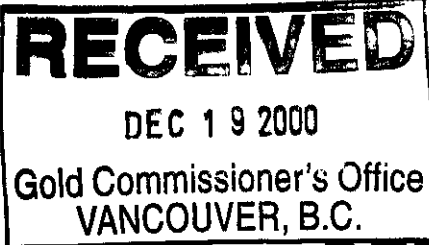


**GEOCHEMICAL AND GEOLOGICAL
ASSESSMENT REPORT**



on the

DEER LAKE PROPERTY

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

for

ELECTRUM RESOURCE CORP.

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Vancouver, B.C.
V6B 1L8**

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GEOQUEST CONSULTING LTD.

**W. Gruenwald, P. Geo.
December 7, 2000**

MINING BRANCH

26,418

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SUMMARY

The Deer Lake property is situated 16 kilometres northwest of the community of Little Fort in southern British Columbia. Highway 24 and numerous logging roads provide easy access. A total of 207 units comprise the property which is 100% owned by Electrum Resource Corp. of Vancouver, B.C.

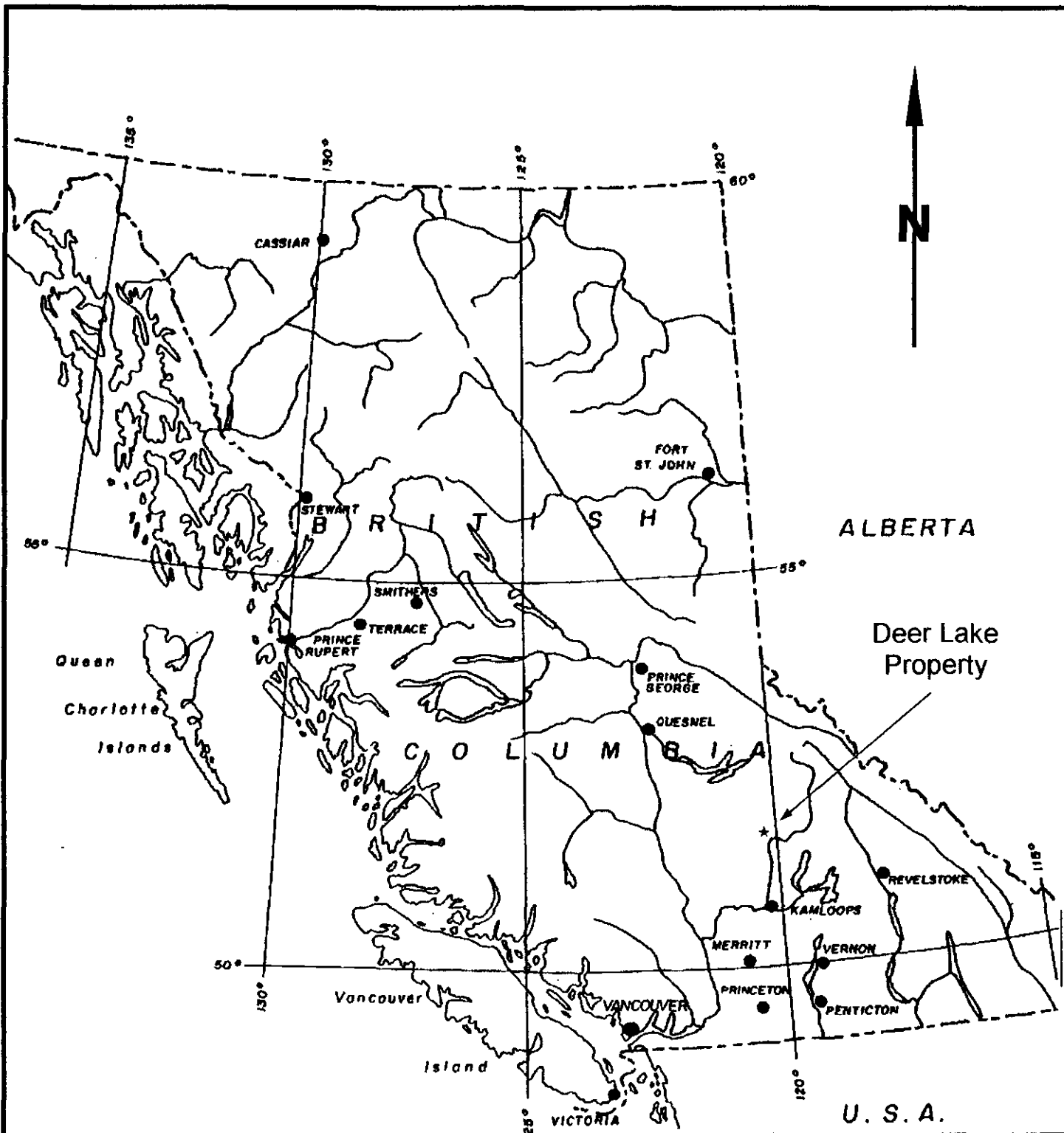
The area first received attention in the 1930s with the discovery of gold mineralized skarns near Deer Lake. From the late 1960s to late 1980s several companies directed exploration efforts more toward porphyry copper mineralization. The most recent major exploration was completed by Teck Corporation who conducted programs including drilling directed toward porphyry and skarn targets in the central to eastern portions of the property.

The Deer Lake property is situated within a northwesterly trending belt of late Triassic to early Jurassic volcanics and sediments (Nicola Group). These rocks are transected by large north-northwesterly faults and intruded by several granitic intrusions ranging from small plugs to batholiths. Rock outcroppings on the property are scarce due to the extensive glacial till cover. Numerous roads and clear cuts however have provided many new exposures.

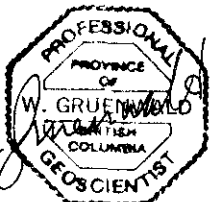
Mineralization is present in several areas of the property with the gold-copper skarns in the Deer Lake area being the most documented. Sulphide mineralization is associated with garnet-diopside skarns that have developed in calcareous sediments near the contact with a mafic intrusive. Several other showings are found outside of the Deer Lake area. In the southwest sector of the property, the EC 60 showing consists of lead, zinc mineralization with elevated gold and silver in Nicola sediments.

During 2000 a program of stream sampling, prospecting and mapping was completed to follow up anomalous areas outlined in 1999. In 1999, visible and often angular gold was identified in eight stream samples. The nature of the gold suggested that the transport distance was short. Several drainages in the southwestern sector of the property were also found to contain anomalous amounts of zinc and arsenic. Exploration during the summer of 2000 focused on two primary areas of the property. One area west of Nora (Hook) Lake was the site of widespread and abundant mineralized float containing gold up to 4.44 g/tonne and 2.75% copper. Float angularity, soil geochemistry and glacial ice movement suggest the source is nearby and northwesterly. In the southwest sector of the property several new float occurrences containing significant copper and gold were discovered. Many of these occur "down ice" of the Carol-Heidi Lake fault and an area of previously defined geochemical and IP anomalies. Intrusion hosted gold mineralization was discovered as abundant float along Highway 24 and bears a resemblance to highly mineralized float 1.4 km southeast of the property. Follow-up of the 1999 program stream anomalies continues to indicate significant gold mineralization of as yet unknown origin. Investigation of the EC 60 showing revealed a geochemical expression considerably larger than the known mineralization.

Additional exploration is warranted and should focus on tracing the source of mineralized float near Nora Lake and in the southwest sector. Detailed geochemical sampling (soils, basal till) and prospecting of these areas should be conducted. Grid sampling and mapping of the EC 60 showing is also definitely warranted. An airborne survey would greatly assist in identifying lithologic and structural features in the wide areas of glacial cover.



ELECTRUM RESOURCE CORP.	
LOCATION MAP	
DEER LAKE PROPERTY	
Kamloops Mining Division, B.C.	
Scale: 1 cm = 87 km	Date: Dec, 2000
Figure: 1	



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

INTRODUCTION

General Statement:

During the summer of 2000, the writer and Mr. Rob Montgomery carried out exploration work on the Deer Lake property. The property, owned by Electrum Resource Corp. is situated in southern British Columbia near the community of Little Fort. A program of stream, soil, rock sampling and prospecting was conducted in two principal areas of the property. The primary objectives of the program were to continue exploring areas identified in 1999 as geochemically anomalous and geologically favourable. Exploration target models include precious and/or base metal skarn, massive sulphides as well as intrusion related gold deposits

Location and Access:

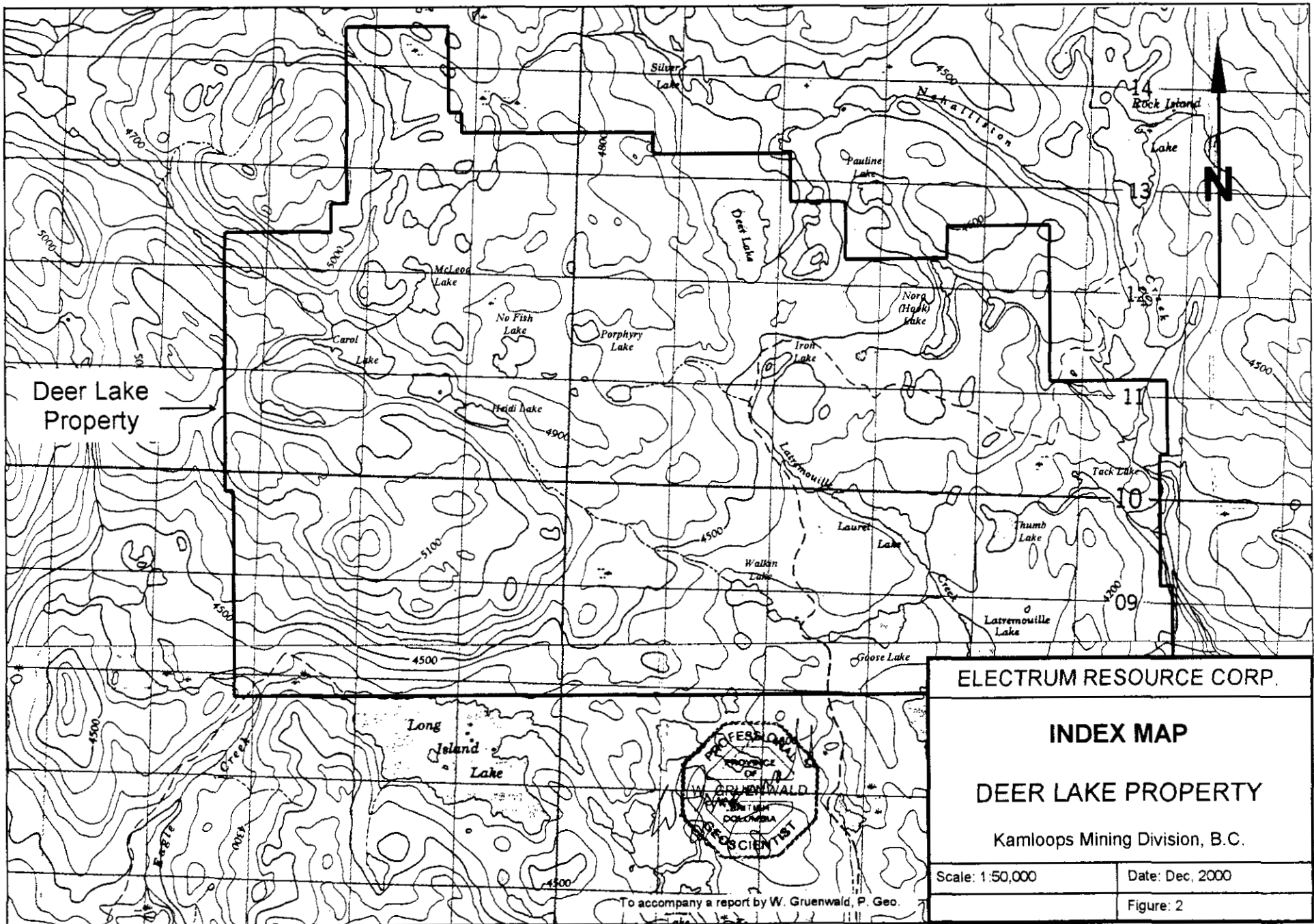
The Deer Lake property is located approximately 16 kilometres northwest of the community of Little Fort in south-central British Columbia. Little Fort is located 100 kilometres north of Kamloops along Highway 5 (Figure 1). Geographic co-ordinates for the property are 51°31' north latitude and 120°24' 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 western and northern portions of the property.

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. Creek and lake names referred to in this report are shown on Figure 2. Slopes range from gentle to moderate with only a few steep slopes in the southwestern and extreme eastern portions of the property. Topographic relief is approximately 400 metres ranging from 1200 metres in Nehalliston Creek to 1600 metres on a hilltop in the southwest.

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 ice flow direction was 165° to 175° (Figure 3). 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 along upper Latremouille Creek where directions of 130° are recorded.

The property is forested with fir, spruce, balsam and pine along with minor deciduous vegetation. The numerous clear cuts and logging roads provide easy access to many parts of the property.



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



ELECTRUM RESOURCE CORP.

**GLACIAL DIRECTIONS
AND
MINERAL OCCURRENCES**

Kamloops Mining Division, B.C.

Scale: 1:125,000

Figure: 3

● Mineral Occurrence



Claims:

The Deer Lake property consists of 16 modified grid claims and 13 two post claims totalling 207 units. A reduction in the number of claims and units in 2000 resulted from "inclusion" of claims that overlapped. 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 as follows:

Claim Name	Tag No.	Tenure Number	No of Units	Expiry Date
Fort 9	7273	216702	4	Jun 25, 2001
Tun I	27470	216957	16	Sep 08, 2001
Tun II	27471	216958	20	Sep 08, 2001
Nuf #1	7822	216959	15	Sep 09, 2001
Vit 1	126997	217793	20	May 29, 2002
Vit 2	126998	217794	20	May 29, 2002
Vit 3	126999	217795	18	May 29, 2001
Vit 4	127000	217796	20	May 29, 2001
Vit 5	127401	217797	15	May 29, 2001
Vit 6	127402	217798	10	May 29, 2002
Vit 7	251411M	217799	1	May 29, 2002
Vit 8	250596M	217800	1	May 29, 2001
Vit 9	117451	218830	10	Sep 30, 2001
Vit 12	117454	218833	12	Oct 02, 2001
Vit 13	117455	218852	8	Oct 25, 2001
Vit 14	117456	218853	4	Oct 26, 2001
Hook 1	689345M	373514	1	Nov 21, 2002
Hook 2	689346M	373515	1	Nov 21, 2001
Hook 3	689347M	373516	1	Nov 21, 2001
Hook 4	689348M	373517	1	Nov 22, 2001
Hook 5	689349M	373518	1	Nov 22, 2001
Hook 6	684896M	373519	1	Nov 22, 2001
Hook 7	689392	375004	1	Mar 26, 2002
Hook 8	689393	375005	1	Mar 26, 2002
Hook 9	689394	375006	1	Mar 26, 2002
Hook 10	689395	375007	1	Mar 26, 2002
Hook 11	689396	375008	1	Mar 26, 2002
Hook 12	689397	375009	1	Mar 26, 2002
Hook 13	689398	375010	1	Mar 26, 2002

History:

The Deer Lake Property and surrounding region has witnessed exploration by individuals and companies intermittently since the 1930s. The known mineral occurrences for the region are shown on Figure 3. Early exploration focused on gold bearing, sulphide rich skarn zones near Deer Lake. 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 (Figure 4).

In October 1999 the writer and Rob Montgomery conducted a program of detailed stream sampling and prospecting over the entire property. New logging roads and clear cuts gave access and provided bedrock exposures not available in the early 1990s. The key objective was to identify areas of mineral potential beyond those previously explored. Table I outlines the historical exploration activity on the Deer Lake property.

EXPLORATION WORK – 2000

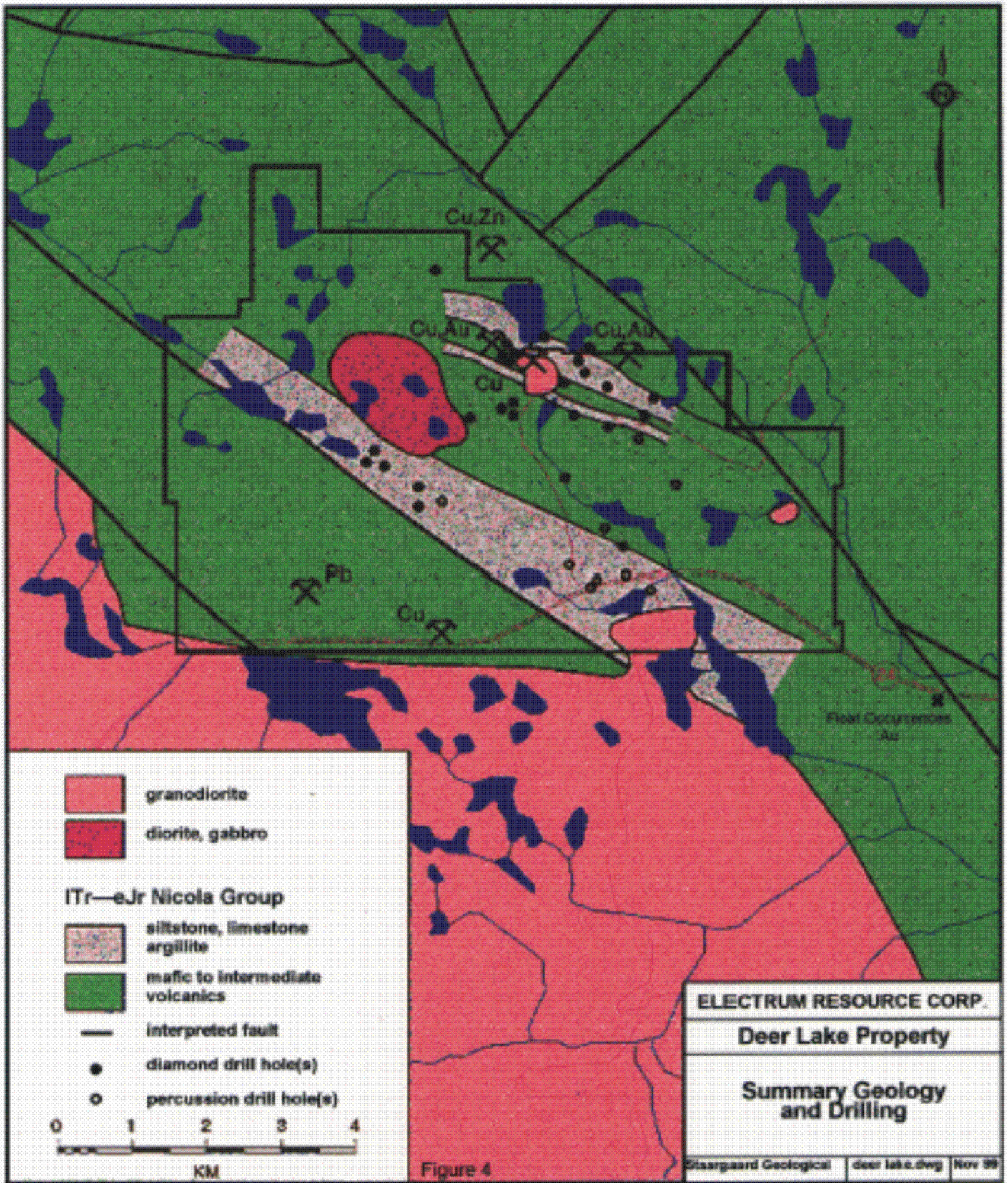
Exploration during June, July and September 2000 focused primarily on two key areas of the property identified as having potential from the previous year. These are near Nora (Hook) Lake and the southwest sector of the property. In late June, Mr. John Barakso, the property owner and Mr. Robert Brown, P. Eng. spent 2½ days examining various historic and recently discovered mineral occurrences on the property. Mr. Brown provided a review of the data and sampling along with recommendations in a brief report to the company (Appendix F).

Stream Sampling:

A primary focus of the 2000 program was to follow-up on anomalous stream sites encountered in the 1999 program. Stream sediment was wet screened to -10 mesh with sample weights usually in the 800 to 1000 gram range. At selected drainages a heavy mineral sample was collected by panning stream gravels to produce a 15 to 25 gram concentrate. A total of 13 silt and 6 panned concentrates were collected. Field descriptions for all samples are found in Appendix A. The silt samples were submitted to TSL Assayers in Vancouver, B.C. for gold and ICP analysis. Panned concentrates were visually checked for gold content and also submitted to TSL Assayers for gold analysis. In addition 43 panned concentrates from the 1999 program held by Activation Labs in Ontario were analyzed for gold, platinum, palladium as well as germanium, selenium, tellurium and bismuth. Analytical data and methodologies are presented in Appendix C.

Rock Sampling:

During the stream sampling program and prospecting along new roads and grid lines any suspicious or mineralized bedrock or float was sampled. During the June 2000 reconnaissance, J. Barakso and R. Brown collected 20 rock chip samples (JRD 1-20) from various parts of the property. In all, a total of 48 rock samples were collected and submitted to TSL Assayers for gold and ICP analysis. Rock descriptions and analytical data are found in Appendix B and C respectively.



HISTORICAL WORK ON THE DEER LAKE PROPERTY

YEARS	WORK BY	AREAS EXPLORED	SCOPE OF WORK	RESULTS	DOCUMENTATION
1933	Premier Gold Mines	Deer Lake (Lakeview)	<ul style="list-style-type: none"> • Short adit and several small pits. 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Geochem, mapping, IP, trenching • Six DDHs totalling 610 metres. 	<ul style="list-style-type: none"> • Unknown. 	Assessment Reports: #905, 907, 910, 1123
1967/68	Royal Canadian Ventures	South and north of Long Island Lake	<ul style="list-style-type: none"> • Stream/soil sampling-Cu, Mo, Zn • IP survey on Eagle Creek Group 	<ul style="list-style-type: none"> • Company reported previous work done on EC 60 Pb showing on slope north of Long Island Lake. 	Assessment Reports: #1055, 1639
1968	United Copper	As above	<ul style="list-style-type: none"> • Geochem, mapping, mag, trenching, drilling 		Assessment Reports: #2712
1972	Barrier Reef Resources	Heidi Lake	<ul style="list-style-type: none"> • Detailed grid, mapping, soil sampling (As, Cu, Pb, Mo, Hg), EM surveys. • Three short DDHs. 	<ul style="list-style-type: none"> • 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. 	Assessment Reports: #4028, 4062, 4262
1973/74	Rio Tinto	Goose, Thumb and Laurel Lake area	<ul style="list-style-type: none"> • IP, mag surveys. • 9 percussion holes totalling 457 metres. Holes all <75 m deep. 	<ul style="list-style-type: none"> • No significant copper intersected. • No Au analysis conducted. 	Assessment Reports: #4264, 4835, 4947, 5424, 5425, 5734
1977	Meridian Resources	McLeod, No Fish and Deer Lakes	<ul style="list-style-type: none"> • Soil sampling, mag survey. • Two percussion holes (455 metres) within Fort claim west of Deer Lake. 	<ul style="list-style-type: none"> • Sporadic Au, As, Cu anomalies in soils. • First hole contained strong Cu below 70 m. • No mention of Au analysis. 	Assessment Reports: #6586, 8880
1980	Tunkwa Copper Mines Ltd.	Fort 7, 9; Tun I, II and Nuf #1 claims	<ul style="list-style-type: none"> • Wide spaced (200 m) grid lines. • 7 DDHs near Lakeview showings. 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Soil and IP survey and backhoe trenching (Heidi Lake). • Two DDHs totalling 433 metres. 	<ul style="list-style-type: none"> • IP delineated SE of Heidi Lake 	Assessment Reports: #16134, 16223
1988	Vital Pacific Resources Ltd.	Between Porphyry and Nora (Hook) Lakes. Heidi Lake	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • 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. 	Assessment Reports: #18796
1989/90	Teck Corporation	East of Iron Lake and along road south of Nora (Hook) Lake	<ul style="list-style-type: none"> • Geological, geochemical, geophysical surveys, trenching and diamond drilling. • 14 DDHs totalling 1952 metres. • Total expenditure \$424,000. 	<ul style="list-style-type: none"> • Delineated coincident chargeability, magnetic and VLF-EM anomalies reflecting skarn and possible porphyry style mineralization. • Trenching encountered magnetite-pyrrhotite skarn breccia averaging 0.3% Cu. No significant Au. • Drilling intersected magnetite-pyrrhotite skarn with up to 0.13% Cu over 13 m. • Drilling of chargeability anomalies did not indicate significant potential for porphyry style mineralization. 	Assessment Reports: #20014, 20020

Soil Sampling:

Soil sampling was conducted in two general areas of the property namely the Hook Lake logging road and the southwest sector of the property. Soil samples were collected along road and along east-west reconnaissance grid lines. Most soils were collected from the "B" horizon, however in a few cases along the road cuts basal till was sampled to allow comparison with the overlying "B" horizon. A total of 162 soils were collected. The geochemical data for all samples is attached in Appendix C and plotted on maps in Appendix I.

Lithochemical Analysis:

In September 2000, S. Zastavnikovich, P. Geo, carried out a statistical study of anomalous core and surface rock samples. The study was directed at results obtained by Vital Pacific Resources in 1988/89. The results of this study are contained under a separate report.

GENERAL GEOLOGY

The Deer Lake property is situated in the southern extension of the Quesnel Trough. Volcanic and sedimentary rocks of the late Triassic to early Jurassic Nicola Group underlie much of the region. These and other Mesozoic assemblages form a structurally complex north-northwesterly trending belt situated between Proterozoic to Paleozoic metamorphosed rocks (Shuswap Metamorphic complex) to the east and extensive Tertiary "plateau" volcanics to the west. Numerous granitic bodies ranging from small plugs to batholiths intrude this belt. The Thuya Batholith, a large (2000 km²) intrusion comprised of diorite, granodiorite, monzonite and gabbro occurs near the south boundary of the Deer Lake property. A number of smaller, granitic intrusions have been mapped in the region north of the Thuya Batholith. Faulting is extensive in the region with the North Thompson River fault being the dominant structure. Regional mapping indicates a number of northwesterly trending splay faults.

LOCAL GEOLOGY

Lithology:

Due to the extensive glacial till cover, 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. Recently constructed logging roads in the central and western portions of the property have created new bedrock exposures.

The Deer Lake property is mostly underlain by Nicola Group rocks that have been intruded by several granitic to mafic intrusions. The approximate outlines of these rocks are displayed on the figures in Appendix I. 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. A report by Westerman (1988) describes the stratified rocks in the central and northern part of the property as trending west-northwest with steep dips to the north. Field observations during the 1999 and 2000 programs 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 rock observed consists of grey to black often limonitic argillite with interbeds of calcareous siltstone and cherty argillite and minor conglomerate. Field observations indicate that the sedimentary sequence trends roughly west northwesterly. Bedding attitudes range from a westerly to north-northwesterly strike and dip steeply, both to the south and north. Fold structures are suspected and visible in outcrop scale

Previous mapping indicates intrusive rocks in the central and northern portions of the property. The largest intrusion occurs 1.5 kilometres southwest of Deer Lake and consists of coarse-grained pyroxene diorite and gabbro. This mid-Jurassic intrusion is thought to be the source of dyke swarms in the Deer Lake area and was responsible for hornfelsing and skarn formation in the sediments near Deer Lake. Two small hornblende granodiorite plugs are also documented between Deer and Iron Lakes and in drill core southeast of Heidi Lake. These slightly younger rocks have been correlated with the Thuya Batholith to the south. Intrusive rocks were observed in the central, southern and southwestern portions of the property. Located in the extreme southwest corner of the property is a granodioritic to dioritic intrusion. These rocks intrude a predominantly sedimentary sequence. Situated easterly and near the southern boundary of the property is a recent road cut of feldspar porphyry (WGR-12) that intrudes Nicola volcanic rocks. Whether this intrusion is a satellite of the nearby Thuya batholith is not certain.

Recently discovered just east of the Taweel Lake road and Hwy 24 junction were numerous limonitic float fragments of a felsic intrusive not seen on the property (WP 249AR). These often subangular rocks occur in shallow glacial till atop a dissimilar looking intrusive. In the writer's 1999 report reference was made to a 1991 discovery of gold mineralized felsic intrusive float 1.4 km southeast of the Deer Lake property (Figure 3). The source has not been identified, however ice directions suggest an up-ice area that may be on or near the Deer Lake property. Interestingly, the recently discovered float looks similar to the float occurrences 4 km to the east. Given the regional ice movement, a direct relationship between these float occurrences is not likely. However, the hypothesis of structurally controlled intrusives "up ice" of the 1991 float occurrences could be relevant to this float discovery.

Structure:

The structural history of the Deer Lake property is not well understood. Drilling in 1988 by Vital Pacific Resources Ltd. (C.J. Westerman) reported a north trending fault cutting an intrusion south of Deer Lake. Near Heidi Lake, a road exposure of sediments is cut by a fault that strikes westerly and dips steeply north. Figure 4 displays the major faults known or inferred in the area. A chain of lakes at the headwaters of Latremouille Creek forms a prominent linear feature that is mapped as a northwesterly trending fault. This fault, referred to as the *Carol-Heidi Lake fault*, can be traced for several kilometres and may be a splay off the North Thompson River fault. A similarly trending structure is indicated along Nehalliston Creek to the northeast. These structures may be important controls for mineralization and the emplacement of small intrusions.

Alteration:

Most lithologies have undergone varying types of alteration. Propylitic alteration of the volcanics ranges from generally weak to locally strong. This is evident in the eastern parts of the property. The sediments, especially the argillites, are often limonite stained due to weathering of fine-grained, disseminated iron sulphides. Hornfelsing of the sediments is evident near intrusive contacts. The intrusive rocks for the most part are relatively fresh with minor chloritic alteration of mafic minerals. Endoskarn is reported in the Deer Lake area especially in the areas of the known mineral occurrences. The recently discovered float along Highway 24 is variably carbonate altered.

Mineralization:

Gold ± copper mineralization has been documented in six occurrences on the Deer Lake property (Appendix I). Virtually all known mineralization occurs within the Nicola rocks, usually the sediments. The most documented occurrence, known as the *Lakeview*, consists of small, irregular garnet-diopside skarn zones containing magnetite, pyrrhotite, pyrite, chalcopyrite and lesser arsenopyrite. Mineralization occurs in calcareous rocks near a dioritic intrusive. Records (1930s) indicated grades of several ounces/ton gold from arsenopyrite rich material. Small shipments of high-grade material were reportedly made. Sampling by J. Barakso and R. Brown, P. Eng. in June (JRD-1, 2) contained high amounts of gold and copper. Previous drilling however failed to develop any sizeable zones, encountering instead narrow areas of lower grade gold-copper mineralization. Located 500 metres south, the *Lakeview South* (Iron Lake) skarn occurrence consists of magnetite bearing breccia containing minor gold.

Another skarn showing related to the mafic intrusive is situated west of Deer Lake. Known as the *PYCU*, this showing occurs in Nicola volcanics with 1 to 10% pyrite and pyrrhotite containing amounts of gold. The *Red* occurrence, located between Deer and Nora Lakes is described as an iron rich skarn within Nicola volcanics near a pyroxene diorite. Minor amounts of copper are reported. Located near the south boundary of the claim block is the *Jan* showing, described as disseminations and fracture fillings of pyrite and chalcopyrite in sediments and volcanics. Approximately two kilometres west-northwest of the Jan showing is the *EC 60 showing*. A 1967 report describes minor pyrrhotite, pyrite and galena in a north-south fracture zone within Nicola Group cherty shale or tuff.

During the 2000 program several areas of mineralization were investigated. The first was located along a recently built logging road located just west of Nora (Hook) Lake. Abundant and often subangular float of garnet-diopside skarn, massive magnetite ± chalcopyrite, and pyritized volcanics were found over a road length of 400 metres (Figures 5A, 5B). Given the above evidence it is likely that the “up ice” source of the float is relatively close and of substantial size. Near the northeast corner of the Hook Lake grid on a small hill, two old pits expose pyrite and magnetite mineralization in andesitic volcanics. Whether this is the “Red” mineral occurrence is not known.

The second occurrence examined was the EC 60 showing. During the late 1980s Teck Corporation conducted a small trenching and sampling program. Sphalerite, galena, pyrrhotite and magnetite occur as disseminations and semi-massive zones in altered argillitic sediments. Felsic intrusive rocks were found nearby and may have played a role in this mineralization. Teck interpreted this showing as “*discontinuous manto style mineralization usually found adjacent to both Cu skarn and porphyry Cu mineralization.*” No drilling was ever carried out on this occurrence.

Prospecting resulted in the discovery of mineralized float in two other areas. One area is south of Heidi Lake near the junction of Blowdown road and Spur “A”. A small fragment (SRA 0+90R) of mafic intrusive was found to contain disseminations of pyrite and chalcopyrite. The source of this float may be the intrusive located approximately 1.5 km to the north. In the same area, R. Brown encountered float consisting of a pyrite rich intrusive (JRD-11) along with a calc-silicate containing 10% pyrite and minor chalcopyrite (JRD-17). Found westerly along Blowdown road were several other occurrences of mineralized float (MWR series) some of which contained gold, arsenic and copper mineralization. The position of these and the previously described occurrences along the Carol-Heidi Lake fault may be significant. These float occurrences are situated along an untested gold geochemical and IP anomaly of Vital Pacific.

Mineralized float found along Highway 24 just east of the Taweel road consists of numerous pieces of subangular limonitic intrusive rock scattered over a width of at least 20 metres. Some fragments contain oxide coated disseminated pyrite and fine limonitic fractures while others were quite magnetic due to disseminated magnetite. A visual similarity with gold mineralized intrusive float four kilometres to the east and the proximity of the Carol-Heidi Lake fault may be significant (Appendix I). Prospecting and sampling “up ice” of this float is warranted.

RESULTS

Stream Sampling:

The stream sample and other sampling data for gold, arsenic, copper and zinc for the 1999 and 2000 programs is presented on a series of 1:5,000 scale maps (Appendix I). Results of the 2000 program are outlined as follows:

Gold:

- Follow-up sampling yielded 9 silt samples >50 ppb Au, the highest being 338 ppb.
- 8 silts had corresponding panned concentrate values >50 ppb with the highest value being 5,150 ppb.
- Most of the anomalous sites were on creeks flowing into Long Island Lake and drain sedimentary terrane.
- Angular visible gold was found in panned concentrate DRPC-50, located 200 m upstream of 1999 sample DR-19 that also contained angular gold.
- DR-46 (338 ppb) yielded the greatest value and is at the headwaters of the previously mentioned creek.
- Follow-up of the Nora Lake anomaly (DW-8) returned weakly anomalous gold in both silt and panned concentrate.
- Silt site DR-48 (200 ppb) and the second highest PC (1,781 ppb) is ~650 m upstream of the DR-17 anomaly and occur in primarily volcanic terrane along the Carol-Heidi Lake fault.

Arsenic:

- Values range up to 240 ppb and occur in sedimentary terrane primarily in the southwest sector.
- Moderate correlation with gold and zinc.

Copper:

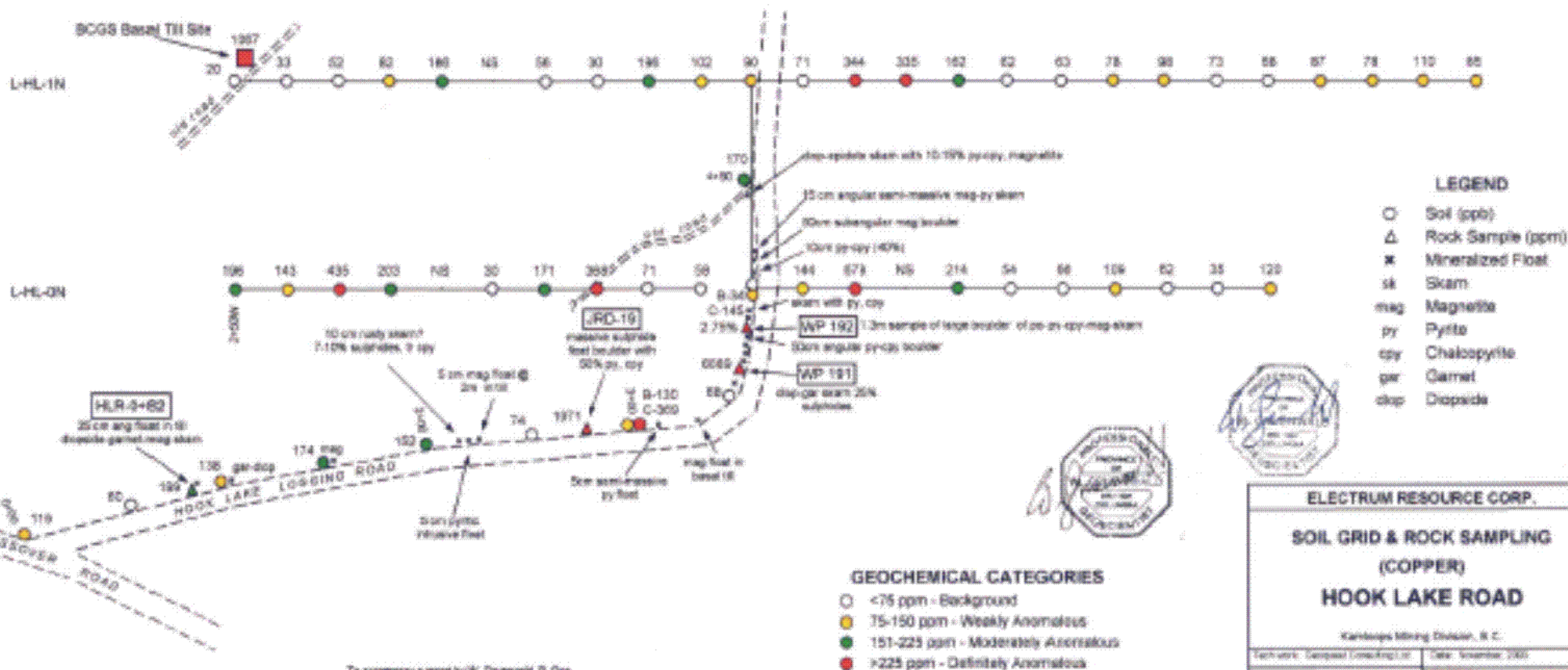
- Values range up to 152 ppm.
- Show a correlation with gold and arsenic.

Zinc:

- Values range up to 587 ppm
- The 3 highest values are in the southwestern area in sedimentary terrain.
- Weak correlation with copper and gold.

Rock Sampling:

Rock sampling yielded anomalous results in three main areas of the property. The first was around the Deer Lake area where sampling of the Lakeview and Lakeview South showings yielded highly anomalous gold, arsenic and copper values (JRD 1, 2, 3, 4). Further east, near Nora (Hook) Lake sampling along a new logging road encountered highly gold and copper mineralized float (Figure 5A, B). Pyritic and magnetite rich float containing chalcopyrite was found over a wide area. *A 1.3 metre chip sample (WP 192) of a large float boulder contained 4.44 g/tonne Au,*

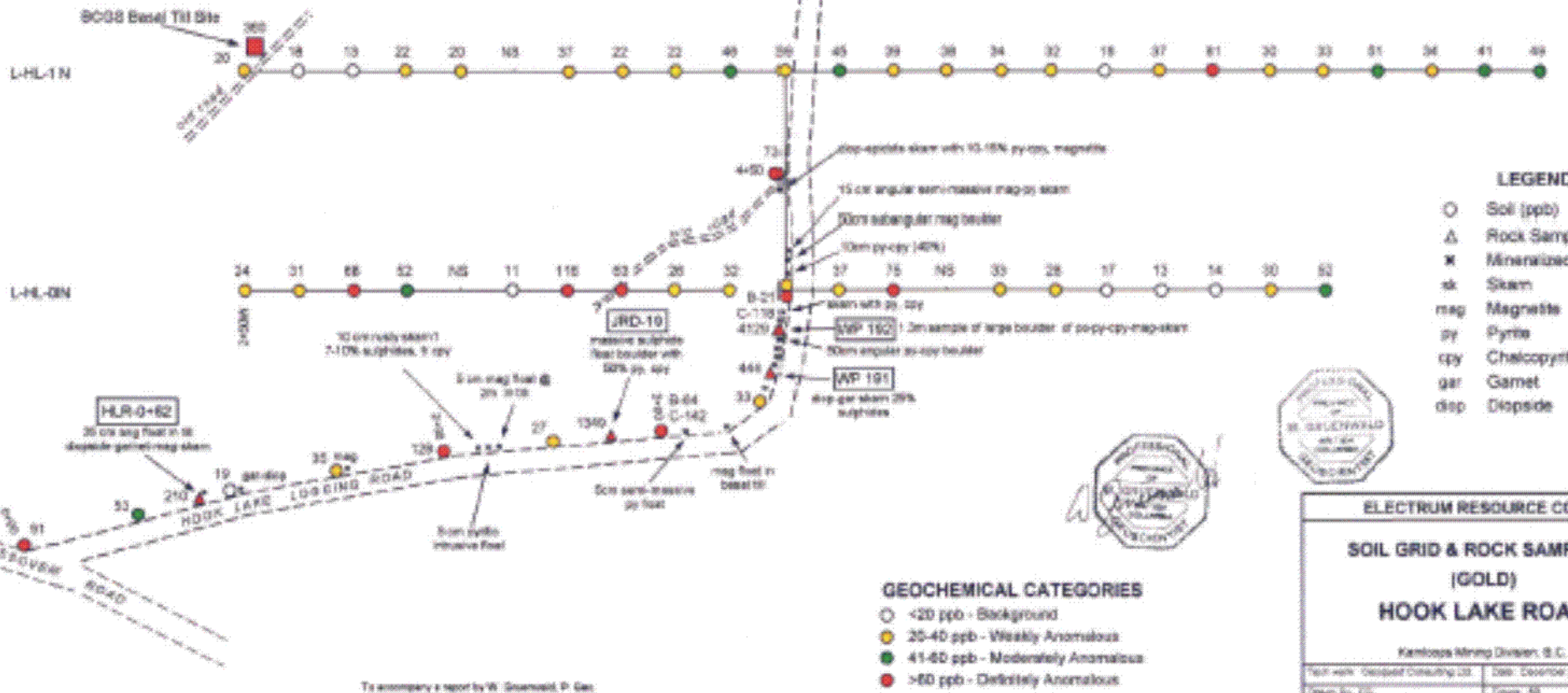
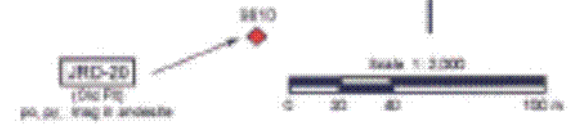


To accompany a report by W. Duesseld, P. Geo.



ELECTRUM RESOURCE CORP.	
SOIL GRID & ROCK SAMPLING (COPPER) HOOK LAKE ROAD	
Kamloops Mining Division, B.C.	
Field work: Campbell Consulting, Inc.	Date: November, 2005
Drawn by: BG	Figure: 3b

inferred ice direction
350'



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



ELECTRUM RESOURCE CORP.

SOIL GRID & ROCK SAMPLING (GOLD)

HOOK LAKE ROAD

Kamloops Mining Division, B.C.

Field work completed by: W. Gieswald, P. Geo.	Date: December, 2005
Drawn by: EG	Figure: 10

17.2 g/tonne silver and 2.75% copper. The only outcrop is seen near the northeast end of the Hook Lake grid where old open cuts exposed pyrite-magnetite-copper mineralization in andesitic rocks. Sample JRD-20 collected by J. Barakso contained **10.26 g/tonne gold and 4.32% copper.**

Rock sampling along Blowdown Creek and near the bottom of Spur "A" encountered a variety of mineralized float. Sample SRA 0+90R consisting of a mafic intrusive with disseminated pyrite and chalcopyrite contained **2.99 g/tonne gold and 4680 ppm copper** as well as highly anomalous molybdenum. A sample from a nearby outcrop of sediment cut by an altered intrusive with abundant fracture controlled pyrite contained 9.4 ppm silver (DRR-45). A float sample collected by R. Brown (JRD-17) along a spur road north of the Blowdown road consists of a pyritic calc-silicate and contained 1,590 ppm arsenic and 873 ppm copper. Other mineralized float was found westerly along Blowdown road (MRW series). Examples include sample MRW 6+85 – a subangular 20 cm cobble of mafic rock with pyrite and magnetite containing weakly anomalous gold and silver and 1,758 ppm copper. Further west sample MRW 12+00R is from a boulder containing a 20 cm wide quartz vein with minor pyrite, chalcopyrite and galena along with moderately anomalous gold and silver.

The limonitic intrusive float (WP 249AR) along Highway 24 was significant in that it contained 251 ppb gold and is visually similar to gold mineralized float found 4 km easterly. In the same area, rusty float of a greenish volcanic (?) with pyrrhotite and chalcopyrite contains 3,145 ppm arsenic and 1,409 ppm copper. The source of both float occurrences is unknown, however further investigation is warranted.

Rock sampling of the EC 60 showing (J. Barakso) was limited to grab samples of lead-zinc bearing float in the area of reclaimed trenches. Sample JRD-10 contained 6% combined lead-zinc, 99.5 g/tonne silver and 3.7 g/tonne gold (Figures 6A-C). Sampling by Homestake (D. Kuran) on mineralized outcrop nearby returned similar values with 7.90 g/tonne gold reported in one sample.

Soil Sampling:

Soil sampling proved effective over the Hook Lake road and grid. Results for both copper and gold indicated anomalous values in soils on both sides of the road but with a bias to the northwest (Figures 5A, B). This is the up ice direction and is supported by the highest BCGS copper basal till sites in the area. Interestingly, The limited basal till sampling by the writer along the Hook Lake road consistently returned higher copper and gold values than in the "B" horizon samples.

Road cut sampling along Spur "A" in the southwest sector yielded generally weakly anomalous levels of copper, gold and silver. Soil SRA 0+50 was the most anomalous on Spur "A" and is located just north of float sample SRA-0+90R that contained significant amounts of copper and gold. Also of note is that road cut basal till samples had lower metal content than the "B" horizon samples. Sampling along Blowdown road (MRW series) revealed that the most anomalous soils for gold, copper and arsenic (Appendix C), tend to occur in the easternmost sites. The anomalous samples along Blowdown road and lower Spur "A" are significant in that they lie along the Carol-Heidi Lake fault and in areas of previously established geochemical and IP anomalies.

Reconnaissance soil Line “A” designed to test the area between Blowdown Road and anomalous drainages and float to the south did not return any anomalous gold or copper values. Samples 9+50W and 10+00W were the most anomalous for zinc (740 ppm, 431 ppm) with the former corresponding to the highest lead value (100 ppm) on the line. There is not an apparent geological explanation for these anomalies.

Reconnaissance soil line “B” straddles the most anomalous creek in the southwest sector and revealed slightly anomalous gold and arsenic and distinctly anomalous zinc. The most anomalous soils for zinc occurs at 1+00E to 3+00E with values up to 934 ppm. This area also has coincident anomalous arsenic and weakly anomalous gold. Argillitic and cherty sediments underlie this area.

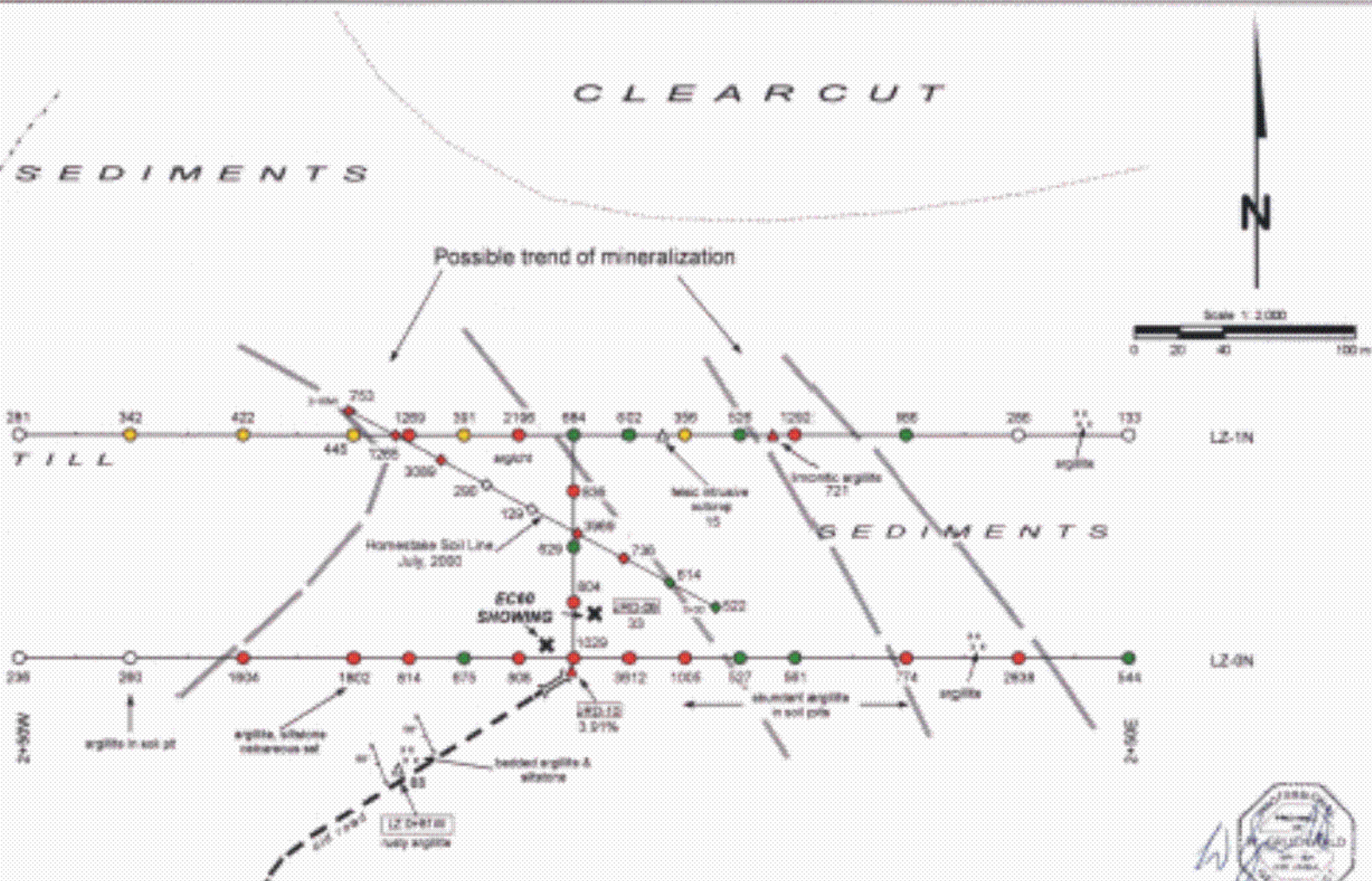
The EC 60 showing was tested by two east-west soil lines and revealed a geochemical signature with very high zinc values over a considerable width. Soil values range up to 3,969 ppm zinc. Zinc anomalous soils extend beyond the known showings and appear to trend roughly north northwesterly, similar to the trend of the local lithologies (Figure 6A). Zinc values show a fair correlation with arsenic and a weak correlation with gold. Soil sample LZ-1N;0+25W returned an extremely anomalous silver value of >100 ppm. This sample is uphill of the known showings and is also highly anomalous in arsenic, antimony, lead and zinc. Soil and rock sampling conducted by Homestake was consistent with the 2000 program data.

Basal Till Survey:

In January 2000 the Geological Survey Branch released the results of a basal till survey for part of map sheets 92P/8 and 92P/9. Those samples within and adjacent to the property are displayed on the geochemical plans. The results show strongly anomalous copper and gold in the vicinity of Deer Lake representing down ice dispersion from mineralized zones in these areas. The strongest gold and copper basal till sites are situated in the vicinity of the Hook Lake road grid and may reflect the recently discovered mineralization.

In the southwest sector, several till sites contain anomalous arsenic, zinc, gold and silver. A comment by R.Brown, points out that there is a significant change in the geochemical signature across the Carol – Heidi Lake fault. Basal till data indicates that samples north of the fault have coincident bismuth and tellurium while the south side has coincident barium, lead, and cadmium. He also states *“that the till and stream samples both directly represent the geochemistry of the underlying stratigraphic packages”*.

In the southeastern area of the property, basal till sites are scarce and thus the potential for an “up ice” source of the nearby gold mineralized intrusive/volcanic float shown on Figure 4 remains unresolved.



LEGEND

- Soil grid line with soil sample
- △ Rock sample
- with arrow Soil/PC sample site
- ◇ Homestake soil site
- || Bedding attitude
- ⌘ Old trench

GEOCHEMICAL CATEGORIES

- <math>< 300\text{ ppm}</math> - Background
- 300-500 ppm - Weakly Anomalous
- 501-700 ppm - Moderately Anomalous
- >700 ppm - Definitely Anomalous

ELECTRUM RESOURCE CORP.	
SOIL GRID & ROCK SAMPLING (ZINC) EC 60 SHOWING	
Kamloops Mining Division, B.C.	
Field work: Geoscan Consulting Ltd.	Date: December 2002
Drawn by: GJ	Figure: 94

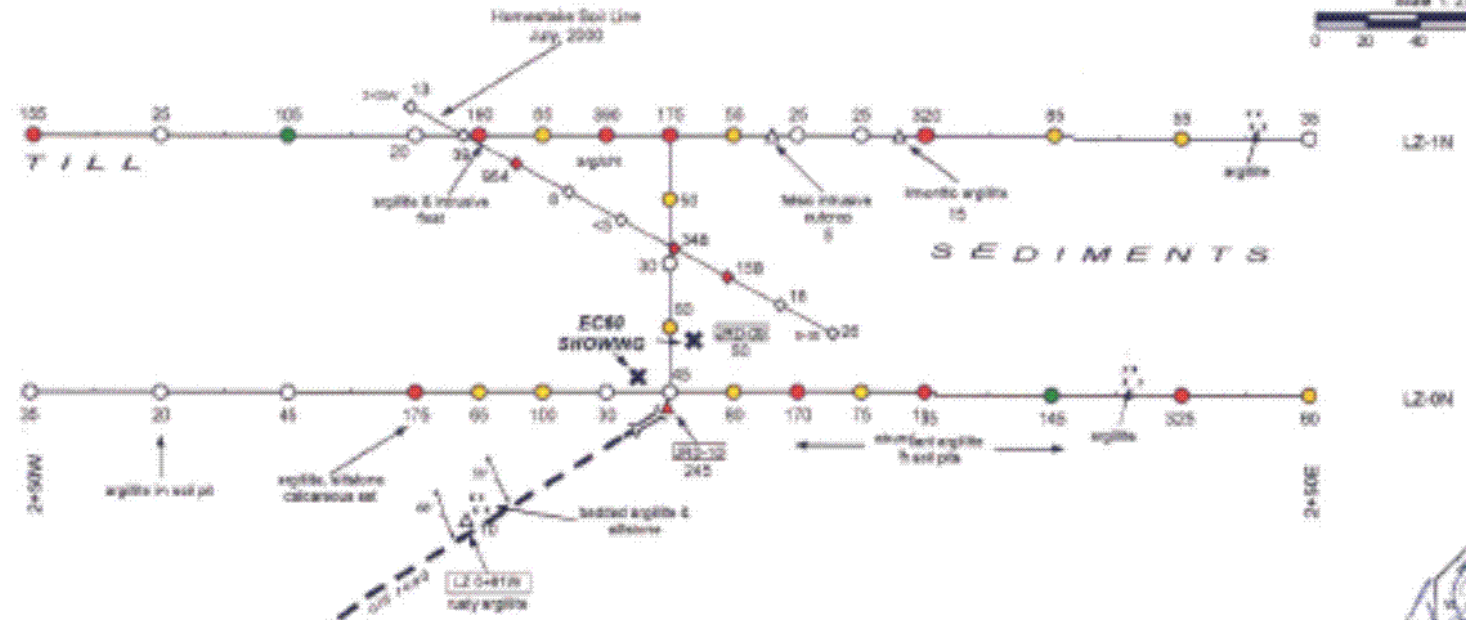
The accompanying report by W. Grunwald, P. Eng.

CLEARCUT

SEDIMENTS



DRILL 35(30)
DRPC-05



- LEGEND**
- Soil grid line with soil sample
 - △ Rock sample
 - +○ SIMPC sample site
 - ◇ Homestake soil site
 - ▬ Bedding attitude
 - ⌋ Old trench

- GEOCHEMICAL CATEGORIES**
- <50 ppm - Background
 - 50-100 ppm - Weakly Anomalous
 - 101-150 ppm - Moderately Anomalous
 - >150 ppm - Definitely Anomalous



ELECTRUM RESOURCE CORP.

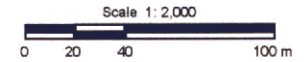
**SOIL GRID & ROCK SAMPLING
(ARSENIC)
EC 60 SHOWING**

Karlsruhe Mining Division, E.C.

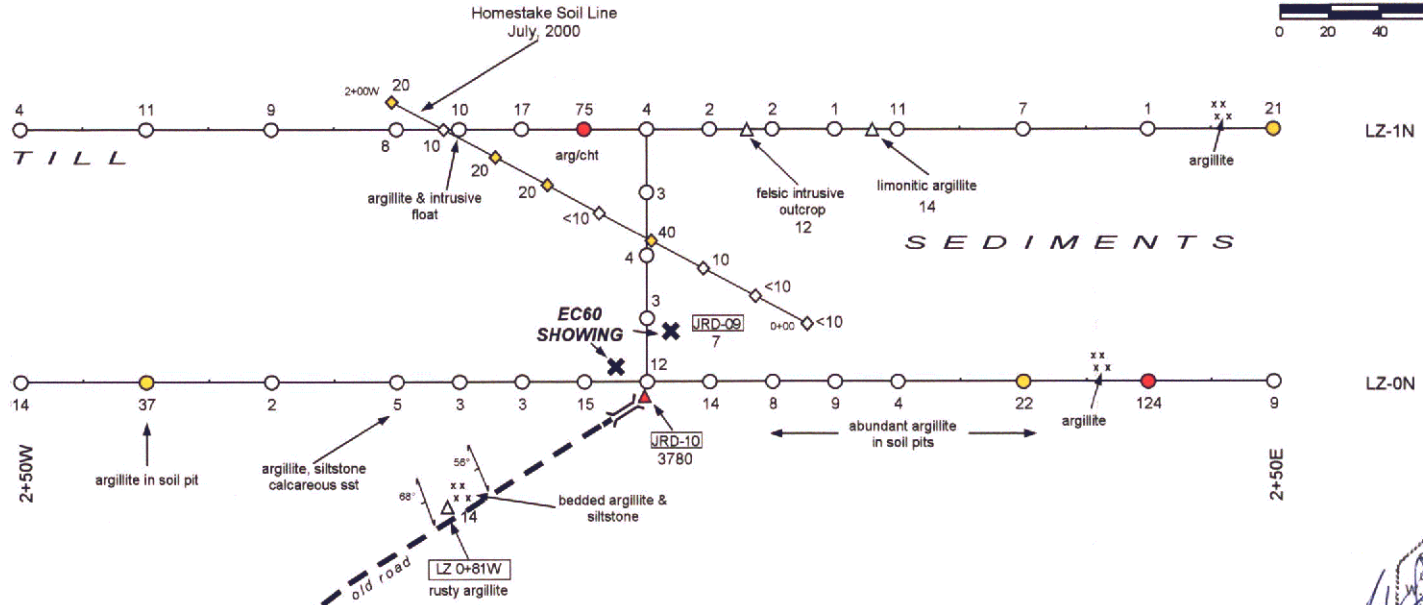
Field work: Geoscan Consulting Ltd	Date: December 2000
Drawn by: BR	Figure: 08

CLEARCUT

SEDIMENTS



DRSL-35 (7)
DRPC-35 (7440)



LEGEND

- Soil grid line with soil sample
- △ Rock sample
- ←○ Silt/PC sample site
- ◇ Homestake soil site
- 28° Bedding attitude
- () Old trench

GEOCHEMICAL CATEGORIES

- <20 ppb - Background
- 20-40 ppb - Weakly Anomalous
- 41-60 ppb - Moderately Anomalous
- >60 ppb - Definitely Anomalous



ELECTRUM RESOURCE CORP.	
SOIL GRID & ROCK SAMPLING (GOLD) EC 60 SHOWING	
Kamloops Mining Division, B.C.	
Tech work: Gequest Consulting Ltd.	Date: November, 2000
Drawn By: EG	Figure: 6C

CONCLUSIONS AND RECOMMENDATIONS

The 2000 exploration program was successful in identifying gold and base metal potential outside of the more explored areas of the property. The two main areas of significance are the Nora Lake area and the southwestern sector of the property. Follow-up work near Nora Lake resulted in the discovery of widespread copper-gold (skarn?) and massive sulphide mineralization in float and soils along a new logging road. The angularity of the float combined with regional ice direction suggests a nearby bedrock source located northwesterly. The source of the gold found in a creek just west of Nora Lake in 1999 remains unresolved.

The southwestern sector continues to indicate the presence of precious and base metal mineralization. The mineralized float along Blowdown road and Spur "A" suggests the up ice presence of more than one mineralized environment. The proximity to a major west-northwest trending linear (Carol-Heidi Lake fault) and previously established gold geochemical and IP anomalies is considered significant and warrants follow-up. Further south the follow-up of gold anomalous streams from the 1999 program continued to yield high gold concentrations. Stream and soil data also indicate localized zinc anomalous zones within an area that is largely underlain by Nicola Group sedimentary rocks. To the west geochemical work around the EC 60 showing revealed highly anomalous zinc over a considerable area with an inferred northwesterly trend. The mineralization also has a substantial precious metal content. Recent logging activity has greatly improved access to this area.

Prospecting also resulted in the discovery of abundant weakly mineralized float along Highway 24. Gold occurs in altered felsic intrusive rock visually similar to highly mineralized float discovered southeast of the property in 1991. This combined with the inferred projection of the Carol-Heidi lake fault through this area may be significant.

The areas outlined above all warrant further exploration. Particular emphasis should be directed toward establishing the source and extent of the Hook Lake road float mineralization. Soil, basal till and rock sampling should be utilized where necessary. The grid on the EC 60 showing should be expanded to further delineate the anomalous zones. Additional prospecting, soil and basal till sampling should be conducted "up-ice" of Blowdown road and Highway 24 to trace the mineralized float.

As indicated in the writer's previous report, the use of airborne geophysics should be considered. Magnetic, electromagnetic and radiometric data could serve to identify intrusives, both exposed and buried, structural features as well as magnetic and/or conductive skarn zones. Such a survey should utilize flight line spacings of 100 metres and be oriented northerly.



Warner Gruenwald, P. Geo.

December 7, 2000

APPENDIX A

SILT AND PANNED CONCENTRATE DESCRIPTIONS

DEER LAKE PROPERTY
SILT AND PANNED CONCENTRATE DESCRIPTIONS

Site	Elev (m)	Source	Width (m)	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
DR-37	1280	040°	1.5-2.0	SITE: On creek flowing into Long Island Lake. DRS-37: 30- 40% subrounded sediments, 10% feldspar porphyry. Rest mixed volcanic & intrusive. DRPC-37:	89 363	0.2	50	60	2	10	169
DR-38	1280	065°	1.0	SITE: On creek flowing into Long Island Lake. DRS-38: 40 to 50% sediments (argillite/siltstone), 30 to 40% volcanics, 10 to 15% intrusive. DRPC-38	182 862	0.2	60	56	4	14	158
DR-39	1525	050°	1.0	SITE: Upstream of DR-35 anomaly in SW sector. DRS-39: Predominantly sedimentary float (argillites).	9	0.6	10	45	2	10	140
DR-40	1290	270°	2.0	SITE: On creek flowing west into Long Island Lake. DRS-40: Predominance of sedimentary float	32	<0.2	15	31	<2	12	187
DR-41	1480	290°	1.5	SITE: Upstream of DR-34 anomaly. Tributary to DR-34 stream. DRS-41: 75% pale green, f.g. volcanics. Remainder feldspar porphyry and cherty sediments.	45	0.2	30	66	<2	12	111
DR-42	1490	020°	0.5-0.8	SITE: 200 m upstream of confluence with DR-41. DRS-42: Predominantly volcanics.	13	0.4	15	65	<2	12	121
DR-43	1500	360°	1.0	SITE: Upstream of DR-41 site. DRS-43: Large subrounded intrusive/feldspar porphyry boulders.	16	<0.2	25	46	<2	10	93
DR-44	1525	130°	0.8-1.0	SITE: Upstream of DR-22 anomaly in western sector of property. DRS-44: Mixed volcanics and sediments.	58	0.2	10	18	2	6	98
DR-45	1460	248°	0.5	SITE: 100m up Spur A from Blowdown Road DRS-45: Float consists of mixed volcanics and sediments. DRPC-45:	153 289	0.2	110	114	2	16	228
DR-46	1535	280°	1.5	SITE: 100 upstream of Spur A crossing. DRS-46: Predominantly grey/black argillite, minor chert. DRPC-46: Moderate magnetite content.	338 54	0.4	25	35	6	12	151
DR-47	1515	225°	0.5	SITE: Upstream of DR-45 site. DRS-47: Predominantly argillite/chert, lesser feldspar porphyry in intrusive.	45	0.2	20	54	2	10	121
DR-48	1340	290°	1.5	SITE: Upstream of DR-17 anomaly above Bonnie Lake. DRS-48: Very coarse rocky stream with a predominance of green volcanics and minor cherty sediments. DRPC-48:	200 1781	0.6	55	98	<2	8	193
DR-49	1375	350°	0.5	SITE: ~150m upstream of DW-8 anomaly near Hook Lake. DRS-49: Predominance of green fine-grained volcanics. DRPC-49: Minor fine-grained magnetite.	53 186	0.4	10	88	<2	14	123
DR-50	1410	345°	1.0	SITE: ~200m upstream of DR-19 anomaly (SW sector). DRS-50: Mixed sediments (argillites, cherts) and green intermediate volcanics. 10-15% limonitic float. Occasional quartz fragment. DRPC-50: Moderate magnetite content and <i>one angular piece of bright yellow gold.</i>	42 5150	0.4	45	86	<2	18	541

DEER LAKE PROPERTY
SILT AND PANNED CONCENTRATE DESCRIPTIONS

Site	Elev (m)	Source	Width (m)	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
DR-51	1380	030°	0.5-1.0	<p>SITE: Near east end of Line "B"</p> <p>DRS-51: Float quite variable with volcanics >sediments (argillite/chert). ~10% rusty float (usually sediments), 1-2% quartz. One green siliceous volcanic with 0.75 cm quartz veinlet.</p> <p>DRPC-51: Minor magnetite, trace pyrite.</p>	67 <i>1050</i>	0.2	25	62	<2	12	140
DR-52	1400	330°	<0.5	<p>SITE: 25m upstream of DR-18 anomaly. Drainage ends at spring.</p> <p>DRS-52: Green volcanics>sediments (20%, 5% limonitic float. Stream sediments on top of clayey basal till.</p> <p>DRPC-52: Moderate magnetite content with some grains to 0.5 mm.</p> <p>DRSL-52A: Basal till sample beneath stream sediment.</p>	32 67 <i>128</i>	<0.2 0.4	80 <i>240</i>	61 152	<2 2	10 24	<i>334</i> <i>587</i>

APPENDIX B

ROCK SAMPLE DESCRIPTIONS

**DEER LAKE PROPERTY
ROCK SAMPLE DESCRIPTION**

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
DRR-00-01	Field: Outcrop near end of Spur "A" Hand Specimen: Dark grey siltstone with fine acicular crystals throughout. Possibly thermally altered. No carbonate. Very fine-grained pyrrhotite. Weakly magnetic.	19	0.8	5	225	4	14	109
DRR-00-02	Field: Outcrop near NW corner of property. Hand Specimen: Grey, medium-grained intermediate intrusive, mafic poor. Disseminated pyrrhotite throughout 3%+ with occasional grains of chalcopyrite. Moderately magnetic.	19	<0.2	<5	12	2	8	52
DRR-00-03	Field: Outcrop Hand Specimen: Dark grey argillite/siltstone. Trace to 1% disseminated pyrrhotite. Strongly limonitic on fractures. Weak carbonate.	4	<0.2	<5	9	<2	6	65
DRR-00-04	Field: Outcrop Hand Specimen: Grey argillitic? Rock with disseminations of pyrite and traces of chalcopyrite. No carbonate. Non-magnetic.	16	<0.2	<5	11	<2	14	98
DRR-00-05	Field: Outcrop along Blowdown Road Hand Specimen: Grey, siliceous sedimentary breccia comprised of subangular fragments of chert, cherty argillite. Abundant fine-grained pyrite throughout matrix (~4-5%). No carbonate. Non-magnetic.	14	<0.2	<5	11	<2	10	77
DRR-00-06	Field: Outcrop. Hand Specimen: Very limonitic, subangular boulders of pale green-grey felsic intrusive (?). bleached appearance. Trace disseminated pyrite.	8	<0.2	<5	13	<2	12	90
DRR-45	Field: Outcrop in ditch line near DRS-45 silt sample Hand Specimen: Rusty, weathered, grey-green altered intrusive or tuff? With abundant fine-grained pyrite on fractures.	14	9.4	<5	12	<2	8	125
DRR-46	Field: Subangular float in primarily sedimentary terrain. Hand Specimen: Grey, medium-grained weakly carbonated epidote altered intrusive? Possibly an altered tuff. Some coarse granular calcite patches. Minor pyrite ± pyrrhotite. Trace chalcopyrite. Very weakly magnetic	90	<0.2	<5	17	<2	4	88
HLR-0+82R	Field: Subangular float in till along Hook Lake road. Hand Specimen: Very limonitic, dark green skarn rock comprised of several clots of massive magnetite.	210	0.4	<5	199	<2	30	141
L-A 1+59	Field: Float along soil line A Hand Specimen: Grey-green, banded cherty sediment. Locally with minor carbonate. Disseminated, fine-grained pyrrhotite ~0.5%. Trace arsenopyrite? (striated crystals).							
L-A 2+00W	Field: Float, possibly representing intrusive cutting sediments. Hand Specimen: Pale green-grey, fine to medium-grained "crowded" feldspar porphyry (dyke?). Quartz <10%. Trace pyrrhotite. No carbonate.							
L-A 4+58W	Field: Outcrop along ridge cut by possible fault (330°). Hand Specimen: Grey, heterolithic conglomerate comprised primarily of siltstone, chert and argillite. Fragments to 1 cm. Trace pyrrhotite and carbonate. Non-magnetic.							

DEER LAKE PROPERTY
ROCK SAMPLE DESCRIPTION

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
L-B 1+50E	Field: Outcrop: 6m at 030° from L-B 1+50E Hand Specimen: Grey, cherty argillite, siltstone. Trace pyrrhotite, chalcopyrite Very weakly magnetic. No carbonate.	17	0.4	60	106	6	8	84
L-B 1+50W	Field: Outcrop of dyke cutting bedded argillite at west end of Line B. Hand Specimen: Pale grey-brown, medium-grained feldspar porphyry. Moderate amounts of fine carbonate in matrix. Non-magnetic.							
LZ 0 0+81W	Field: Outcrop of bedded argillite/siltstone along old road near trenches at EC 60 showing.	14	2.4	10	161	6	30	88
LZ 1N 0+40E	Field: Outcrop of medium-grained pinkish intrusive	12	0.2	5	15	2	14	15
LZ 1N 0+90E	Field: Outcrop of massive locally limonitic argillite	14	0.8	15	87	2	66	721
MRW 06+35R	Field: Cobble of subangular float along Blowdown Road. Hand Specimen: Very limonitic, subangular, fine-grained siliceous volcanic with 10% pyrite and trace chalcopyrite. Appears to be a volcanic fragmental.	4	<0.2	<5	11	<2	2	42
MRW 06+85R	Field: Subangular float (20 cm) along Blowdown Road. Hand Specimen: Subangular, very limonitic dark green mafic rock with disseminations of pyrite and local clots of magnetite.	85	3.2	40	1758	4	54	28
MRW 09+05R	Field: Float from south bank of Blowdown Road Hand Specimen: Pale green-grey siliceous sedimentary rock. Disseminated, fine-grained pyrrhotite 2%. Trace silvery white mineral (arsenopyrite?). Weak to moderate carbonate. Weakly magnetic.	17	0.8	835	138	4	22	144
MRW 11+30R	Field: Float boulder (30cm) in till at .75m depth along Blowdown road.. Hand Specimen: Pale green-grey, very fine-grained locally calcareous sediment. Disseminated pyrite, pyrrhotite and trace chalcopyrite. Total sulphides ~2%. Weakly magnetic.	4	0.2	5	239	14	8	17
MRW 12+00R	Field: Subangular float boulder (45 cm) with 20cm wide quartz vein. Boulder on top of till sheet. Hand Specimen: Milky quartz vein with 1% disseminated pyrrhotite, chalcopyrite and lesser amounts of galena, sphalerite.	217	3.4	<5	668	4	882	2
MRW 13+00R	Field: Float boulder (35cm) in top 1m of till along Blowdown road. Hand Specimen: Grey, banded chert in quartz micro veinlets and trace pyrrhotite. Very weak carbonate on fractures.	12	0.4	305	73	30	24	286
SRA 0+90R	Field: Float in thick till sheet along Spur "A" Hand Specimen: Dark green, limonitic, medium-grained mafic intrusive (pyroxenite?) with disseminated chalcopyrite, pyrite (5-7%). No carbonate. Non-magnetic.	3316	11.4	20	4680	692	24	56
SRA 4+50R	Field: Subangular float along Spur "A" Hand Specimen: Limonite weathered pale grey medium to coarsely crystalline carbonate. Local disseminations of pyrite 1-1.5%. Traces of galena noted. Non-magnetic.	15	0.4	30	91	4	54	121
WP 187(R)	Field: Float (15 cm) uphill of RMR-5 mineralized float. Hand Specimen: Milky white, vuggy quartz-carbonate vein. Minor pyrite, chalcopyrite.	8	0.2	5	13	2	<2	11
WP 191(R)	Field: Float fragments in till along Hook Lake road. Hand Specimen: Dark green skarn comprised of diopside-red-brown, fine-grained garnet and 15% pyrite-chalcopyrite. Sulphides as fine-grained disseminations, clots and fracture fillings. Weakly magnetic. No carbonate.	444	7.0	85	6689	<2	34	153

DEER LAKE PROPERTY
ROCK SAMPLE DESCRIPTION

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
WP 249A(R)	Field: numerous angular float pebbles and cobbles along both sides of Highway 24. Hand Specimen 1: Pale brown, limonite stained, medium grained intermediate intrusive. Moderately abundant carbonate throughout. Trace disseminated pyrite, pyrrhotite. Non-magnetic. Hand Specimen 2, 3: Pale brown, mottled, medium-grained felsic intrusive cut by limonitic fractures. Quartz ≤10%. Disseminated magnetite 1-1.5%. Strongly magnetic. Trace to 1% pyrite as 0.5 to 1mm cubes	251	0.2	20	46	8	10	51
WP 250(R)	Field: Several pieces of float in cut bank on south side of Hwy 24. Hand Specimen: Brown and black very fine-grained volcanic(?) with local semi-massive sulphides comprised of pyrrhotite with minor chalcopyrite. Locally strongly magnetic.	33	0.6	3145	1409	>2	44	129
WP 256(R)	Field: Overturned tree exposing angular volcanic float in sedimentary terrain along Line A. Hand Specimen: Limonitic weathered, grey-green mafic porphyritic intrusive. Dark green phenocrysts of hornblende to 3mm. Disseminate pyrrhotite 2%+. Moderately magnetic. Moderate to strong carbonate alteration.	3	<0.2	<5	124	<2	4	85
WP 257(R)	Field: Outcrop along old exploration road that intersects L-A at 6+32. Hand Specimen: Dark grey argillite with occasional "eyes" of quartz. Disseminated and streaks of pyrite <1%.	6	0.4	5	66	6	8	101
Zn Showing	Field: Samples from old trenched area. Hand Specimen 1: Dark green-grey sphalerite-pyrrhotite zone. Patches of needle-like actinolite and minor garnet. No carbonate. Strongly magnetic. Hand Specimen 2: Green, dense, fine-grained massive pyrrhotite-sphalerite, minor galena. Fine carbonate in matrix.	3780	83.8	245	227	<2	1.98%	3.91%

APPENDIX C

ANALYTICAL DATA AND METHODOLOGY



8282 Sherbrooke St.
 Vancouver, B.C.
 V5X 4R6
 Tel: (604) 327-3436
 Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

0V-0512-CG1

Company: **Barakso Consultants**
 Project: Deer Lake
 Attn: John Barakso

Nov-08-00

We hereby certify the following geochemical analysis of 16 pan concentrate samples submitted Oct-12-00 by Rob Montgomery.

Sample Name	Au PPB	Hg PPB
DRPC-50	5150	10
DRPC-51	1050	25
DRPC-52	67	15

Certified by _____ *[Signature]*

Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: Pan concentrate

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0512 CJ

Date : Nov-08-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Tl %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
DRPC-50	4.6	1.50	10	50	<0.5	<5	1.57	1	20	309	28	7.47	0.08	0.99	710	<2	0.03	38	640	14	5	4	<10	71	0.28	228	<10	6	172	
DRPC-51	<0.2	1.42	5	50	<0.5	<5	1.07	1	20	191	24	5.93	0.07	1.06	740	<2	0.03	39	610	18	<5	3	<10	54	0.27	190	<10	4	100	
DRPC-52	<0.2	1.33	20	30	<0.5	<5	1.11	<1	16	189	20	7.08	0.08	1.02	440	<2	0.03	32	830	12	5	3	<10	60	0.21	247	<10	5	149	

TOTAL P.03

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Barakso

Barakso Consultants

Attention: John Barakso

Project:

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0446 SJ


Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LZ B/L 0+25N	0.4	2.10	50	300	<0.5	<5	0.56	1	14	51	43	3.58	0.07	0.56	1225	<2	0.02	61	1000	72	<5	2	<10	71	0.10	59	<10	3	804	4
LZ B/L 0+50N	0.8	1.55	30	240	<0.5	<5	0.75	2	13	58	50	3.32	0.06	0.59	1210	<2	0.01	50	860	56	<5	3	<10	90	0.09	60	<10	6	629	3
LZ B/L 0+75N	0.4	2.23	50	240	<0.5	<5	0.44	<1	16	69	50	4.12	0.06	0.54	740	<2	0.01	64	900	32	5	3	<10	58	0.10	68	<10	3	836	3
LZ B/L 1+00N	0.4	2.08	175	170	<0.5	<5	0.38	<1	14	71	39	3.93	0.05	0.62	870	<2	0.01	42	1050	42	5	3	<10	39	0.09	75	<10	3	684	3
LZ 0 0+00	0.2	2.40	45	240	<0.5	<5	0.37	1	12	49	26	2.95	0.13	0.42	885	<2	0.02	55	970	40	<5	3	<10	35	0.11	43	<10	4	1029	7
LZ 0 0+25E	1.6	2.28	80	360	<0.5	<5	0.40	2	9	79	60	4.15	0.10	0.76	1765	<2	0.01	69	770	506	5	7	<10	52	0.12	60	10	14	3612	9
LZ 0 0+50E	1.0	1.22	170	200	<0.5	<5	1.00	<1	11	53	65	3.11	0.06	0.51	1375	<2	0.01	53	860	74	<5	3	<10	108	0.08	47	<10	8	1005	4
LZ 0 0+75E	0.6	1.40	75	170	<0.5	<5	0.53	<1	14	42	41	2.83	0.06	0.36	1195	<2	0.01	42	1100	28	<5	2	<10	56	0.08	49	<10	3	527	3
LZ 0 1+00E	0.2	1.76	195	240	<0.5	<5	0.40	<1	14	67	47	3.59	0.09	0.83	750	<2	0.01	47	470	38	<5	3	<10	50	0.11	70	<10	3	561	3
LZ 0 1+50E	0.6	2.10	145	190	<0.5	<5	0.58	<1	10	57	62	5.32	0.06	0.47	1550	<2	0.01	75	810	54	5	4	<10	68	0.08	52	<10	7	774	9
LZ 0 2+00E	0.8	2.26	325	160	<0.5	<5	0.37	<1	14	82	53	5.26	0.07	1.09	850	2	0.01	50	580	108	5	5	<10	76	0.12	104	10	5	2838	4
LZ 0 2+50E	0.4	1.94	60	160	<0.5	<5	0.37	<1	15	64	42	4.11	0.05	0.68	570	2	0.01	56	1030	18	<5	3	<10	55	0.11	87	<10	3	544	3
LZ 0 0+25W	0.4	1.89	30	270	<0.5	<5	0.58	2	10	42	28	3.08	0.05	0.31	810	<2	0.02	66	880	30	<5	3	<10	56	0.08	37	<10	3	808	5
LZ 0 0+50W	0.4	2.10	100	200	<0.5	<5	0.43	<1	14	61	42	3.62	0.07	0.58	780	<2	0.01	59	650	30	<5	3	<10	54	0.11	67	<10	4	675	4
LZ 0 0+75W	0.4	1.79	65	210	<0.5	<5	0.47	1	15	75	48	3.70	0.11	0.80	1455	<2	0.01	47	790	50	<5	3	<10	72	0.10	77	<10	4	814	3
LZ 0 1+00W	0.8	2.49	175	190	<0.5	<5	0.38	<1	12	69	31	3.97	0.12	0.54	1035	<2	0.01	61	1110	148	5	4	<10	87	0.11	68	<10	5	1802	4
LZ 0 1+50W	1.0	2.22	45	230	<0.5	<5	0.38	3	14	62	27	3.97	0.08	0.54	1240	<2	0.01	41	2190	276	<5	3	<10	37	0.11	69	<10	3	1604	6
LZ 0 2+00W	0.2	1.85	20	140	<0.5	<5	0.33	1	14	67	26	3.69	0.07	0.83	640	<2	0.01	38	2010	16	<5	3	<10	35	0.10	75	<10	2	260	3
LZ 0 2+50W	0.4	2.39	35	140	<0.5	<5	0.25	<1	16	75	71	3.79	0.07	0.75	395	<2	0.01	55	900	18	<5	4	<10	28	0.11	78	<10	6	236	5
LZ 1N 0+25E	0.2	1.21	55	160	<0.5	<5	0.30	<1	13	43	21	3.37	0.04	0.24	570	<2	0.01	41	850	36	<5	2	<10	37	0.09	58	<10	3	602	3
LZ 1N 0+50E	0.6	2.27	25	240	<0.5	<5	0.36	<1	13	60	33	3.87	0.05	0.56	385	2	0.01	52	810	32	<5	3	<10	40	0.12	72	<10	4	356	5
LZ 1N 0+75E	0.4	1.50	25	120	<0.5	<5	0.27	2	14	46	32	3.66	0.05	0.28	1295	<2	0.01	51	1180	28	<5	2	<10	29	0.08	59	<10	2	526	3
LZ 1N 1+00E	0.4	2.53	320	200	<0.5	<5	0.41	<1	16	111	209	4.47	0.09	1.25	885	<2	0.01	67	590	40	5	6	<10	56	0.12	98	<10	4	1292	4
LZ 1N 1+50E	0.6	2.23	85	230	<0.5	<5	0.32	<1	18	72	44	4.78	0.07	0.72	470	<2	0.01	52	1270	20	5	3	<10	94	0.10	85	<10	3	666	4
LZ 1N 2+00E	0.8	1.93	55	160	<0.5	<5	0.20	<1	13	21	26	3.92	0.05	0.22	720	2	0.01	25	1430	18	5	1	<10	63	0.13	59	<10	2	286	5
LZ 1N 2+50E	<0.2	2.13	35	120	<0.5	<5	0.52	<1	17	102	63	4.47	0.06	1.38	435	2	0.01	49	730	14	5	4	<10	57	0.12	104	<10	4	133	4
LZ 1N 0+25W	>100.0	2.56	390	220	<0.5	<5	0.34	<1	16	74	168	5.50	0.10	0.73	1285	<2	0.01	57	1570	1298	210	3	<10	53	0.11	74	<10	3	2196	5
LZ 1N 0+50W	1.0	1.83	65	130	<0.5	<5	0.27	<1	13	65	22	4.07	0.07	0.62	995	<2	0.01	33	1550	28	5	2	<10	31	0.10	80	<10	2	391	3
LZ 1N 0+75W	0.8	2.62	190	130	<0.5	<5	0.28	<1	13	49	24	4.61	0.09	0.48	760	<2	0.01	65	1290	70	5	3	<10	50	0.13	64	<10	5	1269	9
LZ 1N 1+00W	0.4	1.63	20	210	<0.5	<5	0.47	1	15	60	19	3.57	0.05	0.45	1310	<2	0.01	39	700	34	<5	2	<10	41	0.10	79	<10	3	445	3

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.



Barakso Consultants

Attention: John Barakso

Project:

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0446 SJ

Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LZ 1N 1+50W	0.2	2.26	105	160	<0.5	<5	0.46	<1	16	79	28	4.03	0.08	0.87	505	<2	0.01	53	650	22	5	3	<10	49	0.13	90	<10	3	422	4
LZ 1N 2+00W	0.2	1.46	25	140	<0.5	<5	0.37	<1	12	66	44	3.40	0.05	0.61	425	<2	0.01	42	870	26	<5	3	<10	59	0.10	77	<10	3	342	3
LZ 1N 2+50W	1.0	2.78	155	170	<0.5	<5	0.73	<1	14	71	84	3.88	0.07	0.58	1410	<2	0.02	71	530	16	5	4	<10	65	0.12	92	<10	9	281	10

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.



Barakso Consultants

Attention: John Barakso

Project:

Sample: Rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0446 RJ

Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LZ 1N 0+40R	0.2	0.16	5	30	<0.5	<5	0.08	<1	1	113	15	1.10	0.12	0.04	115	2	0.05	4	140	14	<5	<1	<10	9	0.01	3	<10	4	15	11
LZ 1N 0+90R	0.8	0.92	15	160	<0.5	<5	0.44	5	11	161	87	2.92	0.29	0.86	605	2	0.03	60	640	66	5	2	<10	35	0.13	59	<10	7	721	5
LZ 0+81W	2.4	0.46	10	120	<0.5	<5	1.08	<1	11	126	161	2.65	0.22	0.29	65	6	0.03	44	2130	30	5	2	<10	152	0.14	46	<10	17	88	8

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.





Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Control Approved

Geochemical Analysis Certificate

0V-0446-RG1

Company: **Barakso Consultants**
Project:
Attn: **John Barakso**

Oct-12-00

We hereby certify the following geochemical analysis of 3 rock samples submitted Sep-27-00 by Rob Montgomery.

Sample Name	Au PPB
LZ 1N 0+40R	12
LZ 1N 0+90R	14
LZ 0+81W	14

Certified by



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Sampling for over 20 Years

Geochemical Analysis Certificate

0V-0446-SG1

Company: **Barakso Consultants**
Project:
Attn: **John Barakso**

Oct-12-00

We *hereby certify* the following geochemical analysis of 24 soil samples submitted Sep-27-00 by Rob Montgomery.

Sample Name	Au PPB
LZ B/L 0+25N	3
LZ B/L 0+50N	4
LZ B/L 0+75N	3
LZ B/L 1+00N	4
LZ 0 0+00	12
LZ 0 0+25E	14
LZ 0 0+50E	8
LZ 0 0+75E	9
LZ 0 1+00E	4
LZ 0 1+50E	22
LZ 0 2+00E	124
LZ 0 2+50E	9
LZ 0 0+25W	15
LZ 0 0+50W	3
LZ 0 0+75W	3
LZ 0 1+00W	5
LZ 0 1+50W	2
LZ 0 2+00W	37
LZ 0 2+50W	14
LZ 1N 0+25E	2
LZ 1N 0+50E	2
LZ 1N 0+75E	1
LZ 1N 1+00E	11
LZ 1N 1+50E	7

Certified by



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assurance for over 20 Years

Geochemical Analysis Certificate

0V-0446-SG2

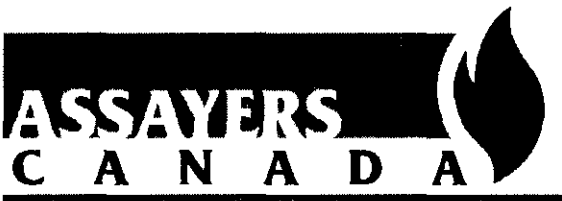
Company: **Barakso Consultants**
Project:
Attn: **John Barakso**

Oct-12-00

We hereby certify the following geochemical analysis of 9 soil samples submitted Sep-27-00 by Rob Montgomery.

Sample Name	Au PPB
LZ 1N 2+00E	1
LZ 1N 2+50E	21
LZ 1N 0+25W	75
LZ 1N 0+50W	17
LZ 1N 0+75W	10
LZ 1N 1+00W	8
LZ 1N 1+50W	9
LZ 1N 2+00W	11
LZ 1N 2+50W	4

Certified by



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality is always our priority

Geochemical Analysis Certificate

0V-0442-LG1

Oct-12-00

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

We *hereby certify* the following geochemical analysis of 4 silt samples submitted Sep-25-00 by Warner Gruenwald.

Sample Name	Au PPB
DRS-50	42
DRS-51	67
DRS-52	32
DRSL-52A	128

Certified by _____

Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: Silt

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0442 LJ

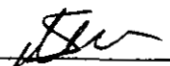
Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
DRS-50	0.4	1.92	45	90	<0.5	<5	1.17	1	19	135	86	4.97	0.08	1.22	780	<2	0.01	55	960	18	5	5	<10	68	0.12	115	<10	6	541	5
DRS-51	0.2	1.61	25	80	<0.5	<5	1.06	1	18	147	62	4.62	0.06	1.13	855	<2	0.01	53	900	12	5	3	<10	54	0.13	116	<10	5	140	5
DRS-52	<0.2	1.37	80	40	<0.5	<5	0.86	<1	15	104	61	4.24	0.06	1.11	425	<2	0.01	35	1190	10	<5	4	<10	48	0.12	110	<10	6	334	5
DRSL-52A	0.4	2.06	240	80	<0.5	<5	0.94	<1	26	112	152	5.12	0.12	1.45	925	2	0.02	64	1180	24	5	7	<10	62	0.13	114	<10	10	587	6

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃ at 95c for 2 hours and diluted to 25ml with D.I.H₂O.





Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Canadian Council of Assayers

Geochemical Analysis Certificate

0V-0442-RG1

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

Oct-12-00

We hereby certify the following geochemical analysis of 5 rock samples submitted Sep-25-00 by Warner Gruenwald.

Sample Name	Au PPB
WP 249AR	251
WP 250R	33
WP 256R	3
WP 257R	6
LB 1+50E (R)	17

Certified by

Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: Rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0442 RJ

Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
WP 249AR	0.2	0.29	20	50	<0.5	<5	3.01	<1	10	23	46	4.40	0.10	0.42	860	8	0.04	7	1230	10	<5	6	<10	57	0.01	73	<10	7	51	4
WP 250R	0.6	0.70	3145	20	<0.5	15	0.25	<1	51	16	1409	>15.00	0.03	0.37	235	<2	0.01	814	550	44	10	<1	<10	19	0.05	37	<10	<1	129	18
WP 256R	<0.2	2.28	<5	40	<0.5	<5	1.63	<1	23	47	124	6.09	0.20	1.66	785	<2	0.02	21	1470	4	5	3	<10	30	0.15	130	<10	6	85	10
WP 257R	0.4	0.89	5	50	<0.5	<5	0.57	<1	12	101	66	2.96	0.14	1.04	535	6	0.02	56	1780	8	<5	3	<10	15	0.13	35	<10	9	101	9
LB 1+50E (R)	0.4	0.95	60	40	<0.5	<5	0.52	<1	19	82	106	3.25	0.11	0.85	225	6	0.03	67	1010	8	<5	3	<10	19	0.21	53	<10	6	84	4

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.





Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Barakso Consultants

Geochemical Analysis Certificate

0V-0442-SG1

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

Oct-12-00

We *hereby certify* the following geochemical analysis of 24 soil samples submitted Sep-25-00 by Warner Gruenwald.

Sample Name	Au PPB
L-HL-0 0+25E	37
L-HL-0 0+50E	75
L-HL-0 1+00E	33
L-HL-0 1+25E	28
L-HL-0 1+50E	17
L-HL-0 1+75E	13
L-HL-0 2+00E	14
L-HL-0 2+25E	30
L-HL-0 2+50E	52
L-HL-0 0+25W	32
L-HL-0 0+50W	26
L-HL-0 0+75W	63
L-HL-0 1+00W	116
L-HL-0 1+25W	11
L-HL-0 1+75W	52
L-HL-0 2+00W	68
L-HL-0 2+25W	31
L-HL-0 2+50W	24
L-HL 1+00N 0+25E	45
L-HL 1+00N 0+50E	39
L-HL 1+00N 0+75E	38
L-HL 1+00N 1+00E	34
L-HL 1+00N 1+25E	32
L-HL 1+00N 1+50E	16

Certified by

Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0442 SJ

Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L-HL-0 0+25E	0.2	2.24	25	130	<0.5	<5	0.30	<1	22	84	144	4.73	0.06	1.04	420	<2	0.01	38	850	18	5	4	<10	30	0.14	100	<10	3	118	5
L-HL-0 0+50E	2.4	4.05	50	200	<0.5	<5	0.99	<1	30	93	678	6.05	0.08	0.91	690	2	0.02	77	1050	24	5	13	<10	64	0.16	85	<10	23	132	16
L-HL-0 1+00E	1.4	2.69	15	130	<0.5	<5	1.32	<1	22	64	214	4.30	0.04	0.85	845	<2	0.02	32	790	12	<5	4	<10	72	0.12	74	<10	6	92	6
L-HL-0 1+25E	0.2	1.89	15	90	<0.5	<5	0.33	<1	16	91	54	4.63	0.05	0.86	255	<2	0.01	25	980	14	5	3	<10	32	0.15	101	<10	2	116	5
L-HL-0 1+50E	0.4	1.63	15	80	<0.5	<5	0.30	<1	13	69	66	4.53	0.04	0.65	200	<2	0.01	22	600	14	<5	3	<10	31	0.16	108	<10	1	61	4
L-HL-0 1+75E	0.4	2.11	10	170	<0.5	<5	0.45	<1	17	110	109	4.63	0.10	0.92	405	<2	0.01	49	740	16	5	4	<10	37	0.12	103	<10	4	101	4
L-HL-0 2+00E	0.8	2.73	5	120	<0.5	<5	0.28	<1	19	85	62	4.66	0.06	0.69	235	2	0.01	39	940	12	5	4	<10	21	0.16	90	<10	3	138	9
L-HL-0 2+25E	<0.2	1.10	5	100	<0.5	<5	0.30	<1	12	45	35	3.15	0.05	0.50	490	<2	0.01	15	760	10	<5	2	<10	22	0.13	76	<10	1	84	3
L-HL-0 2+50E	0.2	2.58	10	120	<0.5	<5	0.44	<1	27	92	120	5.45	0.06	1.59	570	<2	0.01	40	950	16	5	5	<10	44	0.17	126	<10	3	123	6
L-HL-0 0+25W	0.2	1.75	15	110	<0.5	<5	0.35	<1	18	60	58	4.28	0.05	0.81	890	<2	0.01	22	1850	12	<5	3	<10	30	0.14	92	<10	1	116	4
L-HL-0 0+50W	0.4	1.30	15	60	<0.5	<5	0.26	<1	14	47	71	3.61	0.05	0.51	435	2	0.01	17	1090	14	<5	2	<10	22	0.11	74	<10	1	68	3
L-HL-0 0+75W	0.6	3.74	20	140	<0.5	<5	0.38	<1	29	205	368	6.21	0.09	1.91	815	2	0.01	96	690	16	5	7	<10	35	0.14	128	<10	4	137	6
L-HL-0 1+00W	0.4	2.40	25	90	<0.5	<5	0.39	<1	22	85	171	5.12	0.06	1.28	430	2	0.01	37	980	14	5	4	<10	38	0.14	105	<10	2	100	4
L-HL-0 1+25W	0.6	1.23	15	50	<0.5	<5	0.28	<1	8	42	30	3.47	0.03	0.34	120	4	0.02	13	390	16	<5	2	<10	19	0.15	79	<10	<1	47	5
L-HL-0 1+75W	0.8	1.93	10	80	<0.5	<5	0.58	<1	14	44	203	4.81	0.03	0.46	195	2	0.02	18	460	14	<5	3	<10	32	0.15	81	<10	6	144	6
L-HL-0 2+00W	<0.2	2.25	135	80	<0.5	<5	0.86	<1	27	89	435	5.83	0.05	1.52	650	2	0.01	43	890	12	5	5	<10	51	0.13	108	<10	6	164	5
L-HL-0 2+25W	0.2	2.39	20	110	<0.5	<5	0.63	<1	18	84	143	5.00	0.05	1.07	400	2	0.01	36	530	12	5	4	<10	37	0.14	111	<10	3	127	4
L-HL-0 2+50W	2.0	2.38	25	140	<0.5	<5	0.56	<1	17	80	196	4.57	0.07	0.79	800	4	0.02	42	530	28	5	5	<10	35	0.13	99	<10	5	87	4
L-HL 1+00N 0+25E	0.2	1.58	15	80	<0.5	<5	0.33	<1	13	64	71	4.19	0.05	0.69	210	2	0.01	21	540	14	<5	3	<10	32	0.16	99	<10	2	58	4
L-HL 1+00N 0+50E	1.2	5.57	30	180	<0.5	<5	0.55	<1	30	93	344	6.31	0.08	1.04	370	<2	0.02	56	2050	14	5	7	<10	43	0.17	106	<10	8	119	18
L-HL 1+00N 0+75E	1.4	3.20	40	160	<0.5	<5	0.64	<1	21	89	335	5.83	0.06	1.10	925	2	0.02	44	790	18	5	7	<10	55	0.14	109	<10	16	102	6
L-HL 1+00N 1+00E	1.0	2.69	25	120	<0.5	<5	1.54	<1	22	82	162	5.16	0.05	1.12	565	2	0.02	37	870	14	<5	5	<10	78	0.10	86	<10	8	85	7
L-HL 1+00N 1+25E	0.4	2.01	10	100	<0.5	<5	0.32	<1	12	100	62	4.52	0.04	0.75	170	2	0.01	33	380	12	<5	3	<10	32	0.14	106	<10	3	68	5
L-HL 1+00N 1+50E	0.2	3.54	10	160	<0.5	<5	0.29	<1	21	87	63	4.80	0.06	0.94	275	2	0.01	39	800	10	5	4	<10	29	0.15	97	<10	3	107	15
L-HL 1+00N 1+75E	0.6	2.67	15	110	<0.5	<5	0.37	<1	23	97	78	5.36	0.06	1.25	370	<2	0.01	39	1280	12	<5	4	<10	27	0.13	105	<10	3	134	9
L-HL 1+00N 2+00E	0.2	2.91	10	100	<0.5	<5	0.39	<1	31	96	98	5.84	0.06	1.61	550	<2	0.01	37	2150	14	5	5	<10	42	0.13	126	<10	3	117	7
L-HL 1+00N 2+25E	0.2	2.72	10	110	<0.5	<5	0.35	<1	24	84	73	5.33	0.06	1.23	425	<2	0.01	33	2540	14	5	4	<10	33	0.14	111	<10	2	143	7
L-HL 1+00N 2+50E	0.4	2.51	15	140	<0.5	<5	0.48	<1	33	88	68	6.05	0.07	1.28	820	<2	0.01	32	2170	20	<5	4	<10	44	0.12	104	<10	2	116	6
L-HL 1+00N 2+75E	0.4	2.90	10	100	<0.5	<5	0.39	<1	25	109	87	5.78	0.06	1.79	475	<2	0.01	40	1290	14	5	5	<10	50	0.14	131	<10	3	110	5
L-HL 1+00N 3+00E	0.2	2.51	10	100	<0.5	<5	0.35	<1	23	86	78	5.05	0.05	1.14	450	<2	0.01	31	1460	14	<5	4	<10	32	0.13	112	<10	3	114	5

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.



Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0442 SJ

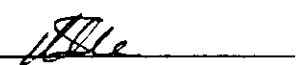
Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L-HL 1+00N 3+25E	0.2	2.53	20	100	<0.5	<5	0.37	<1	23	79	110	5.26	0.06	1.18	625	<2	0.01	34	1300	14	<5	4	<10	34	0.15	104	<10	3	170	5
L-HL 1+00N 3+50E	0.6	2.62	15	90	<0.5	<5	0.40	1	28	41	85	5.21	0.06	0.55	855	<2	0.02	23	2700	16	<5	3	<10	26	0.14	71	<10	3	194	12
L-HL 1+00N 0+00 B/L	0.6	2.02	15	80	<0.5	<5	0.30	<1	17	127	90	4.52	0.06	1.08	255	<2	0.01	35	540	16	<5	4	<10	30	0.17	103	<10	4	81	5
L-HL 1+00N 0+25W	0.6	2.12	35	110	<0.5	<5	0.40	<1	16	73	102	5.24	0.05	0.87	255	2	0.01	25	450	18	<5	4	<10	41	0.20	134	<10	3	83	6
L-HL 1+00N 0+50W	0.6	3.79	30	160	<0.5	<5	0.24	<1	29	77	196	5.67	0.08	0.93	465	2	0.01	43	1250	18	<5	5	<10	25	0.15	102	<10	4	150	12
L-HL 1+00N 0+75W	0.4	2.26	15	60	<0.5	<5	0.28	<1	18	61	30	4.34	0.04	0.71	260	<2	0.01	20	1220	14	<5	3	<10	26	0.14	89	<10	2	96	6
L-HL 1+00N 1+00W	0.2	2.25	20	80	<0.5	<5	0.36	<1	16	75	56	4.80	0.06	0.95	260	<2	0.01	23	1210	12	<5	3	<10	33	0.15	106	<10	2	66	6
L-HL 1+00N 1+50W	0.8	3.08	25	170	<0.5	<5	0.67	<1	29	107	186	5.57	0.07	1.17	730	2	0.02	49	560	18	<5	7	<10	48	0.14	112	<10	8	100	9
L-HL 1+00N 1+75W	0.4	2.54	20	140	<0.5	<5	0.34	<1	20	90	82	5.23	0.07	1.01	365	2	0.01	33	1020	14	<5	4	<10	30	0.15	107	<10	3	110	5
L-HL 1+00N 2+00W	0.4	2.59	20	60	<0.5	<5	0.25	<1	18	46	52	5.66	0.05	0.49	250	<2	0.02	19	2100	14	<5	3	<10	19	0.15	111	<10	2	100	8
L-HL 1+00N 2+25W	0.2	1.81	10	80	<0.5	<5	0.66	<1	15	62	33	4.81	0.09	0.72	315	<2	0.01	20	1330	14	<5	3	<10	41	0.14	95	<10	2	136	4
L-HL 1+00N 2+50W	0.4	2.71	15	120	<0.5	<5	0.56	<1	19	66	69	4.94	0.06	1.03	395	2	0.01	33	1020	12	<5	3	<10	43	0.15	96	<10	3	124	5
LA 0+50W	<0.2	2.37	50	140	<0.5	<5	0.76	<1	23	112	79	4.85	0.07	1.37	630	2	0.01	53	530	16	<5	6	<10	55	0.14	109	<10	7	129	5
LA 1+50W	2.4	3.44	85	200	<0.5	<5	1.02	<1	19	98	167	5.02	0.09	0.88	750	4	0.02	72	770	18	5	8	<10	66	0.13	98	<10	14	171	9
LA 2+00W	0.4	2.96	75	100	<0.5	<5	0.21	<1	15	45	14	3.63	0.04	0.46	295	8	0.01	28	1370	12	<5	2	<10	20	0.11	66	<10	3	245	6
LA 2+50W	0.4	2.58	80	140	<0.5	<5	0.37	<1	24	65	28	4.91	0.06	0.69	500	4	0.01	70	1300	18	<5	3	<10	30	0.12	93	<10	2	434	6
LA 3+00W	0.8	3.52	100	210	<0.5	<5	0.26	<1	27	84	77	5.75	0.06	0.94	445	2	0.01	95	1300	20	5	4	<10	31	0.15	102	<10	3	272	14
LA 3+50W	0.4	1.59	15	120	<0.5	<5	0.30	<1	15	27	16	3.41	0.03	0.18	700	2	0.02	43	570	14	<5	2	<10	23	0.13	59	<10	3	194	5
LA 4+00W	0.4	1.23	230	150	<0.5	<5	0.42	<1	15	31	30	7.35	0.05	0.25	1330	2	0.02	45	1370	18	5	2	<10	52	0.12	85	<10	3	253	5
LA 4+50W	0.2	2.40	35	240	<0.5	<5	0.41	<1	16	45	24	4.40	0.04	0.34	595	<2	0.01	56	1070	14	5	2	<10	37	0.14	72	<10	4	231	7
LA 5+00W	1.2	2.36	55	150	<0.5	<5	0.18	<1	17	81	89	9.67	0.06	0.37	765	6	0.01	64	2520	36	5	4	<10	41	0.17	112	<10	4	349	10
LA 5+50W	<0.2	2.96	55	180	<0.5	<5	0.37	<1	21	104	70	5.16	0.07	1.32	885	<2	0.01	62	790	14	5	4	<10	31	0.14	118	<10	4	174	4
LA 6+00W	0.4	1.95	30	80	<0.5	<5	0.12	<1	9	61	26	7.95	0.04	0.36	295	4	0.01	27	2050	20	5	2	<10	13	0.17	108	<10	2	174	9
LA 6+50W	0.4	3.05	45	140	<0.5	<5	0.33	<1	20	95	47	5.07	0.06	1.08	340	2	0.01	52	830	16	5	4	<10	25	0.14	114	<10	4	169	5
LA 7+00W	0.4	3.42	70	250	<0.5	<5	0.36	<1	21	88	45	4.93	0.05	0.99	370	2	0.01	62	900	18	5	4	<10	52	0.13	108	<10	4	259	9
LA 7+50W	0.6	2.20	30	440	<0.5	<5	0.31	<1	14	57	19	4.63	0.04	0.64	435	2	0.01	69	990	14	<5	3	<10	46	0.13	84	<10	4	267	4
LA 8+00W	0.4	2.49	40	250	<0.5	<5	0.30	<1	18	65	45	4.82	0.05	0.68	375	2	0.01	63	2320	14	5	3	<10	119	0.11	78	<10	4	253	5
LA 8+50W	0.4	3.02	40	120	<0.5	<5	0.30	<1	13	81	30	4.81	0.05	0.76	280	2	0.01	32	1770	12	5	3	<10	22	0.13	97	<10	4	165	6
LA 9+00W	0.4	1.40	25	110	<0.5	<5	0.19	<1	9	31	12	3.76	0.04	0.20	280	2	0.01	30	710	14	5	1	<10	21	0.13	60	<10	4	163	4
LA 9+50W	1.0	3.23	25	150	<0.5	<5	0.20	2	15	55	20	4.11	0.05	0.50	1200	2	0.02	36	1550	100	5	3	<10	20	0.13	69	<10	4	740	7

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.



Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

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Report No : 0V0442 SJ

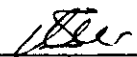
Date : Oct-12-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LA 10+00W	1.0	3.64	35	210	<0.5	<5	0.25	<1	23	88	40	5.08	0.06	0.82	555	2	0.01	68	1150	26	5	4	<10	23	0.15	98	<10	5	431	13
LA 10+50W	1.0	2.56	20	140	<0.5	<5	0.23	<1	13	52	29	3.77	0.05	0.56	300	2	0.01	47	1530	10	<5	3	<10	26	0.13	67	<10	4	191	7
LA 11+00W	1.6	3.58	50	220	<0.5	<5	0.91	1	20	96	106	4.73	0.06	0.87	1450	2	0.02	135	620	16	5	6	<10	86	0.16	80	<10	14	222	14
LB 0+25E	0.4	2.99	135	130	<0.5	<5	0.39	<1	20	79	37	4.49	0.10	0.87	350	<2	0.02	54	1860	12	5	3	<10	32	0.14	90	<10	3	269	5
LB 0+50E	0.4	2.16	35	100	<0.5	<5	0.34	<1	17	52	15	3.80	0.07	0.51	335	<2	0.02	33	1530	12	<5	3	<10	28	0.14	77	<10	3	283	5
LB 0+75E	0.4	2.44	65	110	<0.5	<5	0.35	<1	22	103	59	4.77	0.10	1.01	385	2	0.01	70	1530	12	5	4	<10	39	0.14	100	<10	3	330	6
LB 1+00E	0.2	2.20	55	120	<0.5	<5	0.29	<1	15	34	9	2.85	0.07	0.34	730	2	0.02	37	2170	10	<5	2	<10	24	0.13	55	<10	2	508	7
LB 1+50E	0.2	2.53	80	130	<0.5	<5	0.51	<1	18	89	49	4.51	0.14	1.12	380	<2	0.01	60	780	30	<5	4	<10	47	0.15	98	<10	4	447	4
LB 2+00E	0.4	2.34	245	100	<0.5	<5	0.40	<1	15	85	36	4.26	0.08	1.03	400	2	0.01	44	590	20	5	3	<10	37	0.13	95	<10	3	934	4
LB 2+50E	0.6	2.94	120	190	<0.5	<5	0.39	<1	19	83	37	4.28	0.13	1.02	390	2	0.01	69	990	12	5	4	<10	34	0.14	87	<10	4	809	9
LB 3+00E	0.6	3.27	125	100	<0.5	<5	0.48	<1	21	89	48	4.50	0.08	0.84	380	<2	0.02	51	1040	14	5	4	<10	28	0.14	91	<10	4	813	11
LB 3+50E	0.6	2.63	25	110	<0.5	<5	0.38	<1	17	59	26	4.20	0.08	0.67	280	2	0.02	62	990	12	<5	3	<10	46	0.17	75	<10	4	382	7
LB 4+00E	0.4	1.91	25	100	<0.5	<5	1.10	<1	20	92	76	4.24	0.06	1.08	870	2	0.02	39	520	16	<5	6	<10	59	0.14	99	<10	5	115	6
LB 4+50E	0.8	2.48	25	150	<0.5	<5	1.35	2	19	85	97	4.16	0.08	0.91	1525	2	0.02	52	740	16	<5	5	<10	68	0.13	90	<10	7	233	6
LB 5+00E	1.2	2.66	35	160	<0.5	<5	1.21	2	18	78	150	4.13	0.07	0.70	1225	2	0.02	67	910	18	<5	5	<10	58	0.13	88	<10	9	286	8
LB 0+25W	0.2	2.27	30	120	<0.5	<5	0.42	<1	17	80	24	4.04	0.07	0.95	495	<2	0.01	37	1680	10	<5	3	<10	47	0.14	88	<10	3	187	4
LB 0+50W	0.2	1.32	15	100	<0.5	<5	0.31	1	10	35	8	2.54	0.07	0.31	695	<2	0.02	19	710	8	<5	2	<10	22	0.11	54	<10	2	192	2
LB 0+75W	0.4	2.68	30	100	<0.5	<5	0.40	<1	17	75	33	4.09	0.09	0.71	400	2	0.02	50	1670	14	<5	3	<10	34	0.14	83	<10	4	221	10
LB 1+00W	0.6	3.45	15	170	<0.5	<5	0.42	1	17	50	18	3.96	0.08	0.51	640	<2	0.02	48	2160	16	<5	3	<10	37	0.14	68	<10	3	281	8
LB 1+50W	0.2	2.76	45	130	<0.5	<5	0.43	<1	17	97	44	4.98	0.09	1.09	375	<2	0.01	58	1130	16	5	4	<10	47	0.14	107	<10	3	204	4

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.





Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Geochemical Analysis Certificate

0V-0442-SG2

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

Oct-12-00

We hereby certify the following geochemical analysis of 24 soil samples submitted Sep-25-00 by Warner Gruenwald.

Sample Name	Au PPB
L-HL 1+00N 1+75E	37
L-HL 1+00N 2+00E	81
L-HL 1+00N 2+25E	30
L-HL 1+00N 2+50E	33
L-HL 1+00N 2+75E	51
L-HL 1+00N 3+00E	34
L-HL 1+00N 3+25E	41
L-HL 1+00N 3+50E	49
L-HL 1+00N 0+00 B/L	39
L-HL 1+00N 0+25W	46
L-HL 1+00N 0+50W	22
L-HL 1+00N 0+75W	22
L-HL 1+00N 1+00W	37
L-HL 1+00N 1+50W	20
L-HL 1+00N 1+75W	22
L-HL 1+00N 2+00W	13
L-HL 1+00N 2+25W	18
L-HL 1+00N 2+50W	20
LA 0+50W	47
LA 1+50W	23
LA 2+00W	71
LA 2+50W	11
LA 3+00W	16
LA 3+50W	5

Certified by



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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

0V-0442-SG3

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

Oct-12-00

We *hereby certify* the following geochemical analysis of 24 soil samples submitted Sep-25-00 by Warner Gruenwald.

Sample Name	Au PPB
LA 4+00W	21
LA 4+50W	6
LA 5+00W	19
LA 5+50W	19
LA 6+00W	12
LA 6+50W	22
LA 7+00W	13
LA 7+50W	8
LA 8+00W	16
LA 8+50W	28
LA 9+00W	7
LA 9+50W	14
LA 10+00W	13
LA 10+50W	10
LA 11+00W	13
LB 0+25E	18
LB 0+50E	8
LB 0+75E	38
LB 1+00E	12
LB 1+50E	46
LB 2+00E	35
LB 2+50E	26
LB 3+00E	19
LB 3+50E	13

Certified by



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Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality assurance for over 25 years

Geochemical Analysis Certificate

0V-0442-SG4

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

Oct-12-00

We *hereby certify* the following geochemical analysis of 8 soil samples submitted Sep-25-00 by Warner Gruenwald.

Sample Name	Au PPB
LB 4+00E	28
LB 4+50E	10
LB 5+00E	10
LB 0+25W	25
LB 0+50W	4
LB 0+75W	9
LB 1+00W	11
LB 1+50W	12

Certified by

Barakso Consultants

Attention:

Project: Deer Lake

Sample:

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0294 RJ

Date : Jul-13-00

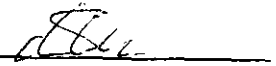
MULTI-ELEMENT ICP ANALYSIS

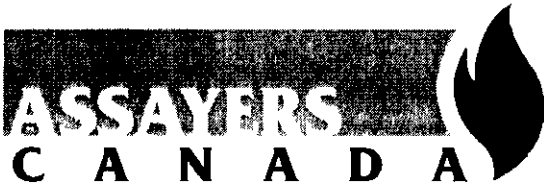
Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
DRR-46	<0.2	1.06	<5	50	0.5	<5	0.13	<1	8	99	17	1.26	0.27	0.17	35	<2	0.01	18	120	4	5	7	<10	6	0.01	42	<10	5	88	2
MRW 6+35 R	<0.2	0.76	<5	50	0.5	<5	0.20	<1	2	61	11	0.76	0.20	0.14	15	<2	0.01	5	150	2	<5	4	<10	9	<0.01	25	<10	5	42	3
MRW 6+85 R	3.2	1.12	40	50	<0.5	20	1.73	<1	61	75	1758	>15.00	0.15	0.47	515	4	0.01	50	3580	54	10	2	<10	29	0.06	184	<10	3	28	27
MRW 9+05 R	0.8	1.00	835	40	<0.5	<5	1.29	<1	30	92	138	2.79	0.10	0.70	555	4	0.03	48	400	22	5	3	<10	18	0.09	81	<10	3	144	8
MRW 11+30 R	0.2	1.09	5	40	<0.5	<5	0.81	<1	37	20	239	5.21	0.09	1.26	290	14	0.02	15	1280	8	<5	2	<10	18	0.10	31	<10	7	17	6
MRW 12+00 R	3.4	0.03	<5	10	<0.5	5	0.11	<1	3	232	668	0.73	0.01	0.02	95	4	0.02	6	120	882	5	<1	<10	13	<0.01	1	<10	<1	2	1
MRW 13+00 R	0.4	0.96	305	30	<0.5	<5	2.72	<1	9	62	73	1.66	0.02	0.22	285	30	0.02	35	1650	24	5	1	<10	40	0.07	40	<10	7	286	9
SRA 0+90 R	11.4	0.91	20	60	<0.5	5	0.24	<1	20	42	4680	9.95	0.07	0.58	210	692	0.02	14	710	24	<5	2	<10	16	0.09	80	<10	<1	56	9
SRA 4+50 R	0.4	0.82	30	120	<0.5	<5	6.36	<1	15	39	91	4.68	0.14	0.97	2145	4	0.02	26	1210	54	<5	7	<10	272	0.02	38	<10	9	121	6

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: _____





Assayers Canada
8282 Sherbrooke St.
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Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

0V-0294-CG1

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn:

Jul-13-00

We hereby certify the following geochemical analysis of 6 concentrate samples submitted Jul-04-00 by W Gruenwald, J Barakso.

Sample Name	Au ppb
DRPC-37	363
DRPC-38	862
DRPC-45	289
DRPC-46	54
DRPC-48	1781
DRPC-49	186

Certified by



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8282 Sherbrooke St.
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Tel: (604) 327-3436
Fax: (604) 327-3423

Quality assaying for over 25 years

Geochemical Analysis Certificate

0V-0302-RG1

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

Jul-17-00

We *hereby certify* the following geochemical analysis of 1 rock sample submitted Jul-10-00 by Warner Gruenwald.

Sample Name	Au ppb
HLR 0+82	210

Certified by



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 30 Years

Geochemical Analysis Certificate

0V-0302-SG1

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn: **John Barakso**

Jul-17-00

We *hereby certify* the following geochemical analysis of 12 soil samples submitted Jul-10-00 by Warner Gruenwald.

Sample Name	Au PPB
HLS 0+00	91
HLS 0+50	53
HLS 1+00	19
HLS 1+50	35
HLS 2+00	128
HLS 2+50	27
HLS 3+00	64
HLS 3+00C	142
HLS 3+50	33
HLS 4+00	21
HLS 4+00C	118
HLS 4+50	73

Certified by

Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0302 RJ

Date : Jul-17-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
HLR 0+82	0.4	0.43	<5	50	<0.5	10	5.90	2	7	43	199	>15.00	0.04	0.28	985	<2	0.01	11	460	30	5	<1	<10	4	0.03	39	<10	4	141	13

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO₃ at 95c for 2 hours and diluted to 25ml with D.I.H₂O.



Barakso Consultants

Attention: John Barakso

Project: Deer Lake

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0302 SJ

Date : Jul-17-00

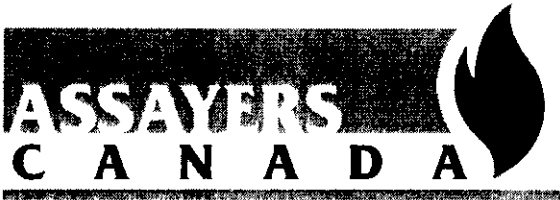
MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
HLS 0+00	0.4	2.11	35	130	<0.5	<5	1.05	<1	15	72	119	4.65	0.04	0.83	335	4	0.01	42	420	8	<5	4	<10	48	0.12	157	<10	6	161	7
HLS 0+50	0.4	2.50	25	110	<0.5	<5	0.40	<1	19	80	60	5.53	0.07	0.85	270	2	0.01	36	1210	8	<5	3	<10	24	0.12	106	<10	2	188	8
HLS 1+00	1.0	3.20	30	130	<0.5	<5	0.32	<1	21	81	138	5.94	0.07	0.88	295	2	0.01	47	1550	16	5	4	<10	25	0.12	97	<10	4	153	10
HLS 1+50	0.8	2.35	15	80	<0.5	<5	0.95	<1	18	92	174	4.75	0.04	1.00	230	6	0.01	52	470	8	<5	3	<10	49	0.10	83	<10	5	70	6
HLS 2+00	0.8	2.50	25	90	<0.5	<5	0.31	<1	26	94	152	5.66	0.06	1.10	365	<2	0.01	43	1320	6	5	3	<10	24	0.11	101	<10	2	115	7
HLS 2+50	0.6	3.40	15	90	<0.5	<5	0.31	<1	16	61	74	4.53	0.06	0.48	180	2	0.01	30	1570	6	<5	3	<10	20	0.13	90	<10	3	76	19
HLS 3+00	0.4	1.91	20	60	<0.5	<5	0.23	<1	16	62	130	4.55	0.05	0.74	215	2	0.01	23	1010	10	<5	3	<10	17	0.10	89	<10	2	66	8
HLS 3+00C	0.2	2.02	35	70	<0.5	<5	0.63	<1	27	95	369	5.96	0.06	1.61	550	2	0.01	45	910	12	<5	5	<10	39	0.11	118	<10	5	76	7
HLS 3+50	0.6	2.65	25	90	<0.5	<5	0.23	<1	24	92	68	5.26	0.06	1.13	390	<2	0.01	37	1380	10	<5	4	<10	22	0.12	101	<10	3	110	15
HLS 4+00	0.6	1.86	15	90	<0.5	<5	0.20	<1	16	46	34	3.50	0.05	0.50	375	<2	0.01	16	1710	8	<5	2	<10	16	0.10	69	<10	2	88	8
HLS 4+00C	0.2	2.01	45	60	<0.5	<5	0.44	<1	25	98	145	5.23	0.06	1.73	510	<2	0.01	38	760	12	5	5	<10	39	0.13	108	<10	4	72	5
HLS 4+50	0.2	2.93	25	100	<0.5	<5	0.41	<1	33	120	170	5.88	0.07	1.77	530	<2	0.01	53	1250	12	5	5	<10	37	0.12	118	<10	3	122	7

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H2O.





Assayers Canada
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Tel: (604) 327-3436
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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

0V-0294-LG1

Jul-13-00

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn:

We hereby certify the following geochemical analysis of 13 silt samples submitted Jul-04-00 by W Gruenwald, J Barakso.

Sample Name	Au PPB
DRS-37	89
DRS-38	182
DRS-39	9
DRS-40	32
DRS-41	45
DRS-42	13
DRS-43	16
DRS-44	58
DRS-45	153
DRS-46	338
DRS-47	45
DRS-48	200
DRS-49	53

Certified by

Barakso Consultants

Attention:

Project: Deer Lake

Sample: silt

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0294 LJ

Date : Jul-13-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
DRS-37	0.2	1.54	50	70	<0.5	<5	0.62	<1	17	101	60	4.22	0.05	1.21	1020	2	0.01	50	1040	10	5	3	<10	40	0.07	93	<10	5	169	5
DRS-38	0.2	1.26	60	60	<0.5	<5	0.68	<1	17	91	56	4.19	0.06	1.08	865	4	0.01	39	1190	14	5	3	<10	54	0.07	89	<10	5	158	4
DRS-39	0.6	1.80	10	110	<0.5	<5	0.99	1	12	69	45	3.31	0.04	0.87	650	2	0.01	41	1190	10	<5	2	<10	80	0.07	64	<10	5	140	5
DRS-40	<0.2	1.05	15	50	<0.5	<5	0.90	<1	13	69	31	3.43	0.04	0.87	515	<2	0.01	27	950	12	5	2	<10	47	0.08	77	<10	4	187	4
DRS-41	0.2	1.91	30	70	<0.5	<5	0.76	<1	22	178	66	5.28	0.11	1.50	985	<2	0.01	51	1120	12	5	5	<10	56	0.08	104	<10	8	111	6
DRS-42	0.4	1.97	15	80	<0.5	<5	0.82	1	18	160	65	4.89	0.06	1.02	915	<2	0.02	44	1160	12	5	4	<10	48	0.12	109	<10	10	121	6
DRS-43	<0.2	1.93	25	60	<0.5	<5	0.44	<1	18	123	46	5.07	0.05	1.12	555	<2	0.01	37	740	10	5	3	<10	38	0.12	114	<10	6	93	6
DRS-44	0.2	1.31	10	70	<0.5	<5	0.77	<1	11	89	18	3.81	0.04	1.01	940	2	0.01	29	1580	6	5	3	<10	44	0.09	91	<10	5	98	4
DRS-45	0.2	1.90	110	100	<0.5	<5	0.76	<1	23	117	114	4.84	0.08	1.30	780	2	0.01	57	1210	16	5	5	<10	52	0.08	102	<10	7	228	5
DRS-46	0.4	1.24	25	220	<0.5	<5	0.94	1	17	97	35	4.84	0.04	0.76	7020	6	0.01	53	1360	12	<5	2	<10	74	0.11	115	<10	5	151	4
DRS-47	0.2	1.72	25	100	<0.5	<5	0.70	<1	18	101	54	3.98	0.05	1.09	550	2	0.01	47	750	10	5	4	<10	46	0.08	86	<10	5	121	5
DRS-48	0.6	1.39	55	90	<0.5	<5	0.78	<1	16	90	98	4.07	0.05	0.89	665	<2	0.01	59	930	8	<5	4	<10	54	0.11	105	<10	7	193	4
DRS-49	0.4	1.98	10	160	<0.5	<5	1.07	1	24	149	88	4.81	0.05	1.17	2060	<2	0.01	43	1800	14	5	3	<10	51	0.04	69	<10	9	123	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO₃ at 95c for 2 hours and diluted to 25ml with D.I.H₂O.



Barakso Consultants

Attention:
Project: Deer Lake
Sample: Soil


Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0294 SJ
Date : Jul-13-00

MULTI-ELEMENT ICP ANALYSIS
Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
SRA 0+50	0.6	2.44	255	80	0.5	<5	0.38	<1	29	91	177	5.35	0.07	1.19	720	4	0.01	61	1350	24	5	4	<10	29	0.06	97	<10	4	247	6
SRA 1+00	0.6	3.43	75	140	0.5	<5	0.17	<1	16	70	47	4.52	0.04	0.63	225	2	0.01	33	2800	14	<5	3	<10	14	0.08	83	<10	3	197	15
SRA 1+50	0.6	3.00	135	110	0.5	<5	0.33	<1	23	91	105	5.27	0.04	1.09	505	2	0.01	48	1710	18	5	3	<10	47	0.06	96	<10	3	211	6
SRA 2+00	1.0	3.52	85	270	0.5	<5	0.87	<1	27	114	218	5.86	0.09	1.23	1920	4	0.02	80	1070	22	5	7	<10	60	0.11	107	<10	10	284	11
SRA 2+50	0.6	3.05	130	210	0.5	<5	1.04	<1	27	122	161	5.72	0.08	1.26	1025	4	0.01	81	850	24	5	8	<10	78	0.09	114	<10	11	312	10
SRA 3+00	0.6	2.93	50	210	0.5	<5	0.79	<1	22	107	122	4.88	0.07	1.33	790	8	0.01	63	800	16	<5	6	<10	69	0.08	107	<10	9	136	10
SRA 3+50	1.0	2.98	40	140	0.5	<5	0.99	<1	17	87	79	4.41	0.05	0.91	425	24	0.01	48	750	20	5	4	<10	71	0.09	93	<10	8	142	11
SRA 4+00	1.6	3.28	35	160	0.5	<5	0.74	4	18	75	89	4.30	0.05	0.73	1085	14	0.01	64	800	14	5	5	<10	53	0.09	78	<10	9	176	12
SRA 4+50	1.0	2.82	50	150	0.5	<5	0.94	<1	17	85	105	4.39	0.05	0.99	720	4	0.02	53	760	14	<5	4	<10	73	0.09	87	<10	7	153	9
SRA 5+00	<0.2	2.34	45	210	0.5	<5	0.70	<1	26	103	102	4.92	0.06	1.20	770	2	0.01	60	980	22	5	4	<10	44	0.07	103	<10	5	130	6
SRA 5+50	1.4	3.67	55	260	0.5	<5	1.04	<1	26	143	276	6.57	0.10	1.38	935	2	0.01	79	960	22	5	8	<10	66	0.09	132	<10	13	150	10
SRA 6+00	1.4	4.20	75	240	0.5	<5	1.01	<1	22	139	187	6.17	0.10	1.42	655	2	0.01	82	960	22	<5	7	<10	70	0.11	126	<10	10	185	14
SRA 6+50	0.2	2.38	60	130	<0.5	<5	0.48	<1	21	125	91	5.26	0.06	1.52	570	<2	0.01	55	470	14	5	5	<10	40	0.07	123	<10	5	100	5
SRA 7+00	1.2	4.31	80	230	1.0	<5	0.61	<1	23	135	133	5.81	0.07	1.17	585	4	0.01	109	800	20	5	10	<10	40	0.08	111	<10	14	204	19
SRA 7+50	0.4	3.36	50	130	0.5	<5	0.40	<1	24	111	74	5.02	0.06	1.18	535	4	0.01	66	930	18	<5	4	<10	30	0.09	113	<10	4	194	8
SRA 8+00	0.2	3.18	40	130	<0.5	<5	0.25	<1	17	91	47	4.77	0.05	1.10	315	2	0.01	42	1200	14	<5	3	<10	24	0.09	103	<10	3	176	7
SRA 1+00 C	0.2	2.40	50	110	<0.5	<5	0.31	<1	21	105	94	4.36	0.04	1.39	410	<2	0.01	47	1120	14	<5	3	<10	28	0.09	98	<10	4	101	7
SRA 3+00 C	<0.2	2.45	45	120	<0.5	<5	0.71	<1	27	117	120	4.84	0.09	1.83	950	6	0.01	55	1140	18	5	7	<10	69	0.09	106	<10	7	94	8
SRA 5+00 C	0.2	2.00	25	80	<0.5	<5	0.49	<1	20	102	66	4.14	0.05	1.46	660	2	0.01	44	680	12	<5	4	<10	40	0.08	97	<10	5	76	4
SRA 7+00 C	0.6	3.39	60	150	0.5	<5	0.75	<1	30	163	155	5.53	0.09	1.73	860	2	0.01	86	840	22	5	14	<10	59	0.09	117	<10	16	136	20
MRW 7+50	1.2	2.75	135	100	0.5	<5	0.82	<1	32	164	169	5.90	0.06	1.30	775	8	0.01	97	1080	20	5	9	<10	48	0.07	106	<10	17	117	11
MRW 8+00	<0.2	2.07	120	120	<0.5	<5	0.61	<1	26	105	105	4.62	0.06	1.41	875	2	0.01	52	1130	16	5	6	<10	48	0.09	94	<10	8	115	5
MRW 8+50	0.6	2.20	225	100	0.5	<5	0.50	<1	25	76	62	5.48	0.05	1.11	770	6	0.01	49	1030	30	5	4	<10	36	0.06	89	<10	6	332	7
MRW 9+00	0.6	2.67	195	70	<0.5	<5	0.48	<1	20	95	88	4.38	0.03	0.90	455	4	0.01	39	940	16	<5	3	<10	33	0.08	85	<10	6	94	5
MRW 9+50	0.4	2.06	50	90	0.5	<5	0.34	<1	19	105	97	4.28	0.03	1.11	340	4	0.01	66	1130	12	5	4	<10	25	0.07	97	<10	5	139	5
MRW 10+00	0.2	2.83	35	140	0.5	<5	0.29	<1	24	119	89	4.84	0.03	1.32	455	4	0.01	72	880	10	5	4	<10	26	0.07	93	<10	5	142	5
MRW 10+50	<0.2	2.29	45	90	<0.5	<5	0.33	<1	22	106	98	4.66	0.06	1.31	555	2	0.01	54	1170	10	5	4	<10	28	0.08	88	<10	5	99	6
MRW 11+00	0.2	1.98	40	110	<0.5	<5	0.21	<1	16	100	43	5.00	0.05	1.06	325	2	0.01	40	1500	12	5	3	<10	19	0.07	97	<10	2	142	4
MRW 11+50	0.2	1.72	30	80	<0.5	<5	0.34	<1	13	77	70	3.39	0.03	0.78	315	2	0.01	39	760	10	<5	3	<10	24	0.07	71	<10	7	65	4
MRW 12+00	0.6	2.89	40	110	0.5	<5	0.41	<1	20	104	90	4.65	0.06	1.11	450	4	0.01	52	910	8	5	5	<10	32	0.09	86	<10	7	113	6

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: 

Barakso Consultants

Attention:

Project: Deer Lake

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0294 SJ

Date : Jul-13-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
MRW 12+50	0.2	2.51	55	70	<0.5	<5	0.22	<1	18	100	48	5.04	0.05	1.13	380	4	0.01	46	710	12	<5	3	<10	23	0.09	101	<10	4	141	5
MRW 13+00	0.4	2.43	40	80	<0.5	<5	0.39	<1	22	105	67	5.04	0.05	1.21	390	2	0.01	66	790	14	5	4	<10	31	0.09	91	<10	6	192	5
MRW 13+50	0.6	2.79	55	70	0.5	<5	0.40	<1	17	95	54	4.86	0.04	1.04	365	8	0.01	41	810	10	5	4	<10	29	0.10	96	<10	5	156	6
MRW 7+50 C	0.4	1.96	65	100	<0.5	<5	0.74	<1	26	123	112	4.62	0.06	1.35	825	8	0.01	57	1020	14	5	8	<10	51	0.09	92	<10	10	83	8
MRW 9+50 C	0.2	1.65	130	50	<0.5	<5	0.48	<1	18	106	92	4.24	0.04	1.16	510	2	0.01	55	1220	12	5	4	<10	31	0.08	92	<10	6	101	4
MRW 11+50 C	0.2	1.28	20	70	<0.5	<5	0.48	<1	14	80	62	2.99	0.04	0.90	460	2	0.01	41	1220	10	<5	5	<10	33	0.07	69	<10	9	64	4
MRW 13+50 C	0.2	2.31	65	130	0.5	<5	0.44	<1	25	110	89	4.89	0.06	1.33	695	6	0.01	69	1020	12	5	4	<10	33	0.06	94	<10	6	227	6

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.



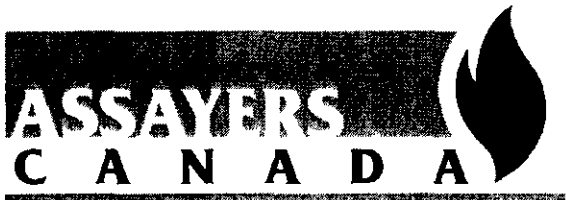
*Quality Assaying for over 25 Years***Geochemical Analysis Certificate****0V-0294-RG2**Company: **Barakso Consultants**
Project: **Deer Lake**
Attn:**Jul-13-00**

We hereby certify the following geochemical analysis of 16 rock samples submitted Jul-04-00 by W Gruenwald, J Barakso.

Sample Name	Au ppb	Au g/tonne
DRR-00-01	19	
DRR-00-02	19	
DRR-00-03	4	
DRR-00-04	16	
DRR-00-05	14	
DRR-00-06	8	
DRR-45	14	
DRR-46	90	
MRW 6+35 R	4	
MRW 6+85 R	85	
MRW 9+05 R	17	
MRW 11+30 R	4	
MRW 12+00 R*	217	
MRW 13+00 R	12	
SRA 0+90 R	3316	2.99
SRA 4+50 R	15	

* Possible metallic gold

Certified by



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Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

0V-0294-SG2

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn:

Jul-13-00

We hereby certify the following geochemical analysis of 17 soil samples submitted Jul-04-00 by W Gruenwald, J Barakso.

Sample Name	Au PPB
MRW 7+50	35
MRW 8+00	28
MRW 8+50	21
MRW 9+00	138
MRW 9+50	39
MRW 10+00	14
MRW 10+50	34
MRW 11+00	17
MRW 11+50	29
MRW 12+00	17
MRW 12+50	9
MRW 13+00	12
MRW 13+50	11
MRW 7+50 C	43
MRW 9+50 C	42
MRW 11+50 C	17
MRW 13+50 C	14

Certified by

Barakso Consultants

Attention:
Project: Deer Lake
Sample:

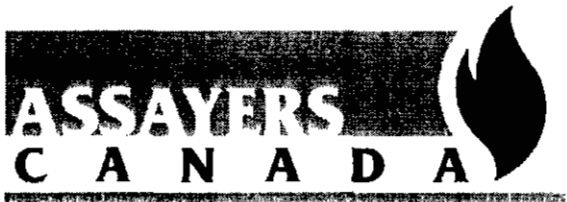
Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0V0294 RJ
Date : Jul-13-00

MULTI-ELEMENT ICP ANALYSIS
Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
WP-187	0.2	0.21	5	50	<0.5	<5	1.55	<1	4	151	13	1.55	0.05	0.14	405	2	0.02	9	1300	<2	<5	1	<10	31	<0.01	11	<10	2	11	2
WP-191	7.0	0.93	85	20	<0.5	5	1.97	<1	195	47	6689	14.73	0.04	0.56	495	<2	0.01	58	1720	34	5	2	<10	11	0.05	70	<10	3	153	14
WP-192	17.2	0.74	20	20	<0.5	<5	1.58	3	77	38	>10000	>15.00	0.03	0.56	310	<2	0.01	41	3300	56	5	2	<10	10	0.05	78	<10	1	600	14
JRD-1	4.6	0.63	9190	20	<0.5	10	5.04	<1	597	37	1524	>15.00	0.01	0.22	805	4	0.01	157	4760	48	15	<1	<10	52	0.02	93	<10	4	61	25
JRD-2	5.6	0.77	95	30	<0.5	5	5.35	<1	74	59	6991	14.72	0.04	0.18	970	<2	0.01	36	2190	32	5	<1	<10	14	0.01	102	<10	5	218	18
JRD-3	1.6	0.73	155	10	<0.5	10	3.59	<1	1364	107	665	>15.00	0.02	0.16	735	<2	<0.01	204	4780	30	10	1	<10	14	0.03	73	<10	5	21	19
JRD-4	0.2	0.55	260	10	<0.5	5	6.05	<1	36	85	1060	13.07	0.01	0.08	950	<2	<0.01	72	4200	32	5	1	<10	23	0.02	37	<10	6	31	16
JRD-5	0.6	0.32	10	30	<0.5	<5	3.31	<1	47	85	331	6.42	0.07	0.33	840	<2	0.01	24	340	8	5	1	<10	144	<0.01	15	<10	2	38	8
JRD-6	0.6	0.62	45	60	<0.5	<5	3.98	<1	25	65	227	7.48	0.12	0.87	1155	2	0.01	25	660	14	5	3	<10	154	<0.01	24	<10	4	66	8
JRD-7	0.4	2.60	30	30	<0.5	<5	0.78	<1	66	15	216	10.05	0.08	2.54	820	<2	0.02	14	1970	12	5	3	<10	21	0.12	117	<10	4	89	8
JRD-8	0.4	2.05	10	20	<0.5	<5	1.76	<1	54	27	206	9.43	0.06	2.01	1115	4	0.02	13	1090	8	5	2	<10	37	0.11	85	<10	3	77	8
JRD-9	<0.2	0.24	50	80	0.5	<5	1.04	<1	5	122	37	0.85	0.06	0.07	140	2	0.05	29	860	4	5	<1	<10	94	0.03	6	<10	10	33	5
JRD-10	83.8	0.52	245	30	<0.5	20	2.65	>100	6	47	227	>15.00	0.20	0.58	>10000	<2	0.01	31	140	>10000	50	4	<10	165	0.01	22	70	19	>10000	10
JRD-11	0.6	1.41	15	50	<0.5	<5	0.79	<1	42	73	254	5.72	0.04	1.37	555	<2	0.02	35	1640	98	5	2	<10	36	0.11	62	<10	3	247	5
JRD-12	1.0	1.30	85	50	<0.5	<5	6.09	<1	59	22	275	11.91	0.09	2.04	1120	14	0.01	75	1050	34	5	5	<10	308	<0.01	44	<10	5	316	10
JRD-13	1.0	0.46	25	80	<0.5	<5	0.53	<1	19	70	129	2.60	0.06	0.19	65	2	0.04	27	1020	14	<5	1	<10	44	0.11	24	<10	5	55	6
JRD-14	0.6	0.98	975	50	<0.5	<5	0.81	<1	22	87	67	3.39	0.09	0.82	330	4	0.02	109	830	20	5	3	<10	17	0.08	49	<10	3	51	6
JRD-15	1.8	0.97	50	20	<0.5	5	3.48	<1	147	35	3188	>15.00	0.02	0.45	720	<2	0.01	211	3180	38	10	1	<10	12	0.06	272	<10	4	62	22
JRD-16	0.4	0.70	55	20	<0.5	<5	0.71	<1	13	54	108	2.82	0.04	0.60	125	4	0.03	30	1070	4	<5	1	<10	20	0.17	51	<10	5	34	6
JRD-17	3.6	0.86	1590	10	<0.5	<5	4.70	<1	145	104	873	12.75	<0.01	0.07	850	<2	0.01	268	4010	34	5	2	<10	9	0.04	86	<10	9	42	17
JRD-18	16.8	0.36	<5	10	<0.5	10	0.67	3	41	8	>10000	>15.00	0.01	0.29	255	<2	0.01	26	2070	74	10	<1	<10	3	0.01	126	<10	<1	406	20
JRD-19	7.6	1.64	195	10	<0.5	10	0.11	<1	371	78	1971	>15.00	0.03	0.91	535	<2	0.01	129	510	58	10	1	<10	4	0.05	74	<10	<1	86	21
JRD-20	26.8	0.52	15	10	<0.5	<5	1.98	4	67	22	>10000	>15.00	<0.01	0.32	350	<2	0.01	28	3710	82	5	1	<10	5	0.02	84	<10	1	716	16
DRR-00-01	0.8	0.57	5	120	<0.5	<5	0.52	1	12	149	225	2.97	0.18	0.52	185	4	0.03	60	750	14	5	3	<10	74	0.11	48	<10	6	109	5
DRR-00-02	<0.2	0.53	<5	40	<0.5	<5	0.26	<1	5	88	12	1.09	0.19	0.09	20	2	0.01	16	60	8	<5	2	<10	30	<0.01	19	<10	2	52	2
DRR-00-03	<0.2	0.61	<5	50	0.5	<5	0.17	<1	7	37	9	1.20	0.19	0.13	30	<2	0.01	15	180	6	<5	4	<10	23	<0.01	22	<10	4	65	3
DRR-00-04	<0.2	1.04	<5	50	0.5	<5	0.65	<1	8	36	11	4.10	0.27	0.55	175	<2	0.02	22	250	14	<5	4	<10	69	<0.01	34	<10	4	98	4
DRR-00-05	<0.2	1.03	<5	70	0.5	<5	0.52	<1	9	22	11	2.31	0.21	0.33	55	<2	0.01	20	160	10	<5	3	<10	55	<0.01	27	<10	3	77	3
DRR-00-06	<0.2	1.16	<5	60	0.5	<5	0.68	<1	10	24	13	2.87	0.21	0.39	70	<2	0.01	22	330	12	<5	4	<10	38	<0.01	31	<10	4	90	3
DRR-45	9.4	1.49	<5	40	0.5	<5	0.30	1	12	95	12	3.38	0.21	1.20	115	<2	0.01	34	180	8	5	7	<10	11	0.01	62	<10	7	125	4

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
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Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

0V-0294-SG1

Company: **Barakso Consultants**
Project: **Deer Lake**
Attn:

Jul-13-00

We hereby certify the following geochemical analysis of 20 soil samples submitted Jul-04-00 by W Gruenwald, J Barakso.

Sample Name	Au PPB
SRA 0+50	72
SRA 1+00	33
SRA 1+50	15
SRA 2+00	28
SRA 2+50	55
SRA 3+00	29
SRA 3+50	21
SRA 4+00	20
SRA 4+50	13
SRA 5+00	118
SRA 5+50	15
SRA 6+00	14
SRA 6+50	38
SRA 7+00	18
SRA 7+50	11
SRA 8+00	32
SRA 1+00 C	36
SRA 3+00 C	29
SRA 5+00 C	18
SRA 7+00 C	51

Certified by

Actlabs Pkg 1i Job #: 20321

Report#: 20079

Company: Baraska Cons.

Contact: J. Baraska

Trace Element Values Are in Parts Per Million Negative Values Equal Not Detected at That Lower Limit
 Values = 999999 are greater than working range of instrument

Sample ID	Ge	Se	Te	Bi
DWPC-1	-0.1	2.9	-0.1	0.1
DWPC-2	-0.1	2.2	-0.1	0.4
DWPC-3	-0.1	2.3	-0.1	-0.1
DWPC-4	-0.1	2.3	0.2	0.2
DWPC-5	-0.1	2.1	-0.1	-0.1
DWPC-6	-0.1	1.9	0.2	0.2
DWPC-7	-0.1	1.2	-0.1	0.1
DWPC-8	-0.1	1.3	-0.1	0.1
DWPC-8A	-0.1	1.4	0.1	0.2
DWPC-9	-0.1	1.2	-0.1	0.1
DWPC-12	-0.1	1.2	-0.1	0.1
DWPC-13	-0.1	1.1	-0.1	0.1
DWPC-14	-0.1	1.2	-0.1	-0.1
DWPC-15	-0.1	1.2	-0.1	-0.1
DWPC-15 Rep	-0.1	1.3	-0.1	-0.1
DWPC-16	-0.1	1.5	-0.1	0.2
DWPC-17	-0.1	1.2	-0.1	0.2
DWPC-18	0.1	1.6	-0.1	0.1
DWPC-19	-0.1	1.5	-0.1	-0.1
DWPC-21	-0.1	1.7	-0.1	-0.1
DWPC-22	-0.1	1.1	-0.1	0.1
DWPC-23	0.1	1.1	-0.1	-0.1
DRPC-1	0.1	0.6	-0.1	-0.1
DRPC-4	0.1	1.1	-0.1	-0.1
DRPC-5	0.1	0.8	-0.1	-0.1
DRPC-7	0.2	1.1	-0.1	0.1
DRPC-8	-0.1	1.6	-0.1	-0.1
DRPC-9	0.1	1.4	-0.1	-0.1
DRPC-10	-0.1	0.7	-0.1	-0.1
DRPC-10 Rep	-0.1	1.4	-0.1	-0.1
DRPC-11	0.2	1.5	-0.1	-0.1
DRPC-13	0.1	0.8	-0.1	-0.1
DRPC-17	0.2	1.1	-0.1	-0.1
DRPC-18	0.2	0.6	-0.1	-0.1
DRPC-19	0.1	0.7	-0.1	-0.1
DRPC-20	0.1	1.4	-0.1	-0.1
DRPC-21	0.1	0.8	-0.1	-0.1
DRPC-24	-0.1	1.0	-0.1	-0.1
DRPC-26	0.1	1.6	-0.1	-0.1
DRPC-27	0.1	0.9	-0.1	-0.1
DRPC-28	0.1	1.8	-0.1	-0.1
DRPC-30	0.1	0.7	-0.1	-0.1
DRPC-33	0.1	0.8	-0.1	-0.1
DRPC-35	0.1	1.1	-0.1	-0.1
DRPC-35 Rep	-0.1	1.8	-0.1	-0.1
DRPC-36	0.1	0.4	-0.1	-0.1
DWPC-20	-0.1	0.3	-0.1	-0.1

Certified By



D. D'Anna, Dip. T.
 ICPMS Technical Manager, Activation Laboratories Ltd

Date 15 AUG 2000

This report shall not be reproduced except in full without the written approval of the laboratory.
 Unless otherwise instructed, samples will be disposed of 90 days from the date of this report.

Sample description	AU PPB	PT PPB	PD PPB
DWPC-1	5.	<5.	4.
DWPC-2	1.	<5.	<4.
DWPC-3	1.	<5.	<4.
DWPC-4	2.	<5.	<4.
DWPC-5	10.	<5.	<4.
DWPC-6	104.	<5.	<4.
DWPC-8	2093.	<5.	<4.
DWPC-8A	5056.	<5.	<4.
DWPC-9	107.	<5.	<4.
DWPC-12	234.	<5.	<4.
DWPC-13	2.	<5.	4.
DWPC-14	8.	<5.	<4.
DWPC-15	11.	<5.	<4.
DWPC-16	12.	<5.	<4.
DWPC-17	40.	<5.	<4.
DWPC-18	109.	<5.	4.
DWPC-19	2.	<5.	<4.
DWPC-20	1.	<5.	<4.
DWPC-21	1.	<5.	<4.
DWPC-22	1.	<5.	<4.
DWPC-23	153.	9.	10.
DRPC-1	1.	<5.	10.
DRPC-4	32.	<5.	<4.
DRPC-5	2.	<5.	<4.
DRPC-7	334.	7.	<4.
DRPC-8	1.	<5.	<4.
DRPC-9	3.	5.	<4.
DRPC-10	1.	<5.	4.
DRPC-11	2.	<5.	5.
DRPC-13	5.	6.	4.
DRPC-17	6497.	<5.	<4.
DRPC-18	8532.	<5.	<4.
DRPC-19	962.	<5.	<4.
DRPC-20	247.	<5.	<4.
DRPC-21	70.	<5.	<4.
DRPC-24	2.	<5.	<4.
DRPC-26	5.	<5.	<4.
DRPC-27	1.	<5.	<4.
DRPC-28	5.	<5.	6.
DRPC-30	24.	6.	<4.
DRPC-33	7.	<5.	9.
DRPC-35	6730.	<5.	8.
DRPC-36	4.	<5.	4.

C A N A D A



8282 Sherbrooke Street
Vancouver, B.C
Canada V5X 4R
Tel: 604 327-343
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 HNO₃:HCl:H₂O mixture. After cooling, the sample is diluted to standard volume.

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

APPENDIX D PERSONNEL

W. Gruenwald, P. Geo.

Jun 27-30, Jul 21-25, Sep 19-23, Nov 14-30, Dec 1-7, 2000 17 days

R. Montgomery, B. Sc.

Jun 3 26-30, Sep 19-23, 30, 2000 11 days

J. Barakso

Jun 27-29, 2000 2½ days

J. Brown, P. Eng.

Jun 27-29, 2000 2½ days

S. Zastavnikovich, P. Geo.

Sep, 2000 11 days

APPENDIX E
STATEMENT OF EXPENDITURES

Consulting Fees/Labour:

Geoquest Consulting Ltd., Vernon, B.C.	\$9,675.00	
Barakso Consultants Ltd.	2,400.00	
R.F.B. Geological	1,712.00	
S. Zastavnikovich, P. Geo.	<u>4,400.00</u>	\$18,187.00

Analytical Costs:

TSL Assayers, N. Vancouver, B.C.	3,983.35	
Activation Labs, Ancaster, ON	<u>1,483.82</u>	5,467.17

Transportation Costs:

Geoquest Consulting Ltd.	1,266.28	
Barakso Consultants Ltd.	<u>330.38</u>	1,596.66

Accommodation/Meals:

Geoquest Consulting Ltd.	520.24	
Barakso Consultants Ltd.	<u>707.39</u>	1,227.63

Supplies and Miscellaneous:

Field supplies, freight, telephone, mylar maps (J. Barakso)		741.20
--	--	--------

Report Compilation:

Secretarial, drafting, photocopies, map printing (Ikon Map Reproduction, Vernon Graphics) report binding		<u>1,359.10</u>
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TOTAL: **\$28,578.76**

APPENDIX F

**DEER LAKE PROPERTY REVIEW
(R. Brown, P. Eng.)**

July 30, 2000

Electrum Resource Corp.
912 – 510 West Hastings Street
Vancouver, B.C., V6B 1L8

Attention: John Barakso

RE: Comments on Deer Lake Property Review.

Dear John,

This letter will be in the form of a short report on my observations and recommendations regarding the Deer Lake project.

Summary:

Two and one half days (June 27-29, 2000) were spent on the project with the property owner John Barakso; and coincidentally with Werner Gruenwald, who was doing follow up work on his 1999 prospecting, stream sediment and stream sediment heavy mineral sampling. J. Barakso and myself reviewed the known project showings, expanded the geology base, and prospected.

Various skarn/structural-controlled mineralization with gold-copper has been exploited and explored in the Deer Lake area, and to a lesser degree in the Heidi Lake area. Both areas have an underlying geological package of WNW trending Nicola Group limestone, siltstone, argillite, and andesitic volcanics, intruded by intermediate dykes and plugs. Calc-silicate alteration and associated mineralization occur replacing the limestone, and associated with cross cutting structures.

Mineralized float and outcrop of calc-silicate altered sediments south of Heidi Lake opens up this area to further detailed exploration. Mineralized float and outcrop of massive to semi-massive sulfides west of Nora Lake opens up this area, east along the Deer Lake sedimentary-volcanic package, for detailed exploration.

Much (>95%) of the Deer Lake property is covered by glacial deposits, with sparse naturally occurring outcrops on hilltops. Road building associated with logging has exposed most of the bedrock in valleys and on hillsides. Glacial deposition includes clay rich "hard pan" basal till, and some overlying sand/gravel.

Recommendations:

A detailed compilation of existing data is essential, building on the Teck Exploration geology map. Layers of detailed groundwork by Teck, Vital Pacific, Meridian

Resources, Rio Tinto, Barrier Reef Resources etc. encompass grids; soil sampling; ground EM, magnetics, and IP geophysics; trenching; and drilling. The concerted efforts of Teck and Vital Pacific have generated excellent information, which presently is not being fully utilized.

Further exploration needs to be conducted south of Heidi Lake, in light of new calc-silicate altered sedimentary outcrop, and float. One float sample (SRA 0+90R by W. Gruenwald) taken from a south spur road, off of the Blowdown Road, southeast of Heidi Lake returned 4680ppb gold. This area coincides with the Zone 2 gold anomaly of Vital Pacific Resources (Westerman, 1988).

Further exploration needs to be conducted east along the Deer Lake sedimentary belt in light of the new outcrop and float samples found in the Nora Lake area. Float of massive sulfide boulder assayed 2.71g/t gold and 2.65% copper. This float is along a new logging spur road. Further float samples along this road, taken by W. Gruenwald, from massive sulfide assayed 4.44g/t gold and 2.75% copper. These samples and others along the road indicate an eastward continuation of copper-gold skarn mineralization. This area coincides with the Zone 6 gold anomaly of Vital Pacific Resources (Westerman, 1988).

Regionally, geochemical signatures of outcrop, float, basal tills, and stream sediment samples need to be further reviewed (especially in light of new outcrop and basal till sampling by W. Gruenwald) to discern mineralization clusters, and hopefully derive a sense as to the origins of the geochemical clusters.

Drainages of anomalous gold in pan concentrate, and stream sediment samples need to be detailed with basal till/soil sampling. These areas are the sedimentary wedge south of the Carol Lake – Heidi Lake fault/linear, the Nora Lake area, and the Laurel Lake – Porphyry Lake zone (Latremouille Creek).

Some consideration should be given to possible contamination of the gold in pan concentrates by placer derived gold associated with the sand/gravel deposits on the Deer Lake project.

Colour stereo-airphotos need to be examined for linears, and patterns relating to glaciation, bedrock geology and structural overprinting.

2000 Work Completed:

Over the course of two and one half days, the property geology, alteration, and mineralization was reviewed on the Deer Lake property of John Barakso's Electrum Resources. Included was the historic Lakeview zones, new logging roads north and west of the Lakeview, the Nora Lake area including the Red Fe-Cu showing (?), Latremouille Creek area, the Blow Down Creek Road – Heidi Lake - Carol Lake area, new logging roads north of Heidi Lake, new logging roads south of Heidi Lake, and the lead-zinc showing of Teck Exploration north of Long Lake.

Rock samples taken for assay are of the JRD series and include samples 1 through 20; as well the author took a series of specimen samples numbered R1-9 which are now in the offices of Electrum Resources. The sample sites are plotted on the attached map. The sample site map has been sent to Warner Gruenwald who will compile all the 2000 fieldwork for assessment.

The Lakeview zone, adit and pit, were viewed and is geologically as described by C.J. Westerman (1988), namely calc-silicate skarns and massive po-mag-cpy sulfide skarn. Grab samples JRD 1&2 were taken here (see list of samples for descriptions). JRD-1 is a high grade sample with 35.47g/t gold. Old trenching several hundred meters west of the Lakeview was viewed, all the trenches have been reclaimed, so that minor outcrop of calc-silicate viewed, with plenty of boulders, and blocks of hornfelsed sediments and minor massive magnetite. Samples JRD 3&4 were taken from the Lakeview South prospect area. They returned geochemically anomalous values in copper and gold. These areas were subject to drilling by Vital Pacific in 1988; and detailed outcrop and trench mapping, and drilling by Teck Exploration in 1989.

On a branch road 500m north of Deer Lake, which branches off to the northwest, then southwest, considerable sub-outcrop and outcrop was viewed of iron carbonate altered, pyritic quartz veined stockworked siltstone with intercalated argillite, and minor limestone. Rock samples JRD5&6 were taken in this area, corresponding to the 1999 sample WGR-03. JRD5 returned a geochemically anomalous 239ppb gold.

JRD7&8 were taken from float material along the Deer Lake road returning south, and south of the Lakeview showing. Both are pyroxene phyric andesite with chlorite, epidote and disseminated to semi-massive blotchy patches of pyrite.

South of Heidi Lake several outcrops were observed along the Blow Down Creek road. Outcrop specimen R4 and sample DRR45 (W. Gruenwald) are from a new outcrop exposed at the junction with a south road branch. Two float samples, JRD11 and SRA0+90R, were taken in the immediate area of this outcrop. This outcrop is a mixture of altered sediment and minor hornblende diorite dyke. The sediment outcrop ranges from minor garnetiferous argillite interbedded in fine grained calc-silicate altered siltstone, with fracture-controlled pyrite, minor chalcopyrite and a gray sulfide. This outcrop ties in well with the western portion of an untested IP anomaly of Vital Pacific (1988). About 500m west on the Blow Down Creek road there is an outcrop of uninteresting argillite, another 500m west there are gossanous blocks of calc-silicate breccia, with argillic clasts, and 5% pyrite (specimen R8).

Heading south on the new logging road from R4 numerous outcrop areas are encountered up and along the top of the hill. All the outcrops are of finely bedded dark gray siltstone-argillite, with fracturing and minor fracture controlled hematite and pyrite. Bedding trends northwest and dips moderately to steeply westward. Float samples RMR-05, 05A, and 05B from the 1999 sampling of W. Gruenwald are in this area, but are not obviously related to the underlying bedrock.

100 meters east of R4 and the south turn off, is a turn to the north of the Blow Down Creek road. This area was the focus of the Heidi Lake grid of Vital Pacific in 1988. The grid was mapped, trenched, IP geophysical surveyed and the site of several drill holes. Samples JRD12-14, 16, and 17 were taken from outcrop and float along this north-logging spur. Samples 12-14 were of various floats along the road. Sample JRD16 is of sub-outcrop of fractured, blocky, siltstone with 1-2.5% pyrite. Sample JRD17 is of calc-silicate with 10% sulfides, mainly pyrite with minor chalcopyrite.

From the end of the above road, J.B and R.B traversed south through the logging cut down onto the south slope of the hill to locate a lead-zinc showing discovered by Teck Exploration. Samples JRD9&10 were taken in this area as well as specimen R7. Outcrop along an access trail constructed by Teck below the showing is finely bedded argillite-siltstone, as along the top of the hill. In the showing area, the trenches were reclaimed and only glacial and trench rubble was available for review. Some massive sphalerite was observed, in specimen R7 sphalerite is located along the margins of a siltstone interbed in argillite. Sample JRD9 is a siliceous sample (calc-silicate?) with fracture controlled hematite and sphalerite.

A traverse was made across a strong airborne magnetic feature trending WNW immediately north of Latremouille Creek. The traverse started in the Lakeview South showing area, an area of skarn showings and former Anaconda trenching, and continued south into a forested area with no outcrop. Crossing Latremouille Creek was done west of the Deer Lake road creek crossing, the steep banks of the creek were all till, no outcrops were observed. On the south side of the creek the traverse ended in a small gravel pit along the Deer Lake road.

In the Nora Lake area, a new logging road has been constructed, on the west side of Nora Lake. Access to the area is on a road west from the Lakeview South showing area on the Deer Lake road. About one kilometer east is the new logging road heading north. 100m north on this new spur road, massive sulfide boulders were located in the ditch of the road. There is no outcrop along the road or in the logging cuts. The 0.5m³ massive sulfide boulder was po-py-cpy. Samples JRD18&19 were taken of this material, with JRD18 of oxidized material (2.71g/t gold and 2.65% copper) and JRD19 of fresh massive sulfide (1.39g/t gold and 1971ppm copper). The only outcrop located was out of the logging cut, at the crest of the hill west of Nora Lake. This outcrop, JRD20, is of andesite volcanics, with an old shaft in a fracture zone with disseminations and clots of po-py, in dark green fine grained magnetic andesitic volcanics. It assayed 10.26g/t gold and 4.32% copper.

Structures:

A fault is marked on GSC Map 3-1966, NTS 92P which covers the Deer Lake area, trending WNW along the linear valley defined by Heidi Lake – Carol Lake chain of lakes. Potentially there is a parallel linear / fault several kilometers north defined by Laurel Lake – Porphyry Lake (and associated magnetic high). NNW to N-S linears/faults

are defined by Silver Lake – Deer Lake and parallel to the east Rock Island Lake – Nehalliston Creek.

Geology:

From the GSC Map 3-1966 Upper Triassic Nicola Group sediments and andesitic volcanics underlie the Deer Lake area, and are intruded by slightly younger dykes, plugs and a batholith, of granodiorite to diorite composition. From detailed mapping by Teck Exploration and to some degree by Pacific Vital, supported by new outcrop mapping by W. Gruenwald (1999) and the authors observations the project area can be divided into three distinct areas. First is the Thuya granodiorite Batholith bordering along the *complete south side of the project*. Second is a *predominately argillite-siltstone package* of sediments forming a wedge between the Thuya Batholith and the WNW trending Heidi Lake – Carol Lake fault/linear. Thirdly is a mixed package of siltstone-argillite and limestone, with associated andesitic volcanics, located north of the Heidi Lake – Carol Lake fault/linear.

In this third area there are a number of diorite to granodiorite intrusions ranging from dykes to plugs, which have hornfelsed, skarnified, and mineralized the sedimentary rocks (i.e. Lakeview zone). In this third area the volcanics dominate only in the poorly exposed Nora Lake area. Two main mixed limestone – argillite – siltstone WNW trending belts of sediments dominate the area (see sketch from Vital Pacific), one in the Lakeview showing area, and the other south along the north side of Heidi Lake. The majority of the detailed evaluation by drilling is in the Lakeview area, with only several holes in the Heidi Lake area.

What stands out in the third area is the new found massive sulfide blocks in the Nora Lake area. Compilation of previous work programs in this area may lead to a source for this material. The other area of interest is in the Heidi Lake area, specimen sample R4 site, taken from a newly exposed outcrop of altered and mineralized siltstone along the road is located coincidentally over an untested IP anomaly of Vital Pacific. Further skarnified and mineralized float south of Heidi Lake may indicate a westward continuation of a new belt of skarnified and mineralized sediments, virtually untested. Detailed compilation of past and recent data in this area is needed. As skarnified rock is found immediately south of the Carol Lake – Heidi Lake fault/linear it is questionable whether this feature has any major movement.

In the second area, south of the Carol Lake – Heidi Lake fault/linear the predominate outcrop is fine bedded argillite – siltstone. The only mineralization of note in the outcrops is minor fracture controlled pyrite, and the small Teck Exploration lead-zinc showing (manto?).

Geochemistry:

There is a significant change in geochemical signature from north of the Carol Lake – Heidi Lake fault/linear to the south side. The geochemical signature is defined by

detailed stream sediment sampling by W. Gruenwald (1999) and by basal till sampling from BCGS Open File Report 2000-17. Stream sediment sampling shows gold, zinc, silver, arsenic association south of the fault/linear, and a gold and copper association to the north. Heavy mineral sampling confirms the presence of gold (including panned visible gold flakes) both north and south of the linear/fault.

As for the basal tills (Paulen, 2000), the south side has added coincident barium, lead, and cadmium, while the north side has added coincident bismuth, and tellurium.

The writer's opinion is that the stream sediments and basal tills both directly represent the geochemistry of the underlying stratigraphic packages. The results are directly coincidental, with no obvious glacial "smear" of values.

As such, the gold anomalies, both from streams and basal sampling are very locally derived. Detailed basal till/soil sampling needs to be done with the immediate drainages of the highly anomalous gold values, both south and north of the Carol Lake – Heidi Lake fault/linear. Further detailed work needs to be conducted to the south, as the area is virtually unexplored. To the north, the Nora Lake area needs detailed follow up, as does the Laurel Lake – Porphyry Lake zone (compile new and old data).

References:

Bruland, Tor (1990); Drilling Report on the Lake Property, Tech Exploration, BCEM AR20020

Bruland, Tor (1990); Diamond Drilling, Geological, Geochemical and Geophysical Report on the Haida Property, Teck Exploration, BCEM AR20014
Gruenwald, W. (1999); Geochemical and Geological Assessment Report on the Deer Lake Property for Electrum Resources Corp.

Lloyd, J. and Westerman, C.J. (1988); Drilling Report on the Haida Gold Property, Vital Pacific Resources, BCEM AR18796

Paulen, R.C. et al. (2000); Till Geochemistry of the Chu-Chua – Clearwater Area, B.C., Parts of 92P/8 and 92P/9, BCGS Open File Report 2000-17.

A handwritten signature in black ink, appearing to be 'R.C. Paulen', is located in the lower-left quadrant of the page.

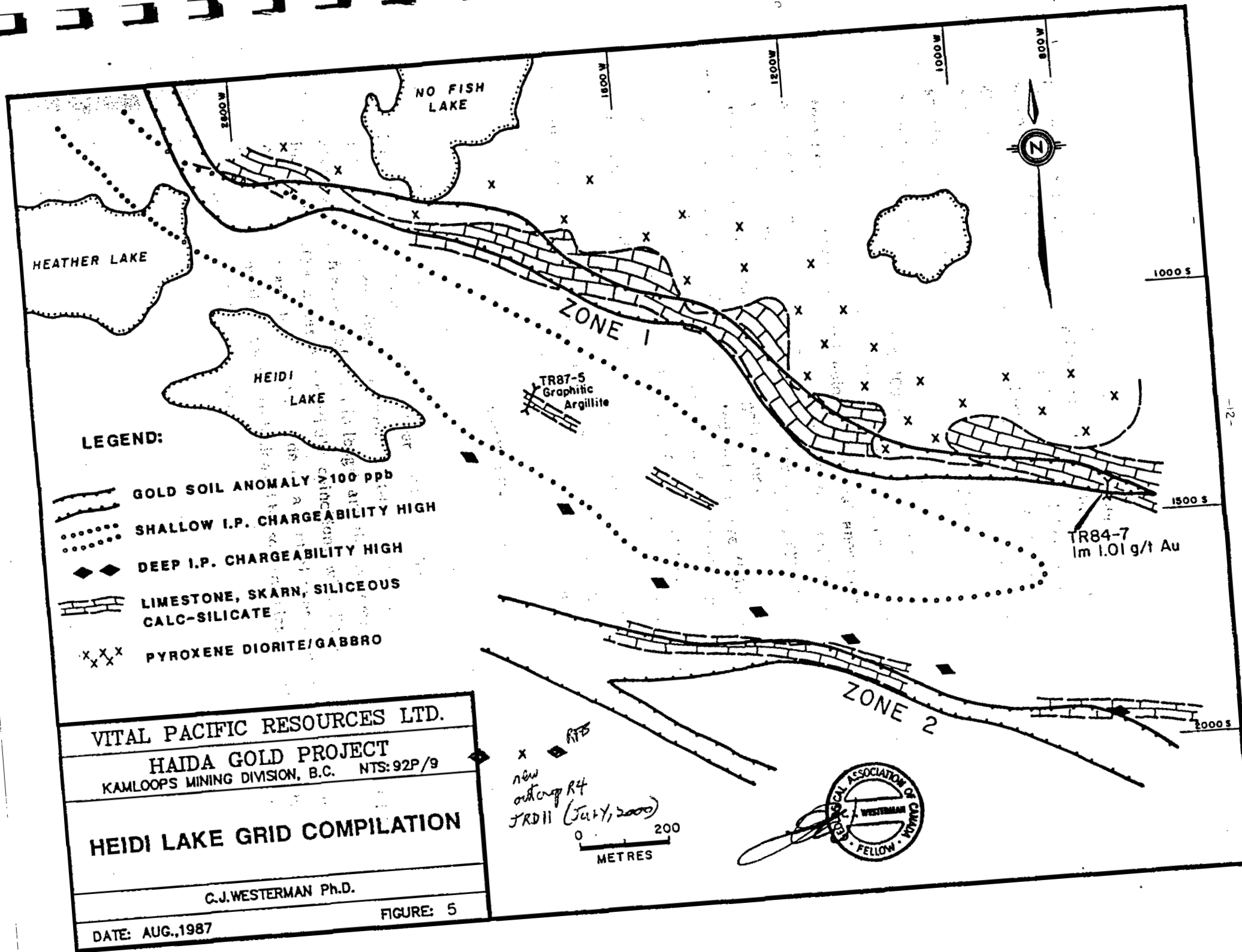
2000 PROGRAM, SAMPLE DESCRIPTIONS

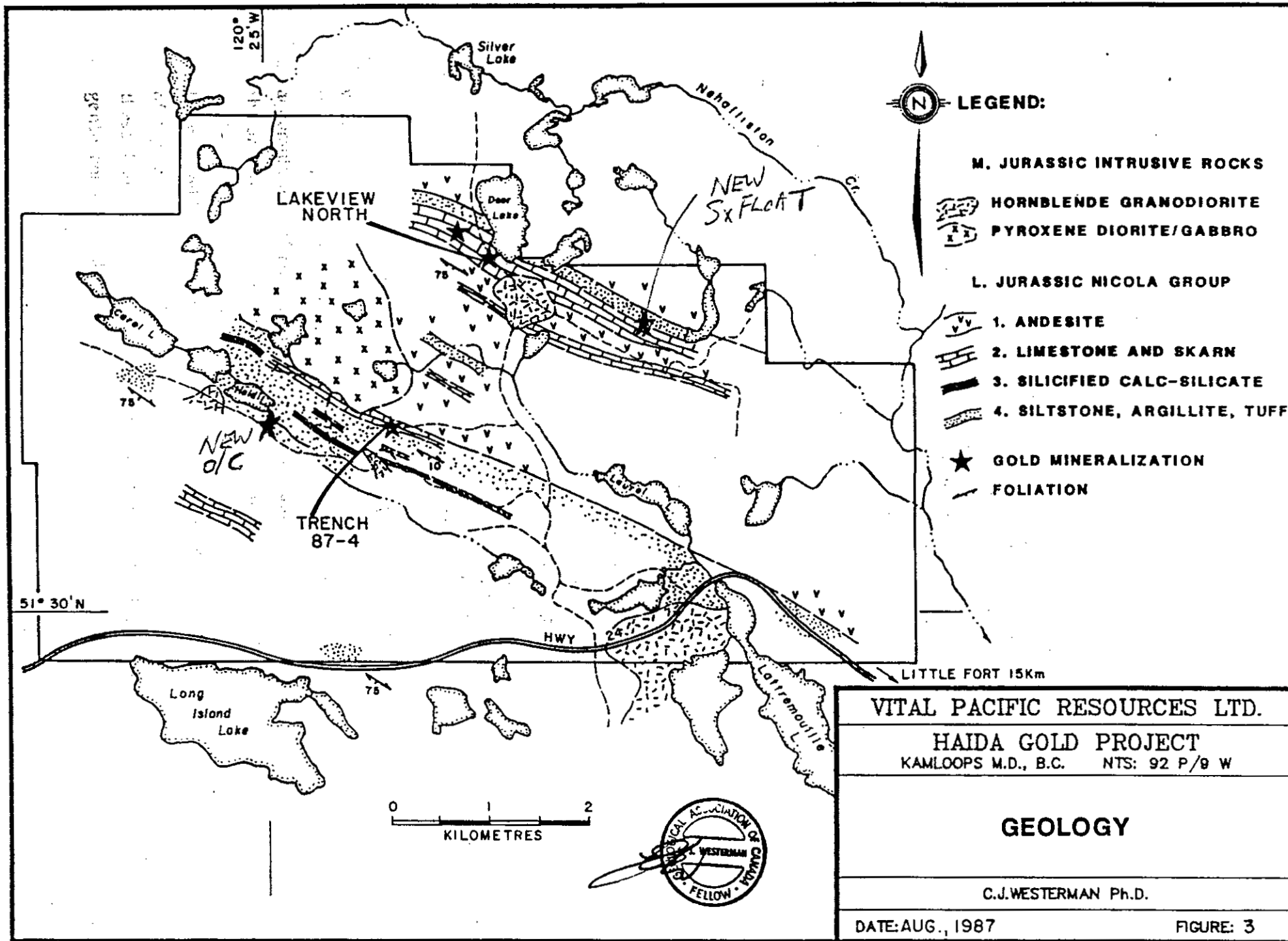
SAMPLES FOR ASSAY

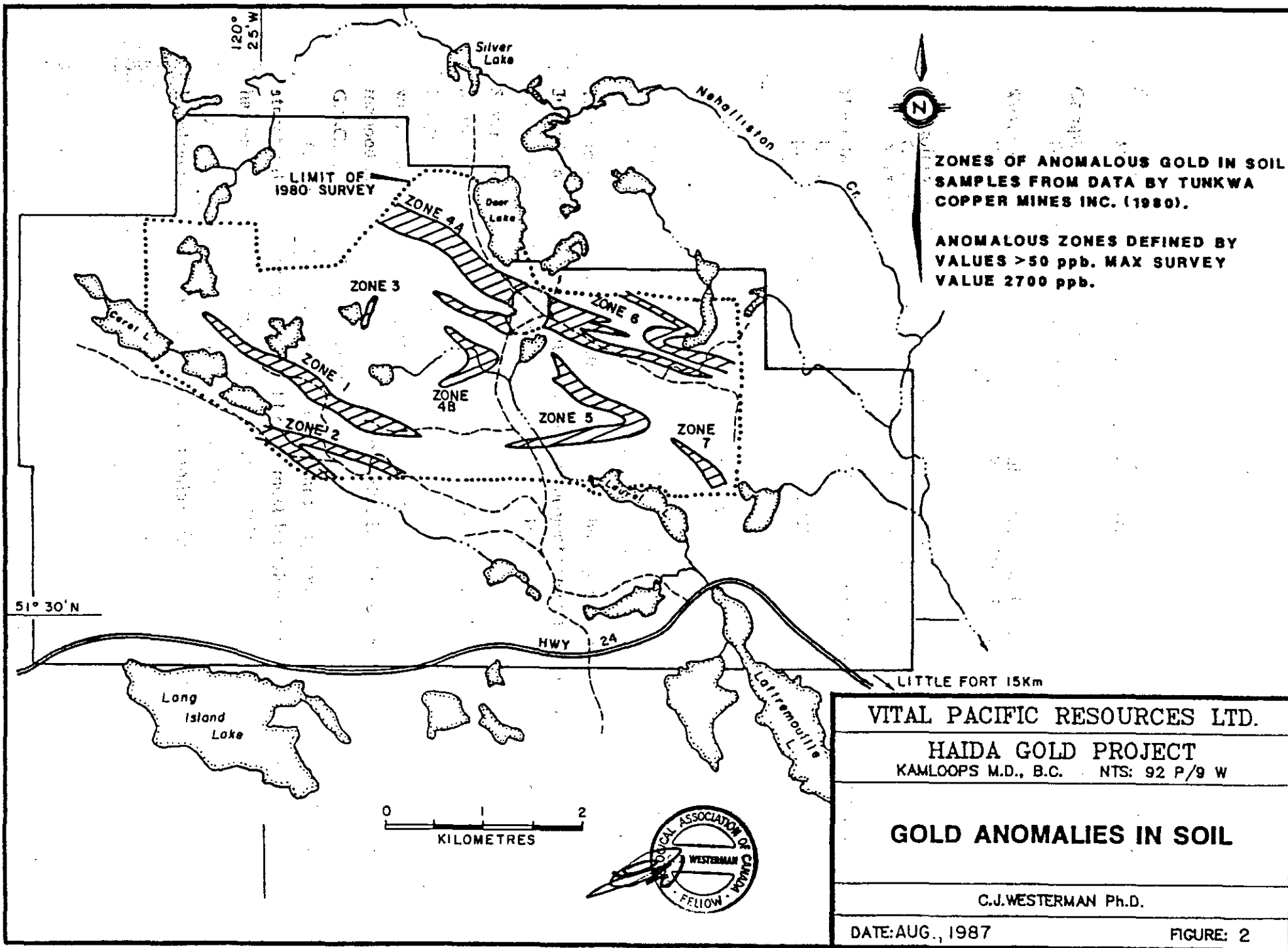
JRD1	Lakeview zone, po, py specks cpy
JRD2	Lakeview zone, glory hole, massive sulphide py, po, mag, cpy.
JRD3	Deer Lake south trench, east, skarn, magnetite
JRD4	Deer Lake south trench, west, magnetite, po, trace cpy.
JRD5	large boulder near road, py, quartz veined.
JRD6	road trench, sediments with 5% sulfides
JRD7	road trench, 3% sulfides, po, py as blotchs in phyric andesite with chlorite, epidote.
JRD8	100m SE JRD7, in ditch, blotchy pyrite and chlorite in andesite.
JRD9	near Teck trench, southern area, siliceous sediment with stockwork hematite and sphalerite.
JRD10	old Teck trench float, massive sulfide of sphalerite, galena, po
JRD11	R4 area, pyrite rich (10%) boulder of intrusive along the road.
JRD12	schistose sediments along road, float.
JRD13	volcanic breccia along road, float.
JRD14	calc-silicate with quartz and tourmaline (?)
JRD15	South trenches Deer Lake, po, py, minor magnetite in calc-silicate
JRD16	fractured siltstone, limonite, hematite stain, 1-2% py.
JRD17	calc-silicate, 10% py with cpy.
JRD18	oxidized portion of massive sulfide boulder in ditch
JRD19	fresh massive sulfide (50% py, cpy) boulder in ditch.
JRD20	glory hole, po, py to 20%, host rock fine grained magnetic andesite.

SPECIMEN SAMPLES

R1	Lakeview adit and pit area, host rock hornfelsed sediment, calc silicate, and massive magnetite, po.
R3	float and outcrop of iron carbonate and quartz vein stockworked siltstone with 2.5% py.
R4	outcrop at junction south logging road and Blow Down Creek road, fractured, siltstone and minor garnetiferous argillite, siltstone weak calc-silicate alteration, 2.5% py, trace cpy, gray metallic mineral.
R5	outcrop and rubble fine bedded siltstone-argillite, fractured, 2.5% py.
R6	variety of float blocks, siliceous siltstone, quartz veinlets, iron carbonate altered.
R7	Teck Expl. Pb-Zn showing, float sample from trench area of coarse bedded siltstone and argillite with Sx along bedding contacts, minor magnetite, with galena and sphalerite.
R8	Breccia of dark siltstone clasts in a siliceous calc-silicate matrix with a pale green lustrous silicate sheen, 5% pyrite.
R9	same site as JRD16, fractured, limonitic, hematitic siltstone with 1-2.5% pyrite.







APPENDIX G

REFERENCES

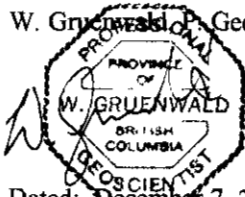
- Brown, R. (2000) Internal report: "Comments on Deer Lake Property Review"
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B.C. Ministry of Energy and Mines, Assessment Report #20020
- Bruland, Tor (1990) Diamond Drilling, Geological, Geochemical and Geophysical Report on the Haida Property.
B.C. 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.
- Lloyd, J.; Westerman, C.J. (1988) Drilling report on the Haida Gold Property.
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- 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
- Zastavnikovich, S. (2000) Lithochemical Report on the Haida Mineral Property

APPENDIX H CERTIFICATE

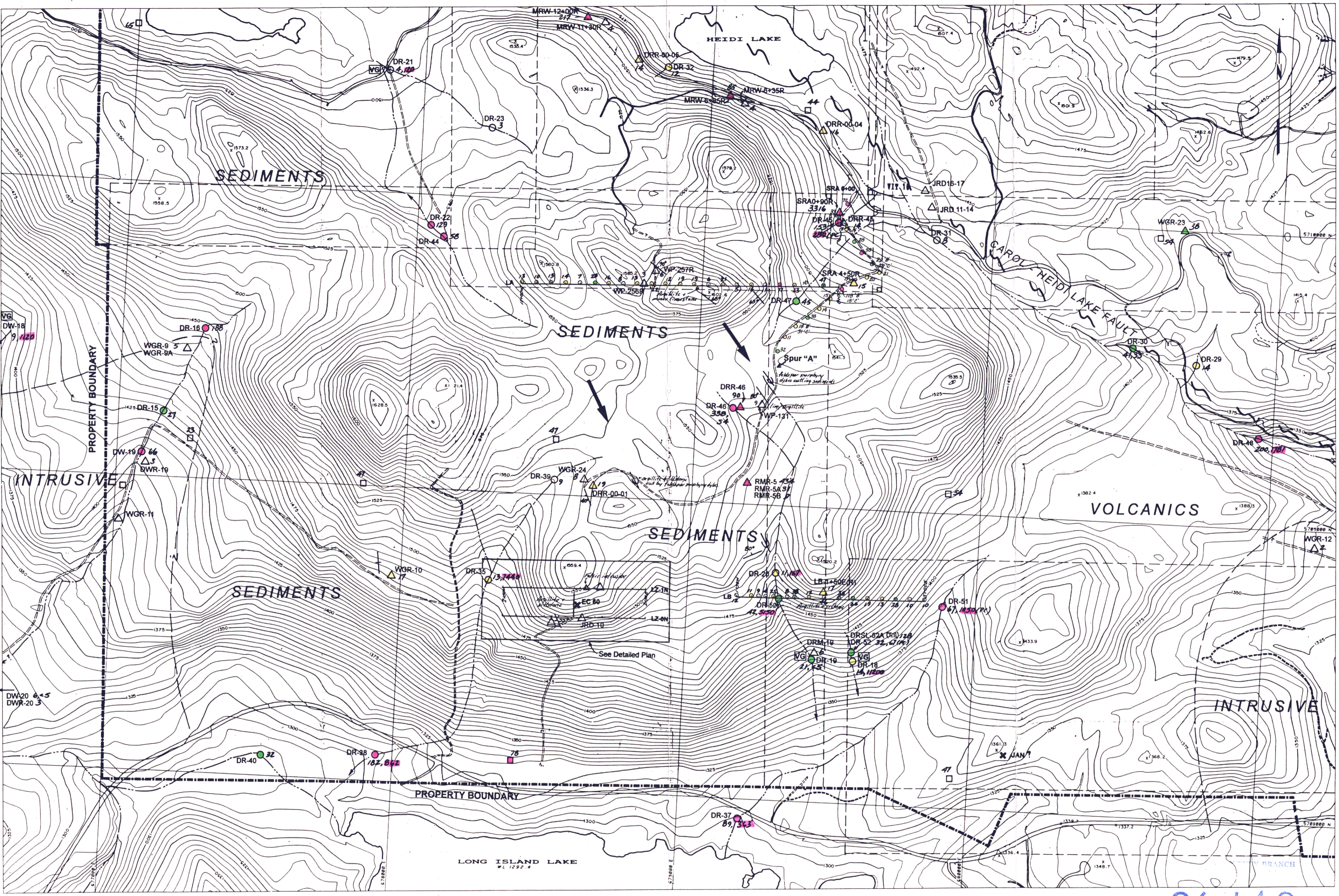
I, WARNER GRUENWALD OF THE CITY OF VERNON, BRITISH COLUMBIA HEREBY CERTIFY THAT:

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 28 years in western Canada and the US.
6. I was actively involved in the 2000 exploration program on the Deer Lake property.

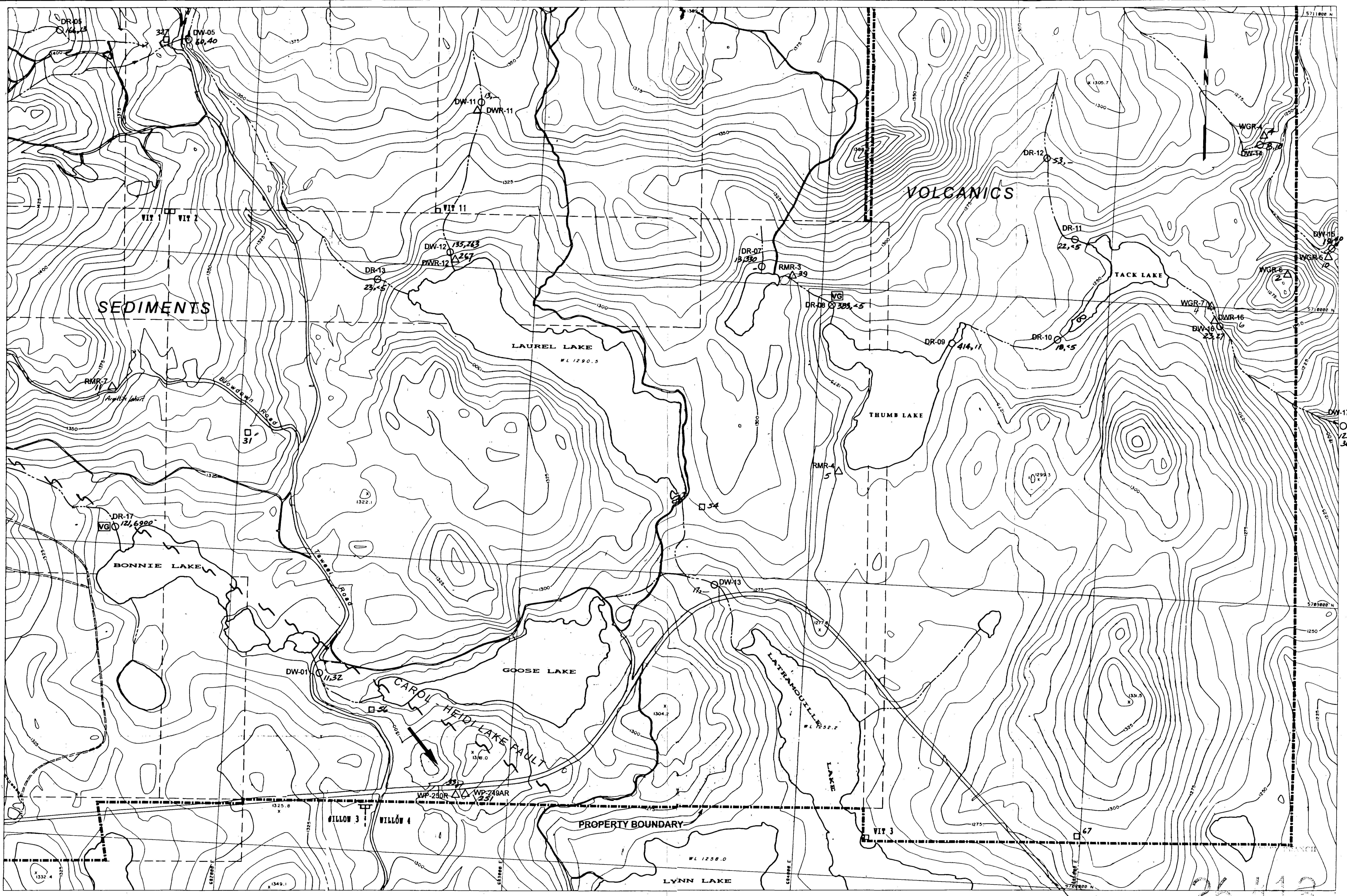
W. Gruenwald, P. Geo., FGAC



Dated: December 7, 2000



<ul style="list-style-type: none"> --- Creek --- Topographic Contour --- Road with Co-ordinate --- Property Claim Boundary 	<ul style="list-style-type: none"> --- Grid Line with Sample Station ○ DR-02 Stream Sample Site (1999, 2000) △ Visible Gold in Panned Concentrate △ RMR-04 Rock Sample Site 	<ul style="list-style-type: none"> ← Glacial Striae ← Glacial Ice Direction --- Bedding Attitude --- Fault (inferred) 	<ul style="list-style-type: none"> ✕ Mineral Occurrence ○ Silt, panned concentrate values Note: Geochemical Data in ppb 	<p>GEOCHEMICAL CATEGORIES</p> <ul style="list-style-type: none"> ○ <10 ppb Au ● 10 - 25 ppb Au ● 25 - 50 ppb Au ● >50 ppb Au ■ Basal Till >70 ppb Au 	<ul style="list-style-type: none"> □ Basal Till Site - BCGS (1999) 	<p align="center">NTS MAP NO 92P/08 & 09 (Map Datum - NAD 27)</p> <p align="center">PRELIMINARY RECONNAISSANCE TYPE MAPPING SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.</p>	<p align="center">SHEET INDEX</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">3</td> <td style="padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> </tr> </table>	3	4	1	2	<p align="center">ELECTROMAGNETIC RESOURCE CORP. DEER LAKE PROPERTY</p> <p align="center">GEOCHEMICAL PLAN - GOLD</p> <p>To accompany a report by W. Gruenwald, P. Geol.</p> <p>Drawn by: _____ Date: November, 2000 Project: _____ Report: _____ Scale: 1:5000</p> <p align="right">SHEET NUMBER 1 OF 4 FIGURE Au-1</p>
3	4											
1	2											



- Creek
- Topographic Contour
- Road with Co-ordinate
- - - Property Claim Boundary
- Grid Line with Sample Station
- DR-02 ○ Stream Sample Site (1999, 2000)
- VG Visible Gold in Panned Concentrate
- RMR-04 △ Rock Sample Site
- ← Glacial Striae
- ← Glacial Ice Direction
- ~ Bedding Altitude
- - - Fault (inferred)
- × Mineral Occurrence
- Silt, panned concentrate values
- Note: Geochemical Data in ppb

□ Basal Till Site - BCGS (1999)

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NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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

Scale: 1:5000

SHEET NUMBER 2 OF 4

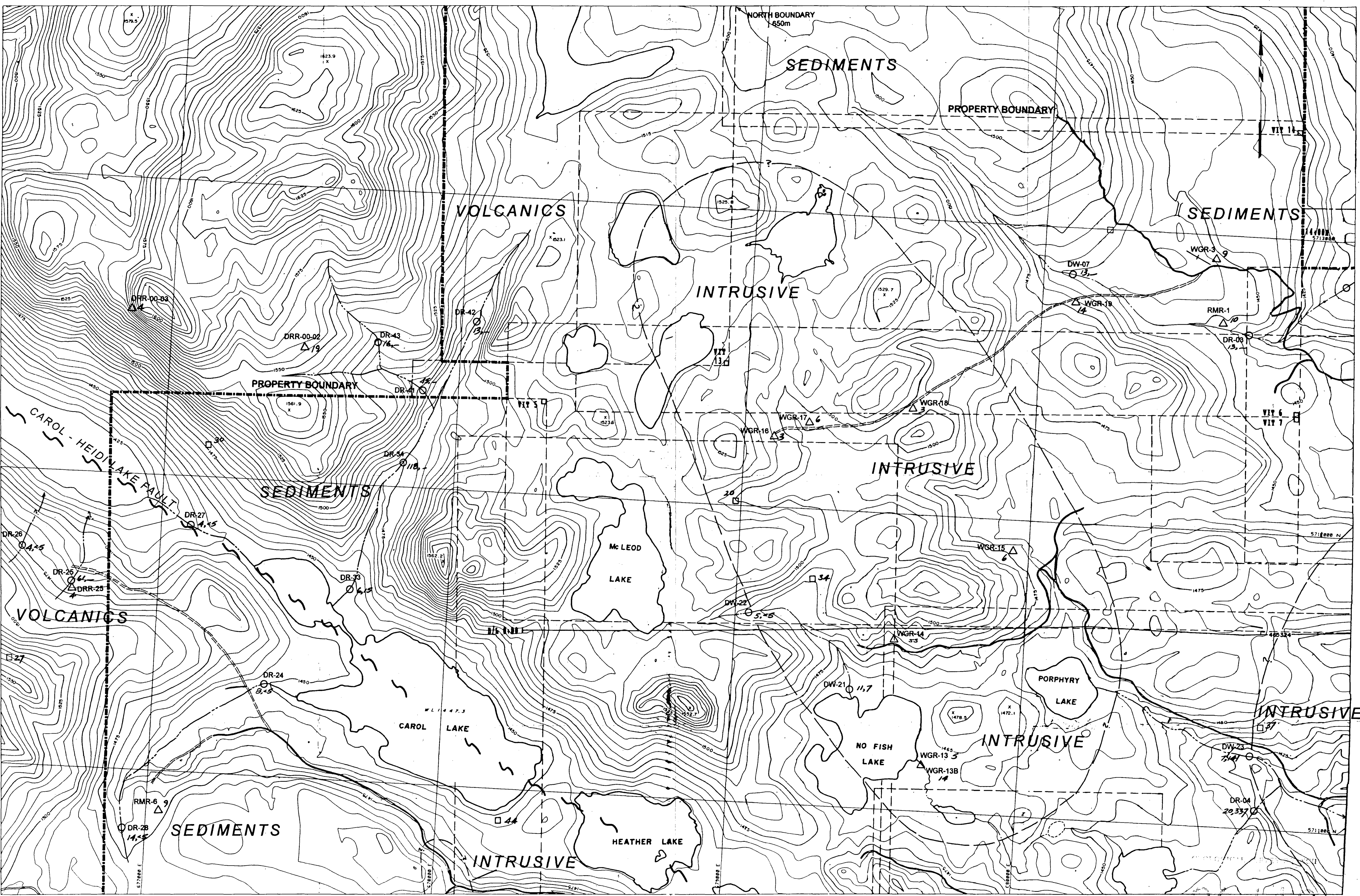
ELECTROM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - GOLD

Date: November 2000 Project: Report: Drawing: Revision:

Scale: 1:5000

FIGURE AU-2



Creek	Grid Line with Sample Station	Glacial Striae	Mineral Occurrence	Basal Till Site - BCGS (1999)
Topographic Contour	Stream Sample Site (1999, 2000)	Glacial Ice Direction	Silt, panned concentrate values	
Road with Co-ordinate	Visible Gold in Panned Concentrate	Bedding Attitude	Note: Geochemical Data in ppb	
Property Claim Boundary	Rock Sample Site	Fault (inferred)		

NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

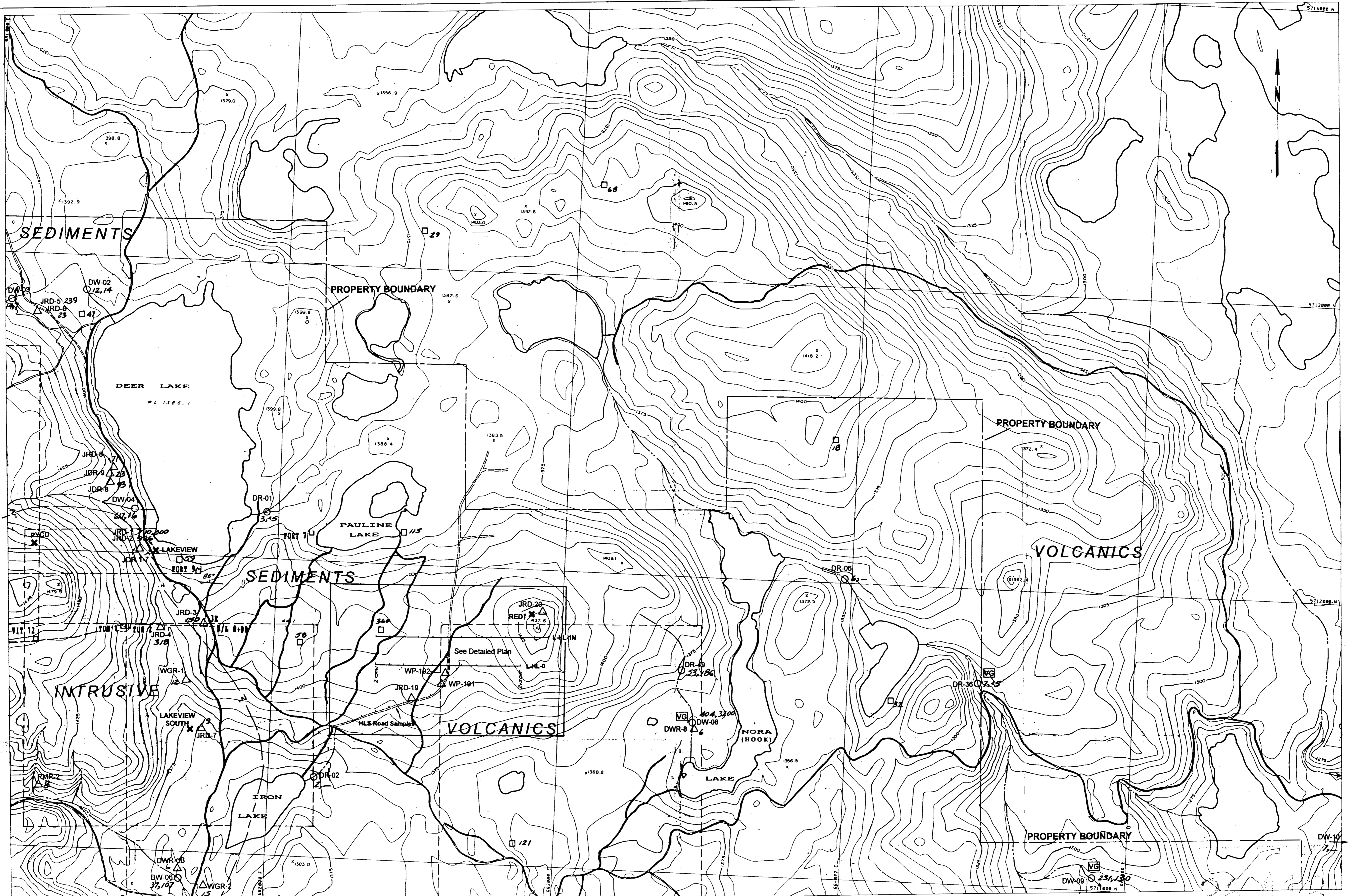
PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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Date: November, 2000	Report: [Blank]
SHEET NUMBER: 3 OF 4	Scale: 1:5000

ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - GOLD

FIGURE Au-3



- Creek
- Topographic Contour
- Road with Co-ordinate
- Property Claim Boundary
- Grid Line with Sample Station
- Stream Sample Site (1999, 2000)
- Visible Gold in Panned Concentrate
- △ Rock Sample Site
- ← Glacial Striae
- ← Glacial Ice Direction
- Bedding Altitude
- Fault (inferred)
- × Mineral Occurrence
- Silt, panned concentrate values
- Basal Till Site - BCGS (1999)

NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
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ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - GOLD

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

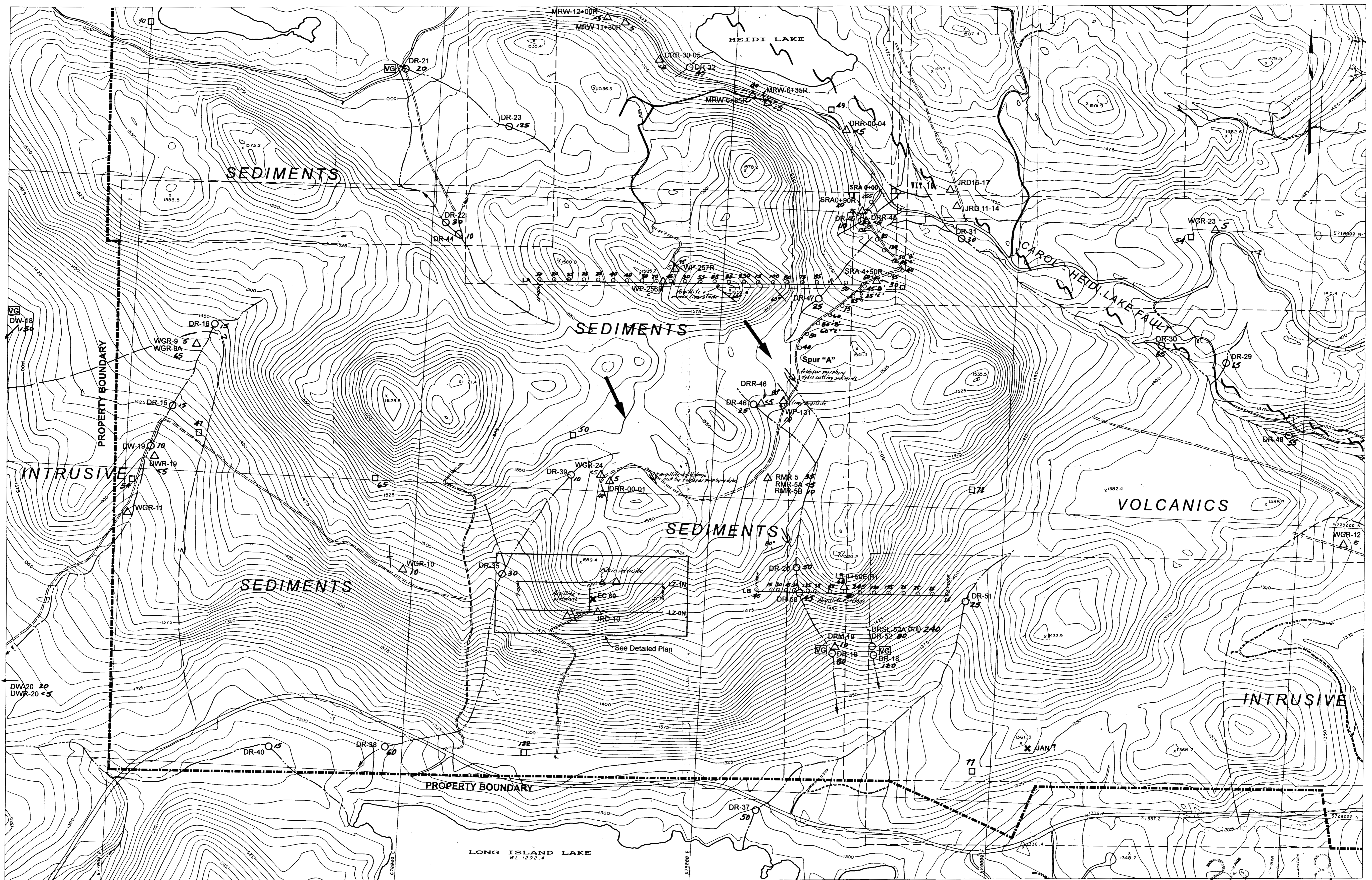
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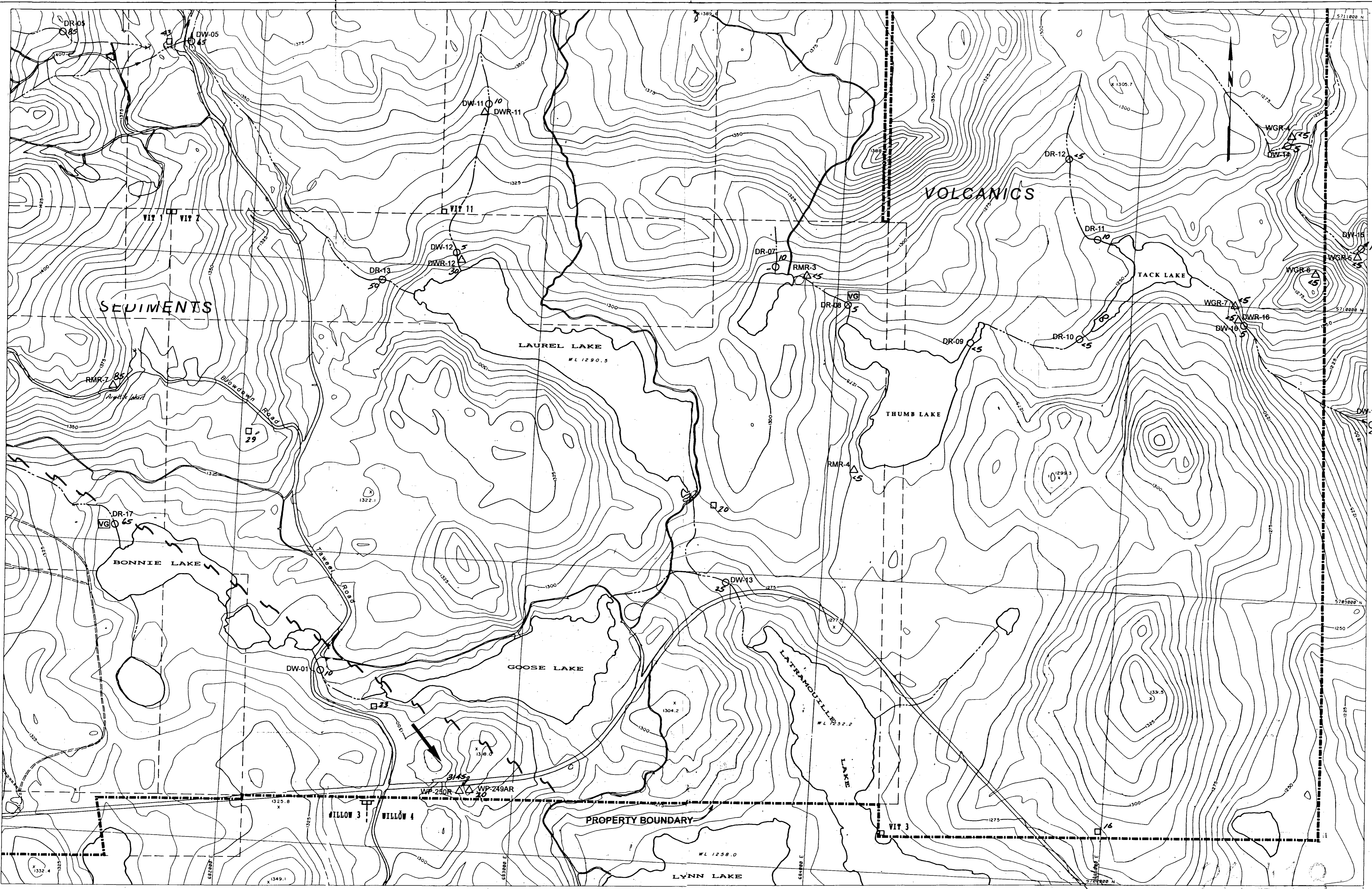
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FIGURE Au-4

Note: Geochemical Data in ppb



<ul style="list-style-type: none"> — Creek — Topographic Contour — Road with Co-ordinate — Property Claim Boundary 	<ul style="list-style-type: none"> — Grid Line with Sample Station ○ DR-02 Stream Sample Site (1999, 2000) VG Visible Gold in Panned Concentrate RMR-04 △ Rock Sample Site 	<ul style="list-style-type: none"> ← Glacial Striae ← Glacial Ice Direction 70° Bedding Altitude — Fault (inferred) 	<ul style="list-style-type: none"> ✕ Mineral Occurrence 	<p>GEOCHEMICAL CATEGORIES</p> <ul style="list-style-type: none"> ○ <20 ppm As ○ 20 - 40 ppm As ○ 41 - 80 ppm As ○ >80 ppm As □ Basal Till >80 ppm Zn 	<p>□ Basal Till Site - BCGS (1999)</p>	<p>NTS MAP NO 92P/08 & 09 (Map Datum - NAD 27)</p>	<p>PRELIMINARY RECONNAISSANCE TYPE MAPPING SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.</p>	<p>ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY</p> <p>GEOCHEMICAL PLAN - ARSENIC</p> <p>To accompany a report by W.Gruenwald, P. Geo.</p> <p>Drawn by: [Signature] Project: [Blank] Drawing: [Blank] Date: November, 2000 Report: [Blank] Revision: [Blank]</p> <p>SHEET NUMBER 1 OF 4 Scale 1:5000 FIGURE AS-1</p>
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- Creek
- Topographic Contour
- Road with Co-ordinate
- Property Claim Boundary
- Grid Line with Sample Station
- Stream Sample Site (1999, 2000)
- ▽ Visible Gold in Panned Concentrate
- △ Rock Sample Site
- ← Glacial Striae
- ← Glacial Ice Direction
- Bedding Attitude
- Fault (inferred)
- × Mineral Occurrence
- Basal Till Site - BCGS (1999)

Note: Geochemical Data in ppm

NTS MAP NO 92P/08 & 09
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PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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

SHEET NUMBER 2 OF 4

ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - ARSENIC

Drawn by: [Signature] Date: November, 2000 Project: [Blank] Report: [Blank] Drawing Revision: [Blank]

Scale: 1:5000

FIGURE As-2



- Creek
- Topographic Contour
- Road with Co-ordinate
- Property Claim Boundary
- Grid Line with Sample Station
- DR-02 ○ Stream Sample Site (1999, 2000)
- VG Visible Gold in Panned Concentrate
- RMR-04 △ Rock Sample Site
- Glacial Striae
- Glacial Ice Direction
- Bedding Attitude
- Fault (inferred)
- × Mineral Occurrence
- Basal Till Site - BCGS (1999)

Note: Geochemical Data in ppm

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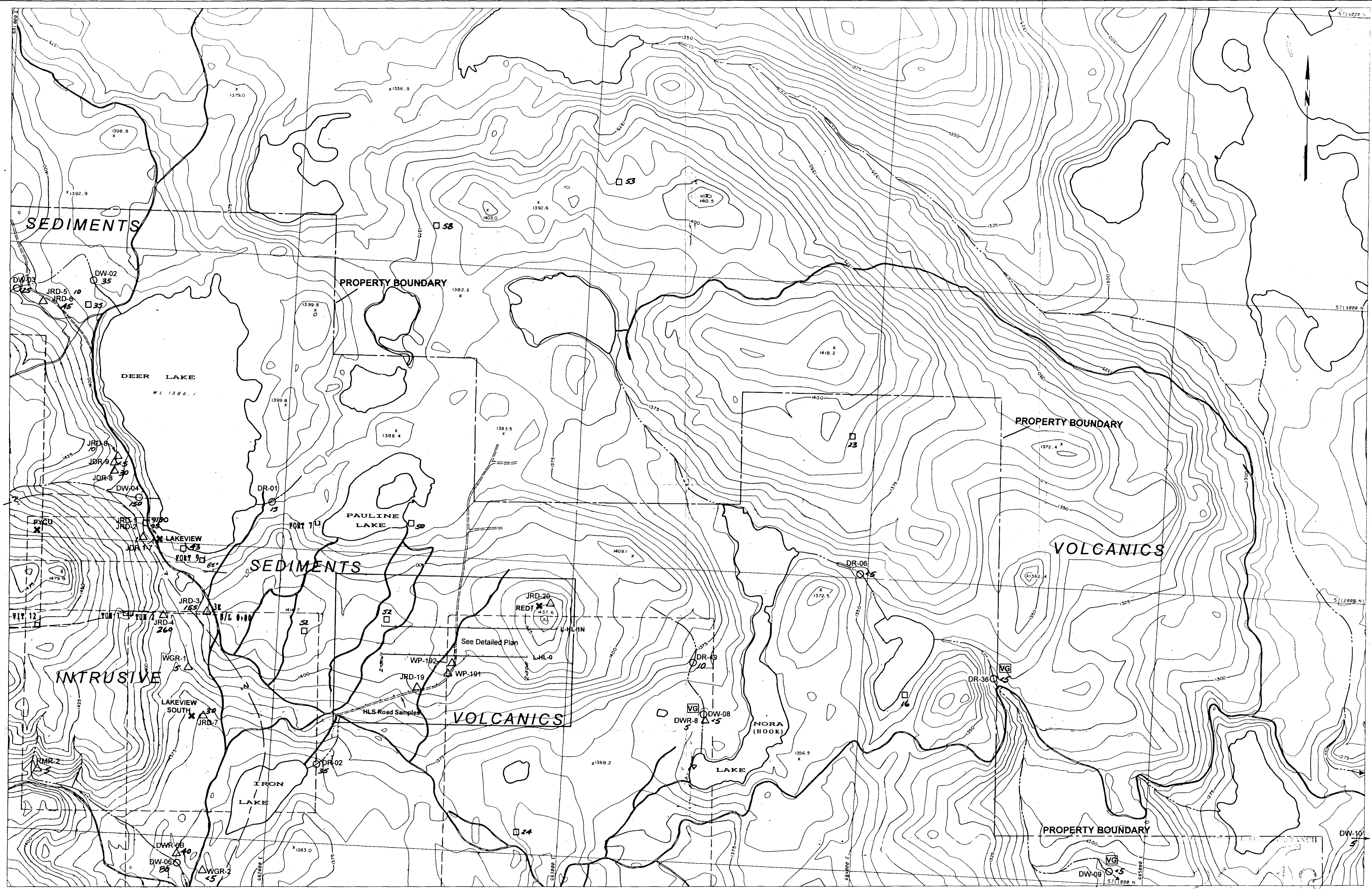
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(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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

SHEET NUMBER 3 OF 4

	DEER LAKE PROPERTY
GEOCHEMICAL PLAN - ARSENIC	
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Scale: 1:5000	
FIGURE AS-3	



- Creek
- Topographic Contour
- Road with Co-ordinate
- Property Claim Boundary
- Grid Line with Sample Station
- DR-02 ○ Stream Sample Site (1999, 2000)
- VG Visible Gold in Panned Concentrate
- RMR-04 △ Rock Sample Site
- ← Glacial Striae
- ← Glacial Ice Direction
- Bedding Attitude
- Fault (inferred)
- × Mineral Occurrence
- Basal Till Site - BCGS (1999)

Note: Geochemical Data in ppm

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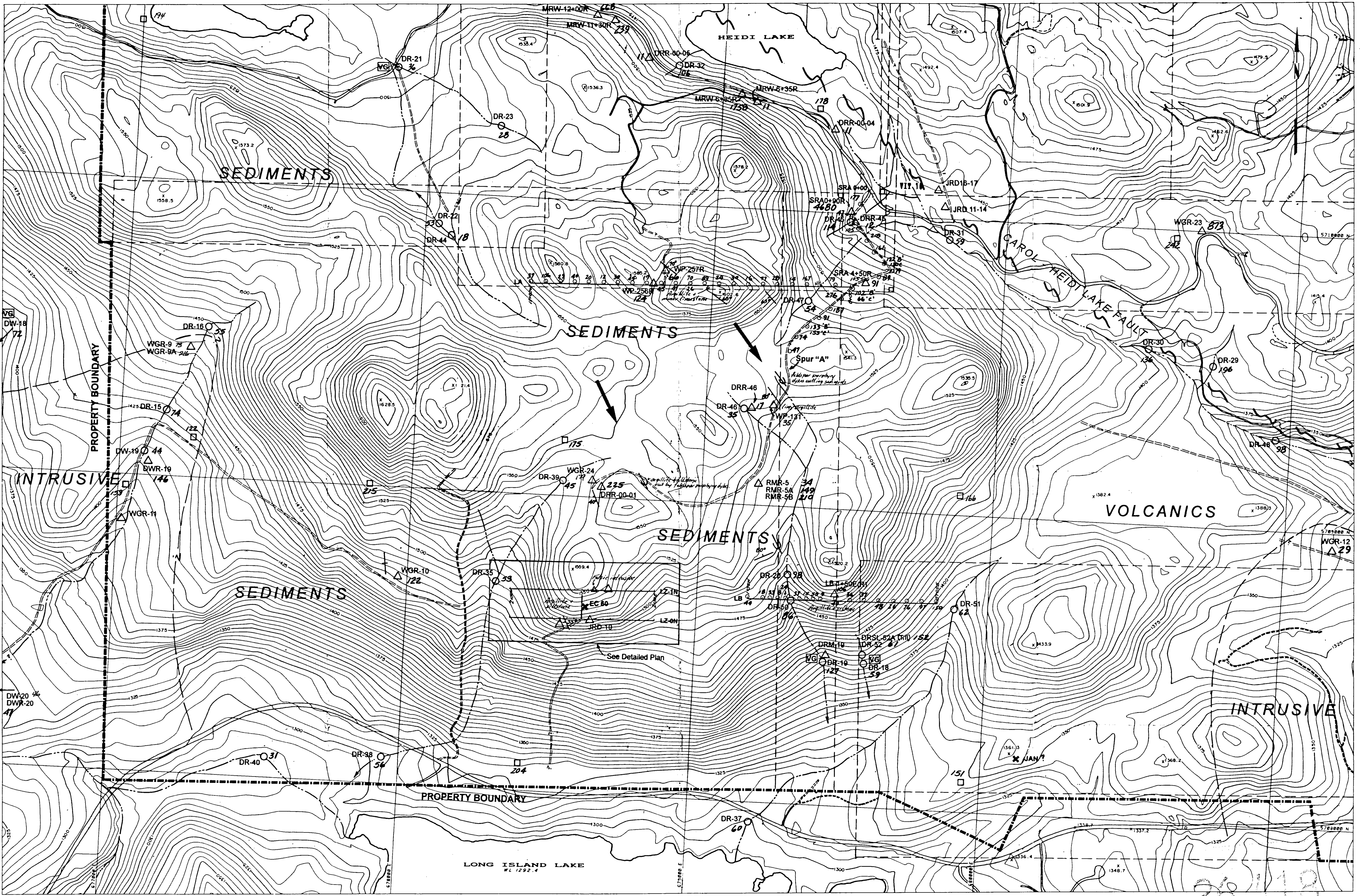
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NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTS IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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

ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY	
GEOCHEMICAL PLAN - ARSENIC	
Drawn by: November, 2000	Project: Report:
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FIGURE As-4	



- Creek
 - Topographic Contour
 - Road with Co-ordinate
 - Property Claim Boundary
 - Grid Line with Sample Station
 - Stream Sample Site (1999, 2000)
 - Visible Gold in Panned Concentrate
 - Rock Sample Site
 - Glacial Striae
 - Glacial Ice Direction
 - Bedding Attitude
 - Fault (inferred)
 - Mineral Occurrence
 - Basal Till Site - BCGS (1999)
- Note: Geochemical Data in ppm

GEOCHEMICAL CATEGORIES	
○	< 50 ppm Cu
○	50 - 100 ppm Cu
○	101 - 150 ppm Cu
○	> 150 ppm Cu
□	Basal Till > 250 ppm Cu

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NTS MAP NO 92P/08 & 09
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PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GRADING CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

To accompany a report by W Gruenwald, P. Geo

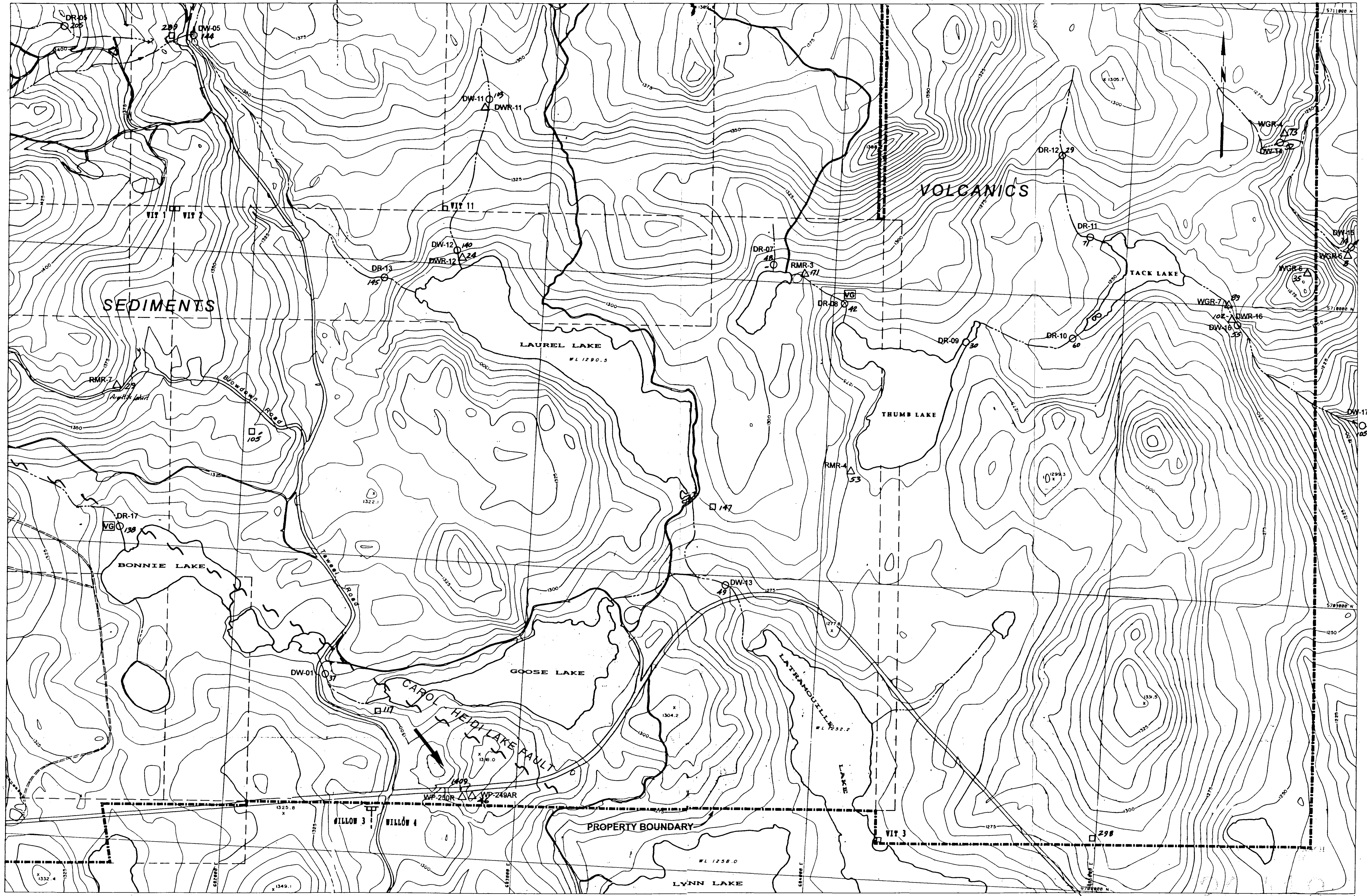
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Project: [Blank]
Sheet Number: 1 of 4

ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - COPPER

Scale: 1:5000

FIGURE Cu-1



- Creek
- Topographic Contour
- Road with Co-ordinate
- Property Claim Boundary
- Grid Line with Sample Station
- Stream Sample Site (1999, 2000)
- Visible Gold in Panned Concentrate
- Rock Sample Site
- Glacial Striae
- Glacial Ice Direction
- Bedding Altitude
- Fault (inferred)
- Mineral Occurrence
- Basal Till Site - BCGS (1999)

Note: Geochemical Data in ppm

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NTS MAP NO 92P/08 & 09
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PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL.
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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

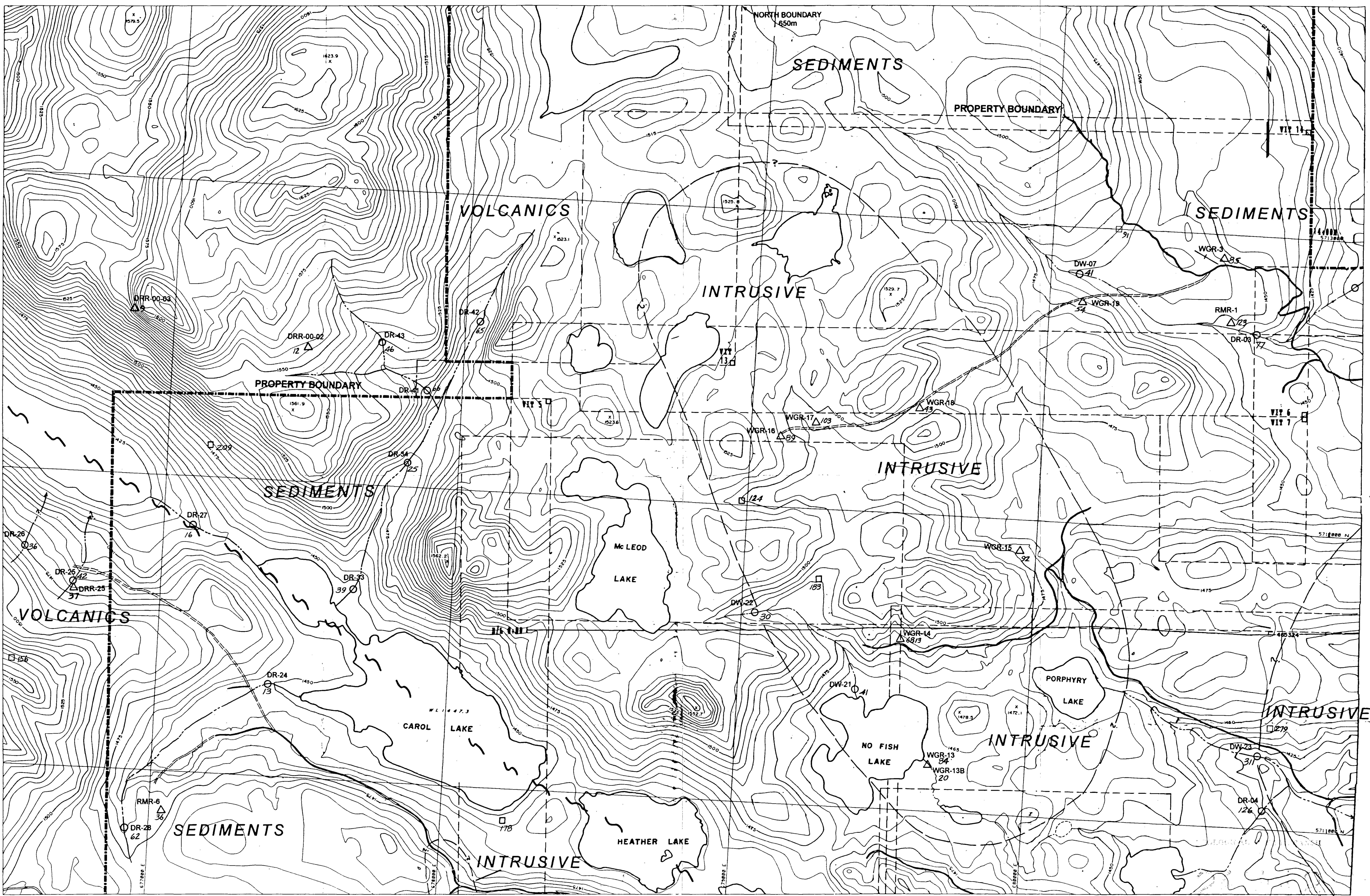
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Date: November, 2000
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ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - COPPER

Scale: 1:5000

FIGURE Cu-2



<ul style="list-style-type: none"> Creek Topographic Contour Road with Co-ordinate Property Claim Boundary 	<ul style="list-style-type: none"> Grid Line with Sample Station Stream Sample Site (1999, 2000) Visible Gold in Panned Concentrate Rock Sample Site 	<ul style="list-style-type: none"> Glacial Striae Glacial Ice Direction Bedding Attitude Fault (inferred) 	<ul style="list-style-type: none"> Mineral Occurrence Basal Till Site - BCGS (1999)
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Note: Geochemical Data in ppm

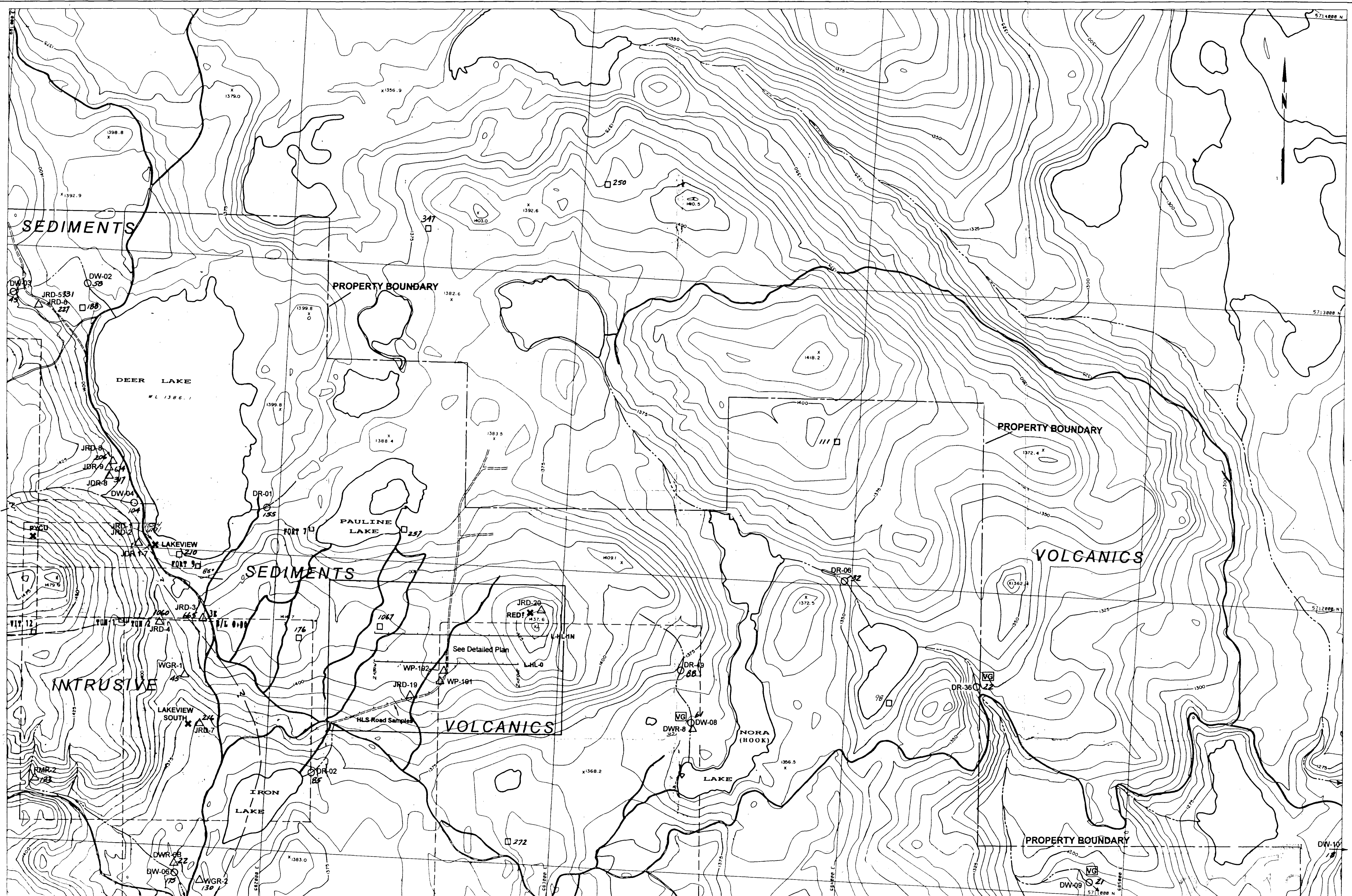
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PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY	
GEOCHEMICAL PLAN - COPPER	
To accompany a report by W Gruenwald, P. Geo.	
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Date: November, 2000	Report: [Blank]
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	FIGURE Cu-3



--- Creek	--- Grid Line with Sample Station	← Glacial Striae	✕ Mineral Occurrence	□ Basal Till Site - BCGS (1999)
--- Topographic Contour	○ DR-02 Stream Sample Site (1999, 2000)	→ Glacial Ice Direction		
--- Road with Co-ordinate	▽ Visible Gold in Panned Concentrate	--- Bedding Attitude		
--- Property Claim Boundary	△ RMR-04 Rock Sample Site	--- Fault (inferred)		

Note: Geochemical Data in ppm

NTS MAP NO 92P/08 & 09
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PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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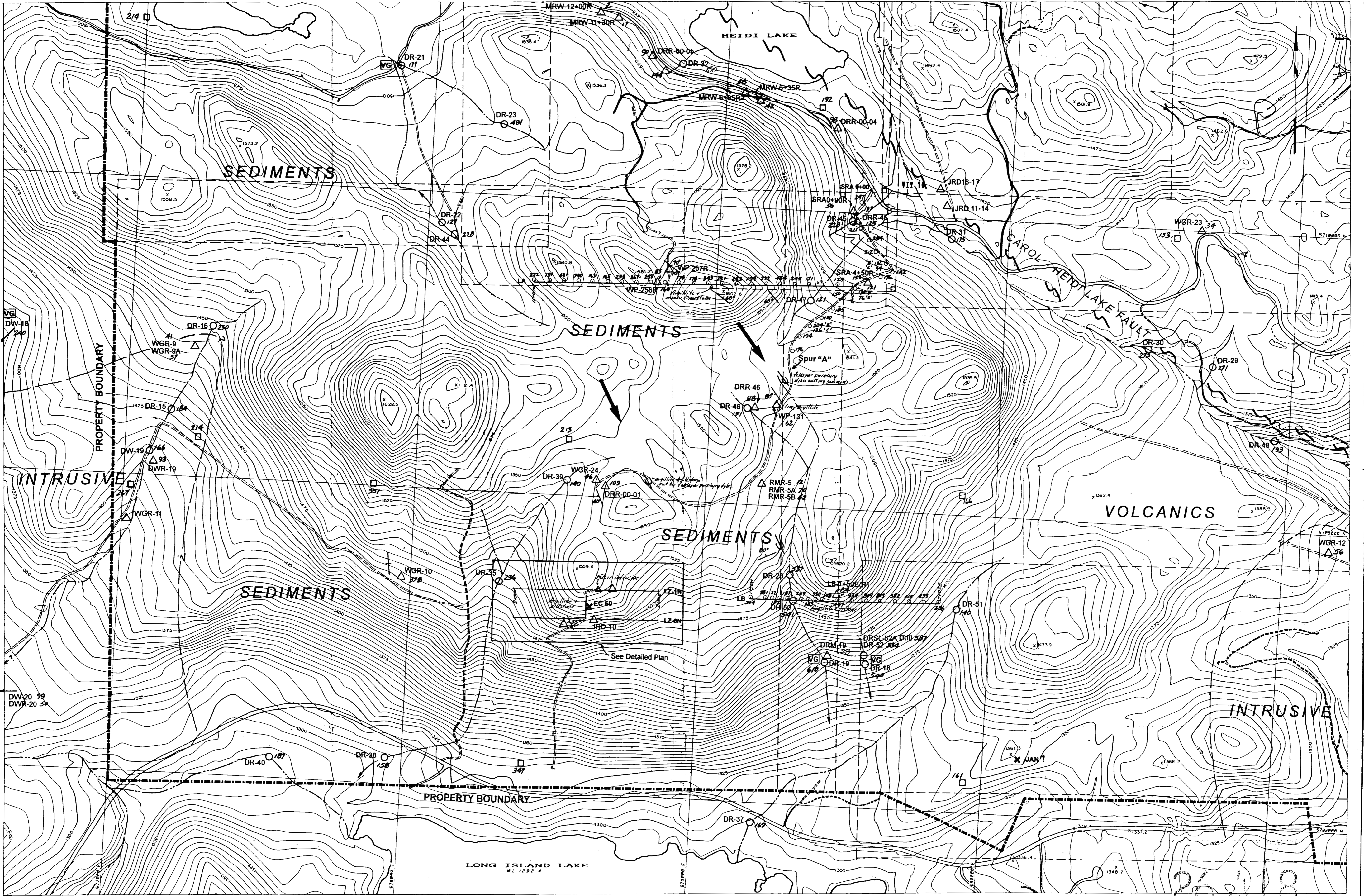
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ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - COPPER

Scale: 1:5000

FIGURE CU-4



26,418

- Creek
- Topographic Contour
- Road with Co-ordinate
- Property Claim Boundary
- Grid Line with Sample Station
- DR-02 Stream Sample Site (1999, 2000)
- VG Visible Gold in Panned Concentrate
- △ RMR-04 Rock Sample Site
- ← Glacial Striae
- ← Glacial Ice Direction
- 70° Bedding Attitude
- Fault (inferred)
- × Mineral Occurrence

GEOCHEMICAL CATEGORIES

○	<75 ppm Zn
○	75 - 150 ppm Zn
○	151 - 225 ppm Zn
○	>225 ppm Zn
□	Basal Till >250 ppm Zn

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NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL.
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

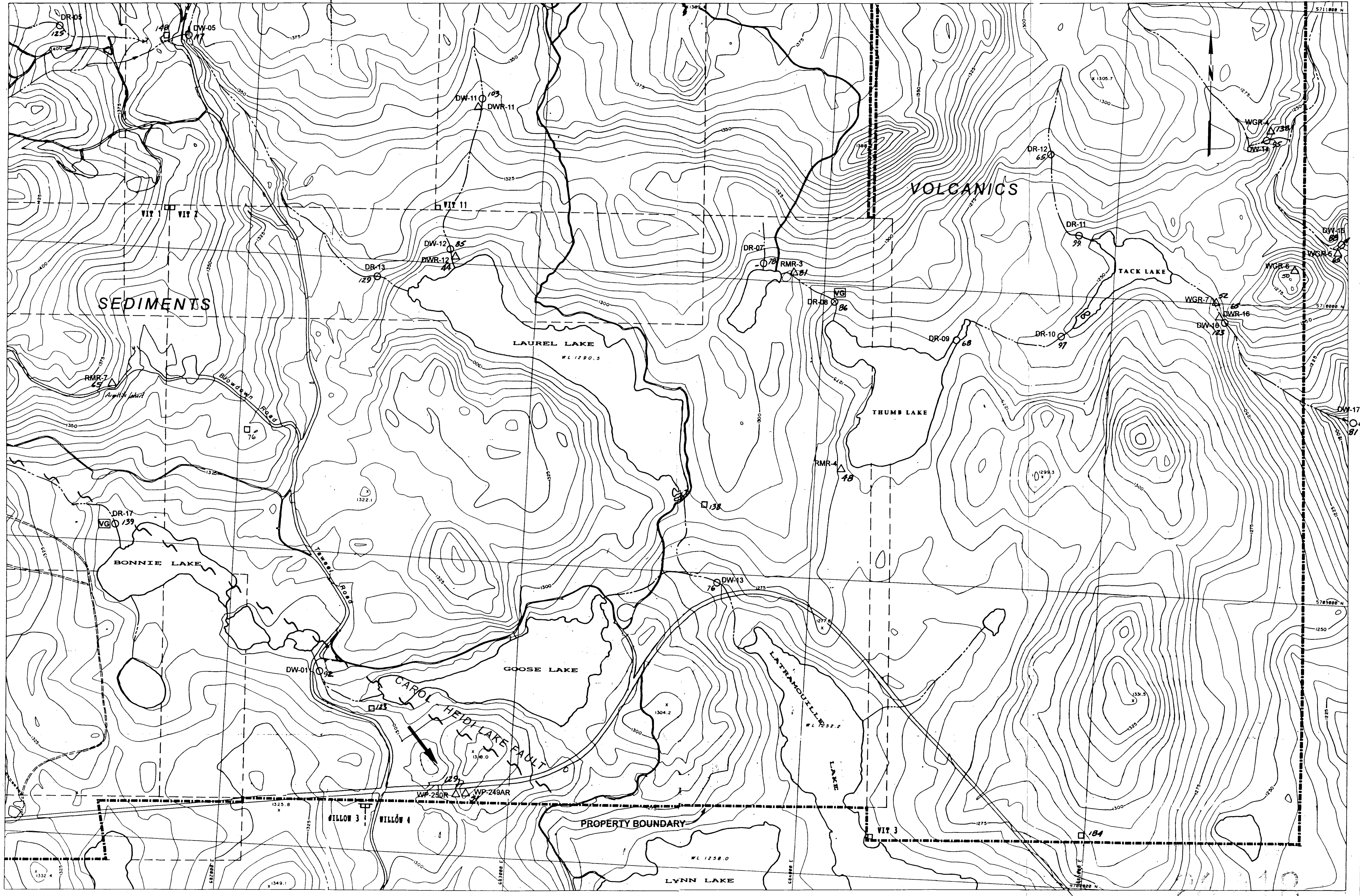
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ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - ZINC

FIGURE Zn-1



- Creek
 - Topographic Contour
 - Road with Co-ordinate
 - Property Claim Boundary
 - Grid Line with Sample Station
 - Stream Sample Site (1999, 2000)
 - Visible Gold in Panned Concentrate
 - Rock Sample Site
 - Glacial Striae
 - Glacial Ice Direction
 - Bedding Attitude
 - Fault (inferred)
 - Mineral Occurrence
 - Basal Till Site - BCGS (1999)
- Note: Geochemical Data in ppm

SHEET INDEX

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1	2

NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
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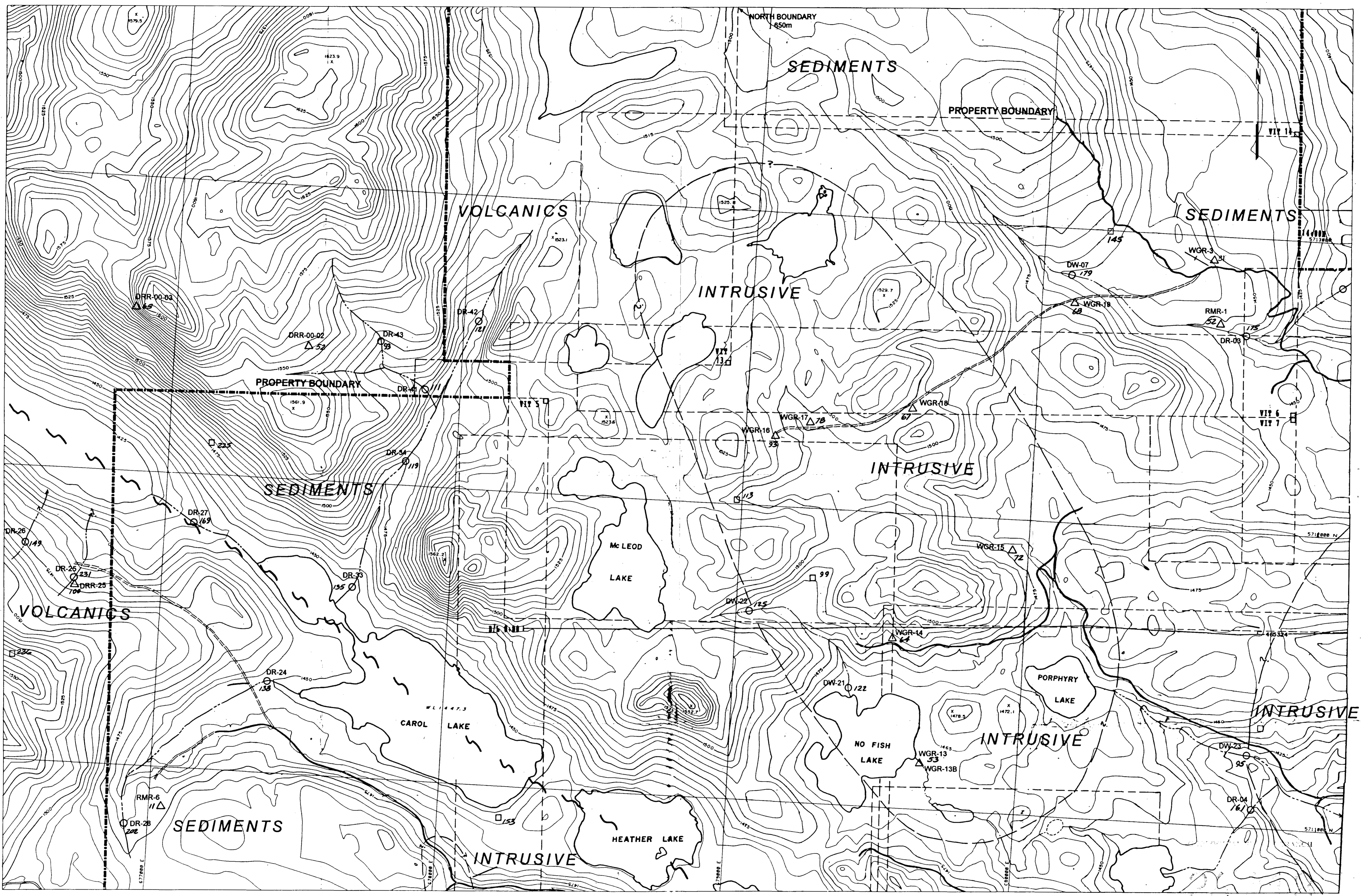
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ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - ZINC

Scale: 1:5000

FIGURE Zn-2



- Creek
 - Topographic Contour
 - Road with Co-ordinate
 - Property Claim Boundary
 - Grid Line with Sample Station
 - Stream Sample Site (1999, 2000)
 - Visible Gold in Panned Concentrate
 - Rock Sample Site
 - Glacial Striae
 - Glacial Ice Direction
 - Bedding Attitude
 - Fault (inferred)
 - Mineral Occurrence
 - Basal Till Site - BCGS (1999)
- Note: Geochemical Data in ppm

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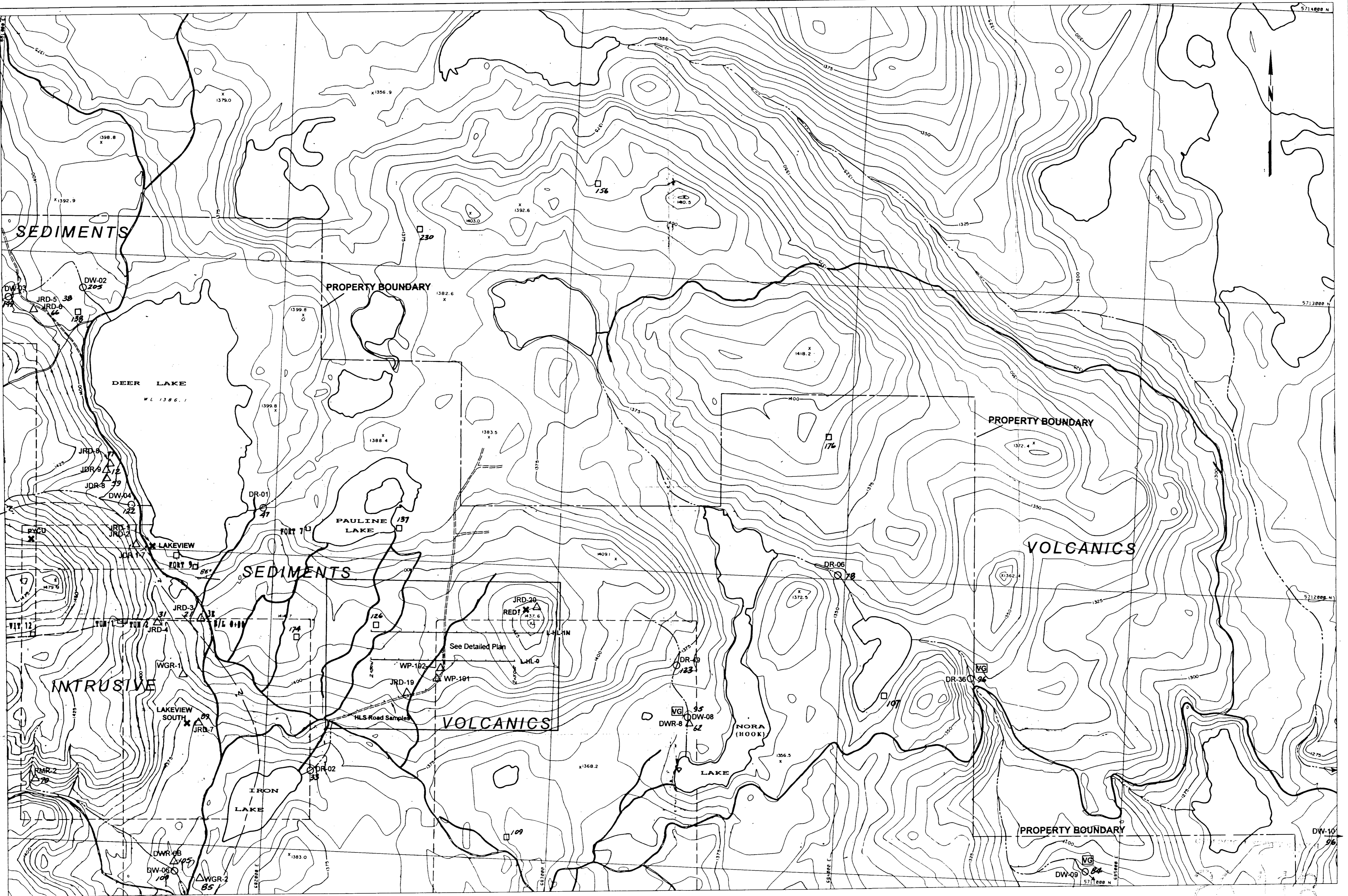
NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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

Scale: 1:5000

ELECTRUM RESOURCE CORP.		DEER LAKE PROPERTY	
GEOCHEMICAL PLAN - ZINC			
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Date: November, 2000			
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- Creek
- Topographic Contour
- Road with Co-ordinate
- Property Claim Boundary
- Grid Line with Sample Station
- DR-02 Stream Sample Site (1999, 2000)
- VG Visible Gold in Panned Concentrate
- △ RMR-04 Rock Sample Site
- ← Glacial Striae
- ← Glacial Ice Direction
- Bedding Attitude
- Fault (inferred)
- ✕ Mineral Occurrence

Note: Geochemical Data in ppm

Basal Till Site - BCGS (1999)

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NTS MAP NO 92P/08 & 09
(Map Datum - NAD 27)

PRELIMINARY RECONNAISSANCE TYPE MAPPING
SCALE AND ELEVATION DATUM BASED ON LIMITED GROUND CONTROL
RESULTING IN GOOD RELATIVE BUT UNCERTAIN MAP ACCURACY.

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ELECTRUM RESOURCE CORP. DEER LAKE PROPERTY

GEOCHEMICAL PLAN - ZINC

Project: [Blank]
Date: November, 2000
Scale: 1:5000
Drawing: [Blank]
Revision: [Blank]

FIGURE Zn-4