46	<1.0	<5	11	<5	6.24	1460	<25	966	175	195	<20	<20	20	7.07	2.22	2.94	1.18	0.91	107	24	<10	22	18	28	<5	0.64	60	0.026
15614		<.5	51	<2	66	2	45	29	<1.0	<5	<5	10	6.46	760	<25	658	136	190	<20	<20	13	4.93	1.40	1.80	0.93	0.34	77	19	<10	10	15	11	<5	0.68	51	0.054
15615		<.5	47	<2	92	1	72	33	<1.0	<5	<5	<5	6.38	858	<25	652	225	198	<20	<20	12	5.91	2.30	2.82	0.94	0.39	84	18	<10	16	20	18	<5	0.69	48	0.045
15616		<.5	122	7	88	2	28	32	<1.0	<5	7	<5	4.19	2182	<25	1031	79	145	<20	<20	30	4.74	0.76	1.69	0.72	0.46	104	36	<10	21	13	13	<5	0.52	48	0.106
15617		<.5	96	<2	72	3	44	43	<1.0	<5	<5	10	6.94	941	<25	395	117	223	<20	<20	12	6.34	1.94	2.66	0.84	0.40	101	23	<10	19	21	18	5	0.89	46	0.061
15618		<.5	70	3	87	<1	69	46	<1.0	<5	7	<5	5.95	1351	<25	1106	167	207	<20	<20	15	7.30	2.09	3.02	1.00	0.66	102	25	<10	14	13	18	<5	0.82	68	0.032
15619		<.5	107	<2	122	2	91	42	<1.0	<5	<5	<5	6.50	1275	<25	1316	147	194	<20	<20	23	7.49	2.02	2.30	0.95	0.71	124	29	<10	19	18	28	<5	0.58	65	0.026
15620		<.5	159	9	113	5	55	32	<1.0	<5	17	<5	4.08	868	<25	>2000	78	170	<20	<20	47	5.63	1.15	0.51	0.33	1.18	40	30	<10	16	20	11	<5	0.56	97	0.020

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01198.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 04-JUL-01 DATE PRINTED: 11-JUL-01

STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM
CANMET LKSD-2		<.5	34	45	202	<1	27	22	1.0	<5	13	<5	4.22	1996	<25
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	34	45	202	<1	27	22	1.0	3	13	3	4.22	1996	13
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.8	37	44	209	2	26	17	0.8	-	9	1	4.30	2020	-
ANALYTICAL BLANK		<.5	1	<2	<2	2	<1	<1	<1.0	<5	<5	7	<0.01	<5	<25
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	1	1	1	2	<1	<1	0.5	3	3	7	<0.01	3	13
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1

STANDARD NAME	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
CANMET LKSD-2	732	44	69	<20	<20	60	6.37	0.95	1.50	1.34	1.83	225	39	<10	21	7	7	<5	0.34	135	0.159
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	732	44	69	10	10	60	6.37	0.95	1.50	1.34	1.83	225	39	5	21	7	7	3	0.34	135	0.159
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	780	57	77	5	-	68	6.50	1.01	1.57	1.43	2.19	220	44	-	20	16	13	<1	0.40	128	0.140
ANALYTICAL BLANK	<5	<2	<2	<20	<20	<5	<.01	<.01	<.01	<.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	3	1	1	10	10	3	<.01	<.01	<.01	<.01	<.01	<1	3	5	1	3	3	3	<.01	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	<1	1	1	<1	<1	<1	-	<.01	<.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01198.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 04-JUL-01 DATE PRINTED: 11-JUL-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
10749		<.5	74	16	123	2	200	65	1.0	<5	30	<5	7.71	1604	<25	1585	239	179	<20	<20	65	8.63	1.22	0.89	1.07	2.12	113	26	<10	43	43	16	<5	1.11	150	0.010
Duplicate		<.5	72	13	119	<1	199	63	1.1	<5	28	<5	7.60	1578	<25	1562	250	174	<20	<20	62	8.47	1.17	0.87	1.06	2.08	112	26	<10	42	44	16	<5	1.05	147	0.012
15619		<.5	107	<2	122	2	91	42	<1.0	<5	<5	<5	6.50	1275	<25	1316	147	194	<20	<20	23	7.49	2.02	2.30	0.95	0.71	124	29	<10	19	18	28	<5	0.58	65	0.026
Duplicate		<.5	107	2	124	1	90	43	<1.0	<5	<5	<5	6.64	1308	<25	1341	152	199	<20	<20	22	7.66	2.07	2.38	0.95	0.73	129	29	<10	19	17	30	<5	0.57	62	0.026

Geochemical Lab Report

BONDAR CLEGG

REPORT: V01-01219.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

SUBMITTED BY: G. BIDWELL

DATE RECEIVED: 04-JUL-01 DATE PRINTED: 9-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010707	1 Ag	Ag - IC30	2	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	2 Cu	Cu - IC30	2	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	3 Pb	Pb - IC30	2	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	4 Zn	Zn - IC30	2	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	5 Mo	Mo - IC30	2	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	6 Ni	Ni - IC30	2	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	7 Co	Co - IC30	2	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	8 Cd	Cd - IC30	2	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	9 Bi	Bi - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	10 As	As - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	11 Sb	Sb - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	12 Fe Tot	Fe - IC30	2	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	13 Mn	Mn - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	14 Te	Te - IC30	2	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	15 Ba	Ba - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	16 Cr	Cr - IC30	2	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	17 V	V - IC30	2	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	18 Sn	Sn - IC30	2	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	19 W	W - IC30	2	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	20 La	La - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	21 Al	Al - IC30	2	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	22 Mg	Mg - IC30	2	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	23 Ca	Ca - IC30	2	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	24 Na	Na - IC30	2	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	25 K	K - IC30	2	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	26 Sr	Sr - IC30	2	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	27 Y	Y - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	28 Ga	Ga - IC30	2	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	29 Li	Li - IC30	2	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	30 Nb	Nb - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	31 Sc	Sc - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	32 Ta	Ta - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	33 Ti	Ti - IC30	2	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	34 Zr	Zr - IC30	2	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010707	35 S	S - IC30	2	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	2	1 -80	2	DRYING	2
				DRY, SIEVE -80	2

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INVOICE TO: #1000 - 355 BURRARD ST

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BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01219.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 04-JUL-01 DATE PRINTED: 9-JUL-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM
LMSL1		<.5	64	4	190	2	104	34	<1.0	<5	<5	<5	4.21	970	<25	783	144	149
LMT01		<.5	105	5	89	3	290	60	<1.0	<5	10	<5	6.48	1205	<25	777	249	165

SAMPLE NUMBER	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
LMSL1	<20	<20	50	6.13	2.20	2.86	0.84	0.93	97	31	<10	27	19	21	<5	0.78	57	0.093
LMT01	<20	<20	21	6.50	4.73	2.77	0.82	0.86	74	21	<10	28	16	21	<5	0.60	49	0.023

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01219.0 (COMPLETE)

PROJECT: BOW-LOTTIE
DATE RECEIVED: 04-JUL-01 DATE PRINTED: 9-JUL-01

STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM
CANMET STSD-4		<.5	64	15	105	3	32	18	<1.0	<5	7	<5	3.96	1490	<25	1875	62	91
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	64	15	105	3	32	18	0.5	3	7	3	3.96	1490	13	1875	62	91
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.3	66	16	107	2	30	13	0.6	-	15	7	4.10	1520	-	2000	66	106
ANALYTICAL BLANK		<.5	<1	<2	<2	<1	<1	<1	<1.0	<5	<5	<5	<0.01	<5	<25	<5	<2	<2
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	<1	1	1	<1	<1	<1	0.5	3	3	3	<0.01	3	13	3	1	1
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1	<1	1	1

STANDARD NAME	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
CANMET STSD-4	<20	<20	18	6.45	1.19	2.77	1.71	1.14	316	17	<10	13	9	10	<5	0.41	51	0.105
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	10	10	18	6.45	1.19	2.77	1.71	1.14	316	17	5	13	9	10	3	0.41	51	0.105
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	2	-	24	6.40	1.28	2.86	2.00	1.33	350	24	-	14	9	14	<1	0.46	53	0.090
ANALYTICAL BLANK	<20	<20	<5	<.01	<.01	<.01	0.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	10	10	3	<.01	<.01	<.01	0.01	<.01	<1	3	5	1	3	3	3	<.01	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	<1	<1	<1	-	<.01	<.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01200.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

SUBMITTED BY: G. BIDWELL

DATE RECEIVED: 05-JUL-01 DATE PRINTED: 10-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010709	1 Ag	Ag - IC30	17	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	2 Cu	Cu - IC30	17	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	3 Pb	Pb - IC30	17	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	4 Zn	Zn - IC30	17	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	5 Mo	Mo - IC30	17	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	6 Ni	Ni - IC30	17	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	7 Co	Co - IC30	17	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	8 Cd	Cd - IC30	17	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	9 Bi	Bi - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	10 As	As - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	11 Sb	Sb - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	12 Fe Tot	Fe - IC30	17	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	13 Mn	Mn - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	14 Te	Te - IC30	17	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	15 Ba	Ba - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	16 Cr	Cr - IC30	17	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	17 V	V - IC30	17	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	18 Sn	Sn - IC30	17	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	19 W	W - IC30	17	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	20 La	La - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	21 Al	Al - IC30	17	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	22 Mg	Mg - IC30	17	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	23 Ca	Ca - IC30	17	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	24 Na	Na - IC30	17	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	25 K	K - IC30	17	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	26 Sr	Sr - IC30	17	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	27 Y	Y - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	28 Ga	Ga - IC30	17	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	29 Li	Li - IC30	17	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	30 Nb	Nb - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	31 Sc	Sc - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	32 Ta	Ta - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	33 Ti	Ti - IC30	17	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	34 Zr	Zr - IC30	17	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010709	35 S	S - IC30	17	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
T STREAM SED, SILT	17	1 -80	17	DRY, SIEVE -80	17
				DRYING	17

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CLIENT: EUREKA RESOURCES, INC.
PROJECT: BOW-LOTTIE
REPORT: V01-01200.0 (COMPLETE)
DATE RECEIVED: 05-JUL-01 DATE PRINTED: 10-JUL-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM
10427		<.5	60	3	98	2	53	34	<1.0	<5	13	<5	4.65	1503	<25	360	147	217
10428		<.5	32	5	126	<1	50	49	<1.0	<5	29	<5	5.94	7121	<25	370	116	210
10429		<.5	28	7	101	<1	43	36	<1.0	<5	21	<5	4.91	6070	<25	348	98	170
10430		<.5	72	2	64	<1	32	12	<1.0	<5	<5	<5	1.84	716	<25	382	92	93
10431		<.5	52	7	195	2	49	13	1.8	<5	<5	<5	2.26	752	<25	1668	210	144
10432		<.5	104	5	102	2	36	14	1.2	<5	<5	5	1.60	1508	<25	214	62	56
10433		<.5	53	12	128	<1	56	26	1.1	<5	7	<5	3.71	995	<25	1015	125	167
10434		<.5	44	12	110	2	67	30	<1.0	<5	6	<5	4.35	763	<25	1115	119	141
10435		<.5	51	<2	81	<1	110	47	<1.0	<5	12	<5	8.32	1775	<25	930	149	197
10436		<.5	74	<2	88	<1	197	51	<1.0	<5	9	<5	6.14	1216	<25	945	218	215
10437		<.5	97	11	86	<1	40	29	<1.0	<5	35	<5	4.00	2317	<25	358	145	164
10438		<.5	55	8	115	5	70	37	<1.0	<5	37	<5	5.07	1300	<25	1479	134	162
10439		<.5	234	15	171	2	132	40	<1.0	<5	18	<5	5.44	2203	<25	>2000	275	191
10440		<.5	139	14	141	4	95	35	1.0	<5	15	<5	4.87	2772	<25	>2000	193	181
15416		<.5	138	14	127	<1	105	33	<1.0	<5	13	<5	4.60	2246	<25	>2000	225	177
15417		<.5	167	11	130	<1	68	29	<1.0	<5	<5	<5	4.25	1418	<25	>2000	148	166
15418		<.5	33	6	76	<1	83	36	<1.0	<5	6	<5	4.13	2531	<25	463	172	168

SAMPLE NUMBER	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
10427	<20	<20	25	6.32	1.34	2.33	1.24	0.47	108	76	<10	29	18	47	<5	0.61	52	0.078
10428	<20	<20	17	5.55	1.37	2.46	1.14	0.43	102	30	<10	26	18	24	7	0.57	46	0.090
10429	<20	<20	33	4.97	1.17	2.19	0.97	0.51	96	27	<10	23	15	21	<5	0.50	36	0.106
10430	<20	<20	9	2.28	0.92	2.03	0.37	0.60	45	29	<10	6	8	12	<5	0.22	21	0.225
10431	<20	<20	36	3.40	1.24	2.04	0.41	0.76	66	42	<10	14	14	11	<5	0.31	36	0.052
10432	<20	<20	20	2.73	0.52	2.29	0.24	0.17	51	33	<10	6	<5	10	<5	0.16	14	0.219
10433	<20	<20	18	4.75	1.45	2.57	0.82	0.57	99	28	<10	12	13	20	9	0.57	38	0.076
10434	<20	<20	49	5.62	1.24	1.39	0.98	1.20	83	26	<10	26	21	19	<5	0.70	82	0.017
10435	<20	<20	22	5.87	1.88	2.59	1.22	0.76	121	22	<10	23	16	22	<5	0.60	52	0.032
10436	<20	<20	23	6.74	3.29	2.97	1.25	0.82	116	24	<10	27	17	25	<5	0.63	52	0.025
10437	<20	<20	28	4.98	1.09	2.27	1.16	0.72	114	37	<10	30	17	22	<5	0.56	44	0.069
10438	<20	<20	27	6.38	1.53	2.39	0.91	0.85	98	27	<10	24	15	18	<5	0.80	60	0.049
10439	<20	<20	30	5.99	2.03	2.40	0.85	0.89	132	40	<10	29	17	30	<5	0.51	50	0.058
10440	<20	<20	30	5.14	1.83	1.67	0.56	1.02	90	30	<10	24	19	21	<5	0.43	52	0.070
15416	<20	<20	31	5.16	2.02	1.31	0.55	1.17	96	27	<10	27	20	20	<5	0.43	56	0.049
15417	<20	<20	26	5.33	1.51	2.23	0.79	0.76	112	33	<10	22	16	24	<5	0.48	49	0.077
15418	<20	<20	23	5.06	1.67	2.69	1.20	0.44	100	24	<10	16	17	22	<5	0.76	35	0.051

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

REPORT: V01-01200.0 (COMPLETE)

DATE RECEIVED: 05-JUL-01 DATE PRINTED: 10-JUL-01

STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM
CANMET STSD-4		<.5	68	15	110	<1	33	19	<1.0	<5	15	<5	4.12	1583	<25	>2000
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	68	15	110	<1	33	19	0.5	3	15	3	4.12	1583	13	2000
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.3	66	16	107	2	30	13	0.6	-	15	7	4.10	1520	-	2000
ANALYTICAL BLANK		<.5	<1	3	2	<1	1	<1	<1.0	6	<5	<5	<0.01	<5	<25	<5
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	<1	3	2	<1	1	<1	0.5	6	3	3	<0.01	3	13	3
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1	<1

STANDARD NAME	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
CANMET STSD-4	80	114	<20	<20	22	6.86	1.23	2.86	2.17	1.42	387	22	<10	16	9	14	<5	0.41	58	0.107
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	80	114	10	10	22	6.86	1.23	2.86	2.17	1.42	387	22	5	16	9	14	3	0.41	58	0.107
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	66	106	2	-	24	6.40	1.28	2.86	2.00	1.33	350	24	-	14	9	14	<1	0.46	53	0.090
ANALYTICAL BLANK	3	<2	<20	<20	<5	<.01	<.01	<.01	<.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	3	1	10	10	3	<.01	<.01	<.01	<.01	<.01	<1	3	5	1	3	3	3	<.01	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	1	1	<1	<1	<1	-	<.01	<.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.

PROJECT: BOW-LOTTIE

REPORT: V01-01200.0 (COMPLETE)

DATE RECEIVED: 05-JUL-01 DATE PRINTED: 10-JUL-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
10427		<.5	60	3	98	2	53	34	<1.0	<5	13	<5	4.65	1503	<25	360	147	217	<20	<20	25	6.32	1.34	2.33	1.24	0.47	108	76	<10	29	18	47	<5	0.61	52	0.078
Duplicate		<.5	52	3	87	1	50	33	<1.0	<5	6	<5	4.36	1421	<25	353	148	206	<20	<20	22	5.99	1.28	2.25	1.20	0.44	104	70	<10	28	18	43	<5	0.59	48	0.073

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01676.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: 74

SUBMITTED BY: W. GRUENWALD

DATE RECEIVED: 29-AUG-01 DATE PRINTED: 4-SEP-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010831	1 Ag	Ag - IC30	15	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	2 Cu	Cu - IC30	15	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	3 Pb	Pb - IC30	15	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	4 Zn	Zn - IC30	15	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	5 Mo	Mo - IC30	15	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	6 Ni	Ni - IC30	15	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	7 Co	Co - IC30	15	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	8 Cd	Cd - IC30	15	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	9 Bi	Bi - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	10 As	As - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	11 Sb	Sb - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	12 Fe Tot	Fe - IC30	15	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	13 Mn	Mn - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	14 Te	Te - IC30	15	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	15 Ba	Ba - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	16 Cr	Cr - IC30	15	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	17 V	V - IC30	15	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	18 Sn	Sn - IC30	15	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	19 W	W - IC30	15	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	20 La	La - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	21 Al	Al - IC30	15	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	22 Mg	Mg - IC30	15	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	23 Ca	Ca - IC30	15	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	24 Na	Na - IC30	15	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	25 K	K - IC30	15	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	26 Sr	Sr - IC30	15	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	27 Y	Y - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	28 Ga	Ga - IC30	15	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	29 Li	Li - IC30	15	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	30 Nb	Nb - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	31 Sc	Sc - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	32 Ta	Ta - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	33 Ti	Ti - IC30	15	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	34 Zr	Zr - IC30	15	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	35 S	S - IC30	15	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
T STREAM SED, SILT	2	1 -80	15	DRY, SIEVE -80	13
S SOIL	13				

REMARKS: Due to digestion limitations based upon sample mineralization, IC30 results for Al, Ba and Cr may vary.

REPORT COPIES TO: #1000 - 355 BURRARD ST
MR. WARNER GRUENWALD

INVOICE TO: #1000 - 355 BURRARD ST

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.

REPORT: V01-01676.0 (COMPLETE)

PROJECT: 74

DATE RECEIVED: 29-AUG-01 DATE PRINTED: 4-SEP-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM
376SL		<.5	104	7	110	2	75	38	<1.0	<5	<5	<5	5.89	1264	<25	634	142	190
377SL		<.5	58	7	79	<1	49	28	<1.0	<5	<5	<5	4.16	1069	<25	497	119	144
0+00 12+50SB		<.5	26	12	71	<1	40	32	<1.0	<5	6	<5	5.43	645	<25	967	106	207
2E 12+50SB		<.5	27	9	76	<1	44	33	<1.0	<5	<5	<5	5.34	718	<25	864	85	182
L4E 13+50SB		<.5	34	6	91	3	44	26	<1.0	<5	7	7	4.97	503	<25	898	103	161
L4E 14+50SB		<.5	25	4	114	<1	34	29	<1.0	<5	<5	<5	5.08	508	<25	716	103	157
L4E 15+00SB		<.5	21	3	81	1	40	28	<1.0	<5	8	<5	4.91	507	<25	891	97	167
L5E 14+00SB		<.5	32	8	96	<1	54	36	<1.0	<5	10	<5	9.14	741	<25	733	170	244
L5E 14+50SB		<.5	28	7	145	3	42	31	<1.0	<5	<5	<5	7.22	617	<25	788	138	201
L6E 14+00SB		0.5	27	10	90	<1	38	28	<1.0	<5	22	<5	5.34	560	<25	802	126	181
L6E 15+50SB		<.5	36	9	115	<1	42	29	<1.0	<5	13	<5	6.30	530	<25	946	114	203
L7E 14+50SB		<.5	35	8	105	<1	43	29	<1.0	<5	5	<5	5.04	613	<25	1109	121	173
L7E 15+00SB		<.5	46	13	90	<1	56	34	<1.0	<5	<5	<5	5.52	751	<25	839	139	190
L7E 15+50SB		<.5	31	13	140	<1	44	30	1.5	<5	<5	<5	5.34	585	<25	1011	113	189
L7E 16+00SB		<.5	31	6	99	<1	41	26	<1.0	<5	15	<5	6.80	464	<25	941	115	199

SAMPLE NUMBER	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
376SL	<20	<20	21	6.90	1.95	3.38	0.98	0.45	116	44	<10	26	11	26	<5	0.66	46	0.072
377SL	<20	<20	26	5.34	1.43	2.85	0.98	0.47	135	47	<10	13	11	22	<5	0.57	37	0.125
0+00 12+50SB	<20	<20	23	6.32	1.44	1.87	1.06	0.66	93	17	<10	20	17	14	<5	0.81	53	0.020
2E 12+50SB	<20	<20	23	6.14	1.74	2.14	1.22	0.66	115	17	<10	22	15	14	<5	0.74	50	0.024
L4E 13+50SB	<20	<20	28	6.01	1.26	1.48	1.04	0.75	104	18	<10	24	15	12	<5	0.67	49	0.027
L4E 14+50SB	<20	<20	22	5.76	1.15	1.84	1.15	0.61	114	16	<10	24	14	12	<5	0.72	50	0.028
L4E 15+00SB	<20	<20	22	5.70	1.30	1.71	1.15	0.70	113	16	<10	22	15	12	<5	0.76	51	0.022
L5E 14+00SB	<20	<20	13	6.37	1.88	2.68	0.96	0.46	96	17	<10	24	17	15	<5	0.89	42	0.038
L5E 14+50SB	24	<20	19	5.88	1.42	2.09	1.02	0.67	112	15	<10	26	17	13	<5	0.76	51	0.036
L6E 14+00SB	<20	<20	19	5.55	1.30	2.03	1.08	0.60	111	18	<10	18	15	13	<5	0.73	49	0.033
L6E 15+50SB	<20	<20	22	5.74	1.07	1.35	0.84	0.79	[illegible]	13	<10	35	18	10	<5	0.75	48	0.036
L7E 14+50SB	<20	<20	24	5.87	1.52	1.84	1.11	0.77	108	17	<10	24	13	13	<5	0.70	52	0.025
L7E 15+00SB	<20	<20	17	5.86	1.72	2.38	1.15	0.52	106	18	<10	16	14	14	<5	0.74	51	0.036
L7E 15+50SB	<20	<20	23	5.87	1.26	1.63	1.07	0.80	105	15	<10	29	15	14	<5	0.77	55	0.024
L7E 16+00SB	<20	<20	19	5.43	1.19	1.46	0.84	0.64	80	13	<10	20	17	10	<5	0.74	48	0.033

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01676.0 (COMPLETE)

PROJECT: 74

DATE RECEIVED: 29-AUG-01 DATE PRINTED: 4-SEP-01

STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM
CANMET STSD-4		<.5	66	20	102	1	33	21	<1.0	<5	13	8	4.00	1452	<25	1893	68	94
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	66	20	102	1	33	21	0.5	3	13	8	4.00	1452	13	1893	68	94
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.3	66	16	107	2	30	13	0.6	-	15	7	4.10	1520	-	2000	66	106
ANALYTICAL BLANK		<.5	<1	4	<2	<1	2	<1	<1.0	<5	<5	<5	<0.01	<5	<25	<5	<2	<2
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	<1	4	1	<1	2	<1	0.5	3	3	3	<0.01	3	13	3	1	1
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1	<1	1	1

STANDARD NAME	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
CANMET STSD-4	<20	<20	19	6.33	1.23	2.69	1.84	1.22	344	18	<10	14	9	10	<5	0.41	45	0.100
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	10	10	19	6.33	1.23	2.69	1.84	1.22	344	18	5	14	9	10	3	0.41	45	0.100
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	2	-	24	6.40	1.28	2.86	2.00	1.33	350	24	-	14	9	14	<1	0.46	53	0.090
ANALYTICAL BLANK	<20	<20	<5	<.01	<.01	<.01	<.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	10	10	3	<.01	<.01	<.01	<.01	<.01	<1	3	5	1	3	3	3	<.01	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	<1	<1	<1	-	<.01	<.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001

CLIENT: EUREKA RESOURCES, INC.

REPORT: V01-01676.0 (COMPLETE)

PROJECT: 74

DATE RECEIVED: 29-AUG-01 DATE PRINTED: 4-SEP-01

SAMPLE NUMBER	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM
L4E 15+00SB	<.5	21	3	81	1	40	28	<1.0	<5	8	<5	4.91	507	<25	891	97	167	<20
Duplicate	<.5	21	4	84	2	47	28	<1.0	<5	9	<5	4.98	515	<25	913	109	169	<20

SAMPLE NUMBER	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
L4E 15+00SB	<20	22	5.70	1.30	1.71	1.15	0.70	113	16	<10	22	15	12	<5	0.76	51	0.022
Duplicate	<20	24	5.80	1.30	1.73	1.16	0.71	114	16	<10	22	14	12	<5	0.76	51	0.023

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01675.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: 74

SUBMITTED BY: W. GRUENWALD

DATE RECEIVED: 29-AUG-01 DATE PRINTED: 4-SEP-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010831	1 Ag	Ag - IC30	3	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	2 Cu	Cu - IC30	3	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	3 Pb	Pb - IC30	3	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	4 Zn	Zn - IC30	3	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	5 Mo	Mo - IC30	3	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	6 Ni	Ni - IC30	3	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	7 Co	Co - IC30	3	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	8 Cd	Cd - IC30	3	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	9 Bi	Bi - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	10 As	As - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	11 Sb	Sb - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	12 Fe Tot	Fe - IC30	3	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	13 Mn	Mn - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	14 Te	Te - IC30	3	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	15 Ba	Ba - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	16 Cr	Cr - IC30	3	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	17 V	V - IC30	3	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	18 Sn	Sn - IC30	3	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	19 W	W - IC30	3	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	20 La	La - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	21 Al	Al - IC30	3	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	22 Mg	Mg - IC30	3	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	23 Ca	Ca - IC30	3	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	24 Na	Na - IC30	3	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	25 K	K - IC30	3	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	26 Sr	Sr - IC30	3	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	27 Y	Y - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	28 Ga	Ga - IC30	3	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	29 Li	Li - IC30	3	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	30 Nb	Nb - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	31 Sc	Sc - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	32 Ta	Ta - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	33 Ti	Ti - IC30	3	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	34 Zr	Zr - IC30	3	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
010831	35 S	S - IC30	3	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	3	2 -150	3	CRUSH/SPLIT & PULV.	3

REMARKS: Due to digestion limitations based upon sample mineralization, IC30 results for Al, Ba and Cr may vary.

REPORT COPIES TO: #1000 - 355 BURRARD ST
MR. WARNER GRUENWALD

INVOICE TO: #1000 - 355 BURRARD ST

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01675.0 (COMPLETE)

PROJECT: 74
DATE RECEIVED: 29-AUG-01 DATE PRINTED: 4-SEP-01

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
372R		<.5	34	18	101	2	43	19	<1.0	<5	21	<5	4.50	340	<25	>2000	85	97	<20	<20	59	>10.00	1.22	0.12	0.95	4.04	41	18	19	51	14	11	<5	0.43	71	0.005
373R		<.5	27	14	33	<1	18	10	<1.0	<5	15	<5	1.19	645	<25	>2000	73	20	<20	<20	10	1.69	0.32	0.05	0.26	0.67	31	7	<10	12	<5	7	<5	0.10	31	0.027
TE 15+35R		5.0	118	35	284	18	39	3	1.4	<5	7	<5	1.64	55	<25	452	179	235	<20	<20	<5	0.44	0.07	0.02	0.01	0.19	3	7	<10	9	20	<5	5	0.01	6	0.010

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01675.0 (COMPLETE)

PROJECT: 74
DATE RECEIVED: 29-AUG-01 DATE PRINTED: 4-SEP-01

STANDARD NAME	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM
CANMET LKSD-2		<.5	38	43	213	2	30	22	<1.0	<5	15	<5	4.45	1975	<25	744	39	66	<20	<20	60
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	38	43	213	2	30	22	0.5	3	15	3	4.45	1975	13	744	39	66	10	10	60
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.8	37	44	209	2	26	17	0.8	-	9	1	4.30	2020	-	780	57	77	5	-	68
ANALYTICAL BLANK		<.5	<1	<2	<2	<1	<1	<1	<1.0	<5	<5	<5	<0.01	<5	<25	<5	<2	<2	<20	<20	<5
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.3	<1	1	1	<1	<1	<1	0.5	3	3	3	<0.01	3	13	3	1	1	10	10	3
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1	<1	1	1	<1	<1	<1

STANDARD NAME	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
CANMET LKSD-2	6.40	0.96	1.47	1.35	1.54	231	36	<10	22	8	8	<5	0.32	106	0.151
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	6.40	0.96	1.47	1.35	1.54	231	36	5	22	8	8	3	0.32	106	0.151
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	6.50	1.01	1.57	1.43	2.19	220	44	-	20	16	13	<1	0.40	128	0.140
ANALYTICAL BLANK	<0.01	<.01	<.01	<.01	<.01	<1	<5	<10	<2	<5	<5	<5	<.01	<5	<.002
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	<0.01	<.01	<.01	<.01	<.01	<1	3	5	1	3	3	3	<.01	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	<.01	<.01	-	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1	<.001

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01939.0 (COMPLETE)

REFERENCE:

CLIENT: EUREKA RESOURCES, INC.

PROJECT: WELLS

SUBMITTED BY: UNKNOWN

DATE RECEIVED: 02-OCT-01 DATE PRINTED: 5-OCT-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
011004	1 Au30	Au - FA30	8	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
011004	2 Ag	Ag - IC30	24	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	3 Cu	Cu - IC30	24	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	4 Pb	Pb - IC30	24	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	5 Zn	Zn - IC30	24	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	6 Mo	Mo - IC30	24	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	7 Ni	Ni - IC30	24	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	8 Co	Co - IC30	24	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	9 Cd	Cd - IC30	24	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	10 Bi	Bi - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	11 As	As - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	12 Sb	Sb - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	13 Fe Tot	Fe - IC30	24	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	14 Mn	Mn - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	15 Te	Te - IC30	24	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	16 Ba	Ba - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	17 Cr	Cr - IC30	24	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	18 V	V - IC30	24	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	19 Sn	Sn - IC30	24	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	20 W	W - IC30	24	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	21 Li	Li - IC30	24	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	22 Ga	Ga - IC30	24	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	23 La	La - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	24 Sc	Sc - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	25 Ta	Ta - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	26 Ti	Ti - IC30	24	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	27 Al	Al - IC30	24	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	28 Mg	Mg - IC30	24	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	29 Ca	Ca - IC30	24	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	30 Na	Na - IC30	24	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	31 K	K - IC30	24	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	32 Nb	Nb - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	33 Sr	Sr - IC30	24	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	34 Y	Y - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	35 Zr	Zr - IC30	24	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
011004	36 S	S - IC30	24	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	24	2 -150	24	CRUSH/SPLIT & PULV.	24
				OVERWEIGHT/KG	29
				SILICA CLEANING	17
				RIVER ROCK CLEANING	17

REMARKS: Due to digestion limitations based upon sample mineralization, IC30 results for Al, Ba and Cr may vary.

REPORT COPIES TO: MR. JOHN J. O'NEILL
MR. WARNER GRUENWALD

INVOICE TO: MR. JOHN J. O'NEILL

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01939.0 (COMPLETE)

PROJECT: WELLS

DATE RECEIVED: 02-OCT-01 DATE PRINTED: 5-OCT-01

SAMPLE NUMBER	ELEMENT Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe Tot	Mn	Te	Ba	Cr	V	Sn	W	Li	Ga	La	Sc	Ta	Ti	Al	Mg	Ca	Na	K	Nb	Sr	Y	Zr	S
	UNITS PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PCT
LS001		0.6	43	11	183	<1	71	10	<1.0	<5	<5	<5	2.60	188	<25	>2000	145	90	<20	<20	44	<10	26	9	<5	0.25	3.66	1.44	1.55	0.13	1.32	13	138	15	63	1.056
LS002		<0.5	59	14	118	1	51	13	<1.0	<5	<5	<5	2.85	210	<25	1053	107	109	<20	<20	42	<10	19	10	<5	0.22	3.89	1.36	1.18	0.18	1.24	13	178	11	59	1.924
LS003	8	1.5	76	13	169	13	83	11	1.3	<5	8	<5	2.08	92	<25	1043	229	120	<20	<20	31	<10	30	11	<5	0.25	3.90	0.93	1.16	0.11	1.52	16	225	22	70	1.880
LS004		1.9	85	8	161	17	66	11	<1.0	<5	6	<5	2.31	92	<25	1043	285	133	<20	<20	30	<10	37	12	<5	0.27	3.99	0.78	0.96	0.09	1.76	18	219	28	71	2.160
LS005		1.2	42	7	138	8	70	5	1.2	<5	<5	<5	1.07	58	<25	>2000	201	87	<20	<20	18	<10	18	5	<5	0.13	2.31	0.63	0.85	0.10	1.02	9	123	15	40	0.977
LS006		1.0	25	<2	113	7	63	4	1.3	<5	<5	<5	0.85	22	<25	1048	174	76	<20	<20	12	<10	12	<5	<5	0.10	1.78	0.21	0.07	0.12	0.77	8	24	11	27	0.862
LS007		0.6	17	2	102	6	45	6	<1.0	<5	<5	<5	1.04	99	<25	696	159	59	<20	<20	14	<10	13	<5	<5	0.14	2.20	0.54	0.59	0.18	0.93	7	90	11	36	0.948
LS008		0.6	18	6	69	3	36	5	<1.0	<5	<5	<5	1.13	193	<25	356	128	55	<20	<20	10	<10	11	<5	<5	0.12	2.09	1.41	2.45	0.16	0.95	6	160	8	32	0.930
LS009		<0.5	32	21	105	<1	40	21	<1.0	<5	<5	<5	4.42	463	<25	1258	130	82	<20	<20	47	11	65	13	<5	0.37	8.32	1.20	2.08	1.48	3.16	15	257	17	88	1.953
LS010	<5	<0.5	39	30	105	1	49	29	<1.0	<5	12	<5	5.18	420	<25	1416	115	103	<20	<20	66	15	75	16	<5	0.45	>10.00	1.40	0.64	0.89	3.36	20	78	20	97	0.603
LS011		<0.5	28	24	77	3	38	23	<1.0	<5	9	<5	3.88	596	<25	1087	118	77	<20	<20	49	12	47	11	<5	0.37	6.96	1.01	1.33	0.70	3.08	16	126	13	91	0.374
LS012	<5	<0.5	7	11	18	4	6	4	<1.0	<5	<5	<5	0.97	228	<25	163	150	14	<20	<20	8	<10	<5	<5	<5	0.03	1.26	0.13	0.27	0.52	0.18	<5	19	<5	9	0.007
LS013	<5	<0.5	35	28	78	<1	38	26	<1.0	<5	<5	<5	5.09	507	<25	>2000	130	100	<20	<20	54	<10	42	14	<5	0.49	8.16	1.33	0.23	1.42	2.43	19	54	16	91	0.009
LS014	<5	0.5	17	4	53	3	40	8	<1.0	<5	<5	<5	1.69	529	<25	949	133	56	<20	<20	22	<10	22	<5	<5	0.17	2.44	0.80	5.84	0.31	0.75	8	188	22	35	0.047
LS015		0.7	74	8	144	3	76	13	<1.0	<5	<5	<5	2.74	89	<25	>2000	243	125	<20	<20	57	<10	33	12	<5	0.30	4.74	1.46	1.10	0.06	1.87	15	73	24	70	1.030
LS016		0.9	61	6	119	4	39	8	<1.0	<5	<5	<5	1.95	100	<25	>2000	189	95	<20	<20	39	<10	27	10	<5	0.22	3.61	0.92	1.16	0.10	1.51	12	112	19	61	1.263
LS017	<5	1.1	28	8	154	142	73	5	1.3	<5	17	<5	1.47	146	<25	>2000	168	73	<20	<20	17	<10	15	<5	<5	0.15	2.57	1.07	1.86	0.18	1.07	9	162	9	38	1.283
LS018	<5	1.2	24	6	106	46	53	6	<1.0	<5	15	<5	3.98	184	<25	523	169	65	<20	<20	16	<10	20	<5	<5	0.14	2.60	1.01	1.90	0.17	1.06	8	132	14	38	3.807
LS019		1.2	14	<2	77	23	43	4	1.0	<5	<5	<5	1.23	296	<25	971	183	58	<20	<20	9	<10	11	<5	<5	0.08	1.35	1.23	2.58	0.04	0.59	6	134	9	22	0.994
LS020		1.3	16	5	41	10	32	2	<1.0	<5	<5	<5	1.13	203	<25	454	126	31	<20	<20	8	<10	<5	<5	<5	0.04	0.72	1.01	2.21	0.01	0.33	<5	89	<5	12	0.962
LS021		0.9	11	4	40	12	25	3	<1.0	<5	<5	<5	1.05	235	<25	424	111	34	<20	<20	10	<10	6	<5	<5	0.06	0.98	1.26	2.47	0.02	0.45	<5	96	<5	18	0.905
LS022		1.7	13	4	78	66	52	2	<1.0	<5	19	<5	1.19	378	<25	245	134	64	<20	<20	11	<10	18	<5	<5	0.04	0.91	3.28	8.53	0.02	0.33	6	357	19	<5	0.769
LS023		2.1	7	5	30	47	12	2	<1.0	<5	<5	<5	0.45	628	<25	112	28	11	<20	<20	3	<10	<5	<5	<5	0.02	0.25	2.38	>10.00	<.01	0.10	<5	691	<5	<5	0.380
PLR01	8	12.0	145	4	24	<1	9	3	<1.0	<5	<5	<5	1.55	164	<25	86	189	15	<20	<20	9	<10	<5	<5	<5	0.03	0.35	0.15	0.87	0.02	0.06	<5	15	<5	<5	1.097

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01939.0 (COMPLETE)

DATE RECEIVED: 02-OCT-01 DATE PRINTED: 5-OCT-01

PROJECT: WELLS

STANDARD NAME	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	Li PPM	Ga PPM	La PPM	Sc PPM	Ta PPM	Ti PCT	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Nb PPM	Sr PPM	Y PPM	Zr PPM	S PCT
ANALYTICAL BLANK	<5	<0.5	2	<2	<2	<1	<1	<1	<1.0	<5	<5	<5	0.02	<5	<25	<5	<2	<2	<20	<20	<2	<10	<5	<5	<5	<.01	<0.01	<.01	<0.01	<.01	<.01	<5	<1	<5	<5	<.002
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	3	0.3	2	1	1	<1	<1	<1	0.5	3	3	3	0.02	3	13	3	1	1	10	10	1	5	3	3	3	<.01	<0.01	<.01	<0.01	<.01	<.01	3	<1	3	3	0.001
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	5	0.2	1	2	1	1	1	1	0.5	2	5	5	0.05	1	<1	<1	1	1	<1	<1	<1	<1	<1	<1	<1	<.01	-	<.01	<0.01	-	<.01	<1	<1	<1	<1	<.001
OX11 Oxide	2942	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	2942	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	2940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GS91-1	-	1.1	97	12	84	1	44	30	<1.0	<5	<5	<5	5.34	904	<25	710	82	178	<20	<20	31	<10	11	19	<5	0.46	7.58	2.03	2.12	1.62	1.12	16	251	12	50	0.035
Number of Analyses	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	-	1.1	97	12	84	1	44	30	0.5	3	3	3	5.34	904	13	710	82	178	10	10	31	5	11	19	3	0.46	7.58	2.03	2.12	1.62	1.12	16	251	12	50	0.035
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	0.7	99	11	88	2	40	18	0.1	1	8	1	4.95	850	-	800	108	175	4	2	32	4	10	18	1	0.51	8.30	1.90	1.85	1.82	1.00	17	265	13	60	0.030

BONDAR CLEGG

Geochemical Lab Report

CLIENT: EUREKA RESOURCES, INC.
REPORT: V01-01939.0 (COMPLETE)

PROJECT: WELLS

DATE RECEIVED: 02-OCT-01 DATE PRINTED: 5-OCT-01

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM
LS010		<5	<0.5	39	30	105	1	49	29	<1.0	<5	12	<5	5.18	420	<25	1416	115
Duplicate			<0.5	39	31	102	<1	48	29	<1.0	<5	9	<5	5.17	420	<25	1410	102

SAMPLE NUMBER	V PPM	Sn PPM	W PPM	Li PPM	Ga PPM	La PPM	Sc PPM	Ta PPM	Ti PCT	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Nb PPM	Sr PPM	Y PPM	Zr PPM	S PCT
LS010	103	<20	<20	66	15	75	16	<5	0.45	>10.00	1.40	0.64	0.89	3.36	20	78	20	97	0.603
Duplicate	92	<20	<20	61	14	74	15	<5	0.44	>10.00	1.40	0.64	0.77	3.21	19	71	18	88	0.539

Bondar Clegg Canada Limited, 130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, (604) 985-0681

BOW-LOTTIE SAMPLING
2001
ROCK SAMPLES

Sample ID	Area	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LMR01	Lottie Main		-0.5	7.21	-5	55	-5	6.55	-1.0	47	204	82	7.17	-10	0.11	7	13	2.85	1449	2	2.06	20	48	-2	0.578	-5	34	-20	84	-5	-25	0.87	301	-20	34	89	82
LMR02	Lottie Main		-0.5	6.69	-5	834	-5	0.30	-1.0	21	110	41	4.76	11	1.96	33	19	0.88	382	4	0.07	19	41	4	0.800	-5	20	-20	15	-5	-25	0.45	159	-20	23	55	120
LMR03	Lottie Main		-0.5	4.23	8	172	-5	0.05	-1.0	23	122	131	5.87	-10	1.13	30	19	0.61	365	-1	0.45	6	12	13	1.407	-5	-5	-20	11	-5	-25	0.17	30	-20	12	62	83
LMR04	Lottie Main		16.1	6.49	19	554	38	0.12	33.2	53	145	395	8.23	-10	1.95	44	24	0.95	532	-1	0.09	11	34	8177	2.500	-5	11	-20	11	-5	-25	0.33	61	-20	15	12314	78
LSR1	Lottie South		-0.5	1.75	-5	2000	-5	0.08	-1.0	3	206	22	1.20	-10	0.81	11	14	0.28	136	-1	0.22	-5	15	18	0.008	-5	5	-20	48	-5	-25	0.11	30	-20	7	41	32
LSR2	Lottie South		-0.5	1.83	5	2000	-5	0.04	-1.0	2	289	28	1.24	-10	0.86	8	12	0.13	32	2	0.38	-5	18	16	0.028	-5	-5	-20	20	-5	-25	0.11	38	-20	-5	45	32
168006	Placer Road		-0.5	2.90	9	2000	-5	0.05	-1	4	73	50	3.14	-10	0.81	10	10	0.49	531	1	0.07	8	16	-2	0.160	-5	7	-20	9	-5	-25	0.16	54	-20	8	45	51
168007	Placer Road		-0.5	0.19	16	199	-5	0.03	-1	1	176	18	2.54	-10	0.03	-5	-2	0.05	1311	5	-0.01	-5	7	2	1.088	11	-5	-20	4	-5	-25	-0.01	34	-20	-5	13	6
168008	Placer Road		-0.5	3.34	24	2000	-5	0.07	-1	8	58	54	3.29	-10	1.14	12	9	0.32	9750	-1	0.07	11	33	8	0.218	-5	7	-20	31	-5	-25	0.17	80	-20	9	66	47
168009	Placer Road		-0.5	2.71	11	2000	-5	0.03	-1	5	60	41	3.11	-10	0.92	10	10	0.45	11125	-1	0.02	8	21	8	0.131	11	6	-20	26	5	-25	0.16	63	-20	9	52	42
168010	Placer Road		-0.5	3.80	9	2000	-5	0.03	-1	5	70	58	3.41	-10	0.91	13	16	0.86	2578	-1	0.10	9	24	4	0.022	-5	7	-20	14	-5	-25	0.20	72	-20	11	51	53
168011	Placer Road		-0.5	0.90	-5	1110	-5	0.02	-1	2	80	13	2.72	-10	0.24	-5	5	0.13	3494	-1	0.02	-5	8	3	0.025	6	-5	-20	7	-5	-25	0.06	36	-20	-5	23	19
168012	Placer Road		-0.5	2.37	102	2000	-5	0.54	-1	8	64	110	5.46	-10	0.79	15	4	0.24	14880	-1	0.05	13	91	9	0.202	18	6	-20	43	11	-25	0.16	117	-20	9	187	44
168013	Placer Road		-0.5	7.27	32	2000	-5	0.45	1	47	76	45	9.68	-10	0.98	6	48	2.31	5644	-1	0.64	22	68	-2	0.022	-5	29	-20	41	-5	-25	0.88	288	-20	24	132	61
168014	Placer Road		-0.5	1.49	70	1869	-5	0.65	-1	6	46	47	9.92	-10	0.43	5	5	0.32	20000	-1	0.03	7	71	9	0.381	8	5	-20	88	21	-25	0.14	81	-20	8	73	21
168015	Placer Road	225	-0.5	2.11	182	2000	-5	0.12	1.1	8	44	78	10.00	-10	0.64	9	5	0.23	20000	2	0.04	9	97	24	1.596	10	5	-20	44	-5	-25	0.16	100	-20	8	90	34
168016	Placer Road		-0.5	0.33	23	489	-5	0.03	-1	1	205	12	1.17	-10	0.08	-5	-2	0.05	2337	5	0.02	-5	10	6	0.015	10	-5	-20	4	-5	-25	0.02	27	-20	-5	12	-5
168017	Placer Road		0.8	3.47	41	2000	-5	0.06	-1	5	59	87	2.29	-10	1.15	14	8	0.24	6218	-1	0.06	19	60	9	0.029	31	8	-20	18	-5	-25	0.22	160	-20	10	68	58
168018	Grid 4		-0.5	7.85	-5	95	-5	8.80	-1	47	285	46	6.84	-10	0.21	-5	7	4.27	1449	1	1.46	13	121	-2	0.123	-5	29	-20	89	-5	-25	0.49	220	-20	20	68	38
168019	Two Sisters North		-0.5	0.91	-5	1738	-5	1.18	-1	2	9	544	10.00	-10	0.14	-5	-2	2.02	20000	12	0.03	-5	16	-2	1.172	-5	-5	-20	77	8	-25	0.05	64	68	10	86	14
168020	Two Sisters North		-0.5	1.37	5	2000	-5	0.02	-1	8	77	451	1.58	-10	0.56	-5	6	0.28	1949	-1	0.01	-5	30	8	0.913	-5	-5	-20	6	5	-25	0.08	29	-20	-5	26	23
168021	Two Sisters North		-0.5	0.22	-5	425	-5	0.34	-1	2	109	154	3.05	-10	0.03	-5	-2	0.25	4810	-1	0.04	-5	6	-2	0.431	6	-5	-20	18	-5	-25	0.02	29	-20	-5	14	6
168022	Two Sisters East		-0.5	4.46	-5	2000	-5	0.29	-1	11	46	60	2.66	-10	1.52	16	9	1.04	639	-1	0.04	13	26	7	0.007	-5	9	-20	10	-5	-25	0.25	92	-20	14	82	58
168023	Stephanie		-0.5	4.70	38	1776	-5	0.51	-1	24	80	84	5.62	-10	1.17	15	16	1.65	889	8	0.64	22	59	15	0.418	-5	15	-20	40	-5	-25	0.39	204	-20	19	110	55
168024	Stephanie		-0.5	0.87	-5	378	-5	0.24	-1	6	141	32	10.00	-10	0.03	6	-2	0.28	269	5	0.01	11	46	3	1.628	-5	-5	-20	13	-5	-25	0.07	134	-20	-5	51	27
168025	Stephanie		-0.5	10.00	81	2000	-5	2.05	1.6	62	88	68	8.33	-10	2.95	16	30	2.16	1330	-1	0.38	52	55	181	0.077	20	39	-20	40	-5	-25	0.90	332	-20	20	435	75
171337	Stephanie		-0.5	3.81	13	433	-5	0.05	-1	11	81	67	6.00	-10	0.39	25	17	0.96	1296	13	0.77	23	49	21	0.987	-5	7	-20	32	-5	-25	0.18	197	-20	15	47	62
171338	Stephanie		-0.5	6.92	-5	2000	-5	3.67	-1	69	31	57	10.00	-10	1.01	14	14	2.96	2149	2	1.42	59	39	-2	1.252	-5	28	-20	150	-5	-25	0.94	719	-20	26	88	48
171339	Stephanie		-0.5	9.66	-5	144	-5	8.31	-1	47	148	70	6.73	-10	0.05	-5	18	3.86	1156	3	2.31	17	71	5	0.214	-5	38	-20	106	-5	-25	0.58	247	-20	22	78	30
171340	Boyce		-0.5	3.23	-5	2000	-5	0.06	-1	5	44	17	1.63	-10	1.18	9	8	0.58	657	-1	0.02	11	27	-2	0.048	-5	9	-20	8	-5	-25	0.18	81	-20	9	34	55
171341	Boyce	-5	0.6	3.73	-5	528	-5	1.58	1.2	14	86	2139	2.05	-10	0.64	11	9	0.97	823	-1	0.60	20	33	9	0.196	-5	8	-20	57	-5	-25	0.20	155	-20	10	39	49
171342	Boyce	7	0.6	3.43	-5	2000	-5	0.86	-1	26	107	4668	1.61	-10	0.65	8	9	0.94	339	133	1.16	11	78	7	0.207	-5	8	-20	45	-5	-25	0.21	82	-20	10	50	49
171343	Lottie South		-0.5	4.74	-5	2000	-5	0.46	-1	13	86	70	2.23	-10	1.21	22	14	0.93	237	-1	0.86	21	51	-2	0.005	-5	11	-20	32	-5	-25	0.35	163	-20	20	29	87

BOW-LOTTIE SAMPLING
2001
DRILL CORE

Sample ID	DDH No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
171769	Lot 2		-0.5	1.10	-5	1544	-5	0.42	-1	4	84	40	1.32	-10	0.45	-5	9	0.35	369	-1	-0.01	-5	22	2	0.664	-5	-5	-20	20	-5	-25	0.06	33	-20	-5	28	23
171770	Lot 2		-0.5	1.78	-5	***2000***	-5	0.17	-1	5	114	57	1.75	-10	0.59	8	12	0.54	611	-1	-0.01	6	28	7	0.192	-5	5	-20	9	-5	-25	0.10	58	-20	6	49	33
171771	Lot 2		-0.5	1.97	-5	***2000***	-5	0.12	-1	5	92	52	1.86	-10	0.67	9	14	0.60	602	2	-0.01	8	29	5	0.223	-5	5	-20	9	-5	-25	0.12	67	-20	9	46	40
171772	Lot 2		-0.5	2.83	-5	***2000***	-5	0.59	-1	5	59	87	2.42	-10	1.05	12	16	0.94	***2403***	-1	-0.01	6	33	5	0.232	-5	6	-20	25	-5	-25	0.13	50	-20	11	64	46
171773	Lot 2		-0.5	3.16	-5	***2000***	-5	0.28	-1	6	56	46	1.59	-10	1.4	13	11	0.71	970	1	0.01	10	29	-2	0.184	-5	7	-20	14	-5	-25	0.20	81	-20	11	65	50
171774	Lot 2		-0.5	3.96	-5	***2000***	-5	1.35	-1	16	69	***130***	3.45	-10	1.07	14	20	1.69	***3236***	-1	0.19	13	50	5	0.266	-5	13	-20	83	-5	-25	0.36	152	-20	17	89	46
171775	Lot 2		-0.5	4.23	-5	1043	-5	2.80	-1	16	50	72	4.48	-10	0.45	20	24	1.76	***2337***	3	0.72	14	42	12	0.348	-5	10	-20	96	-5	-25	0.24	134	-20	17	100	51
171776	Lot 2		-0.5	4.74	7	1188	-5	1.28	-1	14	55	75	3.12	-10	0.96	22	18	1.31	930	-1	0.81	16	37	6	0.103	-5	11	-20	53	-5	-25	0.26	145	-20	14	86	54
171777	Lot 2		-0.5	3.22	-5	1400	-5	0.24	-1	8	76	61	2.55	-10	1.03	15	17	0.95	393	1	0.09	13	39	10	0.259	-5	7	-20	16	-5	-25	0.18	99	-20	10	71	48
171778	Lot 3		-0.5	2.22	-5	1843	-5	2.56	-1	5	56	52	1.91	-10	0.47	9	29	1.53	***2899***	2	0.02	9	30	-2	0.181	-5	-5	-20	105	-5	-25	0.12	77	-20	8	59	31
171779	Lot 3		-0.5	1.28	-5	1602	-5	0.40	-1	4	77	***108***	1.16	-10	0.36	5	12	0.52	808	-1	-0.01	-5	26	5	0.282	-5	-5	-20	31	-5	-25	0.07	44	-20	6	42	18
171780	Lot 3		-0.5	2.33	-5	***2000***	-5	0.29	-1	5	70	46	1.49	-10	0.66	10	22	0.61	***3827***	1	-0.01	7	38	9	0.306	-5	7	-20	22	-5	-25	0.13	67	-20	9	48	45
171781	Lot 3	9	-0.5	2.09	-5	1805	-5	0.72	-1	9	55	68	1.51	-10	0.55	11	22	0.66	***6469***	-1	-0.01	13	70	9	0.214	-5	5	-20	39	-5	-25	0.11	118	-20	9	64	38
171782	Lot 3	16	-0.5	1.93	7	1735	-5	1.86	-1	11	73	***118***	1.77	-10	0.52	12	24	0.97	***6997***	-1	-0.01	20	75	7	0.135	-5	5	-20	80	-5	-25	0.10	216	-20	11	63	34
171783	Lot 3		-0.5	3.34	-5	***2000***	-5	0.29	-1	8	52	71	2.40	-10	1.3	17	24	0.85	***3095***	-1	-0.01	15	32	12	0.059	-5	7	-20	29	-5	-25	0.18	109	-20	12	80	57
171784	Lot 3		-0.5	1.81	-5	1664	-5	0.62	-1	6	59	56	2.60	-10	0.48	12	14	0.78	***2207***	-1	-0.01	10	44	14	0.195	-5	-5	-20	33	-5	-25	0.07	104	-20	15	59	29
171785	Lot 3		-0.5	3.90	-5	***2000***	-5	2.79	-1	8	39	38	3.34	-10	1.65	24	21	1.73	1969	1	-0.01	12	31	7	0.114	-5	8	-20	158	-5	-25	0.21	94	-20	19	92	52
171786	Lot 3		-0.5	3.61	-5	***2000***	-5	1.20	-1	9	66	44	1.82	-10	1.51	16	19	1.10	518	2	0.15	9	32	-2	0.115	-5	8	-20	75	-5	-25	0.26	90	-20	14	77	53
171787	Lot 3		-0.5	8.19	7	***2000***	-5	2.88	-1	45	156	***105***	8.04	-10	0.83	9	45	3.35	1529	-1	0.91	21	55	-2	0.056	-5	35	-20	175	-5	-25	0.74	266	-20	26	105	48
171788	Lot 3		-0.5	6.13	-5	***2000***	-5	2.50	-1	29	74	69	5.87	-10	0.19	12	26	2.73	1216	1	2.21	18	42	-2	0.064	-5	24	-20	142	-5	-25	0.52	196	-20	19	98	43

BOW-LOTTIE SAMPLING
2001
DRILL CORE

Sample ID	DDH No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
171726	Lot 1		-0.5	4.53	-5	978	-5	1.11	-1	19	116	54	3.91	-10	0.62	8	97	1.78	1090	1	0.85	11	50	-2	0.152	-5	13	-20	60	-5	-25	0.42	104	-20	14	75	51
171727	Lot 1		-0.5	3.86	-5	***2000***	-5	0.58	-1	10	81	***135***	2.11	-10	1.32	16	29	1.08	1281	-1	0.09	10	38	9	0.089	-5	8	-20	22	-5	-25	0.24	92	-20	16	83	61
171728	Lot 1		-0.5	4.25	-5	***2000***	-5	0.78	-1	10	101	***256***	2.33	-10	1.42	23	24	1.18	1398	-1	0.03	14	40	6	0.066	-5	9	-20	25	-5	-25	0.27	99	-20	17	96	65
171729	Lot 1		-0.5	3.67	-5	***2000***	-5	0.79	-1	8	93	94	2.20	-10	1.23	13	22	1.04	1219	1	0.01	14	32	5	0.062	-5	7	-20	22	-5	-25	0.22	92	-20	12	78	57
171730	Lot 1		-0.5	4.29	-5	***2000***	-5	0.30	-1	10	101	67	2.40	-10	1.47	16	20	1.26	920	-1	0.03	10	41	4	0.036	-5	9	-20	17	-5	-25	0.27	77	-20	15	87	64
171731	Lot 1		-0.5	5.08	-5	***2000***	-5	0.36	-1	13	86	66	2.86	-10	1.69	21	23	1.50	1056	2	0.06	11	50	8	0.110	-5	10	-20	22	-5	-25	0.32	82	-20	16	97	71
171732	Lot 1		-0.5	4.69	-5	***2000***	-5	0.40	-1	12	79	38	2.65	-10	1.51	18	24	1.43	1189	-1	0.04	10	47	12	0.091	-5	9	-20	23	-5	-25	0.29	73	-20	15	104	66
171733	Lot 1		-0.5	3.07	-5	1791	-5	0.22	-1	7	84	45	1.63	-10	1.12	13	17	0.89	496	-1	0.02	8	33	4	0.036	-5	7	-20	14	-5	-25	0.21	53	-20	10	63	54
171734	Lot 1		-0.5	3.06	-5	1453	-5	0.25	-1	8	87	8	1.92	-10	0.99	14	17	1.00	737	2	0.04	8	34	4	0.010	-5	6	-20	16	-5	-25	0.20	44	-20	10	59	47
171735	Lot 1		-0.5	2.16	-5	1111	-5	0.43	-1	6	92	23	1.23	-10	0.75	8	15	0.75	528	-1	0.03	6	19	4	0.011	-5	-5	-20	19	-5	-25	0.15	33	-20	6	39	38
171736	Lot 1		-0.5	4.58	-5	***2000***	-5	0.56	-1	12	115	***106***	2.38	-10	1.44	20	27	1.47	989	-1	0.19	11	39	-2	0.022	-5	9	-20	29	-5	-25	0.31	79	-20	11	91	72
171737	Lot 1		-0.5	3.36	-5	1685	-5	0.33	-1	9	93	5	2.01	-10	1.09	14	22	1.06	807	1	0.09	7	33	6	0.034	-5	7	-20	21	-5	-25	0.22	60	-20	8	56	55
171738	Lot 1		-0.5	4.31	-5	2000	-5	0.24	-1	11	86	4	2.35	-10	1.39	19	23	1.22	411	-1	0.08	13	54	-2	0.062	-5	10	-20	19	-5	-25	0.30	86	-20	12	38	69
171739	Lot 1		-0.5	3.71	-5	1842	-5	0.57	-1	10	101	-1	2.06	-10	1.03	15	24	1.21	398	-1	0.34	14	49	-2	0.027	-5	10	-20	28	-5	-25	0.28	89	-20	11	12	66
171740	Lot 1		-0.5	3.20	-5	1318	-5	0.20	-1	7	114	2	1.65	-10	0.66	13	17	0.95	180	1	0.63	8	39	3	0.044	-5	7	-20	23	-5	-25	0.22	70	-20	9	8	57
171741	Lot 1		-0.5	3.28	-5	840	-5	0.77	-1	6	121	1	0.80	-10	0.45	14	29	0.65	147	-1	1.25	10	38	-2	0.006	-5	8	-20	35	-5	-25	0.22	57	-20	11	5	56
171742	Lot 1		-0.5	2.75	-5	319	-5	2.16	-1	5	148	2	1.05	-10	0.21	14	99	0.58	329	-1	1.10	8	30	-2	0.016	-5	6	-20	59	-5	-25	0.18	54	-20	11	10	44
171743	Lot 1		-0.5	5.11	-5	***2000***	-5	2.79	-1	25	198	32	4.35	-10	0.63	9	29	3.69	921	2	1.28	11	128	-2	0.052	-5	16	-20	69	-5	-25	0.40	119	-20	19	49	44
171744	Lot 1		-0.5	2.87	-5	***2000***	-5	0.67	-1	8	99	4	1.89	-10	0.59	14	17	0.97	676	-1	0.53	8	40	2	0.117	-5	9	-20	28	-5	-25	0.21	48	-20	13	17	49
171745	Lot 1		-0.5	3.33	-5	***2000***	-5	0.56	-1	8	102	20	2.40	-10	0.5	12	16	1.10	848	-1	0.73	6	43	3	0.053	-5	9	-20	36	-5	-25	0.22	51	-20	13	43	62
171746	Lot 1		-0.5	3.08	-5	***2000***	-5	2.49	-1	14	134	37	2.80	-10	0.24	17	31	1.38	950	2	0.80	10	56	3	0.169	-5	9	-20	76	-5	-25	0.22	86	-20	24	61	52
171747	Lot 1		-0.5	2.92	-5	***2000***	-5	0.53	-1	9	102	***149***	1.89	-10	1.04	18	17	0.86	460	-1	-0.01	10	41	16	0.284	-5	8	-20	24	-5	-25	0.23	78	-20	21	69	66
171748	Lot 1		0.7	3.46	-5	***2000***	-5	0.78	-1	15	133	***401***	2.11	-10	1.26	17	17	0.91	544	9	-0.01	12	68	15	0.399	-5	10	-20	29	-5	-25	0.28	117	-20	15	190	65
171749	Lot 1		-0.5	2.62	-5	***2000***	-5	0.47	-1	6	71	***106***	1.48	-10	1.02	8	10	0.61	402	8	-0.01	8	58	5	0.284	-5	7	-20	24	-5	-25	0.16	60	-20	10	67	48
171750	Lot 1		-0.5	2.97	11	***2000***	-5	1.59	-1	10	77	***98***	3.28	-10	0.72	18	13	0.88	***3777***	2	-0.01	13	127	21	0.337	-5	6	-20	60	-5	-25	0.15	138	-20	16	123	49
171751	Lot 1		-0.5	2.71	-5	***2000***	-5	1.02	-1	10	86	***148***	5.23	-10	0.27	23	17	1.14	***2703***	-1	-0.01	18	114	51	0.370	-5	-5	-20	37	-5	-25	0.11	176	-20	19	147	47
171752	Lot 1		-0.5	2.23	-5	***2000***	-5	10.00	-1	4	75	4	2.12	-10	0.55	-5	12	0.72	***6726***	3	0.23	6	17	46	0.071	-5	11	-20	506	-5	-25	0.10	71	-20	12	43	10
171753	Lot 2	-5	-0.5	1.41	7	1564	-5	1.67	-1	7	57	63	0.98	-10	0.49	7	11	0.54	***20000***	-1	-0.01	8	42	4	0.228	-5	-5	-20	56	10	-25	0.08	75	-20	8	58	23
171754	Lot 2	-5	-0.5	2.43	6	***2000***	-5	0.81	-1	13	73	***152***	1.85	-10	0.73	11	16	1.07	***14421***	-1	-0.01	13	87	10	0.190	-5	6	-20	44	9	-25	0.14	118	-20	8	72	40
171755	Lot 2		-0.5	1.92	-5	1934	-5	0.54	-1	8	68	92	1.62	-10	0.59	9	12	0.85	***5321***	-1	-0.01	8	65	9	0.211	-5	5	-20	29	-5	-25	0.11	75	-20	6	49	31
171756	Lot 2		-0.5	1.70	-5	1863	-5	0.60	-1	11	51	93	1.58	-10	0.57	9	11	0.75	***12507***	-1	-0.01	24	61	10	0.245	-5	-5	-20	34	-5	-25	0.09	255	-20	8	55	30
171757	Lot 2		-0.5	0.91	-5	1246	-5	0.73	-1	8	90	68	1.37	-10	0.35	5	8	0.35	***14106***	-1	-0.01	-5	35	9	0.350	-5	-5	-20	49	-5	-25	0.05	57	-20	7	28	16
171758	Lot 2		-0.5	1.34	-5	1670	-5	0.23	-1	6	135	***124***	1.79	-10	0.48	9	10	0.36	***4254***	-1	-0.01	11	45	9	0.442	-5	-5	-20	23	-5	-25	0.08	107	-20	7	34	27
171759	Lot 2	-5	-0.5	2.56	-5	1936	-5	1.44	-1	16	49	***189***	3.88	-10	0.68	19	27	1.08	***15307***	-1	-0.01	10	84	13	0.722	-5	7	-20	107	5	-25	0.14	90	-20	17	80	48
171760	Lot 2	-5	-0.5	2.25	7	1447	-5	2.13	-1	12	45	***168***	3.39	-10	0.55	15	23	0.98	***20000***	-1	-0.01	7	67	16	0.340	-5	6	-20	129	7	-25	0.12	62	-20	17	70	32
171761	Lot 2		-0.5	2.36	-5	1326	-5	0.22	-1	11	62	84	2.98	-10	0.5	13	23	0.82	***4284***	-1	-0.01	11	60	14	0.038	-5	6	-20	18	-5	-25	0.13	114	-20	9	54	34
171762	Lot 2		-0.5	2.10	8	1359	-5	0.51	-1	12	68	59	2.62	-10	0.53	11	26	0.77	***2468***	1	-0.01	12	62	22	0.154	-5	6	-20	32	-5	-25	0.11	130	-20	9	49	32
171763	Lot 2		-0.5	2.48	-5	1704	-5	1.22	-1	9	42	78	3.05	-10	0.67	15	33	1.10	***3999***	1	-0.01	12	43	14	0.201	-5	7	-20	84	-5	-25	0.14	116	-20	11	66	37
171764	Lot 2		-0.5	4.11	20	***2000***	-5	0.58	-1	24	73	73	4.37	-10	0.88	12	36	1.61	***3978***	-1	-0.01	16	78	7	0.125	-5	14	-20	51	-5	-25	0.42	181	-20	16	93	43
171765	Lot 2		-0.5	3.16	-5	***2000***	-5	0.49	-1	7	68	82	2.22	-10	1.12	11	24	0.75	972	-1	-0.01	8	35	5	0.268	-5	8	-20	33	5	-25	0.20	70	-20	10	76	53
171766	Lot 2		-0.5	2.17	-5	***2000***	-5	0.80	-1	5	55	90	1.74	-10	0.8	10	18	0.79	901	-1	-0.01	5	31	8	0.146	-5	6	-20	46	-5	-25	0.14	57	-20	10	61	31
171767	Lot 2		-0.5	2.45	-5	***2000***	-5	0.40	-1	6	60	82	2.19	-10	0.86	12	16	0.91	1299	-1	-0.01	13	45	5	0.159	-5	6	-20	33	-5	-25	0.13	109	-20	11	72	34
171768	Lot 2		-0.5	1.98	-5	***2000***	-5	0.61	-1	7	79	49	2.38	-10	0.62	7	14	0.77	1047	2	-0.01	6	32	2	0.513	6	5	-20	31	-5	-25	0.11	49	-20	7	46	32

BOW-LOTTIE SAMPLING
2001
STREAM SEDIMENTS

Sample ID	Area	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm
10427	Grid 3		-0.5	6.32	13	360	-5	2.33	-1.0	34	147	60	4.65	-10	0.47	25	29	1.34	1503
10428	Grid 3		-0.5	5.55	29	370	-5	2.46	-1.0	49	116	32	5.94	-10	0.43	17	26	1.37	***7121***
10429	Grid 4		-0.5	4.97	21	348	-5	2.19	-1.0	36	98	28	4.91	-10	0.51	33	23	1.17	***6070***
10430	Two Sisters North		-0.5	2.28	-5	382	-5	2.03	-1.0	12	92	72	1.84	-10	0.60	9	6	0.92	716
10431	Two Sisters North		-0.5	3.40	-5	1668	-5	2.04	***1.8***	13	210	52	2.26	-10	0.76	36	14	1.24	752
10432	Two Sisters North		-0.5	2.73	-5	214	-5	2.29	1.2	14	62	***104***	1.60	-10	0.17	20	6	0.52	1508
10433	Two Sisters East		-0.5	4.75	7	1015	-5	2.57	1.1	26	125	53	3.71	-10	0.57	18	12	1.45	995
10434	Lottie South		-0.5	5.62	6	1115	-5	1.39	-1.0	30	119	44	4.35	-10	1.20	49	26	1.24	763
10435	Lottie		-0.5	5.87	12	930	-5	2.59	-1.0	47	149	51	8.32	-10	0.76	22	23	1.88	1775
10436	Lottie		-0.5	6.74	9	945	-5	2.97	-1.0	51	218	74	6.14	-10	0.82	23	27	3.29	1216
10437	Grid 6		-0.5	4.98	35	358	-5	2.27	-1.0	29	145	97	4.00	-10	0.72	28	30	1.09	***2317***
10438	Lottie South		-0.5	6.38	37	1479	-5	2.39	-1.0	37	134	55	5.07	-10	0.85	27	24	1.53	1300
10439	Boyce	15	-0.5	5.99	18	***2000***	-5	2.4	-1.0	40	275	***234***	5.44	-10	0.89	30	29	2.03	***2203***
10440	Boyce		-0.5	5.14	15	***2000***	-5	1.67	1.0	35	193	***139***	4.87	-10	1.02	30	24	1.83	***2772***
15416	Boyce		-0.5	5.16	13	***2000***	-5	1.31	-1.0	33	225	***138***	4.60	-10	1.17	31	27	2.02	***2246***
15417	Boyce		-0.5	5.33	-5	***2000***	-5	2.23	-1.0	29	148	***167***	4.25	-10	0.76	26	22	1.51	1418
15418	Grid 6		-0.5	5.06	6	463	-5	2.69	-1.0	36	172	33	4.13	-10	0.44	23	16	1.67	***2531***
LMSL1	Lottie		-0.5	6.13	-5	783	-5	2.86	-1	34	144	64	4.21	-10	0.93	50	27	2.20	970

Sample ID	Mo ppm	Na ppm	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
10427	2	1.24	18	53	3	0.078	-5	47	-20	108	-5	-25	0.61	217	-20	76	98	52
10428	-1	1.14	18	50	5	0.090	-5	24	-20	102	7	-25	0.57	210	-20	30	126	46
10429	-1	0.97	15	43	7	0.106	-5	21	-20	96	-5	-25	0.50	170	-20	27	101	36
10430	-1	0.37	8	32	2	0.225	-5	12	-20	45	-5	-25	0.22	93	-20	29	64	21
10431	2	0.41	14	49	7	0.052	-5	11	-20	66	-5	-25	0.31	144	-20	42	195	36
10432	2	0.24	-5	36	5	0.219	5	10	-20	51	-5	-25	0.16	56	-20	33	102	14
10433	-1	0.82	13	56	12	0.076	-5	20	-20	99	9	-25	0.57	167	-20	28	128	38
10434	2	0.98	21	67	12	0.017	-5	19	-20	83	-5	-25	0.70	141	-20	26	110	82
10435	-1	1.22	16	110	-2	0.032	-5	22	-20	121	-5	-25	0.60	197	-20	22	81	52
10436	-1	1.25	17	197	-2	0.025	-5	25	-20	116	-5	-25	0.63	215	-20	24	88	52
10437	-1	1.16	17	40	11	0.069	-5	22	-20	114	-5	-25	0.56	164	-20	37	86	44
10438	5	0.91	15	70	8	0.049	-5	18	-20	98	-5	-25	0.80	162	-20	27	115	60
10439	2	0.85	17	132	15	0.058	-5	30	-20	132	-5	-25	0.51	191	-20	40	171	50
10440	4	0.56	19	95	14	0.070	-5	21	-20	90	-5	-25	0.43	181	-20	30	141	52
15416	-1	0.55	20	105	14	0.049	-5	20	-20	96	-5	-25	0.43	177	-20	27	127	56
15417	-1	0.79	16	68	11	0.077	-5	24	-20	112	-5	-25	0.48	166	-20	33	130	49
15418	-1	1.20	17	83	6	0.051	-5	22	-20	100	-5	-25	0.76	168	-20	24	76	35
LMSL1	2	0.84	19	104	4	0.093	-5	21	-20	97	-5	-25	0.78	149	-20	31	190	57

BOW-LOTTIE SAMPLING
2001
TILL SAMPLES

Sample ID	Area	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %
10741	Two Sisters East	-0.5	4.93	-5	***2000***	-5	0.34	-1	14	58	56	2.71	-10	1.30	19	11	1.08
10742	Two Sisters East	0.7	7.94	-5	1439	-5	0.60	-1	57	78	***239***	7.65	-10	0.94	6	40	5.04
10743	Stewart Creek	-0.5	6.54	7	1164	-5	2.10	-1	37	138	72	5.22	-10	0.80	19	17	1.79
10744	Stewart Creek	-0.5	6.94	19	1063	-5	4.28	-1	53	156	***100***	5.68	-10	1.82	53	27	1.30
10745	Stewart Creek	-0.5	7.04	20	1323	-5	1.30	-1	37	154	45	5.31	-10	1.65	64	34	1.18
10746	Stewart Creek	-0.5	7.88	16	1368	-5	1.47	-1	44	145	54	5.76	-10	1.93	57	35	1.30
10747	Stewart Creek	-0.5	8.09	21	1227	-5	0.85	-1	44	131	55	5.36	-10	1.75	59	39	1.57
10748	Stewart Creek	-0.5	8.43	17	1629	-5	0.89	***1.9***	58	197	76	7.65	-10	1.82	203	41	1.24
10749	Stewart Creek	-0.5	8.63	30	1585	-5	0.89	1	65	239	74	7.71	-10	2.12	65	43	1.22
10750	Boyce	-0.5	6.54	11	***2000***	-5	2.53	1	47	178	***124***	5.50	-10	0.93	23	22	2.33
10751	Boyce	-0.5	6.02	14	855	-5	1.57	-1	42	154	58	6.23	-10	0.47	18	18	1.19
14160	Lottie South	-0.5	5.76	6	848	-5	2.01	1.2	30	133	48	3.99	-10	1.19	21	18	1.66
15601	Lottie South	-0.5	7.21	-5	1203	-5	1.57	-1	26	119	33	4.10	-10	1.44	35	26	1.34
15602	Lottie South	-0.5	7.59	-5	1226	-5	1.58	-1	27	115	39	4.36	-10	1.43	35	27	1.33
15603	Lottie South	-0.5	6.77	5	1240	-5	2.51	-1	35	140	39	4.98	-10	1.00	25	18	1.79
15604	Lottie South	-0.5	8.76	7	***2000***	-5	0.44	-1	33	107	75	5.30	-10	2.22	39	38	1.45
15605	Lottie South	-0.5	6.84	9	1295	-5	2.39	-1	37	125	48	5.04	-10	1.12	28	22	1.65
15606	Lottie South	-0.5	6.90	9	1479	-5	1.83	-1	34	125	53	5.10	-10	1.17	28	23	1.43
15607	Lottie South	-0.5	6.58	-5	1297	-5	2.33	-1	32	136	39	4.68	-10	0.94	24	17	1.71
15613	Lottie South	-0.5	7.07	11	966	-5	2.94	-1	46	175	83	6.24	-10	0.91	20	22	2.22
15614	Two Sisters North	-0.5	4.93	-5	658	-5	1.80	-1	29	136	51	6.46	-10	0.34	13	10	1.40
15615	Two Sisters North	-0.5	5.91	-5	652	-5	2.82	-1	33	225	47	6.38	-10	0.39	12	16	2.30
15616	Two Sisters North	-0.5	4.74	7	1031	-5	1.69	-1	32	79	***122***	4.19	-10	0.46	30	21	0.76
15617	Two Sisters North	-0.5	6.34	-5	395	-5	2.66	-1	43	117	96	6.94	-10	0.40	12	19	1.94
15618	Two Sisters East	-0.5	7.30	7	1106	-5	3.02	-1	46	167	70	5.95	-10	0.66	15	14	2.09
15619	Two Sisters East	-0.5	7.49	-5	1316	-5	2.30	-1	42	147	***107***	6.50	-10	0.71	23	19	2.02
15620	Two Sisters East	-0.5	5.63	17	***2000***	-5	0.51	-1	32	78	***159***	4.08	-10	1.18	47	16	1.15
LMT01	Lottie Main	-0.5	6.50	10	777	-5	2.77	-1	60	249	***105***	6.48	-10	0.86	21	28	4.73

Sample ID	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
10741	547	-1	0.05	14	40	-2	0.008	-5	10	-20	13	-5	-25	0.30	103	-20	14	86	68
10742	***2916***	-1	0.19	18	68	5	0.007	6	20	-20	8	-5	-25	0.83	290	-20	23	***129***	80
10743	1146	5	1.17	16	65	11	0.014	-5	17	-20	110	-5	-25	0.75	189	-20	21	80	80
10744	946	4	0.92	38	***232***	7	0.030	-5	12	-20	161	-5	-25	0.96	138	-20	23	91	114
10745	991	-1	1.11	41	87	14	0.020	5	13	-20	99	-5	-25	0.85	139	-20	28	97	110
10746	1135	-1	1.15	37	89	6	0.010	12	15	-20	108	-5	-25	0.95	157	-20	30	97	126
10747	812	5	1.09	30	108	17	0.013	-5	11	-20	69	-5	-25	0.87	130	-20	20	93	115
10748	***1977***	4	1.21	74	170	25	0.010	-5	19	-20	141	-5	-25	0.99	175	-20	42	***130***	144
10749	***1604***	2	1.07	43	200	16	0.010	-5	16	-20	113	-5	-25	1.11	179	-20	26	***123***	150
10750	***1596***	-1	1.19	25	76	9	0.022	5	22	-20	135	-5	-25	0.79	192	-20	29	95	79
10751	***2448***	5	0.69	20	56	15	0.074	-5	16	-20	76	-5	-25	0.59	165	-20	17	79	49
14160	968	3	1.74	18	47	7	0.013	6	16	-20	174	-5	-25	0.75	168	-20	24	73	88
15601	601	6	1.44	16	50	5	0.011	-5	14	-20	155	-5	-25	0.76	141	-20	21	84	86
15602	616	-1	1.40	15	48	12	0.012	6	14	-20	157	-5	-25	0.73	140	-20	21	92	84
15603	1027	3	1.33	15	57	-2	0.016	-5	17	-20	129	-5	-25	0.86	178	-20	25	74	78
15604	790	1	0.68	20	70	17	0.011	-5	13	-20	52	6	-25	0.60	162	-20	24	***157***	114
15605	1116	4	1.30	18	60	12	0.013	-5	17	-20	142	-5	-25	0.82	171	-20	24	87	80
15606	907	4	1.16	15	62	5	0.013	7	16	-20	123	-5	-25	0.79	171	-20	25	93	87
15607	877	3	1.32	20	54	5	0.011	-5	15	-20	128	-5	-25	0.82	176	-20	24	80	79
15613	1460	-1	1.18	18	104	6	0.026	-5	28	-20	107	-5	-25	0.64	195	-20	24	89	60
15614	760	2	0.93	15	45	-2	0.054	10	11	-20	77	-5	-25	0.68	190	-20	19	66	51
15615	858	1	0.94	20	72	-2	0.045	-5	18	-20	84	-5	-25	0.69	198	-20	18	92	48
15616	***2182***	2	0.72	13	28	7	0.106	-5	13	-20	104	-5	-25	0.52	145	-20	36	88	48
15617	941	3	0.84	21	44	-2	0.061	10	18	-20	101	5	-25	0.89	223	-20	23	72	46
15618	1351	-1	1.00	13	69	3	0.032	-5	18	-20	102	-5	-25	0.82	207	-20	25	87	68
15619	1275	2	0.95	18	91	-2	0.026	-5	28	-20	124	-5	-25	0.58	194	-20	29	***122***	65
15620	868	5	0.33	20	55	9	0.020	-5	11	-20	40	-5	-25	0.56	170	-20	30	***113***	97
LMT01	1205	3	0.82	16	***290***	5	0.023	-5	21	-20	74	-5	-25	0.60	165	-20	21	89	49

LOTTIE SOUTH

August 2001

Rocks	Ag ppm	Al %	As ppm	Ba ppm	Ba ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LSR1*	-0.5	1.75	-5	2000	-5	0.08	-1.0	3	206	22	1.20	-10	0.81	11	14	0.28	136	-1	0.22	-5	15	18	0.008	-5	5	-20	48	-5	-25	0.11	30	-20	7	41	32
LSR2*	-0.5	1.83	5	2000	-5	0.04	-1.0	2	289	28	1.24	-10	0.86	8	12	0.13	32	2	0.38	-5	18	16	0.028	-5	-5	-20	20	-5	-25	0.11	38	-20	-5	45	32
372R	-0.5	10.00	21	2000	-5	0.12	-1.0	19	85	34	4.50	19	4.04	59	51	1.22	340	2	0.95	14	43	18	0.005	-5	11	-20	41	-5	-25	0.43	97	-20	18	101	71
373R	-0.5	1.69	15	2000	-5	0.05	-1.0	10	73	27	1.19	-10	0.67	10	12	0.32	645	-1	0.26	-5	18	14	0.027	-5	7	-20	31	-5	-25	0.10	20	-20	7	33	31
7E 15+35R	*5.0*	0.44	7	452	-5	0.02	*1.4*	3	179	*118*	1.64	-10	0.19	-5	9	0.07	55	*18*	0.01	20	39	*35*	0.010	-5	-5	-20	3	5	-25	0.01	235	-20	7	*284*	6

* Collected during June/July, 2001 programme

Silts	Ag ppm	Al %	As ppm	Ba ppm	Ba ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
376SL	-0.5	6.90	-5	634	-5	3.38	-1.0	38	142	104	5.89	-10	0.45	21	26	1.95	1264	2	0.98	11	75	7	0.072	-5	26	-20	116	-5	-25	0.66	190	-20	44	110	46
377SL	-0.5	5.34	-5	497	-5	2.85	-1.0	28	119	58	4.16	-10	0.47	26	13	1.43	1069	-1	0.98	11	49	7	0.125	-5	22	-20	135	-5	-25	0.57	144	-20	47	79	37

Soils	Ag ppm	Al %	As ppm	Ba ppm	Ba ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
0+00 12+50SB	-0.5	6.32	6	967	-5	1.87	-1.0	32	106	26	5.43	-10	0.66	23	20	1.44	645	-1	1.06	17	40	12	0.020	-5	14	-20	93	-5	-25	0.81	207	-20	17	71	53
2E 12+50SB	-0.5	6.14	-5	864	-5	2.14	-1.0	33	85	27	5.34	-10	0.66	23	22	1.74	718	-1	1.22	15	44	9	0.024	-5	14	-20	115	-5	-25	0.74	182	-20	17	76	50
L4E 13+50SB	-0.5	6.01	7	898	-5	1.48	-1.0	26	103	34	4.97	-10	0.75	28	24	1.26	503	3	1.04	15	44	6	0.027	7	12	-20	104	-5	-25	0.67	161	-20	18	91	49
L4E 14+50SB	-0.5	5.76	-5	716	-5	1.84	-1.0	29	103	25	5.08	-10	0.61	22	24	1.15	508	-1	1.15	14	34	4	0.028	-5	12	-20	114	-5	-25	0.72	157	-20	16	114	50
L4E 15+00SB	-0.5	5.70	8	891	-5	1.71	-1.0	28	97	21	4.91	-10	0.70	22	22	1.30	507	1	1.15	15	40	3	0.022	-5	12	-20	113	-5	-25	0.76	167	-20	16	81	51
L5E 14+00SB	-0.5	6.37	10	733	-5	2.68	-1.0	36	170	32	9.14	-10	0.46	13	24	1.88	741	-1	0.96	17	54	8	0.038	-5	15	-20	96	-5	-25	0.89	244	-20	17	96	42
L5E 14+50SB	-0.5	5.88	-5	788	-5	2.09	-1.0	31	138	28	7.22	-10	0.67	19	26	1.42	617	3	1.02	17	42	7	0.036	-5	13	24	112	-5	-25	0.76	201	-20	15	*145*	51
L6E 14+00SB	0.5	5.55	22	802	-5	2.03	-1.0	28	126	27	5.34	-10	0.60	19	18	1.30	560	-1	1.08	15	38	10	0.033	-5	13	-20	111	-5	-25	0.73	181	-20	18	90	49
L6E 15+50SB	-0.5	5.74	13	946	-5	1.35	-1.0	29	114	36	6.30	-10	0.79	22	35	1.07	530	-1	0.84	18	42	9	0.036	-5	10	-20	89	-5	-25	0.75	203	-20	13	115	48
L7E 14+50SB	-0.5	5.87	5	1109	-5	1.84	-1.0	29	121	35	5.04	-10	0.77	24	24	1.52	613	-1	1.11	13	43	8	0.025	-5	13	-20	108	-5	-25	0.70	173	-20	17	105	52
L7E 15+00SB	-0.5	5.86	-5	839	-5	2.38	-1.0	34	139	46	5.52	-10	0.52	17	16	1.72	751	-1	1.15	14	56	13	0.036	-5	14	-20	106	-5	-25	0.74	190	-20	18	90	51
L7E 15+50SB	-0.5	5.87	-5	1011	-5	1.63	*1.5*	30	113	31	5.34	-10	0.80	23	29	1.26	585	-1	1.07	15	44	13	0.024	-5	14	-20	105	-5	-25	0.77	189	-20	15	*140*	55
L7E 16+00SB	-0.5	5.43	15	941	-5	1.46	-1.0	26	115	31	6.80	-10	0.64	19	20	1.19	464	-1	0.84	17	41	6	0.033	-5	10	-20	80	-5	-25	0.74	199	-20	13	99	48

Tills	Ag ppm	Al %	As ppm	Ba ppm	Ba ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe Tot %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
375T	-0.5	6.66	31	868	-5	3.07	-1.0	40	144	52	5.83	-10	0.63	18	17	1.97	1030	5	1.42	20	62	7	0.030	-5	17	-20	158	8	-25	0.86	197	-20	26	87	57
381T	-0.5	6.99	11	743	-5	1.82	-1.0	33	121	32	5.51	-10	1.05	27	23	1.36	696	-1	1.36	16	51	9	0.029	6	11	-20	167	6	-25	0.74	158	-20	19	99	62
0+00 12+50ST	-0.5	6.78	11	1156	-5	2.79	-1.0	40	170	48	5.68	-10	0.90	17	18	2.14	1086	-1	1.32	18	69	4	0.023	6	17	-20	108	-5	-25	0.82	201	-20	20	76	67
1W 12+50ST	-0.5	6.87	7	1006	-5	1.87	-1.0	32	125	42	4.81	-10	0.89	20	18	1.27	660	-1	1.37	17	50	11	0.019	-5	12	-20	133	-5	-25	0.76	168	-20	15	70	63
1E 12+50ST	-0.5	6.01	-5	1117	-5	1.92	-1.0	31	134	28	4.14	-10	0.98	24	19	1.45	786	-1	1.32	18	51	8	0.014	8	11	-20	119	-5	-25	0.74	150	-20	16	67	61
2E 12+50ST	-0.5	6.38	-5	1034	-5	2.48	-1.0	34	154	43	5.37	-10	0.75	17	19	1.96	941	2	1.27	20	56	3	0.020	-5	14	-20	123	-5	-25	0.77	179	-20	18	76	56
L3E 12+50ST	-0.5	5.99	22	1121	-5	2.25	-1.0	34	146	28	4.50	-10	0.82	19	18	1.70	866	1	1.40	15	47	7	0.020	-5	12	-20	129	-5	-25	0.78	167	-20	18	67	56
L3E 13+00ST	-0.5	5.98	17	1285	-5	2.38	-1.0	35	157	33	4.98	-10	0.74	15	17	1.89	1034	-1	1.23	18	55	4	0.020	-5	13	-20	107	-5	-25	0.73	171	-20	18	76	55
L3E 13+50ST	-0.5	6.39	5	1139	-5	2.75	-1.0	38	183	44	5.24	-10	0.75	18	16	2.03	1087	3	1.41	16	62	6	0.023	-5	14	25	129	-5	-25	0.83	184	-20	21	83	57
L3E 14+00ST	-0.5	6.53	-5	1229	-5	1.97	-1.0	33	164	*70*	4.86	-10	0.95	25	24	1.44	1323	2	1.12	14	65	9	0.027	-5	17	-20	118	-5	-25	0.69	155	-20	25	93	66
L4E 13+50ST	-0.5	5.91	-5	1054	-5	2.48	-1.0	30	124	30	4.36	-10	0.70	18	17	1.66	762	-1	1.37	16	48	8	0.022	-5	13	-20	130	-5	-25	0.76	165	-20	19	69	58
L4E 14+00ST	-0.5	6.88	12	915	-5	1.75	-1.0	33	104	47	5.24	-10	0.88	23	24	1.37	664	1	1.18	15	47	14	0.028	-5	11	23	114	-5	-25	0.72	150	-20	16	126	61
L4E 15+00ST	-0.5	6.29	11	1029	-5	2.18	-1.0	32	119	29	4.77	-10	0.86	23	21	1.68	736	3	1.40	18	52	4	0.022	-5	12	-20	139	-5	-25	0.82	168	-20	18	74	59
L5E 13+50ST	-0.5	6.87	-5	978	-5	2.15	-1.0	39	163	47	5.89	-10	0.64	15	25	1.70	648	-1	1.09	14	74	7	0.041	-5	12	-20	109	6	-25	0.67	166	-20	15	95	51
L5E 14+50ST	-0.5	6.70	8	874	-5	3.18	-1.0	46	174	61	5.88	-10	0.55	12	13	2.08	1069	1	1.26	16	75	6	0.039	-5	16	-20	118	-5	-25	0.83	200	-20	19	88	48
L5E 15+00ST	-0.5	6.08	16	1109	-5	1.97	-1.0	28	144	34	4.55	-10	0.81	23	21	1.52	676	2	1.28	16	53	6	0.020	7	11	25	121	5	-25	0.71	151	-20	18	75	57
L6E 14+00ST	-0.5	6.31	-5	960	-5	2.61	-1.0	38	180	50	5.56	-10	0.66	16	16	1.97	961	-1	1.23	15	62	5	0.028	-5	15	-20	117	-5	-25	0.74	184	-20	21	84	54
L6E 14+50ST	-0.5	6.21	15	1234	-5	2.44	-1.0	32	163	41	4.71	-10	0.75	19	20	1.80	871	1	1.29	17	51	5	0.026	-5	14	-20	123	-5	-25	0.74	169	-20	20	88	55
L6E 15+00ST	-0.5	6.04	16	1168	-5	2.66	-1.0	32	179	41	4.69	-10	0.68	18	19	1.84	782	-1	1.23	15	56	11	0.025	-5	14	-20	118	-5	-25	0.81	167	-20	18	82	55
L6E 15+50ST	-0.5	6.88	20	1315	-5	3.06	-1.0	40	181	*102*	5.90	-10	0.65	15	28	2.04	1068	-1	0.97	18	99	5	0.041	-5	18	-20	98	8	-25	0.73	210	-20	27	98	56
L6E 16+00ST	-0.5	7.29	11	2000	-5	0.45	-1.0	23	122	54	5.45	-10	1.29	24	59	1.59	428	-1	0.60	14	77	16	0.028	-5	8	-20	47	-5	-25	0.50	131	-20	11	*165*	76
L7E 14+50ET	-0.5	5.50	18	1319	-5	2.42	-1.0	34	155	42	4.57	-10	0.68	18	15	1.76	939	-1	1.14	16	56	6	0.024	-5	12	20	112	-5	-25	0.67	171	-20	22	84	55

LOTTIE DRILL PROGRAM AND SELECTED SAMPLES
SEPTEMBER 2001

Sample Number	Sample Location	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LS001	DDH 1	-9	0.6	3.66	-5	***2000***	-5	1.55	-1.0	10	145	43	2.60	-10	1.32	26	44	1.44	188	-1	0.13	13	71	11	1.06	-5	9	-20	138	-5	-25	0.25	90	-20	15	183	63
LS002	DDH 1	-9	-0.5	3.89	-5	1053	-5	1.18	-1.0	13	107	59	2.85	-10	1.24	19	42	1.36	210	1	0.18	13	51	14	1.92	-5	10	-20	178	-5	-25	0.22	109	-20	11	118	59
LS003	DDH 1	8	1.5	3.90	8	1043	-5	1.16	1.3	11	229	76	2.08	-10	1.52	30	31	0.93	92	13	0.11	16	83	13	1.88	-5	11	-20	225	-5	-25	0.25	120	-20	22	169	70
LS004	DDH 1	-9	1.9	3.99	6	1043	-5	0.96	-1.0	11	285	85	2.31	-10	1.76	37	30	0.78	92	17	0.09	18	66	8	2.16	-5	12	-20	219	-5	-25	0.27	133	-20	28	161	71
LS005	DDH 1	-9	1.2	2.31	-5	***2000***	-5	0.85	1.2	5	201	42	1.07	-10	1.02	18	18	0.63	58	8	0.10	9	70	7	0.98	-5	5	-20	123	-5	-25	0.13	87	-20	15	138	40
LS006	DDH 1	-9	1.0	1.78	-5	1048	-5	0.07	1.3	4	174	25	0.85	-10	0.77	12	12	0.21	22	7	0.12	8	63	-2	0.86	-5	-5	-20	24	-5	-25	0.10	76	-20	11	113	27
LS007	DDH 1	-9	0.6	2.20	-5	696	-5	0.59	-1.0	6	159	17	1.04	-10	0.93	13	14	0.54	99	6	0.18	7	45	2	0.95	-5	-5	-20	90	-5	-25	0.14	59	-20	11	102	36
LS008	DDH 1	-9	0.6	2.09	-5	356	-5	2.45	-1.0	5	128	18	1.13	-10	0.95	11	10	1.41	193	3	0.16	6	36	6	0.93	-5	-5	-20	160	-5	-25	0.12	55	-20	8	69	32
LS009	DDH 1	-9	-0.5	8.32	-5	1258	-5	2.08	-1.0	21	130	32	4.42	11	3.16	65	47	1.20	463	-1	1.48	15	40	21	1.95	-5	13	-20	257	-5	-25	0.37	82	-20	17	105	88
LS010	DDH 1	-5	-0.5	10.00	12	1416	-5	0.64	-1.0	29	115	39	5.18	15	3.36	75	66	1.40	420	1	0.89	20	49	30	0.60	-5	16	-20	78	-5	-25	0.45	103	-20	20	105	97
LS011	DDH 1	-9	-0.5	6.96	9	1087	-5	1.33	-1.0	23	118	28	3.88	12	3.08	47	49	1.01	596	3	0.70	16	38	24	0.37	-5	11	-20	126	-5	-25	0.37	77	-20	13	77	91
LS012	DDH 2	-5	-0.5	1.26	-5	163	-5	0.27	-1.0	4	150	7	0.97	-10	0.18	-5	8	0.13	228	4	0.52	-5	6	11	0.01	-5	-5	-20	19	-5	-25	0.03	14	-20	-5	18	9
LS013	DDH 2	-5	-0.5	8.16	-5	***2000***	-5	0.23	-1.0	26	130	35	5.09	-10	2.43	42	54	1.33	507	-1	1.42	19	38	28	0.01	-5	14	-20	54	-5	-25	0.49	100	-20	16	78	91
LS014	DDH 2	-5	0.5	2.44	-5	949	-5	5.84	-1.0	8	133	17	1.69	-10	0.75	22	22	0.80	529	3	0.31	8	40	4	0.05	-5	-5	-20	188	-5	-25	0.17	56	-20	22	53	35
LS015	DDH 2	-9	0.7	4.74	-5	***2000***	-5	1.10	-1.0	13	243	74	2.74	-10	1.87	33	57	1.46	89	3	0.06	15	76	8	1.03	-5	12	-20	73	-5	-25	0.30	125	-20	24	144	70
LS016	DDH 2	-9	0.9	3.61	-5	***2000***	-5	1.16	-1.0	8	189	61	1.95	-10	1.51	27	39	0.92	100	4	0.10	12	39	6	1.26	-5	10	-20	112	-5	-25	0.22	95	-20	19	119	61
LS017	DDH 2	-5	1.1	2.57	17	***2000***	-5	1.86	1.3	5	168	28	1.47	-10	1.07	15	17	1.07	146	***142***	0.18	9	73	8	1.28	-5	-5	-20	162	-5	-25	0.15	73	-20	9	154	38
LS018	DDH 2	-5	1.2	2.60	15	523	-5	1.90	-1.0	6	169	24	3.98	-10	1.06	20	16	1.01	184	***46***	0.17	8	53	6	3.81	-5	-5	-20	132	-5	-25	0.14	65	-20	14	106	38
LS019	DDH 2	-9	1.2	1.35	-5	971	-5	2.58	1.0	4	183	14	1.23	-10	0.59	11	9	1.23	296	***23***	0.04	6	43	-2	0.99	-5	-5	-20	134	-5	-25	0.08	58	-20	9	77	22
LS020	DDH 2	-9	1.3	0.72	-5	454	-5	2.21	-1.0	2	126	16	1.13	-10	0.33	-5	8	1.01	203	***10***	0.01	-5	32	5	0.96	-5	-5	-20	89	-5	-25	0.04	31	-20	-5	41	12
LS021	DDH 2	-9	0.9	0.98	-5	424	-5	2.47	-1.0	3	111	11	1.05	-10	0.45	6	10	1.26	235	***12***	0.02	-5	25	4	0.91	-5	-5	-20	96	-5	-25	0.06	34	-20	-5	40	18
LS022	DDH 2	-9	1.7	0.91	19	245	-5	8.53	-1.0	2	134	13	1.19	-10	0.33	18	11	3.28	378	***66***	0.02	6	52	4	0.77	-5	-5	-20	357	-5	-25	0.04	64	-20	19	78	-5
LS023	DDH 2	-9	2.1	0.25	-5	112	-5	10.00	-1.0	2	28	7	0.45	-10	0.10	-5	3	2.38	628	***47***	-0.01	-5	12	5	0.38	-5	-5	-20	691	-5	-25	0.02	11	-20	-5	30	-5
PLR01	Placer Quartz	8	***12.0***	0.35	-5	86	-5	0.87	-1.0	3	189	***145***	1.55	-10	0.06	-5	9	0.15	164	-1	0.02	-5	9	4	1.10	-5	-5	-20	15	-5	-25	0.03	15	-20	-5	24	-5

JUNE 2001 SAMPLES RUN FOR GOLD

Sample Number	Sample Location	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
168015	Placer Road	***225***	-0.5	2.11	***182***	***2000***	-5	0.12	1.1	8	44	78	10.00	-10	0.64	9	5	0.23	***20000***	2	0.04	9	97	24	1.596	10	5	-20	44	-5	-25	0.16	100	-20	8	90	34
171753	Lot 2	-5	-0.5	1.41	7	1564	-5	1.67	-1	7	57	63	0.98	-10	0.49	7	11	0.54	***20000***	-1	-0.01	8	42	4	0.228	-5	-5	-20	56	10	-25	0.08	75	-20	8	58	23
171754	Lot 2	-5	-0.5	2.43	6	***2000***	-5	0.81	-1	13	73	***152***	1.85	-10	0.73	11	16	1.07	***14421***	-1	-0.01	13	87	10	0.190	-5	6	-20	44	9	-25	0.14	118	-20	8	72	40
171759	Lot 2	-5	-0.5	2.56	-5	1936	-5	1.44	-1	16	49	***189***	3.88	-10	0.68	19	27	1.08	***15307***	-1	-0.01	10	84	13	0.722	-5	7	-20	107	5	-25	0.14	90	-20	17	80	48
171760	Lot 2	-5	-0.5	2.25	7	1447	-5	2.13	-1	12	45	***168***	3.39	-10	0.55	15	23	0.98	***20000***	-1	-0.01	7	67	16	0.340	-5	6	-20	129	7	-25	0.12	62	-20	17	70	32
171781	Lot 3	9	-0.5	2.09	-5	1805	-5	0.72	-1	9	55	68	1.51	-10	0.55	11	22	0.66	***6469***	-1	-0.01	13	70	9	0.214	-5	5	-20	39	-5	-25	0.11	118	-20	9	64	38
171782	Lot 3	16	-0.5	1.93	7	1735	-5	1.86	-1	11	73	***118***	1.77	-10	0.52	12	24	0.97	***6997***	-1	-0.01	20	75	7	0.135	-5	5	-20	80	-5	-25	0.10	216	-20	11	63	34
171341	Boyce	-5	0.6	3.73	-5	528	-5	1.58	1.2	14	86	***2139***	2.05	-10	0.64	11	9	0.97	823	-1	0.60	20	33	9	0.196	-5	8	-20	57	-5	-25	0.20	155	-20	10	39	49
171342	Boyce	7	0.6	3.43	-5	***2000***	-5	0.86	-1	26	107	***4668***	1.61	-10	0.65	8	9	0.94	339	***133***	1.16	11	78	7	0.207	-5	8	-20	45	-5	-25	0.21	82	-20	10	50	49
10439	Boyce	15	-0.5	5.99	18	***2000***	-5	2.4	-1.0	40	275	***234***	5.44	-10	0.89	30	29	2.03	***2203***	2	0.85	17	132	15	0.058	-5	30	-20	132	-5	-25	0.51	191	-20	40	171	50

Appendix III

Drill Logs

(DDH-01 & 02)

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Assay Tables

DRILL HOLE RECORD

PROPERTY: LOTTIE **DRILL HOLE NO.:** L-DDH-01

DIP AND AZIMUTH TESTS		
DEPTH	ANGLE	AZMTH

CORE SIZE: NQTW	**TOTAL DEPTH:** 83.85 Metres	**DATE STARTED:** Sep 23/01
HOLE ANGLE: -52°	**HOLE AZIMUTH:** 180°	**DATE FINISHED:** Sep 25/01
GRID CO-ORD: 5+97E: 16+91S	**COLLAR ELEVATION:** 1371m	**ANALYSIS BY:** Bondar Clegg
EASTING (UTM): 10U 593674 (Nad 83)	**RECOVERY:** 90%	**LOGGED BY:** W. Gruenwald
NORTHING (UTM): 5897383	**CLAIM:** Lottie 2	**CORE STORED AT:** Property

Depth (m)	Core Lost	Description	Sample No.	Sample Interval	Au ppb	Ba ppm	Cu ppm	Mo ppm
0.00 - 4.55		**CASING TO 4.55 METRES**						
4.55 - 6.20	0.75	**RUBBLY, BROKEN SILTSTONE/PHYLLITE** • Limonitic fractures, one piece of fine-grained gabbro (thin dyke?) at 6.0 metres. • Trace fine-grained pyrite.						
6.20 - 11.30	2.00	**GREY SILTSTONE AND PHYLLITE** • Quite broken from 6.20 to 8.35 metres, limonitic fractures. • Bedding/foliation at 65°-75° to core axis (C.A.). • Occasional quartzose layer (i.e. 8.35 to 8.40 metres). • Calcite fracture fillings in some areas, as is fragmental texture. • Fragmental texture more prevalent in last 0.4 metres. • Fine-grained pyrite noted as thin bands parallel to bedding. • Sulphides generally ≤1%. Noteable pyrite clots at 9.0, 10.7 and 11.0 metres.						
11.30- 11.70	0.20	**FAULT/SHEAR ZONE** • Phyllite fragments show weak graphite on fractures. • Trace pyrite						
11.70- 15.30	0.10	**GREY FRAGMENTAL PHYLLITE** • Section for most part has fragmental texture with fragments to 1-2 cm. • Also shows deformation and local calcite veinlets. • Patchy, fine-grained pyrite often parallel to foliation. • Average ~1-1.5% pyrite.	LS001	12.00-12.50	<9	***2000***	43	<1
15.30- 15.50	0.10	**FAULT ZONE** • Some clay gouge with phyllite fragments						
15.50- 21.95	1.00	**GREY, CALCAREOUS SILTSTONE/PHYLLITE** • Distinctly calcareous in matrix as well as in veinlets. • Abundant quartz-calcite veinlets at 15.50-17.70 metres, which is also a more brecciated section. • Bedding more noticeable by 17.70 metres at 70° to C.A. • Occasional graphitic fracture faces.						

DRILL HOLE RECORD

PROPERTY: LOTTIE | **DRILL HOLE NO.:** L-DDH-01 |

Depth (m)	Core Lost	Description	Sample No.	Sample Interval	Au ppb	Ba ppm	Cu ppm	Mo ppm
		• Trace to clots of fine-grained pyrite. Overall pyrite content <1%.						
21.95-28.50	0.25	**GREY, BROKEN SILTSTONE/PHYLLITE UNIT** • Core quite broken throughout, occasional narrow shears. • Graphitic partings/fractures noted. • Bedding at 65-75° to C.A. • Small fault zone at 22.65 metres. • Noteable pyritic clots at 22.56, 22.75, 23.70 and 26.60 m. • Pyrite generally <1% as fine-grained wisps or clots parallel to bedding	LS002	22.50-22.80	<9	1053	59	1
28.50-33.15	0.35	**MEDIUM TO DARK GREY GRAPHITIC FRAGMENTAL PHYLLITE** • Top of section marked by 5 cm quartz ± carbonate vein breccia zone at 45° to C.A. • Rock may be both fragmental and brecciated. Intense graphite on fractures in matrix. • Siliceous section at 31.20 metres (~15 cm long). Very broken. • Several narrow graphitic gouge seams. • Narrow irregular seams of less graphitic, pale green, fine-grained sediments noted up to 0.25 m thick. • Clots, stringers of very fine-grained pyrite locally present. • Very finely disseminated pyrite throughout but <<0.5%.	LS003 LS004 LS005	28.50-30.00 30.00-31.50 31.50-33.15	8 <9 <9	1043 1043 ***2000***	76 85 42	13 17 8
33.15-43.40	0.25	**DARK GREY, GRAPHYITIC, FINE-GRAINED SEDIMENTS** • Rocks probably of siltstone origin, usually well laminated. • Nearly all fractures coated with lustrous graphite. • Occasional small sheared section with graphitic gouge. • Bedding 75-80° to C.A. Alternating grey to dark grey siltstone and graphitic sediments. • Low carbonate content. • **NOTE:** Testing with ohmmeter shows low resistance in dark grey graphitic layers, higher resistance in lighter grey, more siliceous (cherty) layers. • Trace to 0.5% very fine-grained pyrite. Occasional pyritic clots.	LS006	33.15-34.65	<9	1048	25	7
43.40-48.45	0.80	**GREY, COARSE, WEAKLY GRAPHITIC SEDIMENTARY FRAGMENTAL** • Comprised of siltstone with intercalated, dark grey phyllite laminae. • Fragments to several cm in crude alignment at 70°+ to C.A. • Lighter grey clasts more siliceous (cherty). • Last 0.75m± less fragmental, more bedded dark grey graphitic phyllite. • Trace to 0.5% fine-grained disseminated pyrite and occasional laminae or clots parallel to bedding.	LS007	43.40-44.90	<9	696	17	6
48.45-49.00	0.00	**MEDIUM GRAY, SILICEOUS SEDIMENT** • Very hard rock comprised of possible finer grained sediments. • Cut by irregular thin quartz veinlets. • May have been a chert horizon.						

DRILL HOLE RECORD

PROPERTY: LOTTIE **DRILL HOLE NO.:** L-DDH-01

Depth (m)	Core Lost	Description	Sample No.	Sample Interval	Au ppb	Ba ppm	Cu ppm	Mo ppm
		• Very minor pyrite noted on fracture.						
49.00-51.80	0.00	**DARK GREY, LAMINATED, GRAPHITIC SILTSTONE** • Similar to 33.15 to 43.40m section.						
51.30-55.50	0.20	**GREY, WEAKLY GRAPHITIC FRAGMENTAL SEDIMENT** • Comprised of lighter grey siliceous clasts with dark grey matrix. • Local graphitic partings. • Last 0.75m more laminated cherty siltstone/phyllite at 70-80° to C.A. • Locally disseminated, fine-grained pyrite.	LS008	51.80-53.30	<9	356	18	3
55.00-70.10	0.40	**GREY-GREEN, MIXED SEDIMENTS AND VOLCANICLASTICS** • Upper contact at 80° to C.A. • First 25 cm is medium-grained, quartz feldspar sediment (tuff?), non-bedded. • Sequence consists of coarse chaotic fragmental. • Matrix supported clasts, angular to rounded, consisting of grey-green, medium to fine-grained sediment (?) – occasional graphitic partings. • Some sizeable sections of greenish tuff (?) at 57.30-58.10, 58.60-59.85, 65.65-66.85 and 65.75-66.85m. Evidence of mica (sericite) in many of the tuff clasts. • **NOTE:** origin of this sequence is unclear. May be a primarily volcaniclastic sequence where greenish fragments have been milled (rounded) and set in a very fine-grained darker matrix. Matrix shows a "flow-like" deflection around clasts that could be a result of volcanic and/or sedimentary processes. Resistivity is generally much higher (less conductive) than upper units. • Locally disseminated pyrite in grey-green tuff and as clots and laminae in sedimentary portion. • Occasional fragments (tuff?) have very fine-grained pyrite laminae along margins. • Occasional clot of fine-grained pyrrhotite in matrix.	L009 L010	55.50-57.00 61.25-62.50	<9 <5	1258 1416	32 39	<1 1
70.10-83.85	1.20	**PALE GREEN, FINE-GRAINED, FELSIC CRYSTAL TUFF** • No distinct bedding. • Contains narrow zones (<1m) of coarse, darker, clastic with green fragments of volcanic tuff that looks much like this unit (i.e. 71.95-72.70, 74.40-74.80, 75.60-75.85 and 76.75-77.10m). • Shear zone at 80.60-80.80m (upper contact at 70° to C.A.). • White quartz veins (barren) noted from 78.0 metres with largest in last 1m. Vein orientation random. • Minor pyrite, usually as disseminations.	LS011	71.95-72.70	<9	1087	28	3
		END OF HOLE AT 83.85 METRES						

DRILL HOLE RECORD

PROPERTY: LOTTIE

DRILL HOLE NO.: L-DDH-02

DIP AND AZIMUTH TESTS		
DEPTH	**ANGLE**	**AZMTH**

CORE SIZE: NQTW	**TOTAL DEPTH:** 44.80m	**DATE STARTED:** Sep 27/01
HOLE ANGLE: -60°	**HOLE AZIMUTH:** 180°	**DATE FINISHED:** Sept28/01
GRID CO-ORD: 9+02 E: 19+79S	**COLLAR ELEVATION:** 1341m	**ANALYSIS BY:** Bondar Clegg Labs
EASTING (UTM): 10U 593978 (Nad 83)	**RECOVERY:** 95%	**LOGGED BY:** W. Gruenwald
NORTHING (UTM): 5897109	**CLAIM:** Lottie 2	**CORE STORED AT:** Property

Depth (m)	Core Lost	Description	Sample No.	Sample Interval	Au ppb	Ba ppm	Cu ppm	Mo ppm
0.00- 8.25		**CASING TO 8.25 METRES**						
8.25-10.75	0.50	**GREEN-GREY PHYLLITE** • Very fractured. • Bedding at 75-80° to C.A. • Very minor, fine-grained pyrite						
10.75-14.80	0.75	**GREENISH-BROWN "SANDY" SEDIMENTS** • Fractured with occasional rusty fractures. • Noted occasional black, subangular argillite clasts (to 1 cm). • Minor quartz veinlets in last 1m± at 45-60° to C.A. • Last 0.75m – very fractured – suspect shear contact at 14.80 m. • Very minor pyrite.						
14.80-16.40	0.25	**MILKY WHITE, FRACTURED, LIMONITIC, QUARTZ VEIN** • Few green patches (chlorite). • Trace pyrite.	LS012 LS013 LS014 LS015	14.80-16.40 16.40-17.40 17.40-18.70 18.70-20.25	<5 <5 <5 <9	163 *2000* 949 *2000*	7 35 17 74	4 <1 3 3
16.40-18.70	0.00	**GREY, FRACTURED, SILICEOUS SEDIMENTS** • First metre greenish fractured phyllite with occasional very rusty section. • Last 1m is grey, weakly limonitic, cherty sediment. • Trace pyrite.						
18.70-19.90	0.00	**GRAPHITIC PHYLLITE/SHEAR ZONE** • Crumbly with graphite gouge seams and slickensides.						
19.90-25.80	0.00	**GREY, FINELY QUARTZ-CALCITE VEINED, GRAPHITIC PHYLLITE** • Numerous thin (0.5-2.0mm) milky quartz-calcite veinlets parallel cross cutting foliation/bedding. • Bedding at 70° to core axis noted clearly in only first metre. • By 23 m, core shows abundant, irregular oriented veinlets and graphite slickensides and fractures. • 25.0 m to 25.50 m- prominent slickensides at low angles to C.A. some having unusual green coating.	LS016	24.30-25.80	<9	*2000*	61	4

DRILL HOLE RECORD

PROPERTY: LOTTIE **DRILL HOLE NO.:** L-DDH-02

Depth (m)	Core Lost	Description	Sample No.	Sample Interval	Au ppb	Ba ppm	Cu ppm	Mo ppm
		• Very finely disseminated pyrite and occasional clots. ≤0.5%						
25.80-38.25	0.20	**DARK GREY TO BLACK GRAPHITIC PHYLLITE** • Uniform black to veined phyllite. • Graphite common, often polished on fracture faces. • Ohmmeter shows low resistance in many areas. Measured resistances of 5000-10,000 ohms, which is quite low compared to siltstone layers, which register at 500,000 ohms+. • Last 2.5 m shows numerous, very thin, white quartz-calcite veinlets parallel to bedding at 80° to C.A.						
33.25-43.65	0.00	**GREY, COARSE, FRAGMENTAL GRAPHITIC SEDIMENT** • Coarse, lighter gray clasts in a dark grey to black matrix. • More sulphides seen in this rock unit than any previous lithology. • Rock becoming siliceous and very hard by 37.10 m, and also less graphitic. • From 37.10m to end, rock appears to be a cherty fragmental with minor graphitic lenses and matrix. • Occasional irregular clots and very fine-grained disseminations of pyrite. Content locally 2-5% • Numerous irregular clots of pyrite from 36.25 to 37.45m.	LS017 LS018 LS019 LS020 LS021 LS022	35.25-36.25 36.25-37.45 37.45-38.95 38.95-40.45 40.45-41.95 41.95-43.65	<5 <5 <9 <9 <9 <9	***2000*** 523 971 454 424 245	28 24 14 16 11 13	***142*** ***46*** ***23*** ***10*** ***12*** ***66***
43.65-44.80	0.00	**LIGHT GREY LIMESTONE** • Upper contact irregular at 60° to C.A. • Top 30 cm shows distinct fossil fragments of shells and possible crinoids? Also cut by 1 cm calcite vein at 30° to C.A. • Noted minor graphite fractures in top 30 cm. • Remainder is a relatively coarse limestone arenite (sandstone). • Trace pyrite <<0.5% • Some silvery flecks noted (graphite?)	LS023	43.65-44.80	<9	112	7	47
		END OF HOLE AT 44.80 METRES **NOTE:** Drill bit burned out in 9 metres due to very siliceous rock in 35.25 to 43.65 m section.						

LOTTIE DRILL PROGRAM AND SELECTED SAMPLES
SEPTEMBER 2001

Sample Number	Sample Location	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %
LS001	DDH 1	-9	0.6	3.66	-5	***2000***	-5	1.55	-1.0	10	145	43	2.60	-10	1.32	26	44	1.44
LS002	DDH 1	-9	-0.5	3.89	-5	1053	-5	1.18	-1.0	13	107	59	2.85	-10	1.24	19	42	1.36
LS003	DDH 1	8	1.5	3.90	8	1043	-5	1.16	1.3	11	229	76	2.08	-10	1.52	30	31	0.93
LS004	DDH 1	-9	1.9	3.99	6	1043	-5	0.96	-1.0	11	285	85	2.31	-10	1.76	37	30	0.78
LS005	DDH 1	-9	1.2	2.31	-5	***2000***	-5	0.85	1.2	5	201	42	1.07	-10	1.02	18	18	0.63
LS006	DDH 1	-9	1.0	1.78	-5	1048	-5	0.07	1.3	4	174	25	0.85	-10	0.77	12	12	0.21
LS007	DDH 1	-9	0.6	2.20	-5	696	-5	0.59	-1.0	6	159	17	1.04	-10	0.93	13	14	0.54
LS008	DDH 1	-9	0.6	2.09	-5	356	-5	2.45	-1.0	5	128	18	1.13	-10	0.95	11	10	1.41
LS009	DDH 1	-9	-0.5	8.32	-5	1258	-5	2.08	-1.0	21	130	32	4.42	11	3.16	65	47	1.20
LS010	DDH 1	-5	-0.5	10.00	12	1416	-5	0.64	-1.0	29	115	39	5.18	15	3.36	75	66	1.40
LS011	DDH 1	-9	-0.5	6.96	9	1087	-5	1.33	-1.0	23	118	28	3.88	12	3.08	47	49	1.01
LS012	DDH 2	-5	-0.5	1.26	-5	163	-5	0.27	-1.0	4	150	7	0.97	-10	0.18	-5	8	0.13
LS013	DDH 2	-5	-0.5	8.16	-5	***2000***	-5	0.23	-1.0	26	130	35	5.09	-10	2.43	42	54	1.33
LS014	DDH 2	-5	0.5	2.44	-5	949	-5	5.84	-1.0	8	133	17	1.69	-10	0.75	22	22	0.80
LS015	DDH 2	-9	0.7	4.74	-5	***2000***	-5	1.10	-1.0	13	243	74	2.74	-10	1.87	33	57	1.46
LS016	DDH 2	-9	0.9	3.61	-5	***2000***	-5	1.16	-1.0	8	189	61	1.95	-10	1.51	27	39	0.92
LS017	DDH 2	-5	1.1	2.57	17	***2000***	-5	1.86	1.3	5	168	28	1.47	-10	1.07	15	17	1.07
LS018	DDH 2	-5	1.2	2.60	15	523	-5	1.90	-1.0	6	169	24	3.98	-10	1.06	20	16	1.01
LS019	DDH 2	-9	1.2	1.35	-5	971	-5	2.58	1.0	4	183	14	1.23	-10	0.59	11	9	1.23
LS020	DDH 2	-9	1.3	0.72	-5	454	-5	2.21	-1.0	2	126	16	1.13	-10	0.33	-5	8	1.01
LS021	DDH 2	-9	0.9	0.98	-5	424	-5	2.47	-1.0	3	111	11	1.05	-10	0.45	6	10	1.26
LS022	DDH 2	-9	1.7	0.91	19	245	-5	8.53	-1.0	2	134	13	1.19	-10	0.33	18	11	3.28
LS023	DDH 2	-9	2.1	0.25	-5	112	-5	10.00	-1.0	2	28	7	0.45	-10	0.10	-5	3	2.38
PLR01	Placer Quartz	8	***12.0***	0.35	-5	86	-5	0.87	-1.0	3	189	***145***	1.55	-10	0.06	-5	9	0.15

Sample Number	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LS001	188	-1	0.13	13	71	11	1.06	-5	9	-20	138	-5	-25	0.25	90	-20	15	183	63
LS002	210	1	0.18	13	51	14	1.92	-5	10	-20	178	-5	-25	0.22	109	-20	11	118	59
LS003	92	13	0.11	16	83	13	1.88	-5	11	-20	225	-5	-25	0.25	120	-20	22	169	70
LS004	92	17	0.09	18	66	8	2.16	-5	12	-20	219	-5	-25	0.27	133	-20	28	161	71
LS005	58	8	0.10	9	70	7	0.98	-5	5	-20	123	-5	-25	0.13	87	-20	15	138	40
LS006	22	7	0.12	8	63	-2	0.86	-5	-5	-20	24	-5	-25	0.10	76	-20	11	113	27
LS007	99	6	0.18	7	45	2	0.95	-5	-5	-20	90	-5	-25	0.14	59	-20	11	102	36
LS008	193	3	0.16	6	36	6	0.93	-5	-5	-20	160	-5	-25	0.12	55	-20	8	69	32
LS009	463	-1	1.48	15	40	21	1.95	-5	13	-20	257	-5	-25	0.37	82	-20	17	105	88
LS010	420	1	0.89	20	49	30	0.60	-5	16	-20	78	-5	-25	0.45	103	-20	20	105	97
LS011	596	3	0.70	16	38	24	0.37	-5	11	-20	126	-5	-25	0.37	77	-20	13	77	91
LS012	228	4	0.52	-5	6	11	0.01	-5	-5	-20	19	-5	-25	0.03	14	-20	-5	18	9
LS013	507	-1	1.42	19	38	28	0.01	-5	14	-20	54	-5	-25	0.49	100	-20	16	78	91
LS014	529	3	0.31	8	40	4	0.05	-5	-5	-20	188	-5	-25	0.17	56	-20	22	53	35
LS015	89	3	0.06	15	76	8	1.03	-5	12	-20	73	-5	-25	0.30	125	-20	24	144	70
LS016	100	4	0.10	12	39	6	1.26	-5	10	-20	112	-5	-25	0.22	95	-20	19	119	61
LS017	146	***142***	0.18	9	73	8	1.28	-5	-5	-20	162	-5	-25	0.15	73	-20	9	154	38
LS018	184	***46***	0.17	8	53	6	3.81	-5	-5	-20	132	-5	-25	0.14	65	-20	14	106	38
LS019	296	***23***	0.04	6	43	-2	0.99	-5	-5	-20	134	-5	-25	0.08	58	-20	9	77	22
LS020	203	***10***	0.01	-5	32	5	0.96	-5	-5	-20	89	-5	-25	0.04	31	-20	-5	41	12
LS021	235	***12***	0.02	-5	25	4	0.91	-5	-5	-20	96	-5	-25	0.06	34	-20	-5	40	18
LS022	378	***66***	0.02	6	52	4	0.77	-5	-5	-20	357	-5	-25	0.04	64	-20	19	78	-5
LS023	628	***47***	-0.01	-5	12	5	0.38	-5	-5	-20	691	-5	-25	0.02	11	-20	-5	30	-5
PLR01	164	-1	0.02	-5	9	4	1.10	-5	-5	-20	15	-5	-25	0.03	15	-20	-5	24	-5

Appendix IV

Author's Qualifications

I, Gerald E. Bidwell, of the City of Delta, B.C., do hereby certify that:

1. I am a geologist residing at 5186-44th Avenue, Delta B.C. and employed as a consultant by Eureka Resources, Inc. of #1000 – 355 Burrard Street, Vancouver, British Columbia.

2. I am a fellow of the Geological Association of Canada.

3. I have worked continuously as a mineral exploration geologist since 1967 in Manitoba, British Columbia, Yukon Territory, Northwest Territories, Nunavut, Ontario and Alaska.

4. I supervised and assisted with the collection of data on the Bow-Lottie Project in 2001.

Dated the 29th day of April, 2002

Gerald E. Bidwell, B.A., FGAC

Appendix V

Cost Statement

Cost Statement (no GST)

Ground Surveys (May 12 - September 30, 2001)		
Project Supervision & Geology:		
G. Bidwell & Associates Ltd.		
Gerald E. Bidwell 23 days @ 430/day	9,890.00	
Geoquest Consulting Ltd.		
W. Gruenwald 36.25 days @ 379.90/day	13,771.25	23,661.25
Labour:		
Geoquest Consulting Ltd.		
E. Gruenwald 3 days @ 181.25/day	543.75	
D. Mason 3.5 days @ 250/day	875.00	1,418.75
Staking:		
Sabre Explorations Services		
24 units @ 80/unit		1,920.00
Linecutting:		
Sabre Explorations Services		
20 km @ 635/km		12,700.00
Geophysics:		
SJ Geophysics		
15 days @ 948.92/day		14,233.75
Diamond Drilling:		
Core Enterprises		
128.6 metres core @ 68.51/metre (all-in)		8,810.00
Analytical Costs:		
Bondar Clegg		
81 soil, silts & tills (@ 10.61/sample)	875.53	
104 rocks (@ 16.38/sample)	1,703.34	
storage fees	17.04	2,595.91
Food & Accomodation:		
G. Bidwell & Assoc.	731.83	
Geoquest Consulting	1,519.08	
SJ Geophysics	476.72	
Hubs Motel	1,873.80	
White Cap Motor Inn	767.88	
Northwoods Restaurant	823.54	6,192.85
Travel:		
G. Bidwell & Assoc. - truck charges, ATV rental	2,533.60	
Geoquest Consulting - truck charges	2,651.87	
Sabre Exploration Services - truck charges	165.90	
SJ Geophysics	4,073.66	
Hubs Motel	40.00	9,465.03
Miscellaneous:		
G. Bidwell & Assoc. - supplies, freight	1,178.05	
Geoquest Consulting - rentals, supplies, freight	437.65	
SJ Geophysics - office costs	2,125.00	3,740.70
	Total Cost	**84,738.24**
Less: Staking costs		1,920.00
Samples outside claims (7 rks, 17 silts/tills)		2,095.03
Expenditures Applicable for Assessment		**80,723.21**

2001 Expenditures		Cost	GST	Total	Geology	Geochemistry	Geophysics	Drilling	Staking	Food & Accom.	Travel	Misc.	Total
Bondar Clegg - Inv. V187000	10-Jul-01	179.77	12.58	192.35		179.77							179.77
- Inv. V187001	10-Jul-01	73.12	5.12	78.24		73.12							73.12
- Inv. V187002	10-Jul-01	21.14	1.48	22.62		21.14							21.14
- Inv. V187022	11-Jul-01	285.53	19.99	305.52		285.53							285.53
- Inv. V187023	11-Jul-01	329.06	23.03	352.09		329.06							329.06
- Inv. V187091	13-Jul-01	767.81	53.75	821.56		767.81							767.81
- Inv. V188263	31-Aug-01	249.14	17.44	266.58		249.14							249.14
- Inv. V188295	5-Sep-01	36.56	2.56	39.12		36.56							36.56
- Inv. V188296	5-Sep-01	139.95	9.80	149.75		139.95							139.95
- Inv. V188995	5-Oct-01	24.41	1.71	26.12		24.41							24.41
- Inv. V188996	5-Oct-01	48.82	3.42	52.24		48.82							48.82
- Inv. V188997	5-Oct-01	8.14	0.57	8.71		8.14							8.14
- Inv. V188998	5-Oct-01	415.42	29.08	444.50		415.42							415.42
- Inv. V191190	30-Jan-02	17.04	1.19	18.23		17.04							17.04
													-
Core Enterprises Ltd.		8,810.00	616.70	9,426.70				8,810.00					8,810.00
													-
G. Bidwell & Assoc. Ltd. - Inv. 20136	labour	1,720.00	120.40	1,840.40	1,720.00								1,720.00
- Inv. 20138	labour	8,170.00	571.90	8,741.90	8,170.00								8,170.00
- Inv. 20139	meals	731.83	32.45	764.28						731.83			731.83
	travel	1,784.60	19.92	1,804.52							1,784.60		1,784.60
	misc.	1,144.83	70.09	1,214.92								1,144.83	1,144.83
- Inv. 20147	travel	749.00	49.00	798.00							749.00		749.00
	misc.	33.22	2.17	35.39								33.22	33.22
													-
Geoquest Consulting - Inv. 0205	labour	6,937.50	485.63	7,423.13	6,937.50								6,937.50
June 14 - July 2	travel	858.00	60.06	918.06							858.00		858.00
	meals	14.97	1.05	16.02						14.97			14.97
	misc.	170.00	11.90	181.90								170.00	170.00
- Inv. 0212	labour	2,331.25	163.19	2,494.44	2,331.25								2,331.25
August 24 - 24	travel	533.00	37.31	570.31							533.00		533.00
	room & board	393.36	27.54	420.90						393.36			393.36
	misc.	59.09	4.14	63.23								59.09	59.09
- Inv. 0215	labour	5,921.25	414.49	6,335.74	5,921.25								5,921.25
September 20 - 30	travel	1,260.87	88.26	1,349.13							1,260.87		1,260.87
	room & board	1,110.75	77.75	1,188.50						1,110.75			1,110.75
	misc.	208.56	14.60	223.16								208.56	208.56
													-
Sabre Exploration Services - June	staking	1,920.00	134.40	2,054.40					1,920.00				1,920.00
	linecutting	11,430.00	800.10	12,230.10			11,430.00						11,430.00
- Sept.	linecutting	1,270.00	88.90	1,358.90			1,270.00						1,270.00
	travel	165.90	11.61	177.51							165.90		165.90
													-
SJ Geophysics - Invoice SJ01666	geophysics	9,408.75	658.61	10,067.36			9,408.75						9,408.75
	travel	2,631.16	184.18	2,815.34							2,631.16		2,631.16
- Invoice SJ01675	geophysics	4,825.00	337.75	5,162.75			4,825.00						4,825.00
	travel	1,442.50	100.98	1,543.48							1,442.50		1,442.50
	room & board	476.72	33.37	510.09						476.72			476.72
- Invoice SJ01672	misc.	2,125.00	148.75	2,273.75								2,125.00	2,125.00
													-
Hubs Motel - June 13	accomodation	912.60	59.15	971.75						912.60			912.60
- June 13	travel	40.00	-	40.00							40.00		40.00
- June 29	accomodation	961.20	62.30	1,023.50						961.20			961.20
White Cap Motor Inn - Inv. 63209	accomodation	767.88	49.77	817.65						767.88			767.88
Northwoods Restaurant	meals	823.54	57.67	881.21						823.54			823.54
		84,738.24	5,777.79	90,516.03	25,080.00	2,595.91	26,933.75	8,810.00	1,920.00	6,192.85	9,465.03	3,740.70	84,738.24