GEOLOGICAL, GEOCHEMICAL, AND GEOPHYSICAL

ASSESSMENT REPORT

on the

DEER LAKE PROPERTY

Kamloops Mining Division, B.C.
NTS 92P/9W

for

ELECTRUM RESOURCE CORP.
#912 – 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Prepared by:

GEOQUEST CONSULTING LTD.

W. Gruenwald, P. Geo.
January 16, 2003

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1.0 SUMMARY

The Deer Lake property is situated 16 kilometres northwest of the community of Little Fort in southern British Columbia. A total of 244 units comprise the property which is 100% owned by Electrum Resource Corp. of Vancouver, B.C. The property is easily accessible via Highway 24 and numerous logging roads. Logging continues to increase both access and bedrock exposures in this till covered region.

The area first received attention in the 1930s with the discovery of gold mineralized skarns near Deer Lake. From the late 1960s to late 1980s, several companies directed exploration efforts more toward porphyry copper mineralization. Exploration by Electrum Resource Corp. from 1998 to 2000 consisted of property wide stream and rock sampling, prospecting and grid soil sampling. Sampling has led to the discovery of anomalous gold in several drainages, mineralized felsic intrusive float and copper-gold bearing magnetite skarn float.

A northwest trending belt of Upper Paleozoic to Lower Mesozoic arc-supracrustal and plutonic rocks of the Quesnel Terrane underlie the Deer Lake property. Several major north-northwesterly faults transect these rocks. Quesnel Terrane rocks host many of the provinces largest and most economically important alkalic and calc-alkalic porphyry deposits including the Afton-Ajax, Copper Mountain and Mount Polley Cu-Au porphyries and the Cu-Mo deposits in the Highland Valley area and the Brenda deposit. These rocks also host a number of major Cu or Au skarns including the Craigmont, Ingerbelle and Nickel Plate deposits. Gold-copper skarns (i.e. Lakeview) occur on the property and consist of sulphide mineralization associated with garnet-diopside skarns within calcareous sediments proximal to a mafic intrusive. Precious metal bearing Pb-Zn mineralization (EC 60) hosted by sediments occurs in the southwest sector of the property. In 1991, glacially transported gold-silver mineralized float comprised of altered and brecciated intrusive and Nicola volcanics was discovered 1.4 km southeast of the property. The source of this float is unknown, however it may have originated from within the Deer Lake property.

During 2002, geological mapping, geochemical sampling and geophysical surveys were completed. Grid soil sampling revealed a large area of anomalous gold-copper-zinc-molybdenum. A 400-metre+ strong northwest trending magnetic anomaly occurs within this geochemical anomaly. Felsic intrusive float sampled near the magnetic anomaly contains 20.7 g/tonne gold. Nearby, in a recently logged area, a 150+ metre long, west-northwest trending, siliceous mineralized zone (Rio) and associated skarn returned weakly anomalous gold and copper along the trace of a 1.2 km west-northwest trending EM conductor. Interestingly, most geochemically anomalous samples on the grid occur south of this conductor. Magnetite skarn float found 200 metres southerly of the Rio showing contain up to 14.9 g/tonne gold. A strong magnetic and VLF-EM anomaly occurs proximal to this float. Gold–copper mineralization (Creek zone) examined south of the Lakeview skarn showings appears to reflect an intrusion breccia environment. This zone also contains significant nickel mineralization. At the EC 60 showing, poly-metallic vein and manto-style Zn-Pb mineralization is locally associated with weak garnet-pyroxene skarn alteration. Sampling has demonstrated base and precious metal mineralization over a considerable area.

Further exploration work should include follow up sampling and trenching directed toward geochemical and geophysical targets within the 2002 grid, the EC 60 showing and determining the source(s) of mineralized felsic intrusive float. Given the geologic diversity of the property, the use of airborne geophysical surveys may prove very useful prior to conducting the above work. Magnetic, electromagnetic and radiometric data could serve to identify lithologies and structural features as well as magnetic and/or conductive zones especially in areas of glacial cover. Given the property's excellent infrastructure, exploration targets could be rapidly and easily explored.

To accompany a report by W. Gruenwald, P. Geo.

ELECTRUM RESOURCE CORP.	
LOCATION MAP **DEER LAKE PROPERTY** Kamloops Mining Division, B.C.	
Tech Work By: GEOQUEST	Date: January, 2003
Drawn By: EG	Figure: 1

2.0 INTRODUCTION

2.1 General Statement

During the period May 30 to November 18, 2002, the writer and Mr. Gerry Ray were contracted to conduct geological, geochemical and geophysical programs on the Deer Lake property. The property, owned by Electrum Resource Corp., is situated in southern British Columbia near the community of Little Fort. The primary objectives of the program were to:

- Establish a grid in the area of copper-gold rich skarn float and siliceous zone exposed by logging.
- Conduct geochemical sampling, mapping and geophysical surveys over this grid.
- Map and sample in previously identified mineralized zones and geochemical anomalies.
- Map and sample new logging roads in the southeast corner of the property.

Exploration targets include precious and/or base metal skarn and intrusion related gold deposits.

2.2 Location and Access

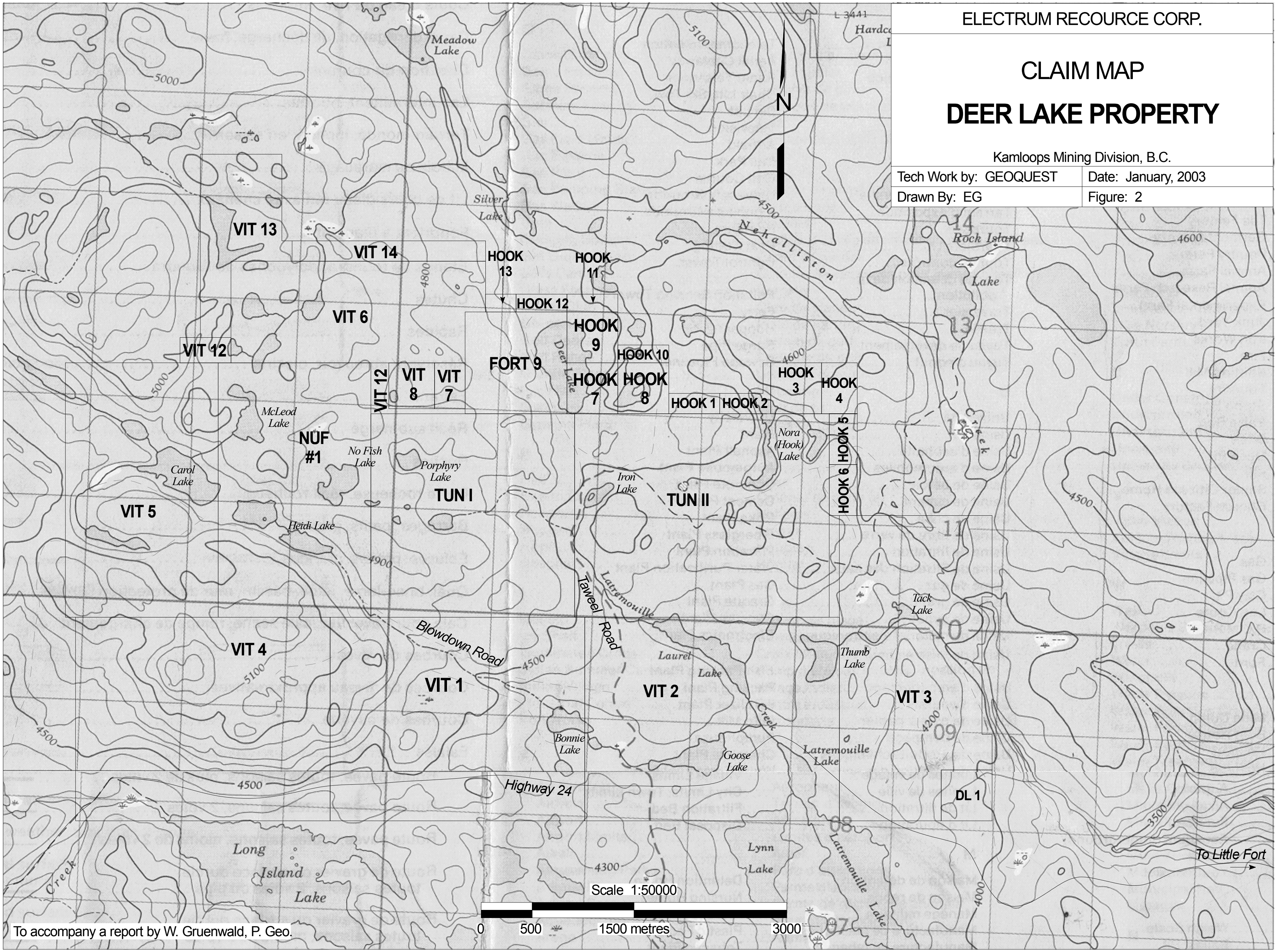
The Deer Lake property is located approximately 16 kilometres northwest of the community of Little Fort in south-central British Columbia. Little Fort is located 100 kilometres north of Kamloops along Highway 5 (Figure 1). Geographic co-ordinates for the centre of the property are 51°31' north latitude and 120°24' west longitude on NTS Map 92P/9W. Highway 24 heads westerly from Little Fort to 100 Mile House, and transects the southern border of the property. The Taweel Lake logging road and numerous branch roads provide excellent access to many parts of the property. In the past three years, new logging roads have been constructed in the eastern, western and northern portions of the property.

2.3 Physiography and Vegetation

The Deer Lake property is characterized by broad, rolling terrain of the Thompson Plateau. Numerous lakes and streams are found throughout the property representing the headwaters of Latremouille and Nehalliston Creeks, both of which flow easterly to the North Thompson River. Slopes range from gentle to moderate with only a few steep slopes in the southwestern and extreme eastern portions of the property (Figure 2). Topographic relief is approximately 400 metres, ranging from 1200 metres in Nehalliston Creek, to 1600 metres on a hilltop in the southwest area of the property.

Glaciation of the Thompson Plateau has resulted in extensive till cover. The till ranges from very thin (<1 m) cover on ridge tops and knolls to deposits tens of metres thick in major valley bottoms and lake filled depressions. According to the Geological Survey of Canada the indicated regional ice movement was from 165° to 175°. Local deviations to this trend are evident and were likely influenced by topographic features such as the larger drainages. Examples of such deviations in ice direction are seen in the western portion of the property where directions of 130° are recorded. Many of the glacial striations observed by the writer indicate ice directions of 140° to 160°.

The property is forested with fir, spruce, balsam and pine along with minor deciduous vegetation. Commercial timber harvesting has been taking place for many years resulting in vastly improved access into most parts of the property. The property is generally snow free and accessible from May to early November allowing for a relatively long field season.


ELECTRUM RECOURCE CORP.
CLAIM MAP
DEER LAKE PROPERTY
Kamloops Mining Division, B.C.
Tech Work by: GEOQUEST
Date: January, 2003
Drawn By: EG
Figure: 2
N
VIT 13
VIT 14
VIT 6
VIT 12
VIT 12
VIT 8
VIT 7
VIT 5
VIT 4
VIT 1
VIT 2
VIT 3
NUF #1
TUN I
TUN II
FORT 9
HOOK 13
HOOK 11
HOOK 12
HOOK 9
HOOK 10
HOOK 7
HOOK 8
HOOK 1
HOOK 2
HOOK 3
HOOK 4
HOOK 5
HOOK 6
DL 1
Meadow Lake
Silver Lake
Nehalliston
Rock Island Lake
Deer Lake
McLeod Lake
No Fish Lake
Porphyry Lake
Carol Lake
Heidi Lake
Iron Lake
Nora (Hook) Lake
Tack Lake
Thumb Lake
Laurel Lake
Bonnie Lake
Goose Lake
Latremouille Lake
Lynn Lake
Long Island Lake
Creek
Latremouille Creek
Blowdown Road
Taweel Road
Highway 24
To Little Fort
Scale 1:50000
0 500 1500 metres 3000
To accompany a report by W. Gruenwald, P. Geo.

2.4 Mineral Claims

The Deer Lake property consists of 19 modified grid claims and 14 two post claims totaling 244 units (Figure 2). All claims are located in the Kamloops Mining Division and are 100% owned by Electrum Resource Corp. of Vancouver, B.C. Details of the claims are outlined below.

Table 1. Claim Details

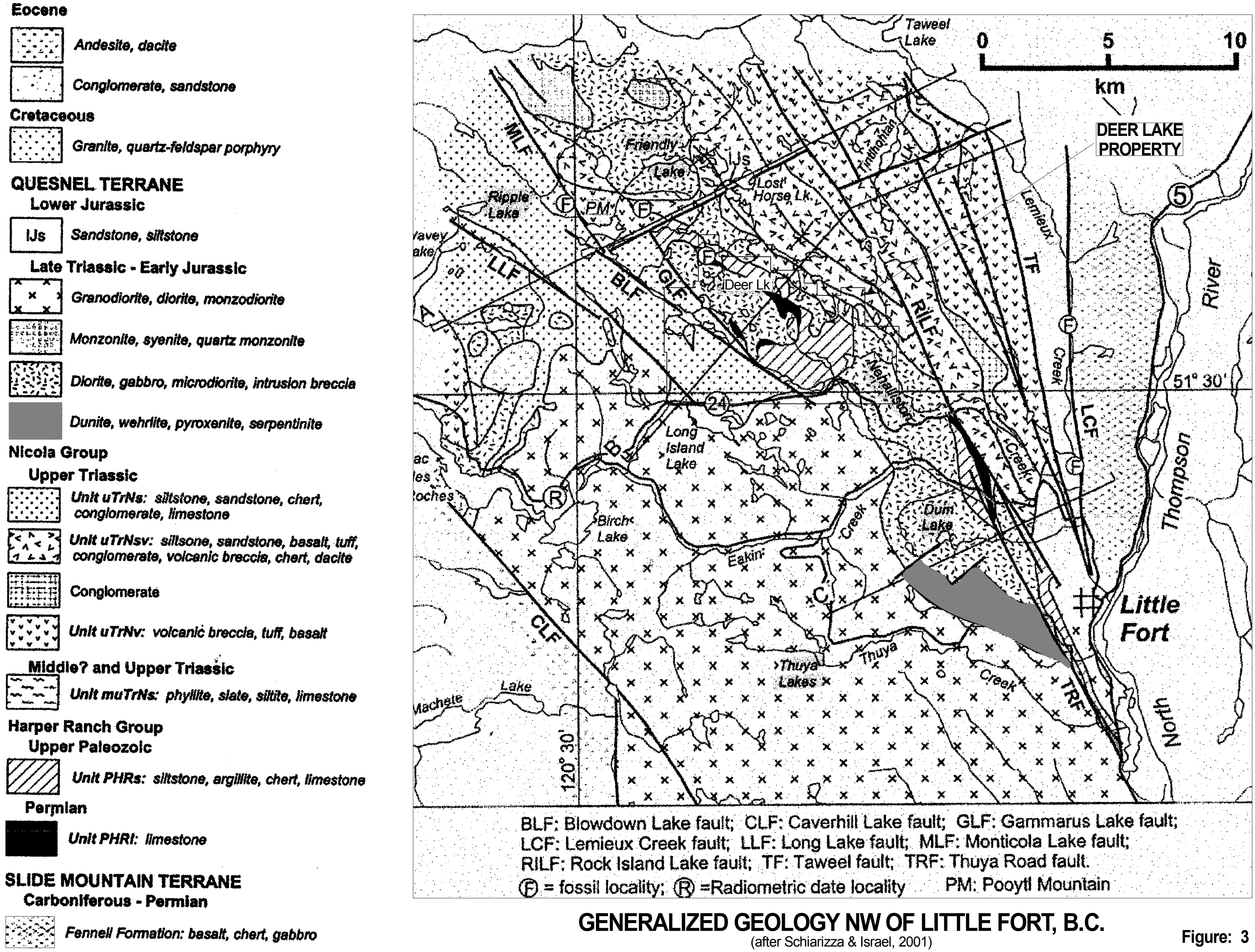
Claim Name	Tenure No.	No of Units	Expiry Date
Fort 7	216687	4	Nov 30, 2003
Fort 9	216702	4	Nov 30, 2004
Tun I	216957	16	Nov 30, 2003
Tun II	216958	20	Nov 30, 2003
Nuf #1	216959	15	Nov 30, 2003
Vit 1	217793	20	Nov 30, 2004
Vit 2	217794	20	Nov 30, 2004
Vit 3	217795	18	Nov 30, 2004
Vit 4	217796	20	Nov 30, 2004
Vit 5	217797	15	Nov 30, 2004
Vit 6	217798	10	Nov 30, 2004
Vit 7	217799	1	Nov 30, 2004
Vit 8	217800	1	Nov 30, 2004
Vit 9	218830	10	Nov 30, 2004
Vit 10	218831	4	Nov 30, 2003
Vit 11	218832	12	Nov 30, 2003
Vit 12	218833	12	Nov 30, 2003
Vit 13	218852	8	Nov 30, 2004
Vit 14	218853	4	Nov 30, 2003
DL 1	219046	16	Nov 30, 2003
Hook 1	373514	1	Nov 30, 2005
Hook 2	373515	1	Nov 30, 2005
Hook 3	373516	1	Nov 30, 2005
Hook 4	373517	1	Nov 30, 2005
Hook 5	373518	1	Nov 30, 2005
Hook 6	373519	1	Nov 30, 2005
Hook 7	375004	1	Nov 30, 2005
Hook 8	375005	1	Nov 30, 2005
Hook 9	375006	1	Nov 30, 2005
Hook 10	375008	1	Nov 30, 2005
Hook 11	375009	1	Nov 30, 2005
Hook 12	375010	1	Nov 30, 2005
Hook 13	375010	1	Nov 30, 2005
DL 1	393865	1	June 6, 2005

2.5 History

The Deer Lake property and surrounding region has witnessed exploration intermittently since the 1930s. Early exploration focused on gold bearing, sulphide rich skarn zones just west of Deer Lake. These were explored by a series of pits and at least one tunnel. Small shipments of hand-cobbled material were made to a smelter in the 1930s. During the 1960s and 1970s, the focus was shifted toward porphyry style mineralization associated with intrusions found on the property and in the surrounding region. Several drilling programs were conducted with emphasis in the Deer Lake area and areas of sedimentary rocks. Table 2 outlines the historical exploration activity on the Deer Lake property.

Table 2. Historical Work on the Deer Lake Property

YEARS	WORK BY	AREAS EXPLORED	SCOPE OF WORK	RESULTS	DOCUMENTATION
1933	Premier Gold Mines	Deer Lake (Lakeview)	• Short adit and several small pits.	• Assays to several oz/ton Au reported • Small shipment(s) of high-grade material made.	No data
1966/67	Anaconda Copper	Deer, Nora (Hook) and Laurel Lake	• Geochem, mapping, IP, trenching • Six DDHs totalling 610 metres.	• Unknown.	AR #905, 907, 910, 1123
1967/68	Royal Canadian Ventures	South and north of Long Island Lake	• Stream/soil sampling-Cu, Mo, Zn • IP survey on Eagle Creek Group	• Company reported previous work done on EC 60 Pb showing on slope north of Long Island Lake.	AR #1055, 1639
1968	United Copper	As above	• Geochem, mapping, mag, trenching, drilling		AR #2712
1972	Barrier Reef Resources	Heidi Lake	• Detailed grid, mapping, soil sampling (As, Cu, Pb, Mo, Hg), EM surveys. Three short DDHs.	• Large zone of anomalous Zn, As, Hg, and Cu. • High As values WNW of No Fish Lake. • No mention of Au analysis, no drill hole info.	AR #4028, 4062, 4262
1973/74	Rio Tinto	Goose, Thumb and Laurel Lake area	• IP, mag surveys. • 9 percussion holes totalling 457 metres. Holes all <75 m deep.	• No significant copper intersected. • No Au analysis conducted.	AR #4264, 4835, 4947, 5424, 5425, 5734
1977	Meridian Resources	McLeod, No Fish and Deer Lakes	• Soil sampling, mag survey. • Two percussion holes (455 m) on Fort claim west of Deer Lake.	• Sporadic Au, As, Cu anomalies in soils. • First hole contained strong Cu below 70 m. • No mention of Au analysis.	AR #6586, 8880
1980	Tunkwa Copper Mines Ltd.	Fort 7, 9; Tun I, II and Nuf #1 claims	• Wide spaced (200 m) grid lines. • 7 DDHs near Lakeview showings.	• Delineated 7 linear Au soil anomalies, 4 are up to 1 km. • Partial coincidence with As, Zn.	No public records.
1987	Vital Pacific Resources Ltd.	Heidi Lake area Deer Lake area	• Soil and IP survey and backhoe trenching, Two DDHs (433 m)	• IP delineated SE of Heidi Lake	AR #16134, 16223
1988	Vital Pacific Resources Ltd.	Between Porphyry and Nora (Hook) Lakes. Heidi Lake	• IP and mag survey over Lakeview showing (Deer L Grid). • IP, Mag, VLF-EM on 200 m spaced lines between Porphyry and Nora Lakes. • 16 holes totalling 1896 m.	• Large chargeability anomaly with sporadic coincidence with mag and VLF-EM south of Deer Lake. Open to NW and SE. • Drilling at Lakeview skarns intersected .105 opt Au/4m (DDH 88-8); 0.169 opt Au/4m (DDH 88-9) and 0.17% Cu/25m, (DDH 88-12) in South Lakeview showing. • DDH 88-10 SE of Heidi Lake encountered hornblende diorite • IP source reported to be 3 m siltstone band with 5-10% pyrrhotite and trace chalcopyrite at depth >100 m.	AR #18796
1989/90	Teck Corporation	East of Iron Lake and along road south of Nora (Hook) Lake	• Geological, geochemical, geophysical surveys, trenching and diamond drilling. • 14 DDHs totalling 1952 metres. • Total expenditure $424,000.	• Delineated coincident chargeability, magnetic and VLF-EM anomalies reflecting skarn and possible porphyry mineralization. • Trenching encountered magnetite-pyrrhotite skarn breccia averaging 0.3% Cu. No significant Au. • Drilling intersected magnetite-pyrrhotite skarn - 0.13% Cu /13 m. • Drilling of chargeability anomalies did not indicate significant potential for porphyry style mineralization.	AR #20014, 20020
1999	Electrum Resource Corp.	Property Wide	• Silt, panned concentrate sampling • Prospecting, rock sampling	• Several strong gold stream anomalies; 8 samples contain visible Au • Main areas of interest W of Hook Lake and SW area of property.	AR # 26223
2000	Electrum Resource Corp.	Hook Lake, EC 60	• Grid sampling, stream sampling • Prospecting, rock sampling	• Discovery of Cu-Au bearing skarn float along new logging road. • Highly anomalous Zn, Ag in soils around EC 60 showing. • Abundant Au anomalous felsic intrusive float found along Hwy 24.	AR # 26418



GENERALIZED GEOLOGY NW OF LITTLE FORT, B.C.

(after Schiarizza & Israel, 2001)

Figure: 3

3.0 GEOLOGY

The following narrative regarding the geology and mineralization of the region and the Deer Lake property is largely taken from a report by Mr. Gerry Ray dated August 21, 2002.

The claim block lies on the Nehalliston Plateau in the eastern part of the Quesnel Terrane. The district has recently been remapped by the BC Geological Survey (Schiarizza and Israel, 2001; Schiarizza et al., 2002a and b) and the following description is based largely on their work. The claims lie immediately west of the North Thompson River, which probably follows a major north-trending structure. A series of multiphase, northwest striking splay faults off this major structure pass up through the Deer Lake area (Figure 3).

3.1 Supracrustal Rocks

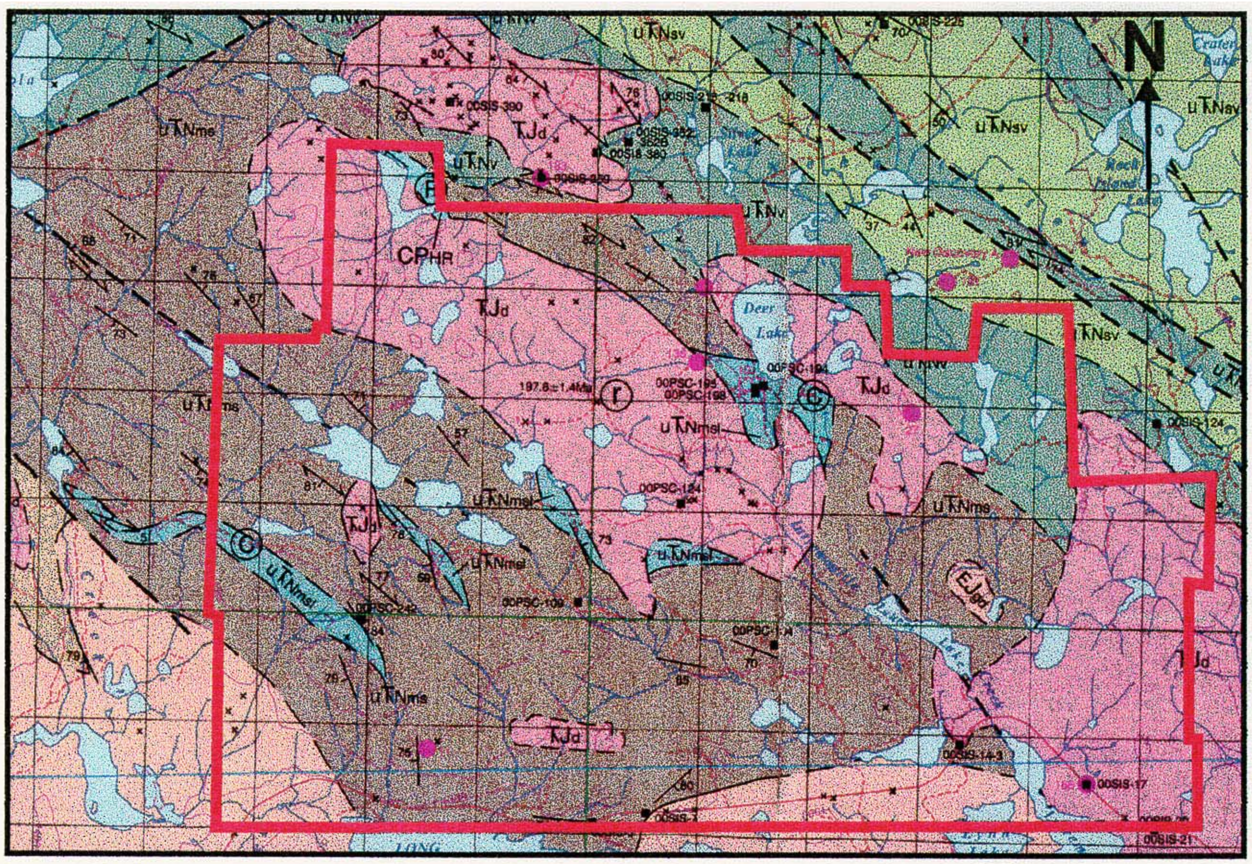
Rocks of the northwest trending supracrustal belt are separable into two temporally distinct packages, namely (1) Devonian to Carboniferous rocks of the Harper Ranch Group and Fennnell Formation and, (2) Middle to Late Triassic rocks of the Nicola Group. The Fennel is an oceanic succession of pillowed basalts, cherts and mafic rocks while the Harper Ranch Group in this district comprises generally fine grained sedimentary rocks with minor limestone units. The Nicola Group is believed to overlie the Harper Ranch rocks with an angular unconformity. It makes up the majority of the supracrustal rocks on the claims and comprises mafic volcanics and tuffs, argillites and calcareous siltstones, as well as some thin, widely distributed units of limestone. Unlike the Harper Ranch limestones, the Nicola Group calcareous rocks are important hosts for the Cu-Au skarns and Zn-Pb mantos on the property.

3.2 Local Geology

Due to the extensive glacial till, rock outcroppings on the Deer Lake property are scarce. Most rock exposures are found along logging roads, on ridge tops and locally in creek gullies. Recent logging roads in the western, central and southeastern portions of the property have created numerous bedrock exposures in road banks and clear cuts.

Nicola Group rocks that have been intruded by several granitic to mafic intrusions underlie most of the Deer Lake property. Andesitic flows and minor pyroclastic rocks are among the most common lithologies observed. These rocks are most common in the central to eastern portions of the property. Another significant component of the Nicola rocks are bands of sediments comprised of argillite, calcareous siltstone, limestone and cherty tuffs. Field observations have revealed that the sedimentary rocks are most common in the central, western and southwestern portions of the property. Bands of these rocks also occur northwest of Deer Lake. The most common sedimentary rocks observed consist of grey to black often limonitic argillite with interbeds of calcareous siltstone and cherty argillite and minor conglomerate. The sedimentary sequence trends roughly west northwesterly with bedding attitudes that range from a westerly to north-northwesterly strike and dip steeply to the south and north.

The northwest trending belt of supracrustal rocks is intruded by a number of Late Triassic to Early Jurassic plutons and intrusive complexes (Figures 3, 4). These include calc-alkaline and alkaline types that compositionally range from diorite, to quartz diorite to gabbro with lesser amounts of ultramafic, syenitic and quartz monzonitic rocks. On the basis of age, composition and location, Schiarizza and Israel (2001) have separated these into a number of complexes. These include the Dum Lake Intrusive Complex, which lies immediately west of Little Fort, and the Thuya Batholith, to the southwest, which is the largest batholith in the district. The Thuya Batholith mainly comprises granodiorites and diorites. It is bordered to the northwest, north and northeast by a number of mafic



Note: grid lines are 1 km long & approximate boundary of claim block is shown in red.

LEGEND

QUATERNARY

- Qal — *Unconsolidated glacial, fluvial and alluvial deposits*
- Qv — *Basalt*

EOCENE

Kamloops Group

- Ev — *Skull Hill Formation: andesite, basalt, dacite, volcanic breccia; minor amounts of sandstone, siltstone, conglomerate*
- Es — *Chu Chua Formation: conglomerate, sandstone*

CRETACEOUS

- Kg — *Granite, quartz-feldspar porphyry*

EARLY JURASSIC

- lJs — *Siltstone, sandstone, conglomerate*
- EJgd — *Granodiorite; locally includes quartz diorite, diorite and monzodiorite*

LATE TRIASSIC(?) and EARLY JURASSIC

- ŦJs — *Syenite, monzonite, quartz monzonite*
- ŦJs — *Diorite, microdiorite, syenite, intrusion breccia; pyrite-silica-altered rock, skarn and chloritic schist derived from these intrusive rocks and/or associated country rocks*
- ŦJd — *Diorite, microdiorite, gabbro; locally includes clinopyroxenite and intrusion breccia*
- ŦJum — *Dunite, wehrlite, clinopyroxenite, serpentinite*

MIDDLE AND LATE TRIASSIC

Nicola Group

- uŦNsv — *Volcanic sandstone, siltstone, conglomerate, volcanic breccia, tuff, basalt, chert, limestone*
- uŦNv — *Mafic volcanic breccia, massive to pillowed pyroxene-phyric basalt; minor amounts of volcanic sandstone, siltstone and conglomerate*
- uŦNfv — *Dacite, sericite schist with felsic volcanic fragments*

Meridian Lake succession

- uŦNms — *Siltstone, argillite, slate, sandstone, conglomerate, limestone*
- uŦNmsl — *Limestone; locally includes slate, siltstone and chert*

Lemieux Creek succession

- muŦNs — *Siltstone, slate, phyllite, sandstone, quartzite, siltite, limestone*
- muŦNsl — *Limestone; lesser amounts of slate and siltstone*

Wavey Lake succession

- ŦNwv — *Volcanic breccia, tuff, volcanic sandstone*
- ŦNws — *Chert, slate, siltstone, volcanic sandstone, conglomerate*

CARBONIFEROUS - PERMIAN

Harper Ranch Group

- CPHR — *Siltstone, argillite, chert, limestone*

Fennell Formation

- CPFu — *Upper Structural Division: pillowed and massive basalt; minor amounts of chert, diabase, gabbro; CPFuc - chert*
- CPFl — *Lower Structural Division: chert, slate, siltstone, basalt, gabbro, diabase*

GEOLOGY OF THE DEER LAKE PROPERTY

(after Schiarizza et al 2002b)

Figure: 4

diorite bodies that may represent related satellite stocks. These dioritic plutons and their associated minor bodies are economically important because they are believed to be genetically related to the Cu-Au skarns on the Deer Lake property.

Given the extensive glacial cover, there is the possibility of other intrusives. In 1991, numerous gold mineralized float boulders (up to 4 g/tonne) were discovered 1.4 km southeast of the Deer Lake property just south of Highway 24. Many of these boulders consist of altered and occasionally brecciated felsic intrusive and lesser porphyritic volcanic rock. Geologic and petrographic evidence suggests that the source of this float could be a hydrothermally altered intrusive that intruded the Nicola volcanics. The observed brecciation may be the result of a fault structure and/or the emplacement of the intrusive. Glacial directions suggest an "up ice" source ranging from north-northwest to northwest. It is conceivable that the source is on or near the southeastern portion of the Deer Lake property.

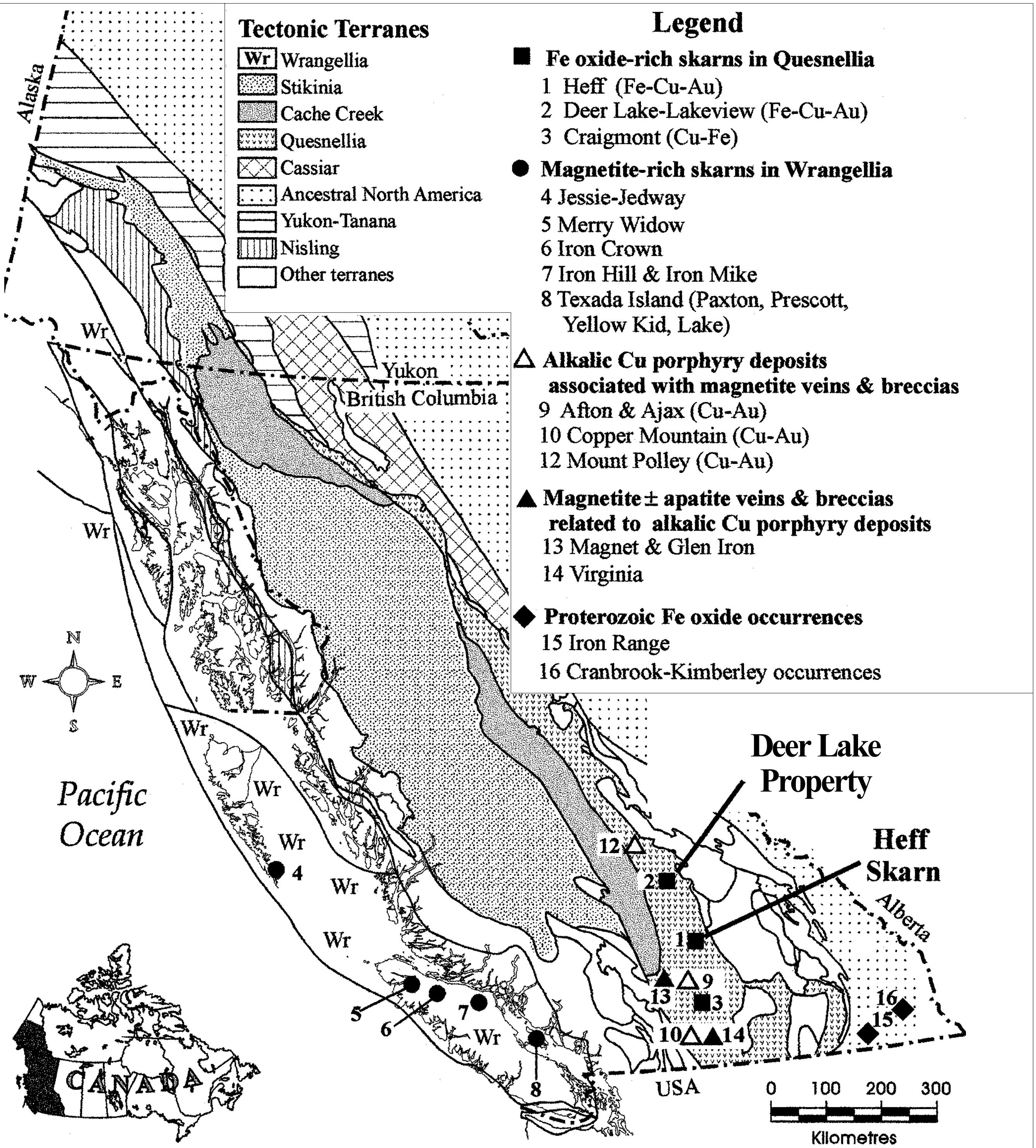
Recently, numerous limonitic float fragments of a felsic intrusive were also found just east of the Taweel Lake road and Highway 24 junction. These often subangular rocks occur in shallow glacial till on top of probable Thuya batholith diorites. Interestingly, the float looks similar to that discovered in 1991 approximately four kilometres to the east. Given the regional ice movement, a direct relationship between these two felsic intrusive float occurrences is unlikely. The hypothesis of structurally controlled intrusive bodies "up ice" or northerly could be relevant to both float occurrences.

3.3. Structure

Schiarizza and Israel (2001), Schiarizza et al. (2002a and b) note that the supracrustal rocks have been deformed by two fold phases, both of which overprinted the Nicola rocks. No pre-Nicola structures have been recognized in the older Harper Ranch rocks, although their presence is inferred by the Nicola-Harper Ranch angular unconformity. The earliest identified (F1) deformation produced open to tight folds with NW striking axial planes. F1 fold axes mostly plunge up to 30° northwest but southeast plunging and even sub-vertical plunging axes are seen (P. Schiarizza, personal communication, 2002). The deformation was accompanied by low-grade metamorphism (sub-greenschist to greenschist), and a strong tectonic foliation is rarely developed except in zones of local high strain, such as within major fault systems or along the margins of some plutons. In the finer grained rocks the F1 fold-phase was accompanied by the local development of northwest striking, generally steeply dipping axial planar slatey or fracture cleavages. A younger, F2 fold phase resulted in the sporadic formation of a crenulation cleavage. Schiarizza and Israel (2001) speculate on the presence of a major northwest striking F1 fold structure, the Nehalliston Syncline. The volcanic and tuffaceous rocks in the Deer Lake area are believed to lie on the southwest limb of this synform, implying that they are a locally part of a northeast younging sequence.

The district is dominated by sets of northwest to north-striking faults (Figures 3, 4) as well as less common northeast-trending structures (Campbell and Tipper, 1971; Schiarizza et al, 2002a and b). These authors note that many of these faults cut Eocene rocks but pre-date the Miocene. Schiarizza and Israel (2001) report that these Eocene movements in the western part of the district resulted in west-side down normal displacement whereas those further east resulted in dextral strike slip faulting along the Rock Island Lake fault zone. This latter transcurrent fault zone lies northeast of the Deer Lake area.

Although post-Eocene movement is recognized, the structural control of some skarns along northwest-trending fractures in the Deer lake area is supportive evidence that pre-Eocene faults are also present. There is no evidence that early Triassic, sediment controlling growth faults existed in the district (P. Schiarizza, personal communication,



To accompany a report by W. Gruenwald, P. Geo.
(Cordilleran tectonic terranes after Wheeler et al., 1991)

ELECTRUM RESOURCE CORP.

Iron Oxide Rich Deposits of B.C.

DEER LAKE PROPERTY

Kamloops Mining Division, B.C.

Tech Work By: GEOQUEST	Date: January, 2003
Drawn By: EG	Figure: 5

2002). However, it is likely that some of the northwest-striking faults represent late Triassic to Early Jurassic structures that controlled both the plutons and the skarn mineralization. These older faults have probably undergone subsequent recurrent movements, including the post-Eocene deformation.

4.0 MINERALIZATION

The northwest trending belt of Upper Paleozoic to Lower Mesozoic arc-supracrustal and plutonic rocks of the Quesnel Terrane that underlies the Deer Lake claim block hosts many of the provinces largest and most economically important alkalic and calc-alkalic Cu porphyry deposits. These include the Afton-Ajax, Copper Mountain and Mount Polley Cu-Au porphyries (Figure 5), and the Cu-Mo deposits in the Highland Valley area and at the former Brenda Mine. In addition, the rocks of the Quesnel Terrane host a number of major Cu or Au skarns including the Craigmont, Ingerbelle and Nickel Plate deposits.

Minfile records indicate seven mineral occurrences on the Deer Lake property most of which are copper-gold bearing (Figure 6). Virtually all mineralization occurs within the Nicola Group rocks, usually the sediments. The most documented occurrence, known as the ***Lakeview***, (MINFILE 092P 010), consists of small, irregular garnet-diopside skarn zones containing magnetite, pyrrhotite, pyrite, chalcopyrite and lesser arsenopyrite. Mineralization occurs in calcareous rocks near their contact with a dioritic intrusive. Early records (1930s) indicated grades of several ounces/ton gold from arsenopyrite rich material. Small shipments of high-grade material were reportedly made. Previous drilling failed to develop any sizeable zones, encountering instead narrow areas of relatively low-grade gold-copper mineralization. Located 500 metres south, the Lakeview South (Iron Lake) skarn occurrence consists of magnetite bearing breccia containing minor gold. The ***PYCU*** (MINFILE 092P 136) is another skarn showing related to the mafic intrusive situated west of Deer Lake. This showing occurs in Nicola volcanics with 1 to 10% pyrite and pyrrhotite. Only minor amounts of gold were reported.

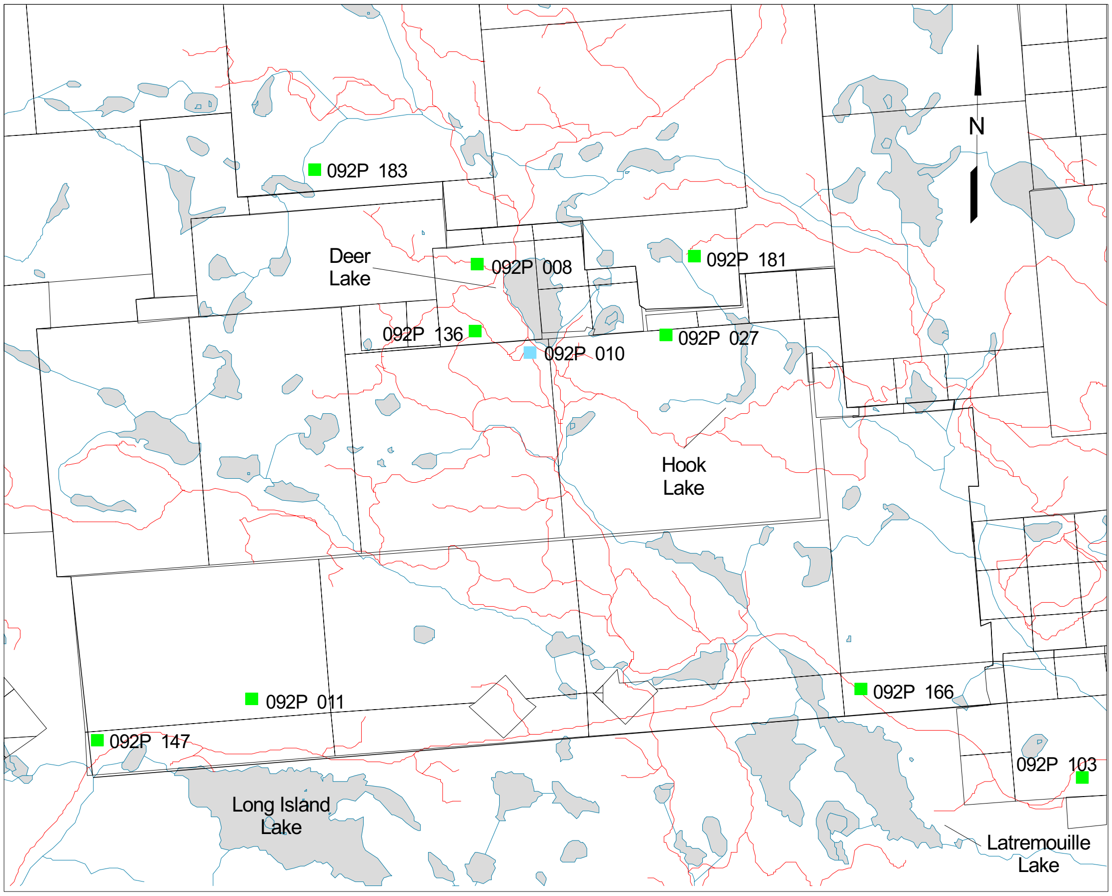
During 2002, three mineral occurrences were examined by the author and Mr. Ray. Most of the following descriptions are taken from Mr. Ray's 2002 report.

4.1. Rio Showing

This showing lies in the northeast part of the claim block between Deer Lake and Hook Lake (Figure 12 and 13 – Appendix I). Earlier this year, Warner Gruenwald and Rob Montgomery discovered some outcrops with both skarn and widespread pervasive ***silica-carbonate-feldspar (SCF)*** alteration in a new clear-cut, approximately 200 metres west-northwest of the Red showing. Recent logging has exposed several well-scattered and small (<2 metres diameter) outcrops in this area.

This exciting new discovery can be traced discontinuously for over 150 metres in a number of small outcrops and frost-heaved subcrop. It appears to consist of an elongate zone of alteration and mineralization that trends west-northwest, parallel to the layering or bedding in the tuffaceous sediments and the margin of the diorite stock believed to lie immediately to the southwest. The 2002 geophysical survey reveals similarly oriented magnetic and VLF-EM anomalies in the area.

Geological mapping of the district by Schiarizza et al (2002a and b) suggests that the area immediately southwest of the Rio showing area is underlain by an elongate, northwest trending dioritic stock less than 1 km wide and approximately 3 km long (Figure 4). This stock, which passes from Hook Lake northwestwards to Deer Lake, forms



DEER LAKE PROPERTY

■ **092P 008 Mineral showing withMINFILE number**

■ **092P 008 Prospect with MINFILE number**

092P 008 Silver (Cu-Zn-Fe skarn)
092P 010 Lakeview (Cu-Au-Fe skarn)
092P 011 EC 60 (Ag-Zn-Pb manto and veins)
092P 027 Red (Cu skarn)
092P 103 G Claims (Ag-Pb-Zn veins)
092P 136 PYCU (Cu-Au-Fe skarn)
092P 147 Janice Creek (Cu skarn)
092P 166 Latremouille (Porphyry related Cu-Au)
092P 181 Spider (Ag-Pb-Zn veins)
092P 183 Wandering Dog (Cu Skarn)

Scale 1:75,000

0 1.0 2.5 km 5.0

ELECTRUM RECOURCE CORP.

MINERAL OCCURRENCES

DEER LAKE PROPERTY

Kamloops Mining Division, B.C.

Tech Work by: GEOQUEST	Date: January, 2003
Drawn By: EG	Figure: 6

To accompany a report by W. Gruenwald, P. Geo.
(from BCGS Map Place)

part of a suite of mafic intrusions that are probably responsible for many of the magnetite-rich Cu-Au skarns in the claim block. Southwest of the stock is a northwest-striking package of Nicola Group sedimentary rocks that include limestones which host numerous magnetite-rich skarns, including the Lakeview prospect.

On the northeast margin of this stock, a northwest-striking succession of volcanic flows, tuffs, tuffaceous sediments and siltstones are believed to host the Red and Rio showings. Most of the volcaniclastics appear to be fine-grained andesitic ash tuffs, but coarser grained lapilli tuffs are also present. The sparse outcrops on the Rio grid suggest that these rocks are intruded by some minor bodies of highly altered diorite and quartz monzonite interpreted to be dikes and sills originating from the main dioritic stock immediately to the south.

The alteration and mineralization, like that at the nearby Red showing, appear to be mainly controlled by one or more structures striking approximately 300° and dipping steeply northeast. Three types of alteration and mineralization are noted near the Rio showing, namely:

1) Actinolite-epidote-garnet-pyroxene skarn containing pyrite-magnetite and trace chalcopyrite.
2) Pervasive silica-carbonate-feldspar (SCF) alteration that is characteristically orange-brown weathering, and which contains pyrite, specular hematite and trace chalcopyrite (Photo 1), and
3) Porphyry-style chalcopyrite-pyrite and possible chalcocite in quartz monzonite.

Of these, (3) above is only seen north of the main Rio zone at UTM 682851-5711944. Here, a subcrop of epidote-pyrite altered micro quartz monzonite contains chalcopyrite and malachite as well as possible disseminated chalcocite.

The other two styles of alteration and mineralization are the most common in the Rio showing. They appear to be closely related spatially, although the SCF style appears to be much more extensively developed than the skarn. The skarns contain abundant dark green actinolite and pyroxene, light green epidote, and lesser amounts of brown garnet and calcite. Locally, the skarns contain abundant pyrite as coarse disseminations and veinlets. Also present are trace chalcopyrite and sporadic trace magnetite. Skarn alteration is so intense that it is unsure whether these represent endo or exoskarn, although the latter interpretation is preferred.

The SCF alteration is also seen as float, near not only the Rio showing but also elsewhere throughout the claim block. It is characterized by a distinctive orange-brown weathering rock that when fresh has a pale grey to greenish-grey to buff color. Unlike the skarns, this style of alteration probably overprints both the tuffs and the intrusions. It appears to mainly comprise pervasive, massive and fine to coarse-grained carbonate-silica alteration, with lesser plagioclase (albite?). It also contains abundant blebs and small irregular veinlets of quartz, as well as parallel sets of larger, planar quartz veins that may reach 2 cm in thickness. Locally, it contains traces of chalcopyrite as well as more abundant specular hematite and pyrite; both the latter minerals occur in veinlets and as fine to coarse-grained dissemination. In some cases, this alteration also contains a fine-grained, pale green micaceous mineral that was tentatively identified as fuchsite. This mineral occurs either as disseminations or, less commonly, in veins. These fuchsite-bearing rocks closely resemble listwanite-magnesite alteration developed in ultramafic rocks elsewhere in British Columbia.

The outcrops and subcrops containing either skarn or SCF alteration at the Rio showing extend over a strike length of at least 150 metres and a width of 60 metres. However, the scarcity of outcrop in the immediate vicinity of the Rio showing makes it uncertain if there is a single mineralized structure or whether there are several sub-parallel alteration zones. It is clear however, that other silica-carbonate altered zones do exist in the neighborhood. Approximately 500 meters east of the Rio showing, there is a 150 meter-long and 120 meter wide train of boulder float containing numerous pieces of orange-brown weathered SCF alteration up to 1.5 metres in diameter. The location of this float makes it unlikely to be derived via ice movement from the Rio showing. Some float represents pervasively altered coarse lapilli tuffs and ash tuff. In one case the sharp, irregular contact between the massive SCF alteration and the hosting tuff is clearly seen. In addition to abundant SCF alteration, this float train also contains pieces of epidotized and silicified tuff containing pyrite, chalcopyrite and malachite (at UTM 683280-5711819 for example) while a short distance away at UTM 683287-5711862, float of pyroxene-epidote-quartz-pyrite skarn is present.

4.2 Red Showing

The ***Red*** showing (MINFILE 092P 027), located between Deer and Nora Lakes is exposed in at least two small, elongate pits that lie close to the summit of a low hill at approximately 150 to 200 meters ESE of the Rio showing (Figures 12 and 13 - Appendix I). Earlier reports (Assessment No. 3945) describe the presence of two adits, but these were not seen. A short, shaft-like working lies approximately 200 metres southwest of the Red showing.

The showing is hosted by massive, pale to dark green, weakly silicified ash tuffs. No bedding was seen but in places the tuffs are overprinted by a west-northwest striking, steep, southerly dipping fracture cleavage. The tuffs locally contain 1 to 3 percent pyrite as fine-grained disseminations and veinlets; some pyrite veins are controlled by the fracture cleavage. At this showing, fine-grained tuffs are cut by a single narrow shear that is bordered by a series of thin, sub-parallel fractures. The shear and its satellite fractures strikes 275° to 300° and vary in dip from 75° east to 75° west. In one 4m x 4m x 2m deep pit the shear contains garnet-pyroxene-epidote-quartz skarn alteration that reaches 0.75 metre in width, although it is generally < 0.25 metres thick. The skarn includes veins and pods of pyrite, up to 3 cm in diameter, as well as lesser magnetite, pyrrhotite and trace chalcopyrite. Just 20 metres further east is a 2m x 3m x 1 m deep pit, apparently dug to expose the mineralized shear seen in the adjoining pit. Here the shear and its adjacent fractures contain veins and disseminations of coarse pyrite and lesser pyrrhotite, but no skarn was seen. MINFILE data reports Cu values up to 0.71 percent, and some high Au assay values are reported from the shear-hosted skarn (Electrum Resources Corp., 2000).

4.3. Summary of the Rio and Red showings

Three types of Cu-Fe oxide mineralization and alteration are identified, namely:

1) Magnetite-rich Cu skarns,
2) Pervasive silica-carbonate-feldspar (SCF), and
3) Cu porphyry-style chalcopyrite mineralization in altered quartz monzonites.

Of these, the SCF alteration is the most extensive while the porphyry-type mineralization was seen in only one subcrop.

The skarn and SCF alteration are structurally controlled along west-northwest striking, steeply dipping shears and fractures that cut both tuffaceous and intrusive rocks. The skarn mineralization in the Rio closely resembles that seen at the nearby Red showing. The Rio may represent a west-northwest continuation of the Red mineralized structure which would mean an overall strike length of >300 metres. Alternatively, they may each lie on different, sub-parallel or en-echelon structures.

At the Rio, both the skarn and SCF styles have a close spatial association but it is not known if they are related genetically. One possibility is that there were two unrelated phases of mineralization that both used the same structure. However, the author (G. Ray) favors a model that involved one fluid event that resulted in relatively narrow proximal skarns and the formation of wider, distal and lower-temperature envelopes marked by the silica-carbonate-feldspar (SCF) alteration. It is likely that the mineralization and alteration may pinch and swell both along strike and with depth. Thus, some parts of the structures may contain no alteration at all, while elsewhere they may be marked by only skarn (as at the Red) or skarn and SCF (as in parts of the Rio) or by SCF without skarn. The width of skarn and SCF envelopes will depend on both rock permeability and host rock lithology.

4.4 EC 60 Zn-Pb showing

This showing (MINFILE 092P 011) was visited in the company of John Barakso. It lies in the southwest corner of the claim block on a steep, south-facing slope, about 700 metres north of Long Island Lake (Figures 6, 7). Access can be made via a disused logging road that branches southwards off Blowdown Road. From the end of this logging road it is necessary to walk approximately 450 metres further south to reach the showing. During previous exploration, a series of east-west trending trenches were dug, but these were subsequently filled-in. Consequently, no well-mineralized outcrops were seen. However, altered outcrops were examined both east and west of the trenched area, and mineralized float was observed over and immediately down-slope of the former trenches.

Immediately west of the trenches, three small outcrops of weakly hornfelsed Nicola Group sedimentary rocks were examined along a small overgrown southwest trending exploration road. These include bedded siltstones, non-bedded argillites, some thin-bedded marbles, and rocks that represent either cherts or silicified siltstones. The bedding in these rocks strikes south-southeast and dips steeply west. At UTM 678585-5708556, the siltstones are overprinted by a southeast striking, sub vertical fracture cleavage (Photo 2) demonstrating that the sedimentary package lies on the western to southwestern limb of a F1 antiform that closes to the east.

Nearby, at UTM 678582-5708585, a thin (<3cm), stratiform pyritic horizon with minor garnet skarn lies along the contact between a marble and underlying siltstone. The weak skarn in this area consists of reddish brown garnet and minor clinopyroxene, with pyrite. Sample GR02-24 was taken of this alteration but an assay showed no evidence of significant mineralization. Further down the exploration road, at UTM 678547-5708555, there is a small outcrop of massive argillite with a highly deformed metasediment that represents either ribbon chert or silicified siltstone; the bedding in the latter rock is highly transposed.

At least six outcrops were examined beyond the eastern end of the trenched showing. These comprise either strongly hornfelsed argillite or a rusty weathering, feldspathic intrusive. The latter is massive, medium to coarse grained and strongly altered and locally silicified. It contains < 3 percent altered biotite and trace pyrite and probably has a quartz monzonitic composition. A sample of the intrusive (GR02-23) showed no signs of mineralization.

In the area of the former trenches, several interesting pieces of float were closely examined and some were sampled. These included float of hornfelsed and non-hornfelsed argillite and siltstone, some light grey to bleached marble and limestone, samples of dark, sphalerite-rich material (up to 30 cm in diameter) and some large (up to 1.5 meters) of quartz monzonite. The mineralized float comprised abundant massive black sphalerite, which is locally cut by veinlets of fine-grained galena. The mineralization also contains large (0.5 cm) calcite crystals, and disseminated pyrrhotite and lesser pyrite. Many of the Zn-rich float samples were coated with black Mn oxides. In addition to very high amounts of Pb and Zn, the sample contained anomalous amounts of Ag, As, Cd, Mn, Sb, and W, as well as 2.5 g/t Au (Appendix A).

The large intrusive boulders in the trench area resemble the quartz monzonite that outcrops immediately to the east; they are altered, quartz rich and contain up to 2 percent finely disseminated pyrite. However, some of the larger float boulders represent an intrusive breccia containing abundant xenoliths of hornfels. One 1.5-meter diameter float was sampled (GR02-26) to test the pyritic mineralization in the quartz monzonite. Analytical results showed weakly anomalous Pb values (124 ppm).

4.5. Summary of the EC 60 Zn-Pb showing

A south-southeast striking, steep westerly dipping package of siltstones, argillites, limestones and possibly cherts that presumably belong to the Nicola Group host the showing. These sedimentary rocks have been deformed by upright F1 folds with southeast trending axial planes, and are locally overprinted by a weak, sub vertical fracture cleavage. The cleavage seen in one outcrop suggests that the sedimentary package lies on the southwest limb of a F1 antiform that closes to the east.

These rocks were intruded, hornfelsed and marbleized by a feldspathic quartz monzonite that is exposed immediately east of the trenched area. The size of this intrusion is unknown; it is altered, locally silicified and contains disseminated pyrite. It may be genetically related to the adjacent Zn-Pb mineralization that presumably underlies the filled-in trenches.

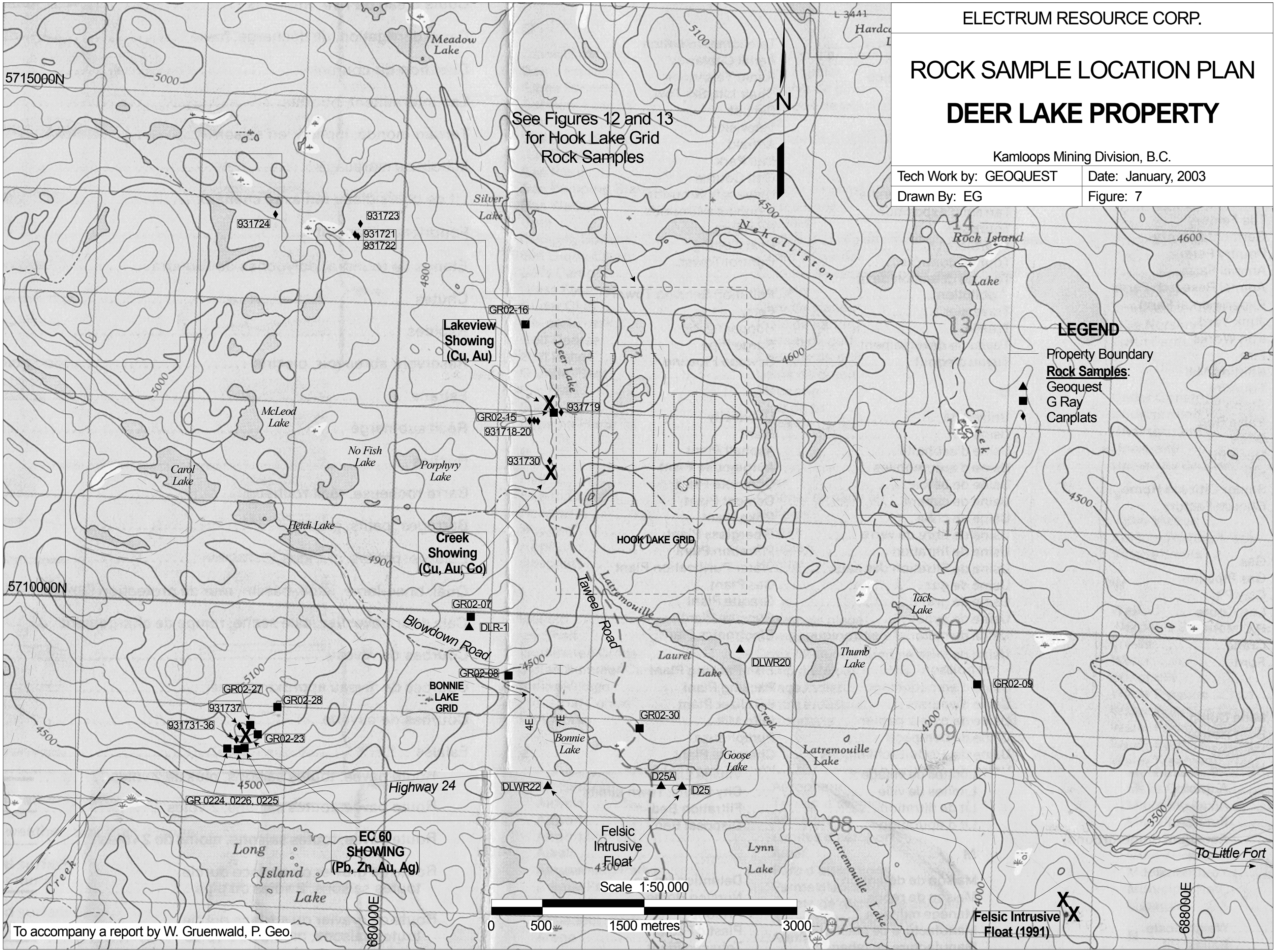
The EC 60 Zn-Pb showing is believed to represent polymetallic vein and manto-style mineralization that is locally associated with weak garnet-pyroxene skarn alteration. The Mn oxide coatings on some float, as well as the exceedingly high Mn content of the Pb-Zn mineralization are characteristic of this style. In addition to its high Pb-Zn content, the mineralization is notable in containing high to anomalous quantities of Au, Ag and W.

Due to its small size, the showing probably has a low economic potential. Worldwide, polymetallic veins and mantos of this type often form on the outermost parts of many skarn and porphyry systems. In many such cases, the Zn-Pb showing may develop many hundreds and even thousands of meters from their magmatic hydrothermal source. Thus, the EC 60 showing may be significant in representing the distal signature of a much larger, well mineralized deposit located at depth or in the nearby area.

It is worth noting that sampling by the writer in 1999 in drainages east and west of the EC 60 showing revealed among the highest concentrations of gold in panned concentrates on the property. Two stream samples 800 and 1000 metres east of EC 60 contained angular visible gold and highly anomalous zinc. The source of these anomalous samples has not yet been determined.

4.6 Creek Zone

A short visit was made to the “Creek Zone” accompanied by John Barakso. This magnetite-rich Cu-Au-Co skarn lies southerly of the Lakeview showing at UTM 681553-5711440 (Figure 7). Approximately 20 years ago, the showing was subjected to trenching and some short drill holes were put down (personal communication, J. Barakso). Both outcrop and abundant float of mineralized skarn are seen close to, and along, a deeply incised creek.



ELECTRUM RESOURCE CORP.
ROCK SAMPLE LOCATION PLAN
DEER LAKE PROPERTY
Kamloops Mining Division, B.C.
Tech Work by: GEOQUEST
Date: January, 2003
Drawn By: EG
Figure: 7
N
LEGEND
Property Boundary
Rock Samples:
Geoquest
G Ray
Canplats
See Figures 12 and 13 for Hook Lake Grid Rock Samples
5715000N
5710000N
Lakeview Showing (Cu, Au)
Creek Showing (Cu, Au, Co)
HOOK LAKE GRID
BONNIE LAKE GRID
EC 60 SHOWING (Pb, Zn, Au, Ag)
Felsic Intrusive Float
Felsic Intrusive Float (1991)
931724
931723
931721
931722
GR02-16
GR02-15
931718-20
931719
931730
GR02-07
DLR-1
GR02-08
GR02-27
GR02-28
931737
931731-36
GR02-23
GR 0224, 0226, 0225
DLWR20
GR02-09
GR02-30
D25A
D25
DLWR22
4E
7E
Blowdown Road
Taweel Road
Highway 24
To Little Fort
Scale 1:50,000
0
500
1500 metres
3000
680000E
688000E
To accompany a report by W. Gruenwald, P. Geo.

The immediate area includes some marble and thinly banded (bedded?) calcareous metasediments that are overprinted by pale brown massive garnetite. In places, the skarn consists of alternating layers of pale garnet and massive pale (hydrothermal?) silica. These interlayers appear to mimic bedding and strike east-west to east-southeast and dip steeply south. Locally, the garnet skarn is cut by veins of massive magnetite up to 7 cm thick containing up to 3 percent pyrite and trace chalcopyrite. The best mineralization was observed in float. The skarn float comprises very dark brown garnet (andradite?) and dark green to black clinopyroxene (hedenbergite?), which has been extensively retrograde, altered by chlorite and epidote. Mineralization includes magnetite, pyrite, chalcopyrite, and some malachite.

Some float is of particular interest in comprising angular to sub-angular clasts of pyroxene-dominant skarn, generally less than 0.3 m in diameter, supported in a matrix of white quartz and lesser feldspar (Photo 3). These are interpreted to be hydrothermal breccias, and the quartzo-feldspathic matrix occurs either as irregular veins or as stockworks. Some of these breccias are stained by the hydrous cobalt arsenate, erythrite.

To summarize, the Creek Zone represents a magnetite-bearing garnet-pyroxene skarn with Cu-Au-Co mineralization. Like some of the rocks in the Friendly Lake claim block further northwest it is marked by mineralized and altered breccias that are believed to be hydrothermal in origin. The float and outcrop suggests that the garnets in the skarn vary in color from very light to very dark brown; this color change may represent a distal to proximal zoning in the system. Many of the dark clinopyroxenes are possibly hedenbergitic and, elsewhere in the world, many such hedenbergite-rich skarns are associated with Au mineralization. Thus, the Creek Zone showing clearly warrants further work.

5.0 EXPLORATION WORK

During June 2002, the writer and Rob Montgomery established a grid between Deer and Hook Lakes in the north central portion of the property. Soil and rock sampling was completed over the grid along with magnetometer and VLF-EM surveys. The objective was to test the area of the gold bearing magnetite skarn float and a siliceous zone (Rio) exposed by recent logging. The grid also tested ground east of Deer Lake acquired by Electrum Resources in the past two years

The writer and property owner Mr. John Barakso accompanied Mr. Gerry Ray for part of this time. Mr. Ray who has extensive experience in skarn deposits was retained to examine and sample several mineral occurrences on the property and conducted a detailed examination of the Hook Lake grid.

A second examination of the property took place on August 19 – 20th with the author and Mr. Ken McNaughton of Canplats Resources Corporation. The focus of this work was comprised of rock sampling on the Rio showing, Hook Lake grid and the EC 60 showing. Canplats conducted follow up sampling on two areas of the Hook Lake grid on September 17 – 18.

6.0 GEOCHEMICAL PROGRAM

The area between Deer Lake and Hook (Nora) Lake was the major focus of the 2002 exploration program. This area covers the recently discovered copper-gold bearing skarn float, the Rio and Red showings and the recently acquired Hook claims. The grid extended easterly to a drainage where previous sampling yielded highly anomalous gold in silt and visible gold in panned concentrates.

The Hook Lake grid consists of a 1.6 km east-west base line along which north-south chain and compass cross lines were established. A line spacing of 200 metres was employed along which 25 metre stations were established. Line lengths were variable owing to the irregular northern claim boundary. In all, 13.4 kilometres of grid was established.

Soil samples were collected along the cross lines at 50 metre intervals. Samples consisted of "B" horizon material usually from 10 to 30 cm deep. In low or boggy areas, this horizon was considerably deeper or not developed at all. Samples were collected using tree planting shovels and placed in marked kraft paper bags. Rock samples were collected during the course of soil sampling and consisted of multiple chips taken from float or outcroppings. In all, 246 soil samples were collected from the Hook Lake grid. A total of 114 rock samples were collected with over half of these from the Hook Lake grid. The samples collected by the writer and Gerry Ray were submitted to Assayers Canada for gold and 30 element ICP analysis. The 30 rock samples collected by Ken McNaughton were submitted to ALS Chemex for gold and 34 element ICP analysis. The analytical methodologies are found in Appendix B.

A very small, north-south oriented grid was established north of Bonnie Lake (Figure 7). The focus of this two-line grid was gold anomalous stream samples and IP anomalies from previous programs.

6.1 Hook Lake Grid

The geochemical data for the Hook Lake grid is presented on a series of plans at a 1:7,500 scale (Figures 8-13). The data is colour coded using non-statistical geochemical categories. Rock samples outside of the grid are plotted on a property wide map at a scale of 1: 50,000 (Figure 7). Appendix A contains the analytical data for the 2002 program. Descriptions of most rock samples collected by the writer and Mr. Ray are found in Appendix C.

Gold values in soil range up to 294 ppb with a distinct concentration of anomalous samples occurring across one kilometre in the southeast portion of the grid. An examination of anomalous soil sites in this area by the writer and Ken McNaughton encountered angular felsic intrusive float at 6+10E; 1+80S (Photo 4). ***A composite sample of float fragments collected at this site returned 20.7 g/tonne gold.*** In a hand specimen this rock appears very similar to felsic float found near Hwy 24 approximately five kilometres to the southeast (Photo 4). The angular nature of this float suggests a local source to the north-northwest (up-ice). A silt sample located near L-8E and collected during a 1999 program contained highly anomalous amounts of gold (404 ppb). Angular visible gold attached to quartz in the panned concentrate is also suggestive of local mineralization.

Copper values range up to 1087 ppm with the highest concentration of anomalous samples occurring close to the baseline from L-2W to L-2E. As with gold, the anomalous copper samples occur in the southeast sector of the grid.

Molybdenum values in soil range up to 38 ppm with the only concentration occurring along the southern portions of L-4E and L-6E. These correspond quite well with copper and gold. The copper-molybdenum association may be suggestive of an intrusive source.

Zinc values in soil range up to 606 ppm with the greatest abundance of anomalous samples occurring in the western portion of the grid from L-4W to L-7+75W. These values probably reflect the underlying Nicola sediments. Interestingly, two strongly anomalous zinc samples coincide with the anomalous gold, copper and molybdenum along L-6E.

The Rio showing area did not display a strong geochemical signature in soil but it is worth noting that this feature marks the northern extent of the soil anomalies previously discussed. Rock sampling of the Rio zone did however yield weakly anomalous values for gold and copper. Sample 237612 (Appendix A) collected by K. McNaughton on the Rio showing contained 952 ppb gold. Rock geochemical results are plotted on Figures 12 and 13.

6.2 Bonnie Lake Grid

Soil sampling yielded weakly anomalous gold ranging up to 78 ppb. A weak coincidence is present with arsenic with values up to 140 ppm. One float sample contained 76 ppb and 80 ppm gold and arsenic respectively. No outcroppings were observed on this grid. The geochemical results do not explain the IP anomaly or the anomalous gold previously delineated in Bonnie Creek.

6.3 G. Ray Sampling

Thirty rock samples collected during this project were submitted for assay (Appendix A). Mr. Ray's samples are shown on Figures 7, 12 and 13. The highest Au value (2500 ppb) occurs in the Zn-Pb manto mineralization at the EC 60 Zinc showing. Most of the orange-weathering SCF mineralization near the Rio showing contained low Au values. One sample (GR02-09) is noteworthy in assaying 312 ppb Au, as well as anomalous Cu, Co and high Fe. This sample was collected from a 0.6 metre wide float boulder that lies in the southeast corner of the Deer Lake claim block. It comprises an orange-brown-weathering boulder that closely resembles the pyritic and limonitic SCF alteration at the Rio Zone. The area around this weakly mineralized boulder should be prospected given the occurrence of numerous gold mineralized float boulders of felsic intrusive and altered volcanic rock approximately 2.5 km southeast of here. Access to this area has been greatly improved by a new network of logging roads.

Two samples of skarn (DLR1 and GR02-07) had relatively high phosphorus content (up to 9030 ppm), suggesting the presence of apatite. One or both were also anomalous in Cu, As, Mo and Au.

Sample GR02-08 collected from the Bonnie Lake area contained 38 ppm Mo. This represented a composite sample from widely scattered float of a cherty rock containing up to 5 percent disseminated pyrrhotite and pyrite.

The assay data in Appendix A is subdivided into two groups, one for samples collected around the EC60 showing and the other containing the samples taken from the remainder of the property primarily from the area around the Rio and Red showings. A good to moderate correlation between Au:Cu and Au:Zn exists in both groups of data. Positive correlations are also seen between Au:Co and Cu:Co in the two sample groups. The reason for this unusual feature of Co is uncertain. Similar correlations are observed in samples collected by the writer.

6.4 Canplats Data

Sampling by Ken McNaughton concentrated on the Hook Lake grid and the EC 60 showing. On the Hook Lake grid sample 931725 collected from a boulder of magnetite-chalcopyrite float along the road near L-0 contained 14.95 g/tonne Au and 3.38% Cu. The gold grade of this sample far exceeds the values for this type of float obtained by the writer during the 2000 program. Follow-up sampling of a 1.2 metre wide sub-vertical zone thought to be bedrock returned 10.75g/tonne gold. Sample 931729, also from this grid, contains 20.7 g/tonne Au and came from the previously mentioned felsic float along the south portion of L-6E. This gold content also exceeds the grade of felsic float found off the property near Highway 24 and may reflect another felsic intrusive source. Re-sampling at this site (McNaughton) returned only 36 ppb Au. This variability suggests that the gold in this material is of a coarse nature.

The samples collected from the EC 60 showing, for the most part, contained anomalous amounts of gold, silver, lead and zinc. Combined Pb-Zn values of 8% were reported along with sample highs of 124 g/tonne Ag and 1.465 g/tonne Au. Mineralized samples also contain anomalous amounts of arsenic, bismuth, antimony and manganese.

6.5 Other Areas

Rock sampling just east of the junction of the Taweel logging road and Highway 24 indicates the presence of gold mineralized felsic intrusive float (Figure 7). Sample (D25) comprised of numerous pieces of float collected from glacial till over a length of 110 metres contains 263 ppb gold. Rock sample DLWR-22 situated 1.25 km west of D25 contains 144 ppb gold. These float samples likely emanate from a buried intrusion(s) northerly or up-ice of the sample sites. In a hand specimen, these rocks appear similar to gold bearing felsic intrusive float southeast of the property reported to contain up to 4 g/tonne gold.

7.0 GEOPHYSICAL SURVEYS

Following the geochemical sampling a program of magnetometer and VLF-EM surveys was carried out. Geophysical readings were taken at 25 metre stations over the entire grid. Instruments used were a Geometrics G816 magnetometer and a Geonics EM 16 VLF unit. The instrumentation details and field procedures are found in Appendix C along with the geophysical data.

Prior to conducting the survey, a magnetometer base station was established. This station was read several times during the course of the survey to track the “diurnal” magnetic variation. Over the course of the survey, the diurnal variations were minimal and thus corrections were not required. Instrument magnetic readings were displayed in digital format that represents the total magnetic field accurate to one gamma. In areas of high magnetic gradient, readings were taken at half stations (12.5m).

VLF-EM readings utilizing the Seattle transmitter were taken concurrent with the magnetometer survey. At each station, the instrument is rotated until a null is achieved. In this orientation, the instrument is then rotated in the vertical plane until the maximum dip angle (degrees) is read. The dip angle readings were Fraser Filtered using the formula (a+b)-(c+d) calculated from south to north. This value represents the mid station value that is used for interpretive purposes. The magnetic and VLF-EM data are plotted on Figures 14 and 15 respectively (Appendix I).

7.1 Hook Lake Grid

The magnetometer and VLF-EM surveys on the Hook Lake grid reveal some distinctive patterns. Magnetic relief over the grid exceeds 10,000 gammas ranging from a low of 52,427 to a high of 62,672 gammas. Background total field ranges from 57,000 to 58,000 gammas. Several distinct northwesterly trending magnetic anomalies were delineated. Individual anomalies range from 12.5 to 100 metres across. Some of the most prominent anomalies occur from L-1E to L-6E. A “mag high” occurs along L-1E along the north side of the Rio showing where magnetite bearing pyroxene-garnet skarn float (subcrop) was found in a recently logged area.

A strong mag high occurs on L-4E at the baseline. This is the site of an old three metre deep shaft that intersected magnetite-pyrite-copper mineralization in altered Nicola volcanics. The strongest mag low (52,427 gammas) on the grid occurs 100 metres south of this shaft. On L-6E, two hundred metres east of this mag low is the largest magnetic anomaly on the grid. This 100 metre wide anomaly is considered significant in that it is situated just northerly of the felsic intrusive float that was found to contain 20.7 g/tonne gold. A weaker mag high occurs on L-8E near a previously described gold stream anomaly. Collectively, these magnetic anomalies form a distinct 400 metre+ west-northwest trending zone that is situated within the gold-copper- molybdenum soil anomaly. Further exploration of this area of the grid is most warranted.

Smaller magnetic highs on L-0, L-2W and L-4W form a northwest trending feature that may reflect mineralization in an area thought to be underlain by Nicola rocks. Field evidence suggests that the Nicola-intrusive contact is south of that shown on Figure 4. The proximity of abundant copper-gold bearing magnetite rich float found along the logging road near L-0 is suspicious. Anomalous gold in soils appear to roughly coincide with this magnetic feature.

The VLF-EM data reveals a number of weak to moderately strong conductive trends. The largest conductor is a west-northwest trending feature extending from L-6E; 1+12.5N to L-6W; 3+87.5N. This conductor extends through the Rio Showing and may reflect structurally controlled mineralization. The strongest readings along this conductor occur at L-2W; 3+25N, the site of anomalous copper and gold in soil. South of the above conductor and extending from L-0 to L-4E is a smaller conductive zone that has the strongest value (+33) of the survey. This conductor coincides with the magnetic high that is proximal to copper-gold bearing magnetite float (sub crop?) near L-0. Other conductors are evident in the grid, however most of these appear to be associated with wet, boggy areas.

7.2 Bonnie Lake Grid

Geophysical data for this grid does not reflect any significant anomalies. Magnetically the area has a very low relief of approximately 500 gammas suggesting that Nicola sediments probably underlie the area. This is supported by outcroppings along the Blowdown road south of the grid that consist of interbedded chert and argillite. VLF-EM data indicated only weak conductors (+10°) that are likely related to overburden.

8.0 CONCLUSIONS

The Deer Lake property lies in a highly prospective belt of Triassic Quesnellia arc rocks that host some of British Columbia's major Cu-Mo and Cu-Au porphyries (e.g. Copper Mountain, Afton-Ajax), as well as some important Cu or Au skarns (e.g. Craigmont and Nickel Plate). The claims contain numerous mineral showings including magnetite-bearing Cu-Au skarns (Lakeview), Zn-Pb-Au-Ag mantos (EC 60), and possible intrusion hosted gold.

Geochemical sampling identified distinct Au-Cu-Mo soil anomalies in the southeast portion of the Hook Lake grid. A 400-metre+ long, distinct northwest trending magnetic anomaly occurs within the geochemical anomaly. *Felsic intrusive float sampled near the magnetic anomaly was found to contain 20.7 g/tonne Au.* Also located nearby is the site of a highly gold anomalous stream identified from a previous program. *Magnetite skarn float along a new logging road in the Hook Lake grid returned values up to 14.9 g/tonne gold.* A strong magnetic and VLF-EM anomaly occurs proximal to this float. Nearby a 150+ metre long, west-northwest trending siliceous zone (Rio) and associated (?) skarn returned weakly anomalous gold and copper. This zone occurs along the trace of a 1.2 km west-northwest trending EM conductor. Most anomalous samples on the grid occur south of this conductor. Some of the geological and geochemical evidence suggests that a significant portion of the grid may be underlain by an intrusive. Such a body may be responsible for the Cu-Au bearing magnetite skarn and may be itself precious metal enriched.

Gold–copper mineralization (Creek zone) south of the well-known Lakeview skarn showings appears to reflect an intrusion breccia environment. This zone also contains significant nickel mineralization.

The southwest area of the property, “manto type” precious metal bearing Zn-Pb mineralization (EC 60) occurs in Nicola Group sediments proximal to a felsic intrusion. Soil geochemistry indicates that the mineralization extends well beyond the showing area. In addition, stream samples east and west of EC 60 showing contain highly anomalous concentrations of gold and zinc.

Gold mineralized (200 ppb+) felsic intrusive float has been found in several areas near the south boundary of the property. This material resembles precious metal bearing intrusive float found southeast of the property. The source of these and the Hook Lake grid float occurrences may be buried structurally controlled (?) felsic intrusions. Glacial movement suggests the source(s) of these numerous float occurrences is north to northwesterly.

9.0 RECOMMENDATIONS

Targets defined on the on the Hook Lake grid definitely warrant further work that includes the following.

1) Follow-up sampling and trenching in geochemical anomaly in the southeast sector of the grid. Emphasis should be toward locating the source of gold mineralized felsic intrusive float.
2) Trench the magnetite-chalcopyrite float and geophysical anomaly in the centre of the Hook Lake grid.
3) Trench and sample the Rio showing.

Recommended exploration elsewhere on the on the property should include:

1) Geochemical and geophysical surveys to better delineate the EC 60 Zn-Pb mineralized zone. Trenching of targets can be carried out from new logging roads north of the showing.
2) Prospecting and sampling directed to locating the source(s) of gold mineralized felsic intrusive float in the southern portions of the property.
3) Prospecting and sampling in the southeast corner of the property that is potentially up-ice of mineralized float found south of Highway 24. A new logging road network in this area warrants mapping and sampling.

Given the geological diversity of the property, the use of airborne geophysical surveys should be considered. Magnetic, electromagnetic and radiometric data could serve to identify intrusives and structural features as well as magnetic and/or conductive zones. Such a survey should utilize flight line spacings of 100 metres and be oriented northerly. Exploration of identified targets could be rapidly advanced given the property’s excellent infrastructure.

Submitted by,

Warner Gruenwald, P. Geo,
January 16, 2003

APPENDIX A

ANALYTICAL DATA

Deer Lake Rock Samples Collected by G.E. Ray, June 2002

Sample No.	UTM Easting	UTM Northing	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Co ppm	Pb ppm	Zn ppm
			Hook Lake Grid							
DLR1	680822	5709886	Single float of chalcopyrite-py-po ?skarn near pit	49	***7.2***	***130***	***6666***	39	4	69
GR02-01	683058	5711985	Composite float of diorite w silica-albite-pyite alteration	4	0.1	5	13	13	4	72
GR02-02	683314	5711902	Composite float of silicified lapilli tuff with pyrite	9	0.1	2	178	19	4	39
GR02-03	683268	5711900	Single float of sil-feldspar rock with pyrite & hematite	5	0.1	20	6	31	2	25
GR02-04	683280	5711819	Single float of epidotised tuff w pyrite & minor chalcopyrite	7	0.1	2	***532***	32	1	43
GR02-05	683056	5711664	Composite float of sil-feldspar rock with pyrite & hematite	15	0.1	10	33	18	1	46
GR02-06	682898	5711833	Outcrop, sil tuff w 3% pyrite.	9	0.1	25	127	17	1	41
GR02-07	680836	5709954	Composite float of cherty chalcopyrite-po rocks.	17	1.4	***820***	***790***	41	2	36
GR02-08	681167	5709367	Composite float of chert rocy with py & po.	21	0.1	***80***	***398***	30	1	29
GR02-09	685798	5709478	Single float of quartz-albite-pyrite-limonite rock	***312***	1.4	2	28	17	6	34
GR02-10	682786	5711248	Subcrop of epidote-act-cpx skarn with pyrite	41	0.2	15	***655***	35	1	93
GR02-11	682705	5711973	Subcrop of epidote-chlor-cpx-mag skarn with pyrite	***120***	0.1	2	***572***	58	1	85
GR02-13	682851	5711944	Subcrop of qtz monzonite w pyrite-chalco	6	0.1	20	200	24	1	72
GR02-14	682904	5712146	Float of qtz monzonite w veinlets of qtz & pyrite	3	0.1	10	16	6	2	20
GR02-15	681350	5711916	Large mag-py-po-chalco boulder near Deer Lake tunnel	10	0.1	2	177	10	1	55
GR02-16	681238	5712767	Single float of quart-feldspar-pyritic tuff	17	0.1	2	43	13	4	68
GR02-17	673203	5718255	Composite float of qtz-pyrite hydrothermal breccia	2	0.1	5	93	26	4	65
GR02-18	673198	5718328	Composite subcrop of qtz-pyrite breccia	1	0.1	15	161	33	6	53
GR02-19	673657	5719699	Outcrop of pyr-chalco hydrothermal breccia	2	0.2	2	***262***	10	4	51
GR02-20	673744	5719766	Float of hydrothermal breccia with 3% pyrite	25	1.0	10	***417***	17	***110***	126
			EC-60 Showing							
GR02-23	678747	5708669	Outcrop of rusty-weathering quartz monzonite	3	0.1	15	6	1	10	15
GR02-24	678582	5708585	Outcrop, garnet skarn w pyrite & ?sphalerite	26	0.8	5	101	25	8	95
GR02-25	678636	5708580	Float of massive sphalerite w pyrite, galena & Mn	***2500***	***110.0***	***175***	162	7	***3.12%***	***5.21%***
GR02-26	678630	5708585	1.5m float of qtz monzonite intrusive breccia	10	0.4	20	4	3	124	191
GR02-27	678692	5708774	Outcrop(?), grey sil ?QF intrusion with diss pyrite	7	0.8	2	105	32	14	65
GR02-28	678974	5708988	Grey, sil intrusion w diss & vein pyrite & chlorite	14	0.8	10	34	15	18	57
GR02-29	678974	5708988	Grey, sil intrusion w diss & vein pyrite & chlorite	12	0.6	45	38	14	12	56
GR02-30	682494	5708907	Single float, limonitic grey sil intrusion w cs pyrite	***60***	0.2	2	18	15	6	40

NOTE: 1) UTM's are NAD 27, True north plots.
2) Sample GR02-12 was only a hand sample

Certificate Number	Sample Name	Geochem Au ppb	Geochem Au g/tonne	Geochem Cd %	Geochem Pb %	Geochem Zn %
2V0241RG	GR02-23	3				
2V0241RG	GR02-24	26				
2V0241RG	GR02-25	2500	2.02	0.027	3.12	5.21
2V0241RG	GR02-26	10				
2V0241RG	GR02-27	7				
2V0241RG	GR02-28	14				
2V0241RG	GR02-29	12				
2V0241RG	GR02-30	60				
2V0241RG	DLRR-16	70				
2V0241RG	*DUP GR02-25			0.027	3.09	5.25
2V0241RG	*96-8	396				
2V0241RG	*97-2		1.39			
2V0241RG	*MP-1a (1/5)			0.012	0.87	3.78
2V0241RG	*Blank	1	<0.01	<0.001	<0.01	<0.01

Certificate Number	Sample Name	ICP Ag ppm	ICP Al %	ICP As ppm	ICP Ba ppm	ICP Be ppm	ICP Bi ppm	ICP Ca %	ICP Cd ppm	ICP Co ppm	ICP Cr ppm	ICP Cu ppm	ICP Fe %	ICP K %	ICP Mg %	ICP Mn ppm	ICP Mo ppm	ICP Na %	ICP Ni ppm	ICP P ppm	ICP Pb ppm	ICP Sb ppm	ICP Sc ppm	ICP Sn ppm	ICP Sr ppm	ICP Ti %	ICP V ppm	ICP W ppm	ICP Y ppm	ICP Zn ppm	ICP Zr ppm
2V0235SJ	L-6W 0+50S	0.4	4.01	45	160	<0.5	<5	0.78	<1	23	91	132	4.41	0.07	0.71	1565	4	0.02	75	750	10	<5	5	<10	57	0.16	98	10	11	286	24
2V0235SJ	L-6W 0+00	0.2	2.94	15	70	<0.5	<5	0.33	<1	19	98	31	4.72	0.06	0.9	300	<2	0.01	38	2060	4	5	3	<10	17	0.12	115	10	2	268	8
2V0235SJ	L-6W 0+50N	<0.2	2.39	30	80	<0.5	<5	0.48	<1	18	115	45	5.06	0.06	1.49	380	<2	0.01	55	800	6	<5	4	<10	29	0.13	197	10	3	259	5
2V0235SJ	L-6W 1+00N	<0.2	2.7	25	100	<0.5	<5	0.55	<1	17	74	24	4	0.04	0.86	245	2	0.01	49	810	2	5	3	<10	33	0.13	187	10	4	350	6
2V0235SJ	L-6W 1+50N	<0.2	3.4	20	130	<0.5	<5	0.42	1	24	67	57	4.5	0.05	0.86	360	<2	0.01	56	1600	12	<5	3	<10	31	0.13	136	10	4	404	11
2V0235SJ	L-6W 2+00N	0.4	2.7	10	90	<0.5	<5	0.28	<1	19	109	37	4.72	0.06	0.89	355	<2	0.01	37	2380	10	<5	2	<10	17	0.14	95	10	3	177	10
2V0235SJ	L-6W 2+50N	<0.2	2.42	15	70	<0.5	<5	0.25	<1	19	119	53	4.91	0.07	1.17	370	<2	0.01	37	1410	4	<5	3	<10	12	0.11	103	10	2	104	7
2V0235SJ	L-6W 3+00N	0.2	2.49	10	70	<0.5	<5	0.16	<1	16	91	40	4.14	0.04	0.8	300	<2	0.01	28	1500	2	<5	3	<10	7	0.12	87	<10	3	92	8
2V0235SJ	L-6W 3+50N	<0.2	1.57	10	60	<0.5	<5	0.16	<1	14	101	30	4.08	0.04	0.73	245	<2	0.01	23	920	4	<5	2	<10	6	0.13	99	10	2	69	5
2V0235SJ	L-6W 4+00N	<0.2	2.64	10	80	<0.5	<5	0.38	<1	25	97	41	5.26	0.06	0.85	500	<2	0.01	29	2530	4	<5	3	<10	15	0.13	106	10	3	124	10
2V0235SJ	L-6W 4+50N	0.2	1.79	10	50	<0.5	<5	0.16	<1	13	79	36	4.79	0.05	0.52	195	<2	0.01	17	1150	6	<5	2	<10	7	0.12	100	<10	2	75	5
2V0235SJ	L-6W 5+00N	<0.2	2.29	15	70	<0.5	<5	0.27	<1	29	129	79	5.68	0.07	1.3	415	<2	0.01	40	1310	6	<5	3	<10	10	0.12	115	10	2	159	5
2V0235SJ	L-6W 5+50N	0.2	2.15	35	90	<0.5	<5	0.27	<1	30	130	78	6.91	0.06	1.2	535	<2	0.01	38	3000	6	<5	2	<10	7	0.17	154	10	1	210	6
2V0235SJ	L-6W 6+00N	<0.2	2.01	5	60	<0.5	<5	0.26	<1	22	117	45	4.95	0.04	1.04	325	<2	0.01	33	600	6	5	3	<10	12	0.13	114	<10	2	79	5
2V0235SJ	L-6W 6+50N	<0.2	2.02	<5	80	<0.5	<5	0.53	1	24	106	138	4.52	0.08	1.28	1840	4	0.01	33	560	4	<5	3	<10	11	0.19	107	10	3	143	5
2V0235SJ	L-6W 7+00N	<0.2	2.06	15	50	<0.5	<5	0.22	<1	22	134	39	5.52	0.05	1.16	350	<2	0.01	37	830	4	<5	3	<10	10	0.15	118	<10	2	84	5
2V0235SJ	L-6W 7+50N	<0.2	2.54	10	110	<0.5	<5	0.25	<1	19	112	33	5.37	0.05	0.96	520	<2	0.01	30	1710	2	<5	2	<10	12	0.12	106	10	2	112	5
2V0235SJ	L-6W 8+00N	<0.2	1.41	5	60	<0.5	<5	0.21	<1	13	94	39	4.21	0.05	0.87	285	<2	0.01	25	1260	8	<5	2	<10	9	0.13	103	<10	2	71	4
2V0235SJ	L-6W 8+50N	0.2	1.89	<5	50	<0.5	<5	0.23	<1	17	137	16	4.71	0.05	0.79	490	<2	0.01	28	1980	6	<5	2	<10	6	0.12	88	<10	1	109	5
2V0235SJ	L-6W 9+00N	0.4	1.3	<5	140	<0.5	<5	0.29	1	22	81	20	3.99	0.05	0.6	1420	<2	0.01	28	2120	10	<5	2	<10	21	0.12	70	10	1	175	3
2V0235SJ	L-6W 9+50N	<0.2	2.61	5	70	<0.5	<5	0.25	<1	25	127	116	5.84	0.04	1.98	540	<2	0.01	50	930	2	<5	5	<10	12	0.1	126	10	3	83	5
2V0235SJ	L-6W 10+00N	0.2	1.37	<5	40	<0.5	<5	0.08	<1	12	48	22	3.41	0.04	0.5	265	<2	0.02	13	1010	8	<5	2	<10	2	0.15	77	<10	1	58	7
2V0235SJ	L-6W 10+50N	<0.2	0.51	<5	50	<0.5	<5	0.16	<1	7	33	6	2.29	0.03	0.17	165	<2	0.01	6	450	8	<5	1	<10	9	0.12	61	<10	1	42	2
2V0235SJ	L-6W 11+00N	<0.2	1.5	5	100	<0.5	<5	0.27	<1	12	32	23	3.96	0.04	0.58	660	<2	0.01	12	850	6	<5	1	<10	16	0.07	67	<10	1	102	3
2V0235SJ	L-6W 11+50N	1.4	1.99	<5	60	<0.5	<5	0.32	<1	10	37	78	2.79	0.03	0.31	210	<2	0.02	8	480	2	<5	2	<10	14	0.07	41	<10	6	44	4
2V0235SJ	L-6W 12+00N	<0.2	1.61	<5	40	<0.5	<5	0.1	<1	17	43	63	4.91	0.04	0.74	305	<2	0.01	13	920	2	<5	3	<10	5	0.11	108	<10	1	79	3
2V0235SJ	L-6W 12+50N	<0.2	2.06	5	50	<0.5	<5	0.12	<1	17	37	88	6.01	0.03	0.88	560	<2	0.01	12	1140	2	<5	2	<10	1	0.06	95	<10	2	81	4
2V0235SJ	L-6W 13+00N	<0.2	1.34	<5	60	<0.5	<5	0.08	<1	14	48	36	4.45	0.03	0.43	310	<2	0.01	11	930	4	<5	2	<10	1	0.06	76	<10	1	74	3
2V0235SJ	L-6W 13+50N	<0.2	2.39	<5	70	<0.5	<5	0.11	<1	20	59	131	5.85	0.03	1.07	490	<2	0.01	21	1730	<2	<5	3	<10	<1	0.05	89	10	2	74	4
2V0235SJ	L-6W 14+00N	<0.2	2.16	5	80	<0.5	<5	0.15	<1	18	59	198	5.74	0.03	1.11	325	<2	0.01	24	890	<2	<5	3	<10	9	0.04	82	<10	2	62	4
2V0235SJ	L-6W 14+50N	<0.2	2.68	<5	70	<0.5	<5	0.11	<1	23	34	167	5.79	0.03	0.91	375	<2	0.01	14	1340	<2	<5	3	<10	2	0.05	71	<10	3	51	12
2V0235SJ	L-6W 15+00N	<0.2	1.76	5	70	<0.5	<5	0.12	<1	15	65	99	6.61	0.03	0.84	310	<2	0.01	21	2170	2	<5	2	<10	<1	0.08	100	10	2	53	6
2V0235SJ	L-6W 15+50N	<0.2	1.65	5	50	<0.5	5	0.1	<1	18	51	75	7.38	0.02	0.53	225	<2	0.01	16	740	4	<5	2	<10	<1	0.08	95	<10	2	44	5
2V0235SJ	L-2W 0+50N	0.2	0.72	<5	30	<0.5	<5	0.25	<1	5	17	35	2.35	0.02	0.15	100	<2	0.01	4	310	2	<5	1	<10	6	0.09	51	<10	1	29	2
2V0235SJ	L-2W 1+00N	0.2	2.18	5	80	<0.5	<5	0.26	<1	16	64	42	4.14	0.04	0.57	330	<2	0.01	19	1220	4	<5	2	<10	17	0.11	79	<10	3	88	5
2V0235SJ	L-2W 1+50N	0.2	2.34	15	80	<0.5	<5	0.22	<1	13	61	62	4.06	0.04	0.58	255	<2	0.01	23	1120	8	<5	3	<10	11	0.12	83	<10	2	91	5
2V0235SJ	L-2W 2+00N	0.2	2.46	20	80	<0.5	<5	0.27	<1	17	79	113	5.15	0.06	0.91	285	<2	0.01	33	1150	6	<5	3	<10	16	0.12	101	10	2	96	4
2V0235SJ	L-2W 2+50N	0.6	2.63	15	100	<0.5	<5	0.48	<1	23	50	95	5.49	0.04	0.62	335	<2	0.01	22	990	4	<5	3	<10	19	0.15	95	10	5	147	13
2V0235SJ	L-2W 3+00N	0.6	2.53	15	80	<0.5	<5	0.3	<1	18	56	127	5.34	0.03	0.77	200	<2	0.01	19	430	4	<5	4	<10	23	0.17	110	<10	7	69	8
2V0235SJ	L-2W 3+50N	2.4	3.56	15	100	<0.5	<5	0.82	1	27	52	275	3.27	0.04	0.43	2100	2	0.02	25	860	4	<5	4	<10	37	0.15	50	<10	8	99	14
2V0235SJ	L-2W 4+00N	<0.2	2.63	25	70	<0.5	<5	0.25	<1	29	94	101	6.21	0.04	1.32	415	<2	0.01	29	920	2	<5	4	<10	21	0.14	110	10	4	192	8
2V0235SJ	L-2W 4+50N	<0.2	1.14	5	60	<0.5	<5	0.14	<1	11	59	15	3.71	0.04	0.48	130	2	0.01	12	300	8	<5	2	<10	13	0.21	130	<10	1	47	5
2V0235SJ	L-2W 8+00N	<0.2	1.15	5	40	<0.5	<5	0.14	<1	10	145	11	3.01	0.04	0.76	160	<2	0.01	24	470	4	<5	2	<10	17	0.14	84	<10	1	38	3
2V0235SJ	L-2W 8+50N	0.8	1.68	20	60	<0.5	<5	0.27	<1	11	42	12	2.9	0.03	0.24	540	<2	0.01	6	1650	8	<5	1	<10	20	0.11	59	<10	1	42	5
2V0235SJ	L-2W 9+00N	0.6	2.8	15	80	<0.5	<5	0.13	<1	16	43	47	4.01	0.03	0.77	335	<2	0.01	15	1140	4	<5	3	<10	19	0.08	77	<10	2	66	9
2V0235SJ	L-2W 9+50N	<0.2	1.23	15	50	<0.5	<5	0.15	<1	11	84	15	4.11	0.02	0.59	180	<2	0.01	17	370	6	<5	2	<10	9	0.13	99	<10	1	63	4
2V0235SJ	L-2W 1+00S	3.2	3.77	25	150	0.5	<5	1.54	<1	15	72	1087	4.53	0.07	0.68	695	4	0.02	76	1660	4	5	8	<10	70	0.1	62	<10	23	117	16
2V0235SJ	L-2W 1+50S	0.4	2.82	30	170	<0.5	<5	0.81	<1	30	99	278	5.61	0.06	1.19	370	2	0.01	58	580	2	<5	5	<10	44	0.1	107	10	5	125	6
2V0235SJ	L-2W 2+00S	<0.2	1.87	15	70	<0.5	<5	0.54	<1	21	70	47	6.13	0.07	1.07	390	<2	0.01	27	1000	4	<5	3	<10	19	0.13	118	<10	2	82	4
2V0235SJ	L-2W 2+50S	<0.2	1.95	10	100	<0.5	<5	0.61	<1	18	96	77	4.31	0.06	1.25	455	<2	0.01	39	570	4	<5	4	<10	43	0.1	98	<10	3	84	4
2V0235SJ	L-2W 3+00S	0.4	2.57	15	140	<0.5	<5	0.51	<1	18	70	87	4.98	0.06	0.58	185	<2	0.01	35	630	8	<5	4	<10	30	0.17	105	<10	4	108	11

2V0235SJ	L-2W 3+50S	0.2	2.76	35	130	<0.5	<5	0.34	<1	21	84	178	6.18	0.06	0.82	265	<2	0.01	49	1010	4	<5	4	<10	14	0.12	101	10	4	154	7
2V0235SJ	L-2W 4+00S	0.2	0.85	10	40	<0.5	<5	0.18	<1	8	31	23	2.49	0.04	0.3	115	<2	0.01	11	430	6	<5	1	<10	8	0.14	71	<10	1	43	3
2V0235SJ	L-2W 5+00S	0.4	1.05	10	60	<0.5	<5	0.22	<1	8	34	26	2.94	0.04	0.37	120	<2	0.01	13	500	6	<5	1	<10	12	0.11	70	<10	1	51	3
2V0235SJ	L-4W 0+50S	1.2	2.17	50	110	<0.5	<5	0.98	<1	14	70	95	4.19	0.04	0.9	260	2	0.01	51	460	6	<5	4	<10	58	0.09	140	10	9	159	6
2V0235SJ	L-4W B/L	0.8	3.33	50	160	<0.5	<5	0.38	<1	23	82	279	5.17	0.07	0.75	590	6	0.02	93	880	8	<5	4	<10	19	0.13	149	10	5	325	9
2V0235SJ	L-4W 0+50N	<0.2	2.37	30	80	<0.5	<5	0.38	<1	26	93	98	5.83	0.05	1.49	420	<2	0.01	37	730	4	<5	4	<10	16	0.12	112	10	3	120	5
2V0235SJ	L-4W 1+00N	0.4	1.9	10	60	<0.5	<5	1.03	<1	10	36	18	3.64	0.02	0.31	90	2	0.02	11	400	6	<5	2	<10	65	0.12	90	<10	3	46	6
2V0235SJ	L-4W 1+50N	<0.2	2.49	10	60	<0.5	<5	0.33	<1	24	103	73	6.12	0.05	1.48	440	<2	0.01	33	1440	6	<5	4	<10	17	0.14	131	10	2	108	5
2V0235SJ	L-4W 2+00N	0.4	3.26	25	60	<0.5	<5	0.17	<1	17	56	23	4.34	0.03	0.46	230	<2	0.01	15	730	6	<5	2	<10	7	0.16	83	<10	2	117	20
2V0235SJ	L-4W 3+00N	0.2	3.94	5	70	<0.5	<5	0.24	<1	14	49	15	5.15	0.03	0.34	175	<2	0.02	12	740	<2	<5	2	<10	12	0.2	86	<10	2	116	25
2V0235SJ	L-4W 3+50N	2	3.38	10	90	<0.5	<5	0.98	<1	14	58	79	5.45	0.03	0.5	145	6	0.02	16	520	2	<5	3	<10	57	0.18	103	<10	5	92	11
2V0235SJ	L-4W 4+00N	0.2	1.52	5	50	<0.5	<5	0.13	<1	10	31	15	3.77	0.03	0.23	195	<2	0.01	8	1730	8	<5	2	<10	10	0.18	94	<10	1	67	8
2V0235SJ	L-4W 4+50N	<0.2	3.29	25	80	<0.5	<5	0.29	<1	29	77	112	7	0.05	1.65	445	<2	0.01	32	550	<2	5	5	<10	18	0.19	156	10	3	135	8
2V0235SJ	L-4W 5+50N	<0.2	2.57	15	70	<0.5	<5	0.23	<1	26	100	116	7.84	0.05	1.48	400	<2	0.01	34	920	18	<5	4	<10	15	0.19	151	10	1	108	7
2V0235SJ	L-4W 6+00N	<0.2	2.88	15	90	<0.5	<5	0.34	<1	30	77	56	7.08	0.08	1.86	500	<2	0.01	32	640	2	<5	4	<10	38	0.18	150	<10	2	114	5
2V0235SJ	L-4W 6+50N	<0.2	4.36	5	50	<0.5	<5	0.29	<1	15	23	14	3.61	0.03	0.18	285	<2	0.01	8	2370	<2	<5	2	<10	12	0.14	63	<10	2	47	28
2V0235SJ	L-4W 7+00N	<0.2	2.41	5	50	<0.5	<5	0.26	<1	17	68	30	5.38	0.04	0.84	315	<2	0.01	20	1000	4	<5	2	<10	12	0.12	100	10	2	89	7
2V0235SJ	L-4W 8+00N	<0.2	3.08	45	80	<0.5	<5	0.62	<1	36	289	81	6.18	0.09	2.47	405	<2	0.01	82	1080	2	<5	6	<10	21	0.19	130	10	2	324	7
2V0235SJ	L-4W 8+50N	0.2	0.56	10	40	<0.5	<5	0.09	<1	11	27	33	2.86	0.03	0.17	210	<2	0.01	6	640	6	<5	1	<10	5	0.12	65	<10	1	50	2
2V0235SJ	L-4W 9+00N	<0.2	1.68	5	40	<0.5	<5	0.16	<1	17	82	34	5.74	0.04	0.88	315	<2	0.01	20	1520	6	<5	2	<10	6	0.12	122	10	1	91	5
2V0235SJ	L-4W 9+50N	0.2	1.44	10	70	<0.5	<5	0.18	<1	16	106	33	5.15	0.04	0.78	265	<2	0.01	25	460	6	<5	2	<10	10	0.17	130	10	2	116	4
2V0235SJ	L-4W 10+00N	0.2	2.98	5	60	<0.5	<5	0.28	<1	25	177	55	6.42	0.04	1.46	425	<2	0.01	57	1460	<2	5	3	<10	7	0.17	140	10	2	157	9
2V0235SJ	L-4W 1+00S	1	2.19	25	90	<0.5	<5	1.64	1	10	44	167	2.36	0.04	0.35	770	<2	0.03	45	1020	2	5	1	<10	97	0.07	48	<10	11	138	6
2V0235SJ	L-4W 1+50S	0.2	2.53	15	90	<0.5	<5	1.15	1	10	41	22	3.37	0.03	0.34	155	<2	0.02	19	840	4	<5	2	<10	91	0.12	90	10	4	166	8
2V0235SJ	L-4W 2+00S	0.8	2.65	25	130	<0.5	<5	0.51	1	19	64	77	3.97	0.06	0.81	940	<2	0.02	47	540	6	<5	3	<10	39	0.14	95	10	5	313	10
2V0235SJ	L-4W 2+50S	0.4	1.42	10	70	<0.5	<5	0.64	<1	9	43	31	2.81	0.04	0.33	150	2	0.01	18	530	4	<5	2	<10	49	0.11	77	<10	3	123	7
2V0235SJ	L-4W 3+00S	0.2	2.01	15	110	<0.5	<5	0.32	<1	16	99	37	4.42	0.05	1.01	300	<2	0.01	41	850	<2	5	3	<10	21	0.11	121	10	2	165	4
2V0235SJ	L-4W 3+50S	0.4	3.01	30	100	<0.5	<5	0.26	<1	20	103	54	6.12	0.06	1.05	295	<2	0.01	47	2000	2	<5	4	<10	17	0.12	151	10	2	221	9
2V0235SJ	L-4W 4+00S	0.6	1.72	15	90	<0.5	<5	0.97	<1	11	60	27	3.68	0.04	0.66	280	2	0.02	22	300	2	<5	2	<10	54	0.11	98	10	2	91	4
2V0235SJ	L-4W 5+00S	0.2	2.1	10	130	<0.5	<5	0.34	<1	17	106	65	4.54	0.07	1.21	425	<2	0.01	49	700	4	<5	4	<10	23	0.12	110	10	3	127	4
2V0235SJ	LBL7 0+00	<0.2	2.22	50	70	<0.5	<5	0.37	<1	17	57	35	4.28	0.07	1.17	315	<2	0.01	30	1130	<2	<5	3	<10	26	0.14	92	10	2	141	5
2V0235SJ	LBL7 0+50S	<0.2	2.12	55	80	<0.5	<5	0.82	<1	16	58	48	3.45	0.03	0.68	215	<2	0.02	31	340	<2	<5	2	<10	37	0.12	78	<10	5	62	7
2V0235SJ	LBL7 1+00S	<0.2	1.99	15	80	<0.5	<5	0.35	<1	19	77	56	5.02	0.06	1.17	335	<2	0.01	35	440	2	<5	4	<10	21	0.15	121	<10	4	102	4
2V0235SJ	LBL7 1+50S	0.2	3.04	140	200	<0.5	<5	0.44	<1	16	64	71	4.63	0.04	0.67	200	<2	0.01	47	940	2	<5	3	<10	34	0.14	93	10	3	211	8
2V0235SJ	LBL4 0+00	0.6	2.85	30	80	<0.5	<5	0.33	<1	12	50	23	3.5	0.04	0.47	165	<2	0.01	22	1230	<2	<5	3	<10	19	0.17	76	<10	3	76	15
2V0235SJ	LBL4 0+50S	0.2	1.89	25	130	<0.5	<5	0.17	<1	10	36	52	2.73	0.04	0.21	95	<2	0.01	26	1440	2	<5	2	<10	11	0.12	54	<10	2	79	5
2V0235SJ	LBL4 1+00S	<0.2	1.52	10	90	<0.5	<5	0.19	<1	9	41	10	3.22	0.04	0.38	135	<2	0.01	16	780	2	<5	2	<10	12	0.12	84	<10	2	63	3
2V0235SJ	LBL4 1+50S	<0.2	2.06	20	80	<0.5	<5	0.3	<1	19	61	62	4.46	0.05	1.07	325	<2	0.01	33	580	<2	<5	3	<10	20	0.13	122	<10	3	83	4
2V0235SJ	LBL4 2+00S	0.4	2.77	50	140	<0.5	<5	0.25	<1	26	79	75	4.84	0.06	0.91	375	<2	0.01	49	2540	2	<5	4	<10	26	0.11	101	10	2	233	7
2V0235SJ	LBL4 2+50S	0.2	2.48	115	120	<0.5	<5	0.43	<1	14	60	52	5.02	0.04	0.43	225	4	0.01	48	390	10	<5	2	<10	15	0.17	96	10	3	331	12
2V0235SJ	LBL4 3+50S	0.2	2.26	20	70	<0.5	<5	0.11	<1	9	40	20	3.64	0.04	0.32	200	<2	0.01	17	1930	4	<5	2	<10	8	0.15	84	10	1	127	10
2V0235SJ	LBL4 4+00S	0.2	3.66	35	130	<0.5	<5	0.17	<1	15	75	32	5.12	0.04	0.62	240	<2	0.01	28	2370	<2	<5	3	<10	11	0.18	112	10	2	154	17
2V0235SJ	LBL4 4+50S	0.2	1.99	25	110	<0.5	<5	0.34	<1	15	69	28	3.61	0.04	0.62	350	<2	0.01	24	1050	2	<5	3	<10	19	0.1	83	10	3	83	5
2V0235SJ	LBL4 5+00S	0.2	1.63	25	100	<0.5	<5	0.25	<1	16	85	27	4.91	0.04	0.78	855	<2	0.01	26	1860	4	<5	2	<10	19	0.1	101	<10	2	129	3
2V0235SJ	L-8E 5+00S	0.4	2.49	<5	140	<0.5	<5	0.39	<1	31	65	330	7.07	0.08	1.45	735	<2	0.01	37	820	4	<5	7	<10	25	0.08	93	10	9	120	5
2V0235SJ	L-8E 4+50S	0.2	2.24	<5	100	<0.5	<5	0.23	<1	24	40	50	5.12	0.06	0.63	560	14	0.01	23	1180	6	<5	3	<10	13	0.12	89	10	2	111	5
2V0235SJ	L-8E 4+00S	<0.2	2.53	10	130	<0.5	<5	0.49	<1	21	66	81	4.82	0.05	0.86	520	<2	0.01	29	470	8	<5	4	<10	24	0.11	95	<10	5	108	8
2V0235SJ	L-8E 3+00S	<0.2	1.01	<5	70	<0.5	<5	0.19	<1	8	29	20	2.96	0.04	0.43	155	<2	0.01	11	220	4	<5	1	<10	13	0.11	80	<10	1	41	2
2V0235SJ	L-8E 2+50S	<0.2	2.01	<5	110	<0.5	<5	0.22	<1	13	63	42	4.26	0.05	0.97	300	<2	0.01	25	480	4	<5	3	<10	15	0.11	90	10	2	83	4
2V0235SJ	L-8E 2+00S	<0.2	1.49	<5	100	<0.5	<5	0.19	<1	12	56	31	3.94	0.04	0.74	525	<2	0.01	19	670	4	5	2	<10	13	0.09	84	<10	2	90	3
2V0235SJ	L-8E 1+50S	0.4	2.92	5	140	<0.5	<5	0.19	<1	17	73	38	4.27	0.04	0.71	340	<2	0.01	27	710	4	<5	3	<10	8	0.1	76	10	3	136	7
2V0235SJ	L-8E 0+50S	0.2	1.76	5	140	<0.5	<5	0.19	<1	12	59	33	3.96	0.04	0.6	250	<2	0.01	20	480	16	<5	2	<10	9	0.1	82	10	2	125	4
2V0235SJ	L-8E 0+00	<0.2	1.8	<5	170	<0.5	<5	0.2	<1	16	51	62	4.01	0.05	0.84	810	<2	0.01	22	820	10	<5	3	<10	12	0.09	75	10	2	168	3
2V0235SJ	L-8E 0+50N	<0.2	0.7	<5	50	<0.5	<5	0.1	<1	6	23	15	2.02	0.03	0.37	210	<2	0.01	8	220	4	<5	1	<10	10	0.09	51	<10	1	58	2

2V0235SJ	L-8E 1+00N	<0.2	2.1	<5	120	<0.5	<5	0.44	<1	18	50	35	4.7	0.05	0.96	310	<2	0.02	22	220	2	<5	3	<10	16	0.19	116	10	4	104	6
2V0235SJ	L-8E 1+50N	<0.2	1.93	5	190	<0.5	<5	0.25	<1	11	76	34	4.36	0.04	0.57	255	<2	0.01	21	330	4	<5	3	<10	14	0.1	86	10	2	134	4
2V0235SJ	L-8E 2+00N	0.2	2.74	5	170	<0.5	<5	0.52	<1	20	102	69	4.61	0.05	1.08	840	<2	0.02	41	510	4	<5	8	<10	31	0.1	84	<10	10	110	9
2V0235SJ	L-8E 2+50N	0.2	1.86	5	130	<0.5	<5	0.32	<1	13	70	27	3.75	0.05	0.46	475	<2	0.01	23	1270	12	<5	3	<10	13	0.11	74	<10	2	125	4
2V0235SJ	L-8E 3+00N	<0.2	1.57	5	90	<0.5	<5	0.28	<1	14	121	33	3.69	0.06	0.88	450	<2	0.01	38	680	8	<5	3	<10	10	0.09	83	<10	2	98	3
2V0235SJ	L-8E 3+50N	<0.2	2.1	10	150	<0.5	<5	0.31	<1	18	115	46	4.49	0.07	1.08	340	<2	0.01	49	790	2	<5	4	<10	11	0.11	86	<10	4	125	6
2V0235SJ	L-8E 4+00N	0.2	1.86	5	140	<0.5	<5	0.2	<1	18	89	24	4.13	0.05	0.72	670	<2	0.01	30	1360	4	<5	3	<10	8	0.12	88	10	2	152	4
2V0235SJ	L-8E 4+50N	<0.2	1.25	5	120	<0.5	<5	0.19	<1	12	89	20	3.56	0.05	0.62	380	<2	0.01	24	690	4	<5	3	<10	7	0.12	88	<10	2	82	3
2V0235SJ	L-8E 5+00N	<0.2	1.33	5	100	<0.5	<5	0.89	<1	7	58	28	2.58	0.04	0.4	140	<2	0.01	17	400	4	<5	2	<10	43	0.09	61	<10	3	56	3
2V0235SJ	L-8E 5+50N	0.2	2.08	5	200	<0.5	<5	0.99	1	24	93	61	4.22	0.06	0.78	2010	<2	0.02	35	830	8	<5	5	<10	43	0.12	66	10	4	283	6
2V0235SJ	L-8E 6+00N	<0.2	1.93	<5	180	<0.5	<5	1.16	1	25	96	86	5.5	0.06	0.52	780	<2	0.01	29	1790	6	<5	4	<10	46	0.09	66	10	7	271	5
2V0235SJ	L-0 2+00N	<0.2	1.3	10	40	<0.5	<5	0.22	<1	13	111	23	5.09	0.03	0.69	150	<2	0.01	21	320	8	<5	3	<10	16	0.25	155	<10	1	49	5
2V0235SJ	L-0 2+50N	0.2	1.61	10	40	<0.5	<5	0.8	<1	11	88	35	4.66	0.03	0.69	165	<2	0.02	20	310	6	<5	3	<10	37	0.16	129	<10	2	49	4
2V0235SJ	L-0 3+00N	0.4	3	15	100	<0.5	<5	0.35	<1	29	138	151	6.39	0.07	1.63	405	<2	0.01	39	1240	6	<5	4	<10	28	0.15	130	10	3	213	7
2V0235SJ	L-0 3+50N	<0.2	2.93	15	80	<0.5	<5	0.25	<1	21	84	44	4.77	0.06	1.27	365	<2	0.01	32	760	2	<5	3	<10	19	0.14	100	10	3	106	9
2V0235SJ	L-0 4+00N	<0.2	2.67	10	70	<0.5	<5	0.16	<1	20	60	43	5.13	0.06	0.89	435	<2	0.01	20	2640	12	<5	3	<10	11	0.13	100	10	2	149	8
2V0235SJ	L-0 4+50N	<0.2	2.78	10	80	<0.5	<5	0.52	1	51	310	108	8.56	0.03	2.6	1495	<2	0.01	71	1010	16	5	6	<10	12	0.13	151	10	7	141	8
2V0235SJ	L-0 5+00N	0.4	2.11	15	80	<0.5	<5	0.25	<1	20	93	136	7.25	0.03	1.03	290	<2	0.01	28	1070	6	<5	3	<10	14	0.19	146	10	1	98	6
2V0235SJ	L-0 6+00N	0.2	1.77	20	190	<0.5	<5	0.41	<1	18	103	33	5.23	0.04	0.92	565	<2	0.01	28	840	8	<5	2	<10	24	0.13	113	10	2	166	4
2V0235SJ	L-0 0+50S	0.6	2.46	35	90	<0.5	<5	0.37	<1	27	107	136	6.11	0.07	1.53	585	<2	0.01	42	1420	6	<5	4	<10	24	0.12	125	10	3	124	5
2V0235SJ	L-0 1+00S	0.2	1.88	25	70	<0.5	<5	0.23	<1	21	62	114	4.78	0.05	0.72	260	<2	0.01	27	1420	10	<5	3	<10	11	0.12	90	10	3	98	5
2V0235SJ	L-0 1+50S	<0.2	2.15	30	100	<0.5	<5	0.49	<1	26	91	123	5.79	0.06	1.28	415	<2	0.01	39	1330	4	<5	3	<10	24	0.11	115	10	2	166	4
2V0235SJ	L-0 2+00S	0.6	2.69	20	80	<0.5	<5	0.42	<1	27	88	149	5.26	0.05	1.1	325	<2	0.02	40	810	2	5	4	<10	19	0.13	103	10	3	102	7
2V0235SJ	L-0 2+50S	0.4	3.84	10	80	<0.5	<5	0.22	<1	16	51	42	3.67	0.04	0.49	175	<2	0.02	23	1980	<2	<5	3	<10	11	0.14	73	<10	3	77	27
2V0235SJ	L-0 3+00S	1.6	2.49	25	80	<0.5	<5	1.44	<1	14	66	278	4.62	0.03	0.53	225	2	0.02	30	640	4	<5	3	<10	61	0.14	89	<10	12	66	10
2V0235SJ	L-0 3+50S	0.6	2.62	15	230	<0.5	<5	0.6	<1	19	79	211	4.61	0.06	0.83	350	<2	0.02	50	640	4	<5	5	<10	40	0.12	93	<10	8	89	6
2V0235SJ	L-2E 0+50N	<0.2	2.34	15	110	<0.5	<5	0.36	<1	23	110	119	5.7	0.06	1.5	505	<2	0.01	45	970	4	<5	4	<10	18	0.12	118	10	3	126	5
2V0235SJ	L-2E 1+00N	<0.2	2.31	5	100	<0.5	<5	0.35	<1	18	76	69	5.27	0.06	0.99	330	<2	0.01	31	1170	4	<5	3	<10	18	0.13	113	<10	2	102	7
2V0235SJ	L-2E 1+50N	<0.2	2.99	20	140	<0.5	<5	0.29	<1	39	101	363	6.89	0.08	1.51	450	4	0.01	52	1270	10	5	4	<10	21	0.14	127	10	3	202	9
2V0235SJ	L-2E 2+00N	<0.2	2.29	5	70	<0.5	<5	0.3	<1	24	104	56	6.38	0.05	1.39	430	<2	0.01	35	1390	4	<5	3	<10	20	0.14	133	10	2	165	6
2V0235SJ	L-2E 2+25N	1	3.42	10	60	<0.5	<5	0.22	<1	19	68	45	4.46	0.05	0.79	320	<2	0.02	28	1430	2	<5	3	<10	14	0.14	87	<10	2	122	15
2V0235SJ	L-2E 2+50N	0.2	2.98	10	120	<0.5	<5	0.38	<1	28	108	163	5.71	0.05	1.34	620	<2	0.02	40	970	4	5	4	<10	23	0.14	117	10	3	149	7
2V0235SJ	L-2E 2+75N	<0.2	2.82	10	90	<0.5	<5	0.34	<1	24	107	62	5.39	0.05	1.4	415	<2	0.01	37	1060	2	5	4	<10	21	0.13	108	<10	3	127	8
2V0235SJ	L-2E 3+00N	<0.2	1.78	<5	60	<0.5	<5	0.15	<1	12	105	26	4.37	0.05	0.58	215	<2	0.02	39	1450	2	<5	2	<10	6	0.15	90	<10	1	101	7
2V0235SJ	L-2E 3+50N	0.6	2.5	5	140	<0.5	<5	0.23	<1	23	111	40	6.08	0.06	0.98	580	<2	0.01	31	1840	8	<5	3	<10	12	0.14	113	10	2	170	10
2V0235SJ	L-2E 4+00N	0.8	2.61	10	120	<0.5	<5	0.24	<1	24	126	47	5.45	0.06	0.97	500	<2	0.02	36	1160	4	<5	3	<10	11	0.14	94	10	2	189	7
2V0235SJ	L-2E 4+50N	0.2	2.76	10	140	<0.5	<5	0.25	<1	24	124	63	5.89	0.04	1.16	360	<2	0.01	38	800	6	<5	3	<10	13	0.12	108	10	3	164	6
2V0235SJ	L-2E 5+00N	<0.2	2.4	10	110	<0.5	<5	0.17	<1	17	87	55	5.52	0.04	0.88	240	<2	0.01	28	580	2	5	3	<10	7	0.12	106	<10	3	147	7
2V0235SJ	L-6W 1+00S	0.4	2.2	20	110	<0.5	<5	0.84	<1	28	130	113	5.04	0.06	1.32	1090	<2	0.02	53	770	6	5	5	<10	56	0.11	107	10	8	139	8
2V0235SJ	L-6W 1+50S	<0.2	2.8	25	120	<0.5	<5	0.61	<1	19	93	55	4.27	0.04	0.77	380	2	0.02	40	520	2	5	4	<10	46	0.12	109	<10	7	135	10
2V0235SJ	L-6W 2+00S	0.4	3.41	35	100	<0.5	<5	0.52	<1	24	95	75	4.58	0.05	0.97	445	<2	0.02	49	570	4	5	5	<10	43	0.14	114	10	10	218	21
2V0235SJ	L-6W 2+50S	0.2	2.17	25	100	<0.5	<5	1.18	<1	18	73	76	3.91	0.05	0.8	565	<2	0.02	32	690	6	5	3	<10	82	0.09	86	<10	5	102	5
2V0235SJ	L-6W 3+00S	0.4	2.13	40	270	<0.5	<5	1.97	<1	20	74	267	3.09	0.03	0.93	225	2	0.02	49	320	6	5	4	<10	119	0.09	87	<10	11	54	9
2V0235SJ	L-7+75W 0+50N	0.2	1.52	5	60	<0.5	<5	0.22	<1	14	80	36	3.54	0.05	0.61	210	<2	0.02	25	770	4	<5	2	<10	11	0.12	86	<10	2	79	4
2V0235SJ	L-7+75W 1+00N	<0.2	1.99	15	70	<0.5	<5	0.32	<1	19	103	47	4.6	0.05	1.03	335	<2	0.01	37	720	4	<5	3	<10	16	0.12	97	<10	3	109	4
2V0235SJ	L-7+75W 1+50N	0.2	2.72	25	160	<0.5	<5	0.36	<1	23	116	84	5.45	0.08	0.91	345	<2	0.02	55	670	4	5	5	<10	23	0.14	117	10	5	114	6
2V0235SJ	L-7+75W 2+00N	<0.2	1.98	10	90	<0.5	<5	0.31	<1	14	95	37	3.96	0.05	0.94	275	<2	0.01	38	920	4	<5	3	<10	13	0.12	103	<10	3	117	4
2V0235SJ	L-7+75W 2+50N	<0.2	1.16	5	60	<0.5	<5	0.22	<1	9	55	24	2.92	0.04	0.39	145	<2	0.01	18	420	6	5	2	<10	11	0.12	84	<10	3	60	4
2V0235SJ	L-7+75W 3+00N	<0.2	1.79	10	70	<0.5	<5	0.17	<1	13	96	33	4.52	0.04	0.72	265	<2	0.01	25	850	6	<5	3	<10	9	0.14	119	10	2	98	6
2V0235SJ	L-7+75W 3+50N	<0.2	2.43	15	90	<0.5	<5	0.36	<1	25	144	79	5.59	0.05	1.57	380	<2	0.01	52	1020	2	5	4	<10	17	0.13	121	10	3	93	6
2V0235SJ	L-7+75W 4+00N	0.2	1.48	20	70	<0.5	<5	0.33	<1	14	67	45	4.29	0.03	0.48	155	6	0.01	24	320	6	5	2	<10	29	0.12	103	<10	2	56	5
2V0235SJ	L-7+75W 0+00	0.4	2.68	15	170	<0.5	<5	0.36	<1	16	94	37	4.3	0.07	0.7	1425	<2	0.02	33	2330	4	5	3	<10	19	0.13	93	10	2	122	10
2V0235SJ	L-7+75W 0+50	0.2	4.12	20	140	<0.5	<5	0.29	<1	24	68	83	4.88	0.07	0.44	320	<2	0.02	45	2540	12	<5	4	<10	18	0.2	91	<10	6	168	28
2V0235SJ	L-7+75W 1+00	0.2	2.9	25	80	<0.5	<5	0.38	<1	34	205	138	6.66	0.07	1.82	425	<2	0.01	71	1750	4	5	5	<10	14	0.15	154	10	3	168	7

2V0235SJ	L-7+75W 1+50	0.8	1.8	10	70	<0.5	<5	0.56	<1	12	60	38	2.83	0.04	0.36	205	<2	0.02	20	560	8	5	2	<10	31	0.13	69	<10	4	70	6
2V0235SJ	L-7+75W 2+50	0.2	3.25	125	100	<0.5	<5	0.23	<1	32	306	37	7.43	0.08	1.78	405	<2	0.01	89	1700	6	5	5	<10	4	0.21	171	10	1	507	12
2V0235SJ	L-7+75W 3+00	0.2	2.55	45	70	<0.5	<5	0.25	<1	14	61	20	4.76	0.04	0.43	270	<2	0.02	22	2090	10	5	2	<10	11	0.15	95	10	2	228	17
2V0235SJ	L-7+75W 3+50	0.4	2.65	145	150	<0.5	<5	0.48	<1	19	106	76	5.75	0.05	0.84	660	2	0.01	44	1330	14	5	3	<10	26	0.11	118	10	3	252	7
2V0235SJ	L-7+75W 4+00	0.2	2.26	20	130	<0.5	<5	0.28	<1	22	111	57	4.91	0.05	1.15	300	<2	0.02	73	1500	6	5	3	<10	26	0.15	100	<10	2	92	6
2V0235SJ	L-7+75W 4+50	<0.2	1.66	55	110	<0.5	<5	0.37	<1	16	89	31	5.53	0.06	0.71	400	<2	0.01	32	1620	6	<5	2	<10	20	0.16	144	10	1	177	5
2V0235SJ	L-7+75W 5+00	0.2	1.63	5	70	<0.5	<5	0.43	<1	10	96	24	4.08	0.03	0.82	175	<2	0.02	31	230	4	5	3	<10	24	0.12	114	<10	2	55	4
2V0235SJ	L-4E 0+25S	0.8	2.37	10	90	<0.5	<5	0.33	<1	19	31	47	3.62	0.06	0.42	480	<2	0.02	15	1630	8	5	3	<10	20	0.13	75	<10	2	83	8
2V0235SJ	L-4E 0+50S	<0.2	1.91	10	50	<0.5	<5	0.3	<1	16	78	128	5.37	0.04	1.08	310	<2	0.01	30	480	6	<5	4	<10	16	0.1	106	10	2	76	4
2V0235SJ	L-4E 1+00S	<0.2	1.94	15	80	<0.5	<5	0.35	<1	23	86	188	5.34	0.06	1.33	440	<2	0.01	38	630	4	<5	4	<10	25	0.11	95	10	3	86	4
2V0235SJ	L-4E 1+25S	<0.2	2.1	10	100	<0.5	<5	0.33	<1	24	74	123	4.65	0.06	0.96	515	<2	0.01	38	780	6	5	3	<10	19	0.12	90	<10	3	122	5
2V0235SJ	L-4E 1+50S	0.2	2	5	110	<0.5	<5	0.34	<1	25	187	116	5.61	0.07	1.43	1195	<2	0.01	64	1050	6	<5	2	<10	10	0.16	120	10	3	95	4
2V0235SJ	L-4E 2+00S	1.2	2.34	<5	90	<0.5	<5	0.58	1	18	32	621	3.41	0.04	0.29	1450	34	0.02	171	530	8	<5	3	<10	23	0.13	55	10	5	221	10
2V0235SJ	L-4E 2+50S	<0.2	3.09	5	60	<0.5	<5	0.21	<1	9	34	47	4.8	0.03	0.13	145	6	0.01	11	650	4	<5	2	<10	6	0.15	92	<10	2	54	17
2V0235SJ	L-4E 3+00S	<0.2	1.68	10	60	<0.5	<5	0.3	<1	16	59	134	5.86	0.04	0.64	245	10	0.01	23	720	6	<5	3	<10	12	0.18	132	<10	2	67	6
2V0235SJ	L-4E 3+50S	0.2	1.87	10	150	<0.5	<5	0.44	<1	28	68	361	6.87	0.05	1.36	560	16	0.01	42	1070	10	<5	7	<10	20	0.13	171	10	5	100	9
2V0235SJ	L-4E 4+00S	0.2	1.41	5	70	<0.5	<5	0.27	<1	13	52	75	4.2	0.04	0.6	200	10	0.01	23	350	6	<5	2	<10	16	0.15	101	<10	2	97	4
2V0235SJ	L-4E 4+50S	0.2	2.77	5	60	<0.5	<5	0.15	<1	8	25	28	3.3	0.03	0.2	90	4	0.02	11	680	8	<5	2	<10	10	0.13	61	<10	2	81	21
2V0235SJ	L-4E 5+00S	<0.2	2.8	10	80	<0.5	<5	0.29	<1	22	151	133	6.07	0.06	1.54	385	4	0.01	49	480	4	<5	4	<10	21	0.17	140	<10	3	103	6
2V0235SJ	L-4E 0+00	0.2	2.67	<5	110	<0.5	<5	0.23	<1	20	23	68	5.16	0.1	0.65	1030	<2	0.02	22	960	8	<5	3	<10	12	0.15	66	10	3	100	16
2V0235SJ	L-4E 0+50N	<0.2	1.14	<5	110	0.5	15	0.38	1	27	16	311	>15.00	0.12	0.19	740	<2	0.01	19	970	18	5	2	<10	<1	0.02	89	10	2	101	12
2V0235SJ	L-4E 1+00N	<0.2	1.57	<5	90	<0.5	<5	0.21	<1	17	58	59	4.17	0.05	0.84	315	<2	0.01	23	940	8	<5	2	<10	16	0.11	88	<10	2	84	4
2V0235SJ	L-4E 1+50N	0.4	2.65	5	80	<0.5	<5	0.36	<1	21	58	94	4.63	0.04	0.56	475	<2	0.02	26	1000	10	<5	3	<10	15	0.14	82	<10	3	129	12
2V0235SJ	L-4E 2+00N	<0.2	2.21	10	100	<0.5	<5	0.32	<1	23	97	95	5.15	0.06	1.39	435	<2	0.01	40	1470	8	<5	4	<10	17	0.11	105	10	3	108	4
2V0235SJ	L-4E 2+50N	0.4	2.3	5	100	<0.5	<5	0.18	1	20	59	43	4.13	0.07	0.71	875	<2	0.01	21	2320	4	<5	3	<10	11	0.13	78	<10	2	127	7
2V0235SJ	L-4E 3+00N	0.2	1.92	5	130	<0.5	<5	0.2	<1	22	68	40	4.97	0.05	0.67	630	<2	0.01	21	2110	10	<5	3	<10	10	0.12	91	<10	2	117	6
2V0235SJ	L-4E 3+50N	0.2	2.92	10	140	<0.5	<5	0.48	<1	33	92	118	5.9	0.05	1.12	525	<2	0.02	43	990	16	<5	5	<10	24	0.12	102	10	5	157	9
2V0235SJ	L-4E 4+00N	0.4	2.04	5	160	<0.5	<5	0.24	<1	21	74	34	4.76	0.05	0.66	525	<2	0.01	24	1080	12	<5	3	<10	17	0.14	97	<10	2	117	4
2V0235SJ	L-4E 4+50N	<0.2	2.25	10	130	<0.5	<5	0.23	<1	19	102	51	5.2	0.05	0.99	340	<2	0.01	33	1020	8	<5	3	<10	13	0.12	100	10	3	167	4
2V0235SJ	L-4E 5+00N	<0.2	2.72	10	130	<0.5	<5	0.23	<1	35	93	72	5.94	0.04	0.97	830	<2	0.01	33	770	10	5	3	<10	13	0.13	99	10	4	216	6
2V0235SJ	L-4E 5+50N	<0.2	2.7	5	90	<0.5	<5	0.16	<1	17	64	93	5.41	0.04	0.79	315	<2	0.01	21	1170	10	5	3	<10	10	0.12	88	10	2	116	8
2V0235SJ	L-4E 6+00N	0.2	1.64	5	70	<0.5	<5	0.13	<1	18	57	49	4.62	0.03	0.59	325	<2	0.01	18	440	8	<5	2	<10	7	0.13	98	<10	2	66	6
2V0235SJ	L-1E 2+00N	<0.2	1.42	10	40	<0.5	<5	0.18	<1	11	55	27	3.53	0.03	0.53	205	<2	0.01	16	600	4	<5	2	<10	12	0.1	80	<10	1	65	3
2V0235SJ	L-1E 2+25N	<0.2	1.15	10	80	<0.5	<5	0.26	<1	12	53	40	4.49	0.06	0.6	265	<2	0.01	17	1010	8	<5	2	<10	19	0.12	97	10	1	90	3
2V0235SJ	L-1E 2+50N	<0.2	2.79	15	100	<0.5	<5	0.29	<1	28	100	122	5.62	0.05	1.5	490	<2	0.01	42	800	4	<5	4	<10	19	0.13	110	10	3	140	6
2V0235SJ	L-1E 2+75N	<0.2	2.69	10	100	<0.5	<5	0.45	<1	33	87	100	6.01	0.04	1.05	445	<2	0.01	35	740	6	<5	4	<10	13	0.12	115	10	3	140	6
2V0235SJ	L-1E 3+00N	0.2	2.11	10	90	<0.5	<5	0.15	<1	19	53	65	3.62	0.04	0.58	360	<2	0.02	20	1150	6	<5	2	<10	8	0.11	73	<10	4	102	5
2V0235SJ	L-1E 3+50N	0.4	2.33	20	100	<0.5	<5	0.26	<1	22	112	60	5	0.05	1.26	530	<2	0.01	33	1110	8	<5	3	<10	17	0.12	101	<10	2	101	5
2V0235SJ	L-1E 4+00N	0.2	2.5	15	70	<0.5	<5	0.26	<1	20	92	57	5.04	0.06	1.08	485	<2	0.01	29	1590	6	<5	3	<10	16	0.11	94	<10	2	109	9
2V0235SJ	L-2E 0+50S	0.2	1.31	<5	100	<0.5	<5	0.15	<1	10	48	42	2.62	0.04	0.37	425	<2	0.02	21	880	4	<5	2	<10	9	0.11	65	<10	2	78	3
2V0235SJ	L-2E 1+00S	<0.2	1.94	10	90	<0.5	<5	0.21	<1	16	79	42	3.96	0.06	0.71	590	<2	0.01	28	1600	4	<5	3	<10	10	0.11	80	10	2	106	8
2V0235SJ	L-2E 1+50S	<0.2	1.56	15	80	<0.5	<5	0.32	<1	15	89	74	4.85	0.07	0.84	270	<2	0.01	30	590	8	<5	3	<10	19	0.16	116	<10	2	85	5
2V0235SJ	L-2E 2+00S	0.4	1.75	15	110	<0.5	<5	0.94	<1	18	55	154	3.83	0.03	0.66	610	<2	0.02	24	740	6	<5	3	<10	49	0.08	72	<10	7	61	4
2V0235SJ	L-2E 2+50S	1	2.25	10	120	<0.5	<5	1	<1	16	40	84	3.97	0.04	0.37	300	<2	0.02	20	500	8	<5	3	<10	48	0.12	56	<10	6	90	10
2V0235SJ	L-2E 4+50S	0.2	2.64	5	60	<0.5	<5	0.19	<1	13	73	22	4.99	0.05	0.77	240	<2	0.01	22	1900	4	<5	3	<10	13	0.14	108	10	2	95	10
2V0235SJ	L-2E 5+00S	<0.2	2.82	15	90	<0.5	<5	0.39	<1	21	119	100	6.03	0.07	1.57	380	<2	0.01	44	1300	2	<5	4	<10	34	0.13	131	10	3	118	6
2V0235SJ	L-2E 5+50S	0.4	3.04	10	110	<0.5	<5	0.17	<1	28	113	81	4.92	0.04	1.05	345	<2	0.01	38	880	4	<5	3	<10	10	0.13	86	10	4	168	13
2V0235SJ	L-2E 6+00S	<0.2	3.54	35	90	<0.5	<5	0.28	<1	46	248	158	7.23	0.06	2.19	660	<2	0.01	82	700	18	5	6	<10	9	0.15	130	10	10	225	15
2V0235SJ	L-2W 0+50S	<0.2	2.45	30	130	<0.5	<5	0.54	<1	23	78	150	6.05	0.06	1.04	330	<2	0.01	43	1190	2	<5	3	<10	28	0.11	109	10	3	180	5
2V0235SJ	LBL-7 2+00S	<0.2	2.21	25	90	<0.5	<5	0.31	<1	17	94	90	4.65	0.04	1.15	310	<2	0.01	41	1190	2	<5	4	<10	19	0.11	102	10	3	100	4
2V0235SJ	LBL-7 2+50S	<0.2	1.96	20	70	<0.5	<5	0.22	<1	16	59	33	5.05	0.05	0.63	255	<2	0.01	24	2110	6	<5	2	<10	11	0.14	110	<10	2	156	8
2V0235SJ	LBL-7 3+00S	0.2	2.82	25	120	<0.5	<5	0.2	<1	15	58	59	4.27	0.04	0.56	195	<2	0.01	33	2090	4	<5	3	<10	13	0.13	85	<10	3	102	9
2V0235SJ	LBL-7 3+50S	0.2	2.6	25	110	<0.5	<5	0.38	<1	18	65	58	4.09	0.04	0.48	310	<2	0.02	30	1210	4	<5	3	<10	19	0.12	86	10	5	100	8
2V0235SJ	RMSL-01	<0.2	1.26	<5	200	<0.5	<5	0.84	<1	12	70	34	3.03	0.05	0.79	1570	<2	0.01	26	1180	<2	<5	2	<10	31	0.08	70	<10	5	95	3

2V0235SJ	L-0 1+50N	0.2	1.73	10	90	<0.5	<5	0.23	<1	14	77	48	5.13	0.03	0.7	195	<2	0.01	21	390	6	<5	3	<10	18	0.18	137	<10	2	71	6
2V0235SJ	L-0 4+00S	<0.2	2.3	10	90	<0.5	<5	0.21	<1	17	61	47	3.43	0.04	0.54	555	<2	0.02	22	1570	2	<5	3	<10	10	0.11	76	10	3	94	11
2V0235SJ	L-0 4+50S	0.4	4.21	5	70	<0.5	<5	0.22	<1	17	59	30	4.18	0.03	0.31	240	<2	0.01	17	2270	2	<5	3	<10	10	0.14	75	<10	3	68	26
2V0235SJ	L-0 5+00S	0.4	3.76	15	80	<0.5	<5	0.28	<1	34	94	149	5.53	0.05	0.9	405	<2	0.01	45	1800	2	5	3	<10	13	0.12	106	10	3	134	12
2V0235SJ	L-0 7+50N	<0.2	1.45	5	50	<0.5	<5	0.14	<1	13	100	16	5.08	0.03	0.72	195	<2	0.01	20	390	6	<5	2	<10	23	0.19	149	<10	1	66	4
2V0235SJ	L-0 8+00N	<0.2	1.51	5	50	<0.5	<5	0.13	<1	11	88	15	4.51	0.03	0.44	165	<2	0.01	16	720	8	<5	2	<10	6	0.14	102	10	1	60	6
2V0235SJ	L-0 9+00N	0.2	1.25	5	60	<0.5	<5	0.13	<1	11	69	39	3.9	0.04	0.67	220	<2	0.01	19	750	4	<5	2	<10	8	0.07	77	<10	1	82	2
2V0235SJ	L-0 9+50N	0.6	0.99	10	30	<0.5	<5	0.05	<1	6	23	27	2.58	0.02	0.31	150	<2	0.01	8	250	8	<5	1	<10	5	0.09	59	<10	1	39	2
2V0235SJ	L-0 10+00N	0.2	1.13	<5	60	<0.5	<5	0.12	<1	9	50	12	3.53	0.04	0.25	170	<2	0.01	12	1500	8	<5	1	<10	7	0.13	80	<10	1	47	4
2V0235SJ	L-6E 0+50S	1	4.32	5	90	<0.5	<5	0.27	<1	18	38	29	4.18	0.05	0.35	205	<2	0.02	18	1810	8	<5	2	<10	12	0.16	64	<10	3	95	29
2V0235SJ	L-6E 1+00S	0.2	2.22	5	110	<0.5	<5	0.27	<1	22	55	208	5.47	0.06	0.96	510	<2	0.01	26	1150	10	<5	3	<10	20	0.12	102	<10	2	148	4
2V0235SJ	L-6E 1+50S	0.6	1.91	5	80	<0.5	<5	0.19	<1	12	25	43	3.16	0.05	0.4	390	<2	0.02	12	1510	8	<5	2	<10	18	0.11	67	<10	2	82	8
2V0235SJ	L-6E 2+00S	0.2	1.84	<5	90	<0.5	<5	0.16	<1	15	46	45	5.31	0.04	0.69	305	<2	0.01	19	1420	8	<5	3	<10	17	0.13	115	10	2	134	4
2V0235SJ	L-6E 2+50S	0.2	2.03	50	130	<0.5	<5	1.04	<1	26	61	118	7.57	0.05	1.07	1020	38	0.01	73	1720	6	<5	3	<10	18	0.1	370	10	4	385	6
2V0235SJ	L-6E 3+00S	0.2	3.16	20	130	<0.5	5	0.79	1	32	75	307	8.75	0.04	0.82	500	28	0.01	53	850	4	<5	3	<10	29	0.11	272	20	6	606	7
2V0235SJ	L-6E 3+50S	0.2	2.06	5	90	<0.5	<5	0.25	<1	14	50	71	5.06	0.04	0.74	330	10	0.01	26	830	10	5	3	<10	14	0.13	161	10	2	149	6
2V0235SJ	L-6E 4+00S	<0.2	2.45	5	90	<0.5	<5	0.37	<1	18	50	85	6	0.03	0.75	285	4	0.01	27	860	6	<5	3	<10	16	0.13	130	10	2	146	7
2V0235SJ	L-6E 4+50S	<0.2	2.42	15	70	<0.5	5	1.1	<1	32	50	329	8.71	0.03	0.94	430	10	0.01	28	820	12	<5	4	<10	31	0.09	120	10	5	139	9
2V0235SJ	L-6E 5+00S	<0.2	1.9	5	100	0.5	10	0.36	1	71	25	122	10.96	0.07	0.29	965	6	0.01	23	2460	10	<5	2	<10	2	0.07	73	10	3	227	7
2V0235SJ	L-6E 0+00	0.2	2.32	5	120	<0.5	<5	0.34	<1	25	89	100	5.4	0.06	1.24	625	<2	0.01	32	780	10	<5	4	<10	21	0.09	107	<10	3	106	4
2V0235SJ	L-6E 0+50N	0.4	2.73	5	100	<0.5	<5	0.28	<1	22	72	89	5.12	0.04	0.96	650	<2	0.01	31	780	12	<5	3	<10	14	0.11	97	<10	3	114	6
2V0235SJ	L-6E 1+00N	0.6	2.77	5	110	<0.5	<5	0.19	<1	20	76	30	4.93	0.05	0.85	385	<2	0.01	29	870	6	5	3	<10	8	0.12	90	10	2	131	6
2V0235SJ	L-6E 1+50N	0.6	1.87	<5	100	<0.5	<5	0.15	<1	13	52	18	3.81	0.04	0.55	595	<2	0.01	15	690	6	<5	2	<10	7	0.08	84	<10	1	100	5
2V0235SJ	L-6E 1+75N	<0.2	2.77	5	100	<0.5	<5	0.65	<1	12	85	25	4.76	0.03	0.78	250	<2	0.01	24	580	4	<5	3	<10	25	0.12	92	10	3	99	8
2V0235SJ	L-6E 2+50N	1.4	4	5	100	<0.5	<5	0.28	<1	25	143	76	4.78	0.07	1.11	365	<2	0.02	52	1000	10	<5	6	<10	11	0.14	85	<10	5	110	16
2V0235SJ	L-6E 3+00N	0.4	2.05	5	110	<0.5	<5	0.23	<1	15	87	43	5.09	0.04	0.94	365	<2	0.01	27	1180	22	<5	3	<10	15	0.12	107	<10	2	106	4
2V0235SJ	L-6E 3+50N	0.4	1.41	<5	60	<0.5	<5	0.13	<1	10	55	13	2.95	0.04	0.26	220	<2	0.02	14	830	6	<5	1	<10	6	0.12	64	<10	1	59	6
2V0235SJ	L-6E 4+00N	<0.2	2.79	<5	160	<0.5	<5	0.28	<1	25	115	66	6.19	0.07	1.19	510	<2	0.01	45	1290	6	<5	4	<10	8	0.1	105	<10	3	139	5
2V0235SJ	L-6E 4+50N	<0.2	2.23	<5	150	<0.5	<5	0.19	<1	21	126	45	4.78	0.06	1.19	605	<2	0.01	36	1500	8	<5	3	<10	7	0.11	89	10	2	124	6
2V0235SJ	L-6E 5+00N	<0.2	2.15	5	240	<0.5	<5	0.3	<1	23	218	52	5.22	0.08	1.66	1495	<2	0.01	57	1690	4	<5	3	<10	12	0.12	111	10	2	126	4
2V0235SJ	L-6E 5+50N	<0.2	1.8	10	170	<0.5	<5	0.23	<1	19	135	39	5.04	0.04	1.02	505	<2	0.01	35	690	4	5	3	<10	8	0.14	116	10	3	93	4
2V0235SJ	L-6E 6+00N	<0.2	2.42	5	130	<0.5	<5	0.28	<1	14	121	33	5.82	0.04	0.75	320	<2	0.01	30	580	4	<5	3	<10	15	0.17	111	10	2	90	8
2V0235SJ	LBL4 3+00S	<0.2	3.22	35	100	<0.5	<5	0.13	<1	15	52	29	4.29	0.04	0.48	320	<2	0.01	25	2980	4	<5	3	<10	7	0.14	82	10	2	225	20

Certificate Number	Sample Name	Geochem Au ppb
2V0235SG	L-6W 0+50S	11
2V0235SG	L-6W 0+00	12
2V0235SG	L-6W 0+50N	18
2V0235SG	L-6W 1+00N	21
2V0235SG	L-6W 1+50N	24
2V0235SG	L-6W 2+00N	14
2V0235SG	L-6W 2+50N	42
2V0235SG	L-6W 3+00N	16
2V0235SG	L-6W 3+50N	29
2V0235SG	L-6W 4+00N	13
2V0235SG	L-6W 4+50N	46
2V0235SG	L-6W 5+00N	26
2V0235SG	L-6W 5+50N	50
2V0235SG	L-6W 6+00N	26
2V0235SG	L-6W 6+50N	4
2V0235SG	L-6W 7+00N	37
2V0235SG	L-6W 7+50N	51
2V0235SG	L-6W 8+00N	12
2V0235SG	L-6W 8+50N	18
2V0235SG	L-6W 9+00N	2
2V0235SG	L-6W 9+50N	19
2V0235SG	L-6W 10+00N	4
2V0235SG	L-6W 10+50N	7
2V0235SG	L-6W 11+00N	20
2V0235SG	*96-8	368
2V0235SG	*Blank	1
2V0235SG	L-6W 11+50N	17
2V0235SG	L-6W 12+00N	49
2V0235SG	L-6W 12+50N	30
2V0235SG	L-6W 13+00N	19
2V0235SG	L-6W 13+50N	11
2V0235SG	L-6W 14+00N	21
2V0235SG	L-6W 14+50N	15
2V0235SG	L-6W 15+00N	10
2V0235SG	L-6W 15+50N	18
2V0235SG	L-2W 0+50N	17
2V0235SG	L-2W 1+00N	4
2V0235SG	L-2W 1+50N	20
2V0235SG	L-2W 2+00N	12
2V0235SG	L-2W 2+50N	23
2V0235SG	L-2W 3+00N	90
2V0235SG	L-2W 3+50N	38
2V0235SG	L-2W 4+00N	32
2V0235SG	L-2W 4+50N	26
2V0235SG	L-2W 8+00N	6
2V0235SG	L-2W 8+50N	92
2V0235SG	L-2W 9+00N	12
2V0235SG	L-2W 9+50N	20

2V0235SG	L-2W 1+00S	80
2V0235SG	L-2W 1+50S	34
2V0235SG	*96-8	372
2V0235SG	*Blank	<1
2V0235SG	L-2W 2+00S	27
2V0235SG	L-2W 2+50S	33
2V0235SG	L-2W 3+00S	26
2V0235SG	L-2W 3+50S	58
2V0235SG	L-2W 4+00S	128
2V0235SG	L-2W 5+00S	34
2V0235SG	L-4W 0+50S	40
2V0235SG	L-4W B/L	12
2V0235SG	L-4W 0+50N	34
2V0235SG	L-4W 1+00N	14
2V0235SG	L-4W 1+50N	42
2V0235SG	L-4W 2+00N	15
2V0235SG	L-4W 2+50N*	
2V0235SG	L-4W 3+00N	6
2V0235SG	L-4W 3+50N	60
2V0235SG	L-4W 4+00N	27
2V0235SG	L-4W 4+50N	21
2V0235SG	L-4W 5+50N	130
2V0235SG	L-4W 6+00N	216
2V0235SG	L-4W 6+50N	3
2V0235SG	L-4W 7+00N	27
2V0235SG	L-4W 8+00N	12
2V0235SG	L-4W 8+50N	16
2V0235SG	L-4W 9+00N	27
2V0235SG	*96-8	377
2V0235SG	*Blank	<1
2V0235SG	L-4W 9+50N	138
2V0235SG	L-4W 10+00N	10
2V0235SG	L-4W 1+00S	24
2V0235SG	L-4W 1+50S	24
2V0235SG	L-4W 2+00S	8
2V0235SG	L-4W 2+50S	28
2V0235SG	L-4W 3+00S	8
2V0235SG	L-4W 3+50S	16
2V0235SG	L-4W 4+00S	74
2V0235SG	L-4W 5+00S	20
2V0235SG	LBL7 0+00	6
2V0235SG	LBL7 0+50S	16
2V0235SG	LBL7 1+00S	26
2V0235SG	LBL7 1+50S	10
2V0235SG	LBL4 0+00	4
2V0235SG	LBL4 0+50S	2
2V0235SG	LBL4 1+00S	6
2V0235SG	LBL4 1+50S	31
2V0235SG	LBL4 2+00S	58
2V0235SG	LBL4 2+50S	4
2V0235SG	LBL4 3+50S	6

2V0235SG	LBL4 4+00S	8
2V0235SG	LBL4 4+50S	47
2V0235SG	LBL4 5+00S	78
2V0235SG	*96-8	395
2V0235SG	*Blank	<1
2V0235SG	L-8E 5+00S	56
2V0235SG	L-8E 4+50S	34
2V0235SG	L-8E 4+00S	27
2V0235SG	L-8E 3+00S	68
2V0235SG	L-8E 2+50S	19
2V0235SG	L-8E 2+00S	27
2V0235SG	L-8E 1+50S	58
2V0235SG	L-8E 0+50S	13
2V0235SG	L-8E 0+00	33
2V0235SG	L-8E 0+50N	13
2V0235SG	L-8E 1+00N	2
2V0235SG	L-8E 1+50N	17
2V0235SG	L-8E 2+00N	14
2V0235SG	L-8E 2+50N	7
2V0235SG	L-8E 3+00N	12
2V0235SG	L-8E 3+50N	47
2V0235SG	L-8E 4+00N	4
2V0235SG	L-8E 4+50N	9
2V0235SG	L-8E 5+00N	6
2V0235SG	L-8E 5+50N	24
2V0235SG	L-8E 6+00N	6
2V0235SG	L-0 2+00N	92
2V0235SG	L-0 2+50N	18
2V0235SG	L-0 3+00N	24
2V0235SG	*96-8	380
2V0235SG	*Blank	<1
2V0235SG	L-0 3+50N	33
2V0235SG	L-0 4+00N	30
2V0235SG	L-0 4+50N	25
2V0235SG	L-0 5+00N	8
2V0235SG	L-0 6+00N	17
2V0235SG	L-0 0+50S	153
2V0235SG	L-0 1+00S	36
2V0235SG	L-0 1+50S	68
2V0235SG	L-0 2+00S	71
2V0235SG	L-0 2+50S	18
2V0235SG	L-0 3+00S	46
2V0235SG	L-0 3+50S	15
2V0235SG	L-2E 0+50N	46
2V0235SG	L-2E 1+00N	26
2V0235SG	L-2E 1+50N	124
2V0235SG	L-2E 2+00N	18
2V0235SG	L-2E 2+25N	9
2V0235SG	L-2E 2+50N	28
2V0235SG	L-2E 2+75N	12
2V0235SG	L-2E 3+00N	8

2V0235SG	L-2E 3+50N	20
2V0235SG	L-2E 4+00N	11
2V0235SG	L-2E 4+50N	25
2V0235SG	L-2E 5+00N	7
2V0235SG	*96-8	381
2V0235SG	*Blank	<1
2V0235SG	L-6W 1+00S	31
2V0235SG	L-6W 1+50S	16
2V0235SG	L-6W 2+00S	14
2V0235SG	L-6W 2+50S	87
2V0235SG	L-6W 3+00S	18
2V0235SG	L-7+75W 0+50N	8
2V0235SG	L-7+75W 1+00N	9
2V0235SG	L-7+75W 1+50N	16
2V0235SG	L-7+75W 2+00N	6
2V0235SG	L-7+75W 2+50N	4
2V0235SG	L-7+75W 3+00N	6
2V0235SG	L-7+75W 3+50N	17
2V0235SG	L-7+75W 4+00N	11
2V0235SG	L-7+75W 0+00	7
2V0235SG	L-7+75W 0+50	4
2V0235SG	L-7+75W 1+00	21
2V0235SG	L-7+75W 1+50	2
2V0235SG	L-7+75W 2+50	36
2V0235SG	L-7+75W 3+00	12
2V0235SG	L-7+75W 3+50	22
2V0235SG	L-7+75W 4+00	11
2V0235SG	L-7+75W 4+50	37
2V0235SG	L-7+75W 5+00	10
2V0235SG	L-4E 0+25S	12
2V0235SG	*96-8	376
2V0235SG	*Blank	<1
2V0235SG	L-4E 0+50S	46
2V0235SG	L-4E 1+00S	140
2V0235SG	L-4E 1+25S	39
2V0235SG	L-4E 1+50S	57
2V0235SG	L-4E 2+00S	194
2V0235SG	L-4E 2+50S	50
2V0235SG	L-4E 3+00S	88
2V0235SG	L-4E 3+50S	88
2V0235SG	L-4E 4+00S	30
2V0235SG	L-4E 4+50S	10
2V0235SG	L-4E 5+00S	32
2V0235SG	L-4E 0+00	19
2V0235SG	L-4E 0+50N	40
2V0235SG	L-4E 1+00N	27
2V0235SG	L-4E 1+50N	18
2V0235SG	L-4E 2+00N	25
2V0235SG	L-4E 2+50N	27
2V0235SG	L-4E 3+00N	14
2V0235SG	L-4E 3+50N	105

2V0235SG	L-4E 4+00N	11
2V0235SG	L-4E 4+50N	10
2V0235SG	L-4E 5+00N	99
2V0235SG	L-4E 5+50N	10
2V0235SG	L-4E 6+00N	10
2V0235SG	*96-8	394
2V0235SG	*Blank	<1
2V0235SG	L-1E 2+00N	30
2V0235SG	L-1E 2+25N	38
2V0235SG	L-1E 2+50N	70
2V0235SG	L-1E 2+75N	60
2V0235SG	L-1E 3+00N	14
2V0235SG	L-1E 3+50N	22
2V0235SG	L-1E 4+00N	22
2V0235SG	L-2E 0+50S	9
2V0235SG	L-2E 1+00S	15
2V0235SG	L-2E 1+50S	22
2V0235SG	L-2E 2+00S	42
2V0235SG	L-2E 2+50S	86
2V0235SG	L-2E 4+50S	18
2V0235SG	L-2E 5+00S	22
2V0235SG	L-2E 5+50S	26
2V0235SG	L-2E 6+00S	24
2V0235SG	L-2W 0+50S	39
2V0235SG	LBL-7 2+00S	12
2V0235SG	LBL-7 2+50S	14
2V0235SG	LBL-7 3+00S	10
2V0235SG	LBL-7 3+50S	10
2V0235SG	RMSL-01	14
2V0235SG	L-0 1+50N	60
2V0235SG	L-0 4+00S	18
2V0235SG	*96-8	386
2V0235SG	*Blank	<1
2V0235SG	L-0 4+50S	14
2V0235SG	L-0 5+00S	54
2V0235SG	L-0 7+50N	26
2V0235SG	L-0 8+00N	7
2V0235SG	L-0 9+00N	16
2V0235SG	L-0 9+50N	16
2V0235SG	L-0 10+00N	16
2V0235SG	L-6E 0+50S	45
2V0235SG	L-6E 1+00S	84
2V0235SG	L-6E 1+50S	17
2V0235SG	L-6E 2+00S	29
2V0235SG	L-6E 2+50S	294
2V0235SG	L-6E 3+00S	144
2V0235SG	L-6E 3+50S	52
2V0235SG	L-6E 4+00S	18
2V0235SG	L-6E 4+50S	132
2V0235SG	L-6E 5+00S	50
2V0235SG	L-6E 0+00	78

2V0235SG	L-6E 0+50N	53
2V0235SG	L-6E 1+00N	40
2V0235SG	L-6E 1+50N	12
2V0235SG	L-6E 1+75N	36
2V0235SG	L-6E 2+50N	38
2V0235SG	L-6E 3+00N	32
2V0235SG	*96-8	400
2V0235SG	*Blank	<1
2V0235SG	L-6E 3+50N	40
2V0235SG	L-6E 4+00N	88
2V0235SG	L-6E 4+50N	17
2V0235SG	L-6E 5+00N	16
2V0235SG	L-6E 5+50N	10
2V0235SG	L-6E 6+00N	10
2V0235SG	LBL4 3+00S	10

Certificate Number	Sample Name	ICP Ag ppm	ICP Al %	ICP As ppm	ICP Ba ppm	ICP Be ppm	ICP Bi ppm	ICP Ca %	ICP Cd ppm	ICP Co ppm	ICP Cr ppm	ICP Cu ppm	ICP Fe %	ICP K %	ICP Mg %	ICP Mn ppm	ICP Mo ppm	ICP Na %	ICP Ni ppm	ICP P ppm	ICP Pb ppm	ICP Sb ppm	ICP Sc ppm	ICP Sn ppm	ICP Sr ppm	ICP Ti %	ICP V ppm	ICP W ppm	ICP Y ppm	ICP Zn ppm	ICP Zr ppm
2V0235RJ	GR02-1	<0.2	0.58	5	50	<0.5	<5	0.75	<1	13	33	13	2.98	0.1	0.43	80	<2	0.06	3	1700	4	<5	1	<10	50	0.18	47	<10	5	72	5
2V0235RJ	GR02-2	<0.2	0.21	<5	260	0.5	<5	5.89	<1	19	33	178	5.04	0.23	2.68	785	<2	0.03	24	1270	4	<5	17	<10	190	0.01	42	<10	5	39	6
2V0235RJ	GR02-3	<0.2	1.43	20	50	<0.5	<5	0.93	<1	31	24	6	5.07	0.04	1.95	300	<2	0.05	5	1630	2	<5	2	<10	28	0.14	82	<10	6	25	9
2V0235RJ	GR02-4	<0.2	2.18	<5	20	<0.5	<5	1.31	<1	32	30	532	4.61	0.02	2.62	480	<2	0.03	11	2420	<2	<5	2	<10	104	0.16	105	<10	2	43	5
2V0235RJ	GR02-5	<0.2	1.58	10	80	<0.5	<5	0.77	<1	18	21	33	5.36	0.1	1.79	460	<2	0.05	5	1910	<2	<5	2	<10	20	0.17	70	<10	7	46	7
2V0235RJ	GR02-6	<0.2	1.13	25	30	<0.5	<5	0.86	<1	17	97	127	2.74	0.08	1.14	395	<2	0.05	24	790	<2	<5	2	<10	34	0.2	61	<10	6	41	6
2V0235RJ	DLR1	7.2	0.82	130	10	<0.5	5	2.62	<1	39	95	6666	12.04	0.01	0.3	865	<2	0.01	92	6200	4	<5	1	<10	7	0.06	106	<10	7	69	11
2V0235RJ	GR02-7	1.4	0.72	820	10	<0.5	5	3.62	<1	41	114	790	5.88	<0.01	0.2	790	16	0.01	148	9030	2	<5	2	<10	12	0.05	86	<10	9	36	12
2V0235RJ	GR02-8	<0.2	0.82	80	30	<0.5	<5	1.71	<1	30	69	398	4.67	0.07	0.25	245	38	0.02	37	1170	<2	<5	1	<10	29	0.09	45	<10	5	29	6
2V0235RJ	GR02-9	1.4	0.23	<5	40	<0.5	5	0.8	<1	17	29	28	5.64	0.09	0.11	995	2	0.06	10	1400	6	<5	6	<10	47	<0.01	17	<10	7	34	6
2V0235RJ	GR02-10	0.2	1.62	15	70	<0.5	<5	1.11	<1	35	69	655	6.47	0.1	1.2	740	<2	0.02	15	2010	<2	<5	1	<10	75	0.13	43	<10	4	93	11
2V0235RJ	GR02-11	<0.2	1.37	<5	80	<0.5	5	0.74	<1	58	27	572	14.85	0.07	1.2	445	<2	0.01	20	1610	<2	<5	1	<10	14	0.24	164	10	2	85	11
2V0235RJ	GR02-13	<0.2	2.1	20	40	<0.5	<5	1.14	<1	24	29	200	5.1	0.08	2.13	825	<2	0.04	8	1340	<2	<5	5	<10	75	0.15	106	<10	4	72	5
2V0235RJ	GR02-14	<0.2	0.9	10	40	<0.5	<5	0.69	<1	6	82	16	1.42	0.03	0.82	155	<2	0.07	4	750	2	<5	1	<10	31	0.1	22	<10	3	20	5
2V0235RJ	GR02-15	<0.2	0.31	<5	10	<0.5	30	0.47	1	10	25	177	>15.00	0.01	0.32	355	<2	0.01	11	1010	<2	5	<1	<10	<1	0.04	163	10	<1	55	22
2V0235RJ	GR02-16	<0.2	0.81	<5	80	<0.5	5	5.39	<1	13	66	43	6.38	0.3	1.62	1160	<2	0.01	6	2010	4	<5	6	<10	310	<0.01	53	<10	8	68	4
2V0235RJ	GR02-17	<0.2	1.29	5	30	<0.5	<5	10.14	<1	26	51	93	4.94	0.15	0.95	1100	2	0.02	46	1110	4	<5	4	<10	107	0.11	77	<10	7	65	8
2V0235RJ	GR02-18	<0.2	1.01	15	40	<0.5	<5	7.8	<1	33	44	161	4.97	0.14	0.52	870	2	0.03	54	1540	6	<5	3	<10	57	0.19	76	<10	9	53	7
2V0235RJ	GR02-19	0.2	0.45	<5	300	<0.5	<5	2.2	<1	10	51	262	2.15	0.68	0.79	575	<2	0.06	21	1050	4	<5	3	<10	90	0.07	49	<10	15	51	11
2V0235RJ	GR02-20	1	0.34	10	80	0.5	<5	2.25	1	17	38	417	4.45	0.4	1.19	935	2	0.06	25	1300	110	115	9	<10	70	0.03	89	<10	11	126	14
2V0235RJ	GR02-21	>200.0	0.2	990	50	<0.5	235	3.33	53	13	40	>10000	4.71	0.27	0.73	985	22	0.04	9	4980	252	35	3	<10	206	0.04	59	<10	5	345	25
2V0235RJ	GR02-22	>200.0	0.28	<5	60	<0.5	275	0.93	8	7	75	>10000	2.81	0.36	0.24	215	<2	0.05	7	7330	540	<5	4	<10	50	0.05	39	<10	6	23	12
2V0235RJ	BL 3+90E	1.8	1.59	70	60	<0.5	30	4.63	<1	58	31	2374	>15.00	0.06	1.44	835	<2	0.02	21	2250	4	<5	3	<10	232	0.13	146	10	5	66	15
2V0235RJ	D24R	0.2	0.41	<5	30	<0.5	20	0.34	1	585	41	812	>15.00	0.33	0.26	130	32	0.03	28	920	<2	<5	1	<10	11	0.16	147	10	<1	27	17
2V0235RJ	D25	<0.2	0.26	40	50	<0.5	<5	1.62	<1	11	34	27	4	0.14	0.42	865	4	0.05	8	1170	6	<5	8	<10	53	0.02	54	<10	8	89	4
2V0235RJ	D25A	<0.2	0.93	30	50	<0.5	<5	0.78	<1	21	31	182	4.04	0.13	0.84	240	<2	0.03	14	1620	2	<5	1	<10	35	0.14	70	<10	6	50	4
2V0235RJ	DLRR 01	<0.2	1.66	75	20	<0.5	<5	0.82	<1	20	40	130	4.25	0.03	1.64	475	<2	0.03	8	1260	<2	<5	2	<10	58	0.24	104	<10	3	46	5
2V0235RJ	DLRR 02	<0.2	0.64	5	70	<0.5	10	3.8	<1	17	66	229	13.42	0.05	0.36	1035	<2	0.02	21	440	<2	<5	1	<10	<1	0.1	80	10	6	40	18
2V0235RJ	DLRR 08	0.8	1.33	5	20	<0.5	10	0.53	<1	276	65	4560	>15.00	0.01	1.45	585	<2	0.01	116	1390	<2	<5	1	<10	<1	0.17	333	20	1	202	17
2V0235RJ	DLRR 09	<0.2	0.22	<5	50	<0.5	<5	2.71	<1	14	32	95	4.48	0.14	0.7	865	<2	0.05	11	1630	4	<5	6	<10	221	<0.01	16	<10	8	71	4
2V0235RJ	DLRR 10	<0.2	0.4	<5	10	<0.5	10	0.36	1	114	44	3621	>15.00	0.02	0.5	190	<2	0.02	309	720	4	<5	<1	<10	<1	0.04	41	10	2	53	12
2V0235RJ	DLRR 12	0.2	0.24	15	100	<0.5	<5	0.31	<1	11	76	181	3.2	0.2	0.06	590	34	0.03	11	1140	10	<5	3	<10	12	0.01	17	<10	6	65	4
2V0235RJ	DLRR 15	<0.2	0.36	80	40	0.5	<5	5.54	<1	20	114	26	5.08	0.14	1.89	840	<2	0.02	54	1000	4	5	11	<10	446	<0.01	74	<10	5	47	5
2V0235RJ	DLWR 01	<0.2	0.16	<5	390	<0.5	<5	2.32	<1	17	52	11	4.22	0.04	0.94	815	<2	0.07	29	1590	4	<5	15	<10	297	0.02	97	<10	7	36	5
2V0235RJ	DLWR 02	4.6	0.43	150	10	<0.5	25	0.35	<1	178	156	13	>15.00	0.02	0.32	250	<2	0.01	13	260	102	<5	<1	<10	<1	<0.01	52	10	<1	43	13
2V0235RJ	DLWR 03	<0.2	1.04	<5	60	<0.5	<5	0.61	<1	21	40	7	3.39	0.07	1.27	330	<2	0.05	4	1510	2	<5	1	<10	34	0.11	38	<10	4	53	9
2V0235RJ	DLWR 04	1	0.86	35	30	<0.5	<5	0.99	<1	52	48	740	5.57	0.12	0.75	200	12	0.03	32	1600	8	<5	2	<10	34	0.12	73	<10	5	127	7
2V0235RJ	DLWR 06	<0.2	0.84	<5	40	<0.5	10	4.3	<1	49	86	303	14.35	0.03	0.46	1485	<2	0.01	20	280	<2	<5	1	<10	<1	0.06	142	10	9	49	21
2V0235RJ	DLWR 07	<0.2	1.18	<5	70	<0.5	<5	5.06	<1	21	23	23	4.44	0.09	1.29	770	<2	0.05	3	1640	10	<5	3	<10	271	<0.01	49	<10	7	111	6
2V0235RJ	DLWR 08	<0.2	1.39	<5	70	<0.5	<5	0.77	<1	17	42	59	4.95	0.1	1.78	335	<2	0.05	6	1550	6	<5	2	<10	45	0.18	82	<10	4	49	8
2V0235RJ	DLWR 09	0.2	0.09	<5	200	<0.5	<5	7.98	<1	25	77	149	5.39	0.08	3.49	1355	<2	0.03	50	930	4	<5	17	<10	312	0.02	56	<10	6	76	4
2V0235RJ	DLWR 10	4	0.63	110	30	<0.5	25	2.05	<1	199	51	6883	>15.00	0.12	0.17	725	<2	0.01	77	790	<2	<5	<1	<10	<1	0.04	81	30	7	94	26
2V0235RJ	DLWR 11	0.4	0.18	20	30	<0.5	5	5.15	<1	22	33	313	6.17	0.07	0.94	1140	<2	0.07	28	890	14	<5	11	<10	181	0.01	31	<10	4	99	9
2V0235RJ	DLWR 13	<0.2	0.86	5	60	<0.5	10	2.12	<1	20	65	283	13.75	0.04	0.63	1030	<2	0.03	13	590	<2	<5	1	<10	<1	0.12	96	10	4	81	20
2V0235RJ	DLWR 14	0.2	0.91	35	30	<0.5	<5	0.69	<1	19	46	415	4.67	0.05	0.79	220	<2	0.03	11	1820	<2	<5	1	<10	29	0.11	64	<10	3	32	8
2V0235RJ	DLWR 15	6	0.89	<5	20	<0.5	10	3.3	2	67	38	>10000	>15.00	0.02	0.39	2350	<2	0.02	40	1530	2	<5	1	<10	<1	0.07	117	20	5	615	27
2V0235RJ	DLWR 17	<0.2	0.35	<5	30	<0.5	20	1.18	1	104	17	752	>15.00	0.03	0.12	340	<2	0.01	119	550	8	<5	<1	<10	<1	0.04	50	10	2	39	18
2V0235RJ	DLWR 18	0.4	0.57	35	40	<0.5	5	2.38	<1	27	53	697	8.64	0.11	0.35	340	2	0.01	54	1350	4	<5	1	<10	4	0.06	205	10	4	20	18
2V0235RJ	DLWR 19	<0.2	1.21	5	30	<0.5	5	0.83	<1	24	290	783	10.49	0.08	1.15	315	18	0.01	80	4080	8	5	2	<10	11	0.11	213	10	16	44	35
2V0235RJ	DLWR 20	<0.2	0.42	<5	30	<0.5	10	1.12	<1	287	30	988	14.55	0.06	0.14	510	<2	0.01	56	640	4	<5	<1	<10	<1	0.06	42	10	1	42	15
2V0235RJ	DLWR 21	0.2	0.28	5	110	0.5	<5	3.01	<1	20	91	110	4.55	0.22	1.93	1285	<2	0.04	68	1290	6	5	11	<10	286	<0.01	41	10	5	62	5
2V0235RJ	DLWR 22	<0.2	0.2	20	50	<0.5	5	0.47	<1	7	47	18	3.05	0.13	0.06	655	4	0.04	6	920	6	<5	4	<10	10	0.02	42	10	7	133	7
2V0235RJ	DLWR 24	0.2	0.13	15	40	<0.5	<5	5.32	<1	20	33	145	5.08	0.05	1.96	1260	2	0.04	56	740	4	<5	13	<10	141	<0.01	20	<10	5	97	5
2V0235RJ	DLWR 25	<0.2	0.75	65	90	<0.5	<5	7.56	<1	13	33	54	5.27	0.17	0.7	1195	2	0.03	16	2210	6	<5	3	<10	398	0.01	98	<10	9	68	14
2V0235RJ	DLWR 26	<0.2	0.95	5	70	<0.5	<5	2.02	<1	22	39	59	5.16	0.13	0.26	140	2	0.02	24	1950	6	<5	1	<10	100	0.09	44	<10	4	16	7
2V0235RJ	DLWR 27	<0.2	0.17	10	20	<0.5	<5	4.62	<1	16	48	64	3.56	0.13	2.12	845	<2	0.03	44	1270	6	<5	9	<10	344	<0.01	19	<10	5	70	4
2V0235RJ	L4E 0+42S	<0.2	0.95	5	80	<0.5	20	2.95	<1	109	11	1257	>15.00	0.22	0.91	680	<2	0.01	14	1400	<2	5	2	<10	19	0.08	168	10	3	86	17
2V0235RJ	L4E 0+49N	<0.2	0.22	<5	30	<0.5	<5	2.4	<1	6	34	47	2.16	0.15	0.14	675	<2	0.04	4	730	6	<5	1	<10	145	<0.01	9	<10	5	68	11
2V0235RJ	L4E 0+55N	0.4	1.18	5	60	<0.5	5	4.38	<1	25	54	269	8.4	0.05	0.73	1060	<2	0.01	14	990	4	<5	1	<10	2	0.06	44	10	9	76	18
2V0235RJ	L4E 0+56N	0.2	1.34	<5	50	<0.5	5	5.4	<1	15	83	214	9.61	0.06	0.74	1375	<2	0.02	30	770	12	<5	3	<10	<1	0.08	67	10	7	115	18
2V0235RJ	L4E 0+97N	<0.2	1.77	<5	30	<0.5	<5	0.66	<1	26	23	52	6.07	0.09	2.23	450	<2	0.02	5	690	<2	<5	2	<10	37	0.32	121	<10	1	52	5
2V0235RJ	L6E 3+50S	<0.2	2.04	20	10	<0.5	<5	0.58	<1	14	45	99	5	0.06	2.65	435	<2	0.01	4	1090	<2	<5	3	<10	43	0.31	156	<10	1	45	5
2V0235RJ	L7+75E 4+80S	<0.2	2.43	15	10	<0.5	5	3.7	4	18	112	194	3.53	0.02	0.09	50	98	0.01	124	2080	4	<5	5	<10	9	0.09	192	20	9	1051	18
2V0235RJ	L8E 4+23S	<0.2	0.14	<5	270	0.5	<5	4.71	<1	18	23	6	5.43	0.12	2.26	915	<2	0.02	40	1040	4	<5	16	<10	109	<0.01	55	<10	6	58	5
2V0235RJ	LBL-7E 1+75S	0.2	0.35	35	40	<0.5	<5	0.64	<1	10	59	99	2.28	0.1	0.04	30	<2	0.04	8	830	6	<5	1	<10	34	0.07	21	<10	3	19	3

		Geochem	Geochem	Geochem	Geochem	Geochem	Geochem	Geochem	Geochem
Certificate	Sample	Au	Au	Pt	Pt	Pd	Pd	Ag	Cu
Number	Name	ppb	g/tonne	ppb	ppb	ppb	ppb	g/tonne	%
2V0235RG	GR02-1	4							
2V0235RG	GR02-2	9							
2V0235RG	GR02-3	5							
2V0235RG	GR02-4	7							
2V0235RG	GR02-5	15							
2V0235RG	GR02-6	9							
2V0235RG	DLR1	49							
2V0235RG	GR02-7	17							
2V0235RG	GR02-8	21							
2V0235RG	GR02-9	312							
2V0235RG	GR02-10	41							
2V0235RG	GR02-11	120							
2V0235RG	GR02-13	6							
2V0235RG	GR02-14	3							
2V0235RG	GR02-15	10							
2V0235RG	GR02-16	17							
2V0235RG	GR02-17	2		6		<5			
2V0235RG	GR02-18	1		7		5			
2V0235RG	GR02-19	2		7		5			
2V0235RG	GR02-20	25		13	<5	<5	<5		
2V0235RG	GR02-21	136		560	551	42	5	5.38	264
2V0235RG	GR02-22	1295	1.38	29		53		7.691	317
2V0235RG	BL 3+90E	115							
2V0235RG	D24R	274							
2V0235RG	*DUP GR02-21							5.37	261
2V0235RG	*MP-1a (1/5)							0.289	14.2
2V0235RG	*96-8	380							
2V0235RG	*01-01			468		544			
2V0235RG	*Blank	1		<5		<5		<0.001	<0.1
2V0235RG	D25	263							
2V0235RG	D25A	2							
2V0235RG	DLRR 01	3							
2V0235RG	DLRR 02	121							
2V0235RG	DLRR 08	175							

2V0235RG	DLRR 09	249		
2V0235RG	DLRR 10	53		
2V0235RG	DLRR 11 Missing			
2V0235RG	DLRR 12	50		
2V0235RG	DLRR 15	76		
2V0235RG	DLWR 01	2		
2V0235RG	DLWR 02	510		
2V0235RG	DLWR 03	2		
2V0235RG	DLWR 04	15		
2V0235RG	DLWR 06	229		
2V0235RG	DLWR 07	18		
2V0235RG	DLWR 08	3		
2V0235RG	DLWR 09	38		
2V0235RG	DLWR 10	692	0.88	
2V0235RG	DLWR 11	107		
2V0235RG	DLWR 13	161		
2V0235RG	DLWR 14	25		
2V0235RG	DLWR 15	229		1.09
2V0235RG	DLWR 17	140		
2V0235RG	*DUP DLWR 15			1.09
2V0235RG	*96-8	406		
2V0235RG	*Blank	2		
2V0235RG	LBL-7E 1+75S	1		
2V0235RG	*96-8			
2V0235RG	*Blank			

Certificate Number	Sample Name	ICP Au ppb	ICP Ag ppm	ICP Al %	ICP As ppm	ICP Ba ppm	ICP Be ppm	ICP Bi ppm	ICP Ca %	ICP Cd ppm	ICP Co ppm	ICP Cr ppm	ICP Cu ppm	ICP Fe %	ICP K %	ICP Mg %	ICP Mn ppm	ICP Mo ppm	ICP Na %	ICP Ni ppm	ICP P ppm	ICP Pb ppm	ICP Sb ppm	ICP Sc ppm	ICP Sn ppm	ICP Sr ppm	ICP Ti %	ICP V ppm	ICP W ppm	ICP Y ppm
2V0241RJ	GR02-23	3	<0.2	0.25	15	30	<0.5	<5	0.03	<1	1	103	6	1.33	0.11	0.09	85	4	0.03	4	140	10	<5	1	<10	12	0.02	7	<10	4
2V0241RJ	GR02-24	26	0.8	1.25	5	110	<0.5	<5	0.6	<1	25	101	101	5.07	0.93	1.71	675	<2	0.04	33	740	8	<5	2	<10	33	0.14	97	10	4
2V0241RJ	GR02-25	2500	110	1.48	175	90	<0.5	15	3.68	>100	7	97	162	10.08	0.46	0.77	>10000	<2	0.02	22	760	>10000	60	4	<10	207	0.04	54	920	11
2V0241RJ	GR02-26	10	0.4	0.32	20	80	<0.5	<5	0.29	<1	3	123	4	1.63	0.16	0.24	625	4	0.05	6	220	124	<5	2	<10	24	0.05	21	10	8
2V0241RJ	GR02-27	7	0.8	0.68	<5	100	<0.5	<5	0.44	<1	32	55	105	4.35	0.12	0.59	125	<2	0.04	47	820	14	<5	1	<10	76	0.12	33	<10	2
2V0241RJ	GR02-28	14	0.8	0.51	10	40	<0.5	<5	0.48	<1	15	33	34	3.96	0.09	0.19	90	6	0.04	10	1060	18	<5	1	<10	25	0.1	34	<10	4
2V0241RJ	GR02-29	12	0.6	0.48	45	60	<0.5	<5	0.48	<1	14	36	38	3.3	0.1	0.18	85	2	0.04	8	1050	12	<5	1	<10	33	0.12	32	<10	5
2V0241RJ	GR02-30	60	0.2	0.32	<5	120	0.5	<5	2.5	<1	15	27	18	3.99	0.28	0.66	1130	<2	0.02	9	1180	6	5	4	<10	131	<0.01	16	<10	7
2V0241RJ	DLRR-16	70	0.2	0.24	25	50	0.5	<5	4.04	<1	28	12	60	4.56	0.29	1.85	1085	<2	0.02	26	660	6	<5	12	<10	146	<0.01	26	<10	4
2V0241RG	*96-8	396																												
2V0241RG	*Blank	1																												

ICP Zn ppm	ICP Zr ppm
15	11
95	4
>10000	8
191	8
65	3
57	6
56	7
40	8
50	3

APPENDIX B

ANALYTICAL METHODS

ASSAYERS CANADA

8282 Sherbrooke Street,
Vancouver, B.C.
Canada V5X 4R6
Tel: 604 327-3436
Fax: 604 327-3423

Procedure Summary:

Gold (Au) Geochemical Analysis

Element(s) Analyzed:

Gold (Au)

Procedure:

Samples are dried at 65°C. Rock & core samples are crushed with a jaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to 1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 gram sub-sample. This sub-sample is then pulverized on a ring pulverizer to 95% - 150 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Soil and stream sediment samples are screened to - 80 mesh for analysis.

The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

A minimum of 10% of all assays are rechecked, then reported in parts per billion (ppb). The detection limit is 1 ppb.

ASSAYERS CANADA

8282 Sherbrooke Street,
Vancouver, B.C.
Canada V5X 4R6
Tel: 604 327-3436
Fax: 604 327-3423

Procedure Summary:

30 Element Aqua Regia Leach ICP-AES Analysis

Elements Analyzed:

Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Sr, Th, Ti, U, W, Zn

Procedure:

0.500 grams of the sample pulp is digested for 2 hours at 95°C with an 1:3:4 HNO_3:HCl:H_2O mixture. After cooling, the sample is diluted to standard volume.

The solutions are analyzed by Perkin Elmer Optima 3000 Inductively Coupled Plasma spectrophotometers using standardized operating conditions.

APPENDIX C

ROCK SAMPLE PHOTOGRAPHS AND DESCRIPTIONS

Photo 1. Rio Showing – Outcrop of pyritic SCF alteration cut by thin quartz veins (G. Ray)

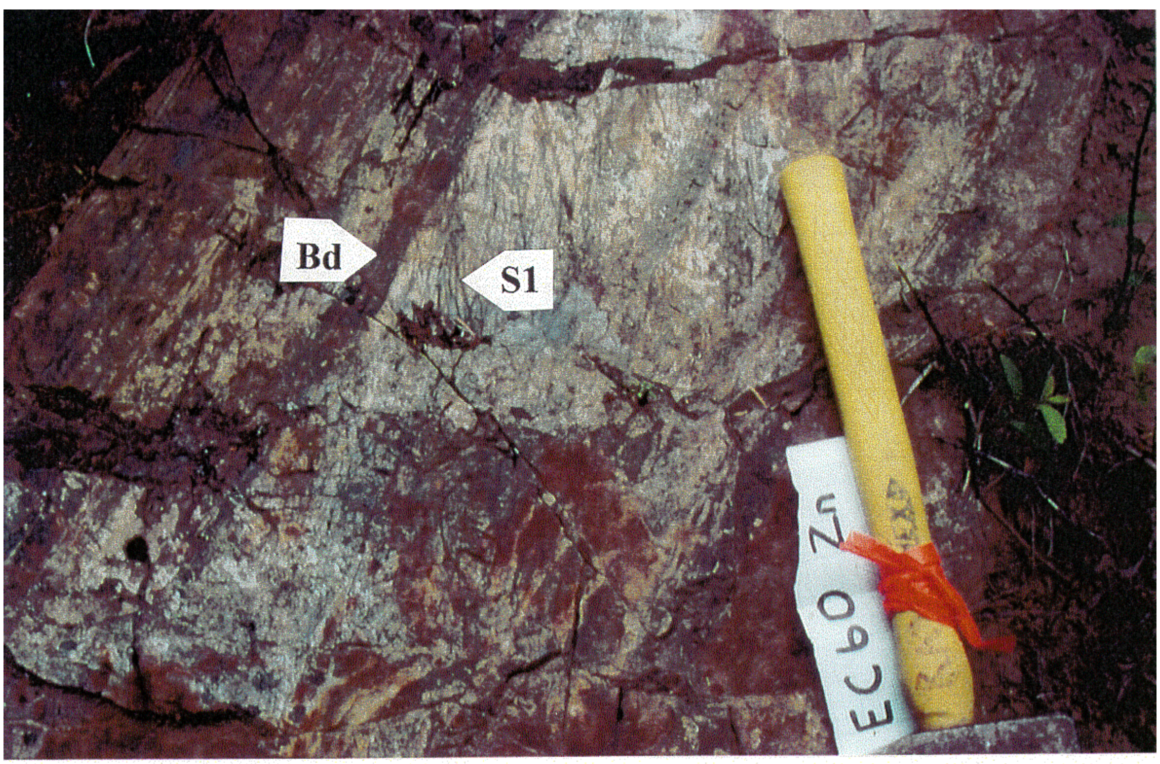


Photo 2. EC 60 Showing – Bedded siltstone and argillite (Bd) cut by sub-vertical fracture cleavage (S1) (G. Ray)

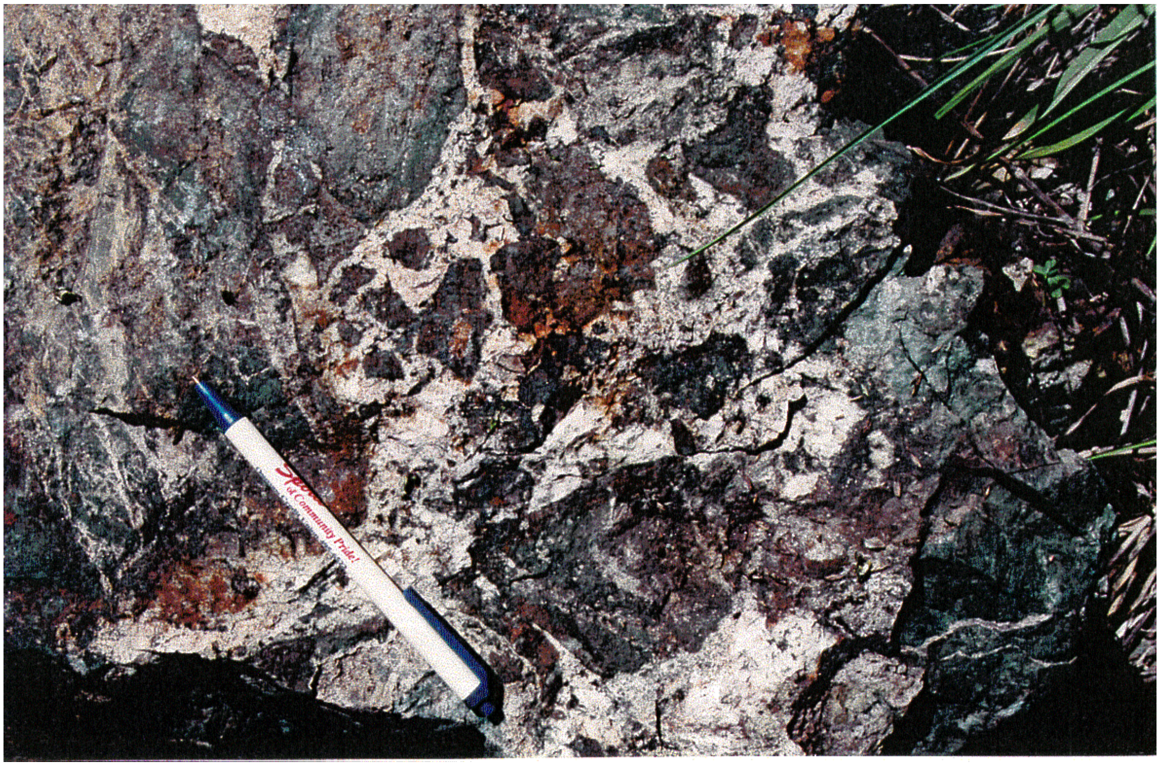


Photo 3. Creek Showing – Hydrothermal breccia? Clasts of mafic pyroxene-chlorite skarn held in a quartz-feldspar matrix. (G. Ray)

Photo 4 Felsic intrusive float cut by carbonate-quartz vein (Hook Lake Grid). Sample 931729 assayed 20.7 g/tonne Au.

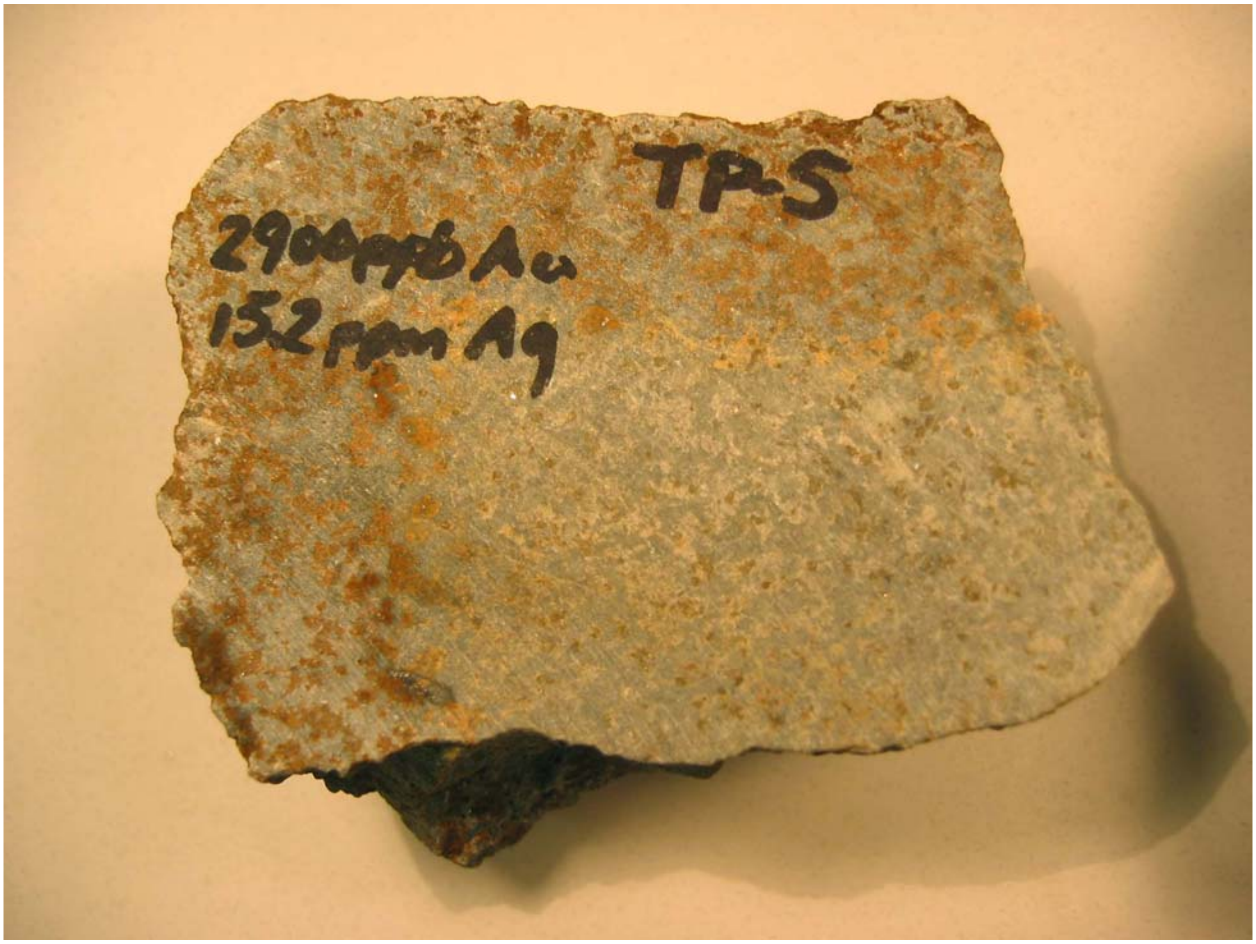


Photo 5. Felsic intrusive float 1.4 km SE of Deer Lake property. (W. Gruenwald)

DEER LAKE ROCK SAMPLES (GEOQUEST) - 2002

Sample No.	Area	Grid Co-ords	UTM Co-ords (Nad 27) Easting	Northing	Description	Au	Ag	Cu	Co	Pb	Zn
B/L 3+90E	Hook Lake Grid	B/L 3+90E	N/A	N/A	Sample of dump material from small shaft - abundant mag,py local cpy	***115***	1.8	***2374***	58	4	66
D24	SE Area	N/A	685957	5707831	Sample of semi massive py-mag skarn float near IP for DL 1 claim	***274***	0.2	***812***	***585***	<2	27
D25	Hwy 24	N/A	682855	5708292	Sample of felsic intrusive float along Hwy 24 near Taweel Junction- composite along 110m	***263***	<0.2	27	11	6	89
D25A	Hwy 24	N/A	682743	5708286	Sample of alt'd intrusive float along Hwy 24 near Taweel Junction. Dissem po	2	<0.2	182	21	2	50
DLRR-01	Hook Lake Grid	L0;3+25N	682585	5711956	Rio W extension?- Sample of limonitic diorite subcrop with dissem. pyrite	3	<0.2	130	20	<2	46
DLRR-02	Hook Lake Grid	L0;3+25N	682585	5711956	Rio W extension?- Sample of garnet-px-magnetite-py skarn subcrop	***121***	<0.2	229	17	<2	40
DLRR-08	Laurel Lk Road	N/A	682944	5710547	Laurel Main - Float specimen of intrusive with semi massive mag, py minor cpy	***175***	0.8	***4560***	***276***	<2	***202***
DLRR-09	Laurel Lk Road	N/A	682925	5710547	Laurel Main - Angular float - silic, qtz veined alt'd intrusive similar to Rio. 1% py,tr hem	***249***	<0.2	95	14	4	71
DLRR-10	Laurel Lk Road	N/A	682890	5710478	Laurel Main - Sample of semi massive po,py,cpy float bldr	53	<0.2	***3621***	114	4	53
DLRR-12	Bonnie Grid	LBL 4E;4+25S			Specimen of numerous pieces of subangular float of felsic intrusive (Rio?) in clearcut	50	0.2	181	11	10	65
DLRR-15	Bonnie Grid	N/A			Sample 0.4m sub ang float bldr.Qtz stockwork, diss py.33m@100deg from 4E 3+75S	76	<0.2	26	20	4	47
DLWR 01	Hook Lake Grid	6E; 3+92N			Sample of 25 cm subangular float V rusty, silicified 1-2%.	2	<0.2	11	17	4	36
DLWR 02	Hook Lake Grid	6E;2+60N			Sample of subang semi massive py vein material	***510***	***4.6***	13	***178***	***102***	43
DLWR 03	Hook Lake Grid	6+05E;0+05S			Sample of float - pale green felsic intrusive with 2-3% py	2	<0.2	7	21	2	53
DLWR 04	Hook Lake Grid	6E;2+68S			Sample of rusty 40cm bldr of grey, siliceous intrusive with locally abundant pyrite	15	1	***740***	52	8	127
DLWR 06	Hook Lake Grid	L 4E area			Sample of garnet-magnetite float boulder (0.4m). Minor cpy, malachite. 2m from above	***229***	<0.2	***303***	49	<2	49
DLWR 07	Hook Lake Grid	4E;2+50N			Sample of silicified, bleached diorite with 5% dissem py	18	<0.2	23	21	10	111
DLWR 08	Hook Lake Grid	4E;4+25N			Sample (composite) of alt'd intrusive angular float with abundant dissem py (3-5%). Trace mal	3	<0.2	59	17	6	49
DLWR 09	Hook Lake Grid	N/A	682748	5711919	**Rio Showing** - rusty,silic,stockwork veined, locally bx'd felsic outcrop. Dissem py, hem.Tr cpy	38	0.2	149	25	4	76
DLWR 10	Hook Lake Grid	N/A	682716	5711915	Sample of subrounded float cobble (20 cm) - semi massive po,py,minor cpy. On top of Rio zone	***692***	***4***	***6883***	***199***	<2	94
DLWR 11	Hook Lake Grid	N/A	682695	5711924	**Rio Showing** - rusty,silic,stockwork veined, locally bx'd felsic outcrop. Dissem py, hem.Tr cpy	***107***	0.4	***313***	22	14	99
DLWR 13	Hook Lake Grid	N/A	682669	5711949	**Rio Showing** - rusty,silic,stockwork veined, locally bx'd felsic outcrop. Dissem py, hem.Tr cpy	***161***	<0.2	***283***	20	<2	81
DLWR 14	Hook Lake Grid	N/A	682505	5711976	Alt'd, limonitic diorite with 3%+ dissem. pyrite. West of L0 3+25N	25	0.2	***415***	19	<2	32
DLWR 15	Hook Lake Grid	N/A	682556	5711294	Float 25cm massive magnetite,mod cpy	***229***	***6***	***>10000***	67	2	***615***
DLWR 17	Laurel Lk Road	N/A	683209	5710696	Sample of float (20 cm),subrounded massive f.g py,po,cpy	***140***	<0.2	***752***	***104***	8	39
DLWR 18	Laurel Lk Road	N/A	683226	5710708	Sample of angular intermediate intrusive,skarnified? Dissem py,minor cpy,mal	***173***	0.4	***697***	27	4	20
DLWR 19	Laurel Lk Road	N/A	683326	5710746	Sample - Ferricrete colour anomaly in clearcut,altd intermed intrusive	***102***	<0.2	***783***	24	8	44
DLWR 20	Laurel Lk Road	N/A	683509	5709698	Sample of 4 subrounded bldrs (0.15-0.5m) sulpide rich skarn (po,py,cpy).End of Laurel Main Rd	***234***	<0.2	***988***	***287***	4	42
DLWR 21	Hook Lake Grid	N/A	682812	5711904	Sample of float (Rio) ~30m @ 100deg from 2E;2+75E	48	0.2	110	20	6	62
DLWR 22	Bonnie Lake Rd	N/A	681600	5708262	Sample - subrd to sub ang float pieces to.25m with diss py,hematite.	***144***	<0.2	18	7	6	133
DLWR 24	Hook Lake Grid	N/A	682719	5711924	**Rio Showing** sample - between DLWR-09 and 11	***521***	0.2	145	20	4	97
DLWR 25	Hook Lake Grid	6W;2+75N	681980	5711892	Sample of limonitic zone near limestone-intrusive contact at south end of long trench	38	<0.2	54	13	6	68
DLWR 26	Hook Lake Grid	6W;2+00N	N/A	N/A	Specimen from soil pit - very angular float chips of felsic pyritic rock	9	<0.2	59	22	6	16
DLWR 27	Hook Lake Grid	L0;1+45N	N/A	N/A	Composite of several large transported limonitic and siliceous boulders similar to the Rio showing	42	<0.2	64	16	6	70
L4E 0+42S	Hook Lake Grid	YES	N/A	N/A	Sample of massive to semi-massive mag-py in chloritic alt'd diorite from dump at end of trench	75	<0.2	***1257***	***109***	<2	86
L4E 0+49N	Hook Lake Grid	YES	N/A	N/A	Sample of pinkish siliceous alt'd intrusive with thin qtz veinlets and dissem pyrite (Rio?)	2	<0.2	47	6	6	68
L4E 0+55N	Hook Lake Grid	YES	N/A	N/A	Specimen of chl-ep alt'd intrusive with 1-2% py, Trace malachite	17	0.4	***269***	25	4	76
L4E 0+56N	Hook Lake Grid	YES	N/A	N/A	Sample of angular float (subcrop) garnet-px diorite endoskarn?	16	0.2	***214***	15	12	115
L4E 0+97N	Hook Lake Grid	YES	N/A	N/A	Sample of float - strongly limonitic diorite	12	<0.2	52	26	<2	52
L6E 3+50S	Hook Lake Grid	YES	N/A	N/A	Sample of limonitic, f.g intrusive with dissem pyrite	7	<0.2	99	14	<2	45
L7+75E 4+80S	Hook Lake Grid	YES	N/A	N/A	Strongly limonitic green volcanic with 1-2% py	8	<0.2	194	18	4	***1051***
L8E 4+23S	Hook Lake Grid	YES	N/A	N/A	Float.	1	<0.2	6	18	4	58
LBL-7E 1+75S	Bonnie Grid	YES	N/A	N/A	Sample of 25 cm subangular alt'd intrusive float with dissem po.	1	0.2	99	10	6	19

APPENDIX D

GEOPHYSICAL DATA
AND
INSTRUMENTATION

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
7+75W	5+00S	56833	-8		1	
7+75W	4+75S	56921	-5		-2	
7+75W	4+50S	56977	-7	-3	-5	
7+75W	4+25S	56884	-3	-12	-4	
7+75W	4+00S	56800	3	-19	-2	
7+75W	3+75S	56874	6	-11	0	
7+75W	3+50S	56902	5	1	0	
7+75W	3+25S	56943	3	8	2	
7+75W	3+00S	56906	0	5	-5	
7+75W	2+75S	56884	3	-4	0	
7+75W	2+50S	56905	4	-2	0	
7+75W	2+25S	56967	1	3	1	
7+75W	2+00S	56914	3	-3	2	
7+75W	1+75S	56993	5	-9	4	
7+75W	1+50S	56972	8	-5	8	
7+75W	1+25S	57023	5	3	4	
7+75W	1+00S	57015	5	-1	0	
7+75W	0+75S	57056	9	-8	2	
7+75W	0+50S	57034	9	-5	2	
7+75W	0+25S	57106	10	-4	0	
7+75W	B/L	57092	12	-2	2	
7+75W	0+25N	57123	9	5	-2	
7+75W	0+50N	57146	8	9	-4	
7+75W	0+75N	57160	4	9	3	
7+75W	1+00N	57155	4	6	3	
7+75W	1+25N	57161	2	7	2	
7+75W	1+50N	57145	-1	11	3	
7+75W	1+75N	57131	-4	11	0	
7+75W	2+00N	57134	-6	7	4	
7+75W	2+25N	57158	-6	6	2	
7+75W	2+50N	57158	-10	8	-2	
7+75W	2+75N	57132	-10	3	-4	
7+75W	3+00N	57134	-9	-7	-4	
7+75W	3+25N	57175	-4	-12	-8	
7+75W	3+50N	57163	-3	-13	-8	
7+75W	3+75N	57193	3		-6	
7+75W	4+00N					Lake

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-6W	5+00S					Iron Lake
L-6W	4+75S					Iron Lake
L-6W	4+50S					Iron Lake
L-6W	4+25S					Iron Lake
L-6W	4+00S					Iron Lake
L-6W	3+75S					Iron Lake
L-6W	3+50S					Iron Lake
L-6W	3+25S					Iron Lake
L-6W	3+00S	56961				Iron Lake
L-6W	2+75S	57003	3		-2	
L-6W	2+50S	57028	3		2	
L-6W	2+25S	57027	2	1	2	
L-6W	2+00S	57040	3	-1	5	
L-6W	1+75S	57030	3	-1	2	
L-6W	1+50S	57020	3	0	-2	
L-6W	1+25S	57061	3	-1	4	
L-6W	1+00S	57069	4	-5	-5	
L-6W	0+75S	57102	7	-5	2	
L-6W	0+50S	57153	5	1	-2	
L-6W	0+25S	57109	5	1	0	
L-6W	B/L	57160	6	-1	2	
L-6W	0+25N	57148	5	0	6	
L-6W	0+50N	57150	6	0	2	
L-6W	0+75N	57145	5	4	4	
L-6W	1+00N	57166	2	10	8	
L-6W	1+25N	57138	-1	16	6	
L-6W	1+50N	57141	-8	19	2	
L-6W	1+75N	57122	-10	17	5	
L-6W	2+00N	57116	-16	8	0	
L-6W	2+25N	57192	-10	-9	0	
L-6W	2+50N	57092	-7	-17	-2	
L-6W	2+75N	56975	-2	-17	-4	
L-6W	2+82.5N	57909				
L-6W	3+00N	57317	2	-13	-2	
L-6W	3+25N	57292	2	-4	-2	
L-6W	3+50N	57290	2	2	0	
L-6W	3+75N	57560	0	8	2	
L-6W	4+00N	57761	-4	11	0	
L-6W	4+25N	57634	-5	7	0	
L-6W	4+37.5N	58592				
L-6W	4+50N	59540	-6	3	0	
L-6W	4+62.5N	57893				
L-6W	4+75N	57870	-6	5	-2	
L-6W	4+82.5N	57521				
L-6W	5+00N	57250	-10	8	-2	
L-6W	5+25N	57140	-10	1	-2	
L-6W	5+50N	57130	-7	-8	-2	
L-6W	5+75N	57073	-5	-10	0	
L-6W	6+00N	57284	-2	-7	6	
L-6W	6+25N	57197	-3	-4	-2	
L-6W	6+50N	57318	0	-5	0	outcrop area
L-6W	6+75N	57408	0	-7	-2	
L-6W	7+00N	57426	4	-4	5	On moderate sourh slope
L-6W	7+25N	57606	0	7	-2	
L-6W	7+50N	57371	-3	8	-2	
L-6W	7+75N	57325	-1	-1	4	
L-6W	8+00N	57357	-1	0	0	
L-6W	8+25N	57335	-3	4	2	
L-6W	8+50N	57525	-3	1	-2	
L-6W	8+75N	57391	-2	-3	2	
L-6W	9+00N	57325	-1	-2	1	
L-6W	9+25N	57284	-2	1	2	
L-6W	9+50N	57389	-2	0	1	
L-6W	9+75N	57408	-1	-1	-2	
L-6W	10+00N	57206	-2	-2	0	Jun 23/02 3:50PM
L-6W	10+25N	57320	1	-2	2	
L-6W	10+50N	57227	-2	1	3	
L-6W	10+75N	57402	0	-2	4	
L-6W	11+00N	57303	1	-2	2	E of small elongate pond line
L-6W	11+25N	57383	-1	3	2	
L-6W	11+50N	57328	-1	1	0	
L-6W	11+75N	57369	0	-1	4	
L-6W	12+00N	57451	-1	3	2	
L-6W	12+25N	57501	-3	9	0	
L-6W	12+50N	57480	-7	8	-2	
L-6W	12+75N	57667	-5	-2	-4	
L-6W	12+82.5N	57254				
L-6W	13+00N	57773	-3	-6	-5	
L-6W	13+12.5N	57254				
L-6W	13+25N	57323	-3	-3	-4	
L-6W	13+50N	57408	-2	-4	-4	
L-6W	13+75N	57382	0	-11	-4	
L-6W	14+00N	57367	6	-8	0	~10m W of pond
L-6W	14+25N	57444	0	6	-6	
L-6W	14+50N	57445	0	11	-11	
L-6W	14+75N	57466	-5	7	-16	
L-6W	15+00N	57480	-2	-3	-14	
L-6W	15+25N	57613	0	1	-10	
L-6W	15+50N	57339	-8		-8	

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-4W	5+00S	56880	-7		-3	June 23/02 6:15PM
L-4W	4+75S	56961	-4		0	
L-4W	4+50S	56917	2	-6	6	
L-4W	4+25S	56943	-7	14	-3	
L-4W	4+00S	56953	-9	9	-6	
L-4W	3+75S	56993	-5	-10	5	
L-4W	3+50S	57022	-1	-13	1	
L-4W	3+25S	57030	0	-10	-2	
L-4W	3+00S	57038	4	-12	0	
L-4W	2+75S	56982	7	-8	-2	
L-4W	2+50S	57019	5	0	2	
L-4W	2+25S	57062	6	-4	-4	
L-4W	2+00S	57160	10	-9	0	
L-4W	1+75S	57063	10	-4	0	
L-4W	1+50S	57100	10	-1	-2	
L-4W	1+25S		11	4	-2	
L-4W	1+00S	57150	5	12	-2	
L-4W	0+75S	57144	4	11	2	
L-4W	0+50S	57149	1	7	-3	
L-4W	0+25S	57179	1	3	2	June 23/02 5:55PM
L-4W	B/L	57210	1	6	5	
L-4W	0+25N	57120	-5	12	0	
L-4W	0+50N	57170	-5	3	1	
L-4W	0+75N	57186	-2	-6	4	
L-4W	1+00N	57158	-2	-5	0	
L-4W	1+25N	57149	0	-3	3	
L-4W	1+50N	56786	-1	3	2	
L-4W	1+62.5N	56989				
L-4W	1+75N	56920	-4	9	-2	
L-4W	2+00N	57183	-6	8	-8	
L-4W	2+25N	57143	-7	3	-6	
L-4W	2+50N	57122	-6	-6	-6	
L-4W	2+75N	57035	-1	-16	0	
L-4W	3+00N	57207	4	-13	0	
L-4W	3+25N	57281	2	1	0	
L-4W	3+37.5N	57350				
L-4W	3+50N	57666	0	10	0	
L-4W	3+62.5N	58549				
L-4W	3+75N	60456	-4	15	-2	
L-4W	3+82.5N	60821				
L-4W	4+00N	57157	-9	11	-3	
L-4W	4+12.5N	56809				
L-4W	4+25N	56865	-6	-8	0	
L-4W	4+50N	56928	1		6	
L-4W	4+75N					Pauline Lake

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-4W	5+00N					Pauline Lake
L-4W	5+25N					Pauline Lake
L-4W	5+50N	57293	-9		3	
L-4W	5+75N	57385	-6		4	
L-4W	6+00N	57372	-6	-1	4	
L-4W	6+25N	57235	-8	2	-1	
L-4W	6+50N	57291	-6	-4	-2	
L-4W	6+75N	57367	-4	-7	2	
L-4W	7+00N	57300	-3	-7	4	
L-4W	7+25N	57240	0		4	
L-4W	7+50N					Creek from Deer Lake to Pauline Lake
L-4W	7+75N	57296	-1		0	
L-4W	8+00N	57282	-3		0	
L-4W	8+25N	57279	2	-8	4	
L-4W	8+50N	57288	2	-4	6	
L-4W	8+75N	57351	1	6	1	
L-4W	9+00N	57322	-3	10	0	
L-4W	9+25N	57272	-4	6	0	
L-4W	9+50N	57281	-4	1	1	
L-4W	9+75N	57437	-4	1	3	
L-4W	10+00N	57338	-5		2	Jun3 23/02 2:40PM

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-2W	5+00S	56880	6		4	
L-2W	4+75S	56897	10		4	South end of bog @4+90
L-2W	4+50S	56916	10	5	2	Bog
L-2W	4+25S	56898	1	20	-1	
L-2W	4+00S	56990	-1	7	-2	North ede of swamp
L-2W	3+75S	57020	5	-5	-1	
L-2W	3+50S	56979	0	1	-2	
L-2W	3+25S	56980	3	-3	-2	
L-2W	3+00S	57007	5	-3	-2	
L-2W	2+75S	56998	1	12	0	
L-2W	2+50S	57050	-5	18	-4	June 23/02 12:19PM
L-2W	2+25S	57057	-7	5	-6	
L-2W	2+00S	57070	-2	-10	-3	
L-2W	1+75S	56907	0	-11	-4	
L-2W	1+50S	56992	2	-7	0	
L-2W	1+25S	57099	3	-3	0	
L-2W	1+00S	57079	2	-4	-2	
L-2W	0+75S	57071	7	-10	0	
L-2W	0+50S	57101	8	-5	4	
L-2W	0+25S	57129	6	8	2	
L-2W	B/L	57153	1	14	0	
L-2W	0+12.5N	57648				
L-2W	0+25N	57317	-1	10	-2	
L-2W	0+50N	57213	-2	2	0	
L-2W	0+62.5N	56990				
L-2W	0+75N	57164	0	-3	0	
L-2W	1+00N	57255	0	-3	-4	
L-2W	1+25N	57130	1	-3	-10	
L-2W	1+50N	57232	2	-1	-4	
L-2W	1+75N	57280	0	3	-6	
L-2W	2+00N	57420	0	-2	-10	
L-2W	2+12.5N	58062				
L-2W	2+25N	60526	4	-7	-7	
L-2W	2+37.5N	59210				
L-2W	2+50N	56690	5	-5	-5	
L-2W	2+75N	57110	4	0	-8	Small wet area
L-2W	3+00N	57227	5	7	-4	
L-2W	3+25N	57169	-3	26	-8	
L-2W	3+50N	57049	-14	27	-9	
L-2W	3+75N	57215	-11	-1	-9	
L-2W	4+00N	57183	-5	-20	-4	
L-2W	4+25N	57240	0	-19	0	
L-2W	4+50N	57288	3	-18	4	
L-2W	4+75N	57179	10		8	
L-2W	5+00N					Pauline Lake

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-2W	5+25N					Pauline Lake
L-2W	5+50N					Pauline Lake
L-2W	5+75N					Pauline Lake
L-2W	6+00N					Pauline Lake
L-2W	6+25N					Pauline Lake
L-2W	6+50N					Pauline Lake
L-2W	6+75N					Pauline Lake
L-2W	7+00N					Pauline Lake
L-2W	7+25N					Pauline Lake
L-2W	7+50N					Pauline Lake
L-2W	7+75N	57242	-15		-10	North edge of Pauline Lake
L-2W	8+00N	57298	-5		0	
L-2W	8+25N	57359	-6	-6	-5	
L-2W	8+50N	57321	-8	3	-4	June 23/02 11:25AM
L-2W	8+75N	57312	-6	-4	-4	
L-2W	9+00N	57225	-4	-11	-2	
L-2W	9+25N	57257	1	-16	-2	
L-2W	9+50N	57253	5		6	
L-2W	9+60N					Lake

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-0	5+00S	56800	-2		-8	
L-0	4+75S	56949	0		-3	
L-0	4+50S	56970	-1	-3	-1	
L-0	4+25S	56948	2	-7	-2	
L-0	4+00S	56968	4	-13	-5	
L-0	3+75S	56979	10	-17	0	
L-0	3+50S	56940	13	-1	4	
L-0	3+25S	56967	2	25	-5	
L-0	3+00S	56995	-4	16	-5	
L-0	2+75S	57004	3	-9	-2	
L-0	2+50S	57037	4	-10	-2	
L-0	2+25S	57067	5	-8	4	
L-0	2+00S	57028	10	-14	6	
L-0	1+75S	57068	13	-8	8	
L-0	1+50S	57015	10	8	5	
L-0	1+25S	57113	5	13	4	
L-0	1+00S	57069	5	7	5	
L-0	0+75S	57156	3	4	4	
L-0	0+50S	57210	3	1	4	
L-0	0+25S	57089	4	-3	2	Magnetite bldr in ditch ~0+10S
L-0	B/L	56708	5	-6	2	June 23/02 10:00AM
L-0	0+12.5N	54171				
L-0	0+25N	58176	8	11	5	Traced to W >12m
L-0	0+37.5N	60203				
L-0	0+50N	57142	-10	33	-8	
L-0	0+62.5N	57833				
L-0	0+75N	57052	-10	10	-6	
L-0	1+00N	57085	-2	-21	-5	
L-0	1+25N	57140	3	-15	0	
L-0	1+50N	57185	0	8	-5	
L-0	1+75N	57201	-7	15	-7	
L-0	2+00N	57199	-5	2	-4	
L-0	2+25N	57251	-4	-8	-4	
L-0	2+50N	57399	0	-9	-1	
L-0	2+75N	57221	0	-1	-4	
L-0	3+00N	57509	-3	7	-4	
L-0	3+12.5N	57506				
L-0	3+25N	57634	-4	7	-2	
L-0	3+37.5N	57700				
L-0	3+50N	57875	-6	7	0	
L-0	3+75N	57347	-8	3	-3	
L-0	4+00N	57450	-5	-6	-2	
L-0	4+25N	57199	-3	-6	0	
L-0	4+50N	57264	-4	-1	-2	
L-0	4+75N	57318	-3	-3	-2	Spoil pile for trench to SSW

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-0	5+00N	57326	-1	-1	5	
L-0	5+25N	57279	-5	7	0	
L-0	5+50N	57149	-6	3	-6	
L-0	5+75N	57177	-3	-11	0	
L-0	6+00N	57261	3	-21	2	Swampy area E of Pauline Lake
L-0	6+25N	57258	9	-14	3	Swampy area E of Pauline Lake
L-0	6+50N	57286	5	10	0	
L-0	6+75N	57216	-3	25	0	
L-0	7+00N	57211	-8	18	-5	Still wet boggy region
L-0	7+25N	57250	-8	5	-6	Still wet boggy region
L-0	7+50N	57184	-8	-4	-10	
L-0	7+75N	57224	-4	-15	-5	
L-0	8+00N	57283	3	-16	-5	
L-0	8+25N	57250	1	-3	-2	
L-0	8+50N	57281	1	1	-4	
L-0	8+75N	57237	2	-2	-4	
L-0	9+00N	57331	2	0	-3	
L-0	9+25N	57334	1	8	3	East edge of swampy area
L-0	9+50N	57190	-5	12	4	East edge of swampy area
L-0	9+75N	57349	-4	1	6	
L-0	10+00N	57320	-1		4	

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-1E	B/L	57166	0		3	
L-1E	0+25N	57100	1		-2	
L-1E	0+50N	57151	5	-8	2	
L-1E	0+75N	57203	4	5	1	
L-1E	1+00N	57211	-3	19	0	
L-1E	1+25N	57229	-7	17	0	
L-1E	1+50N	57231	-9	8	2	
L-1E	1+75N	57261	-9	2	4	
L-1E	2+00N	57254	-9	2	0	
L-1E	2+25N	57162	-11	-7	-6	
L-1E	2+50N	57501	0	-15	8	Rio Zone
L-1E	2+62.5N	57305				Rio Zone
L-1E	2+75N	57075	-5	-2	0	Rio Zone
L-1E	2+87.5N	57731				
L-1E	3+00N	59540	-4	-1	4	
L-1E	3+12.5N	60319				
L-1E	3+25N	59313	0	-7	2	
L-1E	3+37.5N	58442				
L-1E	3+50N	59574	-2	2	3	
L-1E	3+62.5N	57431				
L-1E	3+75N	56886	-4	5	0	
L-1E	3+82.5N	56990				
L-1E	4+00N	57086	-3	0	0	
L-1E	4+25N	57208	-3		0	

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-2E	5+00S	56950	-1		6	June 19/02 2:08 PM
L-2E	4+75S	56970	5		6	
L-2E	4+50S	57056	5	-11	0	
L-2E	4+25S	56958	10	-8	2	
L-2E	4+00S	56981	8	2	-1	Swampy
L-2E	3+75S	56974	5	12	-7	
L-2E	3+50S	56963	1	12	-9	Sm lake 25m W of line
L-2E	3+25S	57002	0	13	-8	
L-2E	3+00S	57013	-7	13	-8	
L-2E	2+75S	56960	-5	-3	-5	
L-2E	2+50S	57060	1	-16	0	
L-2E	2+25S	56908	3	-10	0	
L-2E	2+00S	57040	3	-7	2	
L-2E	1+75S	57000	8	-12	4	
L-2E	1+50S	57035	10	-9	4	
L-2E	1+25S	57032	10	-2	2	
L-2E	1+00S	57070	10	2	3	
L-2E	0+75S	57059	8	3	0	
L-2E	0+50S	57102	9	0	0	
L-2E	0+25S	57108	9	2	0	June 19/02 2:37PM
L-2E	B/L	57114	6	5	-4	
L-2E	0+25N	57102	7	0	-2	
L-2E	0+50N	57105	8	2	0	
L-2E	0+75N	57095	3	16	-1	
L-2E	1+00N	57190	-4	23	0	
L-2E	1+25N	57180	-8	15	-3	
L-2E	1+50N	57169	-8	0	0	
L-2E	1+75N	57221	-4	-10	6	
L-2E	2+00N	57206	-2	-8	6	
L-2E	2+25N	57277	-2	3	8	
L-2E	2+37.5N	57310				
L-2E	2+50N	57434	-7	13	0	Rio Zone Trend
L-2E	2+75N	57425	-10	10	-3	Rio Zone Trend
L-2E	2+87.5N	57663				Rio Zone Trend
L-2E	3+00N	58115	-9	-2	-12	Rio Zone Trend
L-2E	3+12.5N	57677				
L-2E	3+25N	57784	-6	-7	0	
L-2E	3+50N	57444	-6	-4	-2	
L-2E	3+75N	57320	-5	-2	-2	
L-2E	4+00N	57084	-5	-2	-2	
L-2E	4+25N	57225	-4	-3	-2	
L-2E	4+50N	57127	-3	-3	-3	
L-2E	4+75N	57117	-3	-2	-5	
L-2E	5+00N	57190	-2	-1	-2	
L-2E	5+25N	57332	-3	1	-6	

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-2E	5+50N	57408	-3	1	-8	
L-2E	5+75N	57194	-3	-1	-10	
L-2E	6+00N	57109	-2		-12	June 19/02 3:12PM

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-4E	5+00S	57055	3		-7	June 19/02 5:20 PM
L-4E	4+75S	57021	3		-2	
L-4E	4+50S	56947	3	0	-8	
L-4E	4+25S	57058	3	1	-6	
L-4E	4+00S	57077	2	6	-4	
L-4E	3+75S	56761	-2	10	-4	Wet, boggy area
L-4E	3+50S	56550	-3	5	-6	Wet, boggy area
L-4E	3+25S	57175	-2	-1	-2	
L-4E	3+00S	57023	-2	2	2	
L-4E	2+75S	57062	-5	4	-2	
L-4E	2+50S	57010	-3	-1	2	
L-4E	2+25S	57050	-3	-5	0	
L-4E	2+00S	56985	0	-9	0	
L-4E	1+75S	57067	3	-15	7	
L-4E	1+50S	57207	9	-20	12	
L-4E	1+37.5S	57121				
L-4E	1+25S	55075	14	-7	8	
L-4E	1+12.5S	52427				
L-4E	1+00S	56451	5	5	5	
L-4E	0+75S	57237	13	-5	4	
L-4E	0+50S	57273	11	-1	0	
L-4E	0+25S	56520	8	10	6	
L-4E	0+12.5S	61250				
L-4E	B/L	60775	6	8	4	
L-4E	0+12.5N	59223				
L-4E	0+25N	58274	5	3	5	
L-4E	0+37.5N	57747				
L-4E	0+50N	61500	6	5	2	
L-4E	0+62.5N	57715				
L-4E	0+75N	57112	0	14	0	
L-4E	1+00N	57043	-3	12	-4	
L-4E	1+25N	57057	-3	-2	-4	
L-4E	1+50N	57226	2	-10	2	
L-4E	1+75N	57230	2	-1	0	
L-4E	2+00N	57301	-2	12	-2	
L-4E	2+25N	57380	-6	11	-8	
L-4E	2+50N	57618	-5	-1	-10	
L-4E	2+75N	57665	-2	-7	-4	
L-4E	3+00N	57946	-2	-6	-6	
L-4E	3+25N	57580	1	-7	-4	
L-4E	3+50N	57512	2	-8	4	
L-4E	3+75N	57301	5	-4	0	
L-4E	4+00N	57325	2	8	-2	
L-4E	4+25N	57117	-3	10	-4	
L-4E	4+50N	57117	0	0	-6	
L-4E	4+75N	57129	-1	-2	-4	
L-4E	5+00N	57080	0	0	-6	
L-4E	5+25N	57045	-1	3	-4	
L-4E	5+50N	57100	-3	8	-6	
L-4E	5+75N	57085	-6	11	-8	
L-4E	6+00N	57070	-9		-10	

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-6E	5+00S	58595	1		-10	June 19/02 1:24PM
L-6E	4+75S	58878	-1		-9	
L-6E	4+50S	58864	3	-3	-7	
L-6E	4+25S	57040	0	4	-8	
L-6E	4+00S	57164	-2	9	-6	
L-6E	3+75S	57265	-4	8	0	
L-6E	3+50S	57055	-6	12	1	
L-6E	3+25S	57109	-12	11	-2	
L-6E	3+00S	57050	-9	-5	-2	
L-6E	2+75S	57144	-4	-15	4	Edge of Swamp
L-6E	2+50S	57305	-2	-10	4	
L-6E	2+25S	57380	-1	-9	6	
L-6E	2+00S	57526	4	-12	8	
L-6E	1+75S	58737	5	1	7	
L-6E	1+62.5S	59076				
L-6E	1+50S	58137	-3	13	0	
L-6E	1+37.5S	58735				
L-6E	1+25S	62445	-1	0	5	
L-6E	1+12.5S	61448				
L-6E	1+00S	62672	3	-16	5	
L-6E	0+87.5S	60702				
L-6E	0+75S	57820	9	-18	11	
L-6E	0+50S	57546	11	-7	10	
L-6E	0+25S	57185	8	9	8	
L-6E	B/L	57336	3	11	8	
L-6E	0+25N	57632	5	-1	2	
L-6E	0+50N	57682	7	-9	-2	
L-6E	0+75N	57836	10	-4	6	
L-6E	1+00N	57640	6	8	0	
L-6E	1+25N	57848	3	12	0	
L-6E	1+50N	57652	1	5	-4	June 19/02 1:36PM
L-6E	1+75N	57731	3	-4	3	Swamp
L-6E	2+00N	57756	5	1	5	Swamp
L-6E	2+12.5N	57670				
L-6E	2+25N	57767	-2	11	0	
L-6E	2+50N	57107	-1	0	0	
L-6E	2+75N	56970	4	-6	6	
L-6E	3+00N	57162	-1	9	0	
L-6E	3+25N	57198	-5	13	0	
L-6E	3+50N	57128	-5	3	0	
L-6E	3+75N	57158	-4	1	2	
L-6E	4+00N	57160	-7	9	-3	
L-6E	4+25N	57193	-11	8	-8	Into Clear cut - top of hill
L-6E	4+50N	56950	-8	-6	-7	
L-6E	4+75N	56968	-4	-15	-5	

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-6E	5+00N	56962	0	-12	-5	
L-6E	5+25N	57142	0	-9	-2	
L-6E	5+50N	57244	5	-14	-6	
L-6E	5+75N	56983	9	-14	-2	
L-6E	6+00N	56985	10		-6	

Deer Lake Geophysical Data

Line	Station	Mag	Dip (°)	Fraser Filter	Quad	Comments
L-8E	5+00S	57333	4		-13	June 19/02 10:45AM
L-8E	4+75S	56653	3		-16	
L-8E	4+50S	56970	9	-3	-6	
L-8E	4+25S	57097	1	13	-8	Hook L swampy margin
L-8E	4+00S	57120	-2	17	-2	Hook L swampy margin
L-8E	3+75S	57110	-5	12	10	Hook L swampy margin
L-8E	3+50S	57046	-8	10	4	Hook L swampy margin
L-8E	3+25S	57081	-9	4	5	
L-8E	3+00S	57179	-8	0	6	
L-8E	2+75S	57300	-9	-5	4	
L-8E	2+50S	57666	-3	-17	6	
L-8E	2+37.5S	57946				
L-8E	2+25S	58364	3	-22	8	
L-8E	2+12.5S	58289				
L-8E	2+00S	58011	8	-13	8	
L-8E	1+75S	57742	5	4	4	
L-8E	1+50S	57555	2	13	7	
L-8E	1+25S	57545	-2	14	10	Swampy
L-8E	1+00S	57385	-5	9	5	
L-8E	0+75S	57540	-4	-3	8	
L-8E	0+50S	57548	0	-11	10	
L-8E	0+25S	57561	2	-13	14	
L-8E	B/L	57640	7	-6	12	June 19/02 11:12AM
L-8E	0+25N	57265	1	2	6	
L-8E	0+50N	57063	6	-4	8	
L-8E	0+75N	57051	6	-7	4	
L-8E	1+00N	57210	8	-3	7	
L-8E	1+25N	57258	7	2	7	
L-8E	1+50N	57139	5	7	4	
L-8E	1+75N	57136	3	6	4	
L-8E	2+00N	57170	3	4	2	
L-8E	2+25N	57284	1	5	4	
L-8E	2+50N	57358	0	6	3	
L-8E	2+75N	57364	-2	8	0	
L-8E	3+00N	57290	-5	13	0	
L-8E	3+25N	57100	-10	11	-11	
L-8E	3+50N	57078	-8	0	-9	
L-8E	3+75N	57120	-7	-4	-9	
L-8E	4+00N	57026	-7	-3	-10	
L-8E	4+25N	56972	-5	-3	-5	
L-8E	4+50N	56910	-6	-6	-10	
L-8E	4+75N	57072	0	-11	0	
L-8E	5+00N	57135	0	-5	-4	
L-8E	5+25N	57130	-1	1	-7	
L-8E	5+50N	57185	0	-4	-10	
L-8E	5+75N	57278	3	-6	-6	Creek ~4 m to East
L-8E	6+00N	57265	2		-9	June 19/02 11:47AM

GEOMETRICS G 816 PORTABLE PROTON MAGNETOMETER

Sensitivity: ±gamma throughout range

Range: 20,000 to 90,000 gammas (worldwide)

Tuning: Multi-position switch with signal amplitude indicator light on display

Gradient Tolerance: Exceeds 150 gammas/ft

Sampling Rate: Manual push-button, one reading each 6 seconds

Output; 5 digit numeric display with readout directly in gammas

Power Requirements: Twelve self-contained 1.5 volt "O" cell, universally available flashlight-type batteries. Charge state or replacement signified by flashing indicator light on display

Battery Type	Number of Readings
	over 10,000
Alkaline	over 4,000
Premium Carbon Zinc	over 1,500
Standard Flashlight	

Note: Battery life decreases with temperature

Temperature Range: Console and sensor: -40° to 85°C
Battery Pack: 0° to +50°C (limited use to –15°); lower temperature operation-optional

Accuracy (Total Field): ± gamma through 0° to 50°C temperature range

Sensor: High signal, noise canceling, interchangeably mounted on separate staff or attached to carrying harness

Size:
Console: 3.5 x 7 x 10.5 in (9 x 18 x 27 cm)
Sensor: 4.5 x 6 inches (11 x 15 cm)
Staff: 1 inch diameter x 8 ft length (3 cm x 2.44 m)

Weight:

	Lbs.	**Kgs.**
Console (w/batteries:	5.5	2.4
Sensor & signal cable:	4.0	1.8
Aluminum staff:	2.0	0.9
Total:	11.5	5.1

GEONICS EM16 VLF-EM

Measured Quantity:	In-phase and quad-phase components of vertical magnetic field as a percentage of horizontal primary field. (i.e. tangent of the tilt angle and ellipticity).
Sensitivity	In-phase: ±150% Quad-phase: ±40%
Resolution:	±1%
Output:	Nulling by audio tone. In-phase indication from mechanical inclinometer and quad-phase from a graduated dial.
Operator Frequency:	15-25 kHz VLF Radio Band. Station selection done by means of plug-in units.
Operator Controls:	On/Off switch, battery test push button, station selector switch, audio volume control., quadrature dial, inclinometer.
Power Supply:	6 disposable AA cells
Dimensions:	42 x 14 x 9 cm
Weight:	Instrument: 1.6 kg Shipping: 4.5 kg

APPENDIX E

PERSONNEL

W. Gruenwald, P. Geo.	22 days
June 4, 9, 12-24, 29, 30, 2002	
Aug 19, 20, 2002	
Nov 14, 15, 2002	
Jan 6-16, 2003	
R. Montgomery, B. Sc.	5 days
June 13-24, 2002	
J. Barakso	5 days
June 13-24, 2002	
Gerry Ray, PhD	17 days
May 30-Aug 21, 2002	
K. McNaughton	4 days
Aug 19, 20, 2002	
Sep 17, 28, 2002	

APPENDIX F
STATEMENT OF EXPENDITURES

Labour		
Geoquest Consulting Ltd., Vernon, B.C	$13,200.00	
G.Ray	6,900.00	
Barakso Consultants Ltd.	3,000.00	
Ken McNaughton	1,600.00	$24,700.00
Analytical Costs:		
Assayers Canada	5,705.07	
ALS Chemex	972.00	6,677.07
Transportation Costs:		
Geoquest, G. Ray, J, Barakso, Canplats		3,660.92
Accommodation/Meals:		2,051.66
Equipment Rental		
Geophysical Equipment rental (SJ Geophysics)		321.00
Supplies and Miscellaneous		
Field supplies, freight, telephone		266.81
Report Compilation		
Secretarial, drafting, photocopies, maps		1,200.00
	TOTAL:	**$38,877.46**

APPENDIX G
REFERENCES

Bruland, Tor (1990)	Drilling report of the Lake Property. B.C. Ministry of Energy and Mines, Assessment Report #20020
Bruland, Tor (1990)	Diamond Drilling, Geological, Geochemical and Geophysical Report on the Haida Property. B.C. Ministry of Energy and Mines, Assessment Report #20014.
Gruenwald, W. (1992)	Geochemical, Geophysical and Geological Report on the "G" Claims, Little Fort, B.C. B.C. Ministry of Energy and Mines Assessment Report.
Gruenwald, W. (1999)	Discussion on the Mineralized Float Occurrences near Little Fort, B.C. Internal report for Electrum Resource Corp.
Gruenwald, W. (March, 2000)	Geochemical and Geological Assessment Report on the Deer Lake Property for Electrum Resource Corp. Assessment Report #26223
Gruenwald, W. (December, 2000)	Geochemical and Geological Assessment Report on the Deer Lake Property for Electrum Resource Corp. Assessment Report #26418
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Lloyd, J; Westerman, C.J. (1988)	Drilling Report on the Haida Gold Property. B.C. Ministry of Energy and Mines, Assessment Report #18796.
Naylor, H; White, L.G. (1972)	Geological and Geophysical Report Deer 1-35; United 1-8 Inclusive Mineral claims. B.C. Ministry of Energy and Mines, Assessment Report #03545
Paulen, R.C.; Bobrowsky, P.T.; Lett, R.E.; Jackaman, W; Bichler, A.J.; Wingerter, C. (2000)	Till Geochemistry of the Chu-Chua-Clearwater Area, B.C. Parts of NTS 92P/8 and 92P/9. Open file 2000-17
Ray, Gerry (2002)	Geology and Geochemistry of the Deer Lake and Friendly Lake Claim Blocks, Little Fort Area, South-Central BC (NTS 92P/9 &10) for Electrum Resource Corp.
Staargaard, C.F. (1999)	Evaluation of the Deer Lake Property, Little Fort Area, B.C. Internal report for Electrum Resource Corp.
Watson, R.K. (1973)	Report on Airborne Geophysical Survey – Laurel Lake area. B.C. Ministry of Energy and Mines, Assessment Report #4264
Woodard, J. (1968)	Induced Polarization on the 92P-8 Eagle Creek Group, Little Fort Area. B.C. Ministry of Energy and Mines, Assessment Report #01639

APPENDIX H
CERTIFICATE

I, WARNER GRUENWALD OF THE CITY OF VERNON, BRITISH COLUMBIA HEREBY CERTIFY THAT:

1. I am a graduate of the University of British Columbia with a B. Sc. degree in Geology (1972).

2. I am a registered member of the Professional Engineers and Geoscientists of British Columbia (#23202).

3. I am a fellow of the Geological Association of Canada (F2958)

4. I am employed as consulting geologist and president of Geoquest Consulting Ltd., Vernon, and B.C.

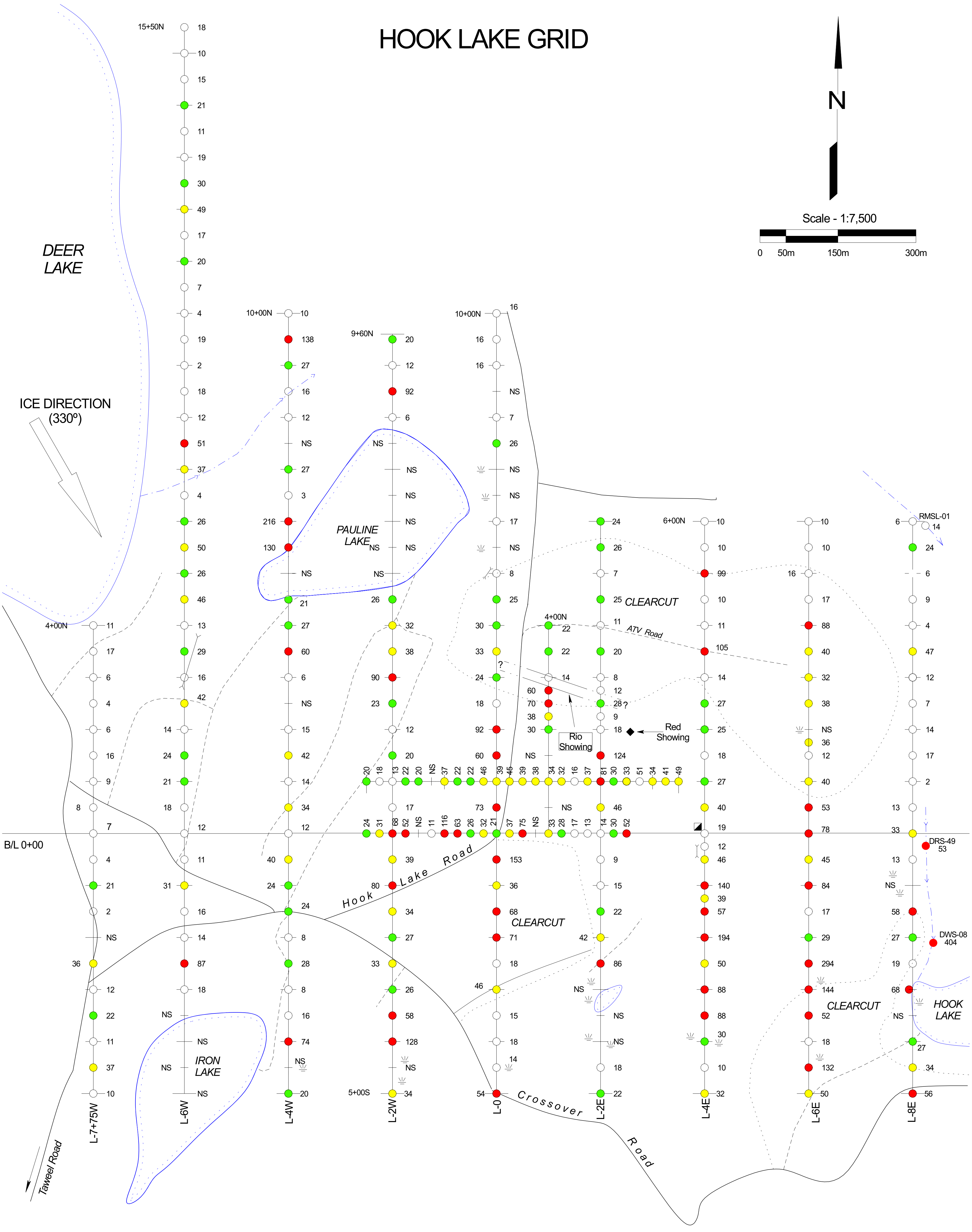
5. I have practiced continuously as a Geologist for the past 30 years in western Canada and the US.

6. I was actively involved in the 2002 exploration program on the Deer Lake property.

W. Gruenwald, P. Geo.
Dated: January 16, 2002

APPENDIX I

GEOCHEMICAL
AND
GEOPHYSICAL PLANS



LEGEND

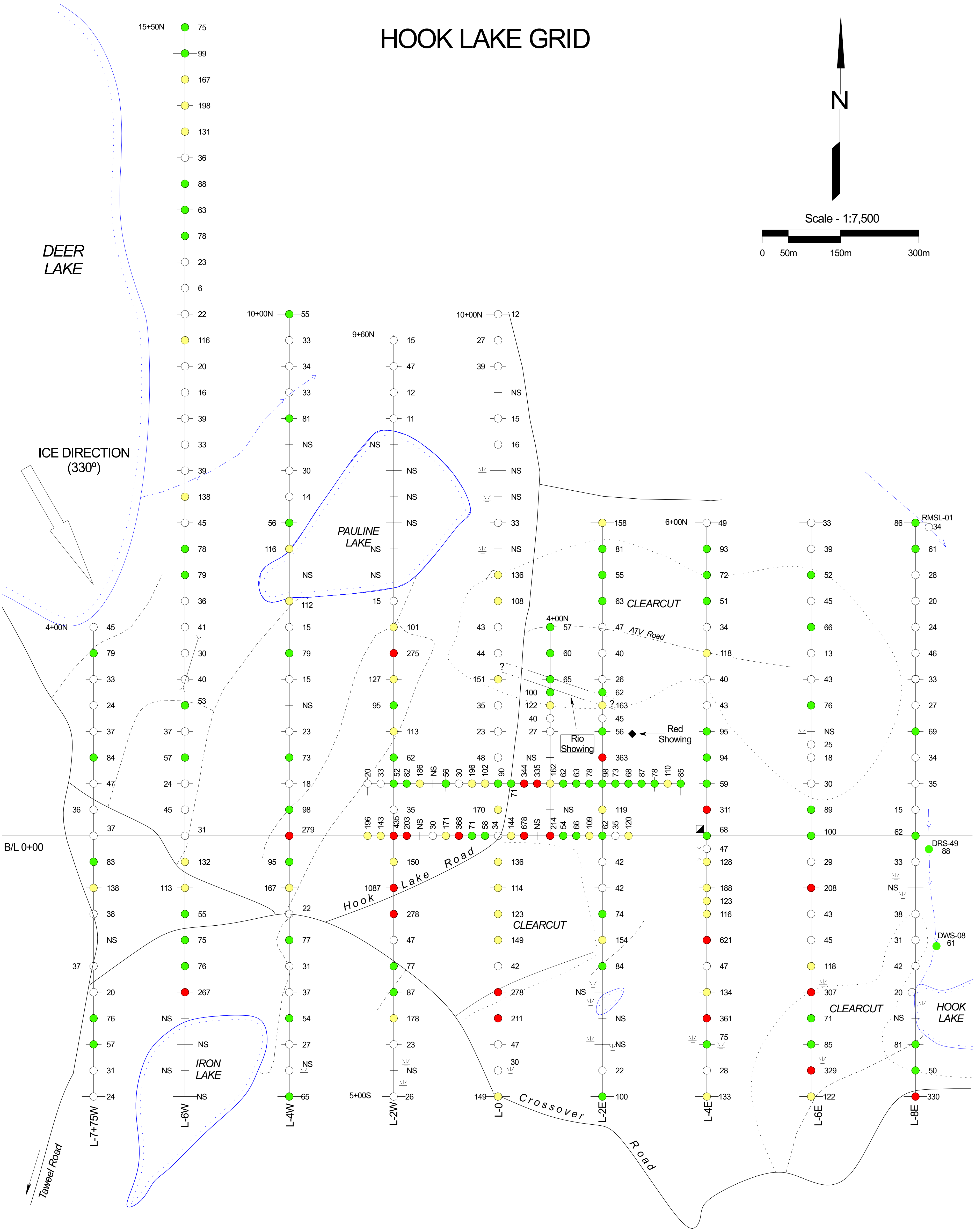
- Creek
- Swampy Area
- Major Logging Road
- Secondary Logging Road/Trail
- Clearcut Boundary
- Trench
- Shaft
- Grid Line with Sample Station

GEOCHEMICAL CATEGORIES

- 20-30 ppb Au
- 31-50 ppb Au
- >50 ppb Au

To accompany a report by W. Gruenwald, P. Geo.

ELECTRUM RESOURCE CORP.	
GEOCHEMICAL PLAN - GOLD	
DEER LAKE PROPERTY	
Kamloops Mining Division, B.C.	
Tech Work By: GEOQUEST	Date: December, 2002
Drawn By: EG	Figure: 8



LEGEND

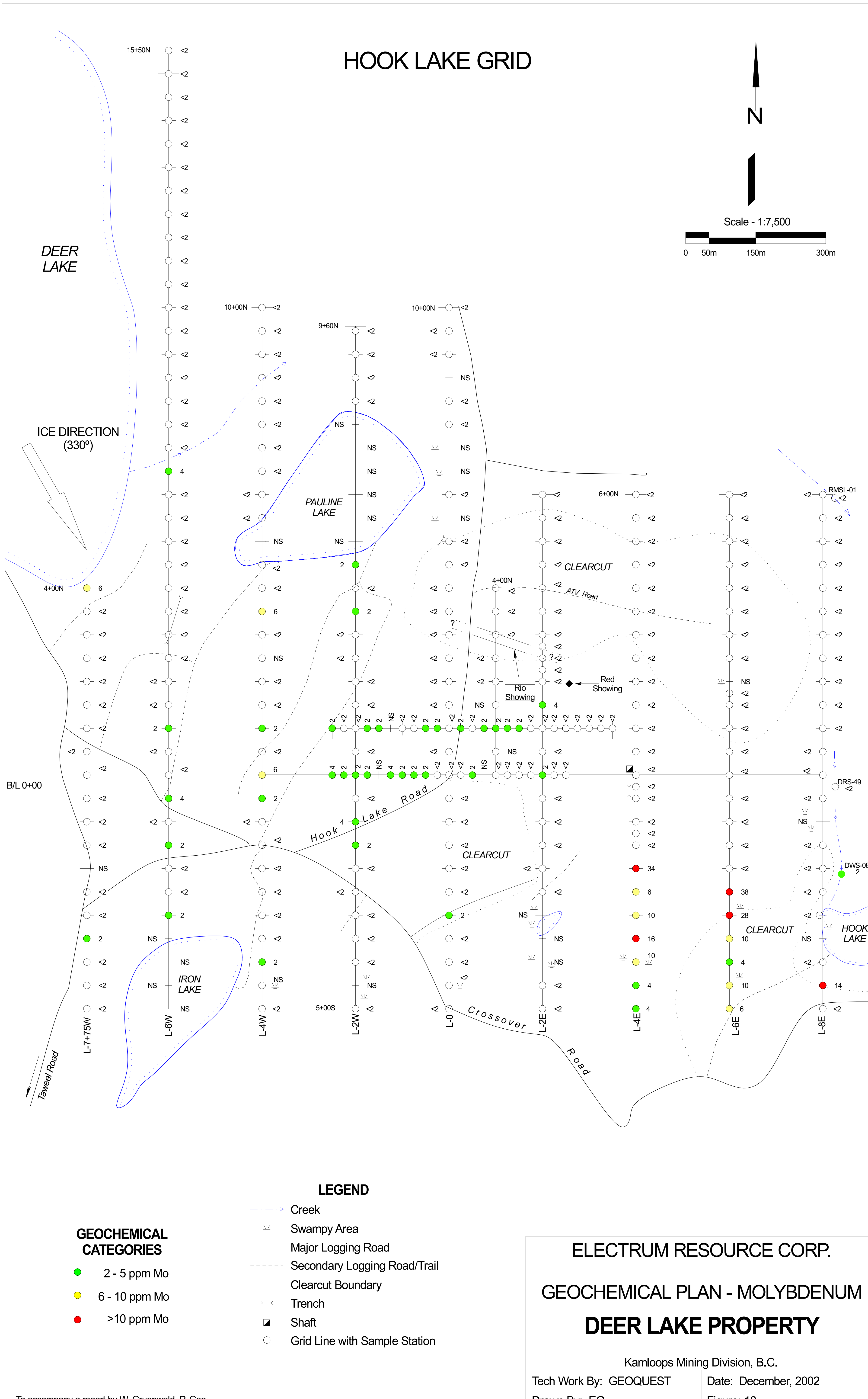
- Creek
- Swampy Area
- Major Logging Road
- Secondary Logging Road/Trail
- Clearcut Boundary
- Trench
- Shaft
- Grid Line with Sample Station

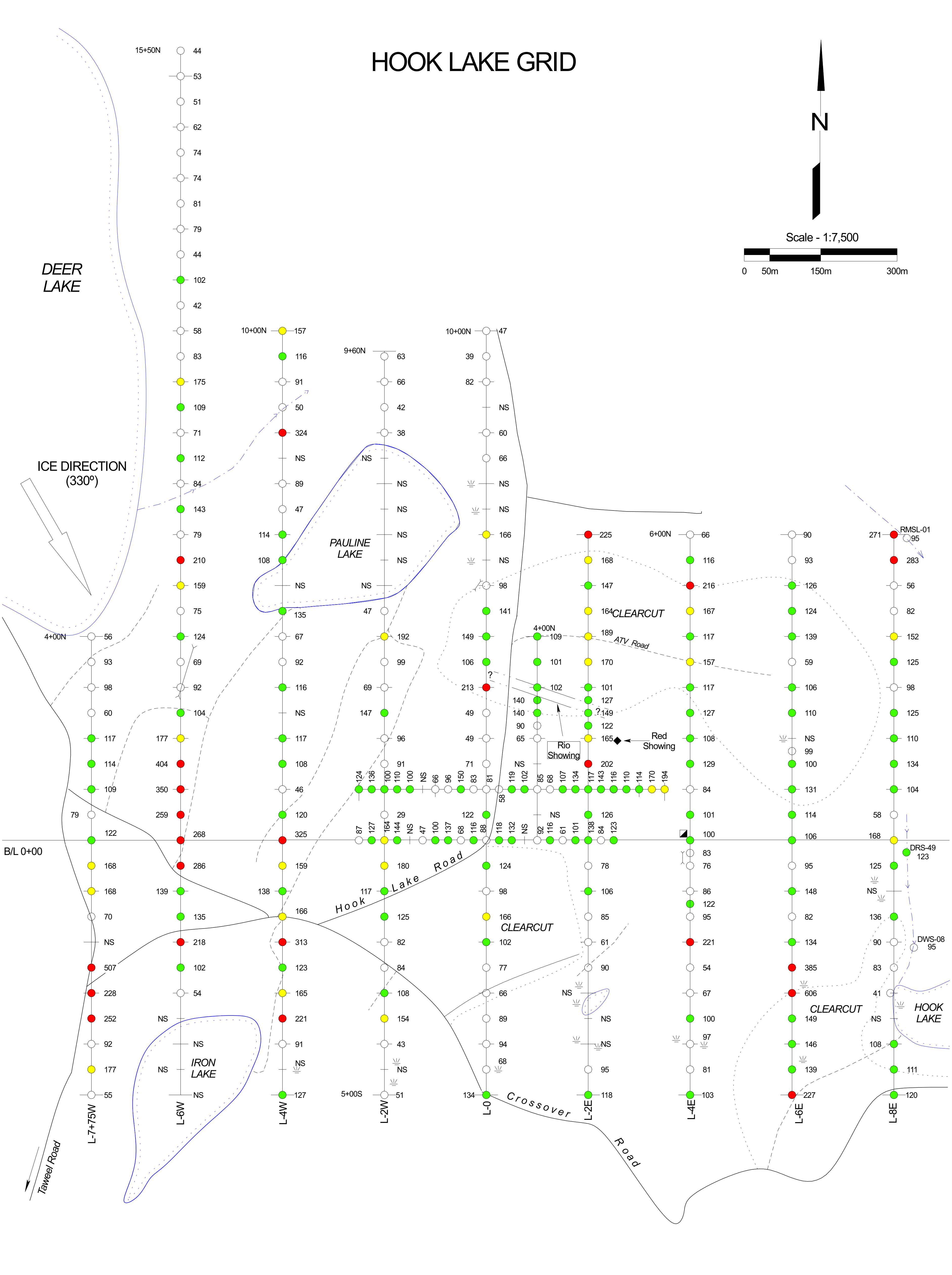
GEOCHEMICAL CATEGORIES

- 50-100 ppm Cu
- 101-200 ppm Cu
- >200 ppm Cu

To accompany a report by W. Gruenwald, P. Geo.

ELECTRUM RESOURCE CORP.	
GEOCHEMICAL PLAN - COPPER **DEER LAKE PROPERTY** Kamloops Mining Division, B.C.	
Tech Work By: GEOQUEST	Date: December, 2002
Drawn By: EG	Figure: 9


HOOK LAKE GRID
N
Scale - 1:7,500
0 50m 150m 300m
DEER LAKE
ICE DIRECTION (330º)
PAULINE LAKE
IRON LAKE
HOOK LAKE
CLEARCUT
ATV Road
Rio Showing
Red Showing
Hook Lake Road
Crossover Road
Taweel Road
B/L 0+00
15+50N
10+00N
9+60N
6+00N
4+00N
5+00S
RMSL-01
DRS-49
DWS-08
L-7+75W
L-6W
L-4W
L-2W
L-0
L-2E
L-4E
L-6E
L-8E
LEGEND
Creek
Swampy Area
Major Logging Road
Secondary Logging Road/Trail
Clearcut Boundary
Trench
Shaft
Grid Line with Sample Station
GEOCHEMICAL CATEGORIES
2 - 5 ppm Mo
6 - 10 ppm Mo
>10 ppm Mo
ELECTRUM RESOURCE CORP.
GEOCHEMICAL PLAN - MOLYBDENUM
DEER LAKE PROPERTY
Kamloops Mining Division, B.C.
Tech Work By: GEOQUEST
Date: December, 2002
Drawn By: EG
Figure: 10
To accompany a report by W. Gruenwald, P. Geo.



LEGEND

- Creek
- Swampy Area
- Major Logging Road
- Secondary Logging Road/Trail
- Clearcut Boundary
- Trench
- Shaft
- Grid Line with Sample Station

GEOCHEMICAL CATEGORIES

- 100-150 ppm Zn
- 151-200 ppm Zn
- >200 ppm Cu

To accompany a report by W. Gruenwald, P. Geo.

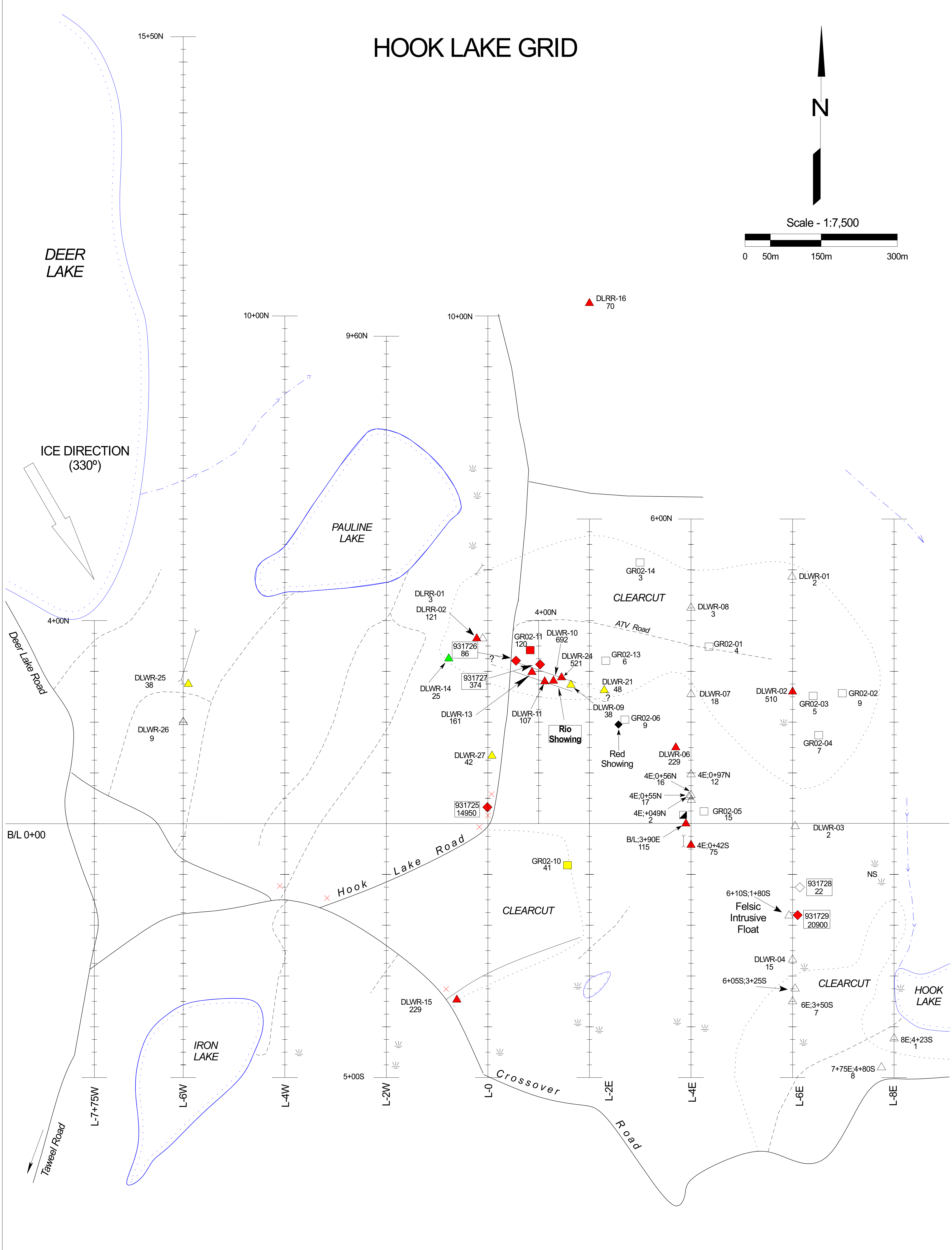
ELECTRUM RESOURCE CORP.

GEOCHEMICAL PLAN - ZINC

DEER LAKE PROPERTY

Kamloops Mining Division, B.C.

Tech Work By: GEOQUEST	Date: December, 2002
Drawn By: EG	Figure: 11



LEGEND

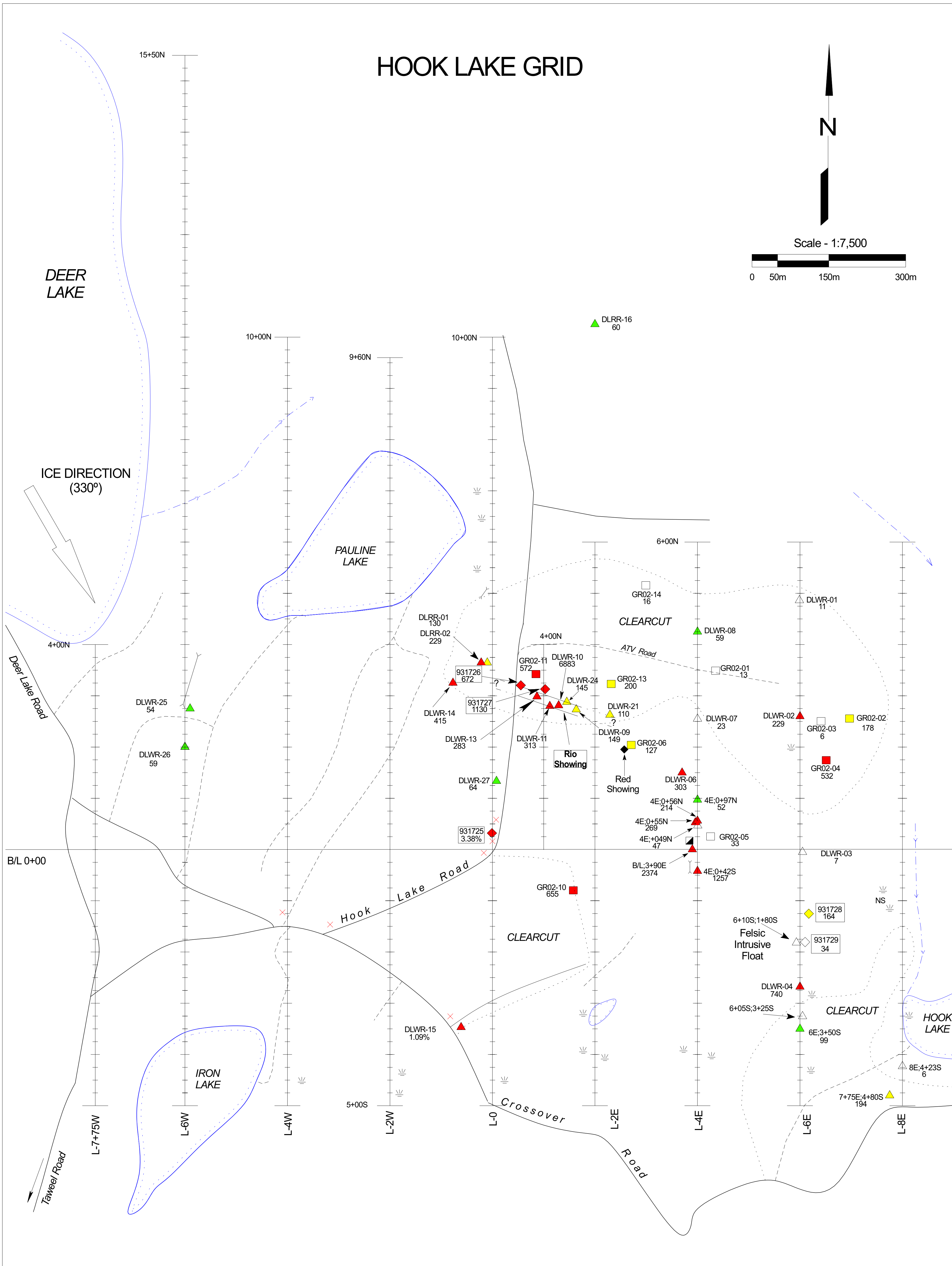
- Creek
- Swampy Area
- Major Logging Road
- Secondary Logging Road/Trail
- Clearcut Boundary
- Trench
- Shaft
- Rock Samples:
  - Geoquest
  - G Ray
  - Canplats
- Float (mag±py±po±cpy)

GEOCHEMICAL CATEGORIES

- 20 - 30 ppb Au
- 31 - 50 ppb Au
- >50 ppb Au

To accompany a report by W. Gruenwald, P. Geo.

ELECTRUM RESOURCE CORP.	
ROCK GEOCHEMISTRY - GOLD **DEER LAKE PROPERTY** Kamloops Mining Division, B.C.	
Tech Work By: GEOQUEST	Date: December, 2002
Drawn By: EG	Figure: 12



LEGEND

- Creek
- Swampy Area
- Major Logging Road
- Secondary Logging Road/Trail
- Clearcut Boundary
- Trench
- Shaft
- Rock Samples:
  - Geoquest
  - G Ray
  - Canplats
- Float (mag±py±po±cpy)

GEOCHEMICAL CATEGORIES

- 50-100 ppm Cu
- 101-200 ppm Cu
- >200 ppm Cu

To accompany a report by W. Gruenwald, P. Geo.

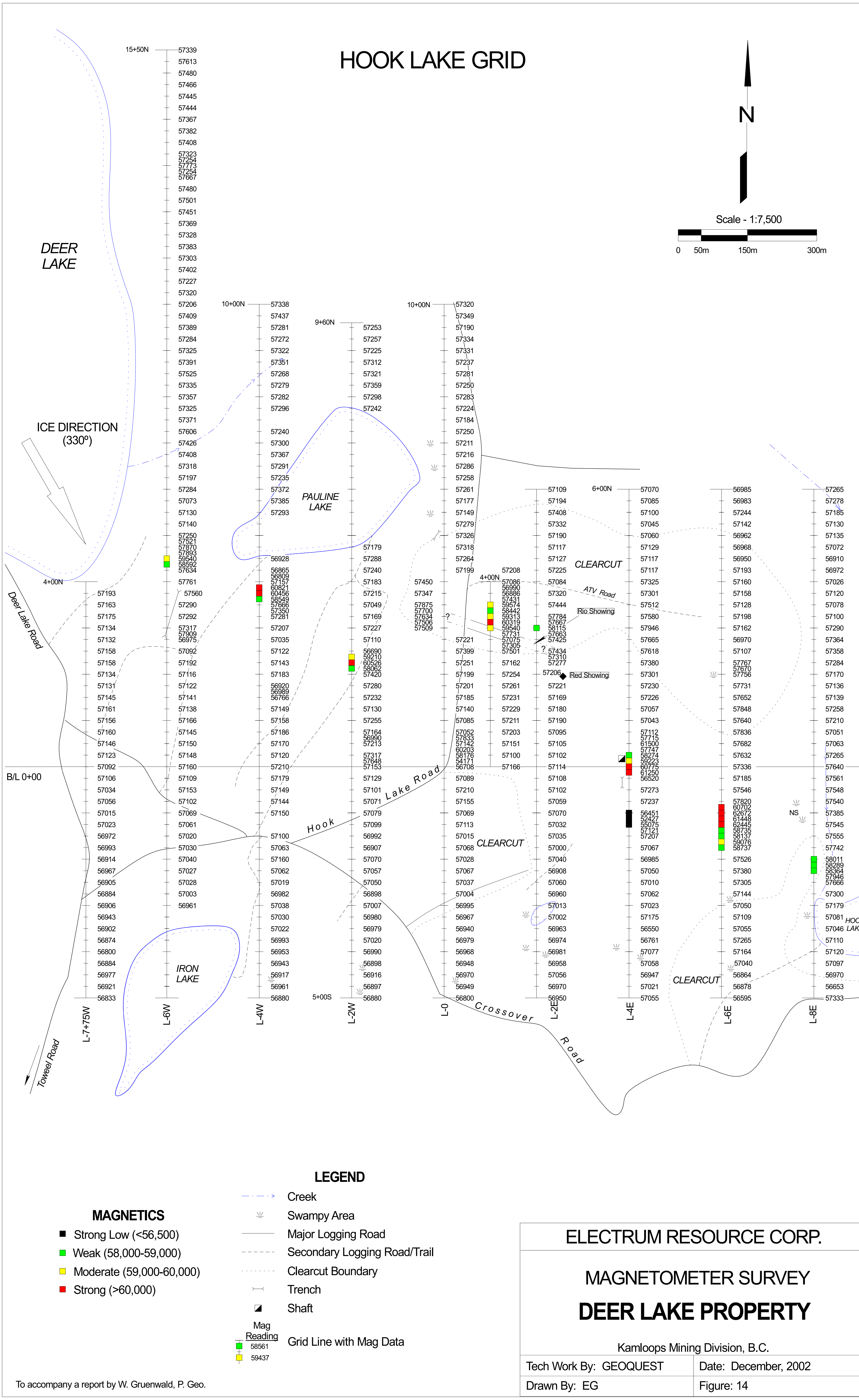
ELECTRUM RESOURCE CORP.

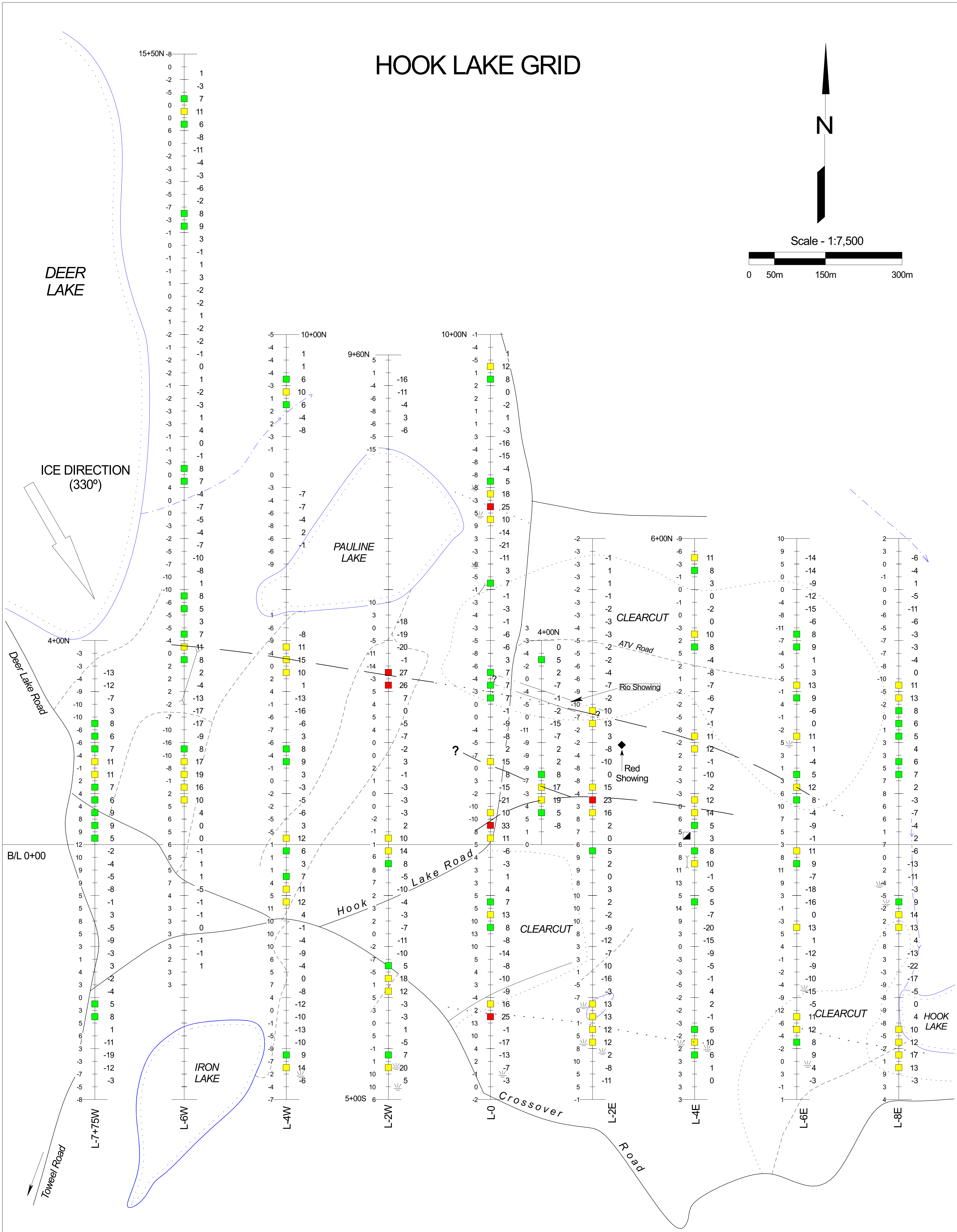
ROCK GEOCHEMISTRY - COPPER

DEER LAKE PROPERTY

Kamloops Mining Division, B.C.

Tech Work By: GEOQUEST	Date: December, 2002
Drawn By: EG	Figure: 13


HOOK LAKE GRID
N
Scale - 1:7,500
0 50m 150m 300m
DEER LAKE
ICE DIRECTION (330º)
PAULINE LAKE
IRON LAKE
HOOK LAKE
CLEARCUT
ATV Road
Rio Showing
Red Showing
Deer Lake Road
Hook Lake Road
Crossover Road
Toweel Road
B/L 0+00
15+50N
10+00N
9+60N
6+00N
4+00N
5+00S
L-7+75W
L-6W
L-4W
L-2W
L-0
L-2E
L-4E
L-6E
L-8E
NS
LEGEND
Creek
Swampy Area
Major Logging Road
Secondary Logging Road/Trail
Clearcut Boundary
Trench
Shaft
Mag Reading
58561
59437
Grid Line with Mag Data
MAGNETICS
Strong Low (<56,500)
Weak (58,000-59,000)
Moderate (59,000-60,000)
Strong (>60,000)
To accompany a report by W. Gruenwald, P. Geo.
ELECTRUM RESOURCE CORP.
MAGNETOMETER SURVEY
DEER LAKE PROPERTY
Kamloops Mining Division, B.C.
Tech Work By: GEOQUEST
Date: December, 2002
Drawn By: EG
Figure: 14



LEGEND

- Creek
- Swampy Area
- Major Logging Road
- Secondary Logging Road/Trail
- Clearcut Boundary
- Trench
- Shaft
- Strong - Moderate Conductor
- Weak or Suspect Conductor
- Field Data / Fraser Filter — Grid Line with VLF-EM Data (example: 5, 5 / 7, 13)

VLF-EM CATEGORIES

- Weak (5-10°)
- Moderate (10-19°)
- Strong (>20°)

To accompany a report by W. Gruenwald, P. Geo.

ELECTRUM RESOURCE CORP.	
VLF-EM SURVEY **DEER LAKE PROPERTY** Kamloops Mining Division, B.C.	
Tech Work By: GEOQUEST	Date: December, 2002
Drawn By: EG	Figure: 15