GEOLOGICAL REPORT AND WORK PROPOSAL ON THE NUGGET & QUEEN CLAIMS SEYMOUR INLET AREA, B.C.

VANCOUVER M.D.

NTS 92L/14E, 92M/3E

PREPARED FOR

SOLAIA VENTURES INC.

BY

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VICTORIA B.C. FEBRUARY 19, 1996

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SUMMARY

The NUGGET and QUEEN mineral claims lie on the B.C. seacoast mainland 35 kilometers northeast of Port Hardy, just south of Seymour Inlet. Access is available by boat, float plane, and helicopter. The mineral deposits can be reached by a short trail and corduroy road from the camp-landing area.

The six known gold quartz veins on the property were discovered in 1938 and were exposed over their length by trenching. All of the veins were sampled, and No. 4 was sampled in good detail. Vein No. 6 was later mined in 1940-1941, and 1949 and produced a total of 609 tonnes which included 20,869 g gold, 44,758 g silver, 3,869 kg copper, 10,188 kg lead, and 234 kg Zn. Work on the mineral deposits since then has been erratic and has included variable resampling, limited geological mapping and geophysical surveys, and a few inconclusive short drill holes.

The gold quartz veins have been localized along several sets of shear zones in deformed, altered sedimentary and volcanic rocks forming part of a roof pendant lying within a mainly granodiorite pluton. The pendant probably represents Late Triassic or younger country rocks engulfed within an outlier of the Coast Plutonic Complex.

Vein mineralization comprises mainly massive white quartz with pyrite, chalcopyrite, galena, sphalerite, plus magnetite and pyrrhotite. Overall the vein sample assay results range from about 5 parts per billion to over 475.44 grams per ton (13.865 opt) gold, and to 135.6 g/t Ag over a 35 cm width plus significant copper, lead and zinc.

Geochemical soil sampling of the mineral zones during 1995 has produced a number of composite element anomalies, several of which indicate extensions of the No. 3, 5 and 6 veins. Two anomalies north of the exposed veins indicate somewhat less extensive unknown systems. One major soil anomaly located south of No. 6 vein suggests a new mineralized system over a length of at least 200 meters. Results of the combined magnetometer and VLF-EM surveys show a good to strong correlation with the geology and the geochemical anomalies and provide a strong incentive for continued work.

The excellent results from the 1995 exploration have indicated higher vein grades than previously reported and outlined significant new anomalies. Relatively good access, moderate topography, and weather together suggest that further work on the property is warranted.

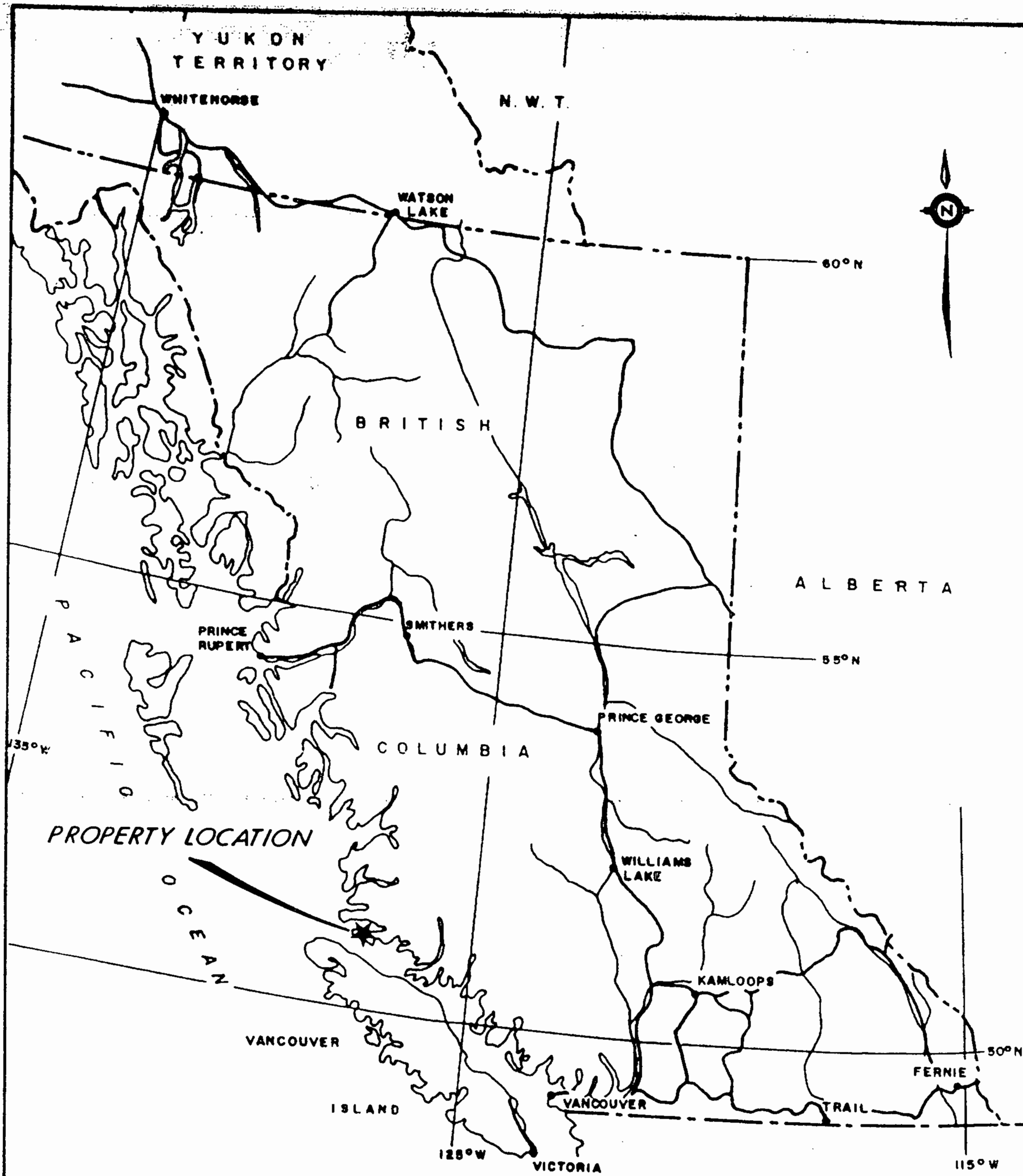
The proposed 1996 mineral exploration Phase 1 program for the NUGGET QUEEN property is estimated at about $150,000.

INTRODUCTION

The NUGGET and adjacent QUEEN staked mineral claims comprising a total of 24 units are located on the British Columbia mainland seacoast 35 km northeast of Port Hardy. The property can be accessed by boat, float plane, and helicopter from Port Hardy and Port McNeill on Vancouver Island. Six gold quartz veins discovered in 1938 have been trenched over a total length of about 305 meters and sampled. Veins 2, 3 4 and 5 in the West Showings area are mainly massive to breccia-type milky quartz with occasional to concentrated sulfide content. No. 3 vein has an exposed length of 30 meters, with an irregular width up to 1.5 meters. Sample results have been variable with values of up to 475.44 g/t Au and 135.6 g/t Ag plus minor copper, lead and zinc. No. 4 vein which was sampled in detail in 1938 at 1.5 meters intervals over a length of 76 meters assayed a weighted average 5.69 g/t Au over 0.7 meters at that time. The 1995 sampling of No. 4 vein returned an uncut average 22.31 g/t Au, 30.4 g/t Ag, 371 ppm Cu, 3,374 ppm Pb, and 494 ppm Zn over a 49 cm width. No. 5 vein which has been partly exposed over a length of 40 meters with a width of about one meter has been partly sampled yielding relatively low values up to a high 1.3 g/t Au.

No. 6 vein, also known as the Main Showing has been partly mined to produce a total of 609 tonnes from which 20,869 grams Au, 44,758 g Ag, 3,669 kg Cu, 10,188 kg Pb, and 234 kg Zn were recovered at the Tacoma smelter. No mineral reserves have been calculated for the vein systems because of the lack of depth and grade information except for No. 6 vein which was mined to a depth of 5 meters only below the surface.

The gold quartz veins on this property are localized within Wrangellian meta-sedimentary and volcanic rocks which form part of a roof pendant within



NTS 92L/14E - 92M/3E

SOLAIA VENTURES INC.			
NUGGET QUEEN PROPERTY SEYMOUR INLET AREA VANCOUVER, M.D. GENERAL LOCATION MAP			
Project No.	526	By:	F.Y.
Scale:	1 : 8 000 000	Drawn:	J. S.
Drawing No.	1	Date:	November 1995.
Ashworth Explorations Limited			

FIGURE 1

extensive Jura - Lower Cretaceous granitoids. Thick forest cover has hindered extensive detailed geological, geochemical and geophysical coverage on the property. Trenching has been the general method of testing mineralization and geophysical anomalies.

Geochemical soil surveys were first implemented on the mineral zones in 1995 with good results. Composite element anomalies outlined the known gold quartz veins and suggest extensions. These composite anomalies have outlined at least three new areas to investigate. Two of these lie north of veins 5 and 6 and a major anomalous zone with a length of at least 200 meters has been outlined about 90 meters south of, and parallel to the Main Showing.

Results from the 1995 geophysical surveys which covered the full grid area have shown the strong correlation between mineralized veins and the geochemical soil survey. The continuity of the VLF-EM conductors on both sides of the base line, particularly between L1+00W and L2+80W (the gap) provides good support for future work in this area and both east and west.

This report has been written for Solaia Ventures Inc. based upon review of the available data and the writer's examination of the vein systems on December 29, 1995. The writer has worked on Vancouver Island and mainland British Columbia geological mapping, exploration and mining projects since 1963.

LOCATION AND TOPOGRAPHY

The NUGGET and QUEEN mineral claims are located at about latitude 50°59'North and longitude 127°13' West on the British Columbia mainland on NTS maps 92L/14E, and 92M/03E. The property is about 35 kilometers northeast of Port Hardy and covers part of the peninsula lying between McKinnon and Nenahlmai lagoons which are part of a southeasterly arm of Seymour Inlet (Figure 1).

The claim area lies within part of the Hecate Lowland, a geomorphic division dominated by low lying, knobby hills and ridges, numerous small lakes, and connected to Queen Charlotte Strait by narrow fiords.

The highest point on the claim area is on a small rounded hill at 369

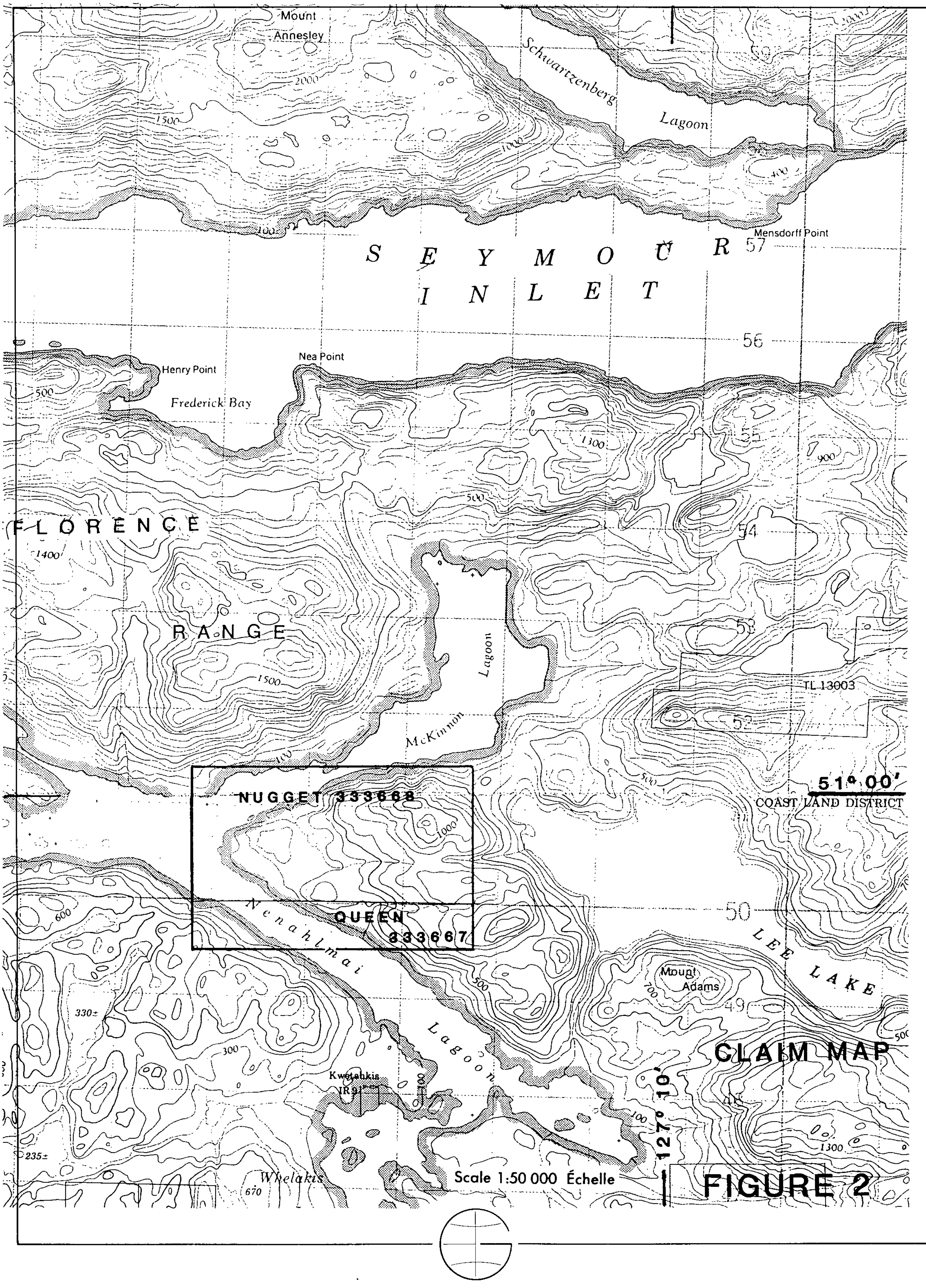

Mount
Annesley
Schwartzenberg
Lagoon
Mensdorff Point
SEYMOUR
INLET
Nea Point
Henry Point
Frederick Bay
FLORENCE
RANGE
Lagoon
McKinnon
TL 13003
51° 00'
COAST LAND DISTRICT
NUGGET 333668
QUEEN
333667
Nenahlmai
Lagoon
LEE LAKE
Mount
Adams
CLAIM MAP
Kwetahkis
Whelakis
127° 10'
Scale 1:50 000 Échelle

FIGURE 2

meters. The hill appears to mark a sharp transition from the Lowland to the higher Fiord Ranges. The area has good centripetal drainage, but also contains coastal muskeg in the local depressions.

The claims and adjacent areas are thickly covered by typical dead-top cedar forest which includes western hemlock, balsam and douglas fir, and cypress. The dense undergrowth comprises young conifers, salal, ferns and deadfall. Precipitation is typical of this temperate coastal climate meaning significant rainfall, and occasional snow. At this elevation field work is feasible most of the year.

ACCESS

The NUGGET-QUEEN claims can be reached by boat, float plane and helicopter from Port Hardy and Port McNeill. The best helicopter landing on the property is at the small, swampy pond in the center of the NUGGET claim where a temporary camp was erected in 1995.

Early workers on the mineral deposits reached the area by boat and constructed a 1.5 kilometer long corduroy road from the beach to the No. 6 vein workings. It is about 890 meters from the pond/camp via good trail and road to the No. 6 vein and the intersect with the 1995 base line.

PROPERTY

The current mineral property includes two staked metric mineral claims located in the Vancouver Mining Division (Figure 2).

Name	Units	Tenure No.	Record Date	Expiry Date
QUEEN	6	333667	January 30, 1995	January 30, 1997
NUGGET	18	333668	January 30, 1995	January 30, 1997

The two claims are currently owned by David A. Heyman of Burnaby, B.C.

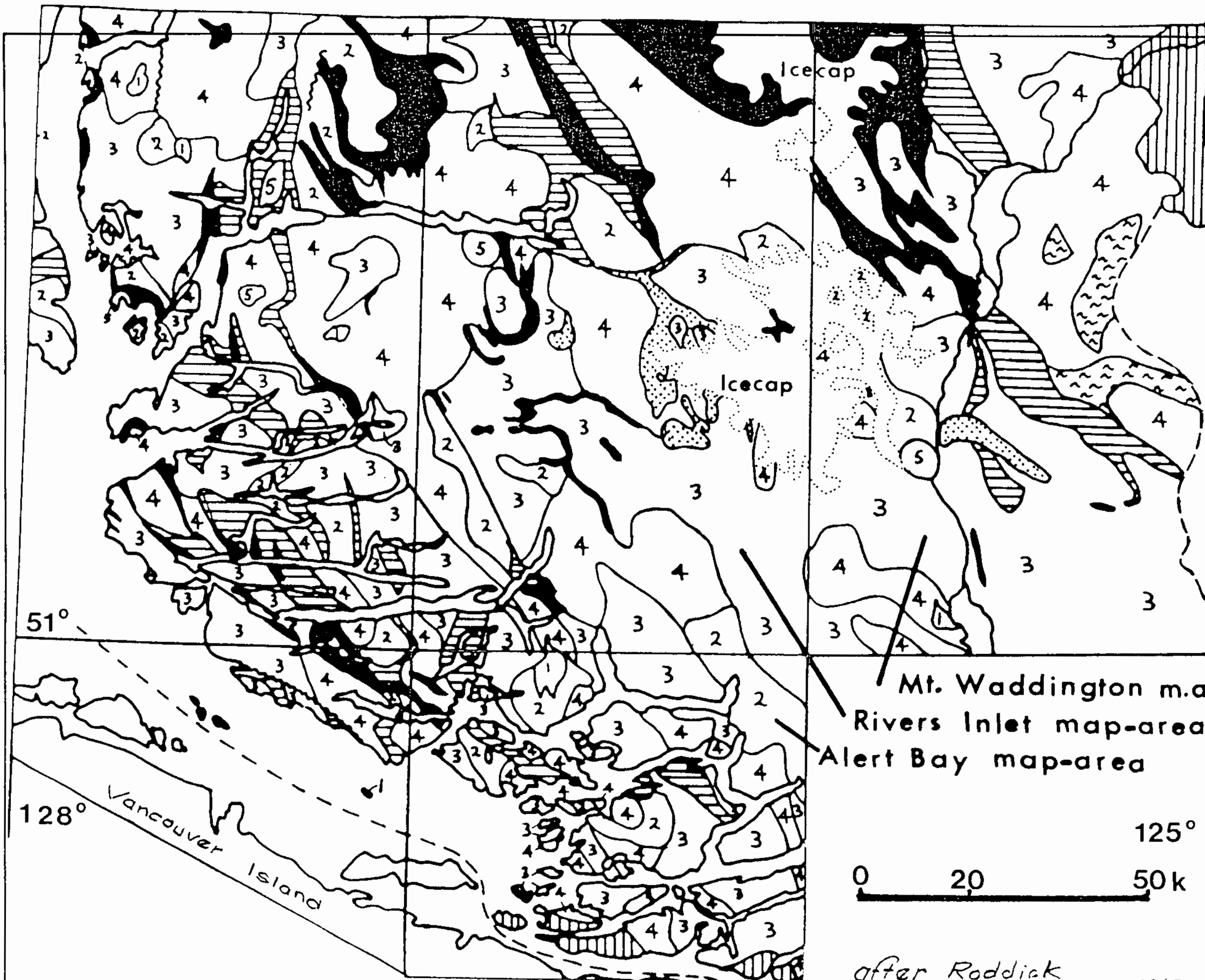
PROPERTY HISTORY

In 1938 thirty two-post claims were staked on the south side of McKinnon Lagoon covering ground currently known as the NUGGET-QUEEN property. Work completed by The Mining Company of Canada Ltd. included stripping (trenching) more than 1,000 feet along seven quartz veins, vein sampling, some diamond drilling and a preliminary geological map of the area. An anonymous report with figures describing this work is held in the B.C. Energy, Mines & Petroleum Resources property file but the work was never recorded and the claims were abandoned.

In 1939 the DUD claim was staked by R. Dudley Smith and optioned to Greta B. McCorkell. The property was restaked as the SILTA and during the period 1940 to 1941 674 tons of ore from No. 6 vein were shipped to the Tacoma smelter by R.C. McCorkell. It was at this time that the 1.5 km long corduroy road was built to the workings. The vein was mined by underhand stoping leaving a surface pit about 15 meters long, at least 5 meters deep with an average width of about 2 meters, supported by timber stulls. In 1943 the claims were purchased by Greta B. McCorkell and optioned to H.T. Jefferies in 1947. A further 6 tons were mined and shipped in 1949.

No significant work was recorded on the property during the 1960's. In 1973 the veins were restaked as the QC 1 to 40 with No. 6 vein located on the QC 3. Work included an EM survey on a 200 by 400 foot grid on the QC 1 to 4 claims. The property was again restaked as the Whelakis Group in 1979 for Frank Beban Logging Ltd., and a preliminary reconnaissance including some sampling was made by Nevin Sadlier-Brown Goodbrand Ltd. (NSBG). In 1980 NSBG and Premier Geophysics conducted geological mapping, rock sampling, and a magnetometer, VLF-EM survey which covered 3.4 kilometers on the WHELAKIS, and MINE 1 and 2 claims. In 1983 five short Winke holes totalling 156.8 meters were drilled above and just west of the No. 6 vein stope without conclusive results (locations and logs not available). In 1990 the property reverted to the Crown.

In 1990 the property was staked as the CHERRY 1 to 4 claims and recorded by the current owner David A. Heyman. NSBG carried out a review of the geological and geophysical data on the claim group in 1994, essentially a revision of the 1980 NSBG report. In the report the Nos. 3, 4 and 5 veins were



after, Roddick & Hutchinson, 1968

LEGEND

STRATIFIED ROCKS

QUATERNARY AND OLDER(?)

- Dacitic and basaltic flows, tuffs, and breccias

MESOZOIC

- Sedimentary and volcanic rocks

CRETACEOUS AND OLDER

- Schists, gneiss, quartzite; crystalline limestone and volcanic rocks

MESOZOIC AND PALAEOZOIC(?)

- Granitoid gneiss
- Migmatite

PLUTONIC ROCKS

- 5 Mainly quartz monzonite
- 4 Mainly granodiorite
- 3 Mainly quartz diorite
- 2 Mainly diorite
- 1 Gabbro and diorite

- limits of icefield
- geological contact
- limit of mapping
- fault

GENERAL GEOLOGY

SW COAST BRITISH COLUMBIA

FIGURE 3

referred to as the West Showing and No. 6 vein as the Main Showing. Geological and geophysical surveys were reviewed and the authors suggested that work on the property had shown that gold quartz mineralization of sufficient tenor to be economic was present in the vein system. A geochemical survey of the entire sedimentary terrain was recommended and dependant upon this and trenching results, drilling would be justified. Details of the 1980 work will be included in following sections.

1995 WORK PROGRAM

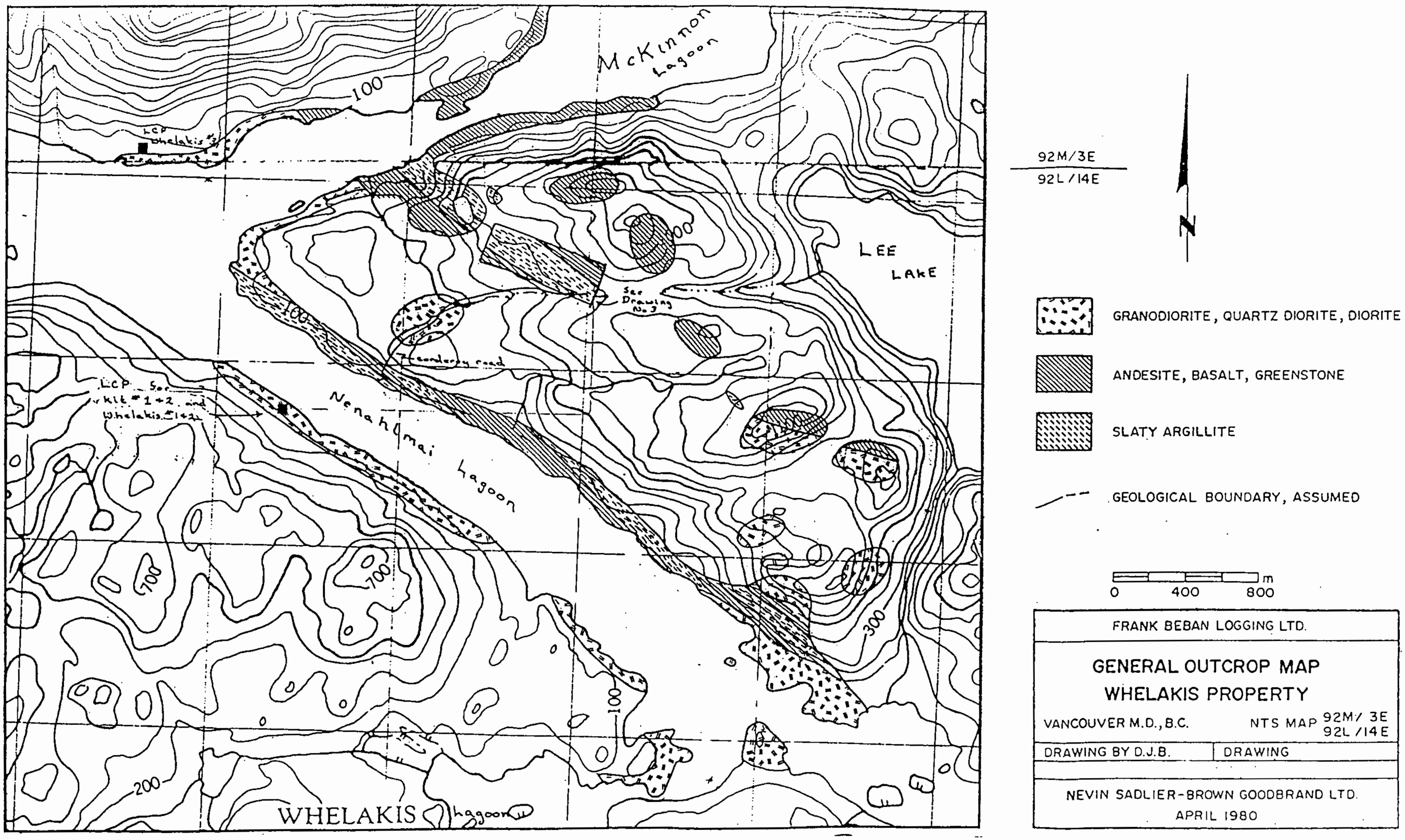
Exploration work on the NUGGET-QUEEN property was undertaken in 1995 by Ashworth Explorations Ltd. for the optionee, Solaia Ventures Inc. Fieldwork which included erection of a tent frame camp, cutting a trail to the old corduroy road, cutting a new baseline and cross lines, stream silt sampling, soil sampling, vein sampling and a geophysical survey. This work was completed during the period October 26 to November 13, 1995, at a cost of about $150,000, including transportation, materials, analyses and other expenses. Details will be included in the following sections of this report.

GENERAL GEOLOGY

The NUGGET-QUEEN property lies within one of the least studied areas on British Columbia's mainland coast. The first reconnaissance geological studies of the mainland and coastal islands were undertaken by James Richardson in 1874, followed by G.M. Dawson in 1876 and J.F. Whiteaves in 1878. A somewhat more detailed study from Vancouver to Dean Channel was started by O.E. Leroy in 1908, then continued by V. Dolmage as far as Stewart where he reported on the area's mineral deposits.

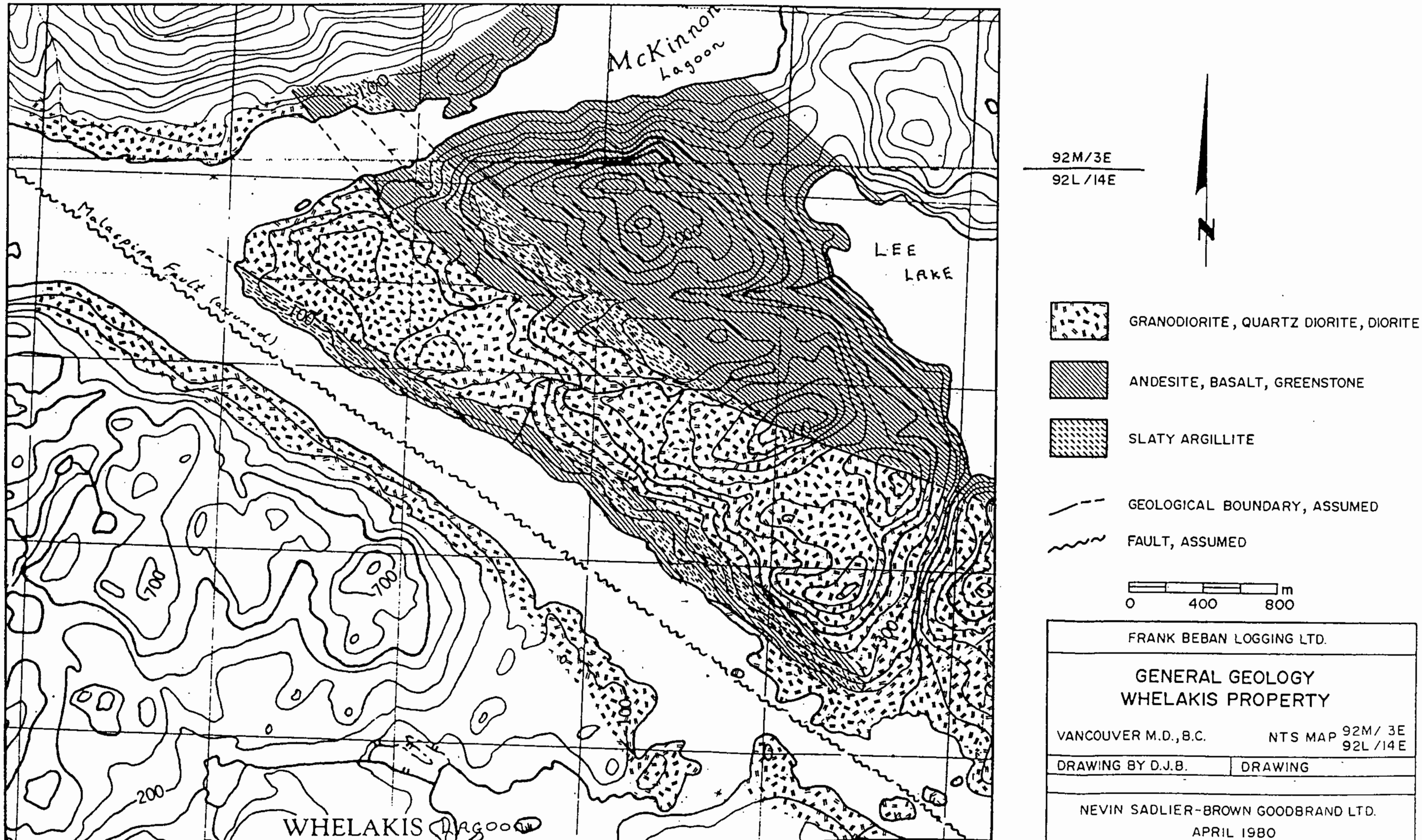
The central British Columbia sea coast did not receive real attention until 1964 when Geological Survey of Canada project "Coast Mountains" was initiated. Results of this general study were published in 1968 (Figure 3). A variety of regional maps and studies have since been published but few are at the scale useful to detailed mineral exploration.

Tectonically, rocks in the coastal Cape Scott, Alert Bay, and Rivers Inlet map areas are generally included in what is termed the Insular Superterrane



McKinnon Lagoon
100
LEE LAKE
See Drawing No. 3
Nenahlmai Lagoon
700
200
300
WHELAKIS Lagoon
92M/3E
92L/14E
N
GRANODIORITE, QUARTZ DIORITE, DIORITE
ANDESITE, BASALT, GREENSTONE
SLATY ARGILLITE
GEOLOGICAL BOUNDARY, ASSUMED
0 400 800 m
FRANK BEBAN LOGGING LTD.
GENERAL OUTCROP MAP
WHELAKIS PROPERTY
VANCOUVER M.D., B.C.
NTS MAP 92M/ 3E 92L /14E
DRAWING BY D.J.B.
DRAWING
NEVIN SADLIER-BROWN GOODBRAND LTD.
APRIL 1980

FIGURE 4


McKinnon Lagoon
LEE LAKE
Malaspina Fault (assumed)
WHELAKIS LAGOON
100
700
700
200
300
92M/3E
92L/14E
N
GRANODIORITE, QUARTZ DIORITE, DIORITE
ANDESITE, BASALT, GREENSTONE
SLATY ARGILLITE
GEOLOGICAL BOUNDARY, ASSUMED
FAULT, ASSUMED
m
0 400 800
FRANK BEBAN LOGGING LTD.
GENERAL GEOLOGY
WHELAKIS PROPERTY
VANCOUVER M.D., B.C.
NTS MAP 92M/ 3E 92L /14E
DRAWING BY D.J.B.
DRAWING
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APRIL 1980

FIGURE 5

which also includes Vancouver Island. The country rocks of the island as well as the adjacent coastal roof pendants include a variety of volcanic, sedimentary, and metamorphic units of mainly Mesozoic age called Wrangellia Terrane which impinges easterly against the Coast Plutonic Complex. Correlation of pendant type rocks in the central seacoast area has been mainly impossible because of isolation, and the overall degree of alteration and deformation.

A review of the generally available geological studies of the cental seacoast shows a scattering of relatively small thin to irregular, generally northwest trending country rock pendants lying within a matrix of intrusive rock. These plutonic rocks which comprise about 75 percent of the area are dominated by quartz diorite, tonalite and diorite. They are mainly Jurassic - Early Cretaceous in age and along with plutons of the Island Intrusions probably represent outliers of the main Coast Plutonic Complex separated by a thin veneer of Wrangellian crust (Friedman et al., 1995). Other recent studies suggest that the central seacoast plutons are mainly Early Cretaceous but that rock age dates are still deficient between latitudes 51° N and 53° N (Monger and Journeay, 1994). In view of the general range of age dates on the plutons it seems likely that the pendant country rocks are remnants of volcanic arc assemblages which were as old as Late Triassic but also partly coeval with the Jurassic - Early Cretaceous magmatic systems. At this time exploration geology maps provide the most detailed information.

LOCAL GEOLOGY

The first geological map of the Lee Lake peninsula and adjacent shorelines was produced by The Mining Company of Canada (1 inch = 500 feet) as part of the Bobmac Mine exploration program. This work showed a northwest trending volcanic-sedimentary sequence at least 4,000 feet "thick" bounded at the west by massive granodiorite and cut by a parallel 1,000 to 1,500 foot wide granodiorite zone near the northwest shore. The quartz veins under investigation were mainly located within the main volcanic-sediment sequence, but one vein was tested in granodiorite south of Lee Lake.

In 1980 the geology of this area was considerably refined as part of a study of the gold quartz vein systems. The outcrop map (Figure 4) and the geology map (Figure 5) compiled by NSBG are included here as being the best information available. With the exception of new trench and thin section work the

1995 program concentrated on the mineralization.

The following geological description has been excerpted from the NSBG reports (1980, 1994):

"Lithology

The Cherry Claims are underlain in the north by a sequence of metavolcanic and sedimentary rocks which form a roof pendant in a granodiorite intrusive which is exposed in the southern part of the property near Nenahlmai Lagoon....

The metavolcanic rocks range in composition from basalt to andesite and locally form greenstones. Along Nenahlmai Lagoon they consist of light greenish brown andesite with some remnant pillow structures. A siliceous tuff marks the contact with the adjacent metasedimentary rocks. Exposures on the shore of McKinnon Lagoon consist mainly of massive greenstone but with some intervals of strong foliation.

The metasedimentary rocks are comprised of dark grey slaty argillites which exhibit local silicification. North of the contact with the intrusive rocks in the central part of the claim group the argillite contains interbeds of altered tuff which weather a light buff colour.

The intrusive rocks in the southern part of the property range in composition from strongly foliated granodiorite to fine grained diorite. Gabbroic plugs locally cut both the pendant and intrusive rocks.

The rocks throughout the property area are cut be many small widely scattered quartz veins. The slaty argillite unit in the northern part of the claim group is also cut by large continuous quartz veins up to 2 m wide.

Structure

The claims lie immediately east of the Malaspina Fault which passes through Nenahlmai Lagoon on a bearing of 305°. This orientation is reflected in the general trend of the local structural elements including the major geological boundaries on the property.

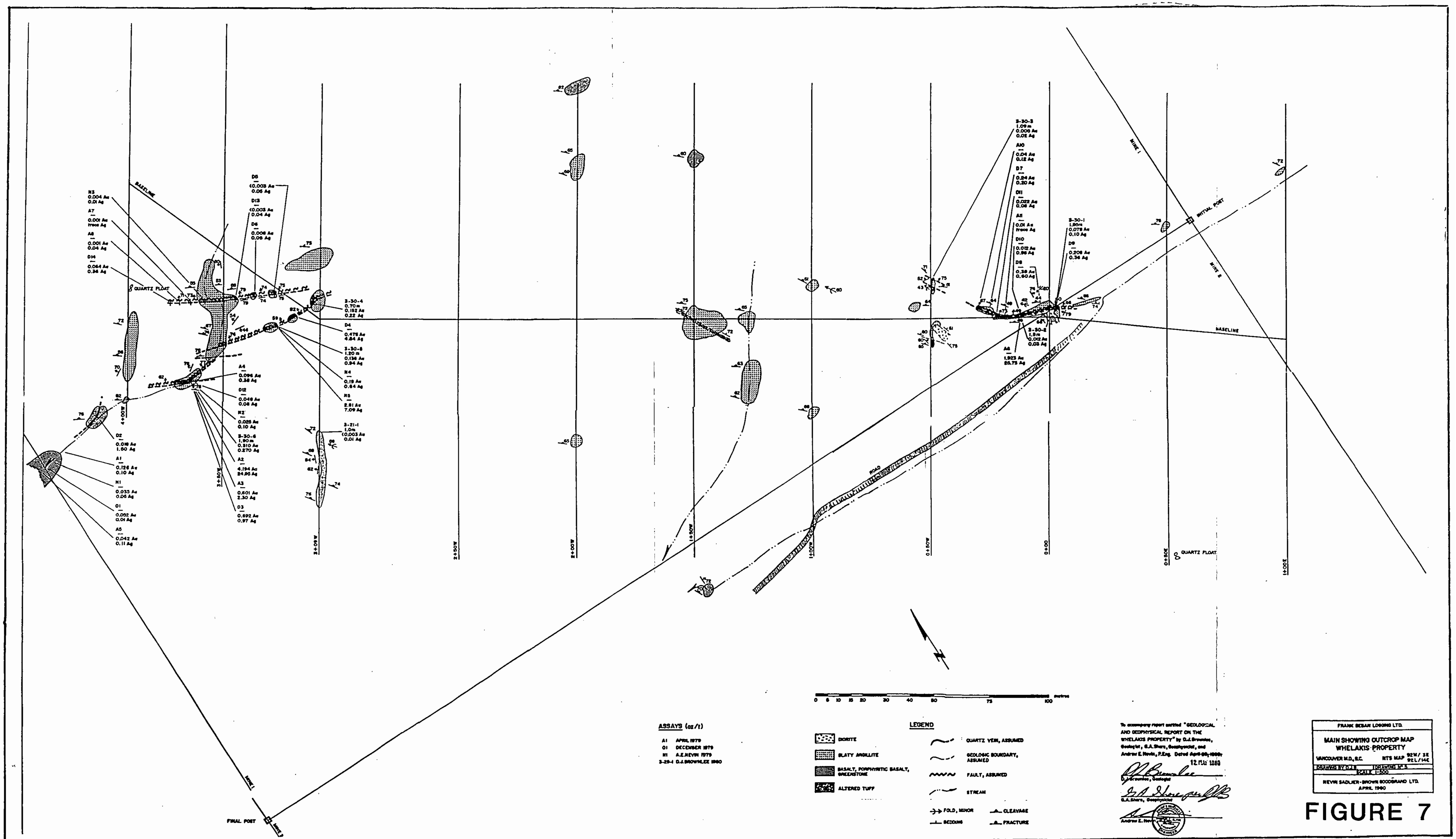
A set of faults striking at about 291° and dipping north at about 74° parallel the major quartz vein system within the slaty argillite unit.

Three sets of fractures are reported (Nevin et al, 1980) to occur in the showing areas. Their attitudes are 233° 73° W; 357° 65° E; 281° 53° N.

Main Showing

The main showing is situated at Station 0+00 on the Base Line at the end of the old corduroy road which leads about 1.5 km east-northeasterly from the north shore of Nenahlmai Lagoon. The showing consists of a mineralized quartz vein or vein system hosted by slaty argillite. It has been excavated to a depth of 5 m in a 15 m long pit.

The host argillite unit is bounded to the south by massive greenstone, to the north by fine grained grey porphyritic basalt containing 1-2 mm plagioclase phenocrysts. Within



BASELINE
MINE 1
MINE 2
INITIAL POST
FINAL POST
QUARTZ FLOAT
ROAD
ASSAYS (oz/t)
A1 APRIL 1979
O1 DECEMBER 1979
N1 A.E.NEVIN 1979
3-29-1 D.J.BROWNLEE 1980
LEGEND
DIORITE
SLATY ARGILLITE
BASALT, PORPHYRITIC BASALT, GREENSTONE
ALTERED TUFF
QUARTZ VEIN, ASSUMED
GEOLOGIC BOUNDARY, ASSUMED
FAULT, ASSUMED
STREAM
FOLD, MINOR
BEDDING
CLEAVAGE
FRACTURE
metres
To accompany report entitled "GEOLOGICAL AND GEOPHYSICAL REPORT ON THE WHELAKIS PROPERTY" by D.J.Brownlee, Geologist, G.A.Shore, Geophysicist, and Andrew E.Nevin, P.Eng. Dated 12 MAY 1980
D.J.Brownlee, Geologist
G.A.Shore, Geophysicist
Andrew E. Nevin
FRANK BEBAN LOGGING LTD.
MAIN SHOWING OUTCROP MAP
WHELAKIS PROPERTY
VANCOUVER M.D., B.C.
NTS MAP 92M/3E 92L/14E
DRAWING No. 5
SCALE 1:500
NEVIN SADLIER-BROWN GOODBRAND LTD.
APRIL 1980

FIGURE 7

> the argillite unit are at least two interbeds of altered tuff. One of these is exposed at 1+50W at Station 0+15S.
>
> The tuff interbeds are siliceous, approximately 2 m thick and weather a light buff colour. At 0+50W, 0+02S the argillite unit is cut by a small 1m x 3m plug of dark grey-green diorite containing crystals of plagioclase 3-4 mm across.
>
> The quartz vein continues both east and west of the "Main Showing Pit". To the east it is 2 m wide with a 2 cm gouge seam on the hanging wall. The vein disappears beneath overburden 3 m east of the pit."

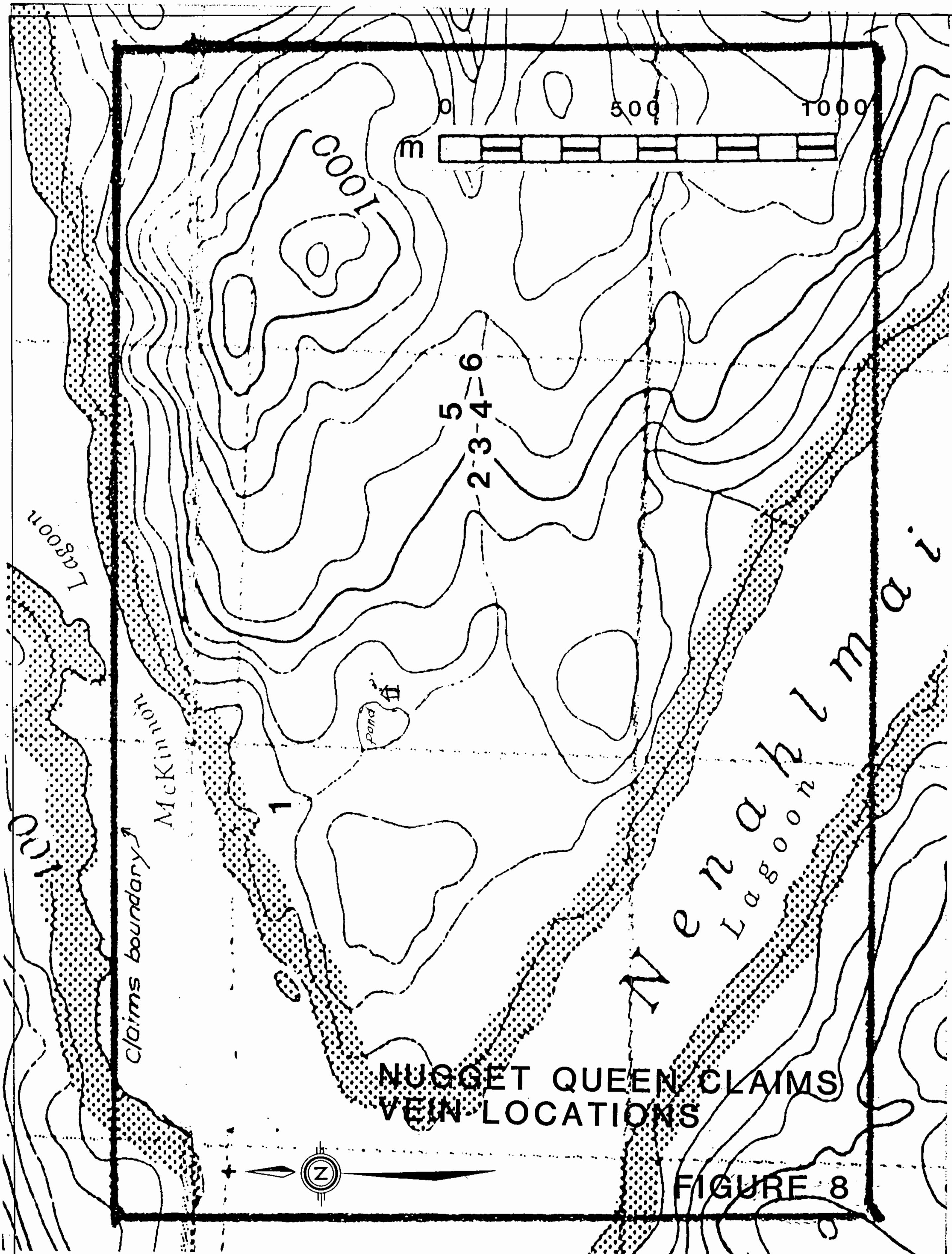
Trenches cut in country rock in the 1995 program to test possible vein extensions in the West and western Main Showings areas disclosed mainly weathered, thinly color banded argillite marked by tight folding and foliation with prominent kink banding (Figure 6). These rocks are the slaty argillite of previous workers but appear to be generally intercalated with finely banded dark brown chlorite schist. One thin section of typical color banded slaty argillite (H6) is seen to be a very fine grained, well foliated chlorite schist marked by micro-kink banding and scattered brown biotite (Appendix I). Fine grained quartz, magnetite, pyrite and calcite are ubiquitous in this rock. One sample of volcanic rock type from the West showings area shows a massive fine grained greenish aspect in hand specimen, while in thin section comprises mainly secondary quartz, calcite, and sericite with rare remnant plagioclase. This material is assumed to represent a metasomatized volcanic rock. The 1980 NSBG geology map also showed two small dike-like bodies of granodiorite near the Main Showing (vein No. 6) but these exposures were obscured in 1995 (Figure 7). Considerable time and effort would now be required to refine the geology of the gold quartz showings area.

MINERALIZATION

Known mineralization in this part of the British Columbia seacoast is limited to the gold quartz vein systems currently covered by the NUGGET and QUEEN mineral claims.

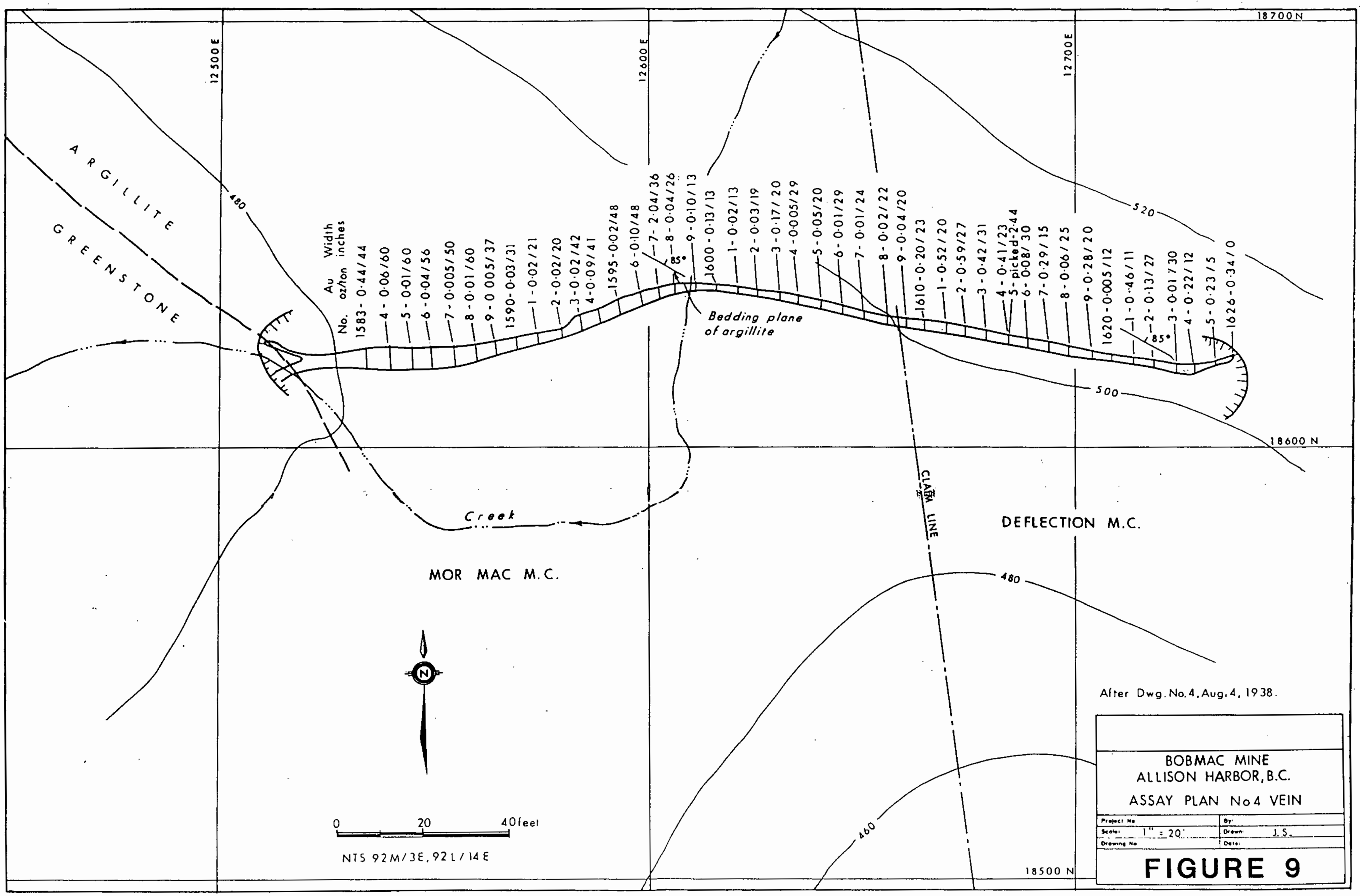
PROPERTY MINERALIZATION

Mineral deposits on the NUGGET and QUEEN claims include six known gold quartz veins localized along shear systems in the slaty argillite and partly in altered volcanic. Seven veins were originally located by The Mining Company of Canada, one of which, the No. 7, was found in the creek flowing



NUGGET QUEEN CLAIMS
VEIN LOCATIONS

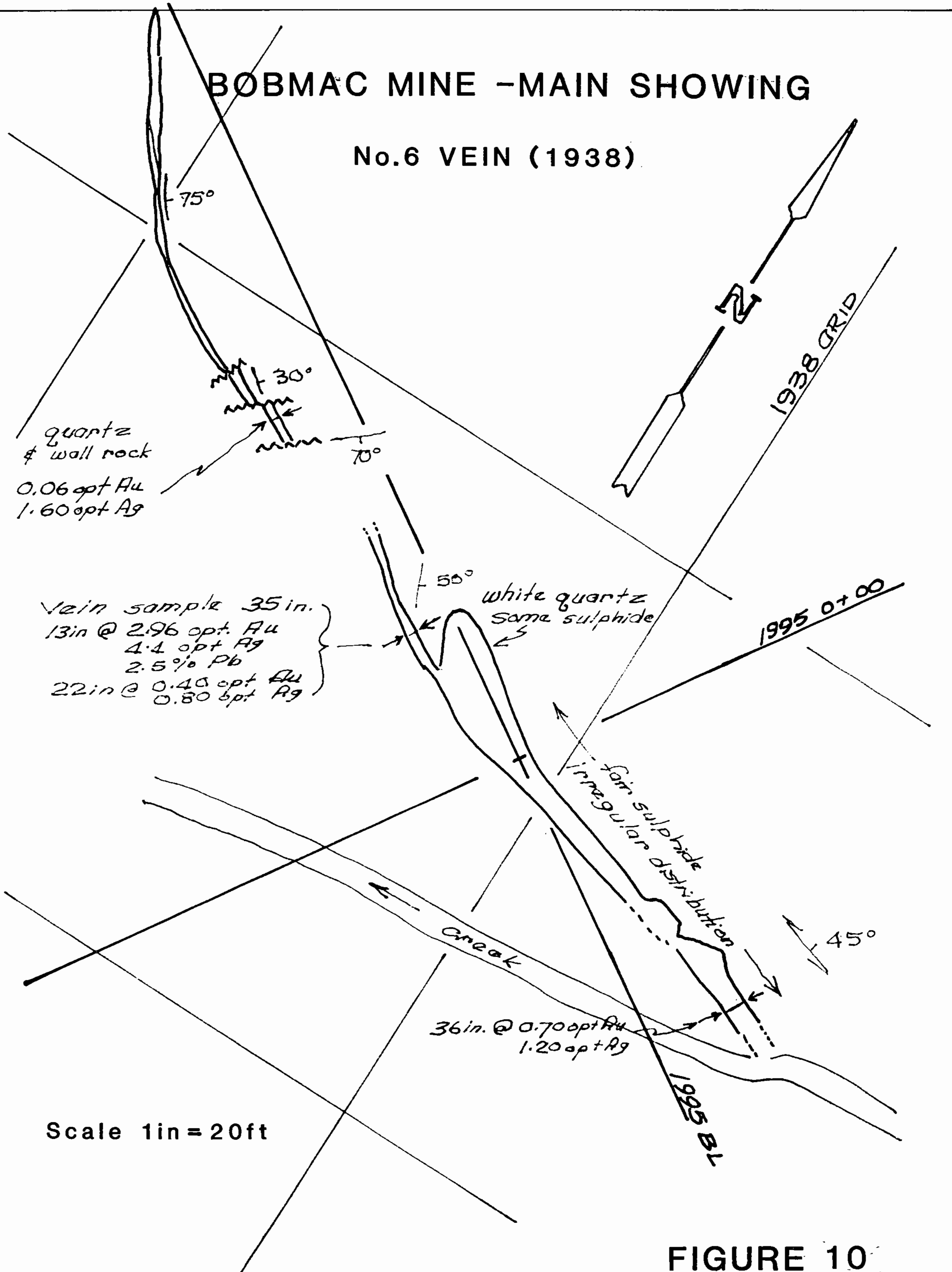
FIGURE 8



18700 N
12500 E
12600 E
12700 E
ARGILLITE
GREENSTONE
480
520
500
480
460
No. Au oz/ton Width inches
1583 - 0·44/44
4 - 0·06/60
5 - 0·01/60
6 - 0·04/56
7 - 0·005/50
8 - 0·01/60
9 - 0 005/37
1590 - 0·03/31
1 - 0·02/21
2 - 0·02/20
3 - 0·02/42
4 - 0·09/41
1595 - 0·02/48
6 - 0·10/48
7 - 2·04/36
8 - 0·04/26
9 - 0·10/13
1600 - 0·13/13
1 - 0·02/13
2 - 0·03/19
3 - 0·17/20
4 - 0·005/29
5 - 0·05/20
6 - 0·01/29
7 - 0·01/24
8 - 0·02/22
9 - 0·04/20
1610 - 0·20/23
1 - 0·52/20
2 - 0·59/27
3 - 0·42/31
4 - 0·41/23
5 - picked - 2·44
6 - 0·08/30
7 - 0·29/15
8 - 0·06/25
9 - 0·28/20
1620 - 0·005/12
1 - 0·46/11
2 - 0·13/27
3 - 0·01/30
4 - 0·22/12
5 - 0·23/5
1626 - 0·34/0
85°
85°
Bedding plane of argillite
Creek
18600 N
CLAIM LINE
DEFLECTION M.C.
MOR MAC M.C.
N
0 20 40 feet
NTS 92M/3E, 92L/14E
After Dwg. No. 4, Aug. 4, 1938.
18500 N
BOBMAC MINE
ALLISON HARBOR, B.C.
ASSAY PLAN No 4 VEIN
Project No
Scale: 1" = 20'
Drawing No
By:
Drawn: J. S.
Date:
FIGURE 9

BOBMAC MINE -MAIN SHOWING

No.6 VEIN (1938)



Scale 1in = 20ft

FIGURE 10

south from Lee Lake hosted in granodiorite and received little attention. No. 1 vein located north of the pond also received minor attention. Locations of veins Nos. 1 through 6 are shown on Figure 8, which also shows the limits of the current NUGGET-QUEEN property. About 1,000 feet of trenching on the veins was completed on the Bobmac Mine property and the veins Nos. 3 to 6 were mapped and sampled. The 1938 report indicated that No. 3 vein was exposed over a length of 100 feet and varied from 4 to 20 inches wide; No. 4 vein was exposed over a continuous 250 feet with widths varying from a few inches to 5 feet. This vein was sampled in detail at 1.5 meter intervals and is shown here as Figure 9. The calculated weighted width and grade of 43 samples from this vein has been noted as 5.69 grams per tonne over an average width of 0.7 meters (EMR PF 92L 178). Sample results over a length of 65 meters ranged from 0.005 opt Au, to 2.44 opt Au (69.95 grams per tonne) over 0.9 meters. The No. 4 vein is described as milky quartz with an irregular sulfide content which includes chalcopyrite, bornite, galena, sphalerite, pyrite, pyrrhotite and magnetite as well as angular wall rock fragments lying within a west-northwesterly trending, steeply dipping shear.

No. 5 vein which was also exposed by trenching over a length of 250 feet is somewhat higher in elevation than No. 4 and lies along an intersecting 1 to 6 foot wide northwesterly shear. The No. 5 vein system includes milky quartz as lenses and stringers with minor sulfides. Bobmac did not record assays for this vein.

The No. 6 vein, generally described as the Main Showing, was also exposed by trenching but was not sampled in detailed by Bobmac. The vein outlines and assays are included here as Figure 10. It is described as having a length of 95 feet with an irregular width of from 20 inches to 5.5 feet, comprising mainly quartz, some wall rock fragments and a sulfide content varying from weak to heavy. The sulfide minerals included mainly galena, sphalerite, pyrrhotite and chalcopyrite. As shown in Figure 9, one vein sample (13 inches plus 22 inches) averaged 1.313 opt Au, 2.08 opt Ag, plus significant lead. The claims were later dropped in 1938.

During the period 1940 to 1941 No. 6 vein was stoped by underhand methods by the new owner (SILTA claims). Recorded lode-metal production records indicate that in this period a total of 666 tons of ore were shipped to the Tacoma smelter, and a further 6 ton shipment from the DUD claim in 1949

(MMAR):

Ore Shipped	Metals Recovered				
	Gold oz	Silver oz	Copper lbs	Lead lbs	Zinc lbs
SILTA 1940-41 666 tons	668	1,384	3,870	21,488	----
DUD 1949 6 tons	3	55	----	973	516
Total 672 tons	671	1,439	3,870	22,461	516

Production recorded from the No. 6 vein in the EMR PF 92L 14 differs only very slightly from the above.

The cessation of production from No. 6 vein in 1941 was probably as a result of World War II restrictions which closed non-strategic mines and made men, material, and other supplies generally unavailable. The small shipment from the vein in 1949 was likely taken from broken material remaining in the old stockpile.

1980 Sampling Results

The layout of the vein systems on the Cherry claim group (now NUGGET and QUEEN claims, was compiled by NSBG on Figure 7 (this report) along with assay results as follows:

MAIN SHOWING **(No. 6 Vein)**

Sample Number	Au (oz/T)	Ag (oz/T)	Width (m)
3-30-1	0.078	0.10	1.95
D9	0.208	0.36	-
D 8	0.380	0.60	-
D 10	0.012	0.98	-
3-30-2	0.12	0.30	1.5

Sample Number	Au (oz/T)	Ag (oz/T)	Width (m)
A 6	1.923	25.75	-
A 11	0.01	tr	-
D 11	0.022	0.08	-
D 7	0.24	0.20	-
A 10	0.04	0.12	-
3-30-3	0.005	0.02	1.09

WEST SHOWINGS

North Vein (No. 5 Vein

Sample Number	Au (oz/T)	Ag (oz/T)	Width (m)
D 5	<0.003	0.05	-
D 6	0.008	0.05	-
D 13	0.003	0.04	-
N 3	0.004	0.01	-
A 7	0.001	tr	-
A 8	0.001	0.04	-
D 14	0.064	0.36	-

Center Vein (No. 4 Vein

Sample Number	Au (oz/T)	Ag (oz/T)	Width (m)
3-30-4	0.152	0.22	0.7
D 4	0.476	4.64	-
3-30-5	0.138	0.94	1.2
N 4	0.19	0.64	-
N 5	2.81	7.09	-

South Vein (No. 3 Vein)

A 4	0.096	0.38	-
D 12	0.048	0.08	-
N 2	0.025	0.10	-
3-30-6	0.31	0.27	1.9
A 2	4.194	24.95	-
A 3	0.601	2.30	-
D 3	0.692	0.97	-

West Vein (No. 2 Vein)

D 2	0.018	1.50	-

Occurrences in Volcanic Terrain west of West Vein

A 1	0.126	0.10	-
N 1	0.035	0.05	-
D 1	0.052	0.01	-
A 5	0.042	0.11	-

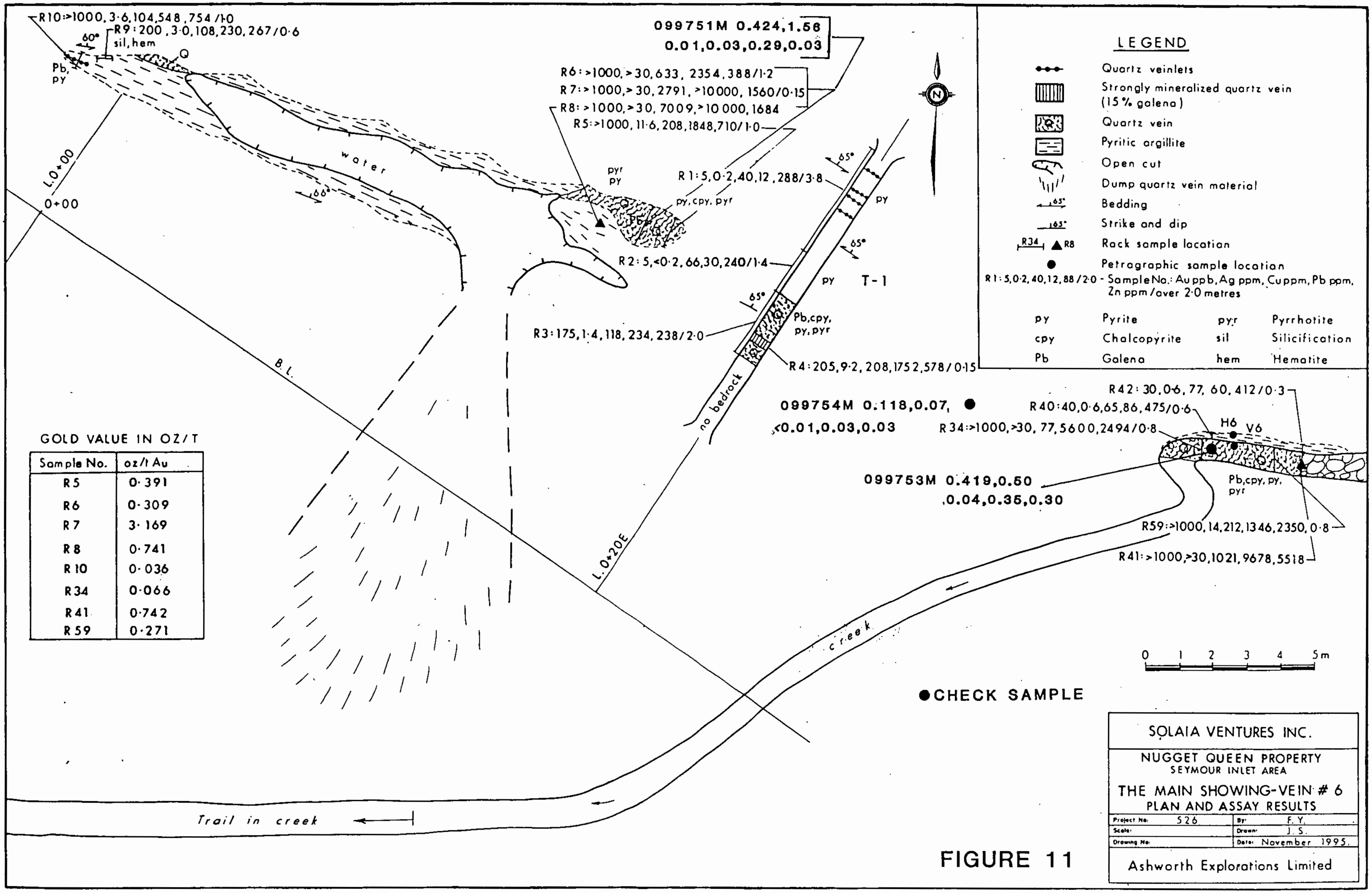
Occurrence in Volcanic Terrain south of the West Showing Area

3-21-1	<0.003	0.01	1.0

The preceding summary vein analyses had not been used to calculate average grades because of the lack of vein sample widths and the irregular sample spacing. These samples do show the variability of the gold and silver values within the quartz vein systems. Vein No. 3 which was disregarded by Bobmac Mines showed values up to 4.194 opt Au, and 24.95 opt Ag. Vein No. 4, sampled in detail by Bobmac Mines yielded one assay of 2.44 opt Au near the east end of the vein. The NSBG sample record shows an assay of 2.81 opt Au near the west end of the vein indicating the irregular concentration of metal values in the vein system.

1995 Sampling Results

Part of the 1995 field program on the NUGGET-QUEEN property included sampling the No. 3, 4, 5, and 6 veins as well as seven new trenches to test possible vein extensions.



GOLD VALUE IN OZ/T

Sample No.	oz/t Au
R5	0·391
R6	0·309
R7	3·169
R8	0·741
R10	0·036
R34	0·066
R41	0·742
R59	0·271

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NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA

THE MAIN SHOWING-VEIN # 6
PLAN AND ASSAY RESULTS

Project No.	526	By:	F.Y.
Scale:		Drawn:	J.S.
Drawing No:		Date:	November 1995.

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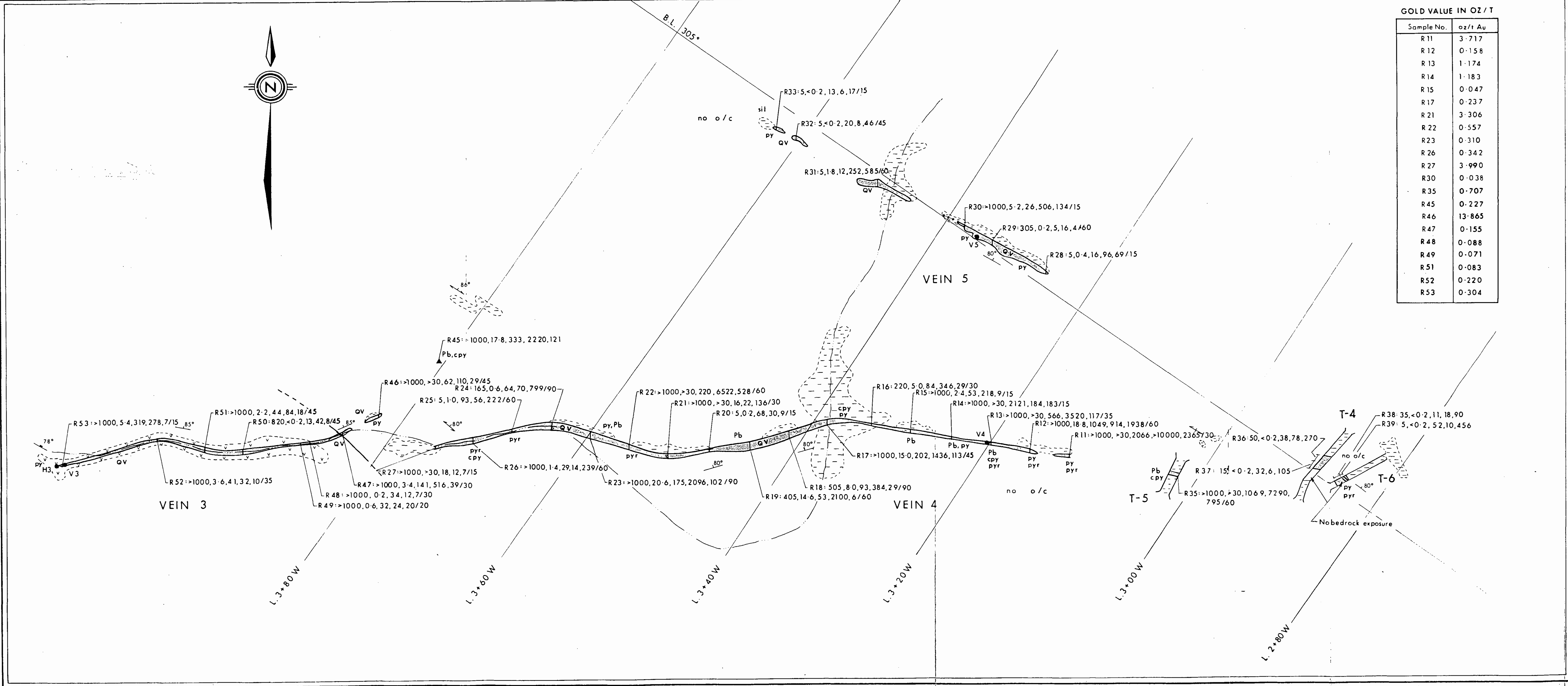
FIGURE 11



GOLD VALUE IN OZ/T

Sample No.	oz/t Au
R 11	3·717
R 12	0·158
R 13	1·174
R 14	1·183
R 15	0·047
R 17	0·237
R 21	3·306
R 22	0·557
R 23	0·310
R 26	0·342
R 27	3·990
R 30	0·038
R 35	0·707
R 45	0·227
R 46	13·865
R 47	0·155
R 48	0·088
R 49	0·071
R 51	0·083
R 52	0·220
R 53	0·304

LEGEND

- Metavolcanic greenstones
- Metasedimentary argillite
- Quartz vein
- Strike and dip
- Bedding
- Jointing
- Outcrop
- Quartz veinlets
- Geological contact (approximate, assumed)
- Rock sample location
- Grid line 10 metres station spacing
- Petrographic sample location
- Creek
- R38: 35,0·2,11,9,8/60 Sample number: Au in ppb, Ag, Cu, Pb, Zn in ppm/width in cm

py	Pyrite
cpy	Chalcopyrite
pyr	Pyrrhotite
Pb	Galena

FIGURE 12

0 5 10 15m

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VEIN 3, 4 and 5, TRENCH 4, 5 AND 6
PLAN AND ASSAY RESULTS

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Scale:		Drawn:	J. S.
Drawing No:		Date:	NOVEMBER 1995.

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Vein No. 6 (Main Showing)

Sampling of No. 6 vein which was partly mined in the 1940-1941 period has been restricted to surface material because of the water filled stope. Sample locations and results have been compiled on Figure 11 which also shows new trench T1, and the creek site sample. Sample descriptions and laboratory results are enclosed as Appendix II. These assay results compare favourably with the Bobmac and NSBG sampling and the mined average of about one opt gold, and two opt silver, plus copper, lead, and zinc. The currently exposed vein has an overall length of about 40 meters and disappears to the east under overburden. The Bobmac Mine drawing (Figure 10) indicated the vein also extended westerly as faulted segments with a known length of about 61 meters.

West Showings

As a result of the deep trenching in 1938 and streams coursing through the trenches, the Nos. 3, 4, and 5 veins are almost completely exposed.

No. 5 Vein

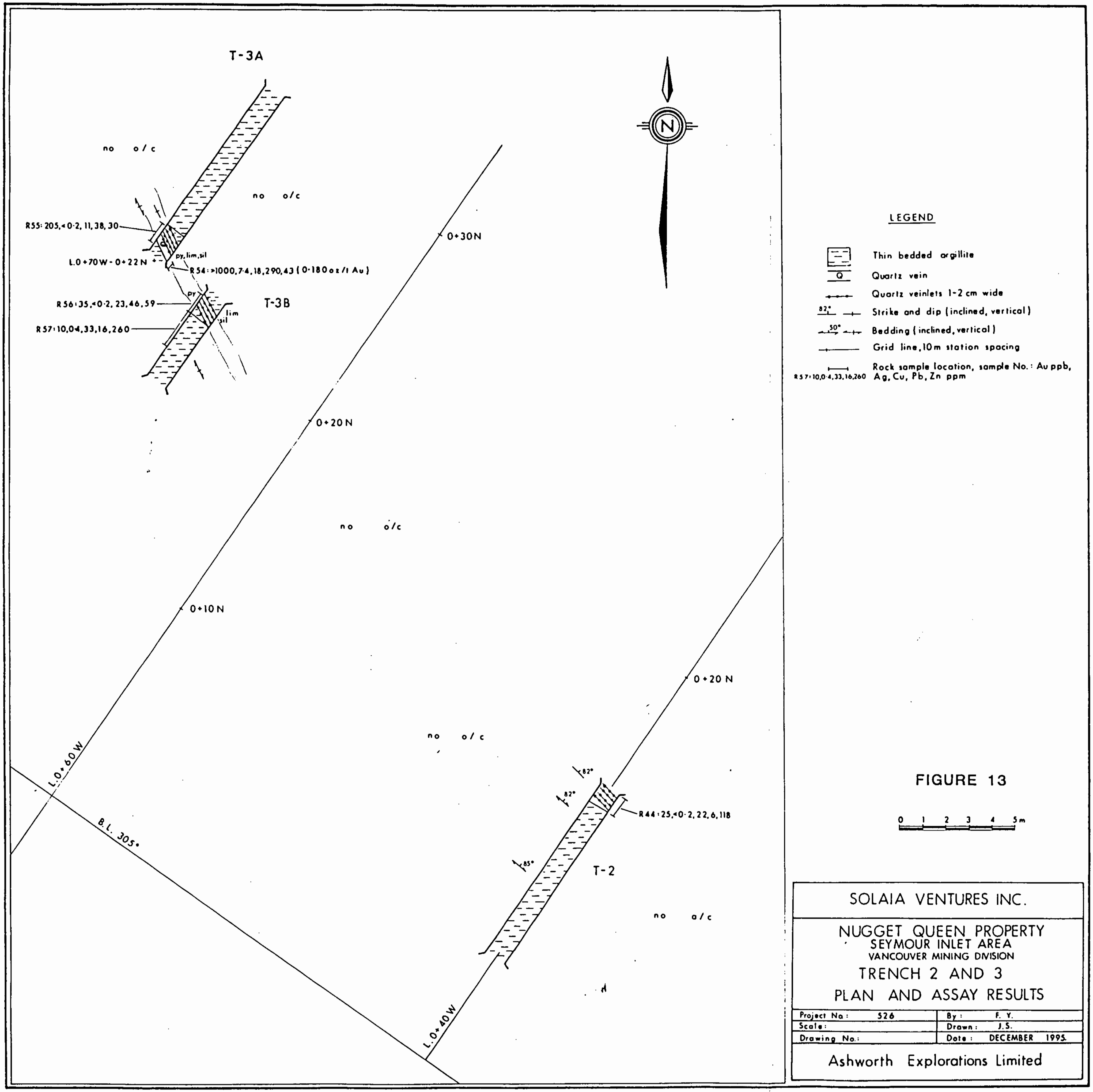
Segments of the lenticular No. 5 vein are exposed within a shear zone over a length of 40 meters (Figure 12). Metal values on the basis of six samples are low with gold ranging from 5 ppb to a high of 0.038 opt Au which compares favourably with previous results (NSBG).

No. 4 Vein

This vein was sampled in more detail (Figure 12), and the results comprise values of from 5 ppb to a high of 13.865 opt Au, and 3.96 opt Ag plus significant copper, lead, and zinc. The weighted uncut average grade of No. 4 vein has been calculated as 22.31 g/t Au, 30.4 g/t Ag, 371 ppm Cu, 3,374 ppm Pb, and 494 ppm Zn, over an average width of 49 cm. This result is higher than the detailed sampling results produced by Bobmac Mines which gave an average 5.69 g/t over an assay width of 0.7 meters.

No. 3 Vein

Eight vein samples taken over a length of about 41 meters at irregular spacing gave results which ranged from a low of 2.45 g/t Au, and 0.2 g/t Ag over a width of 20 cm to a high of 475.44 g/t Au (13.865 opt), and 135.6 g/t Ag over a width of 35 cm (Figure 12). Vein sample descriptions and assay data are also



T-3A
no o/c
no o/c
R55: 205,<0·2, 11, 38, 30
L.0+70W - 0+22N
py, lim, sil
R54: >1000, 7·4, 18, 290, 43 (0·180 oz/t Au)
R56: 35,<0·2, 23, 46, 59
T-3B
lim
sil
py
R57: 10, 0·4, 33, 16, 260
0+30N
0+20N
no o/c
0+10N
no o/c
L.0+60W
B.L. 305°
0+20N
82°
82°
R44: 25,<0·2, 22, 6, 118
85°
T-2
no o/c
L.0+40W
LEGEND
Thin bedded argillite
Q
Quartz vein
Quartz veinlets 1-2 cm wide
82°
Strike and dip (inclined, vertical)
50°
Bedding (inclined, vertical)
Grid line, 10m station spacing
Rock sample location, sample No.: Au ppb, Ag, Cu, Pb, Zn ppm
R57: 10, 0·4, 33, 16, 260
0 1 2 3 4 5m
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NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA
VANCOUVER MINING DIVISION
TRENCH 2 AND 3
PLAN AND ASSAY RESULTS
Project No: 526
By: F. Y.
Scale:
Drawn: J.S.
Drawing No.:
Date: DECEMBER 1995
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FIGURE 13

found in Appendix II. The simple uncut average for the eight samples is about 63 g/t Au, 19 g/t Ag, 83 ppm Cu, 150 ppm Pb and 17 ppm Zn across an average width of 31 cm. A simple average of the seven sample results reported by NSBG was about 29.22 g/t Au, and 142 g/t Ag. Both averages are skewed by one high sample each: NSBG sample A2 from the central vein, and R46 from the extreme east end of the vein, again showing the inherent variability of metal content within the vein system. Sample R45, a blocky sulfide-rich quartz float sample, suggests No. 3 vein may extend at least another 10 meters to the northeast.

Trenches

Trenches 4, 5, and 6 were cut to intersect the extension of No. 4 vein and the junction of the No. 4 - No. 5 shears (Figure 12). Sample R35 from trench T-5 contained at least 10 percent combined sulfides and graded 24.23 g/t Au, 51.8 g/t Ag along with good copper, lead, and zinc values over a width of 60 cm. This new result indicates the No. 4 vein mineralization extends at least another 15 meters to the east. Significant vein widths exposed in the T-4, and T-6 trenches (Figure 12) suggest that the No. 5 vein system could extend another 45 meters to this intercept and to the southeast..

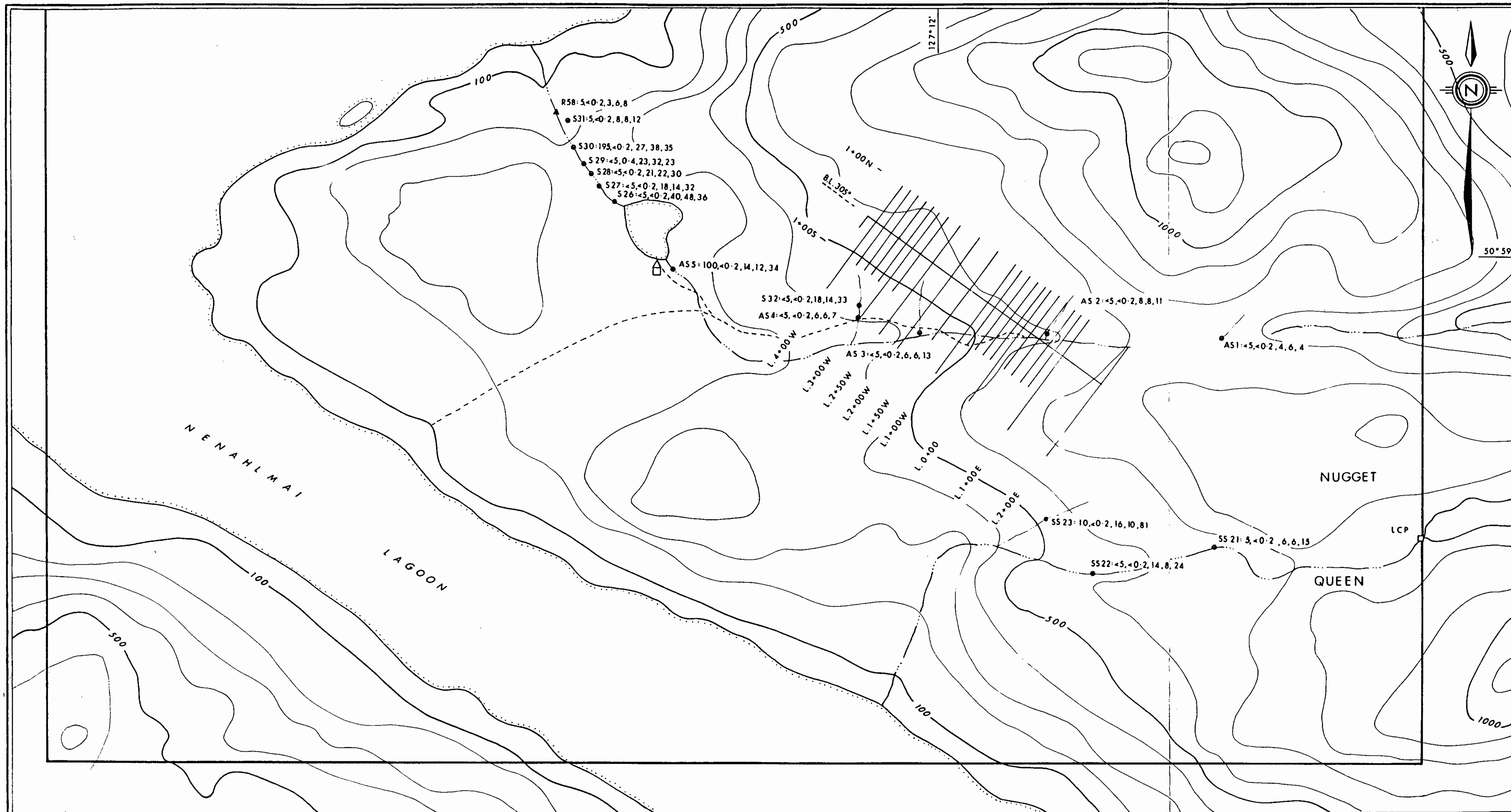
Trenches 2, 3A and 3B were cut to check several moderately high geochem soil results and to check a possible northeasterly extension of the Main Showing No. 6 vein (Figures 6, and 13). Trench T-2 cut only pyritic country rock with relatively weakly mineralized narrow quartz veins. Trenches 3A and 3B exposed a 20 to 30 centimeter pyritic zone with narrow quartz veins in country rock. One sample assayed 6.18 g/t Au and 7.4 g/t Ag plus relatively low other metals. This new zone does not yet connect to a known system.

Sample Assay Results

Because of the number of relatively high assay results obtained in the 1995 vein sampling, the writer took six new vein samples, five of which were checks, and one new sample from No. 6 vein halfway between R3/R4 and the creek exposure - sample number 099754M (Figure 11). In addition, in order to confirm the first 1995 assays, 30 sample pulps were forwarded from the original laboratory, Eco-Tech, to Bondar Clegg in North Vancouver. A tabular comparison of these results is shown in the following:

Sample Assay Comparisons

Sample Number	Eco-Tech Au opt	Bondar Cl Au opt	Sample Number	Chemex Au opt
R 3 R 4	175 ppb 205 ppb		099752M	0.025
R5 R6	0.391 0.309	0.434 0.240	099751M	0.424
R 7	3.169	2.747		
R 8	0.741	0.906		
R 10	0.036	0.031		
R 11	3.717	2.679		
R 12	0.158	0.180		
R 13	1.174	1.110		
R 14	1.183	0.694		
R 15	0.047	0.053		
R 17	0.237	0.238		
R 21	3.306	4.117		
R 22	0.557	0.466		
R 23	0.310	0.372		
R 26	0.342	0.259		
R 28	0.006	0.006	099756M	0.026
R 30	0.038	0.038		
R 34	0.066	0.085	099753M	0.419
R 35	0.707	0.812		
R 41	0.742	0.597		
R 45	0.227	0.307		
R 46	13.865	12.739		
R 47	0.155	0.113	099755M	0.005
R 48	0.088	0.086		
R 49	0.071	0.068		
R 51	0.083	0.084		
R 52	0.220	0.216		



NTS 92L/14E - 92M/3E

LEGEND

▲	Rock sample location
●	Stream sediment sample location
AS4: 5, 2, 6, 8, 9	Sample number: Au ppb, Ag, Cu, Pb, Zn (ppm)
———	Flagged grid line
⌂	Camp location
- - - -	Trail
┗━	Property boundary and LCP
—100—	Topographic contour line (100 feet interval)
—··—··—	Creek
⊂	Lake

FIGURE 14

0 100 200 300 400 500 m

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STREAM SEDIMENT GEOCHEMISTRY
Au, Ag, Cu, Pb, Zn

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Scale:		Drawn:	J. S.
Drawing No:		Date:	NOVEMBER 1995.

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Sample Number	Eco-Tech Au opt	Bondar Cl Au opt	Sample Number	Chemex Au opt
R 53	0.304	0.326		
R 54	0.180	0.181		
R 59	0.271	0.354		

Comparisons between the assay gold results from the two laboratories on the same 30 samples are very close and confirm the presence of erratic high grade gold within the vein systems. No macroscopic free gold was observed in any of the samples suggesting the presence of microscopic gold concentrated in discrete sites in the tested veins. As expected the check samples taken as near to the original site as possible showed more variability.

GEOCHEMICAL SURVEYS

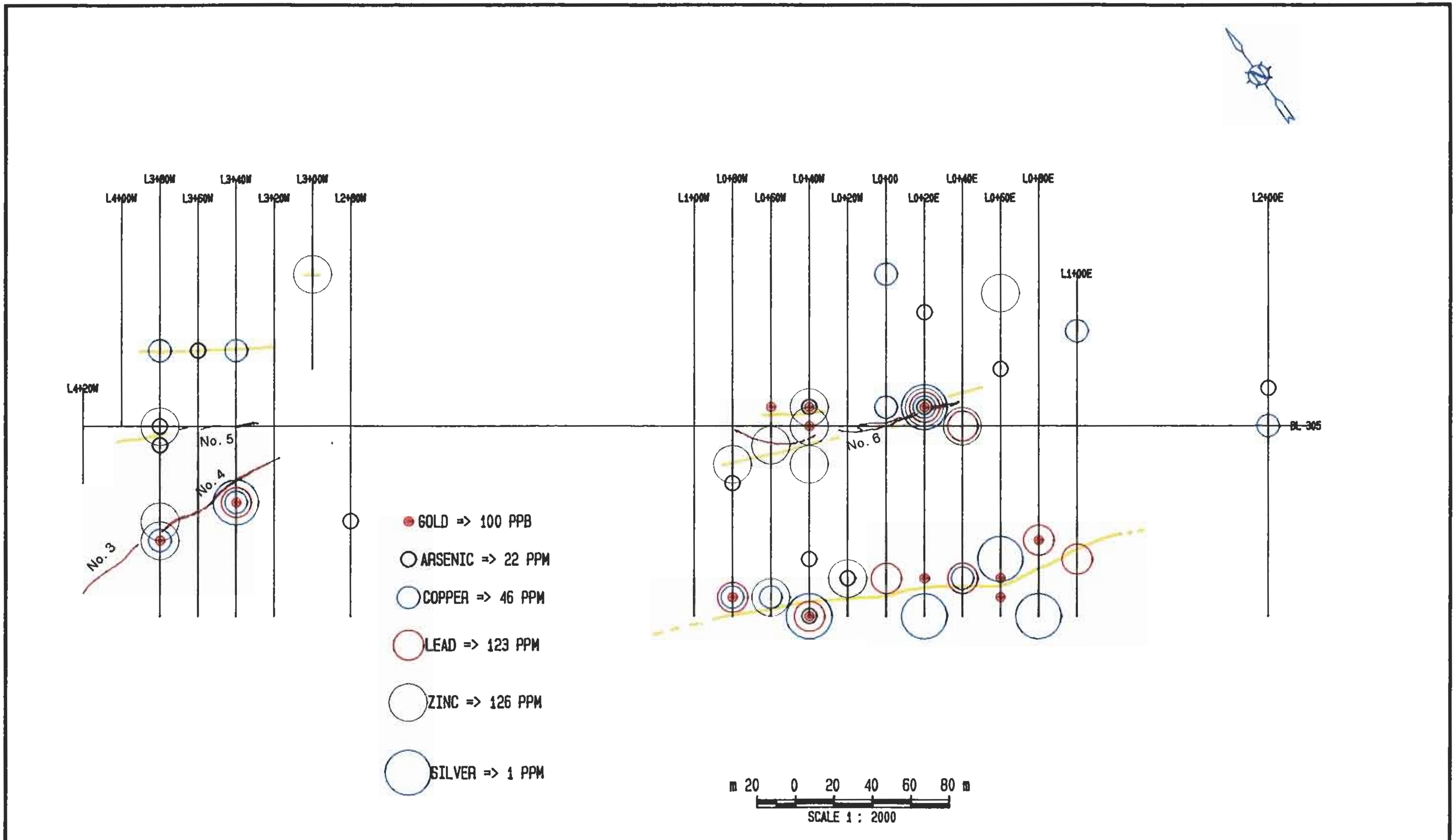
The stream silt samples and soil samples taken during the 1995 program are the first taken on the NUGGET-QUEEN property. As reported, this work was recommended in the 1980 NSBG report

STREAM SILT SAMPLING

Locations of silt samples with analytical results are indicated on Figure 14. Only one stream sample, S30, had a value exceeding 100 ppb gold, and one sample AS 5 yielded 100 ppb. All the rest were 10 ppb gold or less which along with other low metal values have failed to point out the possible presence of the known mineral systems.

GEOCHEMICAL SOIL SAMPLING

Geochemical soil testing carried out in 1995 was confined to the West and Main Showings areas located at the west and east ends of the Base Line. The soil samples were taken from B horizon material at 10 meter intervals along cut lines spaced at 20 meter intervals. A total of 329 samples were taken and submitted to a laboratory for multi-element analysis. The analytical data and soil sample site descriptions have been included in Appendix III. Plots for each of six elements and geostatistics are included in Appendix IV.



EW Grove Consultants
4581 Boulderwood Drive
Victoria, B.C.
V8Y 3A5

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SEYMOUR INLET AREA, VANCOUVER MINING DIVISION
1995 GEOCHEMICAL SOIL SURVEY - ANOMALIES

FIGURE 15

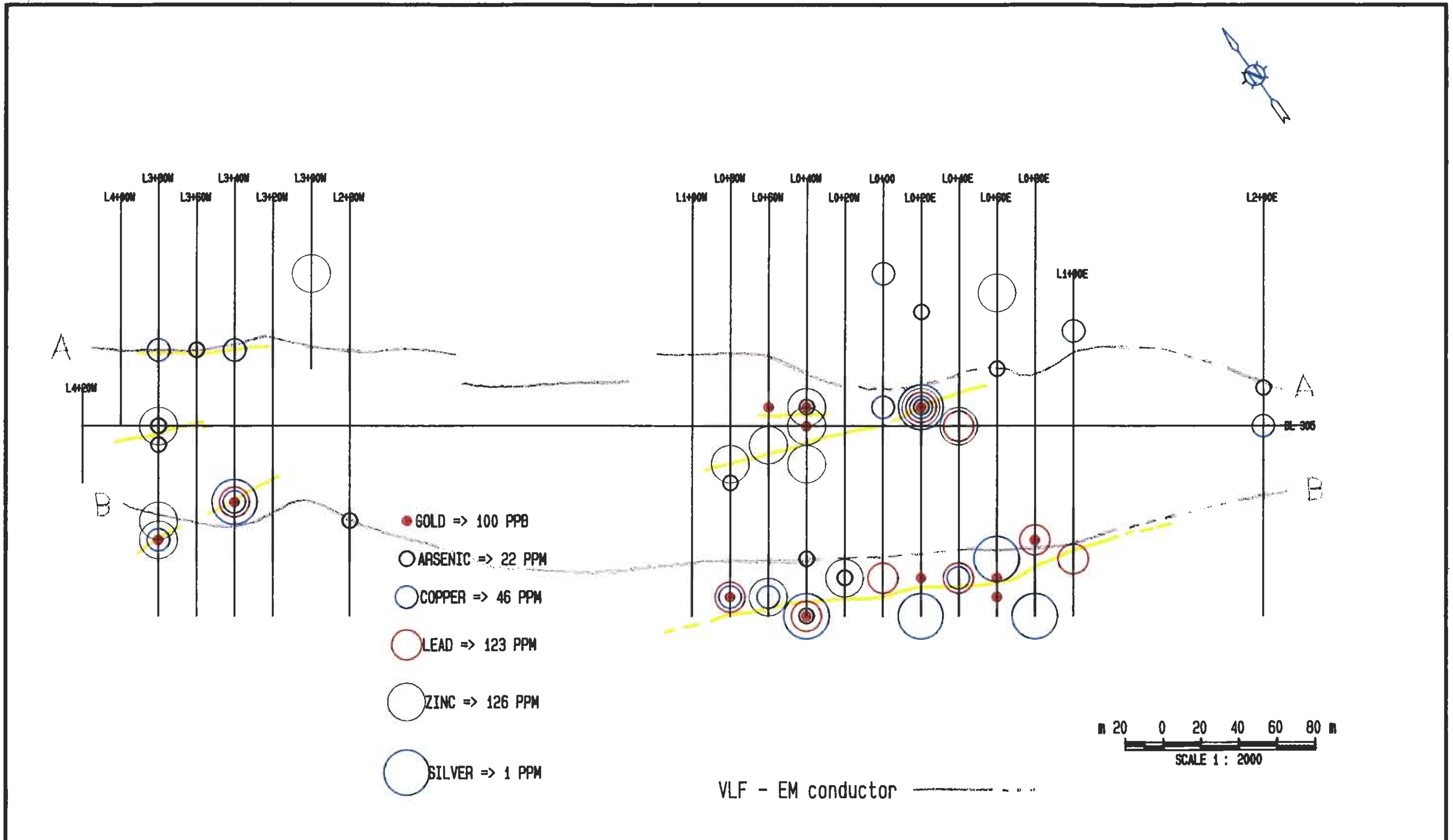
The soils in this generally heavily wooded area are covered by a wet black organic layer covering a one to two meter brown to rusty brown, fine grained wet clay-rich material which overlies weathered glaciated country rock.

Geostatistical analysis of the 1995 soil samples has included Au, Ag, Cu, Pb, Zn and As as potential pathfinder elements. The values used here to determine the anomalous levels for the five elements in this claim area included Au >100 ppb, Ag >1 ppm, Cu >46 ppm, Pb >123 ppm, Zn >126 ppm, and As >22 ppm. Anomalous values for the six elements have been included here as a composite diagram which shows a number of linear anomalies (Figure 15). Individual anomaly maps are included in Appendix IV.

Plots of the six element composite anomalies in Figure 15 show relatively good correlation to veins Nos. 3, 4, and 5 and a better correlation to vein No. 6. The soil anomalies appear to confirm the westerly extension of vein No. 6 shown here in Figure 10 (1938), but not exposed in work since then. Anomalous values also indicate No. 6 extends easterly about 50 to 60 meters under overburden. No soil samples were taken from L1+00E to L2+00E. Vein No. 5 indicated by anomalous values on the west end at L3+80W could extend westerly.

Several new anomalous areas have also been indicated by the soil geochemistry in both grid areas. In the west area one lies about 35 meters north of No. 5 vein and extends between L3+20W and L4+00W parallel to the 305° base line. Point anomalies in the west area were also located 80 meters northerly from the base line on L3+00W, and another at an isolated spot 50 meters southerly from the BL on L2+80W.

In the Main Showing area one very strong anomalous zone has been outlined by a multi-element composite. This lies from 60 to 90 meters south of the base line between L1+00E and L1+00W with a trend of about 295° which is similar to that of the No. 6 vein. A possible anomalous zone is indicated on L0+20E and L0+60E about 60 meters north of the base line. A single point anomaly 80 meters north of the base line on L+00 and two point anomalies on



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SEYMOUR INLET AREA, VANCOUVER MINING DIVISION

1995 GEOPHYSICAL SURVEY CONDUCTORS AND
GEOCHEMICAL SOIL ANOMALIES

FIGURE 16

L2+00E are not easily related to known veins or shear systems.

The strong composite anomaly located south of the Main Showing No. 6 vein has not been studied and no rock exposures have as yet been found in the zone. On the basis of the presumed geology this anomalous zone could lie at the contact of the phyllitic "argillite", and/or within volcanic rocks.

GEOPHYSICAL SURVEYS

In 1980 Premier Geophysics conducted a magnetometer and VLF-EM survey of part of the Cherry property utilizing the grid shown in Figure 7. This survey was laid out to cover the 300 meter wide area between the West and Main Showings, and magnetic survey coverage west of the West Showings, and east of the Main Showings. Premier Geophysics analysis of their data suggested prospecting, mapping and trenching of a number of EM conductors and magnetic lows on both sides of the base line and on two magnetic lows north of the base line. Trenching on one well-defined EM conductor located the westerly extension of the No. 6 vein, and another trench on a similar conductor located a possible extension of No. 6 about 25 meters to the north. This led to the proposal that any EM conductor with well-defined magnetic signature should be a priority investigation (NSBG, 1994).

In 1995 magnetometer and VLF-EM surveys were completed on the new grid. The VLF-EM survey extended from L2+00E to L4+00W, and the magnetometer survey from L1+00E to L4+00W covering the full grid. The report plus maps by GEOTRONICS SURVEYS LTD. are included here as Appendix V.

The VLF-EM survey produced two strong consistent conductors trending parallel to the base line. Conductor A lies north of the base line and appears to represent a shear zone(s) with which both No. 6 vein and possibly No. 5 vein are associated (Figure 16). The A conductor may be more closely tied to the geochemical anomaly lying just north of No. 5 vein, and at the east end of the grid appears to tie closely with the possible extension of No. 6 vein also marked by a geochemical anomaly.

Conductor B lying parallel to and south of the base line correlates strongly with the major geochemistry soil anomaly and can be interpreted as a mineralized shear similar to vein No. 6 (Figure 16).

The results of the magnetometer survey generally appear to represent changes in rock type. VLF-EM conductor A appears to be associate with a low amplitude magnetic high which involves veins 5 and 6.

CONCLUSIONS

Investigation of the West and Main Showings areas on the NUGGET QUEEN mineral claims in 1995 has included resampling the vein systems, and new geochemical and geophysical surveys. Resampling of veins 3, 4, and 6 has indicated higher gold and silver grades than previously recorded. The new geochemical soil survey has indicated the potential for extension of these and No. 5 vein and has outlined parallel new zones to 5 and 6 veins. The latter in particular, although not fully outlined, should be a priority study.

The apparent size and tenor of the known veins is sufficient to warrant further work which should also include trenching the vein extensions, and trenching and sampling of the new anomalous zones. Detailed spaced sampling of the 2, 3, 5 and 6 veins should be part of a future work program.

Strong support of the geochemical anomalies has been provided by the geophysical surveys conducted in 1995. The VLF-EM conductors, in particular, emphasize the need to also test vein extensions and investigate the gap.

A limited diamond core drilling program will also be required to test the depth and grade potential of the zones. Drilling should be implemented when physical works have been concluded.

RECOMMENDATION

Future exploration work on the claims should include extension of geochemical soil sampling to the open areas beyond the limits of the 1995 survey, in particular concentrating on the new major anomaly south of No. 6 vein. The good to excellent 1995 vein sampling results, particularly on No. 3, indicate that regular detailed sampling should be carried out on the vein systems. Trenching and vein sampling will be required on the vein extensions, as well as all new mineralization exposed by investigation of the geochemical soil anomalies.

The known geology of the general gold quartz vein systems is only poorly known and should be upgraded by geological studies which include rock type, structure and alteration studies in particular. Vein structure should be mapped in detail before any core drilling is contemplated. Transportation for the initial basic work will include helicopter access and provisioning. The temporary camp site at the pond allows room for helicopter landings.

Core drilling of the mineral systems is recommended as a Phase 2 project upon completion of the above recommendations.

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1996 EXPLORATION BUDGET - NUGGET QUEEN PROPERTY

Phase 1

1.	Camp, equipment, maintenance supplies	$15,000	
	Room & board @ $80/man/day including town costs	13,000	
			28,000
2.	Trenching, pluggers, compressor, chain saws, fuel, powder, etc.	8,000	
	4 men @ $200/man/day	16,000	
			24,000
3.	Geology, mapping, soil geochemistry, sampling, soil and rock sample analysis	8,000	
	1 geologist @ $275/day	7,000	
	2 assistants @ $175/man/day	9,000	
			24,000
4.	Transportation including airfare, ground, helicopter transport & supply		25,000
5.	Project Preparation maps, freight, sundries		5,000
6.	Supervision, on property, etc. plotting, reports		20,000
		Sub-Total	$126,000
		Contingencies @ 10%	12,600
		GST @ 7%	9,700
		TOTAL	**$148,300**

1996 EXPLORATION BUDGET - NUGGET QUEEN PROPERTY

Phase 2

1.	Camp, maintenance, supplies etc. Room & board @ $80/man/day, fuel, rentals		$15,000
2.	Core Drilling 2000 meters @ $100/meter, all found including site preparation	20,000	
	Assaying	6,000	
			26,000
3.	Geology, core logging, sampling 1 geologist @ $275/day	6,000	
	1 assistant @ $175/day	4,000	
			10,000
4.	Transportation To and from property plus helicopter supply and support		30,000
5.	Engineering Supervision, plotting, reports		25,000
		Sub-Total	106,000
		Contingencies @ 10%	10,600
		GST @ 7%	8,100
		Total	**$124,700**

CERTIFICATE

I, Edward W. Grove, of the Municipality of Saanich, do hereby certify that:

1. I am a consulting geologist with an office at 4581 Boulderwood Drive, Victoria, British Columbia.

2. I am a graduate of the University of British Columbia (1955) with a Master's degree, Honours Geology (M.Sc. Hon. Geol.) and a graduate of McGill University (1973) with a doctorate in Geological Sciences (Ph.D.).

3. I have practised my profession continuously since graduation while being employed by such companies as the Consolidated Mining and Smelting Co. of Canada Ltd., British Yukon Exploration Ltd., the Quebec Department of Natural Resources, and the British Columbia Ministry of Energy Mines and Petroleum Resources. I have been in corporate consulting practice since January 1981.

4. This report is based on the writer's knowledge of the general area, a review of the technical reports, data and maps cited herein, extracts of which are included in the appendices, and the writer's visit to the NUGGET-QUEEN claims on December 29, 1995.

5. I have no direct, indirect or contingent interest in Solaia Venutres Inc. or in the NUGGET-QUEEN claims, or any mineral properties owned by David A. Heyman, or Ashworth Explorations Limited.

6. I am a member in good standing of the Association of Professional Engineers of British Columbia.

7. I consent to the use of this report in a Prospectus or Statement of Material Facts.

February 19, 1996

Victoria, B.C.

Edward W. Grove, Ph.D., P.Eng.

March 5, 1996

STATEMENT OF COST

THE NUGGET QUEEN PROPERTY

PHASE 1 Geological, geochemical and geophysical reconnaissance (8 man crew, 21 days).

Project Preparation (4 men, 4 days) $ 5,900.00
Includes: Preparation of Maps, Field and Camp Supplies, and Warehouse work.

Mob/Demob (8 man crew) $23,200.00
Includes: Wages, Transportation (Helicopter, Beaver, Truck and Ferry), Food and Accommodations.

Field Crew:		
Project Geologist	$ 4,250	
Geophysical Operator	$ 5,950	
Party Chief	$ 5,950	
Two Geotechnicians	$10,200	
Two Linecutters	$12,750	
Camp Cook	$ 5,100	
	Subtotal	$44,200.00
Field Costs:		
Camp Cost	$12,900	
Food Supplies	$ 6,450	
Field Supplies	$ 2,000	
Communications @ $75/day x 21 days	$ 1,575	
[2] 4x4 Trucks	$ 4,420	
Boat Rentals @ $125/day x 17 days	$ 2,125	
	Subtotal	$29,470.00

Cont. /2

Lab Analysis: Soil, Rock & Stream Samples	$ 7,869.44
Geophysical Survey (EDA System - Mag/VLF) Includes: Geophysical Interpretation	$ 5,250.00
Petrographical Analysis	$ 707.81
Consulting	$ 2,584.78
Data Compilation and Report Includes: Report Writing, Maps, Plotting, Drafting, Word Processing, Copying and Binding.	$10,957.97

SUBTOTAL	$130,140.00
Administration @ 15%	$ 19,521.00
SUBTOTAL	$149,661.00
GST @ 7%	$ 10,476.27
TOTAL	**$160,137.27**
SAY	**$160,000.00**

Respectfully Submitted,

Edward W. Grove, PhD.
March 5, 1996

SECTION I

APPENDIX I

Petrography

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist
CRAIG LEITCH, Ph.D. Geologist
JEFF HARRIS, Ph.D. Geologist
KEN E. NORTHCOTE, Ph.D. Geologist

P.O. BOX 39
8080 GLOVER ROAD,
FORT LANGLEY, B.C.
V0X 1J0
PHONE (604) 888-1323
FAX. (604) 888-3642

PETROGRAPHIC REPORT ON 6 POLISHED THIN SECTIONS

Report for: Fayz Yacoub
Ashworth Explorations Ltd.
#405 - 609 West Hastings Street
Vancouver, B.C.
V6B 4W4.

Job # CL-95-50
Invoice 950695

December 3, 1995

Samples submitted: V3, V4, V5, V6, H3, H6.

V3: MASSIVE QUARTZ VEIN, MINOR PYRITE-CHALCOPYRITE-SERICITE

Massive white quartz vein, divisible into a pure white portion and a grey portion; minor pyrite, chalcopyrite and a grey sulfide are visible. Not magnetic, no stain for K-feldspar, no reaction to cold dilute HCl. Modal mineralogy in polished thin section is roughly:

Quartz	95%
Pyrite	4%
Chalcopyrite	<1%
Sericite	<1%
Carbonate	tr
Galena (?)	tr

The slide is composed almost entirely of quartz, as large anhedral crystals up to 3.5 mm in diameter, in places recrystallized along fractures to sub-domains of 50-100 microns. The quartz is moderately strained, and there is minor suturing of the boundaries. The only other silicate is minor sericite, as fine (25-50 micron) subhedral flakes along grain boundaries and in patches, likely after former feldspar, to 0.25 mm diameter.

Pyrite occurs as coarse, subhedral crystals up to 5 mm diameter in masses that are over 1 cm across. It contains trace inclusions of chalcopyrite (elongate fracture fillings up to 40 microns thick or subhedral crystals to 0.15 mm) and ?galena (blebs to 30 microns). Chalcopyrite also occurs separately as separate subhedral crystals to 0.5 mm, in places associated with sericite patches or trace carbonate (anhedral crystals to 0.1 mm along fractures in the quartz and crossing the pyrite). Minor euhedral pyrite to 0.25 mm is intergrown with this chalcopyrite. The "grey sulfide" seen in hand specimen is likely finely divided pyrite.

V4: MASSIVE QUARTZ WITH MINOR GALENA, CHALCOPYRITE, SPHALERITE AND OXIDIZED PYRRHOTITE (+/- LIMONITE)

Rusty-weathering, milky white quartz vein with minor blebs of sulfides. No stain for K-feldspar, no reaction to cold dilute HCl, but traces of magnetic attraction in places. In polished thin section, the modal mineralogy is approximately as follows:

Quartz	95+%
Galena	1-2%
Chalcopyrite	1%
Sphalerite	<1%
Pyrrhotite (partially oxidized)	<1%
Chalcocite, covellite	<1%
Limonite, ?leucoxene	<1%

This sample is also mainly quartz, as in V3, mainly occurring as coarse anhedral crystals to several millimeters in diameter. However, the areas of fracturing and recrystallization are more abundant (forming small anhedral sub-grains of 10-100 microns), and the quartz is more strained and sutured at boundaries. Also, this sample lacks the traces of sericite and carbonate seen in V3.

Sulfides are more varied, including mainly galena as rounded, elongate blebs to 3.5 mm long, intermixed with lesser chalcopyrite as subhedral crystals or masses to 2.5 mm long. Traces of sphalerite occur with both galena and chalcopyrite as euhedral crystals to 0.1 mm or subhedral aggregates to 0.5 mm; sphalerite also occurs separately. It has medium red-brown colour indicating moderate Fe content. Traces of pyrrhotite (subhedral crystals to 0.1 mm, partially oxidized to lamellar pyrite-marcasite or an intermediate FeS phase) are associated with the margins of the galena and chalcopyrite blebs. Rims of chalcopyrite also show traces of oxidation to chalcocite (subhedral, to 50 microns and outer rims of covellite (10-20 microns), especially where associated with oxidized pyrrhotite.

Limonite also occurs at one end of the slide, as amorphous to crystalline masses with reddish colour up to0.5 mm across; this is likely due to in situ oxidation of sulfides near the outside of the sample. There may be traces of ?leucoxene also, as clusters of amorphous masses up to 25 microns across.

<u>V5: QUARTZ VEIN WITH INCLUDED FRAGMENTS OF QUARTZ-SERICITE-PYRITE-RUTILE SCHIST/ARGILLITE; MINOR OXIDATION (LIMONITE)</u>

White quartz vein with inclusions of black laminated ?carbonaceous argillite (angular outlines, up to 2.5 cm long). There is no reaction to cold dilute HCl or stain for K-feldspar, and the rock is not magnetic. Modal mineralogy in polished thin section is approximately:

Quartz (vein and in fragments)	75%
Sericite (fragments)	20%
Pyrite (mainly in fragments)	3%
Rutile	1%
Pyrrhotite (in pyrite)	<1%
Limonite (on fractures)	<1%

Vein quartz forms large anhedral masses in places up to 0.5 cm across, moderately to strongly strained (undulose extinction) and recrystallized along fractures and at grain boundaries (sutured). Traces of sericite as fine 25-50 micron subheral flakes are present along some grain boundaries and fractures, or in patches up to 0.2 mm across that could have originally been feldspar.

The fragments consist of fine-grained, anhedral quartz (averaging 10-50 microns, longer in one dimension parallel to the layering or foliation) mixed with lesser sericite (subhedral flakes to 30 microns) and minor pyrite (euhedral cubes up to 1 mm in diameter). The pyrite contains minor inclusions of quartz and sericite plus traces of pyrrhotite as rounded elongate blebs to 100 microns long; there are pressure shadows of quartz and sericite around the larger pyrite crystals. No other sulfide besides pyrite is visible in this sample.

Rutile occurs throughout the rock fragments as euhedral crystals to 50 microns long, mixed with the small cubes of pyrite sprinkled through the fragments. Minor limonite occurs along 0.1 mm fractures in the fragments.

V6: QUARTZ VEIN WITH CHIPS OF SERICITE SCHIST; MINOR PYRITE, GALENA, SPHALERITE, PYRRHOTITE, CHALCOPYRITE AS IN V4

Massive white quartz vein containing included chips of the same black schist or argillite as in V5, and minor sulfides (mainly pyrite, but including some galena, chalcopyrite and sphalerite as in V4). There is no stain for K-feldspar, no reaction to cold dilute HCl, and the rock is not magnetic. Modal mineralogy in polished thin section is approximately:

Quartz (vein and fragments)	95%
Sericite (vein and fragments)	2%
Pyrite	1%
Carbonaceous material (?)	<1%
Galena	<1%
Sphalerite	<1%
Chalcopyrite	<1%
Pyrrhotite	<1%
Chlorite	<1%
Rutile	<1%

Quartz of the vein forms coarse anhedral crystals as in all the previous samples (V3 to V5), up to several millimeters across. However, the quartz is moderately to strongly recrystallized (strained: undulose extinction; sutured boundaries, small sub-domains both along linear zones of fracturing and diffuse zones). This is more like the quartz of V5, as are the inclusions of black quartz-sericite-pyrite schist or argillite. These inclusions are similar to those described for V5 but contain more sericite (25-50 micron subhedral flakes) than fine quartz (anhedral, 10-30 microns; looks more like veins cutting the fragments than part of the rock fragments). Very fine (1-5 micron) opaque material could be ?carbonaceous; there are traces of rutile as subhedral 10-20 micron crystals. Rarely a few fragments contain fine 25 micron ?chlorite mixed with the sericite.

Pyrite forms coarse euhedral cubes up to 3 mm diameter that, as in V4, contain inclusions to 0.1 mm of chalcopyrite or are associated with traces of chalcopyrite and pyrrhotite around their borders. Galena occurs separtely as rounded, amoeboid blebs up to 0,5 mm across interstitial to quartz or along fractures (zones of recrystallization), and in places associated with a little sphalerite. Sphalerite also occurs as rounded to irregular blebs up to 0.5 mm across, mainly interstitial to the quartz crystals. The colour varies from pale yellowish (low Fe content) to reddish brown (moderate Fe content). It contains traces of chalcopyrite as fine 1-5 micron inclusions ("chalcopyrite disease", likely exsolved). Rare pyrrhotite forms subhedral crystals to 0.3 mm long, in places associated with subhedral chalcopyrite of similar size.

In summary, although there are black sericite schist chips present in this sample like those in V5, the diversity of the sulfide assemblage (galena, sphalerite, chalcopyrite, pyrrhotite in addition to pyrite leads me to suspect a similar source for V4 and V6.

H3: INTENSELY QUARTZ-CALCITE-CHLORITE-SERICITE-PYRITE ALTERED WALL ROCK (POSSIBLY OF ?ANDESITIC ORIGIN)

Medium green host rock with some quartz veins to 5 mm thick; strong reaction to HCl in places. Minor yellow stain for K-feldspar in the etched slab; trace magnetism. Modal mineralogy in polished thin section is approximately:

Quartz (secondary)	65%
Carbonate (mainly calcite)	15%
Sericite	10%
Chlorite	5%
Pyrite	1-2%
Sphene, rutile	1-2%
K-feldspar (secondary, in veins)	1%

This slide consists mostly of secondary quartz with scattered subhedral ?mafic relics now represented by irregular patches up to 1 mm long of carbonate, chlorite and sericite. Quartz forms either subhedral equidimensional crystals to 0.75 mm or else long bladed crystals up to 1 mm in length and random orientations. Carbonate occurs as subhedral crystals up to 0.15 mm diameter, generally highly interlocking; sericite forms sub- to euhedral flakes up to about 50 microns in diameter. Chlorite forms subhedral flakes of similar size to sericite (with which it is often intermixed); Fe:Fe+Mg ratio is near 0.5 (length-fast to length-slow, weakly anomalous birefringence, pale green pleochroism).

Larger triangular patches of carbonate and lesser chlorite and sericite could be after mafics or else fragments of wall rock. In them, pyrite occurs as small euhedral cubes up to 0.5 mm diameter, in places aggregating to 1 mm, and sphene forms subhedral granular aggregates to 0.1 mm (in places cored by subhedral rutile crystals to 50 microns).

Quartz veins make up about 20-30% of the slide, and are composed of coarse subhedral quartz to 1.5 mm size, minor carbonate (euhedral to subhedral, to 0.25 mm) and traces of K-feldspar (subhedral to euhedral crystals to 0.5 mm size).

This appears to be an intensely quartz-sericite-calcite-chlorite-pyrite altered rock, possibly of andesitic volcanic origin (?).

H6: CHLORITE-?QUARTZ-CALCITE-GREEN BIOTITE-MAGNETITE-RUTILE SCHIST WITH TRACES OF PYRITE AND CHALCOPYRITE

Dark green-grey, fine-grained, schistose rock with traces of scattered sulfides. Rock is moderately magnetic and shows moderate reaction to HCl; no stain for K-feldspar. Modal mineralogy in polished thin section is approximately:

Chlorite (two varieties)	50%
Quartz	25%
Carbonate (calcite)	10%
Green biotite	10%
Magnetite	3%
Rutile	2%
Pyrite, trace chalcopyrite	<1%

This is a well-foliated chlorite-quartz schist, with kink banding apparently marked by development of carbonate (mainly calcite) at an oblique angle across the foliation.

Chlorite forms sub- to euhedral flakes up to 0.1 mm diameter; cores of larger flakes are Fe-rich Type 2 (anomalous birefringence, length-slow) but the bulk of the chlorite is less Fe-rich Type 1 (green birefringent colours, length-fast). It occurs both intermixed with fine-grained, anhedral quartz (average about 10-15 microns; hard to tell if there is any feldspar present as well or not) and as separate, nearly pure chlorite layers up to 0.1 mm thick. Quartz grains are mostly elongate in the plane of the foliation (to 3:1 length to width). In places there are also flakes of green biotite (higher birefringence than chlorite, length-slow) to 0.2 mm size, apparently partly replaced by chlorite Type 2 surrounded by Type 1. Small clots or knots up to 0.2 mm across of green biotite and quartz or ?feldspar, partly chloritized, are surrounded by pressure shadows or "tails" of chlorite.

Carbonate is found as anhedral to subhedral crystals of 25-50 micron diameter, aggregating in places to 0.5 mm in irregular arrays oblique to foliation (along ?kink-planes).

Opaque oxides are abundant, partly fine needle-like rutile up to 50 microns long, but more commonly magnetite or ?ilmeno-magnetite as euhedral to subhedral crystals to 0.1 mm with a tendency to hexagonal outlines. These are especially notable in coarser clots (subhedral crystals up to 0.1 mm) of quartz, green mica, and carbonate +/- minor sulfides, including both euhedral pyrite and subhedral chalcopyrite. Pyrite also occurs as coarse euhedral cubes up to 1 mm diameter, associated with lesser subhedral chalcopyrite to 0.1 mm.

This is a chlorite-?quartz-carbonate schist that could be derived by metamorphism of an intermediate volcanic rock.

Craig H.B. Leitch, Ph.D, P.Eng.
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SECTION II

APPENDIX II

Rock sample descriptions and Laboratory analyses

NUGGET QUEEN '95
ROCK SAMPLE DESCRIPTIONS

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
SAMPLES COLLECTED FROM THE MAIN OPEN CUT							
R1	Chip, dark grey to black argillite. Brown, rusty weathering along bedding planes, several quartz veinlets parallel to bedding (305°), 1-2 mm-wide disseminated with fine-grained pyrite.	5	0.2	40	12	288	380
R2	Altered, deeply weathered, dark brown, rusty argillite, hosting several 0.5-2 mm-wide quartz stringers, parallel to bedding planes. Chip sample across 1.4 m.	5	<0.2	66	30	240	140
R3	Quartz vein exposed in T-1. White, massive quartz intercalated with crumbly, soft argillic inclusions. Mineralization consists of very fine-grained pyrrhotite, chalcopyrite, pyrite, sphalerite and galena. Vein is rusty, reddish on weathered surfaces, hosted by crumbly altered argillite. Chip sample across 2 m. of the vein.	175	1.4	118	234	238	200
R4	Chip over 15 cm. of strongly mineralized section of the same vein as above, extensive galena and chalcopyrite (8% combined mineralization).	205	9.2	208	1,752	578	15
R5	Chip, massive white quartz vein disseminated with fine-grained pyrrhotite, chalcopyrite and minor galena, vein contains remnants of soft argillitic materials.	>1,000 *0.391	11.6	208	1,848	710	100
R6	Same vein as above. Chip over 1.2 m., mineralized vein exposed at the east end of the main showing. Mineralization includes chalcopyrite, pyrrhotite and aggregates of very fine-grained galena inclusion.	>1,000 *0.309	>30	633	2,354	388	120
R7	Strong sulphide mineralization concentrated within 15 cm. Section taken from same location as R6, 20% combined mineralization of chalcopyrite, pyrrhotite and galena.	>1,000 *3.169	>30	2,791	>10,000	1,560	15

* Values in oz./tonne

NUGGET QUEEN '95
ROCK SAMPLE DESCRIPTIONS

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R8	Float, local angular quartz vein material disseminated with 15% combined chalcopyrite, pyrrhotite, sphalerite and galena, as very fine-grained dissemination. Sample is reddish, rusty on weathered surfaces.	>1,000 *0.741	>30	7,009	>10,000	1,684	---
R9	Altered (argillic) deeply weathered argillite, weak to moderate silicification, 1-2% pyrrhotite dissemination. Chip sample taken from the west end of the open cut.	200	3	108	230	267	60
R10	Chip, silicified, deeply weathered argillite hosting 3-5 cm. quartz veins. Slightly disseminated (2%) with pyrrhotite, pyrite and trace of fine-grained galena.	>1,000 *0.036	3.6	104	548	754	90

SAMPLES COLLECTED FROM V-4

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R11	Chip, massive, milky quartz disseminated with 4-5% of very fine-grained aggregates of galena and chalcopyrite. Vein strikes 280°.	>1,000 *3.717	>30	2,066	>10,000	2,365	60
R12	Same vein as R11, only 1-2% of sulphides, mainly chalcopyrite, pyrrhotite and trace of galena. Vein strikes 280°.	>1,000 *0.158	18.8	1,049	914	1,938	60
R13	V-4 same as above. Moderate to fine-grained galena (2%).	>1,000 *1.174	>30	566	3,520	117	40
R14	V-4 quartz vein subcrop, 2% galena and chalcopyrite. Chip sample.	>1,000 *1.183	>30	2,121	184	183	15
R15	V-4 quartz vein subcrop, very minor (<1%) sulphide dissemination. Chip sample.	>1,000 *0.047	2.4	53	218	9	45
R16	Barren quartz subcrop. No sulphides. Vein strikes 268°. Chip sample.	220	5	84	346	29	30
R17	Massive milky quartz, 2% fine-grained combined galena and chalcopyrite, inclusions of dark grey argillite. Chip sample.	>1,000 *0.237	15	202	1,436	113	45
R18	Massive milky quartz, vein strikes 236°, less than 1% sulphides, minor argillite inclusion. Chip sample.	505	8	93	384	29	90

NUGGET QUEEN '95
ROCK SAMPLE DESCRIPTIONS

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R19	Chip, massive milky quartz, disseminated with 1-2% fine-grained galena and minor chalcopyrite.	405	14.6	53	2,100	6	60
R20	Chip, barren, massive milky quartz with <1% sulphides. Light brown, rusty along fractures, soft argillite inclusions, vein strikes 248°/80 NW.	5	0.2	68	30	9	15
R21	Massive milky quartz, minor sulphides (<1%), and wall rock inclusions. Chip across 30 cm.	>1,000 *3.306	>30	16	22	136	30
R22	Same as R21, vein intercalated with argillite, both are disseminated with <1% pyrrhotite, vein strikes 280°.	>1,000 *0.557	>30	220	6,522	528	60
R23	Massive milky quartz, slightly disseminated with fine-grained galena, irregularly distributed. Chip sample collected from local angular boulders in the creek bed.	>1,000 *0.310	20.6	175	2,096	102	90
R24	Chip, massive milky quartz, similar to R23.	165	0.6	64	70	799	---
R25	Massive, milky quartz, 1-2% fine-grained pyrrhotite, galena and minor chalcopyrite. The vein is intercalated with dark grey to black argillite. Chip sample across 60 cm. of local boulders in the creek bed.	5	1	93	56	222	60
R26	Chip, 30 cm. of massive milky quartz, dark brown, rusty along cleavages, mineralization consists of 2% combined pyrrhotite, chalcopyrite and minor galena.	>1,000 *0.342	1.4	29	14	239	30
R27	Chip over 15 cm., similar to R26.	>1,000 *3.99	>30	18	12	7	15

NUGGET QUEEN '95
ROCK SAMPLE DESCRIPTIONS

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm

SAMPLES COLLECTED FROM V-5

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R28	Massive quartz vein trending 300°/80 NE. Vein intercalated with thinly bedded argillite disseminated with 1-3% fine-grained pyrite, minor pyrrhotite and chalcopyrite. Chip over 15 cm.	5	0.4	16	96	69	15
R29	Chip, same vein as above. Strong intercalation with the wall rock (60% quartz, 40% argillite), mineralization consists of 2% fine-grained pyrite, minor pyrrhotite.	305	0.2	5	16	4	60
R30	Chip, massive quartz intercalated with black, soft argillite, 1% pyrite.	>1,000 *0.038	5.2	26	506	134	15
R31	Chip over 60 cm. of rusty, massive quartz vein, striking 300°/80 NE, pyrite, pyrrhotite dissemination, 2-3% argillite inclusion.	5	1.8	12	252	585	60
R32	Chip sample over 60 cm. of rusty, light brown, massive quartz, strikes 300°, similar to R 31.	5	<0.2	20	8	46	45
R33	Chip, similar to R 32, <1% pyrite. End of V-5.	5	<0.2	13	6	17	15
R34	Chip sample taken from extension of V-6 in creek. Massive white quartz, 3-5% sulphide mineralization, mainly fine-grained galena and chalcopyrite, minor pyrrhotite.	>1,000 *0.066	>30	77	5,600	2,494	250
R35	Chip across quartz vein, heavily disseminated with sulphide (10% combined galena and chalcopyrite), irregularly distributed throughout the vein.	>1,000 *0.707	>30	1,069	7,290	795	250

SAMPLES COLLECTED FROM T-4

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R36	Dark grey to black, deeply weathered argillite, 1% pyrrhotite and minor chalcopyrite. Chip over 1 m.	50	<0.2	38	78	270	100
R37	Same as R36. Dark brown, rusty argillite, 1-2% pyrrhotite combined with chalcopyrite.	15	<0.2	32	6	105	100

NUGGET QUEEN '95
ROCK SAMPLE DESCRIPTIONS

SAMPLES COLLECTED FROM T-6

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R38	Chip, deeply weathered, altered, thinly bedded, rusty argillite. 1-2% pyrite, pyrrhotite dissemination.	35	<0.2	11	18	90	100
R39	White, massive quartz vein, strikes 308°/80 NE exposed in T-6 hosted argillite, 1-2% combined pyrite, chalcopyrite and trace of galena.	5	<0.2	52	10	456	15
R40	Chip sample over 60 cm. of black, thinly-bedded argillite, bedding 300°/58 NE, hosting quartz vein exposed in creek.	40	0.6	65	86	475	60
R41	Chip sample across quartz vein (V-6) exposed in creek bed. Massive white quartz vein heavily mineralized with galena, chalcopyrite, pyrrhotite in places, up to 15% sulphides.	>1,000 *0.742	>30	1,021	9,678	5,518	120
R42	Chip over 30 cm. of dark grey to black argillite hosting quartz vein (V-6) deeply weathered and contains 1-2 mm. quartz stringers.	30	0.6	77	60	412	30
R43	Chip sample collected from a small quartz vein 3" wide, hosted by deeply weathered argillite located at the west end of the main open cut. Vein strikes 305°/80 NE. Sample taken from vein and host rock.	50	0.4	38	88	175	30
R44	Thinly-bedded black argillite, bedding 322°/82 NE, hosting 4 quartz veinlets with minor pyrite and chalcopyrite dissemination.	25	<0.2	22	6	118	---

SAMPLES COLLECTED FROM V-3

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R45	Float sample taken from a point located 10 m. E-NE of V-3. Local angular boulder of quartz vein material, 2% chalcopyrite and galena dissemination.	>1,000 *0.227	17.8	1.72	2,220	121	---
R46	Chip sample across 45 cm. of rusty, vesicular quartz vein with very minor chalcopyrite, no galena. Sample taken from the far east exposure of V-3. Vein is hosted by light grey, thinly-bedded argillite.	>1,000 f3.865	>30	62	5	29	35

NUGGET QUEEN '95
ROCK SAMPLE DESCRIPTIONS

SAMPLE	DESCRIPTION	Au PPb	Ag PPm	Cu PPm	Pb PPm	Zn PPm	Width cm
R47	Same vein (V-3) as above, strikes 250°/85 NW. Massive creamy quartz vein, minor pyrite and chalcopyrite dissemination hosted by green volcanic.	>1,000 *0.155	3.4	141	516	39	25
R48	Creamy massive quartz vein, same as above. Vein exposed in an old trench, light brown, rusty along fractures. Vein hosted by green volcanic with minor pyrite dissemination.	>1,000 *0.088	0.2	34	12	7	30
R49	Creamy massive quartz vein, 1-2% pyrite dissemination, hosted by green volcanic.	>1,000 *0.071	0.6	32	24	20	20
R50	Similar to R49, vein exposed in creek bed.	820	<0.2	13	42	8	45
R51	Chip across same vein as R50, hosted by green volcanic.	>1,000 *0.083	2.2	41	32	18	45
R52	Similar to R50 & R51.	>1,000 *0.220	3.6	319	278	10	45
R53	Chip sample taken from the west end exposure of V-3, rusty, pyritic quartz hosted by fine-grained green volcanic.	>1,000 *0.304	5.4	18	290	7	---

SAMPLES COLLECTED FROM T-3A & 3B

R54	Chip over 20 cm. of creamy massive quartz, vein intercalated with argillite, 1% pyrite dissemination.	>1,000 *0.180	7.4	18	290	43	20
R55	Chip, rusty, dark brown to yellowish, deeply weathered argillite, hosting several quartz veinlets trending 335°/90°.	205	<0.2	11	38	30	30
R56	Deeply weathered argillite hosting 1-2 cm. quartz veinlets. Extension of same zone exposed in T-3A.	35	<0.2	23	46	59	---
R57	Thinly-bedded argillite, hosting several 1-2 cm. quartz veinlets trending 335°/90°.	10	<0.4	33	16	260	150
R58	Light green, altered volcanic, 1% pyrite dissemination.	5	<0.2	3	6	8	100
R59	Chip, quartz vein (V-6) mineralized with galena, chalcopyrite, pyrrhotite, exposed in creek bed.	>1,000 *0.271	14	212	1,346	2,350	80

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GROVE, E.W. CONSULTANTS LTD.

4581 BOULDERWOOD DR.
VICTORIA, BC
V8Y 3A5

Comments: ATTN: TED GROVE

CERTIFICATE A9610074

(NCK) - GROVE, E.W. CONSULTANTS LTD.

Project: N-Q
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JAN-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	6	Assay ring to approx 150 mesh
274	6	4-7 Kg crush and split
3204	6	Save 1 Kg reject for 90 days

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
998	6	Au oz/T: 1 assay ton	FA-AAS	0.001	5.000
385	6	Ag oz/T:Reverse Aqua-Regia dig'n	AAS	0.01	20.0
301	6	Cu %: Reverse Aqua-Regia digest	AAS	0.01	100.0
312	6	Pb %: Reverse Aqua-Regia digest	AAS	0.01	100.0
316	6	Zn %: Reverse Aqua-Regia digest	AAS	0.01	100.0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GROVE, E.W. CONSULTANTS LTD. **

4581 BOULDERWOOD DR.
VICTORIA, BC
V8Y 3A5

Project : N-Q
Comments: ATTN: TED GROVE

Certificate Date: 14-JAN-96
Invoice No. : I9610074
P.O. Number :
Account : NCK

CERTIFICATE OF ANALYSIS A9610074

SAMPLE	PREP CODE		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
099751M	208	274	0.424	1.56	0.03	0.29	0.03					
099752M	208	274	0.025	0.09	< 0.01	0.06	0.04					
099753M	208	274	0.419	0.50	0.04	0.35	0.30					
099754M	208	274	0.118	0.07	< 0.01	0.03	0.03					
099755M	208	274	0.005	0.17	0.02	0.07	< 0.01					
099756M	208	274	0.026	0.26	< 0.01	0.07	0.01					

CERTIFICATION: Sard Leinard

Eco·Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 95-1128

ASHWORTH EXPLORATION LTD.
405-609 HASTINGS ST. W
VANCOUVER, B.C.
V6B 4W4

4-Dec-95

ATTENTION: Mr. Fayz Yacoub

59 Rock samples received Nov. 21, 1995
PROJECT #: NUGGET QUEEN #526
SHIPMENT #: None given

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)
5	R5	13.41	0.391	-	-	-
6	R6	10.58	0.309	30.1	0.88	-
7	R7	108.66	3.169	167.8	4.89	1.53
8	R8	25.42	0.741	284.3	8.29	3.22
10	R10	1.25	0.036	-	-	-
11	R11	127.44	3.717	184.6	5.38	2.97
12	R12	5.41	0.158	-	-	-
13	R13	40.26	1.174	42.3	1.23	-
14	R14	40.58	1.183	54.5	1.59	-
15	R15	1.62	0.047	-	-	-
17	R17	8.12	0.237	-	-	-
21	R21	113.36	3.306	110.6	3.23	-
22	R22	19.11	0.557	32.2	0.94	-
23	R23	10.62	0.310	-	-	-
26	R26	11.74	0.342	-	-	-
27	R27	136.82	3.990	60.4	1.76	-
30	R30	1.32	0.038	-	-	-
34	R34	2.27	0.066	30.4	0.89	-
35	R35	24.23	0.707	51.8	1.51	-
41	R41	25.46	0.742	46.7	1.36	-
45	R45	7.78	0.227	-	-	-
46	R46	475.44	13.865	135.6	3.96	-
47	R47	5.30	0.155	-	-	-

Frank J. Pezzotti, A.Sc.T. B.C. Certified Assayer

ASHWORTH EXPLORATION LTD. AK 95-1128 4-Dec-95

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)
48	R48	3.01	0.088	-	-	-
49	R49	2.45	0.071	-	-	-
51	R51	2.83	0.083	-	-	-
52	R52	7.56	0.220	-	-	-
53	R53	10.43	0.304	-	-	-
54	R54	6.18	0.180	-	-	-
59	R59	9.28	0.271	-	-	-
QC DATA:						
Standard:						
STD-M		3.28	0.096	-	-	-
Mp-IA		-	-	70.0	2.04	4.33

XLS/Ashworth

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

Bondar Clegg
Inchcape Testing Services

Bondar-Clegg & Co. Lt
130 Pemberton Avenue
North Vancouver, B.C
V7P 2R5
Tel: (604) 985-0681

"URGENT & CONFIDENTIAL"

To: ASHWORTH EXPLORATION LTD.
Attention : Mr. Fayz Yacoub
Reference :
Submitter : F. YACOUB

Our Fax No: (604) 985-1071
Your Fax No: 681-1533
Number of Pages : 2 including this page.

Report : V96-00112.0 Status : COMPLETE Total number of samples: 30

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au50 50g Fire Assay - AA	30	Au FIRE ASSAY	15		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
AS RECEIVED	30	PREPARED PULP	30	AS RECEIVED	30	
PULP HANDLING	30					

Notes:

If you do not receive the entire transmission in legible form, please contact us as soon as possible.

CLIENT: ASHWORTH EXPLORATION LTD.
REPORT: V96-00112.0 (COMPLETE)

PROJECT: NONE GIVEN
DATE PRINTED: 29-JAN-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au50 OPT	Au OPT
P4 R5		>0.292	0.434
P4 R6		0.240	
P4 R7		>0.292	2.747
P4 R8		>0.292	0.906
P4 R10		0.031	
P4 R11		>0.292	2.679
P4 R12		0.180	
P4 R13		>0.292	1.110
P4 R14		>0.292	0.694
P4 R15		0.053	
P4 R17		0.238	
P4 R21		>0.292	4.117
P4 R22		>0.292	0.466
P4 R23		>0.292	0.372
P4 R26		0.259	
P4 R28		0.006	
P4 R30		0.038	
P4 R34		0.085	
P4 R35		>0.292	0.812
P4 R41		>0.292	0.597
P4 R45		0.292	0.307
P4 R46		>0.292	12.739
P4 R47		0.113	
P4 R48		0.086	
P4 R49		0.068	
P4 R51		0.084	
P4 R52		0.216	
P4 R53		>0.292	0.326
P4 R54		0.181	
P4 R59		>0.292	0.354

4-Dec-95

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

ASHWORTH EXPLORATION LTD. AK 95-1128
405-609 HASTINGS ST. W
VANCOUVER, B.C.
V6B 4W4

ATTENTION: Mr. Fayz Yacoub

59 Rock samples received Nov. 21, 1995
PROJECT #: NUGGET QUEEN # 526
SHIPMENT #: None given

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	R1	5	0.2	1.79	<5	150	10	0.19	3	8	86	40	3.81	<10	1.13	203	17	0.02	46	670	12	<5	<20	12	0.02	<10	78	<10	<1	288
2	R2	5	<.2	1.91	5	100	5	1.02	6	11	153	66	3.69	<10	0.78	607	20	0.08	52	700	30	5	<20	49	0.08	<10	130	<10	3	240
3	R3	175	1.4	0.37	<5	85	<5	0.10	10	6	313	118	2.42	<10	0.21	198	25	0.01	20	200	234	<5	<20	10	<.01	<10	21	<10	<1	238
4	R4	205	9.2	0.20	<5	55	<5	0.24	27	11	301	208	3.54	<10	0.09	403	15	0.02	36	250	1752	<5	20	19	<.01	<10	9	<10	<1	578
5	R5	>1000	11.6	0.24	40	85	<5	0.44	33	8	242	208	3.39	<10	0.13	131	40	0.01	46	400	1848	<5	20	40	<.01	<10	12	<10	<1	710
6	R6	>1000	>30	0.19	<5	65	<5	0.07	19	4	441	633	1.86	<10	0.11	107	26	<.01	30	130	2354	<5	40	7	<.01	<10	15	<10	<1	388
7	R7	>1000	>30	0.10	<5	55	<5	0.07	85	8	268	2791	4.39	<10	0.04	94	22	<.01	51	60	>10000	20	100	6	<.01	<10	4	<10	<1	1560
8	R8	>1000	>30	0.01	<5	35	<5	<.01	86	4	342	7009	2.84	<10	<.01	46	12	<.01	25	40	>10000	60	40	6	<.01	<10	<1	<10	<1	1684
9	R9	200	3.0	0.75	15	135	<5	2.25	9	9	112	108	5.88	<10	0.60	457	48	<.01	32	680	230	<5	20	95	<.01	<10	37	<10	<1	267
10	R10	>1000	3.6	0.41	45	105	<5	3.36	33	9	253	104	2.58	<10	0.25	494	30	<.01	45	450	548	<5	<20	122	<.01	<10	21	<10	<1	754
11	R11	>1000	>30	0.13	80	40	<5	0.12	152	6	233	2066	2.50	<10	0.05	80	11	<.01	32	20	>10000	20	80	8	<.01	<10	1	<10	<1	2365
12	R12	>1000	18.8	0.07	<5	30	<5	0.05	171	<1	242	1049	0.75	<10	0.03	54	7	<.01	7	<10	914	<5	<20	5	<.01	<10	<1	<10	<1	1938
13	R13	>1000	>30	0.17	430	40	<5	0.16	2	19	248	566	3.51	<10	0.10	131	14	<.01	37	<10	3520	<5	40	8	<.01	<10	3	<10	<1	117
14	R14	>1000	>30	0.19	<5	40	<5	0.05	9	4	295	2121	1.46	<10	0.13	132	10	<.01	13	50	184	<5	<20	3	<.01	<10	3	<10	<1	183
15	R15	>1000	2.4	0.13	<5	45	<5	0.46	2	2	602	53	0.99	<10	0.05	136	23	<.01	12	<10	218	<5	40	8	<.01	<10	3	<10	<1	9
16	R16	220	5.0	0.46	<5	40	<5	0.35	1	3	188	84	1.19	<10	0.36	140	7	<.01	13	140	346	<5	<20	11	0.02	<10	14	<10	<1	29
17	R17	>1000	15.0	0.21	<5	40	<5	0.77	7	3	198	202	0.87	<10	0.11	135	10	<.01	8	90	1436	<5	<20	11	<.01	<10	3	<10	<1	113
18	R18	505	8.0	0.34	<5	45	<5	1.07	2	3	291	93	1.33	<10	0.30	298	10	<.01	12	90	384	<5	<20	19	<.01	<10	11	<10	<1	29
19	R19	405	14.6	0.07	<5	30	15	0.32	2	<1	321	53	0.57	<10	0.05	89	14	<.01	7	10	2100	<5	<20	10	<.01	<10	<1	<10	<1	6
20	R20	5	0.2	0.21	<5	45	<5	0.96	<1	3	315	68	1.18	<10	0.19	292	11	<.01	11	80	30	<5	<20	15	<.01	<10	6	<10	<1	9
21	R21	>1000	>30	0.11	<5	30	<5	0.25	8	<1	266	16	0.61	<10	0.08	80	13	<.01	7	10	22	<5	20	11	<.01	<10	3	<10	<1	136
22	R22	>1000	>30	0.77	250	65	<5	0.68	39	11	220	220	2.17	<10	0.19	127	16	<.01	48	520	6522	<5	<20	11	<.01	<10	18	<10	<1	528
23	R23	>1000	20.6	0.14	<5	30	<5	0.05	3	2	315	175	1.04	<10	0.10	91	14	<.01	11	60	2096	<5	<20	5	<.01	<10	8	<10	<1	102
24	R24	165	0.6	0.15	<5	30	<5	0.05	26	5	365	64	1.32	<10	0.07	214	12	<.01	13	40	70	<5	<20	3	<.01	<10	7	<10	<1	799
25	R25	5	1.0	0.43	10	65	<5	0.49	9	5	304	93	1.75	<10	0.26	225	18	<.01	19	410	56	<5	<20	13	0.02	<10	19	<10	<1	222

ASHWORTH EXPLORATION LTD. AK 95-1128

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	R26	>1000	1.4	0.03	<5	25	<5	0.01	7	1	337	29	0.85	<10	0.03	58	10	<.01	8	<10	14	<5	<20	3	<.01	<10	<1	<10	<1	239
27	R27	>1000	>30	0.11	<5	30	10	0.35	<1	2	295	18	0.89	<10	0.08	191	14	<.01	9	20	12	<5	40	9	<.01	<10	5	<10	<1	7
28	R28	5	0.4	0.30	45	35	10	0.16	2	6	245	16	1.54	<10	0.10	81	16	<.01	25	100	96	<5	<20	7	0.02	<10	12	<10	<1	69
29	R29	305	0.2	0.09	<5	35	5	0.04	<1	3	389	5	1.11	<10	0.02	62	24	<.01	21	50	16	<5	<20	5	<.01	<10	5	<10	<1	4
30	R30	>1000	5.2	0.22	185	55	15	0.02	2	9	276	26	4.76	<10	0.06	116	26	<.01	31	150	506	<5	80	6	0.04	<10	14	<10	<1	134
31	R31	5	1.8	0.29	<5	55	10	0.15	38	3	267	12	1.25	<10	0.18	134	13	<.01	9	100	252	<5	<20	5	0.01	<10	6	<10	<1	585
32	R32	5	<.2	1.10	<5	70	10	0.07	1	6	338	20	3.16	<10	0.80	207	10	0.01	21	160	8	<5	<20	5	0.03	<10	36	<10	<1	46
33	R33	5	<.2	0.40	<5	60	5	0.06	<1	3	304	13	1.28	<10	0.26	164	14	<.01	10	170	6	<5	<20	5	0.02	<10	10	<10	<1	17
34	R34	>1000	>30	0.10	20	45	10	0.04	102	9	350	77	2.51	<10	0.06	70	14	<.01	38	60	5600	10	40	5	<.01	<10	4	<10	<1	2494
35	R35	>1000	>30	0.15	<5	35	<5	0.07	65	2	248	1069	1.04	<10	0.12	146	11	<.01	9	30	7290	10	<20	7	<.01	<10	2	<10	<1	795
36	R36	50	<.2	3.27	<5	160	5	0.43	3	8	80	38	3.33	<10	0.48	144	17	0.06	37	790	78	<5	<20	49	0.04	<10	48	<10	4	270
37	R37	15	<.2	4.69	<5	150	15	0.42	1	6	97	32	4.29	<10	0.65	152	19	0.07	21	650	6	<5	40	36	0.12	<10	94	<10	4	105
38	R38	35	<.2	0.31	<5	45	<5	0.05	<1	3	248	11	1.61	<10	0.19	116	18	<.01	21	120	18	<5	<20	4	0.01	<10	11	<10	<1	90
39	R39	5	<.2	1.76	10	100	15	0.63	5	11	98	52	4.44	<10	0.36	164	53	0.09	85	630	10	<5	40	55	0.08	<10	73	<10	<1	456
40	R40	40	0.6	1.19	<5	105	10	3.58	9	15	75	65	4.81	<10	0.68	556	20	0.04	40	900	86	<5	20	225	0.06	<10	71	<10	<1	475
41	R41	>1000	>30	0.08	105	45	<5	0.04	395	16	253	1021	3.87	<10	0.02	77	14	<.01	38	<10	9678	<5	60	7	<.01	<10	3	<10	<1	5518
42	R42	30	0.6	0.87	<5	125	<5	0.34	11	15	145	77	3.46	<10	0.53	193	33	0.02	49	560	60	<5	<20	17	0.01	<10	41	<10	<1	412
43	R43	50	0.4	0.39	60	110	10	0.34	4	8	298	38	3.30	<10	0.10	385	29	<.01	45	410	88	<5	40	14	<.01	<10	16	<10	<1	175
44	R44	25	<.2	1.28	<5	110	15	0.25	3	4	172	22	3.41	<10	0.79	288	13	0.04	15	380	6	<5	<20	28	0.06	<10	87	<10	<1	118
45	R45	>1000	17.8	0.18	<5	45	<5	0.02	9	5	329	333	1.72	<10	0.07	56	16	<.01	15	40	2220	<5	<20	5	<.01	<10	6	<10	<1	121
46	R46	>1000	>30	0.44	<5	40	<5	0.04	1	4	197	62	1.58	<10	0.38	214	6	<.01	14	40	110	5	200	2	0.02	<10	20	<10	<1	29
47	R47	>1000	3.4	0.42	<5	45	<5	0.49	3	10	281	141	1.81	<10	0.33	225	13	0.01	19	<10	516	<5	<20	14	0.02	<10	24	<10	<1	39
48	R48	>1000	0.2	0.26	<5	35	<5	1.06	1	4	324	34	1.02	<10	0.26	292	9	<.01	13	<10	12	5	<20	13	0.01	<10	10	<10	<1	7
49	R49	>1000	0.6	1.01	<5	75	10	0.87	1	17	179	32	2.52	<10	0.70	353	12	0.04	42	60	24	5	<20	30	0.04	<10	56	<10	<1	20
50	R50	820	<.2	0.30	<5	40	10	0.52	<1	3	259	13	0.91	<10	0.23	154	7	<.01	11	130	42	<5	<20	7	0.03	<10	10	<10	<1	8
51	R51	>1000	2.2	0.60	<5	40	<5	1.42	<1	7	281	44	1.62	<10	0.51	367	12	<.01	20	90	84	<5	<20	14	0.05	<10	24	<10	<1	18
52	R52	>1000	3.6	0.13	20	35	<5	0.03	<1	9	326	41	2.62	<10	0.06	73	14	<.01	24	<10	32	<5	20	3	<.01	<10	3	<10	<1	10
53	R53	>1000	5.4	0.15	<5	40	<5	0.11	1	6	239	319	1.12	<10	0.04	57	12	<.01	11	50	278	<5	<20	3	<.01	<10	<1	<10	<1	7
54	R54	>1000	7.4	0.49	10	40	5	0.04	<1	2	278	18	2.35	<10	0.05	78	12	<.01	9	120	290	<5	<20	6	<.01	<10	16	<10	<1	43
55	R55	205	<.2	0.91	<5	70	10	0.16	<1	2	151	11	1.83	<10	0.10	52	16	0.03	10	180	38	<5	<20	10	0.03	<10	47	<10	<1	30
56	R56	35	<.2	2.04	15	70	10	0.22	<1	6	126	23	3.21	<10	0.24	206	13	0.03	15	620	46	<5	<20	12	0.04	<10	49	<10	<1	59
57	R57	10	0.4	0.44	<5	90	10	0.20	5	7	91	33	3.50	<10	0.05	87	25	<.01	38	1150	16	<5	40	8	<.01	<10	21	<10	<1	260
58	R58	5	<.2	0.27	<5	80	<5	0.07	<1	<1	169	3	0.60	10	0.06	68	6	0.04	5	20	6	<5	<20	4	0.01	<10	3	<10	<1	8
59	R59	>1000	14.0	0.07	<5	35	<5	0.01	179	2	308	212	0.81	<10	0.05	53	13	<.01	12	<10	1346	<5	<20	3	<.01	<10	2	<10	<1	2350

ASHWORTH EXPLORATION LTD. AK 95-1128 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																														
Resplit:																														
R/S 1	R1	5	0.4	1.81	<5	155	10	0.20	4	8	106	39	3.74	<10	1.13	214	19	0.02	46	610	18	10	<20	15	0.02	<10	79	<10	<1	305
R/S 36	R36	55	<.2	3.14	<5	120	10	0.49	5	10	92	43	3.77	<10	0.56	157	22	0.08	45	770	64	<5	20	47	0.04	<10	45	<10	2	280
Repeat:																														
1	R1	5	0.4	1.77	<5	155	10	0.19	3	8	87	42	3.78	<10	1.11	199	17	0.02	45	650	18	5	<20	16	0.02	<10	78	<10	<1	287
10	R10	>1000	4.2	0.41	45	105	<5	3.35	34	9	255	101	2.55	<10	0.25	490	30	<.01	46	440	550	<5	<20	122	<.01	<10	21	<10	<1	757
19	R19	430	13.2	0.06	<5	30	15	0.29	3	<1	300	48	0.53	<10	0.04	87	13	<.01	7	<10	1946	<5	<20	9	<.01	<10	<1	<10	<1	4
36	R36	50	<.2	3.25	<5	150	10	0.43	3	7	82	39	3.32	<10	0.48	147	18	0.06	37	790	72	<5	<20	48	0.04	<10	49	<10	3	280
45	R45	>1000	19.0	0.14	<5	40	<5	0.02	8	5	324	333	1.66	<10	0.06	50	15	<.01	15	30	2226	<5	<20	4	<.01	<10	5	<10	<1	116
Standard:																														
GEO'95		150	1.0	1.68	45	180	<5	1.77	<1	17	56	80	3.91	<10	0.94	685	1	0.02	26	640	20	10	<20	59	0.11	<10	73	<10	<1	77
GEO'95		150	1.0	1.68	45	180	5	1.73	<1	16	56	79	3.88	<10	0.94	675	1	0.02	27	650	14	10	<20	58	0.11	<10	73	<10	<1	76

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1124
XLS/Ashworth

SECTION III

APPENDIX III

1995 Geochemical analyses and soil sample descriptions

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
0+00	1+00N	Light Brown	Mud	30	
	0+90N	Light Brown	Mud	40	
	0+80N	Dark Brown	Mud	60	
	0+70N	Dark Brown	Mud	60	
	0+60N	Dark Brown	Mud	30	
	0+50N			No Sample	
	0+40N	Brown	Mud	40	
	0+30N	Brown	Mud	75	
	0+20N	Grey	Mud	20	
	0+10N	Grey	Clay	20	
	0+00			No Sample	
	0+10S			No Sample	
	0+20S			No Sample	
	0+30S			No Sample	
	0+40S	Rusty	Mud	30	
	0+50S	Rusty	Gritty	20	
	0+60S	Grey	Mud	20	
	0+70S	Dark Brown	Gritty	30	
	0+80S	Grey	Clay	20	
	0+90S	Rusty	Mud	30	
	1+00S	Red	Gritty	45	

0+20W	1+00N	Rusty	Gritty	40	
	0+90N	Dark Brown	Mud	50	
	0+80N	Brown	Mud	30	
	0+70N	Brown	Gritty	20	
	0+60N	Brown		20	
	0+50N	Brown		30	
	0+40N	Brown		40	
	0+30N	Brown		30	
	0+20N	Brown		60	
	0+10N			No Sample	Swamp
	0+00			No Sample	
	0+10S	Brown	Mud	65	
	0+20S	Grey	Sandy	20	
	0+30S	Grey	Clay	20	
	0+40S			No Sample	
	0+50S			No Sample	
	0+60S	Brown	Gritty	60	
	0+70S	Brown	Gritty	20	
	0+80S	Brown	Mud	30	
	0+90S	Brown	Mud	20	
	1+00S	Brown	Mud	35	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
0+40W	1+00N	Brown	Wet Mud	50	
	0+90N	Brown	Gritty	40	
	0+80N	Brown	Wet Mud	40	
	0+70N			No Sample	Swamp
	0+60N	Brown	Wet Mud	30	Close to Swamp
	0+50N	Brown	Mud	40	
	0+40N	Brown	Creamy Mud	40	
	0+30N	Mixed Brown	Mud	30	
	0+20N	Grey	Clay	50	
	0+10N	Red Brown	Gritty	50	
	0+00	Brown	Gritty	40	
	0+10S	Red Brown	Gritty	45	
	0+20S	Brown	Gritty	40	
	0+30S	Brown	Gritty Mud	50	
	0+40S	Rusty Brown	Gritty	60	
	0+50S	Brown Red	Gritty Mud	50	
	0+60S			No Sample	Creek
	0+70S	Red Brown	Gritty	45	
	0+80S	Brown	Gritty	30	
	0+90S	Brown	Gritty	40	
	1+00S	Grey	Gritty	30	

0+60W	1+00N	Grey	Wet Gritty	30	
	0+90N			No Sample	Swampy
	0+80N			No Sample	Swampy
	0+70N	Mixed Grey	Mud	40	
	0+60N	Brown	Mud	70	
	0+50N	Grey	Hard Clay	40	
	0+40N			No Sample	Swampy
	0+30N	Grey	Hard Clay	10	Rocky
	0+20N	Grey	Clay	10	
	0+10N	Grey	Clay	20	
	0+00	Grey	Clay	20	
	0+10S	Brown	Mud	20	
	0+20S	Grey	Wet Gritty	30	
	0+30S	Brown	Wet Gritty	30	
	0+40S	Rusty	Dry Gritty	20	
	0+50S	Rusty	Dry Gritty	30	
	0+60S	Rusty	Wet Gritty	40	
	0+70S			No Sample	Main Trail
	0+80S	Brown	Wet Gritty	40	
	0+90S	Brown	Mud	30	
	1+00S	Brown	Wet Mud	20	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
0+80W	1+00N	Brown	Mud	50	
	0+90N	Brown	Mud	40	
	0+80N	Grey	Clay	40	
	0+70N	Brown	Mud	30	
	0+60N	Brown	Mud	50	
	0+50N	Rusty	Mud	40	
	0+40N	Grey	Mud	30	
	0+30N	Grey	Mud	40	Close to Creek
	0+20N	Grey	Mud	20	
	0+10N	Grey	Mud	20	
	0+00	Grey	Clay Mud	50	
	0+10S	Grey	Clay Mud	40	
	0+20S	Rusty	Gritty	40	
	0+30S	Rusty	Gritty	30	
	0+40S	Grey	Gritty	30	
	0+50S	Rusty	Gritty	40	
	0+60S	Brown	Gritty	20	
	0+70S	Rusty	Dry Gritty	20	
	0+80S	Brown	Gritty Mud	40	Close to Creek
	0+90S	Brown	Gritty Mud	40	Close to Creek
	1+00S	Brown	Mud	50	

1+00W	1+00N	Light Brown	Gritty	30	
	0+90N	Grey	Clay	40	
	0+80N	Grey	Clay	30	
	0+70N	Grey Rusty	Gritty	30	
	0+60N	Brown	Muddy	20	
	0+50N	Brown	Muddy	50	
	0+40N	Brown	Muddy	60	Close to Creek
	0+30N			No Sample	
	0+20N	Brown	Muddy	40	
	0+10N	Brown	Muddy	40	
	0+00	Grey	Wet Mud	30	
	0+10S	Rusty Brown	Wet Mud	40	
	0+20S	Brown	Gritty	30	
	0+30S	Grey	Smooth Mud	40	
	0+40S	Grey Brown	Muddy	20	
	0+50S	Grey	Clay	50	
	0+60S	Grey Mustard	Gritty		
	0+70S			No Sample	Too Deep
	0+80S			No Sample	Too Deep
	0+90S	Rusty	Gritty	30	
	1+00S	Rusty	Wet Gritty	30	Near Creek

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
2+80W	1+00N	Red/Dark Brown	Mud	30	
	0+90N	Grey	Clay	30	
	0+80N	Red/Dark Brown	Mud	45	
	0+70N	Red/Dark Brown	Mud	45	
	0+60N	Red/Dark Brown, Grey	Mud	15	
	0+50N			No Sample	
	0+40N	Dark Brown	Mud	30	
	0+30N	Grey	Clay	30	
	0+20N	Red Brown	Mud	30	
	0+10N	Red/Dark Brown	Mud	30	
	0+00			No Sample	
	0+10S	Red/Dark Brown, Grey	Mud	60	
	0+20S			No Sample	
	0+30S	Red Brown, Grey	Mud & Clay	45	
	0+40S	Red Brown	Mud	45	
	0+50S	Red Brown, Grey	Mud & Clay	60	
	0+60S	Dark Brown	Mud	90	
	0+70S			No Sample	
	0+80S	Red Brown, Grey	Mud & Clay	45	
	0+90S	Red Brown, Grey	Mud & Clay	60	
	1+00S	Red Brown, Grey	Mud & Clay	60	

3+00W	1+00N	Light/Dark Brown	Mud	30	
	0+90N	Light/Dark Brown	Mud	30	
	0+80N	Light/Red Brown	Mud	30	
	0+70N	Light/Red Brown	Mud	60	
	0+60N	Light/Red Brown	Mud	45	
	0+50N	Red/Dark Brown	Mud	45	
	0+40N	Red/Dark Brown	Mud	45	
	0+30N	Light Brown, Grey	Mud & Clay	30	
	0+20N			No Sample	
	0+10N			No Sample	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
3+20W	1+00N	Dark Brown	Mud	75	
	0+90N	Red/Light Brown	Mud	30	
	0+80N	Red/Dark Brown	Mud	75	
	0+70N	Red Brown	Mud	75	
	0+60N			No Sample	
	0+50N			No Sample	
	0+40N	Red Brown	Mud	45	
	0+30N	Mixed Brown	Mud	45	
	0+20N	Red/Dark Brown	Mud & Sand	45	
	0+10N			No Sample	
	0+00	Grey	Clay	30	
	0+10S	Red/Light Brown	Mud	30	
	0+20S			No Sample	
	0+30S			No Sample	
	0+40S	Red/Dark Brown	Mud	80	
	0+50S	Red/Light Brown	Mud	45	
	0+60S	Red/Light Brown	Mud	45	
	0+70S	Light/Dark Brown	Mud	45	
	0+80S	Dark Brown	Mud	45	
	0+90S	Dark Brown	Mud	60	
	1+00S	Red Brown	Mud	45	

3+40W	1+00N	Red Brown	Mud	45	
	0+90N	Red Brown	Mud	75	
	0+80N	Red Brown	Mud	45	
	0+70N	Red Brown, Grey	Mud & Sand	20	
	0+60N	Light/Red Brown	Mud	20	
	0+50N	Light/Dark Brown	Mud	60	
	0+40N	Dark Brown, Black	Mud	90	
	0+30N	Red Brown, Grey	Mud & Clay	25	
	0+20N	Mixed Brown, Grey	Mud & Clay	75	
	0+10N	Red/Dark Brown, Grey	Mud & Clay	25	
	0+00	Red Brown/Grey	Mud & Clay	30	
	0+10S	Mixed Brown, Grey	Mud & Clay	100	
	0+20S			No Sample	
	0+30S			No Sample	
	0+40S	Light/Red Brown	Rock Inclusion	30	
	0+50S	Light/Red Brown	Sandy, Rock Inclusion	60	
	0+60S	Dark Brown	Mud	60	
	0+70S	Dark Brown, Grey	Mud & Clay	12.5	
	0+80S	Light Brown, Grey	Mud & Clay Rock Inclusion	20	
	0+90S	Red Brown	Mud	45	
	1+00S	Red Brown, Black	Mud	30	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
3+60W	1+00N	Grey	Clay	30	
	0+90N	Grey	Clay	40	
	0+80N	Brown	Mud	40	
	0+70N	Brown	Mud	60	
	0+60N			No Sample	
	0+50N	Rusty	Dry Gritty	50	
	0+40N	Rusty	Dry Gritty	40	
	0+30N	Rusty	Dry Gritty	20	
	0+20N	Mixed Brown	Mud	30	
	0+10N	Brown	Mud	40	
	0+00	Brown	Mud	30	
	0+10S	Grey	Mud	10	
	0+20S	Grey	Clay	10	
	0+30S	Grey	Clay	40	
	0+40S	Rusty	Dry Gritty	20	
	0+50S	Mixed Brown	Mud	20	
	0+60S	Mixed Brown	Mud	30	
	0+70S	Grey	Mud	20	
	0+80S	Dark Brown	Mud	40	
	0+90S	Rusty	Gritty Mud	30	
	1+00S	Rusty	Gritty	20	
3+80W	1+00N	Rusty	Dry Gritty	20	
	0+90N	Brown	Gritty	20	
	0+80N	Brown	Gritty	30	
	0+70N	Brown	Gritty	20	
	0+60N	Grey	Clay	10	
	0+50N	Grey	Mud	30	
	0+40N	Brown	Mud	30	
	0+30N	Brown	Gritty Mud	20	
	0+20N	Brown	Gritty Mud	30	
	0+10N	Rusty	Gritty	40	
	0+00	Brown	Mud	40	
	0+10S	Grey	Mud	30	
	0+20S			No Sample	Exposed Bedrock
	0+30S			No Sample	Exposed Bedrock
	0+40S	Grey	Clay	20	
	0+50S	Brown	Wet Gritty Mud	30	
	0+60S	Brown	Gritty	30	Taken from Trench
	0+70S			No Sample	
	0+80S	Dark Brown	Smooth Mud	40	
	0+90S	Brown	Gritty	20	
	1+00S	Grey	Clay	20	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
4+00W	1+00N	Rusty	Dry Gritty	35	
	0+90N	Brown	Mud	20	
	0+80N	Rusty	Mud	20	
	0+70N	Brown	Wet Mud	30	
	0+60N	Rusty	Mud	20	
	0+50N	Rusty	Dry Gritty	30	
	0+40N	Brown Rusty	Mud	40	
	0+30N	Rusty	Mud	30	
	0+20N	Grey Rusty	Mud	40	
	0+10N	Grey	Clay	20	
	0+00	Grey	Clay	30	
4+20W	0+00	Grey	Clay	20	Very Steep
	0+10S	Grey	Clay	30	Very Steep
	0+20S	Grey	Clay	40	Very Steep
	0+30S	Grey	Clay	30	Very Steep
0+20E	1+00N	Grey	Clay	30	
	0+90N	Dark Brown	Gritty	20	
	0+80N	Brown	Muddy	30	
	0+70N	Grey	Muddy	20	
	0+60N	Dark Brown	Muddy	40	
	0+50N	Dark Brown	Muddy	30	
	0+40N	Rusty	Gritty	40	
	0+30N	Grey	Clay	30	
	0+20N	Grey	Clay	45	
	0+10N	Brown	Gritty	50	
	0+00			No Sample	
	0+10S			No Sample	
	0+20S	Rusty	Clay	50	
	0+30S	Rusty	Gritty	40	
	0+40S	Grey	Clay	10	
	0+50S	Grey	Muddy	20	
	0+60S	Rusty	Gritty	30	
	0+70S	Brown	Muddy	30	
	0+80S	Rusty	Gritty	20	
	0+90S			No Sample	
	1+00S	Brown	Muddy	75	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
0+40E	1+00N	Red Brown	Mud	30	
	0+90N	Dark Brown, Grey	Mud & Clay		
	0+80N	Red Brown	Mud	30	
	0+70N			No Sample	
	0+60N	Light/Dark Brown, Grey	Mud	75	
	0+50N	Light/Dark Brown, Grey	Mud	60	
	0+40N	Light/Dark Brown, Grey	Mud & Clay	30	
	0+30N	Red Brown	Mud & Clay	60	
	0+20N	Red Brown	Mud	30	
	0+10N	Red Brown	Mud	45	
	0+00	Red Brown	Mud	45	
	0+10S	Red Brown	Mud	45	
	0+20S	Red/Dark Brown	Mud	45	
	0+30S	Red/Dark Brown	Mud	45	
	0+40S	Dark Brown	Mud	75	
	0+50S	Light/Dark Brown, Grey	Mud & Clay	30	
	0+60S	Red Brown	Mud	75	
	0+70S	Grey	Mud	60	
	0+80S	Red/Dark Brown	Mud	40	
	0+90S	Red Brown	Mud	30	
	1+00S	Red Brown	Mud	30	

0+60E	1+00N	Red Brown	Muddy	45	
	0+90N	Red Brown	Muddy	30	
	0+80N	Red Brown	Muddy	25	
	0+70N	Red Brown	Muddy	45	
	0+60N	Red Brown	Muddy	20	
	0+50N	Red Brown	Muddy	30	
	0+40N	Red Brown, Grey	Muddy	20	
	0+30N	Red Brown, Grey	Clay	25	
	0+20N	Red Brown, Grey	Muddy	30	
	0+10N	Red Brown	Muddy	75	
	0+00	Grey	Clay	25	
	0+10S	Red Brown	Muddy	20	
	0+20S	Red Brown	Muddy	30	
	0+30S	Red Brown	Muddy	60	
	0+40S	Red Brown	Muddy	45	
	0+50S	Dark/Red Brown	Muddy	63	
	0+60S	Light/Red Brown	Muddy	20	
	0+70S	Red Brown	Muddy	30	
	0+80S	Mixed Brown	Muddy	75	
	0+90S	Red Brown	Muddy	60	
	1+00S	Light/Dark Brown	Muddy	75	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
0+80E	1+00N			No Sample	
	0+90N	Dark Brown	Rock Inclusion	30	
	0+80N	Dark Brown	Rock Inclusion	45	
	0+70N	Dark Brown	Muddy	53	
	0+60N			No Sample	
	0+50N	Dark Brown	Muddy	25	
	0+40N			No Sample	
	0+30N			No Sample	
	0+20N			No Sample	
	0+10N	Dark Brown	Muddy	30	
	0+00	Dark Brown	Muddy	10	
	0+10S			No Sample	
	0+20S	Red Brown	Muddy	20	
	0+30S	Red Brown	Muddy	45	
	0+40S	Dark Brown, Grey	Muddy	45	
	0+50S	Grey	Clay	45	
	0+60S	Red Brown	Muddy	110	
	0+70S	Dark Brown	Muddy	45	
	0+80S	Light Brown		45	
	0+90S			No Sample	
	1+00S	Red Brown	Muddy	45	

1+00E	1+00N			No Sample	
	0+90N			No Sample	
	0+80N			No Sample	
	0+70N			No Sample	
	0+60N	Dark Brown	Muddy	30	
	0+50N	Dark Brown	Muddy	30	
	0+40N	Dark Brown	Muddy	25	
	0+30N	Dark Brown	Muddy	25	
	0+20N	Dark Brown	Muddy	30	
	0+10N	Dark Brown	Muddy	25	
	0+00	Dark Brown	Muddy	25	
	0+10S	Red Brown	Muddy	25	
	0+20S	Red Brown	Muddy	25	
	0+30S	Dark Brown	Muddy	30	
	0+40S	Dark Brown	Muddy	30	
	0+50S	Red Brown	Muddy	30	
	0+60S			No Sample	
	0+70S	Dark Brown	Muddy	30	
	0+80S	Dark Brown	Muddy	30	
	0+90S	Light Brown	Muddy	30	
	1+00S	Light Brown	Muddy	25	

NUGGET QUEEN '95
SOIL SAMPLE DESCRIPTIONS

LINE	STATION	COLOUR	TEXT	DEPTH (cm)	OTHER
2+00E	1+00N	Red Brown	Muddy	30	
	0+90N	Dark Brown	Muddy	30	
	0+80N	Dark Brown	Muddy	30	
	0+70N	Red Brown	Muddy	25	
	0+60N	Dark Brown	Muddy	25	
	0+50N			No Sample	
	0+40N			No Sample	
	0+30N	Dark Brown	Muddy	25	
	0+20N	Dark Brown	Muddy	30	
	0+10N	Dark Brown	Muddy	30	
	0+00	Dark Brown	Muddy	30	
	0+10S	Red Brown	Muddy	30	
	0+20S	Red Brown	Muddy	30	
	0+30S	Red Brown	Muddy	30	
	0+40S	Dark Brown	Muddy	30	
	0+50S	Red Brown	Muddy	30	
	0+60S	Dark Brown	Muddy	30	
	0+70S	Dark Brown	Muddy	30	
	0+80S	Dark Brown	Muddy	30	
	0+90S	Light Brown	Muddy	30	
	1+00S	Light Brown	Muddy	30	

6-Dec-95

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

FEED FAX THIS END

FAX

To: Jeff
Dept.:
Fax No.: 681-1533
No. of Pages: 10
From: Diane
Date: Dec 8/95
Company:
Fax No.:
Comments: ICP 1105

Post-it® fax pad 7903

ASHWORTH EXPLORATION LTD. AK 95-1125
405-609 HASTINGS ST. W
VANCOUVER, B.C.
V6B 4W4

ATTENTION: Mr. Fayz Yacoub

329 Soil samples received Nov. 21, 1995
PROJECT #: None given
SHIPMENT #: None given

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L0+00- 0+40 S	<5	<.2	4.93	10	20	5	0.12	<1	6	39	18	2.96	<10	0.13	51	<1	0.01	6	500	30	<5	<20	8	0.10	<10	133	<10	4	26
2	L0+00- 0+50 S	<5	<.2	1.63	<5	30	20	0.07	1	10	26	12	10.30	<10	0.11	109	2	<.01	2	20	36	<5	<20	2	0.25	<10	294	<10	<1	36
3	L0+00- 0+60 S	<5	<.2	2.00	<5	15	<5	0.10	<1	6	19	11	2.11	<10	0.20	106	<1	0.01	5	190	10	<5	<20	6	0.10	<10	76	<10	<1	32
4	L0+00- 0+70 S	<5	<.2	3.18	10	30	<5	0.16	<1	8	26	34	2.22	<10	0.23	138	<1	0.01	13	580	28	<5	<20	11	0.11	<10	95	<10	3	56
5	L0+00- 0+80 S	60	<.2	3.54	20	35	5	0.11	<1	21	31	43	4.00	<10	0.10	844	2	<.01	8	300	260	<5	<20	5	0.11	<10	157	<10	2	85
6	L0+00- 0+90 S	<5	<.2	3.07	<5	25	25	0.08	<1	12	60	18	7.35	<10	0.07	76	<1	<.01	7	90	22	<5	<20	3	0.32	<10	205	<10	<1	41
7	L0+00- 1+00 S	<5	<.2	6.17	<5	40	20	0.11	<1	19	123	45	6.84	<10	1.14	388	<1	<.01	16	240	30	<5	<20	4	0.40	<10	130	<10	2	71
8	L0+00- 0+10 N	10	<.2	0.59	<5	15	<5	0.02	<1	2	11	67	1.63	<10	0.04	29	9	<.01	5	110	14	<5	<20	1	0.04	<10	89	<10	<1	64
9	L0+00- 0+20 N	<5	<.2	0.11	<5	<5	<5	0.03	<1	<1	2	23	0.07	<10	<.01	9	2	<.01	<1	90	4	<5	<20	<1	<.01	<10	4	<10	<1	36
10	L0+00- 0+30 N	<5	<.2	0.78	<5	15	<5	0.04	<1	2	16	15	0.82	<10	0.05	20	2	<.01	2	230	18	<5	<20	8	0.04	<10	31	<10	1	26
11	L0+00- 0+40 N	<5	<.2	0.24	<5	15	10	0.03	<1	4	2	7	0.65	<10	0.08	29	<1	<.01	<1	30	8	<5	<20	<1	0.26	<10	52	<10	4	16
12	L0+00- 0+60 N	<5	<.2	1.54	<5	15	<5	0.07	<1	3	26	26	0.30	<10	0.14	33	<1	<.01	3	220	12	<5	<20	6	0.09	<10	32	<10	3	19
13	L0+00- 0+70 N	<5	<.2	2.35	10	10	5	0.11	<1	4	25	30	0.52	<10	0.18	55	<1	<.01	4	310	16	<5	<20	6	0.09	<10	58	<10	3	35
14	L0+00- 0+80 N	<5	<.2	3.13	10	10	<5	0.08	<1	5	40	66	0.76	<10	0.22	56	<1	<.01	8	330	12	<5	<20	3	0.13	<10	83	<10	5	28
15	L0+00- 0+90 N	<5	<.2	0.59	<5	10	5	0.06	<1	4	16	11	1.15	<10	0.10	29	<1	<.01	3	70	10	<5	<20	2	0.18	<10	76	<10	1	20
16	L0+00- 1+00 N	<5	<.2	0.65	<5	10	5	0.09	<1	3	13	16	1.16	<10	0.15	47	<1	<.01	5	200	6	<5	<20	4	0.06	<10	39	<10	<1	28
17	L0+20E- 0+10 N	180	3.0	3.35	55	55	<5	0.16	6	11	33	169	6.13	<10	0.32	313	26	<.01	36	580	640	<5	<20	15	0.11	<10	147	<10	4	352
18	L0+20E- 0+20 N	<5	<.2	0.88	<5	40	15	0.09	<1	5	18	9	4.79	<10	0.13	53	15	<.01	2	<10	24	<5	<20	12	0.18	<10	324	<10	<1	55
19	L0+20E- 0+30 N	<5	<.2	1.16	<5	15	5	0.17	<1	4	19	9	0.99	<10	0.10	65	<1	<.01	3	110	22	<5	<20	7	0.16	<10	79	<10	2	37
20	L0+20E- 0+40 N	<5	<.2	5.18	10	25	5	0.15	<1	5	40	16	3.75	<10	0.19	101	3	0.01	9	500	14	<5	<20	7	0.11	<10	85	<10	7	49
21	L0+20E- 0+50 N	<5	<.2	1.87	<5	20	5	0.13	<1	5	17	10	2.99	<10	0.08	319	<1	<.01	4	190	8	<5	<20	4	0.13	<10	65	<10	2	34
22	L0+20E- 0+60 N	<5	<.2	1.88	55	35	15	0.14	<1	10	30	16	7.78	<10	0.15	346	5	<.01	7	260	4	<5	<20	4	0.10	<10	108	<10	<1	48
23	L0+20E- 0+70 N	<5	<.2	0.24	<5	10	5	0.07	<1	3	15	13	0.20	<10	0.02	15	<1	<.01	<1	90	10	<5	<20	6	0.14	<10	20	<10	1	30
24	L0+20E- 0+80 N	<5	<.2	0.90	<5	20	15	0.11	<1	10	34	16	5.45	<10	0.30	80	<1	<.01	9	30	10	<5	<20	3	0.29	<10	256	<10	<1	35
25	L0+20E- 0+90 N	5	<.2	1.77	<5	20	5	0.23	<1	6	28	17	3.54	<10	0.17	122	<1	0.01	5	220	8	<5	<20	10	0.09	<10	141	<10	<1	40

ASHWORTH EXPLORATION LTD. AK 95-1125 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	L0+20E- 1+00 N	<5	<.2	0.87	<5	<5	10	0.10	<1	10	36	4	1.41	<10	0.75	148	<1	<.01	22	50	6	10	<20	<1	0.20	<10	65	<10	<1	29
27	L0+20E- 0+20 S	<5	<.2	2.02	<5	40	15	0.06	<1	10	77	10	5.86	<10	0.99	200	<1	<.01	16	60	28	<5	<20	10	0.20	<10	162	<10	<1	59
28	L0+20E- 0+30 S	<5	<.2	3.67	<5	35	15	0.04	<1	9	36	21	8.18	<10	0.17	85	1	<.01	4	120	20	<5	<20	4	0.22	<10	211	<10	<1	45
29	L0+20E- 0+40 S	<5	<.2	0.40	<5	10	5	0.06	<1	3	9	2	0.86	<10	0.10	35	<1	<.01	2	40	22	<5	<20	3	0.13	<10	43	<10	<1	15
30	L0+20E- 0+50 S	<5	<.2	0.79	<5	10	5	0.07	<1	3	16	5	1.21	<10	0.41	126	<1	<.01	3	250	24	<5	<20	5	0.05	<10	46	<10	<1	56
31	L0+20E- 0+60 S	<5	<.2	4.02	<5	25	10	0.08	<1	8	43	14	5.91	<10	0.08	75	<1	<.01	4	170	20	<5	<20	5	0.19	<10	170	<10	<1	40
32	L0+20E- 0+70 S	<5	<.2	2.52	<5	20	5	0.09	<1	8	39	15	4.09	<10	0.15	60	<1	<.01	6	130	32	<5	<20	5	0.21	<10	145	<10	<1	35
33	L0+20E- 0+80 S	170	<.2	1.85	<5	30	30	0.12	2	15	44	28	9.94	<10	0.01	74	<1	<.01	8	70	46	<5	<20	<1	0.42	<10	265	<10	<1	64
34	L0+20E- 1+00 S	5	1.8	0.99	<5	<5	5	0.08	<1	4	29	9	0.84	<10	0.11	33	<1	<.01	4	130	46	<5	<20	<1	0.14	<10	70	<10	2	26
35	L0+40E- 0+00 BL	<5	<.2	0.99	<5	35	5	0.16	2	3	17	24	2.87	<10	0.18	98	7	<.01	10	440	124	<5	<20	8	0.06	<10	94	<10	<1	184
36	L0+40E- 0+10 N	<5	<.2	1.17	<5	10	<5	0.07	<1	3	22	8	0.77	<10	0.10	31	<1	<.01	3	150	10	<5	<20	4	0.08	<10	61	<10	1	10
37	L0+40E- 0+20 N	<5	<.2	1.03	<5	45	20	0.11	1	13	36	10	9.59	<10	0.28	177	<1	0.01	8	70	16	<5	<20	6	0.23	<10	355	<10	<1	52
38	L0+40E- 0+30 N	<5	<.2	1.20	5	20	<5	0.30	<1	2	20	25	0.59	<10	0.09	35	<1	0.02	4	500	12	<5	<20	9	0.03	<10	47	<10	2	58
39	L0+40E- 0+40 N	<5	<.2	1.44	<5	15	10	0.09	<1	6	28	5	1.67	<10	0.21	53	<1	<.01	5	100	12	<5	<20	6	0.19	<10	80	<10	2	19
40	L0+40E- 0+50 N	<5	<.2	1.46	<5	15	10	0.06	<1	5	31	4	2.47	<10	0.03	28	<1	<.01	2	80	10	<5	<20	4	0.17	<10	161	<10	<1	14
41	L0+40E- 0+60 N	<5	<.2	4.01	15	15	<5	0.12	<1	3	33	8	0.65	<10	0.09	35	<1	0.01	3	320	18	<5	<20	9	0.08	<10	77	<10	4	13
42	L0+40E- 0+80 N	<5	<.2	1.23	<5	10	<5	0.06	<1	2	21	6	0.74	<10	0.05	21	<1	<.01	1	140	8	<5	<20	5	0.06	<10	34	<10	1	18
43	L0+40E- 0+90 N	<5	<.2	0.79	<5	5	10	0.07	<1	5	31	4	0.39	<10	0.09	30	<1	<.01	2	60	10	<5	<20	3	0.23	<10	111	<10	3	20
44	L0+40E- 1+00 N	<5	<.2	0.76	<5	30	<5	0.11	1	4	17	9	1.73	<10	0.21	75	<1	0.02	3	370	8	<5	<20	7	0.08	<10	96	<10	<1	64
45	L0+40E- 0+10 S	<5	<.2	0.79	<5	20	<5	0.04	<1	2	14	3	1.06	<10	0.35	89	<1	<.01	1	130	14	<5	<20	6	0.05	<10	49	<10	<1	25
46	L0+40E- 0+20 S	<5	<.2	0.38	<5	10	5	0.05	<1	2	9	2	0.13	<10	0.04	17	<1	<.01	<1	90	14	<5	<20	7	0.11	<10	23	<10	2	13
47	L0+40E- 0+30 S	<5	<.2	0.82	<5	10	<5	0.07	<1	3	22	4	0.29	<10	0.05	22	<1	<.01	1	90	16	<5	<20	5	0.12	<10	35	<10	2	12
48	L0+40E- 0+40 S	<5	0.4	0.83	<5	20	<5	0.23	<1	2	10	8	1.73	<10	0.03	46	1	0.01	3	820	24	<5	<20	7	0.01	<10	22	<10	<1	66
49	L0+40E- 0+50 S	<5	<.2	1.17	<5	20	<5	0.15	<1	2	15	7	0.84	<10	0.09	36	<1	0.02	2	210	14	<5	<20	11	0.06	<10	27	<10	2	23
50	L0+40E- 0+60 S	<5	<.2	0.77	<5	15	<5	0.11	<1	2	12	8	0.97	<10	0.07	41	<1	<.01	2	360	26	<5	<20	7	0.06	<10	45	<10	<1	41
51	L0+40E- 0+70 S	<5	<.2	1.85	<5	20	10	0.10	<1	5	28	10	2.96	<10	0.09	34	<1	<.01	3	130	28	<5	<20	4	0.16	<10	168	<10	<1	23
52	L0+40E- 0+80 S	80	0.8	4.97	15	20	<5	0.10	<1	20	52	53	2.91	<10	0.08	172	1	0.01	10	600	190	<5	<20	5	0.11	<10	126	<10	7	63
53	L0+40E- 0+90 S	<5	0.6	0.50	<5	15	<5	0.43	<1	3	8	7	0.93	<10	0.09	97	<1	0.03	3	370	14	<5	<20	15	0.03	<10	25	<10	<1	96
54	L0+40E- 1+00 S	<5	<.2	1.41	<5	30	15	0.09	<1	8	29	13	6.01	<10	0.09	48	<1	0.02	5	140	60	<5	<20	5	0.22	<10	154	<10	<1	61
55	L0+60E- 0+00	<5	<.2	1.03	<5	20	<5	0.13	<1	2	10	6	0.50	<10	0.16	73	3	<.01	5	400	10	<5	<20	14	0.03	<10	22	<10	3	33
56	L0+60E- 0+10 N	<5	<.2	4.94	10	85	15	0.47	2	11	22	14	8.85	<10	0.10	643	17	<.01	11	760	16	<5	<20	21	0.06	<10	128	<10	<1	102
57	L0+60E- 0+20 N	<5	<.2	2.01	<5	30	15	0.10	<1	38	40	12	5.70	<10	0.28	705	2	0.01	8	130	10	<5	<20	6	0.14	<10	183	<10	<1	40
58	L0+60E- 0+30 N	<5	<.2	0.75	65	45	10	0.16	<1	22	12	15	6.07	<10	0.16	943	30	0.02	16	230	18	<5	<20	5	0.05	<10	200	<10	<1	84
59	L0+60E- 0+40 N	<5	<.2	0.57	<5	10	<5	0.07	<1	3	13	6	0.58	<10	0.15	49	<1	0.02	4	240	8	<5	<20	4	0.06	<10	28	<10	<1	50
60	L0+60E- 0+50 N	<5	<.2	0.26	<5	10	5	0.15	<1	6	28	4	1.86	<10	0.13	69	<1	<.01	8	70	4	<5	<20	4	0.15	<10	162	<10	<1	61

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	L0+60E- 0+60 N	<5	<.2	1.33	<5	10	<5	0.06	<1	4	32	9	1.14	<10	0.18	41	<1	<.01	5	280	10	<5	<20	2	0.09	<10	78	<10	2	27
62	L0+60E- 0+70 N	<5	<.2	0.13	<5	20	<5	0.34	<1	<1	3	7	0.15	<10	0.12	70	<1	0.05	3	400	10	5	<20	23	<.01	<10	5	<10	<1	135
63	L0+60E- 0+80 N	<5	<.2	1.71	<5	20	10	0.15	<1	5	38	15	2.08	<10	0.27	74	<1	0.03	8	330	12	<5	<20	11	0.09	<10	138	<10	1	54
64	L0+60E- 1+00 N	<5	<.2	0.89	<5	15	<5	0.11	<1	1	17	25	0.60	<10	0.06	27	<1	0.02	4	510	10	<5	<20	5	0.02	<10	25	<10	1	80
65	L0+60E- 0+10 S	<5	<.2	1.16	<5	25	10	0.13	<1	5	19	18	3.83	<10	0.12	102	1	0.01	4	340	16	<5	<20	6	0.09	<10	122	<10	<1	48
66	L0+60E- 0+20 S	<5	<.2	1.10	<5	15	<5	0.09	<1	4	19	10	1.31	<10	0.16	46	<1	<.01	5	240	30	<5	<20	5	0.08	<10	44	<10	<1	26
67	L0+60E- 0+30 S	<5	<.2	1.04	<5	15	5	0.08	<1	3	19	11	1.22	<10	0.15	39	<1	<.01	5	230	30	<5	<20	5	0.07	<10	39	<10	<1	26
68	L0+60E- 0+40 S	<5	<.2	2.62	<5	30	20	0.07	1	8	41	11	5.90	<10	0.07	54	<1	<.01	4	80	18	<5	<20	5	0.19	<10	159	<10	<1	24
69	L0+60E- 0+50 S	<5	<.2	0.51	<5	20	5	0.04	<1	2	8	12	1.22	<10	0.15	49	<1	<.01	1	120	30	<5	<20	9	0.07	<10	63	<10	<1	22
70	L0+60E- 0+60 S	<5	<.2	4.30	10	20	<5	0.19	<1	5	27	25	0.83	<10	0.17	55	<1	0.02	7	590	104	10	<20	10	0.07	<10	33	<10	5	43
71	L0+60E- 0+70 S	85	3.4	3.86	<5	60	20	0.14	2	218	53	40	14.10	<10	0.01	>10000	11	<.01	6	460	3604	<5	<20	4	0.13	<10	213	<10	<1	104
72	L0+60E- 0+80 S	370	<.2	3.82	<5	25	10	0.13	<1	7	53	20	4.08	<10	0.17	76	<1	0.02	12	230	96	<5	<20	9	0.15	<10	108	<10	<1	33
73	L0+60E- 0+90 S	255	0.4	3.77	15	25	10	0.18	<1	6	39	25	3.29	<10	0.09	48	<1	0.02	5	260	108	<5	<20	8	0.13	<10	85	<10	<1	52
74	L0+60E- 1+00 S	<5	<.2	2.28	<5	40	20	0.16	<1	44	45	13	6.33	<10	0.18	1930	<1	0.01	7	170	24	<5	<20	6	0.27	<10	135	<10	<1	41
75	L0+80E- 1+10 N	<5	<.2	2.27	<5	35	15	0.16	<1	44	45	13	6.32	<10	0.18	1971	<1	0.01	7	160	22	<5	<20	6	0.27	<10	134	<10	<1	40
76	L0+80E- 0+50 N	<5	<.2	2.00	<5	70	20	0.11	<1	26	34	12	6.68	<10	0.11	735	5	<.01	7	70	12	<5	<20	10	0.29	<10	202	<10	<1	59
77	L0+80E- 0+70 N	<5	<.2	0.50	<5	10	<5	0.13	<1	3	35	10	0.47	<10	0.20	61	<1	<.01	10	250	6	5	<20	5	0.05	<10	26	<10	<1	31
78	L0+80E- 0+80 N	<5	<.2	1.23	<5	15	5	0.13	<1	5	40	13	0.70	<10	0.27	61	<1	<.01	7	210	12	<5	<20	6	0.14	<10	48	<10	3	21
79	L0+80E- 0+90 N	<5	<.2	2.56	<5	10	5	0.09	<1	5	42	6	1.58	<10	0.07	37	<1	0.01	3	170	16	<5	<20	6	0.16	<10	110	<10	3	12
80	L0+80E- 0+00 S	<5	<.2	0.26	<5	10	<5	0.09	<1	3	17	5	1.09	<10	0.03	39	<1	0.02	3	50	12	<5	<20	8	0.07	<10	104	<10	<1	26
81	L0+80E- 0+20 S	<5	<.2	0.57	<5	15	5	0.08	<1	6	15	3	1.07	<10	0.16	56	<1	<.01	5	100	14	<5	<20	4	0.24	<10	76	<10	2	26
82	L0+80E- 0+30 S	5	<.2	1.64	<5	25	10	0.13	<1	5	21	8	3.22	<10	0.14	80	<1	0.01	3	170	30	<5	<20	7	0.12	<10	122	<10	<1	27
83	L0+80E- 0+40 S	<5	0.4	2.48	<5	20	10	0.08	<1	4	22	14	2.16	<10	0.20	77	<1	<.01	4	240	92	<5	<20	6	0.12	<10	97	<10	2	29
84	L0+80E- 0+50 S	<5	<.2	0.53	<5	20	10	0.07	<1	4	14	3	0.46	<10	0.12	40	<1	<.01	2	80	74	<5	<20	5	0.20	<10	50	<10	2	17
85	L0+80E- 0+60 S	135	<.2	4.69	15	20	<5	0.13	<1	5	40	30	2.65	<10	0.19	60	<1	0.01	6	380	188	<5	<20	8	0.11	<10	91	<10	3	38
86	L0+80E- 0+70 S	75	<.2	3.53	10	35	10	0.25	<1	10	42	14	3.06	<10	0.23	100	<1	0.02	15	190	62	<5	<20	9	0.17	<10	113	<10	1	68
87	L0+80E- 0+80 S	75	<.2	2.16	<5	40	25	0.18	<1	21	52	42	5.20	<10	1.11	320	<1	0.02	19	120	40	<5	<20	9	0.49	<10	200	<10	2	84
88	L0+80E- 1+00 S	<5	1.4	3.57	<5	90	35	0.30	2	216	67	23	> 15	<10	0.02	>10000	12	0.02	9	400	14	<5	<20	6	0.14	<10	188	<10	<1	56
89	L0+20W- 0+20 N	<5	<.2	1.38	<5	15	<5	0.10	<1	2	22	23	0.41	<10	0.05	35	<1	<.01	6	330	14	<5	<20	6	0.03	<10	38	<10	2	30
90	L0+20W- 0+30 N	<5	<.2	1.24	<5	10	<5	0.06	<1	1	16	15	0.64	<10	0.03	21	<1	0.02	3	550	10	<5	<20	5	0.01	<10	55	<10	2	90
91	L0+20W- 0+40 N	<5	<.2	1.41	<5	10	<5	0.04	<1	1	27	15	0.45	<10	0.04	13	<1	<.01	3	370	10	<5	<20	4	0.03	<10	33	<10	1	50
92	L0+20W- 0+50 N	<5	<.2	2.06	<5	20	<5	0.10	<1	3	59	30	1.99	<10	0.14	32	<1	<.01	6	380	10	<5	<20	6	0.04	<10	79	<10	<1	30
93	L0+20W- 0+60 N	<5	<.2	0.90	<5	10	10	0.09	<1	6	25	5	0.57	<10	0.30	57	<1	<.01	8	80	10	<5	<20	4	0.17	<10	50	<10	3	17
94	L0+20W- 0+70 N	<5	<.2	0.54	<5	15	10	0.08	<1	3	15	6	1.43	<10	0.09	36	<1	0.02	3	300	8	<5	<20	6	0.07	<10	30	<10	<1	40
95	L0+20W- 0+80 N	<5	<.2	1.49	<5	10	<5	0.11	<1	1	26	23	0.23	<10	0.03	16	<1	0.02	3	330	10	<5	<20	6	0.02	<10	31	<10	1	37

ASHWORTH EXPLORATION LTD. AK 95-1125 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	L0+20W- 0+90 N	<5	<.2	0.95	<5	10	<5	0.06	<1	2	15	7	0.23	<10	0.06	18	<1	<.01	3	200	8	<5	<20	4	0.06	<10	20	<10	1	21
97	L0+20W- 1+00 N	<5	<.2	3.23	<5	25	15	0.08	<1	7	43	7	4.37	<10	0.09	51	<1	0.01	5	140	16	<5	<20	6	0.15	<10	149	<10	<1	20
98	L0+20W- 0+10 S	<5	<.2	1.36	<5	15	<5	0.09	<1	2	21	22	0.41	<10	0.05	24	<1	<.01	6	310	14	<5	<20	6	0.02	<10	38	<10	2	29
99	L0+20W- 0+20 S	<5	0.6	0.23	<5	35	<5	0.68	1	1	2	6	0.88	<10	0.04	50	4	0.02	3	310	34	<5	<20	30	0.02	<10	38	<10	<1	108
100	L0+20W- 0+30 S	<5	<.2	2.53	<5	20	15	0.08	<1	6	33	14	3.10	<10	0.08	31	<1	<.01	4	150	26	<5	<20	4	0.18	<10	148	<10	4	44
101	L0+20W- 0+60 S	<5	<.2	3.89	5	40	15	0.03	<1	8	41	25	8.02	<10	0.13	71	6	<.01	6	140	22	<5	<20	3	0.07	<10	181	<10	<1	34
102	L0+20W- 0+70 S	<5	<.2	5.39	15	50	10	0.04	<1	8	40	29	5.19	<10	0.39	127	4	<.01	6	270	26	<5	<20	5	0.07	<10	110	<10	<1	61
103	L0+20W- 0+80 S	5	<.2	3.99	40	35	10	0.38	<1	12	29	22	3.27	<10	0.29	207	3	0.02	22	1070	120	<5	<20	13	0.10	<10	79	<10	6	207
104	L0+20W- 0+90 S	65	<.2	3.64	10	25	10	0.07	<1	9	34	29	3.30	<10	0.18	105	6	<.01	13	330	50	<5	<20	4	0.13	<10	126	<10	5	96
105	L0+20W- 1+00 S	<5	<.2	1.22	10	40	20	0.05	<1	15	41	23	8.43	<10	0.07	85	2	<.01	12	30	12	<5	<20	2	0.35	<10	271	<10	<1	58
106	L0+40W- 0+00 BL	235	<.2	4.88	<5	35	5	0.19	<1	12	44	31	5.24	<10	0.37	128	2	0.02	20	460	90	<5	<20	12	0.16	<10	134	<10	4	247
107	L0+40W- 0+10 N	445	<.2	5.57	30	55	15	0.03	<1	7	44	27	7.30	<10	0.16	64	17	<.01	10	280	54	<5	<20	3	0.10	<10	180	<10	<1	161
108	L0+40W- 0+20 N	65	<.2	0.44	<5	10	<5	0.02	<1	<1	3	1	0.26	<10	0.02	12	4	<.01	<1	40	8	<5	<20	1	0.03	<10	20	<10	<1	19
109	L0+40W- 0+30 N	<5	<.2	2.55	20	20	<5	0.05	<1	3	24	13	0.79	<10	0.16	36	4	<.01	4	190	32	<5	<20	5	0.08	<10	73	<10	4	50
110	L0+40W- 0+40 N	<5	<.2	0.84	<5	15	<5	0.09	<1	1	14	8	0.58	<10	0.02	18	<1	0.02	3	460	10	<5	<20	8	0.04	<10	29	<10	2	59
111	L0+40W- 0+50 N	<5	<.2	1.17	<5	10	10	0.07	<1	4	60	10	0.27	<10	0.14	34	<1	<.01	4	110	12	<5	<20	6	0.20	<10	45	<10	3	20
112	L0+40W- 0+60 N	<5	<.2	1.55	<5	15	<5	0.12	<1	1	33	19	0.66	<10	0.03	21	<1	0.02	4	510	10	<5	<20	8	0.01	<10	37	<10	1	89
113	L0+40W- 0+80 N	<5	<.2	0.48	<5	10	5	0.06	<1	3	17	4	0.48	<10	0.15	33	<1	<.01	3	110	8	<5	<20	3	0.08	<10	24	<10	1	18
114	L0+40W- 0+90 N	<5	<.2	1.15	<5	30	10	0.09	<1	8	22	7	2.06	<10	0.36	197	<1	<.01	5	140	10	<5	<20	5	0.19	<10	84	<10	2	39
115	L0+40W- 1+00 N	<5	<.2	1.70	<5	15	5	0.09	<1	3	27	12	0.52	<10	0.13	44	<1	0.02	5	230	12	<5	<20	6	0.07	<10	31	<10	2	37
116	L0+40W- 0+10 S	<5	<.2	3.45	<5	45	15	0.09	<1	10	39	17	7.65	<10	0.09	44	6	<.01	7	110	64	<5	<20	6	0.28	<10	315	<10	<1	103
117	L0+40W- 0+20 S	<5	<.2	6.21	20	60	10	0.12	<1	10	41	37	4.28	<10	0.28	123	2	0.01	24	350	44	<5	<20	12	0.18	<10	137	<10	8	143
118	L0+40W- 0+30 S	<5	<.2	3.37	<5	40	20	0.09	<1	9	52	19	6.20	<10	0.20	104	<1	0.01	9	140	30	<5	<20	5	0.19	<10	195	<10	<1	50
119	L0+40W- 0+40 S	<5	<.2	5.94	10	30	15	0.12	<1	8	48	22	3.99	<10	0.13	66	<1	0.01	7	250	34	<5	<20	9	0.18	<10	135	<10	4	37
120	L0+40W- 0+50 S	<5	<.2	4.23	<5	30	15	0.10	<1	8	38	14	4.63	<10	0.11	63	<1	0.02	5	190	26	<5	<20	7	0.19	<10	160	<10	1	35
121	L0+40W- 0+70 S	<5	<.2	0.86	25	35	20	0.12	1	11	42	14	6.05	<10	0.06	71	4	<.01	8	50	30	<5	<20	5	0.28	<10	249	<10	<1	46
122	L0+40W- 0+80 S	<5	<.2	1.57	<5	25	10	0.08	<1	6	28	11	4.14	<10	0.08	39	<1	<.01	4	80	34	<5	<20	5	0.12	<10	178	<10	<1	44
123	L0+40W- 0+90 S	<5	0.6	4.52	20	35	5	0.10	<1	13	44	25	4.70	<10	0.09	395	2	0.01	17	310	38	<5	<20	6	0.11	<10	141	<10	12	75
124	L0+40W- 1+00 S	>1000	4.4	1.52	35	35	15	0.09	<1	9	20	18	2.82	<10	0.26	69	<1	<.01	8	80	166	<5	<20	6	0.32	<10	150	<10	4	90
125	0T+60W- 0+00 BL	<5	<.2	0.37	10	35	5	0.02	<1	3	6	6	1.64	<10	0.07	38	16	<.01	4	30	10	<5	<20	4	0.08	<10	212	<10	<1	47
126	0T+60W- 0+10 N	105	0.2	0.10	5	15	<5	0.04	<1	<1	1	2	0.47	<10	<.01	21	5	<.01	2	80	6	<5	<20	2	<.01	<10	24	<10	<1	27
127	0T+60W- 0+20 N	<5	<.2	0.09	<5	10	<5	0.02	<1	<1	2	<1	0.11	<10	<.01	20	2	<.01	<1	130	2	<5	<20	1	0.01	<10	7	<10	<1	18
128	L0+60W- 0+30 N	<5	<.2	0.25	5	20	10	0.02	<1	4	4	10	2.00	<10	0.01	80	22	<.01	8	100	2	<5	<20	3	0.06	<10	175	<10	<1	79
129	L0+60W- 0+50 N	<5	<.2	1.39	<5	15	15	0.08	<1	7	39	3	1.17	<10	0.11	34	<1	<.01	3	30	16	<5	<20	4	0.35	<10	163	<10	3	18
130	L0+60W- 0+60 N	<5	<.2	1.45	5	10	<5	0.08	<1	4	23	7	0.47	<10	0.19	49	<1	<.01	5	210	12	<5	<20	4	0.08	<10	33	<10	2	24

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
131	L0+60W- 0+70 N	<5	<.2	0.72	<5	15	10	0.21	<1	7	28	5	0.90	<10	0.34	85	<1	<.01	7	150	12	<5	<20	12	0.19	<10	57	<10	3	36
132	L0+60W- 1+00 N	<5	<.2	0.33	<5	5	5	0.07	<1	3	8	3	0.28	<10	0.09	30	<1	<.01	2	80	6	<5	<20	3	0.08	<10	23	<10	2	13
133	L0+60W- 0+10 S	<5	<.2	3.60	20	70	20	0.06	1	11	46	18	8.07	<10	0.26	87	9	<.01	16	130	56	<5	<20	5	0.27	<10	267	<10	<1	302
134	L0+60W- 0+20 S	<5	<.2	1.27	<5	25	5	0.11	<1	5	18	7	1.99	<10	0.10	44	<1	<.01	4	110	36	<5	<20	8	0.14	<10	111	<10	1	39
135	L0+60W- 0+30 S	<5	<.2	2.30	5	50	<5	0.11	<1	7	27	12	2.77	<10	0.37	129	2	<.01	7	270	38	<5	<20	18	0.13	<10	115	<10	4	92
136	L0+60W- 0+40 S	<5	<.2	5.50	10	35	20	0.15	<1	10	51	18	5.84	<10	0.15	86	<1	0.01	5	280	48	<5	<20	5	0.22	<10	142	<10	1	74
137	L0+60W- 0+50 S	<5	<.2	2.27	<5	35	25	0.10	<1	11	48	13	6.48	<10	0.10	66	<1	0.01	6	90	20	<5	<20	7	0.27	<10	220	<10	<1	24
138	L0+60W- 0+60 S	<5	<.2	4.24	10	25	5	0.16	<1	7	33	20	2.81	<10	0.15	58	<1	0.02	6	230	26	<5	<20	11	0.14	<10	103	<10	3	36
139	L0+60W- 0+80 S	<5	<.2	2.81	5	30	5	0.16	<1	11	36	19	2.31	<10	0.28	98	<1	0.02	10	340	28	<5	<20	13	0.11	<10	162	<10	1	57
140	L0+60W- 0+90 S	<5	0.4	5.57	20	35	<5	0.21	1	20	39	50	3.26	<10	0.32	597	2	0.02	32	720	76	<5	<20	10	0.10	<10	80	<10	15	199
141	L0+60W- 0+00 S	<5	<.2	3.67	<5	60	25	0.27	1	20	54	20	7.91	<10	0.32	247	<1	0.01	11	250	54	<5	<20	7	0.32	<10	203	<10	6	63
142	L0+80W- 0+00 BL	<5	<.2	0.56	<5	20	<5	0.04	<1	2	7	2	1.41	<10	0.01	16	5	<.01	<1	30	14	<5	<20	<1	0.08	<10	180	<10	2	15
143	L0+80W- 0+10 N	<5	<.2	0.20	<5	10	<5	0.04	<1	1	3	2	0.39	<10	0.08	24	8	<.01	<1	130	10	<5	<20	3	0.05	<10	42	<10	2	22
144	L0+80W- 0+20 N	<5	<.2	0.28	<5	<5	<5	0.02	<1	1	4	<1	0.16	<10	<.01	41	<1	<.01	<1	20	8	<5	<20	3	0.05	<10	36	<10	2	7
145	L0+80W- 0+30 N	5	<.2	0.26	<5	5	10	0.06	<1	4	11	2	0.21	<10	0.01	20	<1	<.01	<1	90	118	5	<20	2	0.21	<10	25	<10	6	9
146	L0+80W- 0+40 N	<5	<.2	0.20	<5	10	15	0.04	<1	4	12	2	0.14	<10	<.01	17	<1	<.01	<1	40	12	5	<20	3	0.25	<10	32	<10	7	6
147	L0+80W- 0+50 N	<5	<.2	5.35	20	15	5	0.11	<1	5	52	21	0.88	<10	0.15	41	<1	0.01	8	370	34	<5	<20	5	0.15	<10	110	<10	7	26
148	L0+80W- 0+60 N	<5	<.2	3.17	<5	35	15	0.13	<1	7	53	14	5.44	<10	0.08	26	<1	<.01	4	170	20	<5	<20	6	0.17	<10	375	<10	4	20
149	L0+80W- 0+70 N	<5	<.2	0.36	<5	10	10	0.08	<1	6	18	3	0.28	<10	0.04	21	<1	<.01	2	50	12	<5	<20	6	0.29	<10	37	<10	8	7
150	L0+80W- 0+80 N	<5	<.2	0.27	<5	<5	15	0.10	<1	6	12	2	0.48	<10	0.11	52	<1	<.01	3	20	10	<5	<20	3	0.24	<10	103	<10	7	8
151	L0+80W- 0+90 N	<5	<.2	0.26	<5	10	15	0.09	<1	6	26	3	0.21	<10	0.07	27	<1	<.01	2	40	12	<5	<20	7	0.30	<10	46	<10	8	9
152	L0+80W- 1+00 N	<5	<.2	2.18	<5	15	10	0.09	<1	6	23	9	1.57	<10	0.19	57	<1	0.01	3	170	14	<5	<20	4	0.15	<10	83	<10	2	23
153	L0+80W- 0+10 S	<5	<.2	0.82	<5	20	10	0.03	<1	4	13	4	1.53	<10	0.06	23	3	<.01	1	10	16	<5	<20	<1	0.19	<10	161	<10	2	22
154	L0+80W- 0+20 S	<5	<.2	7.43	20	65	15	0.07	<1	11	71	28	6.05	<10	0.27	110	5	<.01	14	340	46	<5	<20	5	0.22	<10	167	<10	6	162
155	L0+80W- 0+30 S	<5	<.2	7.71	25	30	5	0.22	<1	5	39	19	1.82	<10	0.12	52	<1	0.04	9	820	48	<5	<20	11	0.07	<10	94	<10	8	39
156	L0+80W- 0+40 S	<5	0.4	0.98	<5	15	10	0.13	<1	4	13	5	1.48	<10	0.14	166	<1	0.01	2	180	8	<5	<20	9	0.07	<10	60	<10	<1	23
157	L0+80W- 0+50 S	<5	<.2	5.49	10	25	15	0.14	<1	7	42	16	2.41	<10	0.17	65	<1	0.02	7	460	34	<5	<20	11	0.17	<10	101	<10	5	33
158	L0+80W- 0+60 S	<5	<.2	0.86	<5	10	5	0.12	<1	3	10	4	0.47	<10	0.10	40	<1	0.01	2	170	10	<5	<20	8	0.09	<10	27	<10	2	16
159	L0+80W- 0+70 S	<5	<.2	7.66	15	20	15	0.10	<1	7	57	13	4.10	<10	0.08	47	<1	0.02	6	290	40	<5	<20	5	0.14	<10	123	<10	3	23
160	L0+80W- 0+80 S	<5	<.2	1.66	5	25	<5	0.22	<1	8	24	15	1.75	<10	0.30	120	<1	0.02	8	480	28	<5	<20	10	0.09	<10	93	<10	2	52
161	L0+80W- 0+90 S	140	0.6	2.03	10	50	<5	0.27	2	19	32	69	4.59	<10	0.40	636	4	0.02	15	490	196	<5	<20	18	0.09	<10	130	<10	<1	125
162	L0+80W- 1+00 S	<5	<.2	3.72	<5	50	25	0.23	1	77	63	18	6.80	<10	0.32	760	<1	0.02	12	350	50	<5	<20	8	0.20	<10	209	<10	<1	51
163	L1+00W- 0+00 BL	<5	<.2	0.60	<5	30	10	0.11	<1	5	15	4	0.49	<10	0.17	43	<1	<.01	2	120	48	<5	<20	7	0.22	<10	59	<10	3	26
164	L1+00W- 0+10 N	<5	<.2	0.18	<5	35	5	0.05	<1	1	6	2	0.12	<10	0.04	16	1	<.01	<1	80	24	<5	<20	5	0.07	<10	12	<10	1	16
165	L1+00W- 0+30 N	<5	<.2	0.21	<5	35	<5	0.05	<1	1	6	2	0.16	<10	0.05	17	2	<.01	<1	80	22	<5	<20	5	0.07	<10	13	<10	1	16

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
166	L1+00W- 0+40 N	<5	<.2	2.39	<5	30	<5	0.13	<1	7	34	26	2.82	<10	0.30	83	<1	0.03	7	270	16	<5	<20	6	0.13	<10	90	<10	3	44
167	L1+00W- 0+50 N	<5	<.2	1.52	<5	20	15	0.18	<1	15	45	10	2.04	<10	0.90	152	<1	0.01	22	110	14	10	<20	3	0.28	<10	73	<10	3	31
168	L1+00W- 0+60 N	<5	<.2	4.50	<5	35	30	0.10	<1	10	75	19	6.39	<10	0.07	33	<1	0.01	5	110	26	<5	<20	5	0.38	<10	242	<10	3	28
169	L1+00W- 0+70 N	<5	<.2	0.82	<5	20	25	0.15	<1	12	33	5	3.19	<10	0.33	78	<1	0.01	7	<10	18	<5	<20	2	0.46	<10	247	<10	4	19
170	L1+00W- 0+80 N	<5	<.2	0.21	<5	<5	5	0.06	<1	4	15	1	0.28	<10	0.13	44	<1	<.01	3	30	6	<5	<20	2	0.16	<10	40	<10	2	14
171	L1+00W- 0+90 N	<5	<.2	0.22	<5	5	10	0.11	<1	5	24	2	0.44	<10	0.06	33	<1	<.01	2	30	10	<5	<20	4	0.27	<10	91	<10	3	14
172	L1+00W- 1+00 N	<5	<.2	0.20	<5	20	15	0.04	<1	6	4	4	2.34	<10	0.03	59	<1	<.01	1	20	6	<5	<20	4	0.23	<10	83	<10	1	24
173	L1+00W- 0+10 S	<5	<.2	2.66	<5	70	35	0.13	<1	14	49	17	6.84	<10	0.42	109	<1	<.01	11	120	44	<5	<20	8	0.44	<10	274	<10	2	98
174	L1+00W- 0+20 S	<5	<.2	3.77	<5	30	20	0.09	<1	10	52	11	5.82	<10	0.08	41	<1	0.01	4	150	26	<5	<20	4	0.32	<10	226	<10	<1	36
175	L1+00W- 0+30 S	<5	<.2	0.76	<5	15	<5	0.09	<1	2	14	5	0.45	<10	0.05	24	<1	<.01	2	230	16	<5	<20	7	0.10	<10	35	<10	2	39
176	L1+00W- 0+40 S	<5	<.2	0.42	<5	10	5	0.06	<1	3	8	2	0.37	<10	0.08	41	<1	<.01	<1	80	10	5	<20	4	0.14	<10	28	<10	4	17
177	L1+00W- 0+50 S	<5	<.2	0.48	<5	20	5	0.10	<1	3	9	2	0.41	<10	0.14	64	<1	<.01	1	130	14	<5	<20	8	0.14	<10	28	<10	4	22
178	L1+00W- 0+60 S	<5	<.2	1.58	<5	30	15	0.09	<1	8	40	6	4.01	<10	0.05	39	<1	<.01	4	70	18	<5	<20	5	0.26	<10	211	<10	5	22
179	L1+00W- 0+90 S	<5	<.2	5.04	<5	30	20	0.09	<1	7	42	9	4.75	<10	0.05	29	<1	0.02	4	350	32	<5	20	5	0.16	<10	135	<10	4	22
180	L1+00W- 1+00 S	<5	<.2	2.52	<5	35	20	0.10	<1	8	37	9	4.56	<10	0.09	46	<1	0.01	4	130	18	<5	20	7	0.20	10	172	<10	3	28
181	L0+60E- 0+90 N	<5	<.2	2.96	<5	15	10	0.11	<1	5	40	13	0.89	<10	0.17	46	<1	0.01	5	250	22	<5	<20	7	0.15	<10	66	<10	7	28
182	L1+00E- 0+00	<5	<.2	3.40	10	15	<5	0.18	<1	6	29	10	1.08	<10	0.18	68	<1	0.02	6	580	24	5	<20	8	0.10	<10	42	<10	5	35
183	L1+00E- 0+10 N	<5	<.2	3.60	5	20	5	0.27	<1	5	29	12	1.51	<10	0.14	62	2	0.03	11	820	24	<5	<20	12	0.07	<10	62	<10	6	50
184	L1+00E- 0+20 N	<5	<.2	3.40	<5	40	15	0.13	<1	21	34	12	5.00	<10	0.14	846	8	0.01	6	320	24	<5	<20	9	0.17	<10	170	<10	3	65
185	L1+00E- 0+30 N	<5	<.2	5.46	10	30	10	0.25	<1	17	40	23	3.27	<10	0.24	557	3	0.03	12	810	34	<5	<20	13	0.11	<10	103	<10	6	74
186	L1+00E- 0+40 N	5	<.2	2.60	<5	25	15	0.13	<1	14	33	12	3.54	<10	0.17	317	<1	0.01	7	240	20	<5	<20	5	0.17	<10	114	<10	5	41
187	L1+00E- 0+50 N	80	<.2	5.15	<5	45	25	0.09	1	21	182	54	5.98	<10	1.31	320	<1	<.01	42	280	28	5	<20	4	0.39	<10	137	<10	15	63
188	L1+00E- 0+60 N	<5	<.2	0.27	<5	5	<5	0.09	<1	2	17	3	0.34	<10	0.05	24	<1	<.01	2	160	4	<5	<20	5	0.07	<10	29	<10	2	11
189	L1+00E- 0+10 S	<5	<.2	1.52	<5	15	<5	0.16	<1	6	24	8	1.13	<10	0.23	76	<1	0.01	7	260	16	<5	<20	7	0.13	<10	53	<10	5	22
190	L1+00E- 0+20 S	<5	<.2	3.14	5	20	15	0.12	<1	7	34	17	2.57	<10	0.18	58	<1	0.01	5	190	28	<5	<20	5	0.21	<10	107	<10	8	23
191	L1+00E- 0+30 S	<5	<.2	1.17	<5	30	15	0.17	<1	5	22	5	4.27	<10	0.18	132	2	0.01	5	210	16	<5	<20	9	0.08	<10	91	<10	<1	23
192	L1+00E- 0+40 S	5	<.2	0.51	<5	25	10	0.09	<1	4	12	3	0.69	<10	0.08	33	<1	<.01	<1	120	44	<5	<20	6	0.16	<10	68	<10	4	22
193	L1+00E- 0+50 S	<5	<.2	0.18	<5	15	<5	0.06	<1	1	4	2	0.19	<10	0.03	20	<1	<.01	<1	100	12	<5	<20	5	0.04	<10	14	<10	1	18
194	L1+00E- 0+70 S	30	<.2	1.52	<5	55	15	0.27	<1	8	35	18	2.38	<10	0.41	137	<1	<.01	7	280	308	5	<20	7	0.23	<10	96	<10	9	93
195	L1+00E- 0+80 S	<5	<.2	0.61	<5	15	25	0.33	<1	11	34	7	1.18	<10	0.39	113	<1	0.02	11	80	28	10	<20	7	0.53	<10	151	<10	14	31
196	L1+00E- 0+90 S	5	<.2	0.50	<5	10	10	0.13	<1	5	16	4	0.39	<10	0.12	48	<1	0.01	3	160	16	<5	<20	5	0.23	<10	41	<10	7	15
197	L1+00E- 1+00 S	<5	<.2	2.19	<5	25	25	0.23	<1	11	43	11	3.41	<10	0.35	115	<1	0.02	9	180	18	<5	<20	6	0.32	<10	138	<10	9	29
198	L2+00E- 0+00	<5	<.2	3.52	20	25	10	0.13	<1	6	32	54	1.69	<10	0.13	48	4	0.01	11	470	28	<5	20	14	0.17	<10	109	<10	11	68
199	L2+00E- 0+10 N	5	<.2	3.16	10	40	15	0.15	<1	7	41	15	2.68	<10	0.47	107	<1	0.01	9	300	20	10	<20	8	0.17	<10	117	<10	7	77
200	L2+00E- 0+20 N	5	<.2	1.74	40	55	10	0.13	<1	27	26	13	6.02	<10	0.30	1389	7	0.05	8	390	14	<5	<20	5	0.08	<10	165	<10	<1	60

ASHWORTH EXPLORATION LTD. AK 95-1125

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
201	L2+00E- 0+30 N	<5	<.2	1.10	<5	15	5	0.10	<1	4	23	12	1.01	<10	0.06	52	<1	<.01	3	140	10	<5	<20	7	0.14	<10	81	<10	5	19
202	L2+00E- 0+60 N	<5	<.2	5.36	<5	45	25	0.14	<1	17	163	43	5.62	<10	0.75	209	<1	0.01	29	250	28	<5	60	6	0.35	<10	119	<10	9	36
203	L2+00E- 0+70 N	<5	<.2	4.72	15	20	10	0.28	<1	6	45	23	1.49	<10	0.18	63	<1	0.02	7	830	30	<5	20	11	0.10	<10	87	<10	9	26
204	L2+00E- 0+80 N	<5	<.2	0.82	<5	15	10	0.14	<1	5	20	5	1.13	<10	0.19	59	<1	0.01	4	210	14	<5	<20	7	0.14	<10	51	<10	4	18
205	L2+00E- 0+90 N	<5	<.2	1.16	<5	25	15	0.11	<1	6	21	10	2.11	<10	0.13	60	<1	0.03	4	200	14	<5	<20	6	0.15	<10	128	<10	3	20
206	L2+00E- 1+00 N	<5	<.2	4.12	5	25	15	0.16	<1	6	45	21	3.13	<10	0.14	52	<1	0.02	6	480	24	<5	<20	7	0.12	10	122	<10	4	20
207	L2+00E- 0+10 S	<5	<.2	0.57	<5	10	5	0.08	<1	3	13	4	0.26	<10	0.06	25	3	<.01	<1	140	14	<5	<20	6	0.14	<10	32	<10	5	10
208	L2+00E- 0+20 S	<5	<.2	1.27	<5	70	30	0.10	1	8	55	4	10.90	<10	0.31	99	6	0.02	6	160	10	<5	<20	7	0.12	30	218	<10	<1	60
209	L2+00E- 0+30 S	<5	<.2	0.62	<5	15	<5	0.05	<1	2	7	6	1.29	<10	0.18	83	<1	<.01	1	200	10	<5	<20	5	0.03	<10	24	<10	<1	34
210	L2+00E- 0+40 S	<5	<.2	0.46	<5	25	10	0.27	<1	4	6	13	0.87	<10	0.20	399	<1	<.01	1	330	16	10	<20	9	0.14	<10	45	<10	3	86
211	L2+00E- 0+50 S	<5	<.2	0.33	<5	15	10	0.08	<1	4	13	2	0.67	<10	0.03	18	<1	<.01	<1	90	32	<5	<20	5	0.18	<10	29	<10	5	11
212	L2+00E- 0+60 S	<5	<.2	0.49	<5	15	20	0.40	<1	12	41	25	1.04	<10	0.27	116	<1	0.02	11	180	36	5	<20	8	0.51	<10	131	<10	13	92
213	L2+00E- 0+70 S	<5	<.2	0.73	<5	15	<5	0.14	<1	2	22	13	0.34	<10	0.13	48	<1	0.01	5	730	20	<5	<20	6	0.06	<10	23	<10	3	40
214	L2+00E- 0+80 S	<5	<.2	1.33	<5	20	15	0.20	<1	11	42	8	1.57	<10	0.56	157	<1	0.01	14	210	20	10	<20	7	0.31	<10	79	<10	10	36
215	L2+00E- 0+90 S	55	<.2	0.37	<5	10	15	0.05	<1	5	5	3	0.37	<10	0.03	31	<1	<.01	<1	60	10	<5	<20	4	0.28	<10	44	<10	8	12
216	L2+00E- 1+00 S	<5	<.2	0.28	<5	20	5	0.14	<1	3	4	14	0.69	<10	0.10	80	<1	0.02	1	350	12	<5	<20	11	0.10	<10	40	<10	3	61
217	L2+80W- 0+10 N	<5	0.2	0.25	<5	205	<5	0.81	<1	<1	2	14	0.71	<10	0.09	39	3	0.04	2	320	8	<5	<20	28	0.03	<10	16	<10	2	72
218	L2+80W- 0+20 N	<5	<.2	0.45	<5	25	<5	0.24	<1	2	8	24	0.80	<10	0.07	61	2	0.03	4	480	12	<5	<20	13	0.06	<10	30	<10	3	75
219	L2+80W- 0+30 N	<5	<.2	0.12	<5	30	<5	0.07	<1	2	6	2	0.10	<10	0.03	10	<1	<.01	<1	80	6	<5	<20	5	0.13	<10	31	<10	4	8
220	L2+80W- 0+40 N	<5	<.2	0.58	<5	10	5	0.09	<1	3	17	5	0.38	<10	0.07	24	<1	<.01	2	140	16	<5	<20	5	0.13	<10	30	<10	4	16
221	L2+80W- 0+60 N	<5	<.2	1.42	<5	45	10	0.23	<1	18	35	19	3.10	<10	1.26	141	<1	0.02	22	140	10	10	<20	3	0.24	<10	90	<10	6	41
222	L2+80W- 0+70 N	<5	0.2	0.07	<5	10	<5	0.74	<1	<1	2	7	0.12	<10	0.06	44	<1	0.05	2	350	8	<5	<20	12	<.01	<10	4	<10	<1	79
223	L2+80W- 0+80 N	<5	<.2	0.92	<5	25	10	0.10	<1	5	26	8	3.70	<10	0.09	33	<1	0.03	3	230	12	<5	<20	5	0.11	10	151	<10	<1	23
224	L2+80W- 0+90 N	<5	<.2	0.60	<5	15	10	0.22	<1	9	133	6	1.27	<10	0.53	104	<1	0.02	18	110	6	5	<20	5	0.15	<10	53	<10	4	31
225	L2+80W- 1+00 N	<5	<.2	0.40	<5	10	<5	0.12	<1	3	14	22	0.62	<10	0.05	26	<1	0.01	2	610	14	<5	<20	6	0.10	<10	37	<10	2	52
226	L2+80W- 0+10 S	5	<.2	2.81	<5	30	10	0.28	<1	8	32	29	3.23	<10	0.18	75	2	0.05	10	180	26	<5	<20	17	0.21	<10	146	<10	14	52
227	L2+80W- 0+30 S	<5	<.2	2.01	<5	95	45	0.09	2	25	36	19	14.90	<10	1.75	199	<1	0.02	20	90	12	<5	<20	4	0.35	30	620	<10	<1	54
228	L2+80W- 0+40 S	<5	<.2	1.69	<5	10	<5	0.12	<1	4	33	6	0.79	<10	0.16	61	<1	0.02	6	180	14	<5	<20	6	0.11	<10	44	<10	4	22
229	L2+80W- 0+50 S	<5	<.2	0.62	35	20	15	0.06	<1	5	7	3	0.59	<10	0.07	40	<1	<.01	<1	30	40	<5	<20	5	0.29	<10	91	<10	7	11
230	L2+80W- 0+60 S	<5	<.2	4.39	10	25	<5	0.19	<1	4	33	26	1.44	<10	0.11	51	<1	0.02	5	820	26	<5	40	10	0.07	<10	104	<10	6	25
231	L2+80W- 0+80 S	<5	<.2	3.53	5	15	10	0.10	<1	5	41	8	2.50	<10	0.07	39	<1	0.01	3	210	24	<5	40	6	0.17	<10	138	<10	6	20
232	L2+80W- 0+90 S	<5	<.2	1.81	5	5	<5	0.08	<1	2	22	10	0.39	<10	0.09	30	<1	0.01	2	230	12	<5	<20	5	0.05	<10	27	<10	3	12
233	L2+80W- 1+00 S	<5	<.2	3.45	5	20	5	0.12	<1	5	30	10	2.15	<10	0.10	42	<1	0.02	4	350	22	<5	20	8	0.10	<10	82	<10	6	14
234	L3+00W- 0+30 N	<5	<.2	0.36	<5	10	15	0.06	<1	6	12	3	0.19	<10	0.02	13	<1	<.01	<1	80	18	5	<20	4	0.35	<10	79	<10	9	10
235	L3+00W- 0+40 N	<5	<.2	0.42	<5	10	<5	0.09	<1	4	15	4	0.33	<10	0.03	24	<1	<.01	2	250	14	<5	<20	7	0.16	<10	33	<10	5	20

ASHWORTH EXPLORATION LTD. AK 95-1125 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
236	L3+00W- 0+50 N	<5	<.2	3.39	10	25	10	0.26	<1	6	28	8	1.49	<10	0.22	116	<1	0.04	8	390	28	<5	<20	12	0.13	<10	56	<10	7	43
237	L3+00W- 0+60 N	<5	<.2	0.56	<5	10	15	0.09	<1	6	45	4	0.53	<10	0.29	66	<1	<.01	3	90	14	5	<20	4	0.31	<10	49	<10	8	21
238	L3+00W- 0+70 N	<5	<.2	4.85	15	10	10	0.08	<1	4	52	12	1.31	<10	0.08	34	<1	0.02	3	330	32	<5	40	6	0.13	<10	61	<10	6	19
239	L3+00W- 0+80 N	<5	<.2	0.76	<5	30	5	0.20	<1	5	14	16	3.72	<10	0.04	135	3	0.02	4	880	16	<5	<20	10	0.03	<10	59	<10	<1	154
240	L3+00W- 0+90 N	<5	<.2	0.70	<5	20	10	0.11	<1	5	27	8	1.85	<10	0.10	36	<1	<.01	5	280	14	<5	<20	7	0.18	<10	96	<10	4	36
241	L3+00W- 1+00 N	<5	<.2	0.50	<5	10	15	0.16	<1	8	43	4	0.45	<10	0.19	41	<1	<.01	5	70	14	5	<20	5	0.35	<10	54	<10	9	17
242	L3+20W- 0+00	<5	<.2	0.79	<5	35	10	0.09	<1	5	19	5	1.11	<10	0.20	63	3	0.02	2	160	20	<5	<20	7	0.23	<10	81	<10	6	27
243	L3+20W- 0+20 N	<5	<.2	0.18	<5	<5	5	0.05	<1	2	6	1	0.21	<10	0.02	21	<1	0.01	<1	20	6	<5	<20	2	0.13	<10	49	<10	3	7
244	L3+20W- 0+30 N	<5	<.2	0.37	<5	10	5	0.11	<1	5	24	3	0.55	<10	0.09	36	<1	0.03	2	70	12	<5	<20	5	0.19	<10	59	<10	5	15
245	L3+20W- 0+40 N	<5	<.2	1.18	<5	20	10	0.14	<1	5	28	8	1.44	<10	0.19	60	<1	0.04	7	170	32	<5	<20	8	0.13	<10	71	<10	4	30
246	L3+20W- 0+70 N	<5	<.2	0.95	<5	10	<5	0.14	<1	4	19	9	0.63	<10	0.18	53	<1	0.01	5	240	8	<5	<20	5	0.06	<10	28	<10	3	20
247	L3+20W- 0+80 N	<5	<.2	2.55	5	30	5	0.15	<1	7	36	23	0.98	<10	0.27	70	<1	0.01	8	270	18	5	<20	8	0.16	<10	69	<10	6	40
248	L3+20W- 0+90 N	<5	<.2	2.11	<5	15	10	0.13	<1	6	27	10	1.58	<10	0.19	64	<1	0.01	5	200	16	<5	<20	6	0.14	<10	56	<10	4	29
249	L3+20W- 1+00 N	<5	<.2	0.94	<5	30	<5	0.27	<1	3	18	18	2.81	<10	0.03	60	2	0.03	5	1150	14	<5	<20	11	0.01	<10	41	<10	<1	103
250	L3+20W- 0+10 S	<5	0.4	3.35	<5	145	45	0.05	4	52	22	17	> 15	<10	<.01	4947	24	<.01	1	190	20	<5	<20	5	0.02	<10	199	<10	<1	51
251	L3+20W- 0+40 S	<5	<.2	1.64	<5	15	<5	0.14	1	2	21	22	0.51	<10	0.05	86	<1	<.01	4	530	16	<5	<20	7	0.03	<10	45	<10	4	65
252	L3+20W- 0+50 S	<5	<.2	1.32	<5	20	<5	0.19	<1	2	17	30	0.25	<10	0.02	36	<1	0.02	3	720	18	<5	<20	9	0.02	<10	33	<10	3	71
253	L3+20W- 0+60 S	<5	<.2	1.94	15	15	<5	0.12	<1	3	26	11	0.61	<10	0.17	53	<1	0.01	5	270	14	<5	<20	5	0.08	<10	40	<10	4	23
254	L3+20W- 0+70 S	<5	<.2	2.37	10	15	<5	0.16	<1	3	24	10	0.51	<10	0.13	52	<1	0.01	4	600	18	<5	<20	9	0.07	<10	49	<10	5	21
255	L3+20W- 0+80 S	<5	<.2	1.30	<5	10	10	0.16	<1	4	21	7	0.61	<10	0.10	44	<1	0.01	3	150	14	<5	<20	6	0.15	<10	36	<10	6	24
256	L3+20W- 0+90 S	<5	<.2	3.11	10	20	5	0.14	<1	4	28	7	1.78	<10	0.08	45	<1	0.02	4	510	20	<5	<20	9	0.08	<10	92	<10	6	12
257	L3+20W- 1+00 S	<5	<.2	2.76	<5	15	10	0.12	<1	5	31	7	1.53	<10	0.09	47	<1	0.02	3	240	18	<5	<20	6	0.11	<10	84	<10	7	16
258	L3+40W- 0+00	20	<.2	0.89	10	25	10	0.12	<1	5	10	8	0.94	<10	0.09	65	8	0.01	5	70	24	5	<20	8	0.19	<10	63	<10	5	44
259	L3+40W- 0+10 N	<5	<.2	0.48	<5	75	5	0.08	<1	2	25	2	0.47	<10	0.13	40	<1	<.01	<1	70	8	5	<20	6	0.08	<10	43	<10	2	14
260	L3+40W- 0+20 N	<5	<.2	2.90	<5	35	20	0.12	<1	11	58	12	5.29	<10	0.09	53	<1	<.01	3	80	24	<5	<20	5	0.38	10	296	<10	5	30
261	L3+40W- 0+30 N	<5	<.2	0.43	<5	15	10	0.09	<1	7	13	3	0.85	<10	0.19	58	<1	<.01	<1	50	16	<5	<20	5	0.36	<10	118	<10	8	15
262	L3+40W- 0+40 N	<5	<.2	3.50	10	35	<5	0.24	<1	10	60	96	1.14	<10	0.42	102	<1	0.01	26	490	26	10	<20	9	0.15	<10	48	<10	12	39
263	L3+40W- 0+50 N	<5	<.2	1.22	<5	10	<5	0.10	<1	2	16	13	0.27	<10	0.11	36	<1	<.01	5	430	10	<5	<20	4	0.04	<10	22	<10	3	36
264	L3+40W- 0+60 N	<5	<.2	0.31	<5	10	10	0.08	<1	4	15	5	0.53	<10	0.04	30	<1	<.01	2	150	10	<5	<20	5	0.19	<10	61	<10	4	16
265	L3+40W- 0+70 N	<5	<.2	0.32	<5	5	10	0.19	<1	5	22	6	0.50	<10	0.06	32	<1	<.01	1	110	10	<5	<20	3	0.26	<10	77	<10	8	27
266	L3+40W- 0+80 N	<5	<.2	3.90	10	15	10	0.10	<1	5	49	9	1.50	<10	0.09	38	<1	<.01	3	170	28	<5	40	5	0.22	<10	133	<10	5	24
267	L3+40W- 0+90 N	<5	<.2	0.71	<5	20	10	0.11	<1	4	20	11	1.40	<10	0.07	32	<1	0.02	2	390	14	<5	<20	7	0.13	<10	61	<10	3	39
268	L3+40W- 1+00 N	<5	<.2	1.07	<5	20	15	0.15	<1	8	22	8	2.48	<10	0.16	71	<1	0.01	5	130	12	<5	<20	5	0.23	<10	101	<10	4	23
269	L3+40W- 0+10 S	5	<.2	1.07	<5	50	25	0.11	<1	12	19	12	5.13	<10	0.28	125	<1	<.01	2	80	28	<5	<20	7	0.54	<10	326	<10	8	41
270	L3+40W- 0+40 S	255	1.4	2.63	5	50	<5	0.38	1	12	29	87	3.25	<10	0.38	303	<1	0.03	13	530	168	<5	<20	20	0.12	<10	98	<10	5	67

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
271	L3+40W- 0+50 S	<5	<.2	1.10	<5	20	10	0.16	<1	8	28	9	1.97	<10	0.38	109	<1	0.01	9	130	10	<5	<20	10	0.14	<10	81	<10	3	23
272	L3+40W- 0+60 S	<5	<.2	1.41	<5	20	<5	0.31	<1	6	27	9	0.85	<10	0.27	108	<1	0.01	9	240	12	10	<20	9	0.13	<10	46	<10	4	23
273	L3+40W- 0+70 S	<5	<.2	0.39	<5	10	<5	0.18	<1	3	8	18	0.60	<10	0.14	54	<1	<.01	2	260	12	<5	<20	4	0.09	<10	39	<10	2	54
274	L3+40W- 0+80 S	<5	<.2	0.29	<5	<5	5	0.11	<1	2	11	2	0.14	<10	0.03	28	<1	<.01	1	60	10	<5	<20	3	0.13	<10	39	<10	3	11
275	L3+40W- 0+90 S	<5	<.2	0.64	<5	15	15	0.06	<1	5	25	3	2.94	<10	0.02	28	<1	<.01	<1	20	8	<5	<20	4	0.21	<10	131	<10	2	10
276	L3+40W- 1+00 S	5	<.2	0.31	<5	10	5	0.36	<1	2	7	9	0.56	<10	0.03	34	<1	0.02	1	250	8	<5	<20	10	0.10	<10	36	<10	2	47
277	L3+60W- 0+00	<5	<.2	0.55	<5	20	<5	0.10	<1	4	15	5	0.51	<10	0.12	44	<1	<.01	3	310	14	<5	<20	8	0.11	<10	35	<10	3	20
278	L3+60W- 0+10 N	<5	<.2	1.21	<5	10	5	0.11	<1	3	18	5	0.32	<10	0.09	30	<1	<.01	3	150	18	<5	<20	6	0.12	<10	25	<10	4	13
279	L3+60W- 0+20 N	<5	<.2	1.77	<5	25	20	0.04	<1	8	28	7	5.03	<10	0.01	34	<1	<.01	3	60	14	<5	<20	4	0.27	20	256	<10	2	23
280	L3+60W- 0+30 N	<5	<.2	1.72	<5	35	20	0.07	<1	10	41	7	6.13	<10	0.07	39	<1	<.01	4	10	14	<5	<20	4	0.34	20	266	<10	2	19
281	L3+60W- 0+40 N	35	<.2	5.24	30	35	25	0.11	<1	14	134	30	5.30	<10	0.51	135	<1	0.01	24	190	34	<5	<20	5	0.26	<10	139	<10	4	37
282	L3+60W- 0+50 N	<5	<.2	2.29	<5	40	30	0.23	<1	20	137	33	6.56	<10	1.08	237	<1	0.01	36	90	14	<5	<20	5	0.44	<10	184	<10	4	37
283	L3+60W- 0+70 N	<5	<.2	1.91	<5	10	5	0.08	<1	4	34	10	0.80	<10	0.08	30	<1	<.01	3	150	14	<5	<20	5	0.15	<10	60	<10	5	11
284	L3+60W- 0+80 N	<5	<.2	1.48	<5	5	<5	0.05	<1	1	35	18	0.48	<10	0.03	13	<1	<.01	2	450	12	<5	<20	4	0.04	<10	46	<10	1	32
285	L3+60W- 0+90 N	<5	<.2	0.57	<5	20	30	0.11	<1	12	30	6	3.42	<10	0.13	47	<1	<.01	5	<10	16	<5	<20	3	0.57	<10	258	<10	9	14
286	L3+60W- 1+00 N	<5	<.2	0.54	<5	10	10	0.19	<1	11	28	2	1.07	<10	0.45	87	<1	0.01	13	10	10	5	<20	6	0.30	<10	125	<10	6	12
287	L3+60W- 0+10 S	<5	<.2	1.23	<5	65	10	0.17	<1	9	17	11	1.87	<10	0.43	230	<1	0.02	4	240	16	<5	<20	16	0.15	<10	82	<10	3	41
288	L3+60W- 0+20 S	<5	<.2	0.45	<5	15	10	0.09	<1	4	7	3	0.88	<10	0.09	95	<1	<.01	2	70	12	<5	<20	5	0.14	<10	76	<10	2	16
289	L3+60W- 0+30 S	<5	<.2	0.65	<5	20	10	0.09	<1	4	13	3	1.63	<10	0.16	84	<1	<.01	2	40	10	<5	<20	6	0.14	<10	112	<10	2	18
290	L3+60W- 0+40 S	<5	<.2	2.33	<5	55	35	0.06	2	12	40	10	11.20	<10	0.03	69	2	<.01	3	100	16	<5	<20	4	0.32	20	273	<10	<1	33
291	L3+60W- 0+50 S	<5	<.2	5.17	5	55	10	0.23	<1	7	38	14	2.84	<10	0.15	63	<1	0.01	7	310	28	<5	<20	10	0.17	<10	108	<10	5	31
292	L3+60W- 0+60 S	<5	<.2	1.70	<5	25	15	0.17	<1	11	59	17	2.66	<10	0.48	158	<1	<.01	8	110	20	<5	<20	10	0.30	<10	107	<10	6	57
293	L3+60W- 0+70 S	<5	<.2	0.97	<5	20	10	0.17	<1	9	43	26	2.05	<10	0.75	101	<1	0.01	15	290	38	<5	<20	6	0.25	<10	93	<10	4	59
294	L3+60W- 0+80 S	<5	<.2	1.71	<5	20	<5	0.12	<1	5	32	9	0.71	<10	0.31	74	<1	0.01	8	190	16	<5	<20	9	0.11	<10	45	<10	3	22
295	L3+60W- 0+90 S	<5	<.2	0.58	<5	20	15	0.08	<1	8	36	4	3.86	<10	0.03	41	<1	<.01	3	20	8	<5	<20	2	0.25	<10	202	<10	3	12
296	L3+60W- 1+00 S	<5	<.2	1.25	<5	25	25	0.24	<1	18	255	2	5.05	<10	0.94	211	<1	0.02	34	20	12	<5	<20	3	0.31	<10	158	<10	4	47
297	L3+80W- 0+00	<5	<.2	5.60	25	95	20	0.06	<1	10	37	19	5.84	<10	0.14	88	15	<.01	16	240	32	<5	<20	4	0.28	<10	159	<10	5	140
298	L3+80W- 0+10 N	<5	<.2	1.89	<5	35	15	0.14	<1	11	36	12	6.23	<10	0.05	58	<1	<.01	6	100	14	<5	<20	6	0.34	20	193	<10	2	38
299	L3+80W- 0+20 N	<5	<.2	1.07	<5	25	20	0.08	<1	8	31	7	4.42	<10	0.08	40	<1	<.01	4	50	10	<5	<20	4	0.25	<10	203	<10	2	24
300	L3+80W- 0+30 N	<5	<.2	1.56	<5	20	15	0.15	<1	10	24	8	2.45	<10	0.41	100	<1	<.01	9	80	16	<5	<20	5	0.32	<10	128	<10	5	22
301	L3+80W- 0+40 N	<5	<.2	1.82	10	35	15	0.14	<1	4	25	52	5.80	<10	0.09	47	3	<.01	5	540	12	<5	<20	6	0.06	<10	196	<10	<1	47
302	L3+80W- 0+50 N	<5	<.2	0.69	<5	20	15	0.12	<1	11	28	7	2.72	<10	0.40	90	<1	<.01	9	20	10	<5	<20	3	0.38	<10	196	<10	5	19
303	L3+80W- 0+60 N	<5	<.2	1.36	<5	35	5	0.69	<1	11	36	26	2.11	<10	0.60	211	<1	0.01	16	420	12	5	<20	10	0.12	<10	62	<10	5	51
304	L3+80W- 0+70 N	<5	<.2	0.26	<5	5	5	0.13	<1	4	34	3	0.58	<10	0.15	41	<1	<.01	4	120	8	<5	<20	4	0.16	<10	47	<10	3	15
305	L3+80W- 0+80 N	<5	<.2	1.87	<5	30	20	0.12	<1	11	41	9	5.88	<10	0.12	60	<1	<.01	5	140	12	<5	<20	3	0.35	10	223	<10	2	22

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
306	L3+80W- 0+90 N	<5	<.2	0.66	<5	10	10	0.15	<1	9	35	4	0.79	<10	0.34	69	<1	0.01	7	140	16	10	<20	4	0.31	<10	51	<10	6	21
307	L3+80W- 1+00 N	<5	<.2	1.36	<5	30	25	0.10	<1	10	30	9	5.79	<10	0.15	46	<1	<.01	5	170	10	<5	<20	3	0.29	10	211	<10	1	23
308	L3+80W- 0+10 S	<5	<.2	3.46	35	60	30	0.07	<1	14	23	21	7.80	<10	0.04	64	25	<.01	21	130	28	<5	<20	3	0.42	20	227	<10	3	121
309	L3+80W- 0+40 S	<5	<.2	0.24	<5	10	5	0.08	<1	4	9	2	0.43	<10	0.05	33	<1	<.01	1	40	10	5	<20	5	0.20	<10	40	<10	3	11
310	L3+80W- 0+50 S	<5	<.2	4.06	10	75	10	0.30	<1	11	36	32	2.01	<10	0.24	201	<1	0.02	23	500	26	<5	<20	13	0.15	<10	60	<10	8	152
311	L3+80W- 0+60 S	105	<.2	3.45	10	125	15	0.26	2	47	180	84	8.22	<10	1.50	446	<1	0.02	81	580	32	<5	<20	10	0.22	<10	225	<10	4	208
312	L3+80W- 0+80 S	<5	<.2	0.84	<5	10	<5	0.09	<1	3	18	9	0.45	<10	0.17	49	<1	<.01	5	180	8	<5	<20	6	0.06	<10	25	<10	2	19
313	L3+80W- 0+90 S	<5	<.2	1.31	<5	30	<5	0.16	<1	9	29	11	2.11	<10	0.39	149	<1	0.01	10	250	10	<5	<20	10	0.12	<10	88	<10	2	28
314	L3+80W- 1+00 S	<5	<.2	0.58	<5	25	30	0.22	1	13	65	6	4.78	<10	0.16	76	<1	<.01	10	<10	14	<5	<20	6	0.46	10	300	<10	5	16
315	L4+00W- 0+00	<5	<.2	0.14	<5	10	10	0.02	<1	3	4	5	0.64	<10	<.01	6	6	<.01	2	50	6	<5	<20	3	0.15	<10	86	<10	3	16
316	L4+00W- 0+10 N	<5	<.2	0.25	<5	15	<5	0.03	<1	<1	<1	2	0.26	<10	0.03	35	<1	<.01	<1	100	6	<5	<20	2	0.05	<10	8	<10	1	10
317	L4+00W- 0+20 N	<5	<.2	0.75	<5	30	20	0.07	<1	8	36	4	6.03	<10	0.03	37	<1	<.01	3	<10	8	<5	<20	4	0.26	10	295	<10	<1	15
318	L4+00W- 0+30 N	<5	<.2	5.26	<5	25	15	0.09	<1	6	63	10	4.19	<10	0.07	37	<1	0.01	4	280	28	<5	<20	5	0.15	<10	166	<10	3	20
319	L4+00W- 0+40 N	<5	<.2	3.59	<5	30	15	0.16	<1	15	79	25	2.28	<10	0.66	145	<1	0.01	19	240	22	<5	<20	6	0.31	<10	106	<10	8	38
320	L4+00W- 0+50 N	<5	<.2	4.70	<5	55	30	0.10	1	14	68	25	11.10	<10	0.08	56	<1	0.01	4	160	22	<5	<20	5	0.32	20	214	<10	<1	28
321	L4+00W- 0+60 N	<5	<.2	2.43	<5	60	40	0.09	2	14	62	20	12.70	<10	0.03	32	<1	<.01	5	<10	10	<5	<20	6	0.47	30	328	<10	<1	22
322	L4+00W- 0+70 N	<5	<.2	1.73	<5	20	20	0.16	<1	9	36	12	2.56	<10	0.43	88	<1	0.01	10	160	14	<5	<20	5	0.24	<10	118	<10	4	25
323	L4+00W- 0+80 N	<5	<.2	1.08	<5	50	30	0.13	1	11	33	9	8.88	<10	0.14	48	<1	<.01	7	80	12	<5	<20	6	0.30	20	395	<10	<1	28
324	L4+00W- 0+90 N	<5	<.2	0.49	<5	10	15	0.11	<1	7	24	4	1.20	<10	0.35	79	<1	<.01	10	50	8	<5	<20	4	0.23	<10	98	<10	3	18
325	L4+00W- 1+00 N	<5	<.2	3.95	<5	50	30	0.10	<1	12	47	19	9.30	<10	0.06	40	<1	0.01	4	240	22	<5	<20	5	0.41	30	181	<10	<1	20
326	L4+20W- 0+00	<5	<.2	0.45	<5	20	10	0.04	<1	4	7	4	1.65	<10	0.02	27	11	<.01	1	10	10	<5	<20	2	0.19	<10	163	<10	2	18
327	L4+20W- 0+10 S	<5	<.2	0.45	15	25	15	0.02	<1	6	8	8	4.37	<10	<.01	19	27	<.01	6	20	8	<5	<20	<1	0.17	<10	305	<10	<1	36
328	L4+20W- 0+20 S	<5	<.2	0.42	<5	15	<5	0.05	<1	2	3	3	0.32	<10	0.02	20	<1	<.01	<1	130	14	<5	<20	4	0.08	<10	34	<10	1	14
329	L4+20W- 0+30 S	<5	<.2	0.29	<5	5	<5	0.03	<1	<1	3	2	0.19	<10	0.03	16	<1	<.01	<1	100	8	<5	<20	5	0.04	<10	18	<10	1	4

ASHWORTH EXPLORATION LTD. AK 95-1125

ECO-TECH LABORATORIES LTD.

QC/DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L0+00- 0+40 S	<5	<.2	4.88	5	15	5	0.11	<1	6	38	18	2.91	<10	0.12	49	<1	0.01	6	500	30	<5	<20	6	0.10	<10	131	<10	4	26
10	L0+00- 0+30 N	<5	<.2	0.71	<5	15	<5	0.04	<1	1	15	16	0.82	<10	0.05	19	2	<.01	2	220	16	<5	<20	6	0.04	<10	30	<10	<1	25
19	L0+20E- 0+30 N	<5	<.2	1.17	<5	20	5	0.17	<1	4	19	11	1.02	<10	0.11	66	<1	<.01	3	100	22	<5	<20	11	0.16	<10	79	<10	2	37
28	L0+20E- 0+30 S	<5	<.2	3.59	<5	25	20	0.04	<1	10	36	21	8.09	<10	0.16	84	3	<.01	5	130	24	<5	<20	<1	0.21	<10	209	<10	<1	46
36	L0+40E- 0+10 N	<5	<.2	1.23	<5	10	<5	0.06	<1	3	23	8	0.80	<10	0.10	30	<1	<.01	3	140	10	<5	<20	5	0.08	<10	64	<10	1	11
45	L0+40E- 0+10 S	<5	<.2	0.79	<5	15	<5	0.04	<1	2	14	3	1.08	<10	0.35	90	<1	<.01	2	130	14	<5	<20	4	0.05	<10	49	<10	<1	26
54	L0+40E- 1+00 S	<5	<.2	1.31	<5	30	20	0.09	<1	9	32	12	5.99	<10	0.11	52	<1	<.01	6	90	52	<5	<20	5	0.22	<10	165	<10	<1	47
63	L0+60E- 0+80 N	<5	<.2	1.79	<5	20	<5	0.11	<1	5	36	16	2.17	<10	0.25	75	<1	0.02	9	290	14	<5	<20	7	0.08	<10	147	<10	2	51
71	L0+60E- 0+70 S	105	3.4	3.90	<5	65	25	0.14	2	217	53	42	14.10	<10	<.01	>10000	11	<.01	6	480	3626	<5	<20	6	0.13	<10	215	<10	<1	106
80	L0+80E- 0+00 S	<5	<.2	0.29	<5	10	5	0.10	<1	3	15	6	1.05	<10	0.04	36	<1	0.02	3	60	6	<5	<20	6	0.08	<10	97	<10	<1	29
89	L0+20W- 0+20 N	<5	<.2	1.29	<5	20	10	0.04	<1	5	16	7	2.96	<10	0.02	23	2	<.01	4	80	30	<5	<20	4	0.15	<10	137	<10	<1	42
106	L0+40W- 0+00 BL	-	1.0	4.79	5	35	15	0.19	<1	12	43	31	5.24	<10	0.36	128	1	0.02	20	450	90	<5	<20	11	0.15	<10	139	<10	4	244
115	L0+40W- 1+00 N	-	<.2	1.61	<5	10	<5	0.09	<1	3	27	12	0.53	<10	0.12	45	<1	<.01	4	220	12	<5	<20	4	0.06	<10	31	<10	3	33
124	L0+40W- 1+00 S	>1000	7.0	1.45	35	35	15	0.09	<1	9	18	17	2.77	<10	0.27	69	<1	<.01	9	70	164	<5	<20	5	0.31	<10	148	<10	3	81
133	L0+60W- 0+10 S	<5	<.2	3.69	5	65	30	0.06	1	11	47	18	9.09	<10	0.26	102	10	<.01	16	140	56	<5	<20	6	0.27	<10	267	<10	<1	306
141	L0+60W- 0+00 S	<5	<.2	3.54	<5	60	30	0.26	<1	20	53	19	7.60	<10	0.31	237	<1	0.01	12	240	48	<5	<20	8	0.30	<10	194	<10	5	60
150	L0+80W- 0+80 N	<5	<.2	0.44	<5	<5	10	0.11	<1	6	14	2	0.61	<10	0.12	62	<1	<.01	4	20	8	<5	<20	2	0.26	<10	112	<10	3	8
159	L0+80W- 0+70 S	<5	<.2	> 15	10	25	10	0.10	<1	7	58	14	4.26	<10	0.09	46	<1	0.02	4	270	<2	<5	<20	7	0.15	<10	127	<10	3	25
168	L0+80W- 0+60 N	<5	<.2	4.43	<5	30	20	0.11	<1	11	74	19	6.36	<10	0.08	37	<1	<.01	4	120	26	<5	<20	3	0.38	<10	242	<10	3	29
176	L0+80W- 0+40 S	<5	<.2	0.44	<5	5	5	0.06	<1	3	8	2	0.40	<10	0.07	49	<1	<.01	<1	80	8	<5	<20	4	0.12	<10	27	<10	3	16
185	L1+00E- 0+30 N	<5	<.2	5.19	10	30	10	0.23	<1	16	38	22	3.08	<10	0.23	510	3	0.02	13	750	30	<5	<20	11	0.10	<10	97	<10	6	71
194	L1+00E- 0+70 S	20	<.2	1.53	<5	55	15	0.27	<1	8	37	18	2.45	<10	0.42	132	<1	<.01	8	270	316	<5	<20	8	0.25	<10	99	<10	9	94
203	L2+00E- 0+70 N	<5	<.2	4.53	15	20	<5	0.26	<1	5	44	22	1.41	<10	0.16	60	<1	0.02	7	830	28	<5	<20	10	0.09	<10	84	<10	8	27
211	L2+00E- 0+50 S	<5	<.2	0.32	<5	15	10	0.06	<1	3	13	2	0.66	<10	0.03	17	<1	<.01	<1	80	30	<5	<20	6	0.19	<10	29	<10	5	10
220	L2+80W- 0+40 N	<5	<.2	0.61	<5	10	5	0.09	<1	3	17	5	0.41	<10	0.08	27	<1	<.01	2	140	14	<5	<20	4	0.12	<10	32	<10	4	17
229	L2+80W- 0+50 S	<5	<.2	0.64	35	20	15	0.06	<1	5	8	3	0.59	<10	0.07	44	<1	<.01	<1	40	40	<5	<20	5	0.29	<10	93	<10	7	11
238	L3+00W- 0+70 N	<5	<.2	4.97	15	15	5	0.09	<1	4	54	13	1.37	<10	0.09	37	<1	0.01	3	340	28	<5	40	7	0.14	<10	64	<10	6	19
246	L3+20W- 0+70 N	<5	<.2	1.03	<5	15	<5	0.15	<1	4	21	8	0.67	<10	0.19	56	<1	0.01	6	260	10	<5	<20	6	0.06	<10	30	<10	3	22
255	L3+20W- 0+80 S	<5	<.2	1.33	<5	15	10	0.20	<1	5	22	7	0.66	<10	0.11	51	<1	0.01	3	160	14	<5	<20	6	0.18	<10	39	<10	7	25

ASHWORTH EXPLORATION LTD. AK 95-1125 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																														
Repeat:																														
264	L3+40W- 0+60 N	<5	<.2	0.33	<5	5	10	0.09	<1	4	16	5	0.56	<10	0.05	34	<1	<.01	2	160	10	<5	<20	4	0.20	<10	65	<10	4	17
273	L3+40W- 0+70 S	<5	<.2	0.43	<5	10	5	0.19	<1	3	8	17	0.63	<10	0.14	62	<1	0.02	3	290	14	<5	<20	6	0.10	<10	43	<10	2	56
281	L3+60W- 0+40 N	50	<.2	5.23	35	35	20	0.11	<1	14	136	30	5.36	<10	0.53	139	<1	0.01	24	190	36	<5	<20	5	0.27	<10	140	<10	4	38
290	L3+60W- 0+40 S	<5	<.2	2.54	<5	60	35	0.07	1	12	41	11	11.40	<10	0.03	76	2	<.01	3	110	16	<5	<20	4	0.31	30	263	<10	<1	35
299	L3+80W- 0+20 N	<5	<.2	1.03	<5	25	20	0.09	1	8	31	7	4.23	<10	0.09	41	<1	<.01	5	60	10	<5	<20	3	0.24	<10	195	<10	2	23
308	L3+80W- 0+10 S	<5	<.2	3.42	30	60	30	0.07	1	14	23	21	7.72	<10	0.04	64	25	<.01	20	110	26	<5	<20	6	0.42	20	226	<10	1	121
316	L4+00W- 0+10 N	<5	<.2	0.25	<5	10	<5	0.03	<1	<1	<1	1	0.27	<10	0.03	33	<1	<.01	<1	110	6	<5	<20	4	0.05	<10	9	<10	<1	10
325	L4+00W- 1+00 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO'95		150	1.0	1.62	65	155	<5	1.70	<1	17	56	76	3.98	<10	0.87	675	2	0.01	24	690	20	<5	<20	51	0.09	<10	76	<10	3	75
GEO'95		145	1.0	1.78	65	155	<5	1.86	<1	19	67	74	3.65	<10	1.01	700	<1	0.01	25	660	20	<5	<20	59	0.10	<10	80	<10	5	70
GEO'95		150	1.0	1.79	65	150	<5	1.86	<1	20	66	74	3.89	<10	1.00	700	<1	0.02	24	670	20	5	<20	58	0.09	<10	78	<10	6	71
GEO'95		150	1.0	1.82	65	155	<5	1.87	<1	17	66	75	3.76	<10	1.01	643	<1	0.02	25	660	40	5	<20	58	0.10	<10	73	<10	5	77
GEO'95		150	1.0	1.70	70	170	5	1.73	<1	18	66	81	3.93	<10	1.01	685	<1	0.02	27	710	24	<5	<20	59	0.11	<10	76	<10	6	75
GEO'95		150	1.0	1.79	65	155	<5	1.83	<1	18	57	76	3.76	<10	1.00	647	<1	0.02	24	730	22	5	<20	54	0.11	<10	72	<10	7	75
GEO'95		150	4.2	1.71	65	155	<5	1.82	<1	18	60	77	3.85	<10	1.01	657	<1	0.02	25	710	20	<5	<20	55	0.12	<10	75	<10	7	76
GEO'95		150	1.0	1.81	70	155	10	1.79	<1	18	58	76	3.82	<10	0.96	649	<1	0.02	23	700	22	<5	<20	55	0.11	<10	75	<10	6	76
GEO'95		150	1.2	1.70	70	160	<5	1.76	<1	18	60	78	3.98	<10	0.95	678	<1	0.02	22	720	22	<5	<20	58	0.12	<10	78	<10	5	78
GEO'95		-	1.2	1.82	65	155	<5	1.90	<1	18	59	77	3.85	<10	0.90	666	<1	0.02	24	730	22	<5	<20	54	0.11	<10	74	<10	6	76

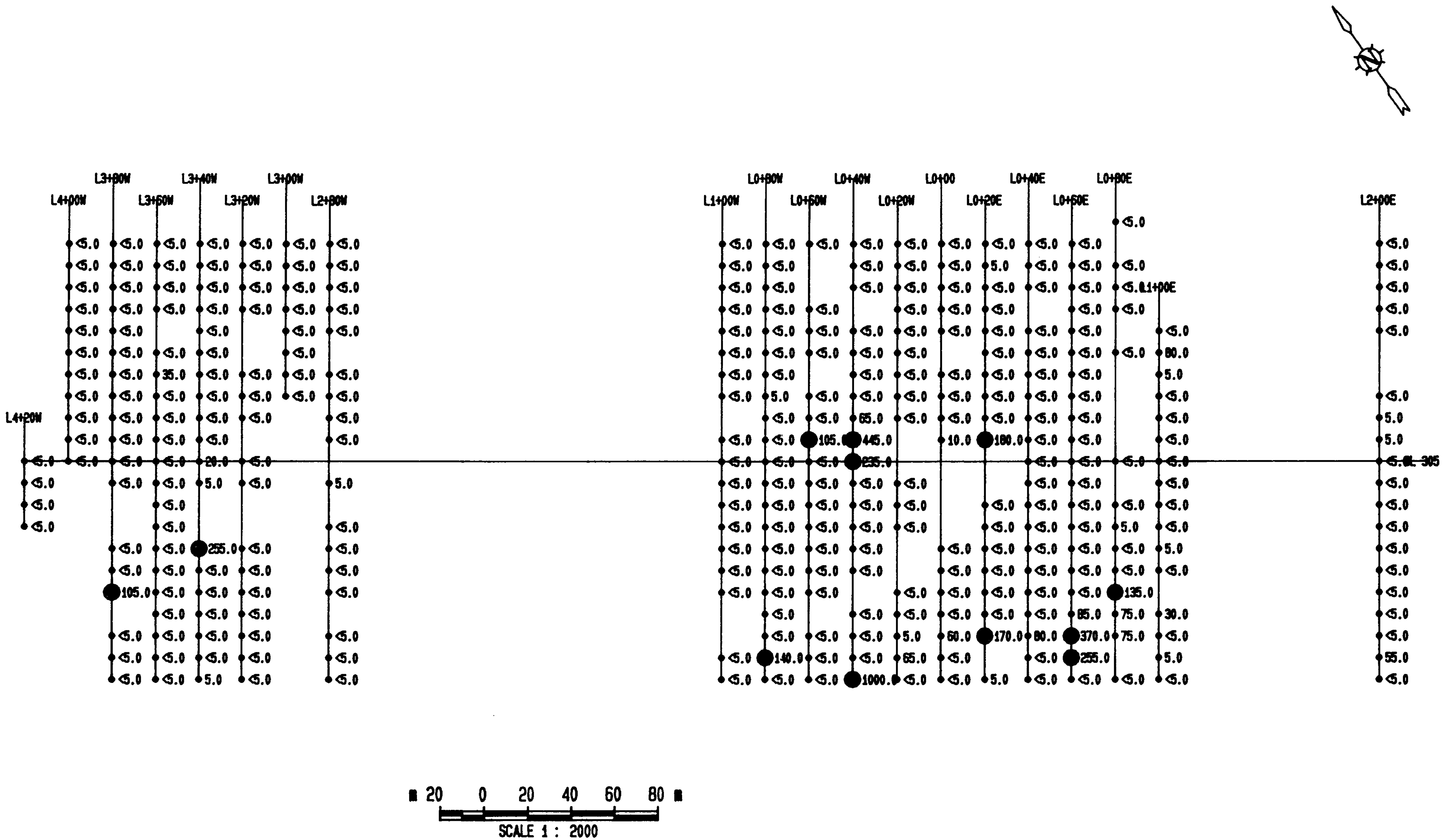
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1125/1133/1131/1125B
XLS/Ashworth

SECTION IV

APPENDIX IV

1995 Geochemical soil survey plots and geostatistics



EW Grove Consultants
4581 Boulderwood Drive
Victoria, B.C.
V8Y 3A5

DATE: 02/13/96 TIME: 12:00:09

SCALE (HOR) 1:2000 SCALE (VERT) 1:2000

Software by GEMCOM Services Inc.

SOLAIA VENTURES INC. - NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA, VANCOUVER MINING DIVISION

1995 GEOCHEMICAL SOIL SURVEY - GOLD (PPB)

ANOMALOUS GOLD VALUES =>100 PPB (LARGE DOT)

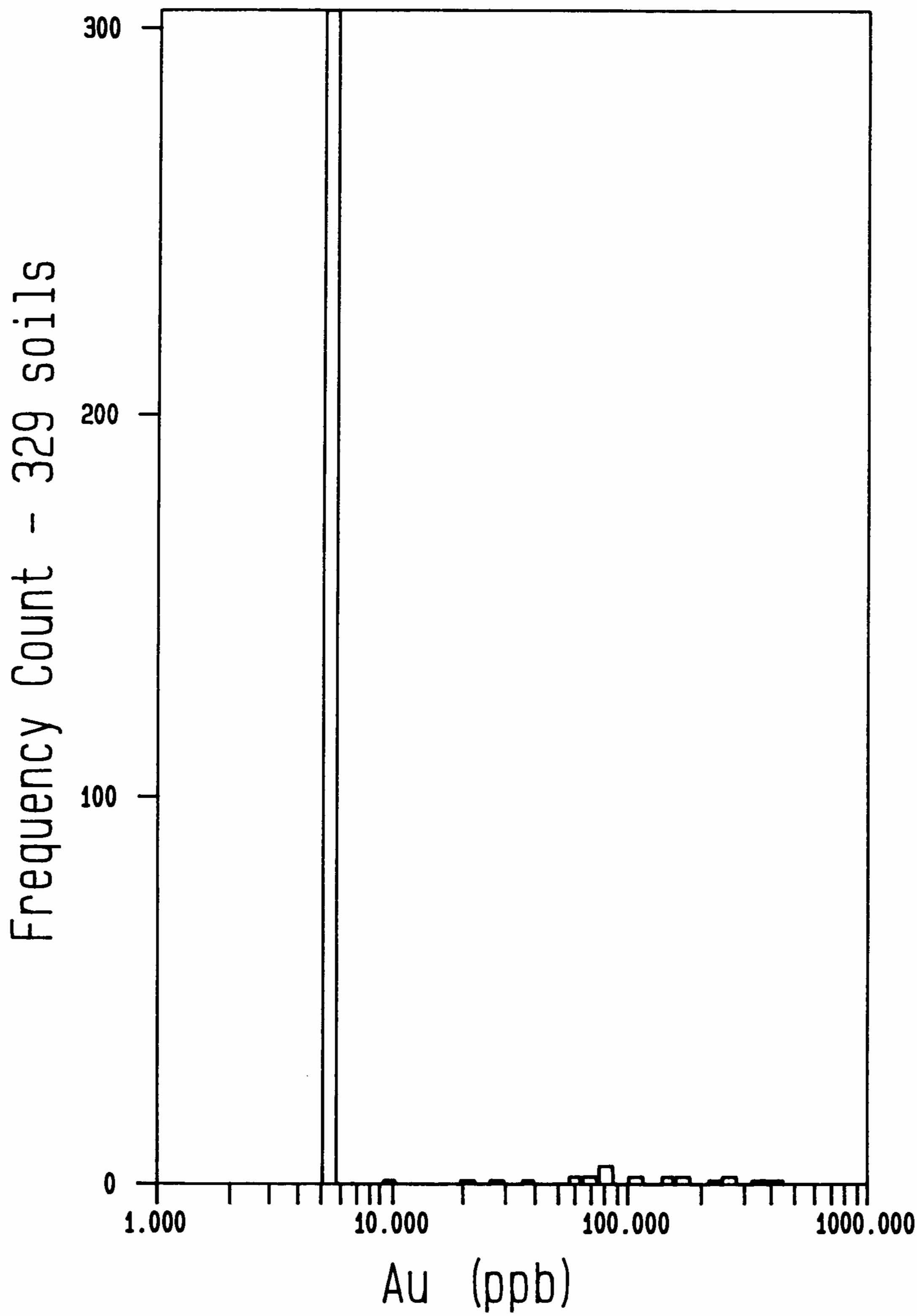
Extraction File : C:\PXDBNQ\EXTRACT\SAUPPB.MEX
Data Description : NQ SOIL GEOCHEM - GOLD (PPB)

Minimum Cutoff Value	5.000000
Maximum Cutoff Value	445.000100
Number of Samples <=0	0
Total Number of Samples Used	329
Minimum Histogram Value	5.000000
Maximum Histogram Value	445.000100
Number of Class	30
Class Interval	14.666700
Minimum Population Data point	5.000000
Maximum Population Data point	445.000000
Total Population	329

	Ungrouped Data	Grouped Data
Mean	14.148936	20.981799
Median	N/A	12.884550
Geometric Mean	6.184681	14.311169
Natural LOG Mean	1.822076	2.661040
Standard Deviation	43.832775	42.230399
Variance	1921.312165	1783.406626
Log Variance	0.631827	0.332584
Coefficient of Variation	3.097956	2.012716
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	1921.312165	1783.406626
Moment 3 about Arithmetic Mean	543911.413450	494358.452873
Moment 4 about Arithmetic Mean	187428570.798956	165263069.854657
Moment Coefficient of Skewness	50.773830	51.960709
Moment Coefficient of Kurtosis	6.458494	6.563967

LOG Normal Histogram

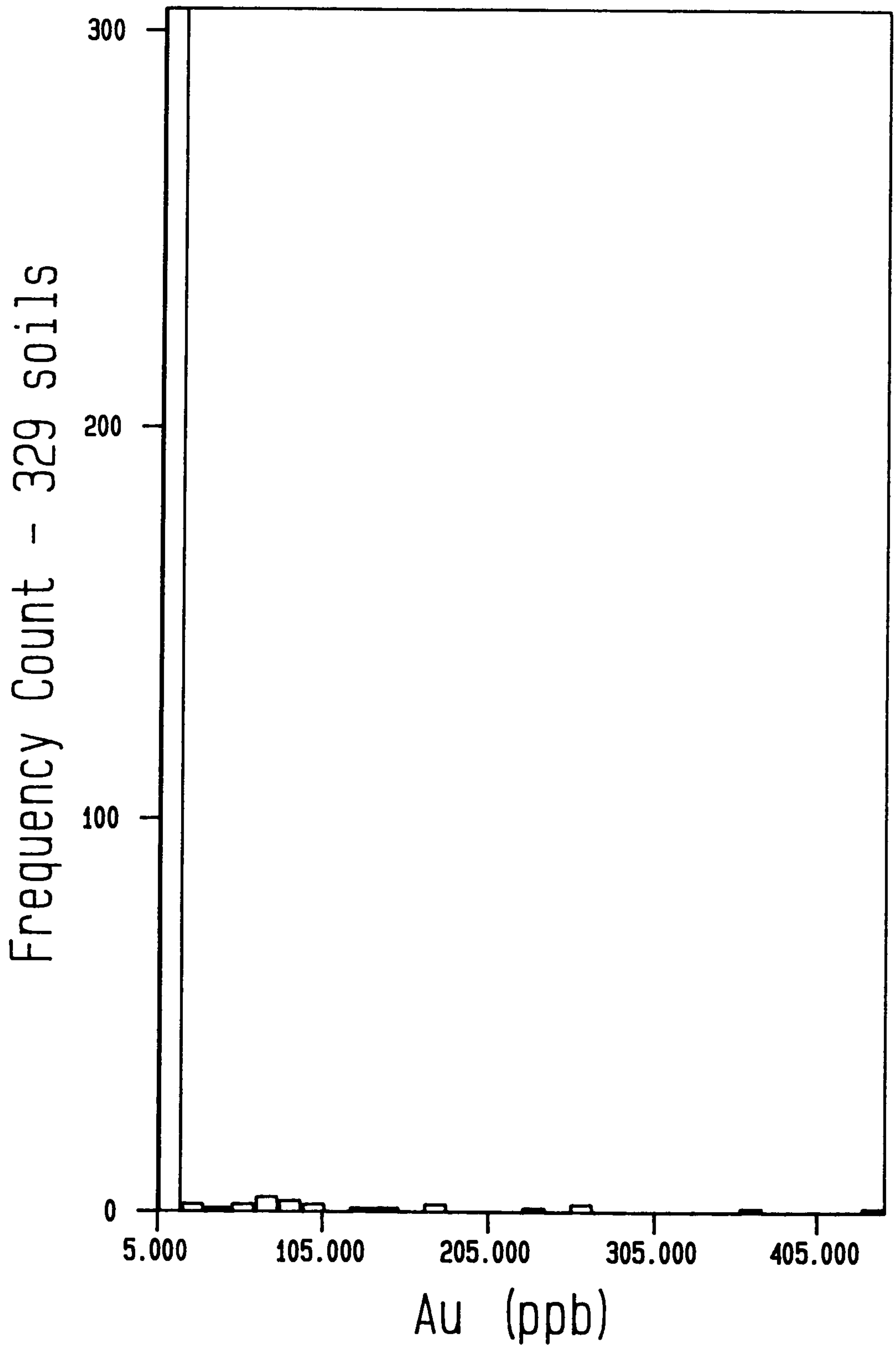
NQ SOIL GEOCHEM - GOLD (PPB)

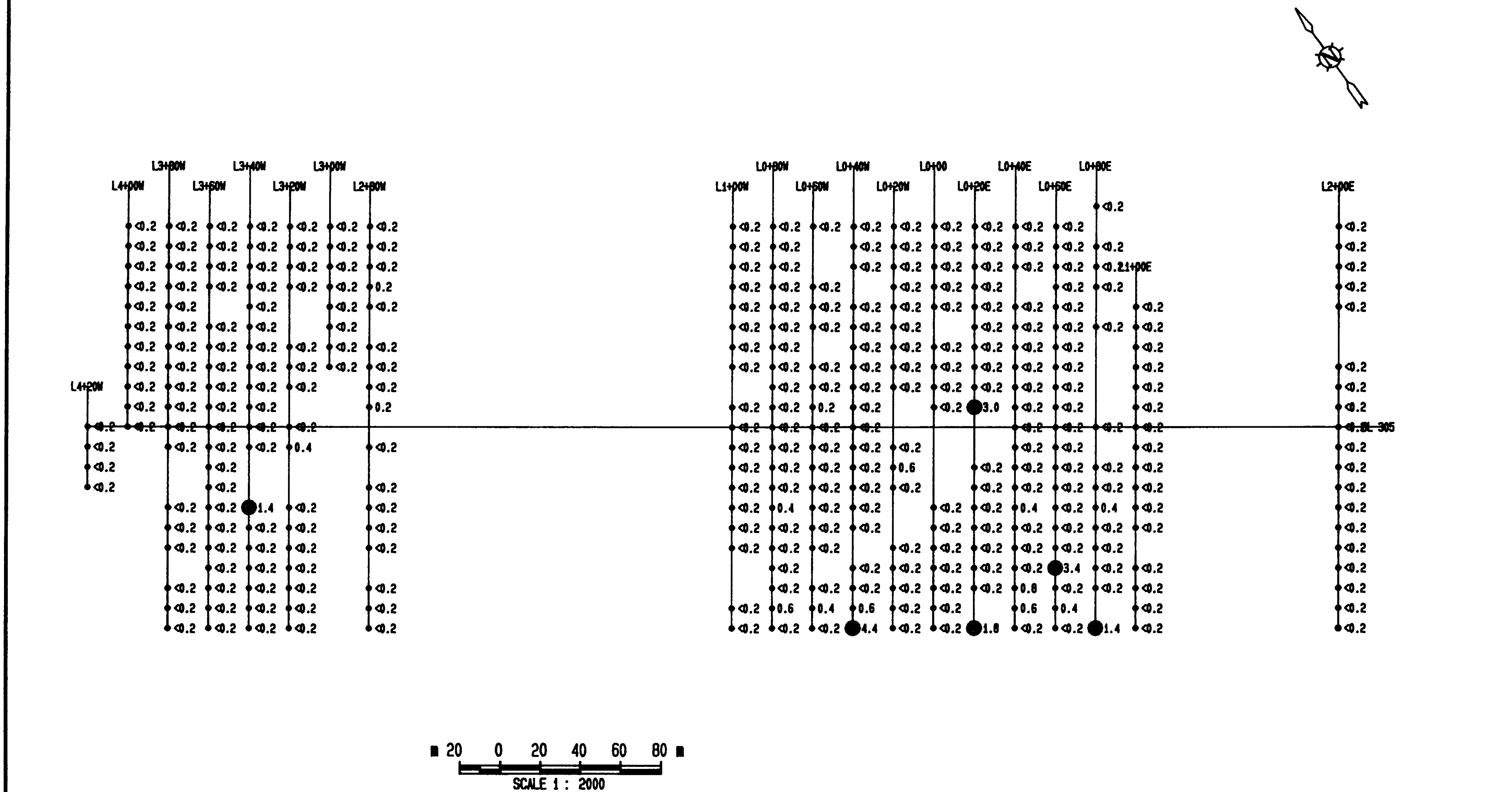


E. W. Grove Consultants Ltd.

Normal Histogram

NQ SOIL GEOCHEM - GOLD (PPB)





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V8Y 3A5

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SCALE (HOR) 1:2000 SCALE (VERT) 1:2000

SOLAIA VENTURES INC. - NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA, VANCOUVER MINING DIVISION

1995 GEOCHEMICAL SOIL SURVEY - SILVER (PPM)

ANOMALOUS SILVER VALUES => 1 PPM (LARGE DOT)

Software by GEMCOM Services Inc.

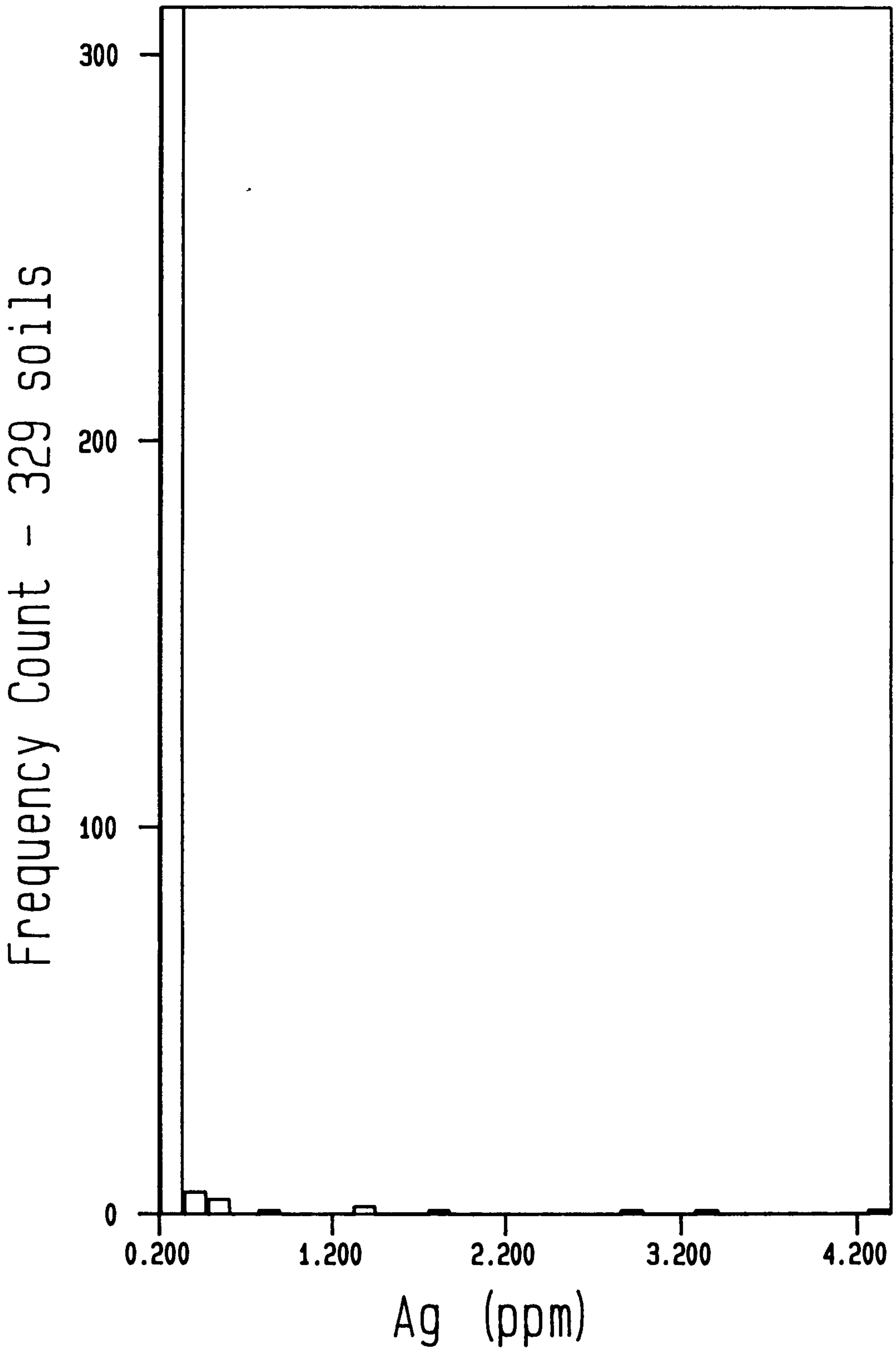
Extraction File : C:\PXDBNQ\EXTRACT\SAGPPM.MEX
Data Description : NQ SOIL GEOCHEM - AG (PPM)

Minimum Cutoff Value	0.200000
Maximum Cutoff Value	4.400100
Number of Samples <=0	0
Total Number of Samples Used	329
Minimum Histogram Value	0.200000
Maximum Histogram Value	4.400100
Number of Class	30
Class Interval	0.140000
Minimum Population Data point	0.200000
Maximum Population Data point	4.400000
Total Population	329

	Ungrouped Data	Grouped Data
Mean	0.253495	0.318936
Median	N/A	0.273814
Geometric Mean	0.215568	0.286341
Natural LOG Mean	-1.534481	-1.250571
Standard Deviation	0.354984	0.339331
Variance	0.126014	0.115146
Log Variance	0.137082	0.097004
Coefficient of Variation	1.400356	1.063947
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	0.126014	0.115146
Moment 3 about Arithmetic Mean	0.395672	0.352901
Moment 4 about Arithmetic Mean	1.397767	1.207868
Moment Coefficient of Skewness	88.023740	91.101246
Moment Coefficient of Kurtosis	8.845231	9.031957

Normal Histogram

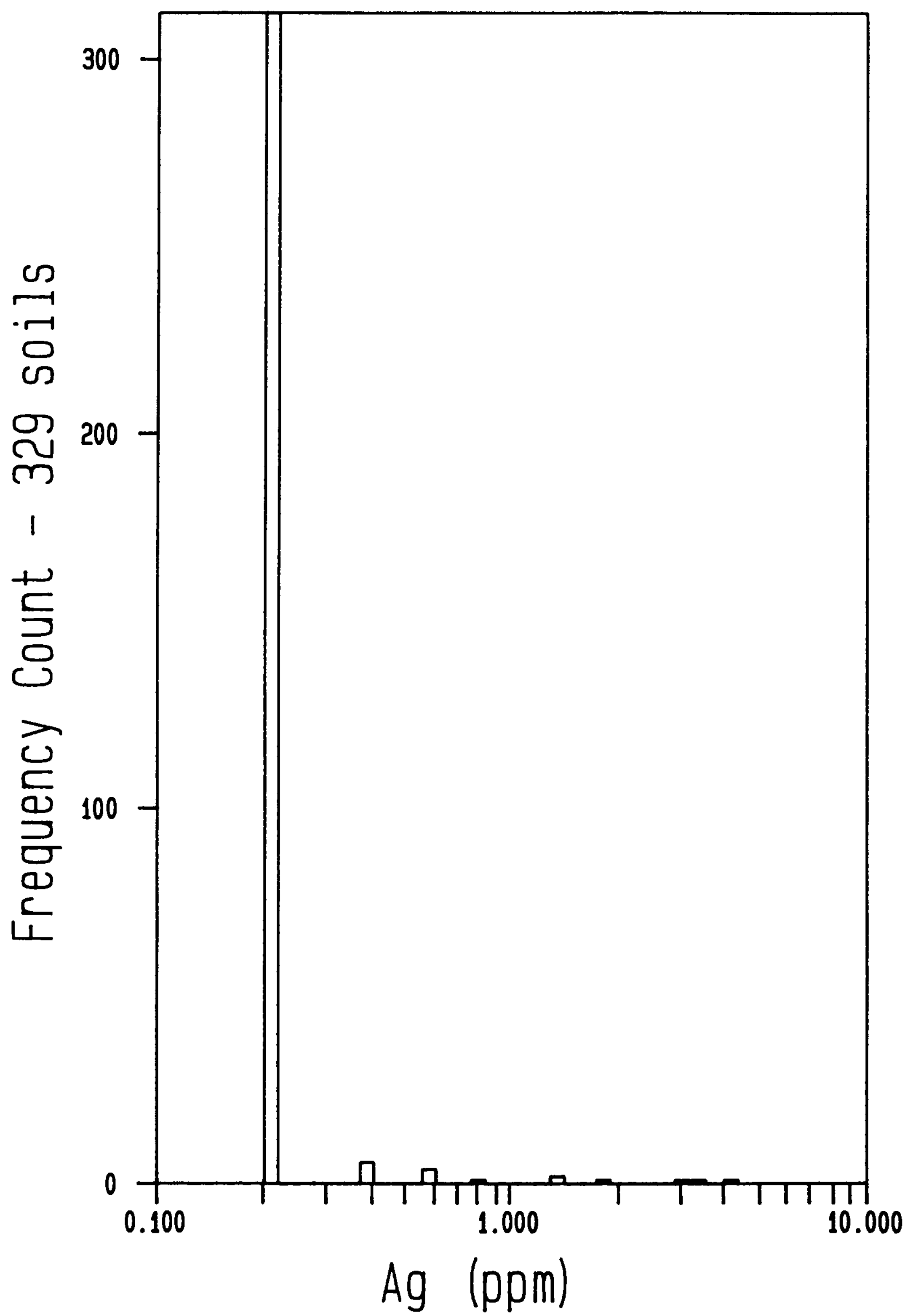
NQ SOIL GEOCHEM - AG (PPM)

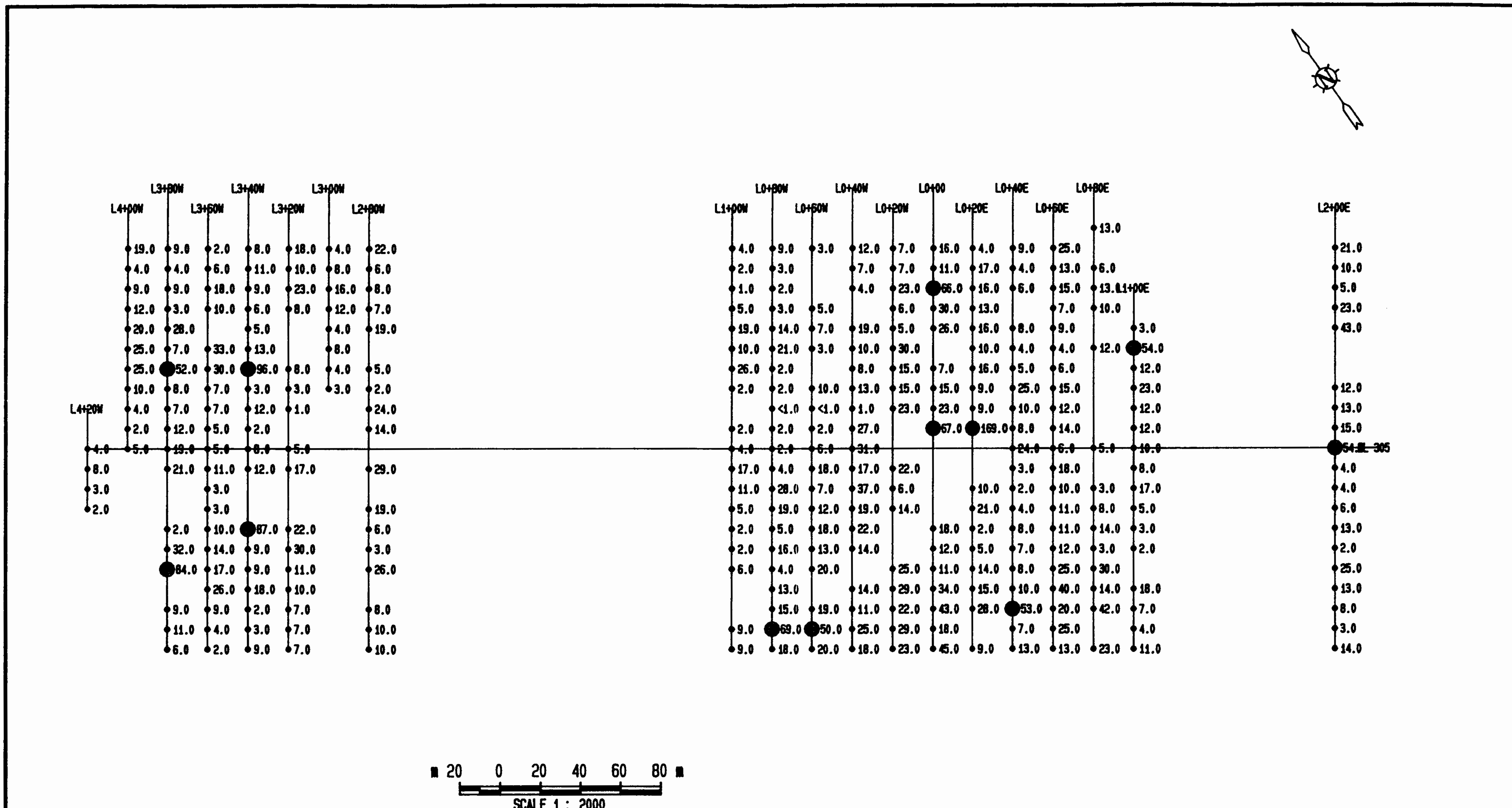


E. W. Grove Consultants Ltd.

LOG Normal Histogram

NQ SOIL GEOCHEM - AG (PPM)





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4581 Boulderwood Drive
Victoria, B.C.
V8Y 3A5

DATE: 02/13/96 TIME: 11:29:25

SCALE (HOR) 1:2000 SCALE (VERT) 1:2000

SOLAIA VENTURES INC. - NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA, VANCOUVER MINING DIVISION

1995 GEOCHEMICAL SOIL SURVEY - COPPER (PPM)

ANOMALOUS COPPER VALUES =>46 PPM (LARGE DOT)

Software by GEMCOM Services Inc.

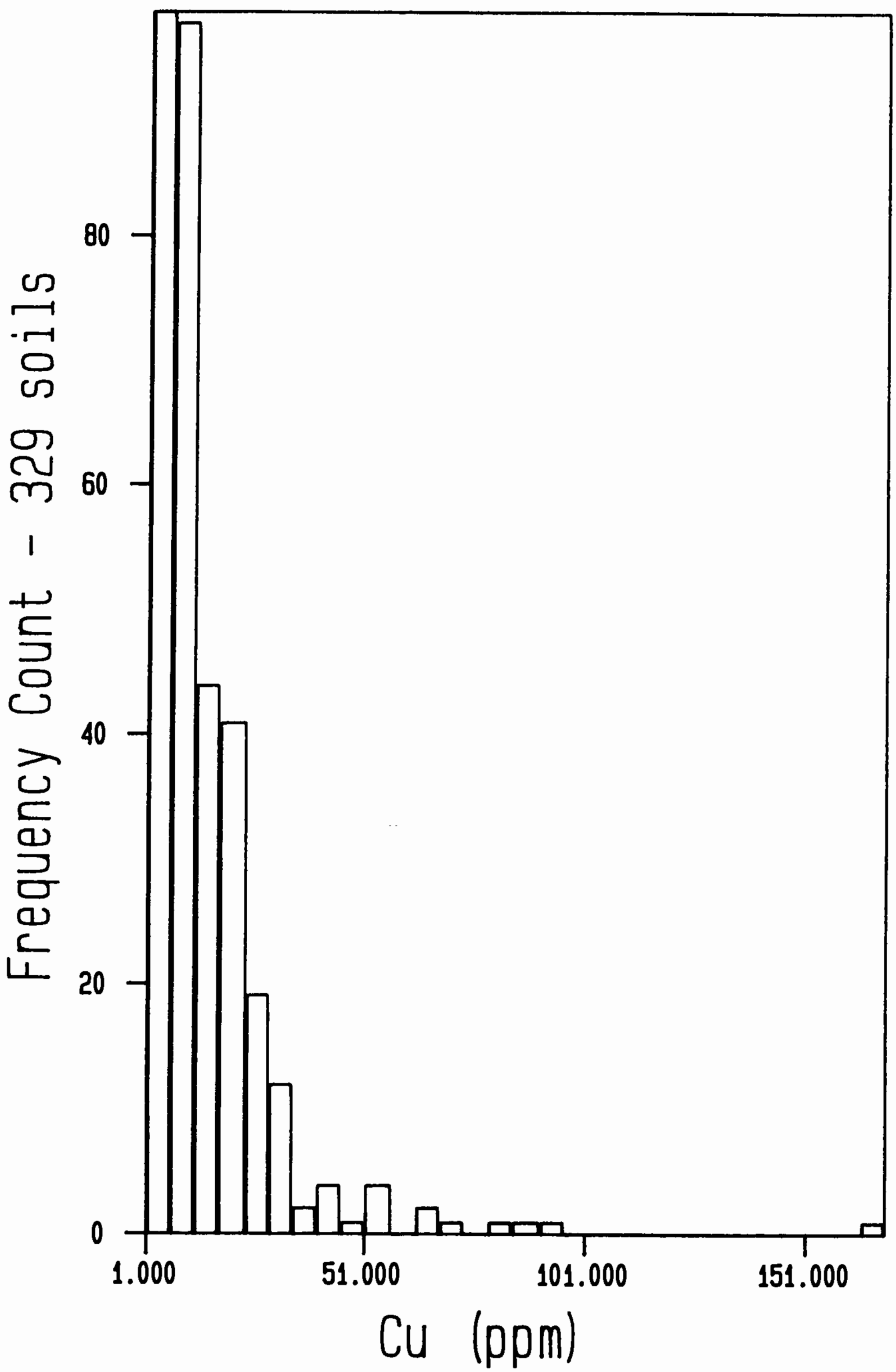
Extraction File : C:\PXDBNQ\EXTRACT\SCUPPM.MEX
Data Description : NQ SOIL GEOCHEM - CU (PPM)

Minimum Cutoff Value	1.000000
Maximum Cutoff Value	169.000100
Number of Samples <=0	0
Total Number of Samples Used	329
Minimum Histogram Value	1.000000
Maximum Histogram Value	169.000100
Number of Class	30
Class Interval	5.600000
Minimum Population Data point	1.000000
Maximum Population Data point	169.000000
Total Population	329

	Ungrouped Data	Grouped Data
Mean	14.389058	14.625532
Median	N/A	10.439175
Geometric Mean	9.726179	10.330045
Natural LOG Mean	2.274821	2.335057
Standard Deviation	15.832347	15.671392
Variance	250.663224	245.592540
Log Variance	0.803026	0.647321
Coefficient of Variation	1.100305	1.071509
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	250.663224	245.592540
Moment 3 about Arithmetic Mean	17497.087986	16642.936385
Moment 4 about Arithmetic Mean	2151413.179807	1995118.917100
Moment Coefficient of Skewness	34.240696	33.077939
Moment Coefficient of Kurtosis	4.408896	4.324214

Normal Histogram

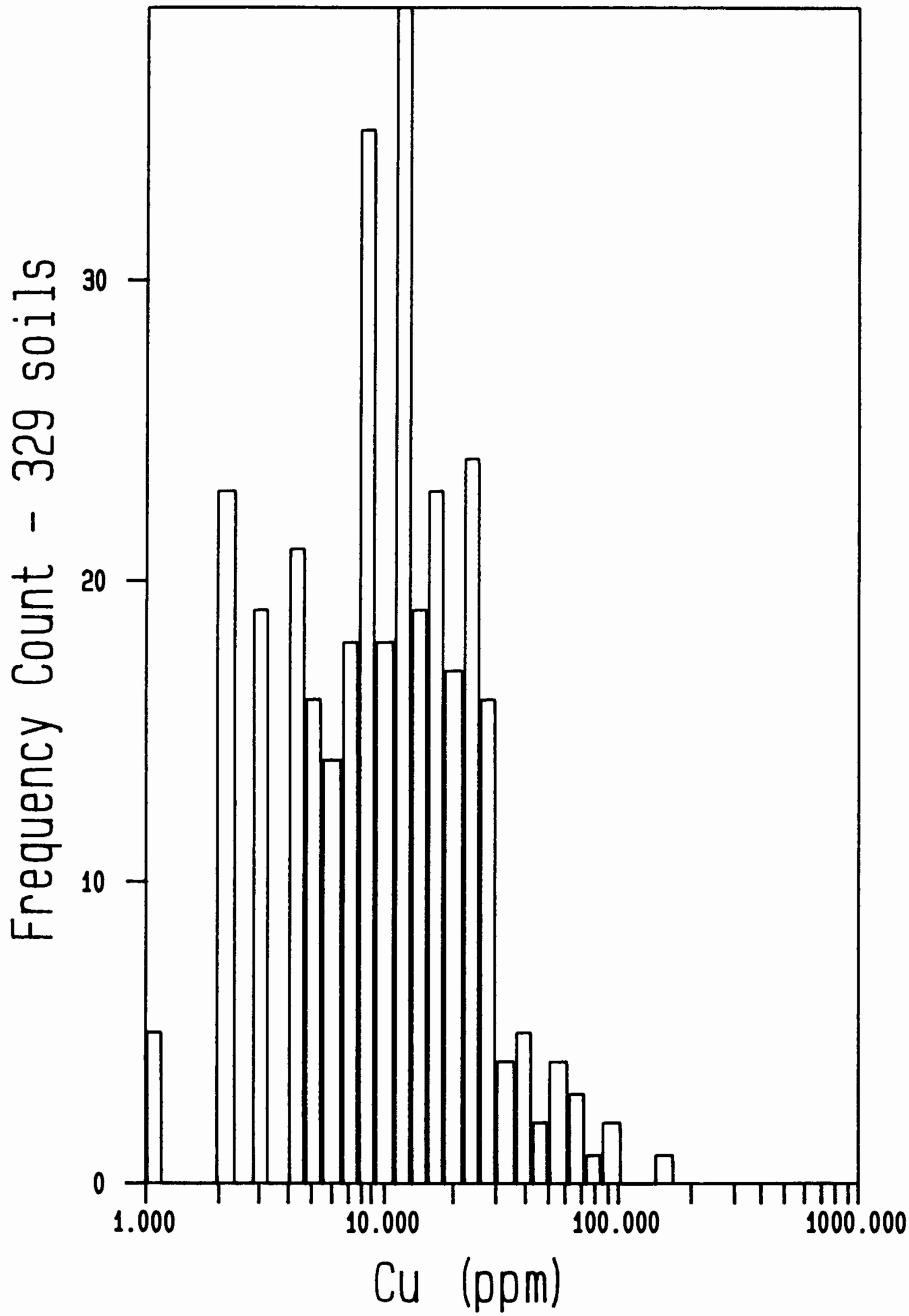
NQ SOIL GEOCHEM - CU (PPM)



E. W. Grove Consultants Ltd.

LOG Normal Histogram

NQ SOIL GEOCHEM - CU (PPM)



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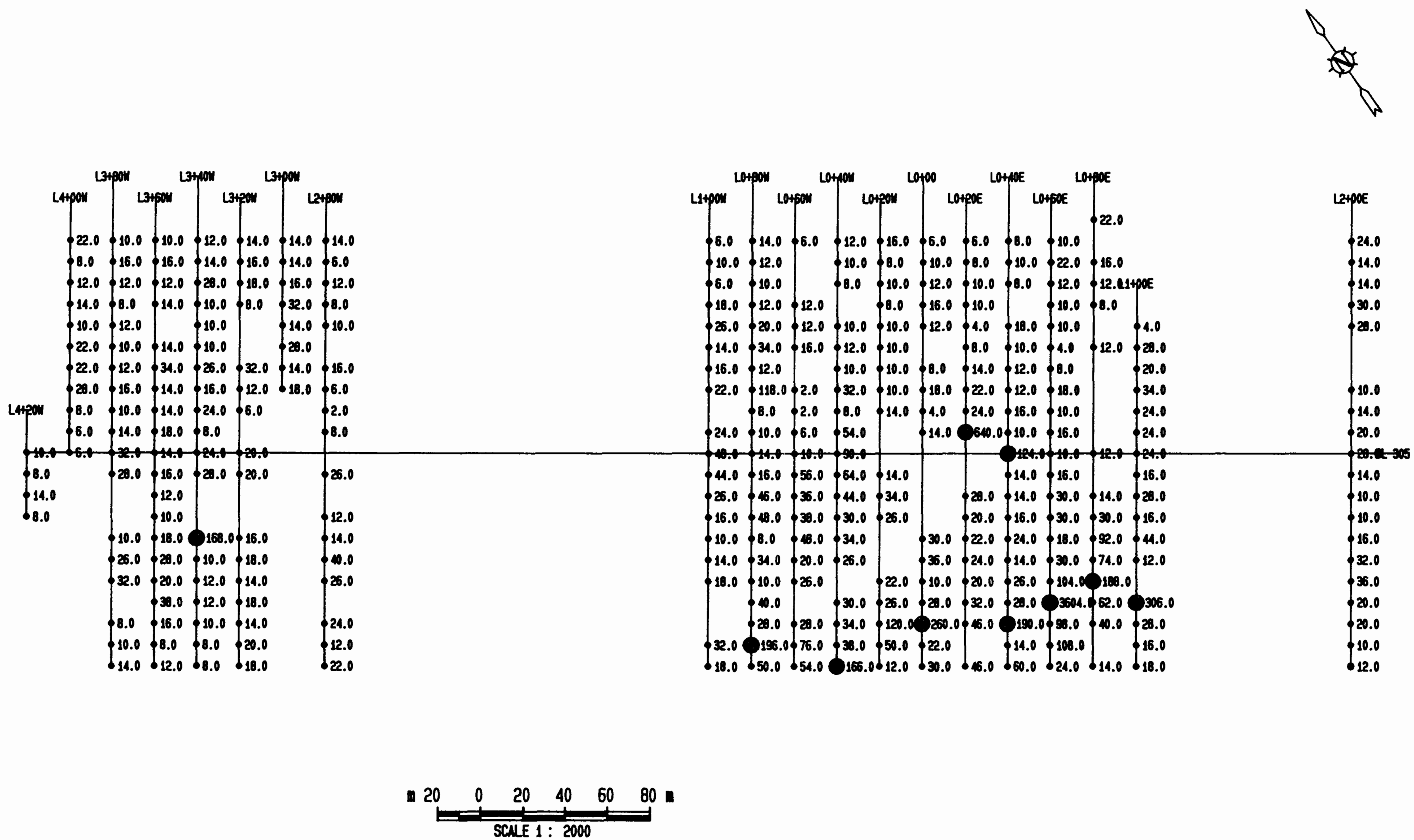


EW Grove Consultants
4581 Boulderwood Drive
Victoria, B.C.
V8Y 3A5

DATE: 02/13/96 TIME: 11:04:15

SCALE (HOR) 1:2000 SCALE (VERT) 1:2000

SOLAIA VENTURES INC. - NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA, VANCOUVER MINING DIVISION

1995 GEOCHEMICAL SOIL SURVEY - LEAD (PPM)

ANOMALOUS LEAD VALUES =>123 PPM (LARGE DOT)

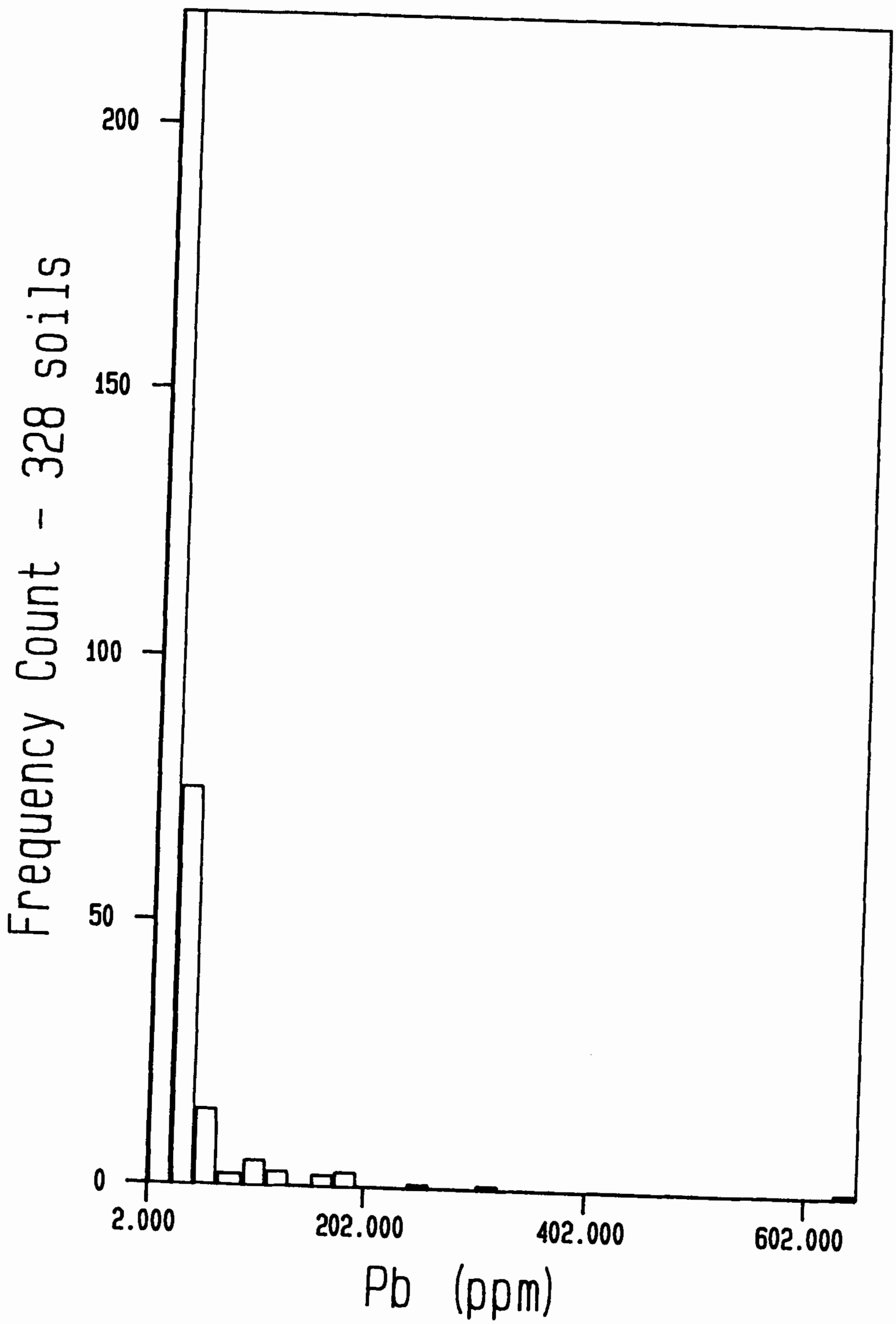
Extraction File : C:\PXDBNQ\EXTRACT\SPBPPM.MEX
Data Description : NQ SOIL GEOCHEM - PB (PPM)

Minimum Cutoff Value	2.000000
Maximum Cutoff Value	650.000000
Number of Samples <=0	0
Total Number of Samples Used	328
Minimum Histogram Value	2.000000
Maximum Histogram Value	650.000000
Number of Class	30
Class Interval	21.600000
Minimum Population Data point	2.000000
Maximum Population Data point	3604.000000
Total Population	329

	Ungrouped Data	Grouped Data
Mean	27.164634	28.341463
Median	N/A	18.028959
Geometric Mean	17.789851	19.530870
Natural LOG Mean	2.878628	2.971996
Standard Deviation	47.715848	47.440237
Variance	2276.802164	2250.576086
Log Variance	0.605577	0.477662
Coefficient of Variation	1.756543	1.673881
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	2276.802164	2250.576086
Moment 3 about Arithmetic Mean	875572.446908	862890.346050
Moment 4 about Arithmetic Mean	467635733.217279	461380071.177001
Moment Coefficient of Skewness	90.210502	91.090153
Moment Coefficient of Kurtosis	8.059427	8.081930

Normal Histogram

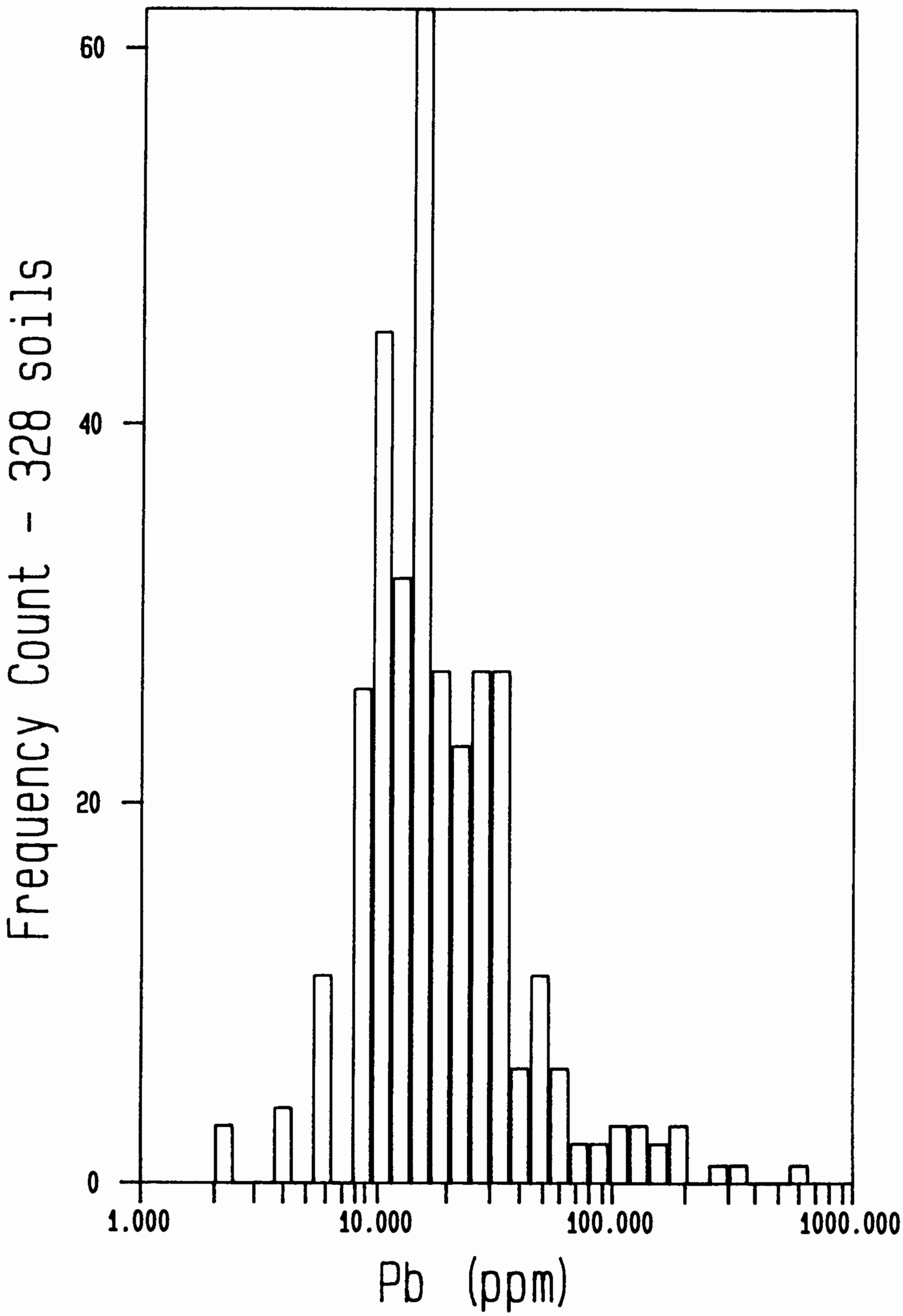
NQ SOIL GEOCHEM - PB (PPM)



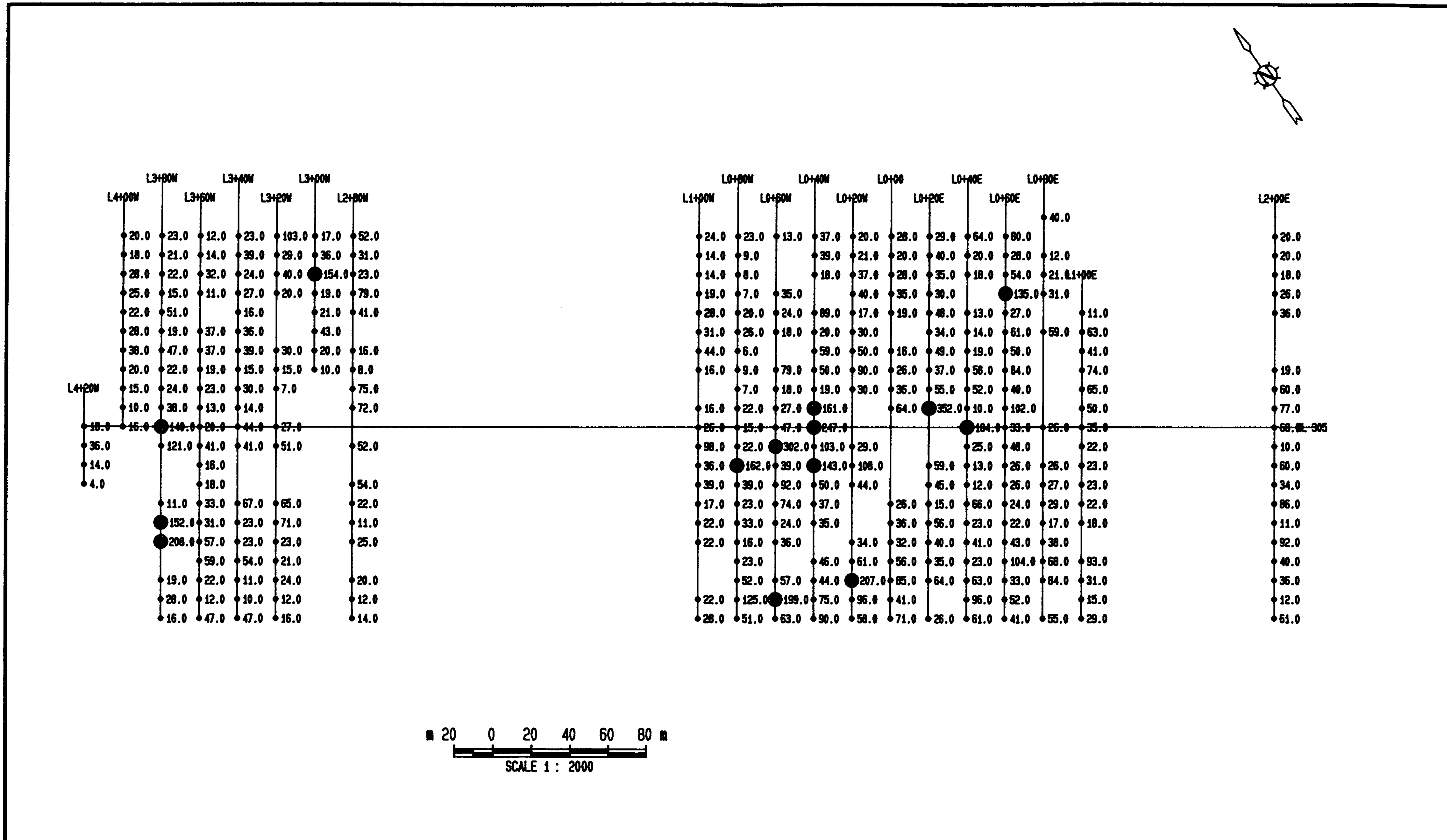
E. W. Grove Consultants Ltd.

LOG Normal Histogram

NQ SOIL GEOCHEM - PB (PPM)



E. W. Grove Consultants Ltd.



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V8Y 3A5

DATE: 02/13/96 TIME: 11:20:52

SCALE (HOR) 1:2000 SCALE (VERT) 1:2000

SOLAIA VENTURES INC. - NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA, VANCOUVER MINING DIVISION

1995 GEOCHEMICAL SOIL SURVEY - ZINC (PPM)

ANOMALOUS ZINC VALUES =>126 PPM (LARGE DOT)

Software by GEMCOM Services Inc.

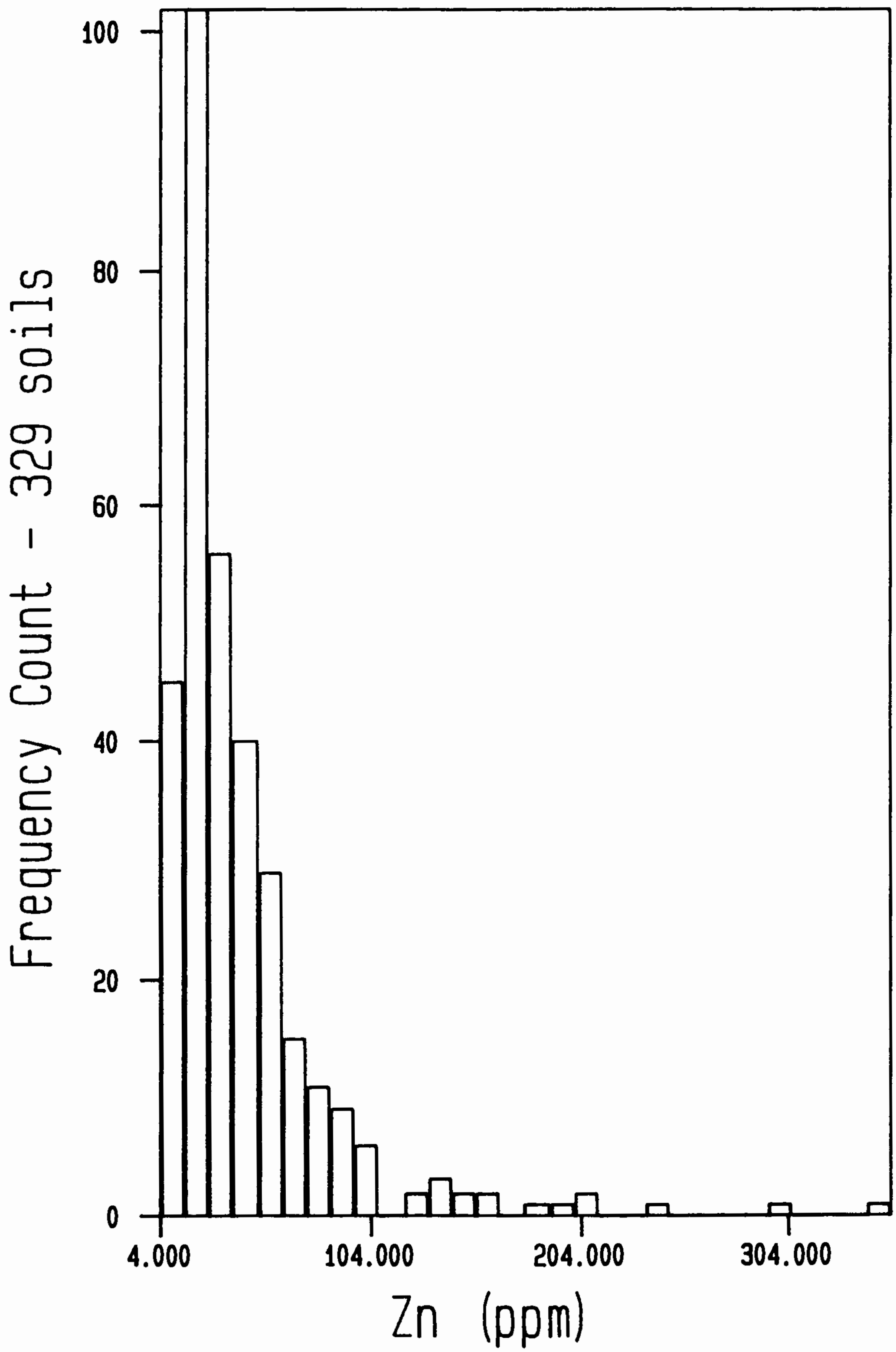
Extraction File : C:\PXDBNQ\EXTRACT\SZNPPM.MEX
Data Description : NQ SOIL GEOCHEM - ZN (PPM)

Minimum Cutoff Value	4.000000
Maximum Cutoff Value	352.000100
Number of Samples <=0	0
Total Number of Samples Used	329
Minimum Histogram Value	4.000000
Maximum Histogram Value	352.000100
Number of Class	30
Class Interval	11.600000
Minimum Population Data point	4.000000
Maximum Population Data point	352.000000
Total Population	329

	Ungrouped Data	Grouped Data
Mean	43.136778	43.083891
Median	N/A	30.825000
Geometric Mean	32.405246	32.199564
Natural LOG Mean	3.478320	3.471953
Standard Deviation	41.517742	41.205604
Variance	1723.722933	1697.901777
Log Variance	0.520088	0.537421
Coefficient of Variation	0.962467	0.956404
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	1723.722933	1697.901777
Moment 3 about Arithmetic Mean	245815.342134	235052.336154
Moment 4 about Arithmetic Mean	57793548.595914	54435665.159714
Moment Coefficient of Skewness	19.451112	18.882453
Moment Coefficient of Kurtosis	3.434850	3.359663

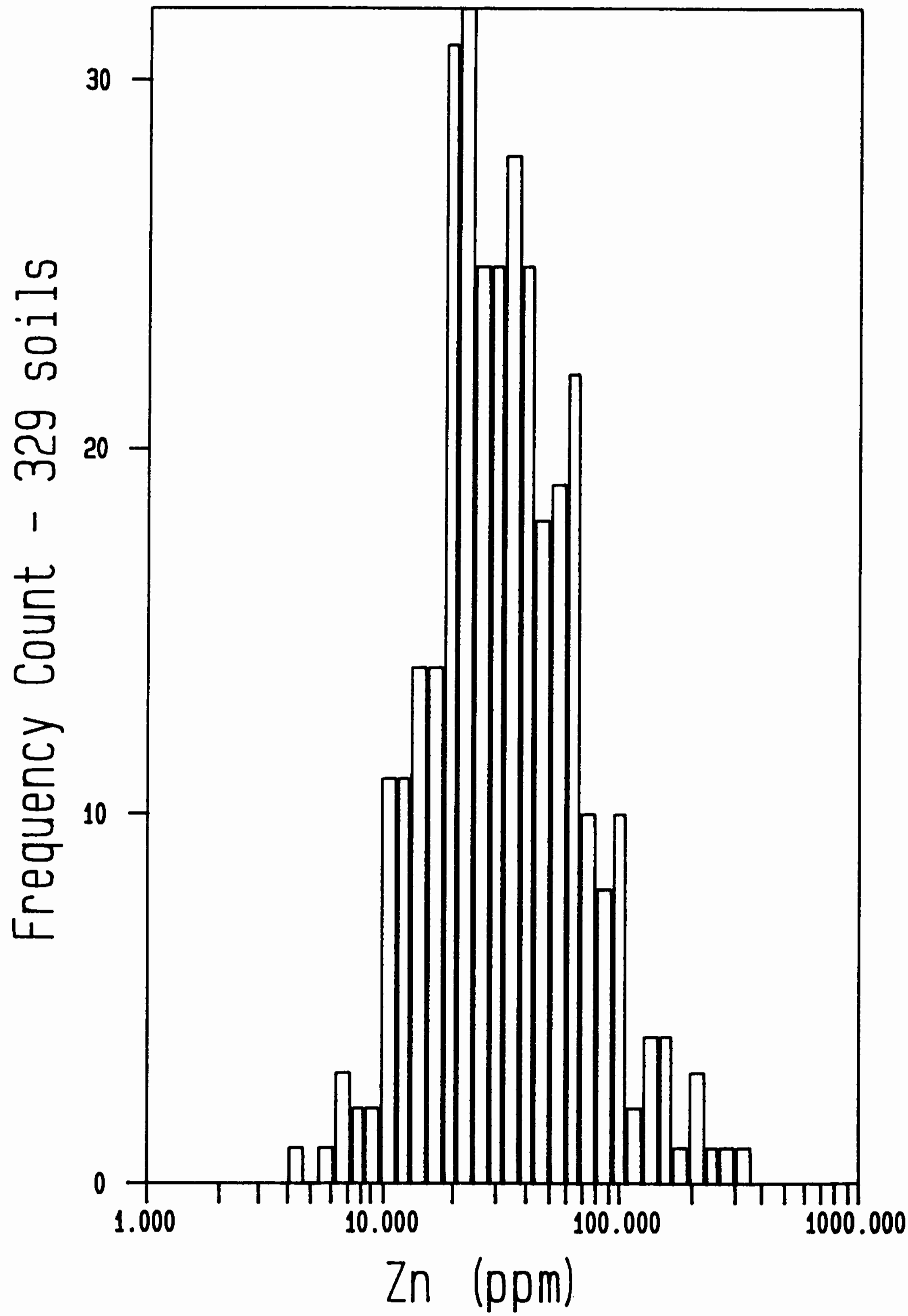
Normal Histogram

NQ SOIL GEOCHEM - ZN (PPM)

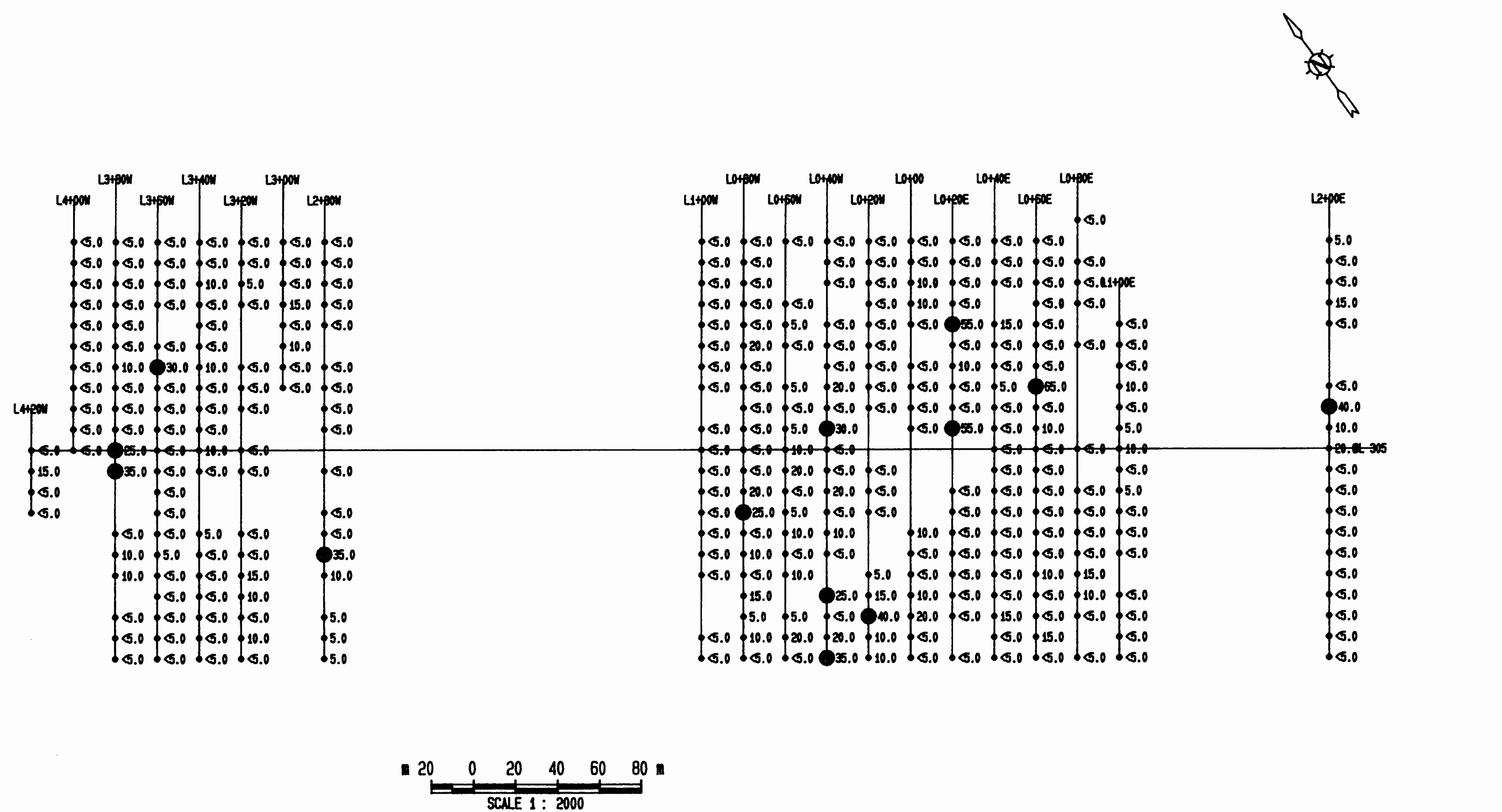


LOG Normal Histogram

NQ SOIL GEOCHEM - ZN (PPM)



E. W. Grove Consultants Ltd.



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V8Y 3A5

DATE: 02/13/96 TIME: 11:49:20

SCALE (HOR) 1:2000 SCALE (VERT) 1:2000

SOLAIA VENTURES INC. - NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA, VANCOUVER MINING DIVISION

1995 GEOCHEMICAL SOIL SURVEY - ARSENIC (PPM)

ANOMALOUS ARSENIC VALUES =>22 PPM (LARGE DOT)

Software by GEMCOM Services Inc.

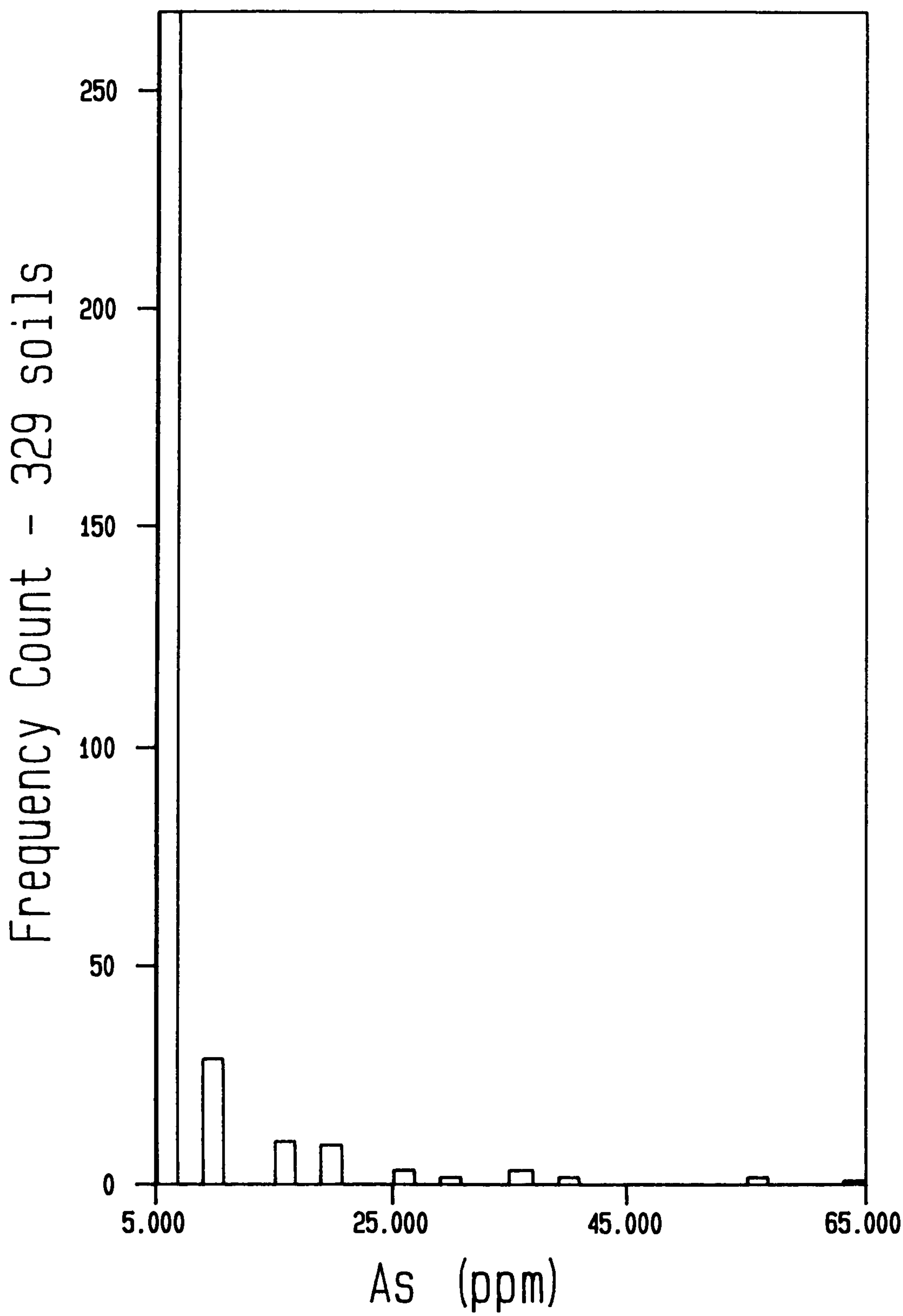
Extraction File : C:\PXDBNQ\EXTRACT\SASPPM.MEX
Data Description : NQ SOIL GEOCHEM - AS (PPM)

Minimum Cutoff Value	5.000000
Maximum Cutoff Value	65.000100
Number of Samples <=0	0
Total Number of Samples Used	329
Minimum Histogram Value	5.000000
Maximum Histogram Value	65.000100
Number of Class	30
Class Interval	2.000000
Minimum Population Data point	5.000000
Maximum Population Data point	65.000000
Total Population	329

	Ungrouped Data	Grouped Data
Mean	7.462006	8.328267
Median	N/A	6.227612
Geometric Mean	6.172952	7.180242
Natural LOG Mean	1.820177	1.971333
Standard Deviation	7.387613	7.224693
Variance	54.576824	52.196192
Log Variance	0.246097	0.193513
Coefficient of Variation	0.990030	0.867491
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	54.576824	52.196192
Moment 3 about Arithmetic Mean	1806.895210	1728.938589
Moment 4 about Arithmetic Mean	79655.899098	74924.667705
Moment Coefficient of Skewness	26.742464	27.500918
Moment Coefficient of Kurtosis	4.481471	4.584810

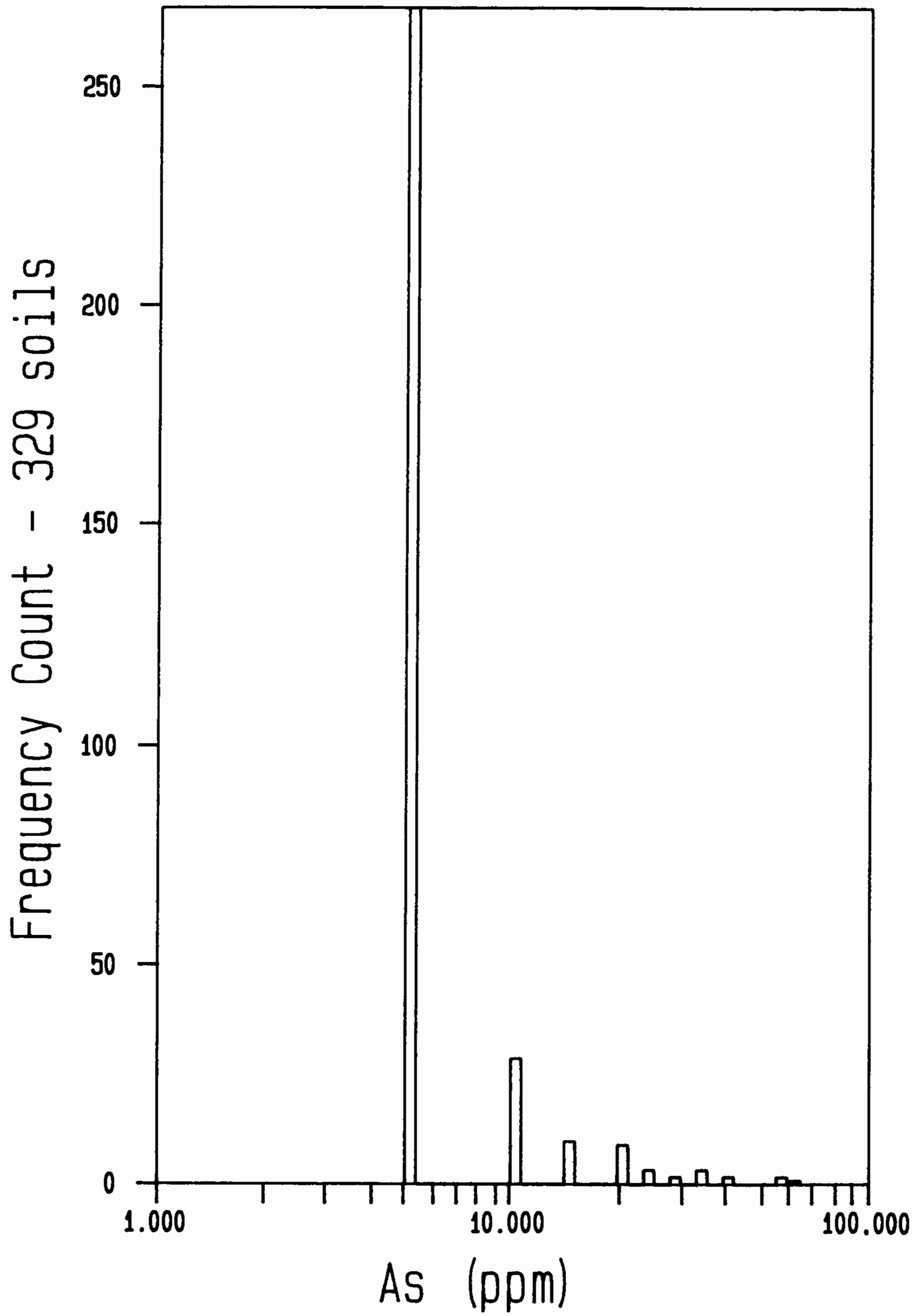
Normal Histogram

NQ SOIL GEOCHEM - AS (PPM)



LOG Normal Histogram

NQ SOIL GEOCHEM - AS (PPM)



E. W. Grove Consultants Ltd.

SECTION V

ADDENDUM

GEOPHYSICAL REPORT

ON

VLF-EM AND MAGNETIC SURVEYS

OVER THE

NUGGET QUEEN PROPERTY

SEYMOUR INLET AREA

VANCOUVER M. D., BRITISH COLUMBIA

SURVEY PERIOD	:	November 1 to 11, 1995
WRITTEN FOR	:	SOLAIA VENTURES INC. Vancouver, British Columbia
WRITTEN BY	:	David G. Mark, P.Geo., Geophysicist GEOTRONICS SURVEYS LTD. Vancouver, British Columbia
DATED	:	February 2, 1996

GEOTRONICS SURVEYS LTD.
Engineering & Mining Geophysicists
VANCOUVER, CANADA

ADDENDUM

GEOPHYSICAL REPORT

ON

VLF-EM AND MAGNETIC SURVEYS

OVER THE

NUGGET QUEEN PROPERTY

SEYMOUR INLET AREA

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DATED	:	February 2, 1996

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MAPS
(In Pocket)

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Magnetic Survey		
Contour Plan	1:1000	NQ-1
Profile Plan	1:1000	NQ-2
VLF-EM Survey		
Fraser Filter Contour Plan	1:1000	NQ-3
Tilt Angle and Quadrature Profile Plan	1:1000	NQ-4

SUMMARY

VLF-EM and magnetic surveys were carried out over the Nugget Queen Property belonging to Solaia Ventures Inc. The property is located in the Seymour Inlet area on the B.C. mainland about 35 km northeast of the town of Port Hardy.

The surveys were carried out using a Scintrex/EDA Omni-Plus proton precession magnetometer/VLF-EM unit. readings were taken every 10 m with a line spacing of 20 or 50 meters for a total survey length of 4,360 meters on 22 lines for the magnetic survey and 3,760 meters on 19 lines for the VLF-EM survey. The results were displayed as follows: (1) the magnetic survey data were plotted and contoured on a base map, (2) the VLF-EM survey Fraser-filtered tilt-angle data were plotted and contoured on a second base map, and (3) the VLF-EM survey raw tilt-angle and quadrature data were each profiled on a third base map.

The purpose of the work was to determine the correlation of the 2 geophysical surveys with the known mineralization, and if they correlate, locate additional mineralization. A secondary purpose was to aid in the geological mapping of the property.

CONCLUSIONS

1. The VLF-EM survey revealed two strong consistent conductors, labeled A and B, striking subparallel to the base line, each with a minimum strike length of 600 meters.

2. Conductor A correlates directly with veins 5 and 6 and their associated shear zones as well as the correlating soil geochemistry anomalies. The causative source(s) therefore is very likely the shear zone(s). Conductor A indicates that veins 5 and 6 may be one and the same or that each has a much greater strike length.

3. Conductor B correlates with a strong soil geochemistry anomaly with which there is no known mineralization. The suggested causative source is therefore a shear zone that contains a quartz vein mineralized with base metal sulphides containing values in gold and silver.

4. A broad magnetic high of low amplitude correlates with veins 5 and 6 and with the associated conductor A. It may be reflecting an intrusive such as a dyke or a volcanic rock-type interbedded with the metasediments. No such feature correlates with conductor B.

5. The magnetic survey also revealed 2 magnetic highs, one along the southwestern part of the grid area and one along the northeastern edge of the grid area. These highs are very likely reflecting volcanics such as that which has been mapped around vein 3.

RECOMMENDATIONS

The results from the magnetic and VLF-EM surveys are very positive and thus should be extended in all directions, especially to the northwest and to the southeast. This also holds true for the soil geochemistry survey.

An IP/resistivity survey would probably prove very useful as well. The IP survey should reflect the sulphides and therefore would more accurately determine the location of the mineralization, wherever it is unknown. This would include extensions of veins 5 and 6 as well as the causative source of conductor B and its associated soil geochemistry anomaly. The electrode spacing should be kept small, such as 10 to 15 meters, and should be done to a depth penetration of 6 separations.

ADDENDUM

GEOPHYSICAL REPORT

ON

VLF-EM AND MAGNETIC SURVEYS

OVER THE

NUGGET QUEEN PROPERTY

SEYMOUR INLET AREA

VANCOUVER M. D., BRITISH COLUMBIA

INTRODUCTION AND GENERAL REMARKS

This report discusses the instrumentation, theory, field procedure and results of VLF-EM and magnetic surveys carried out over the Nugget Queen Property located in the Seymour Inlet area on the B.C. mainland 35 km northeast of the town of Port Hardy. The geophysics were carried out from November 1 to 11, 1995, under the direction of the writer. The magnetic and VLF-EM surveys were carried out by Andrew Molnar, field technician with Ashworth Explorations Limited using a combination magnetic/VLF-EM unit. The exploration program was under the field supervision of Fayz Yacoub, P. Geo., of Ashworth Explorations. Mr. Yacoub mapped geology on the property and supplied the writer with geological maps with which to correlate the magnetic and VLF-EM survey results with.

This report is written as an addendum to a geological engineering report currently being prepared by Ted Grove, P.Eng., of EW Grove Consultants. Mr. Grove supplied the writer with a map of the anomalous soil geochemistry results that he prepared for the purpose of correlating the geophysics with.

The purpose in carrying out the magnetic and VLF-EM surveys was to determine their response to the known mineralization and if they responded, then locate additional mineralization. It was also anticipated that the magnetic, and VLF-EM surveys would assist in the mapping of the bedrock geology. The magnetic survey was expected to map lithology as well as possibly structure. The VLF-EM survey was expected to map geological structure as conductors.

MAGNETOMETER AND VLF-EM SURVEYS

(1) Instrumentation

Both the magnetic survey and the VLF-EM survey were carried out with a Scintrex/EDA Omni-Plus unit which consists of a proton precession magnetometer and a VLF-EM receiver. It is a memory system capable of storing up to 1,300 readings. This unit was used with a Scintrex/EDA Omni base station unit for the purpose of monitoring the diurnal variation of the magnetic field. The magnetometer part reads directly in gammas the Earth's total magnetic field to an accuracy of ±0.1 gamma, over a range of 18,000 - 110,000 gammas. The VLF-EM part can read up to three transmitters at the same time in the 15 to 30 kHz range. For each transmitter station, the readings consist of: (a) the in-phase, (b) the quadrature, (c) the tilt angle, and (d) the field strength. Also the instrument calculates both a 4-point and a 5-point Fraser- filter value automatically as the survey progresses. Operating temperature range is -40° to +55° C.

(2) Theory

(a) Magnetics

Only two commonly occurring minerals are magnetic; magnetite and pyrrhotite. Magnetite is strongly magnetic and pyrrhotite is weakly magnetic with it not being magnetic at all in some cases. Magnetic surveys are therefore used to detect the presence of these minerals in varying concentrations. Magnetics is also useful as a reconnaissance tool for mapping geologic lithology and structure since different rock types have different background amounts of magnetite. Generally, (1) the amount of magnetite within igneous rocks increases as the rock becomes more basic, (2) sedimentary rocks contain little magnetite, and (3) the amount of magnetite within metamorphic rocks depends on the origin of the rock (whether sedimentary or igneous, for example) and the degree of metamorphism that has taken place.

(b) Electromagnetics

In all electromagnetic prospecting, a transmitter produces an alternating magnetic field (primary) by a strong alternating current usually through a coil of wire. If a conductive mass such as a sulphide body is within this magnetic field, a secondary alternating current is induced within it which in turn induces a secondary magnetic field that distorts the primary magnetic field. It is this distortion that the EM receiver measures. The VLF-EM uses a frequency range from 13 to 30 kHz, whereas most EM instruments use frequencies ranging from a few hundred to a few thousand Hz. Because of its relatively high frequency, the VLF-EM can pick up bodies of a much lower conductivity and therefore is more susceptible to clay beds, electrolyte-filled fault or shear zones and porous horizons, graphite, carbonaceous sediments, lithological contacts as well as sulphide bodies of too low a conductivity for other EM methods to pick up. Consequently, the VLF-EM has additional uses in mapping structure and in picking up sulphide bodies of too low a conductivity for conventional EM methods and too small for induced polarization. (In places it can be used instead of IP). However, its susceptibility to lower conductive bodies results in a number of anomalies, many of them difficult to explain and, thus, VLF-EM preferably should not be interpreted without a good geological knowledge of the property and/or other geophysical and geochemical surveys.

(3) Survey Procedure

The readings of the earth's total magnetic field as well as the electromagnetic field from 3 transmitter stations; Seattle (Jim Creek) at 24.8 kHz, Annapolis at 21.4 kHz, and Cutler at 24.0 kHz; were taken at 10 m stations on lines 20 or 50 meters apart running in a 055°E/235°E direction. The magnetic survey consisted of 4,360 meters on 22 lines and the VLF-EM survey consisted of 3,760 meters on 19 lines.

The diurnal variation of the magnetic field was monitored in the field by a base station which was set up on the property. Each day at the beginning of the surveying, the surveying unit was initialized with the base station unit. The data was then dumped in the evening with the surveying unit interconnected with the base station unit thus enabling the magnetic data to be automatically corrected for diurnal variation.

(4) Compilation of Data

The magnetic data were edited, and then plotted and contoured onto a plan map with a scale of 1:1,000 and numbered NQ-1. The contour interval chosen was 250 gammas (nT). Also, profiles of the magnetic data were drawn onto a second plan map numbered NQ-2 at the same scale and at a vertical scale of 1 cm = 800 nT.

The 4-point Fraser-filtered VLF-EM data from the Annapolis, Maryland transmitter were also edited, and then plotted and contoured onto a plan map at a scale of 1:1,000 and numbered NQ-3. The contour interval chosen was 5 degrees. In addition, the raw tilt angle data and the raw quadrature data were each profiled onto a plan map of the same scale numbered NQ-4 with a vertical scale of 1 cm = 15%.

The Seattle data were not usable due to transmitter shutdown and thus are not presented within this report. The Cutler data is not presented since it's transmitter is virtually in the same direction as the Annapolis transmitter and thus it's results are repetitious of the Annapolis results.

All of the above data reduction was carried out using software produced by Geosoft of Toronto, Ontario and modified by Geotronics for its own use.

DISCUSSION OF RESULTS

(1) Magnetics

The magnetic survey results show a magnetic field that has a wide range running form a low of 56,170 nT (or gammas) to 60,000 nT resulting in a spread of almost 4,000 nT. This indicates rock types that contain significant amounts of magnetite such as volcanics which are known to occur in the area.

Much of the survey area is overlain with a thin cover of overburden and thus the geology is not known over wide areas. Most of what has been mapped is metasediments with the only known occurrence of volcanics being near the west showing northwest of the magnetic survey area.

However, the magnetic field over the grid area indicates it is probably underlain by volcanics over a much wider area than the sparse outcroppings would indicate. The grid is underlain by two magnetic highs that trend roughly parallel to the base line, one within the southwestern part of the grid area, and one along the northeastern edge of the grid area. The 2 highs most likely reflect volcanics for the following 2 reasons:

1. The only mapped volcanics occur to the immediate northwest of the southwestern magnetic high.

2. A geology map within Sadlier-Brown's report show volcanics very close to the two magnetic highs.

The correlation of the magnetics with the known mineralization is somewhat interesting. A broad magnetic high of low amplitude correlates with vein 6 and vein 5 which appear to be approximately on strike with each other but are 330 meters apart. The broad magnetic high is fairly continuous between the two veins, but appearing to be broken up by one or two cross faults, and therefore suggests the two are actually the same. Also this high may trend off of the grid in either or both directions suggesting the mineralization may extend in southeasterly and northwesterly directions.

At this point it is unknown what the correlation with the mineralization means but perhaps the mineralization, and/or it's associated shear zone, is associated with an intrusive (dyke?) containing magnetite, or, perhaps, with volcanic interbedding within the metasediments. The intrusive or volcanic interbedding would subparallel the mineralized quartz vein/shear zone and would occur at depth.

Anomalous soil geochemistry values in gold, arsenic, copper, lead, zinc, and silver correlate with the veins 5 and 6 and/or their extensions and therefore correlate also with the broad magnetic high. However, there is no magnetic correlation with a strong soil geochemistry anomaly along the southwestern part of the grid area. There is no known mineralization correlating with the soil anomaly and thus it is indicating a previously undiscovered vein. The reason for the lack of correlating magnetic high is unknown but perhaps the correlating magnetic high with veins 5 and 6 is simply coincidental.

(2) VLF-EM

The VLF-EM response consists of 2 strong persistent conductors across the grid area with both subparalleling the base line. They have been labeled by the upper case letters A and B. Both have a minimum strike length of 600 meters and are open both to the northwest and southeast.

Conductor A occurs northeast of the baseline correlating with veins 5 and 6 and their associated shear zone(s). It is therefore very likely that conductor A is reflecting the shear zone even though it occurs 10 or 20 meters to the northeast of it (Often VLF-EM conductors are displaced up to 35 meters off of their causative source). Therefore, like the broad magnetic high, anomaly A indicates that veins 5 and 6 could be the same and that they extend over a much greater strike length. However, it must be remembered that even though conductor A indicates a shear zone of unknown strike length, quartz veining may occur only along segments of it. Nevertheless, conductor A does indicate much greater lengths to the quartz veins.

Since conductor A correlates with veins 5 and 6, it also correlates with the associated soil geochemistry anomaly and the broad magnetic high of low amplitude. It also appears to be cut by cross faulting in the same places as the magnetic high is.

Conductor B occurs southwest of the baseline and correlates directly with the above-mentioned soil geochemistry anomaly with which there is no known correlating minerlization. Because conductor A correlates directly with veins 5 and 6 and the associated shear zone(s), the causative source of conductor B is very likely a shear zone that subparallels the conductor A shear zone. It is therefore very likely that it contains a quartz vein mineralized with base metal sulphides containing values in gold and silver.

The soil anomaly has a minimum strike length of 180 meters, but conductor B has a minimum strike length of 600 meters. It therefore suggests the causative source of the soil geochemistry anomaly has a greater strike length and/or additional quartz vein mineral zone(s) may occur along its length. Like conductor A, conductor B appears to be broken up by cross faulting.

There is no magnetic correlation with conductor B.

Respectfully submitted,
GEOTRONICS SURVEYS LTD.

PROFESSIONAL
PROVINCE
OF
D.G. MARK
BRITISH
COLUMBIA
GEOSCIENTIST

David G. Mark, P.Geo.,
Geophysicist

REFERENCES

Grove, E. W., P. Eng., Map of Soil Geochemical Survey - Anomalies, EW Grove Consultants, January, 1996

Saddlier-Brown, T.L., P.Geo., A Report on a Compilation of Geological and Geophysical Survey Data on the Cherry Claims, Vancouver Mining Division, B.C., Prepared for D. Heyman as a revision of an earlier report dated May 12 1980 , Nevin Sadlier-Brown Goodbrand Ltd., October 18, 1994

Yacoub, Fayz, P.Geo., Geological Maps of the Nugget Queen Property, December, 1995.

Yacoub, Fayz, P.Geo., Personal Communication, January, 1996.

GEOPHYSICIST'S CERTIFICATE

I, DAVID G. MARK, of the City of Vancouver, in the Province of British Columbia, do hereby certify that:

I am a Consulting Geophysicist of Geotronics Surveys Ltd., with offices at #405 - 535 Howe Street, Vancouver, British Columbia.

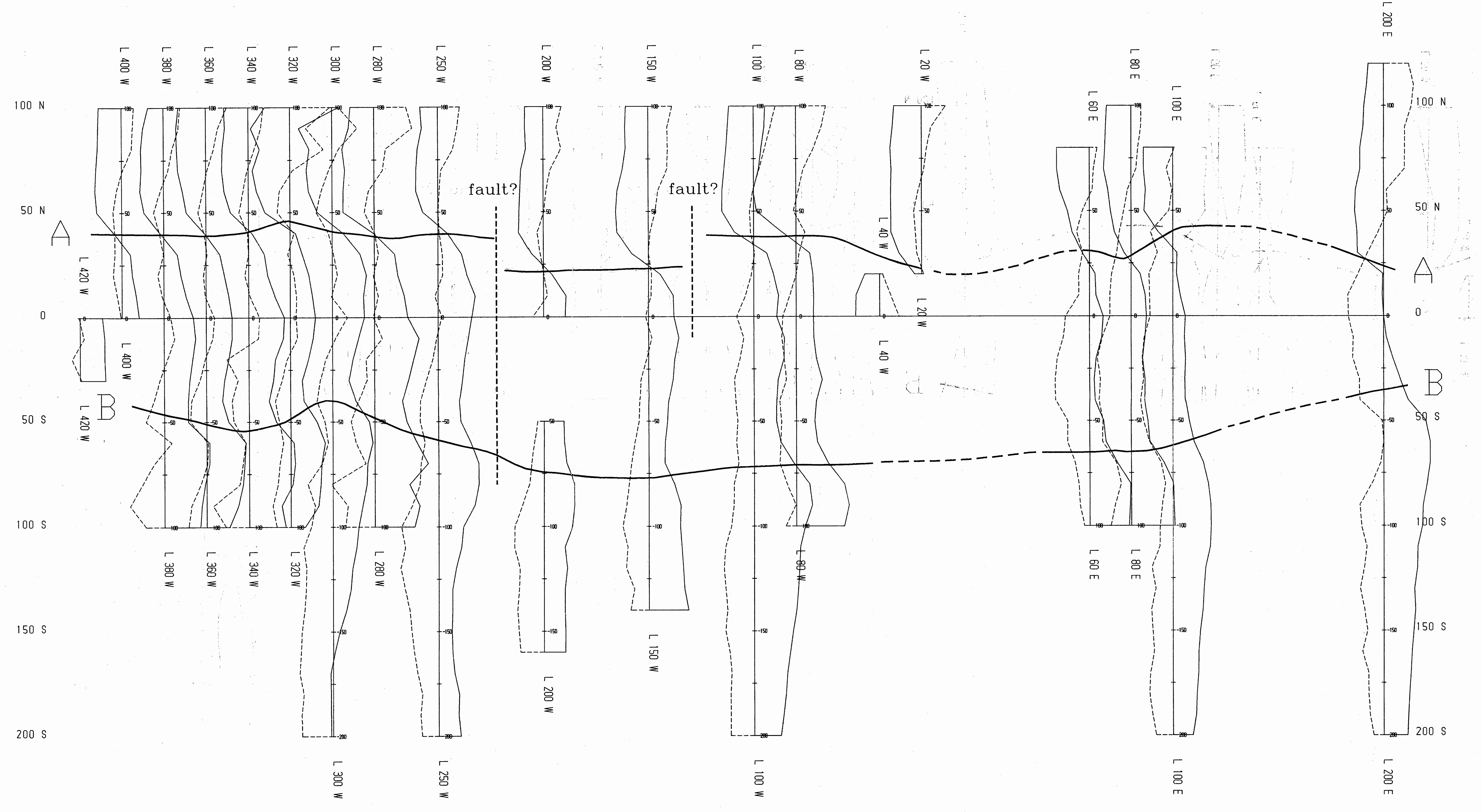
I further certify that:

1. I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
2. I am a graduate of the University of British Columbia (1968) and hold a B.Sc. degree in Geophysics.
3. I have been practicing my profession for the past 28 years, and have been active in the mining industry for the past 31 years.
4. This report is compiled from data obtained from magnetic, and VLF-EM surveys carried out over the Nugget Queen Property from November 1 to 11, 1995. The surveys were carried out by geophysical technician, Andrew Molnar under my supervision with the general exploration program being under the direction of Fayz Yacoub, P.Geo.
5. I do not hold any interest in Solaia Ventures Inc., nor in the property discussed within this report, nor any other property owned by Solaia Ventures, nor do I expect to receive any interest as a result of writing this report.

PROFESSIONAL PROVINCE OF D.G. MARK BRITISH COLUMBIA GEOSCIENTIST

David G. Mark, P.Geo.,
Geophysicist

February 2, 1996



Declination: 23

Instrumentation:
Scintrex Omni-Plus
VLF/Magnetometer system

Survey Date:
November 1995

Transmitter:
ANNAPOLIS MARYLAND (21.4 kHz)
Bearing: 103 degrees E

Data reduction:
Geotronics Surveys Ltd.

VLF Profiles & Vertical Scale:
——— Tilt angle (15 deg per cm)
– – – Quadrature (15 deg per cm)

Scale 1:1000
10 0 10 20 30 40 50
(metres)

Geotronics

ASHWORTH EXPLORATIONS LTD.

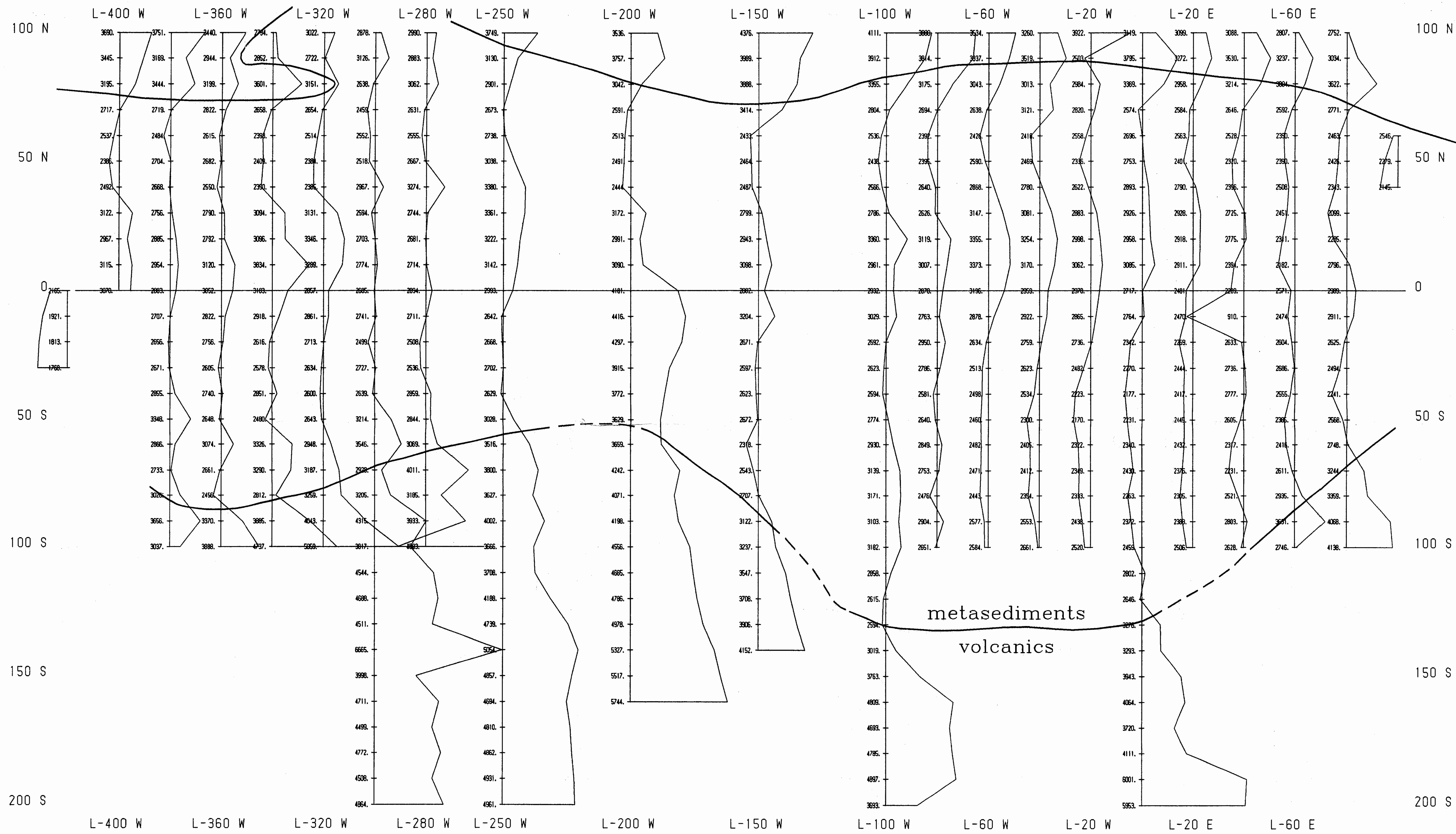
SOLAIA VENTURES INC.

NUGGET QUEEN PROPERTY
Seymour Inlet Area
Vancouver Mining Division

VLF-EM SURVEY
TILT ANGLE & QUADRATURE - PROFILE PLAN

Drawn by:	Job No.	NTS	Date	Map No.
RTM	95-23	92L/14E-92M/3E	Jan. 96	NQ-4

24,334



Declination: 23

Instrumentation:
Scrintex Omni-Plus
VLF/Magnetometer system

Survey Date:
November. 1995

Vertical Scale:
800 nT (gammas) with base at 56,700 nT

Note:
54,000 nT (gammas) has been
deducted from each posted value.

Data Reduction:
Geotronics Surveys Ltd.

PROFESSIONAL PROVINCE OF D.G. MARK BRITISH COLUMBIA GEOSCIENTIST

Scale 1:1000

10 0 10 20 30 40 50
(metres)

Geotronics

ASHWORTH EXPLORATIONS LTD.

SOLAIA VENTURES INC.

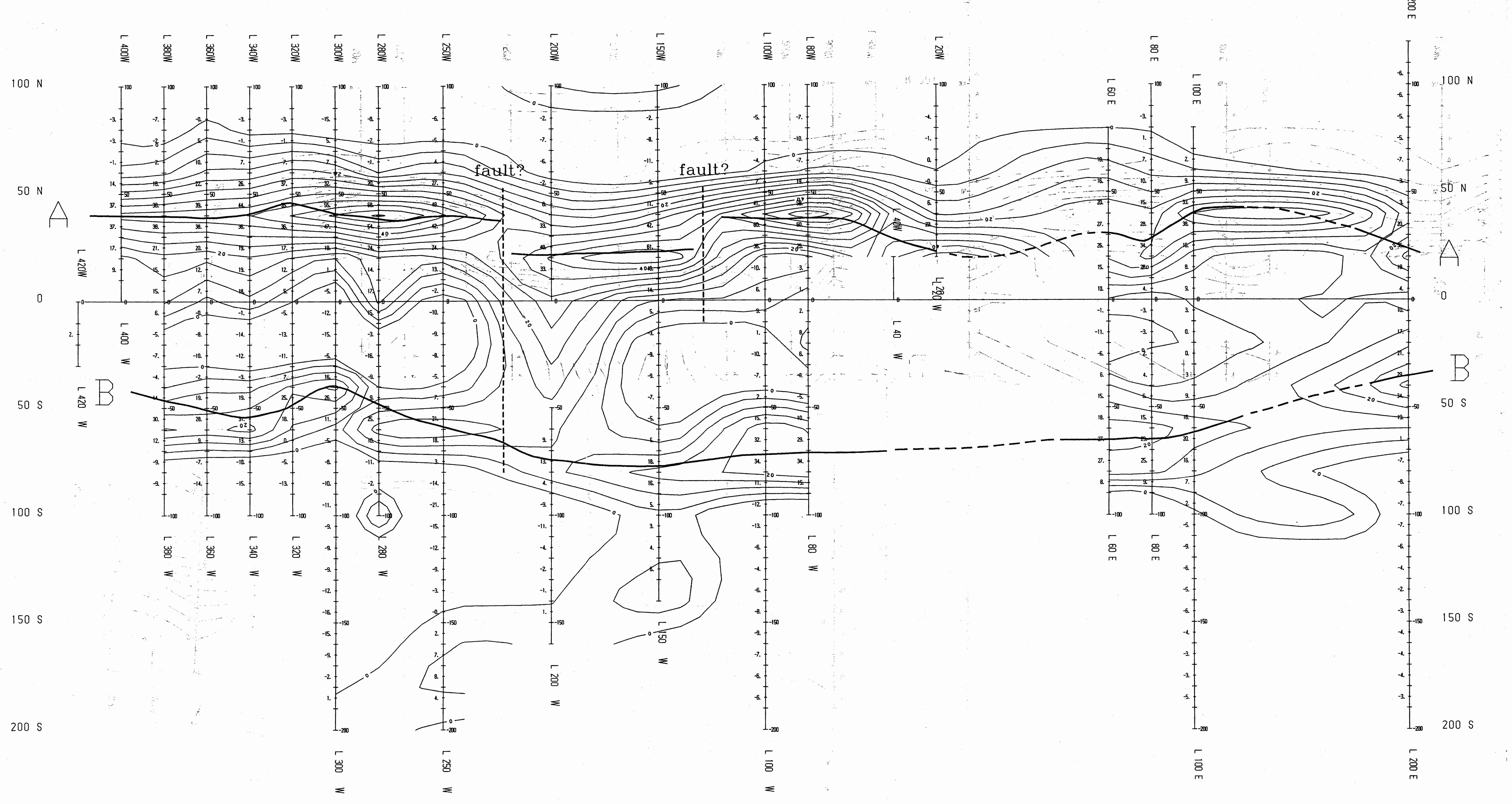
NUGGET QUEEN PROPERTY
Seymour Inlet Area
Vancouver Mining Division

MAGNETIC SURVEY
PROFILE PLAN

Drawn by:	Job No.	NTS	Date	Map No.
RTM	95-23	92L/14E-92M/3E	Jan. 96	NQ-2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,334



Declination: 23

Instrumentation:
Scintrex Omni-Plus
VLF/Magnetometer system

Survey Date:
November 1995

Contour Interval: 5 deg.

Transmitters:
ANNAPOLIS MARYLAND (21.4 kHz)
Bearing: 103 degrees E

Data reduction:
Geotronics Surveys Ltd.

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
D.G. MARK

Scale 1:1000
10 0 10 20 30 40 50
(metres)

Geotronics

ASHWORTH EXPLORATIONS LTD.

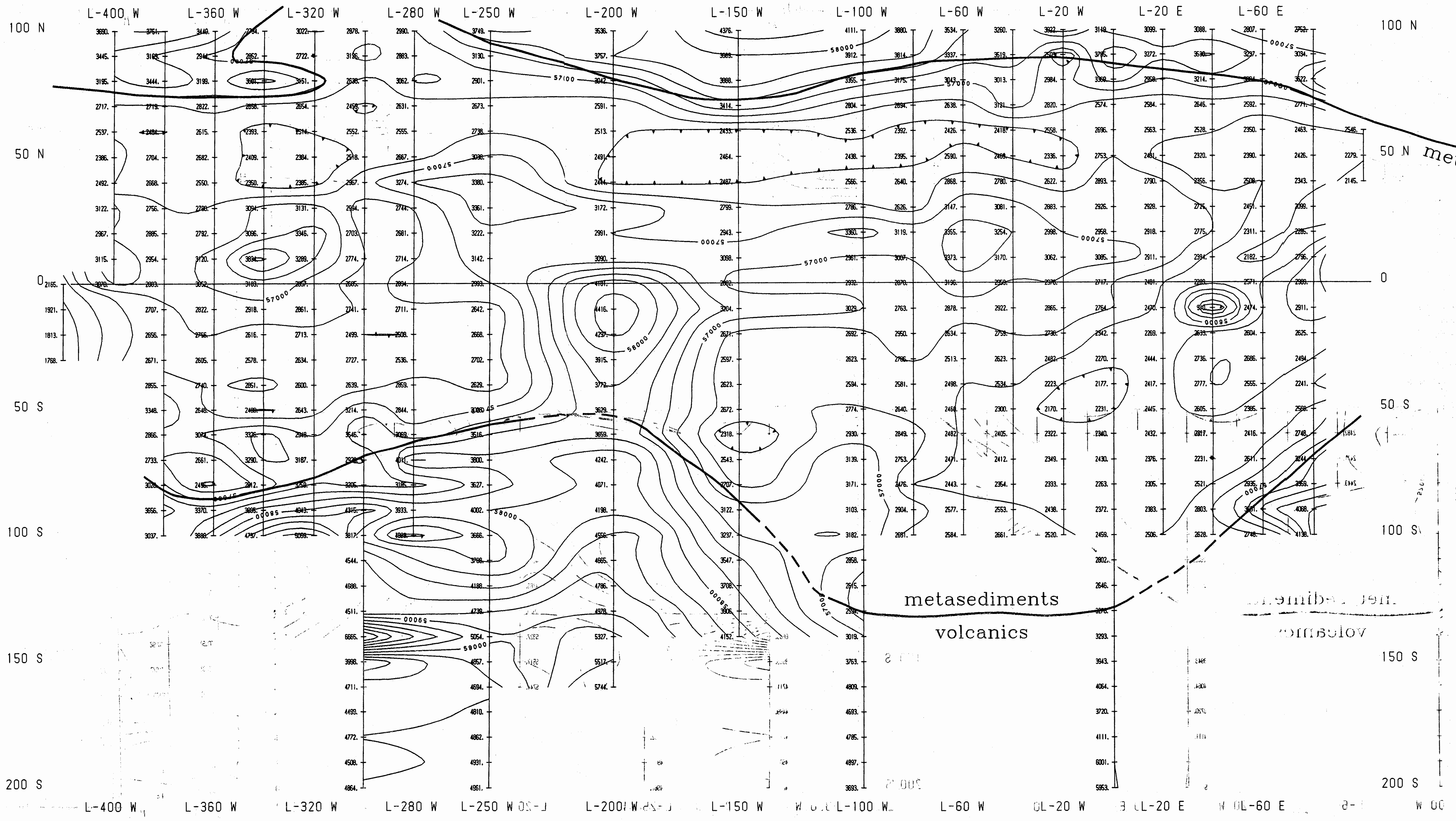
SOLAIA VENTURES INC.

NUGGET QUEEN PROPERTY
Seymour Inlet Area
Vancouver Mining Division

VLF-EM SURVEY
FRASER FILTERED - CONTOUR PLAN

Drawn by:	Job No.	NTS	Date	Map No.
RTM	95-23	92L/14E-92M/3E	Jan. 96	NQ-3

24,334



Declination: 23

Instrumentation:
Scintrex Omni-Plus
VLF/Magnetometer system

Survey Date:
November. 1995

Contour Interval:
250 nT (gammas)

Note:
54,000 nT (gammas) has been deducted from each posted value.

Trend Enhancement:
None

Data Reduction:
Geotronics Surveys Ltd.

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
D.G. MARK

Scale 1:1000
10 0 10 20 30 40 50
(metres)

Geotronics

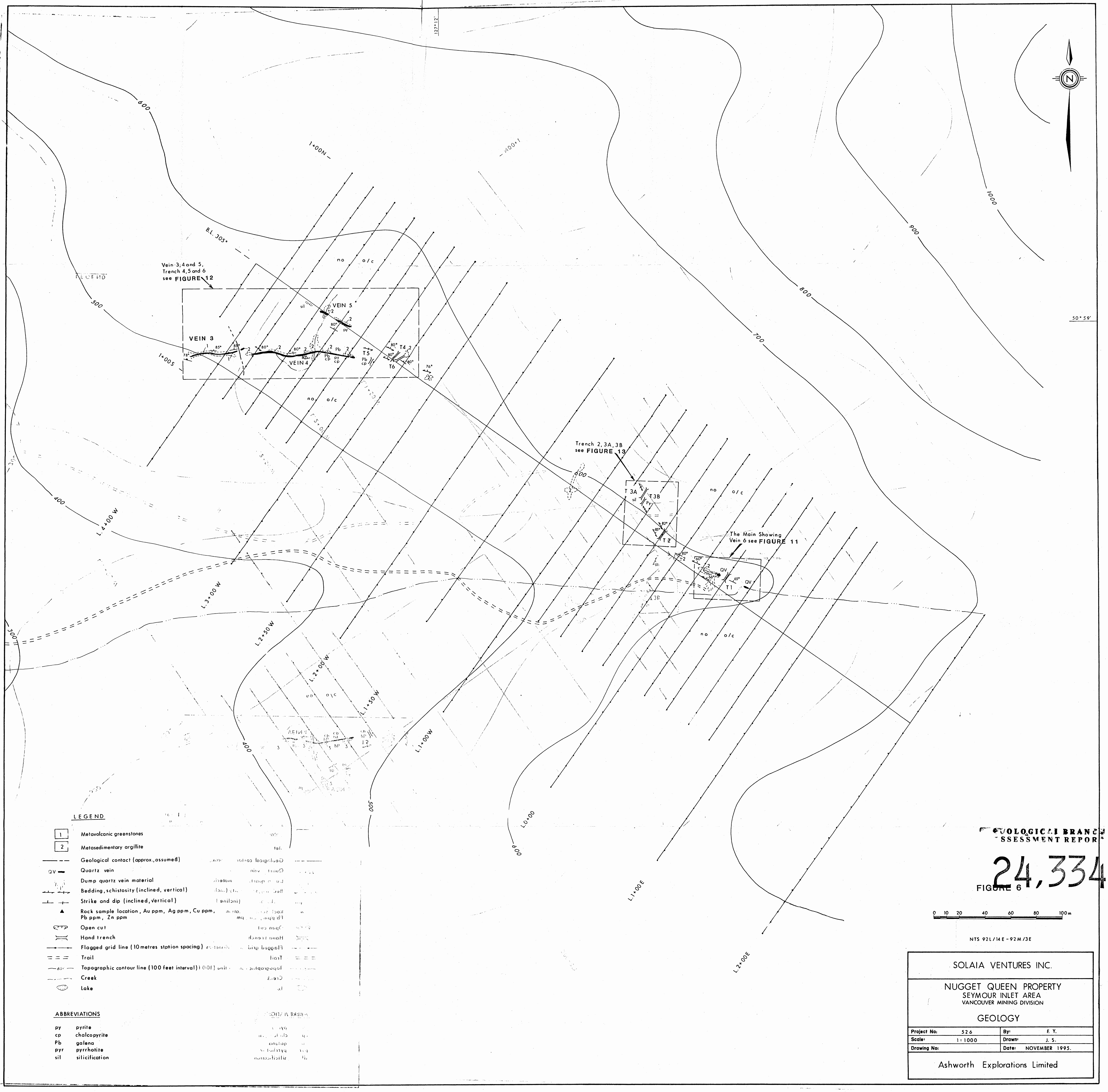
ASHWORTH EXPLORATIONS LTD.

SOLAIA VENTURES INC.

NUGGET QUEEN PROPERTY
Seymour Inlet Area
Vancouver Mining Division

MAGNETIC SURVEY
CONTOUR PLAN

Drawn by:	Job No.	NTS	Date	Map No.
RTM	95-23	92L/14E-92M/3E	Jan. 96	NQ-1



B.L. 305°
Vein 3, 4 and 5, Trench 4, 5 and 6 see FIGURE 12
VEIN 3
VEIN 4
VEIN 5
Trench 2, 3A, 3B see FIGURE 13
The Main Showing Vein 6 see FIGURE 11
no o/c
L.4+00 W
L.3+00 W
L.2+50 W
L.2+00 W
L.1+50 W
L.1+00 W
L.0+00
L.1+00 E
L.2+00 E
1+00N
50°59'
127°12'
LEGEND
1 Metavolcanic greenstones
2 Metasedimentary argillite
Geological contact (approx., assumed)
QV Quartz vein
Dump quartz vein material
Bedding, schistosity (inclined, vertical)
Strike and dip (inclined, vertical)
Rock sample location, Au ppm, Ag ppm, Cu ppm, Pb ppm, Zn ppm
Open cut
Hand trench
Flagged grid line (10 metres station spacing)
Trail
Topographic contour line (100 feet interval)
Creek
Lake
ABBREVIATIONS
py pyrite
cp chalcopyrite
Pb galena
pyr pyrrhotite
sil silicification
0 10 20 40 60 80 100m
NTS 92L/14E-92M/3E
SOLAIA VENTURES INC.
NUGGET QUEEN PROPERTY
SEYMOUR INLET AREA
VANCOUVER MINING DIVISION
GEOLOGY
Project No: 526
By: F. Y.
Scale: 1:1000
Drawn: J. S.
Drawing No:
Date: NOVEMBER 1995.
Ashworth Explorations Limited

FIGURE 6