

Geophysical and Geochemical Report

- on the -

Fredrikson Lake Property

Omineca Mining Division

N.T.S. 94D/15E, 16W

56°53' N 126°27' W

- for -

GERLE GOLD LTD.
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,431

Prepared by:

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664 Sunvalley Drive,

Kamloops, B. C.

Gary D. Belik, M. Sc.,

Sept. 9, 1983

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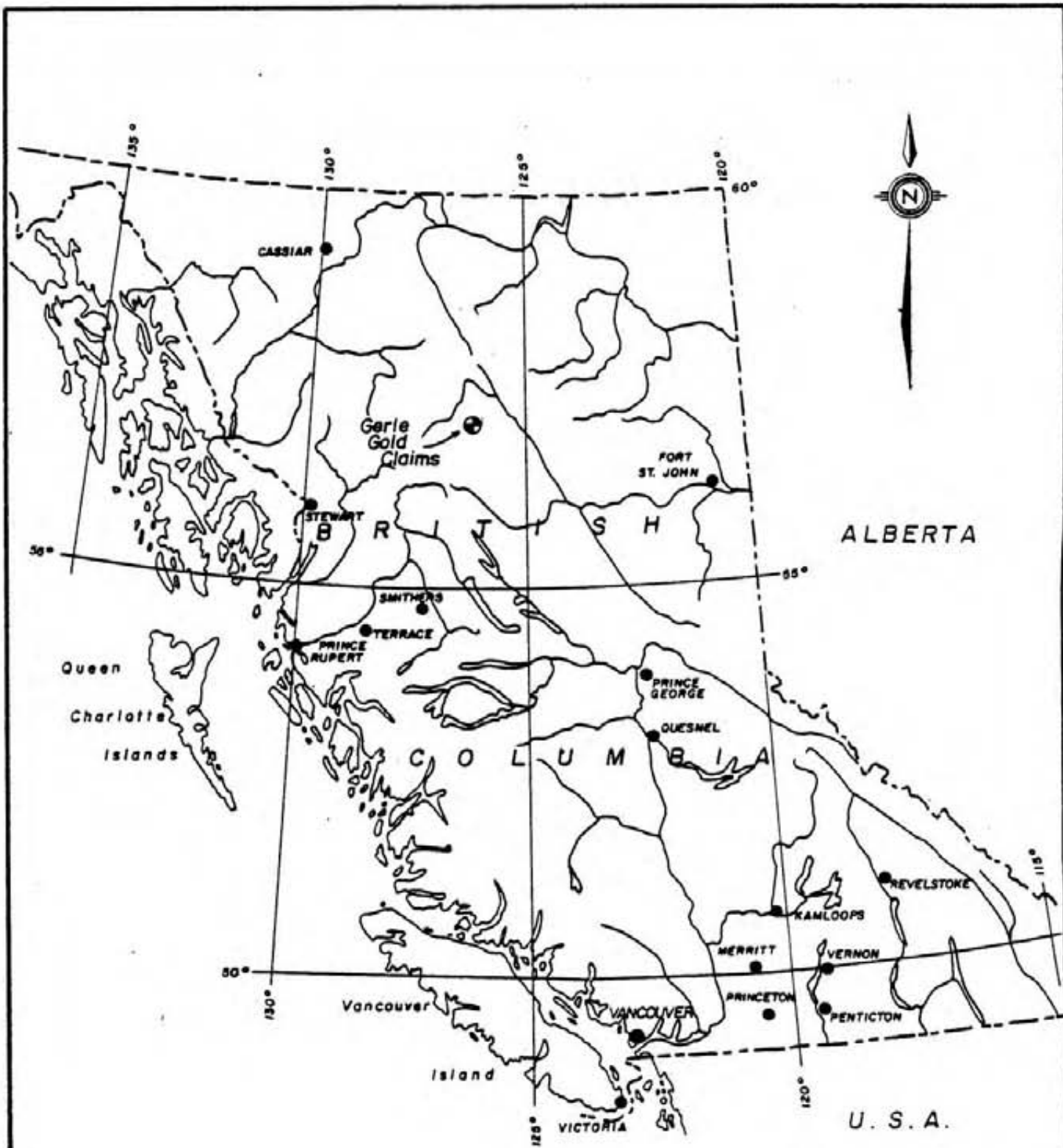
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GERLE GOLD LTD.

LOCATION MAP
GERLE GOLD CLAIMS

OMINECA MINING DIVISION, B.C.

Technical Work by:
G. Balik and Assoc. Ltd.

Date: March, 1983.

Scale: 1cm. = 87 km.

Dwg No. 1021 -1

Introduction

During May 31 to July 27, 1983, the first phase of a recommended three-phase program (Belik; March 1983) was completed on the Fredrikson Lake Property situated near McConnell Creek in the Omineca Mining Division, British Columbia. Phase I, which included grid preparation, soil sampling and V.L.F. - Electromagnetic and Magnetic Surveys, was carried out in order to evaluate the northwest strike extension of a mafic gneiss pendant which is known to host significant, gold-bearing shear zones within the central part of the claim area. Phase I field work was supervised by G. Belik of G. Belik and Associates Ltd., 664 Sunvalley Drive, Kamloops, B. C.

Location and Accessibility

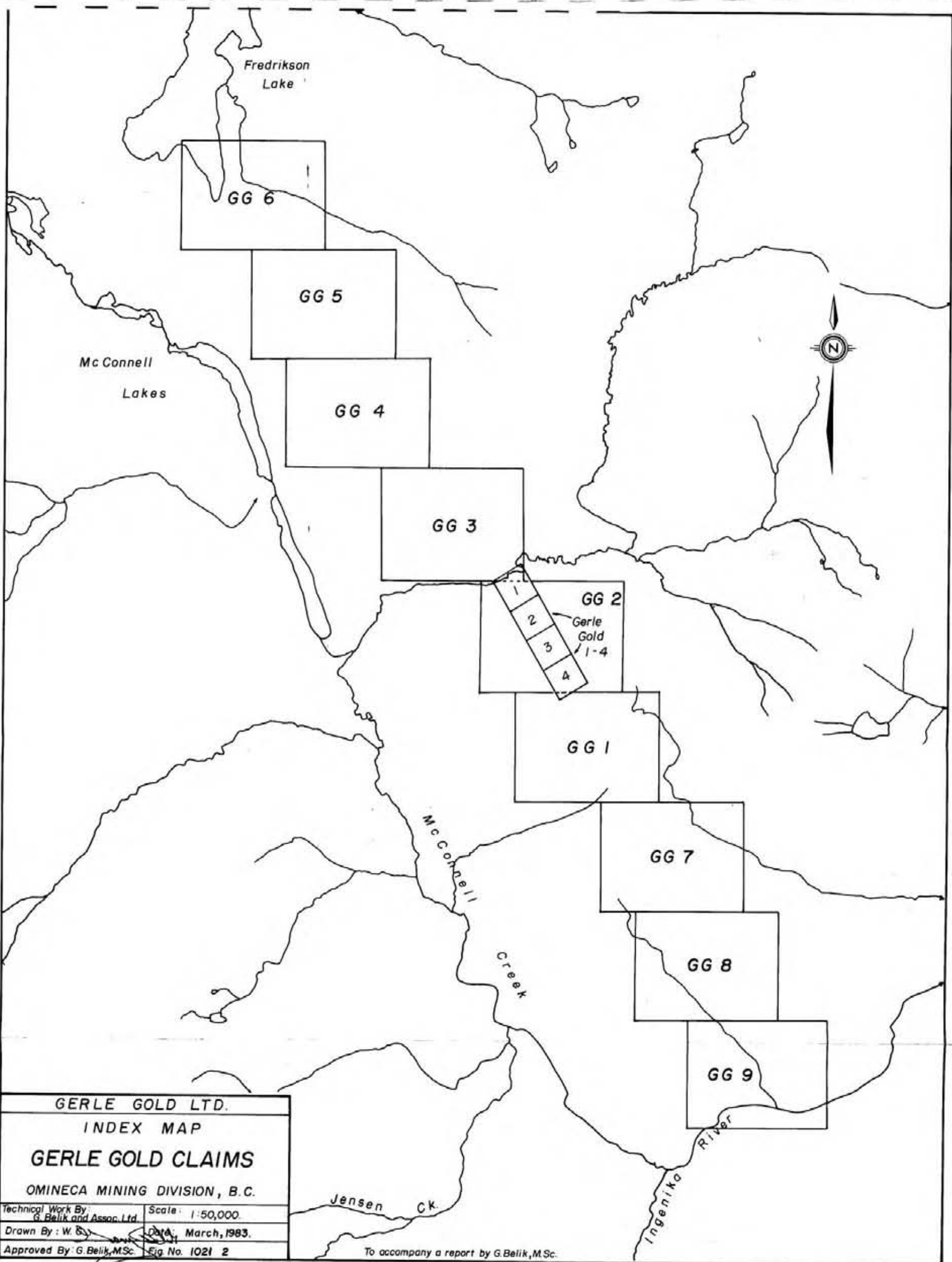
The Fredrikson Lake property is located in the Omineca Mining Division, B. C., about 240 kms north-northwest of the town of Smithers. The center of the claim group is situated at geographic co-ordinates $56^{\circ}48'$ North Latitude and $126^{\circ}27'$ West Longitude.

Access to the property is by helicopter or fixed-wing from Smithers. A road which will provide 4-wheel drive access to the property from McConnell Creek, is currently under construction.

Claims

The property is comprised of 8 contiguous claims totalling 96 units and four 2-post claims as detailed below:

<u>Mining Division</u>	<u>Claim</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Record Month</u>
Omineca	Gerle Gold 1	2-post	94758	October
"	Gerle Gold 2	2-post	94759	"
"	Gerle Gold 3	2-post	94760	"
"	Gerle Gold 4	2-post	94761	"
"	G.G.1	12	3798	June
"	G.G.2	12	3799	"
"	G.G.3	12	3800	"
"	G.G.4	12	3801	"
"	G.G.5	12	4007	July
"	G.G.6	12	4008	"
"	G.G.7	12	4009	"
"	G.G.8	12	4010	"



The above mineral claims are held by Gerle Gold Ltd., 904 - 675 West Hastings St., Vancouver, B. C., through an option agreement with J. H. Gerlizki and J. Leontowich.

Physiography and Vegetation

The Fredrikson Lake Property extends southeast from the south end of Fredrikson Lake to the Ingenika River, a distance of about 16 kms. Elevation of the property ranges from 1150 meters to 1800 meters. Relief is gentle to moderate.

Vegetation along the lower reaches of the Fredrikson Lake Valley consists primarily of good stands of spruce and balsam interspersed with swamps and spruce bogs. Forest cover is lighter above 1500 meters a.s.l. and above 1650 meters a.s.l. alpine-type vegetation prevails. Parts of the G.G. 3, 4 and 8 claims are covered by old burns.

General Geological Setting

The Fredrikson Lake Property encompasses an elongate, northwesterly-trending pendant of hornblende-rich gneiss. According to G.S.C. Open File 342 (T. Richards et al, 1975) the pendant is bounded on the east by the Early Cretaceous Jensen Peak Batholith and on the west by the Late Jurassic Fleet Peak Pluton.

Within the central part of the claim area the pendant contains several shear zones which locally host significant gold and silver mineralization. The main shear zone occurs within the Gerle Gold 1-4 claims and extends northwesterly, about 30 meters from and parallel to the eastern gneiss/intrusive contact. This zone is 5 m to 20 m wide and has been traced along a strike length exceeding 800 meters.

Within the shear zones the gneiss has been converted into buff-coloured to bright green carbonate schist and chlorite schist. The contact between schist and unaltered gneiss generally is gradational and marked by narrow zones of moderately to weakly sheared gneiss and/or chlorite schist. Locally the shear zones contain inclusions and lenses of weakly sheared to unaltered gneiss.

Limonitic, translucent to milky-white quartz is a common component of the main shear zone. Most of the quartz occurs as a series of en-echelon pods and lenses aligned parallel to the shear direction within the host unit. A few irregular quartz veins and veinlets cross-cutting the shear zone are also evident. Most quartz carries between 1% to 5% pyrite and locally up to 10% pyrite. Chalcopyrite commonly is present but generally in amounts less than 1%.

Within the shear zones appreciable gold and silver values are restricted to quartz vein material. The auriferous zones are lenticular which is due to the primary distribution of quartz veins within the shear zones but also due to post-ore shearing which has segmented many of the mineralized veins into a series of en-echelon lenses. Some of these lenses are thickened along vertical to steep, northwesterly-plunging drag folds.

Previous Exploration

The main shear zone was discovered in 1947 by J. H. Gerlizki and J. Leontowich. Over the next few years they prospected this occurrence with a series of shallow pits and trenches, over a strike length of about 800 meters. In 1958 Centennial Mines Ltd. tested a small section of the zone with 12 shallow, X-ray holes with inconclusive results.

Between 1959 and 1980 only minor exploration was carried out.

In early 1981 the property was optioned by Gerle Gold Ltd. During June and July, 1981 the claim area was expanded to include the G.G.1-9 claims and in August, 1981, a preliminary exploration program consisting of grid preparation, detailed mapping, silt sampling and V.L.F.-E.M. and magnetic surveys were completed within the area of the known showings (Gerle Gold 1-4 and G.G.1, 2 and 7 claims). In July, 1982, prospecting, reconnaissance mapping and minor soil sampling and V.L.F.-E.M. were carried out northwest of the main shear zone within the area of the G.G. 3-6 claims.

The 1983 program was carried out in order to further evaluate the area northwest of the main shear zone. The area surveyed, which is covered by the G.G.1 and G.G. 3-6 claims, extends northwest from Snowslide Creek to the south end of Fredrikson, a distance of 7.5 kms.

Grid Preparation

In order to carry out the geophysical and geochemical surveys, a grid was constructed consisting of 7.6 kms. of cut, transit-run base line and approximately 76 kms. of cross-lines. Stations were placed at 50-meter intervals along all lines and marked with tags showing the line number and station location.

Soil Geochemistry

In total 1409 soil samples were taken during the 1983 program. All samples were analysed for gold by Acme Analytical Laboratories Ltd., located at 852 East Hastings Street, Vancouver, B. C.

Sampling Method

Samples were obtained by digging holes with a maddock to a depth of 15 cms. to 50 cms. The "B" horizon was sampled or in some cases the "B-C" horizon depending on soil development at each sample location. The samples were placed in

waterproof kraft envelopes and the grid station was marked on the envelopes with indelible felt pens. Where possible, soil samples were taken at 50-meter intervals along all the grid lines. Sites not sampled were due to the presence of bogs or swamp.

Laboratory Determination Method

All samples were first dried and then seived to obtain a -80 mesh fraction. A 10 gm sample is ignited to 600°C and then digested in hot aquia regia (MIBK extraction). Gold values are then determined by Atomic Absorption.

Presentation of Results

Results of the soil analyses are listed in Appendix I. Soil sample sites and values greater than 15 parts per billion are shown on plan map 1021-3 at a scale of 1:5,000.

Discussion of Results

A statistical analyses of gold values was carried out

with the following results:

Population	1404
Low	5 ppb
High	560 ppb
Mean (\bar{x})	13.0 ppb
Standard Deviation (S)	35.0 ppb
Background ($\leq \bar{x}$)	< 48.0 ppb
Possibly Anomalous (1S - 2S)	48-83 ppb
Probably Anomalous (2S - 3S)	84-118 ppb
Definitely Anomalous ($> 3S$)	>118 ppb

Values of greater than 700 ppb gold (5 samples) were cut from the above calculations to avoid erroneous geochemical categories.

Gold values show a background of less than 48 ppb with anomalous values ranging up to 2300 ppb. A frequency distribution plot of the data (Appendix II) show that gold values are strongly negatively skewed. Ninety-five percent of the population are 50 ppb or less and 82% are 10 ppb or less.

Although anomalous gold values appear to occur scattered over most of the grid area, a comparison of the distributions of anomalous gold values and V.L.F. anomalies shows a strong correlation between many of the geochemical anomalies and conductors. This strong correlation suggests a good potential for mineralized shear zones similar to that exposed on the Gerle Gold 1-4 claims.

V.L.F. Electromagnetic Survey

In total, 74.7 line-kilometers of grid was surveyed by V.L.F. - E.M. The station interval was 25 meters.

The electromagnetic survey was carried out utilizing a Saber Model 27 VLF - E.M. receiver manufactured by Saber Electronic Instruments Ltd., 4245 East Hastings Street, Vancouver, B. C. This instrument measures the relative strength and dip of electromagnetic fields transmitted by radio stations in the 15 - 25 KH_2 range. These 'primary fields' are horizontal but can be disrupted by the presence of electrical conductors and by local topographic relief. Disruptions caused by conductors are actually caused by 'secondary fields' which are induced by the primary field. The tilt of the secondary field can be obtained by measuring the angle of null (minimum signal) in a vertical plane, normal to the wave front of the primary field.

The relative strength and magnitude of the secondary field caused by a conductor can be affected by many factors which include:

1. Conductivity of the conductor.
2. Width of the conductor.
3. Length of the conductor.

4. Depth of the conductor.
5. Orientation of the conductor relative to the transmitter station.
6. Frequency of the transmitter.

For tabular or elongate bodies maximum coupling and hence the strongest secondary electromagnetic field is obtained when the conductor is aligned normal to the primary wave (ie. conductor points to the transmitting station). There is virtually no coupling when conductors are aligned parallel to the primary field.

Local topographic relief can also cause a tilting of the primary field and lead to anomalous responses along ridge crests or along a sharp break-in-slope. In theory topographic anomalies can be eliminated by a lack of a corresponding increase in field strength values which generally are associated with bedrock conductors. However, this is not always the case and care must be taken when interpreting V.L.F. anomalies within areas of moderate to steep topographic relief.

Presentation of Results

For this survey the transmitting station utilized is

located in Seattle, Washington (24.8 KH_2). The dip angles and relative field strength values obtained during the survey are listed in Appendix III. Drawing 1021 - 4 is a contour map of the filtered dip angles and shows definite (solid), probable (long dash) and possible (short dash) conductor axes.

The filtering technique utilized was developed by D. C. Fraser (Geophysics, V.34, No.6, P. 958 - 967; 1969). Briefly summarized, this technique converts anomalous cross-overs and inflections into positive values by a simple mathematical treatment of the dip angle data. This technique overcomes the difficulty, in many cases, of interpreting profiles and enables the data to be plotted in plan form with conductor areas defined by contours.

Discussion of Results

Numerous anomalies were defined within the survey area. Based on the general magnitude of anomalous inflections and on corresponding field strength values conductors have been categorized as definite, probable and possible.

A well-defined anomaly, with high field strength values, was traced from the vicinity of Snowslide Creek (line 69NW; 0+75SW) northwest to line 97NW, 3+50NE. This conductor, which locally correlates with soils moderately anomalous in gold, occurs directly along the projected strike of the main shear zone¹. If this anomaly marks the northwest continuation of the main shear zone, the total strike length of the main shear zone would exceed 5.0 km.

Several other long, strong VLF anomalies, which could reflect similar shear zones, were also defined within the area surveyed. Segments of some of these anomalies correlate with soils anomalous in gold.

¹The VLF anomaly traced between lines 58NW and 62NW, about 20 meters east of the base line, corresponds closely to the northern trace of the main shear zone; the last known exposure of the shear zone occurs at about line 62NW; both the shear zone and associated VLF anomaly strengthen south of line 58NW (1981 survey area).

PROTON MAGNETIC SURVEY

A magnetic survey was carried out over most of the grid area utilizing a GeoMetric's 'Unimag II', portable, proton magnetometer (model G-846). The Unimag measures the total intensity of the earth's magnetic field over a range of 20,000 to 100,000 gammas with an accuracy of ± 10 gammas.

Procedure

For the magnetic survey, readings were taken at 25 meter intervals along the base line and along lines 62NW to 138NW inclusive. Where gradients were steep, readings were taken at 12.5 meter intervals. In total, 82.9 line - kms of grid were surveyed.

Prior to beginning the survey the magnetometer was tuned to the local magnetic field (60,000 gammas). During the course of the survey, base station readings were established along the base line at each cross line surveyed in order to correct for diurnal variation.

Presentation of Results

The results of the magnetic survey are presented in

drawing 1006-6 at a scale of 1:2, 500. Isomagnetic contours are drawn at an interval of 200 gammas.

Discussion of Results

Magnetic relief within the surveyed area varies from a low of 58,050 gammas to a high of 59,800 gammas. Salient features of the observed magnetic pattern are:

1. In general, magnetic relief within the surveyed area is low with a relatively uniform background of between 58,600 gammas and 58,700 gammas.
2. A broad magnetic high extends across the western margin of the grid area between line 62NW and 100NW. This high marks the western margin of the mafic gneiss pendant and is associated with a marginal phase of the Fleet Peak Pluton.
3. A narrow magnetic high was traced from line 107NW, 4+50SW to line 120NW, 2+50SW. This high is associated with the immediate contact area between the mafic gneiss pendant and Fleet Peak Pluton. Outcrops in the vicinity of the mag high consist of a

dark-colored, hybrid phase of intrusive and partially assimilated mafic gneiss.

4. A moderate to strong, narrow, magnetic high is evident near the western margin of the G.G. 6 claim. The anomaly was traced south from the south arm of Fredrikson Lake to about line 131NW, 3+00SW. The anomaly is flanked on the east by a strong VLF conductor which is locally associated with soils anomalous in gold. The source of the anomaly is uncertain; the immediate area of the anomaly is overburden covered. However, like the other magnetic highs evident along the western part of the grid area, it probably is associated with the western margin of the mafic gneiss pendant.

Conclusions and Recommendations

The 1983 geophysical and geochemical program has defined numerous target areas which warrant follow-up work. Of most interest is the strong VLF anomaly which occurs along the projected strike of the main shear zone. This anomaly, which is locally associated with soils anomalous in gold, has been defined over a strike length exceeding 3.0 km.

The next phase of exploration should be directed towards trenching significant VLF anomalies, particularly where there is an apparant association with soils anomalous in gold. Zones of interest defined by Phase I trenching could then be further evaluated by additional trenching and/or diamond drilling.

Respectfully Submitted


Gary Belik, M. Sc.
G. Belik and Associates Ltd.

Kamloops, B. C.
September 9, 1983

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342

APPENDIX I

Geochemical Data

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C., -80 MESH.
AU* - 10 GR, IGNITED, HOT AQUA REGIA LEACH NIBK EXTRACTION, AA ANALYSIS.

ASSAYER *Dean Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

GERLE GOLD LTD FILE # 83-1262 PAGE# 1

SAMPLE	AU* PPB
BL 103+50NW	45
BL 103NW	25
BL 102+50NW	5
BL 102NW	5
BL 101+50NW	5
BL 101NW	5
BL 100+50NW	5
BL 100NW	20
BL 99+50NW	65
BL 99NW	5
BL 98+50NW	5
BL 98NW	10
BL 97+50NW	5
BL 97NW	10
BL 96+50NW	30
BL 96NW	5
BL 95+50NW	10
BL 95NW	5
BL 94+50NW	5
BL 94NW	5
BL 93+50NW	10
BL 93NW	5
BL 92+50NW	5
BL 92NW	10
BL 91+50NW	5
BL 91NW	5
BL 90+50NW	5
BL 90NW	5
BL 89+50NW	5
BL 89NW	10
BL 88+50NW	10
BL 88NW	5
BL 87+50NW	15
BL 87NW	10
BL 86+50NW	5
BL 86NW	5
BL 85+50NW	5

SAMPLE	AU* PPB
BL 85NW	15
BL 84+50NW	5
BL 84NW	5
BL 83+50NW	5
BL 83NW	5
BL 82+50NW	5
BL 82NW	10
BL 81+50NW	5
BL 81NW	5
BL 80+50NW	5
BL 80NW	5
BL 79+50NW	5
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BL 73+50NW	5
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BL 72+50NW	5
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BL 71+50NW	10
BL 71NW	80
BL 69NW	5
BL 68+50NW	5
BL 68NW	5
BL 67NW	20
BL 66+50NW	10
BL 66NW	5
BL 65+50NW	5
BL 65NW	40
BL 64+50NW	5

SAMPLE	AU* PPB
BL 63+50NW	5
BL 63NW	5
106NW 4NE	15
106NW 3+50NE	10
106NW 3NE	10
106NW 2+50NE	5
106NW 2NE	40
106NW 1+50NE	5
106NW 1NE	5
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106NW 4SW	5
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106NW 5+50SW	5
106NW 6SW	15
106NW 6+50SW	10
106NW 7SW	5
105NW 4NE	5
105NW 3+50NE	5
105NW 3NE	10
105NW 2+50NE	5
105NW 2NE	10
105NW 1+50NE	15
105NW 1NE	5
105NW 0+50NE	5
105NW 0+50SW	15
105NW 1SW	5
105NW 1+50SW	5
105NW 2SW	5
105NW 2+50SW	5
105NW 3SW	5

SAMPLE	AU* PPB
105NW 3+50SW	5
105NW 4SW	5
105NW 4+50SW	5
105NW 5SW	10
105NW 5+50SW	5
105NW 6SW	5
105NW 6+50SW	5
105NW 7SW	5
104NW 4NE	5
104NW 3+50NE	5
104NW 3NE	5
104NW 2+50NE	5
104NW 2NE	5
104NW 1NE	5
104NW 0+50NE	15
104NW 0+50SW	5
104NW 1SW	5
104NW 1+50SW	5
104NW 2SW	5
104NW 3SW	5
104NW 3+50SW	5
104NW 4SW	5
104NW 4+50SW	5
104NW 5SW	5
104NW 5+50SW	5
104NW 6SW	20
104NW 6+50SW	5
104NW 7SW	5
103NW 4NE	5
103NW 3+80NE	5
103NW 3NE	5
103NW 2+50NE	5
103NW 2NE	5
103NW 1+50NE	115
103NW 1NE	5
103NW 0+50NE	5

SAMPLE	AU+ PPB
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103NW 1SW	5
103NW 1+50SW	5
103NW 2SW	5
103NW 2+50SW	5
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103NW 4+50SW	5
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103NW 5+50SW	5
103NW 6SW	5
103NW 6+50SW	5
103NW 7SW	5
102NW 4NE	5
102NW 3+50NE	5
102NW 3NE	5
102NW 2+50NE	5
102NW 2NE	5
102NW 1+50NE	5
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102NW 1+50SW	40
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102NW 2+50SW	105
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102NW 3+50SW	15
102NW 4SW	5
102NW 4+50SW	5
102NW 5SW	5
102NW 5+50SW	5
102NW 6SW	110
102NW 6+50SW	10
102NW 7SW	5
102NW 8SW	5

SAMPLE	AU* PPB
101NW 4NE	5
101NW 3+50NE	5
101NW 3NE	10
101NW 2+50NE	5
101NW 2NE	5
101NW 1+50NE	170
101NW 1NE	5
101NW 0+50NE	15
101NW 0+50SW	5
101NW 1SW	5
101NW 1+50SW	10
101NW 2SW	5
101NW 2+50SW	5
101NW 3SW	10
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101NW 4SW	20
101NW 4+50SW	5
101NW 5SW	5
101NW 5+50SW	5
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100NW 3+50SW	5
100NW 4SW	25
100NW 5SW	30
100NW 5+50SW	5
100NW 6SW	5
100NW 6+50SW	45
100NW 7SW	5

SAMPLE	AU* PPB
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100NW 8SW	5
100NW 8+50SW	5
99+50NW 7NE	5
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99+50NW 6NE	5
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99+50NW 4+50NE	5
99+50NW 4NE	5
99+50NW 3+50NE	5
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99+50NW 2+50NE	10
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99+50NW 0+50NE	5
99NW 0+50SW	20
99NW 1SW	5
99NW 1+50SW	5
99NW 2SW	5
99NW 2+50SW	5
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99NW 3+50SW	5
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99NW 5SW	25
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99NW 7SW	70
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99NW 8SW	5
99NW 9SW	5
98NW 4NE	5
98NW 3+50NE	250
98NW 3NE	5

SAMPLE	AU* PPB
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98NW 2NE	5
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98NW 4SW	5
98NW 4+50SW	10
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98NW 5+50SW	5
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98NW 7SW	45
98NW 7+50SW	5
98NW 8SW	5
98NW 8+50SW	5
98NW 9SW	5
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97NW 2SW	5
97NW 2+50SW	5
97NW 3SW	5
97NW 3+50SW	5
97NW 4SW	10
97NW 4+50SW	5
97NW 5SW	5

SAMPLE	AU* PPB
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97NW 6SW	5
97NW 6+50SW	5
97NW 7SW	5
97NW 7+50SW	45
97NW 8SW	5
97NW 8+50SW	5
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96NW 4NE	5
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96NW 4+50SW	10
96NW 5SW	15
96NW 5+50SW	5
96NW 6SW	5
96NW 6+50SW	10
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96NW 9SW	75
95NW 7NE	10
95NW 6+50NE	5
95NW 6NE	5
95NW 5+50NE	5
95NW 5NE	5

SAMPLE	AU*	FPB
95NW 4+50NE	5	
95NW 3NE	10	
95NW 2+50NE	5	
95NW 1+50NE	5	
95NW 1NE	5	
95NW 0+50NE	5	
95NW 0+50SW	5	
95NW 1SW	5	
95NW 1+50SW	5	
95NW 2SW	5	
95NW 2+50SW	10	
95NW 3SW	5	
95NW 3+50SW	5	
95NW 4SW	65	
95NW 4+50SW	5	
95NW 5SW	15	
95NW 5+50SW	5	
95NW 6SW	5	
95NW 6+50SW	5	
95NW 7SW	5	
95NW 7+50SW	5	
95NW 8SW	5	
95NW 8+50SW	5	
95NW 9SW	70	
94NW 4NE	10	
94NW 2+50NE	10	
94NW 2NE	5	
94NW 1+50NE	5	
94NW 1NE	5	
94NW 0+50NE	5	
94NW 0+50SW	180	
94NW 1SW	15	
94NW 1+50SW	5	
94NW 2SW	5	
94NW 2+50SW	5	
94NW 3SW	10	
94NW 3+50SW	30	

SAMPLE	AU* PPB
94NW 4SW	80
94NW 4+50SW	10
94NW 5SW	15
94NW 5+50SW	5
94NW 6SW	5
94NW 6+50SW	5
94NW 7SW	35
94NW 7+50SW	5
94NW 8SW	5
94NW 8+50SW	5
94NW 9SW	10
93NW 4NE	5
93NW 3+50NE	5
93NW 3NE	5
93NW 2+50NE	5
93NW 2NE	5
93NW 1+50NE	5
93NW 1NE	10
93NW 0+50NE	5
92NW 3+50NE	5
92NW 3NE	5
92NW 2+50NE	5
92NW 2NE	15
92NW 1+50NE	5
92NW 1NE	5
92NW 0+50NE	5
92NW 0+50SW	10
92NW 1SW	5
92NW 1+50SW	5
92NW 2SW	5
92NW 2+50SW	5
92NW 3SW	5
92NW 3+50SW	5
92NW 4SW	15
92NW 4+50SW	5
92NW 5SW	5
92NW 5+50SW	5

SAMPLE	AU* PPB
92NW 6+50SW	5
92NW 7SW	5
92NW 7+50SW	5
92NW 8SW	5
92NW 8+50SW	5
92NW 9SW	40
91NW 4NE	15
91NW 3+50NE	5
91NW 3NE	5
91NW 2NE	5
91NW 1+50NE	5
91NW 0+50SW	25
91NW 1SW	10
91NW 1+50SW	5
91NW 2SW	5
91NW 2+50SW	5
91NW 2+50ASW	5
91NW 3SW	5
91NW 3ASW	5
91NW 3+50SW	5
91NW 4SW	5
91NW 4+50SW	5
91NW 5SW	5
91NW 5+50SW	10
91NW 6SW	5
91NW 6+50SW	5
91NW 7SW	5
91NW 7+50SW	5
91NW 8SW	5
91NW 8+50SW	5
91NW 9SW	20
90NW 7NE	5
90NW 6+50NE	5
90NW 6NE	10
90NW 5+50NE	5
90NW 5NE	5
90NW 4+50NE	5
90NW 4NE	5

SAMPLE	AU* PPB
90NW 3+50NE	5
90NW 2+50NE	5
90NW 2NE	5
90NW 1+50NE	5
90NW 1NE	5
90NW 0+50NE	5
90NW 0+50SW	5
90NW 1SW	5
90NW 1+50SW	5
90NW 3+50SW	5
90NW 4SW	5
90NW 4+50SW	5
90NW 5SW	5
90NW 5+50SW	5
90NW 6SW	5
90NW 6+50SW	5
90NW 7SW	5
90NW 7+50SW	5
90NW 8SW	5
90NW 8+50SW	5
90NW 9SW	5
89NW 3NE	5
89NW 2+50NE	5
89NW 2NE	5
89NW 1+50NE	20
89NW 1NE	5
89NW 0+50NE	15
89NW 0+50SW	5
89NW 1SW	5
89NW 1+50SW	5
89NW 2SW	5
89NW 2+50SW	5
89NW 3SW	580
89NW 3+50SW	15
89NW 4SW	5
89NW 4+50SW	10
89NW 5SW	15

SAMPLE	AU* PPB
89NW 5+50SW	5
89NW 6SW	5
89NW 6+50SW	5
89NW 7SW	5
89NW 7+50SW	5
89NW 8SW	5
89NW 8+50SW	5
89NW 9SW	1320
88NW 2+50NE	5
88NW 2NE	5
88NW 1+50NE	5
88NW 1NE	120
88NW 0+50NE	5
88NW 0+50SW	5
88NW 1SW	5
88NW 2SW	5
88NW 2+50SW	5
88NW 3SW	5
88NW 3+50SW	5
88NW 4SW	5
88NW 4+50SW	5
88NW 5SW	5
88NW 6SW	15
88NW 6+50SW	5
88NW 7SW	5
88NW 7+50SW	5
88NW 8SW	5
88NW 8+50SW	5
88NW 9SW	5
87NW 3NE	5
87NW 2+50NE	5
87NW 2NE	15
87NW 1+50NE	5
87NW 1NE	5
87NW 0+50NE	5
86NW 3NE	5
86NW 2+50NE	5

SAMPLE	AU* PPB
86NW 2NE	5
86NW 1+50NE	60
86NW 1NE	5
86NW 0+50NE	5
85NW 3NE	5
85NW 2+50NE	5
85NW 2NE	5
85NW 1+50NE	5
85NW 1NE	5
85NW 0+50NE	5
84NW 3NE	5
84NW 2+50NE	5
84NW 1+50NE	5
84NW 1NE	5
84NW 0+50NE	5
83NW 3NE	5
83NW 2+50NE	5
83NW 2NE	5
83NW 1+50NE	20
83NW 1NE	10
83NW 0+50NE	40
71NW 2NE	5
71NW 1+50NE	10
71NW 0+50SW	5
71NW 1SW	5
71NW 1+50SW	5
71NW 2SW	5
71NW 2+50SW	10
71NW 3+50SW	5
71NW 4SW	35
71NW 4+50SW	5
71NW 5SW	5
71NW 5+50SW	55
71NW 6SW	5
71NW 6+50SW	5
71NW 7SW	5

SAMPLE	AU* PPB
70NW 2NE	5
70NW 1+50NE	5
70NW 0+50NE	5
70NW 0+50SW	5
70NW 1SW	5
70NW 1+50SW	5
70NW 2SW	5
70NW 2+50SW	5
70NW 3SW	30
70NW 3+50SW	5
70NW 4SW	10
70NW 4+50SW	10
70NW 5SW	5
70NW 5+50SW	145
69NW 2NE	5
69NW 1+50NE	5
69NW 1NE	5
69NW 0+50NE	5
69NW 0+50SW	220
69NW 1SW	5
69NW 1+50SW	10
69NW 1+85SW	5
69NW 2+50SW	20
69NW 3SW	35
69NW 3+50SW	5
69NW 4SW	5
69NW 4+50SW	5
69NW 5SW	5
68NW 1NE	5
68NW 0+50NE	15
68NW 0+50SW	10
68NW 1SW	5
68NW 1+50SW	15
68NW 2SW	10
68NW 2+50SW	15
68NW 3SW	10
68NW 3+50SW	5
68NW 4SW	10

SAMPLE	AU* PPB
67NW 2NE	5
67NW 1+50NE	5
67NW 1NE	5
67NW 0+50NE	45
67NW 0+50SW	5
67NW 1SW	5
67NW 1+50SW	10
67NW 2SW	5
67NW 2+50SW	80
67NW 3SW	5
67NW 3+50SW	5
67NW 4SW	70
67NW 4+50SW	5
67NW 5SW	5
67NW 5+50SW	35
67NW 6SW	45
66NW 2NE	5
66NW 1+50NE	5
66NW 1NE	5
66NW 0+50NE	5
66NW 0+50SW	5
66NW 1SW	5
66NW 1+50SW	15
66NW 2SW	5
66NW 2+50SW	5
66NW 3SW	5
66NW 3+50SW	5
66NW 4SW	5
66NW 4+50SW	5
66NW 5SW	5
66NW 5+50SW	5
66NW 6SW	5
65NW 2NE	75
65NW 1+50NE	5
65NW 1NE	20
65NW 0+50NE	5
65NW 0+50SW	5
65NW 1SW	5

SAMPLE	AU* PPB
65NW 1+50SW	5
65NW 2SW	5
65NW 2+50SW	85
65NW 3SW	10
65NW 3+50SW	5
65NW 4SW	5
65NW 4+50SW	5
65NW 5SW	5
65NW 5+50SW	5
65NW 6SW	5
64NW 2NE	35
64NW 1+50NE	5
64NW 1NE	5
64NW 0+50NE	15
64NW 0+50SW	10
64NW 1SW	5
64NW 1+50SW	45
64NW 2SW	10
64NW 2+50SW	30
64NW 3SW	20
64NW 3+50SW	10
64NW 4SW	15
64NW 4+50SW	10
64NW 5SW	10
64NW 5+50SW	5
64NW 6SW	5
63NW 2NE	5
63NW 1+50NE	165
63NW 1NE	20
63NW 0+50NE	5
63NW 0+50SW	10
63NW 1SW	5
63NW 1+50SW	5
63NW 2SW	10
63NW 2+50SW	15
63NW 3SW	5
63NW 3+50SW	5
63NW 4SW	5

SAMPLE

AU*
PFB63NW 4+50SW
63NW 5SW
63NW 5+50SW
63NW 6SW10
10
5
5

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852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED JULY 11 1983

DATE REPORTS MAILED July 15/83

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C., -80 MESH.
AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER De Toy DEAN TOYE, CERTIFIED B.C. ASSAYER

GERLE GOLD FILE # 83-1138

PAGE# 1

SAMPLE	AU* PPB
87NW 0+50SW	20
87NW 2SW	5
87NW 3SW	5
87NW 3+50SW	10
87NW 4SW	5
87NW 4+50SW	410
87NW 5SW	10
87NW 6SW	5
87NW 6+50SW	5
87NW 7SW	5
87NW 7+50SW	40
87NW 8SW	10
87NW 8+50SW	10
86NW 0+50SW	5
86NW 2+50SW	5
86NW 3SW	5
86NW 3+50SW	1560
86NW 4SW	5
86NW 4+50SW	10
86NW 5SW	5
86NW 6SW	10
86NW 6+50SW	5
86NW 7SW	5
86NW 7+50SW	5
86NW 8SW	5
86NW 8+50SW	10
86NW 9SW	5
85NW 0+50SW	10
85NW 1SW	5
85NW 1+50SW	10
85NW 2SW	15
85NW 2+50SW	5
85NW 3SW	20
85NW 3+50SW	5
85NW 4SW	10
85NW 4+50SW	5
85NW 6SW	5

SAMPLE	AU# PPB
85NW 6+50SW	15
85NW 7SW	10
85NW 7+50SW	5
85NW 8SW	10
85NW 8+50SW	40
85NW 9SW	5
84NW 0+50SW	20
84NW 1SW	5
84NW 1+50SW	5
84NW 2SW	10
84NW 2+50SW	5
84NW 3SW	5
84NW 3+50SW	5
84NW 5+50SW	5
84NW 6SW	5
84NW 6+50SW	5
84NW 7SW	5
84NW 7+50SW	5
84NW 8SW	5
84NW 8+50SW	5
84NW 9SW	5
83NW 0+50SW	5
83NW 1+50SW	5
83NW 2SW	5
83NW 2+50SW	20
83NW 3SW	5
83NW 3+50SW	5
83NW 5+50SW	5
83NW 6SW	5
83NW 6+50SW	10
83NW 7SW	5
83NW 7+50SW	5
83NW 8SW	5
82NW 3NE	5
82NW 2+50NE	10
82NW 2NE	5
82NW 1+50NE	50

SAMPLE	AU+ PPB
82NW 1NE	5
82NW 0+50NE	5
82NW 0+50SW	5
82NW 1SW	10
82NW 1+50SW	5
82NW 2SW	5
82NW 2+50SW	5
82NW 3SW	5
82NW 5SW	5
82NW 5+50SW	10
82NW 6SW	5
82NW 6+50SW	5
82NW 7SW	5
82NW 7+50SW	5
82NW 8+50SW	5
82NW 9SW	5
81NW 3NE	5
81NW 2+50NE	35
81NW 2NE	5
81NW 1+50NE	5
81NW 1NE	5
81NW 0+50NE	10
81NW 0+50SW	5
81NW 1SW	35
81NW 1+50SW	10
81NW 2SW	25
81NW 2+50SW	10
81NW 3+50SW	5
81NW 4+50SW	10
81NW 5SW	10
81NW 6SW	5
81NW 6+50SW	5
81NW 7SW	5
81NW 7+50SW	10
81NW 8SW	5
81NW 8+50SW	10
81NW 9SW	10

SAMPLE	AU# PPB
80NW 3NE	5
80NW 2+50E	40
80NW 2E	5
80NW 1E	5
80NW 0+50NE	5
80NW 0+50SW	5
80NW 1SW	10
80NW 1+50SW	5
80NW 2SW	5
80NW 4SW	5
80NW 5SW	5
80NW 5+50SW	5
80NW 6SW	10
80NW 6+50SW	5
80NW 7SW	5
80NW 7+50SW	5
80NW 8SW	5
80NW 9SW	2300
79NW 3NE	110
79NW 2+50NE	10
79NW 2NE	15
79NW 1+50NE	5
79NW 0+50NE	10
79NW 1SW	5
79NW 2SW	5
79NW 5SW	30
79NW 5+50SW	5
79NW 6SW	5
79NW 6+50SW	5
79NW 7SW	5
79NW 7+50SW	5
79NW 8SW	10
79NW 8+50SW	5
79NW 9SW	10
78NW 3NE	5
78NW 2NE	10

SAMPLE	AU* PPB
78NW 1NE	5
78NW 0+50NE	5
78NW 1SW	10
78NW 1+50SW	5
78NW 2+50SW	5
78NW 4+50SW	5
78NW 5SW	5
78NW 5+50SW	5
78NW 6SW	10
78NW 6+50SW	5
78NW 7SW	5
78NW 8+50SW	5
78NW 9SW	5
77NW 3NE	5
77NW 2+50NE	5
77NW 2NE	5
77NW 1+50NE	5
77NW 1NE	5
77NW 0+50SW	5
77NW 1+50SW	5
77NW 4+50SW	5
77NW 5SW	15
77NW 5+50SW	5
77NW 6SW	5
77NW 6+50SW	5
77NW 7SW	5
77NW 7+50SW	5
77NW 8SW	5
77NW 9SW	5
76NW 3NE	185
76NW 2+50NE	20
76NW 2NE	5
76NW 1+50NE	5
76NW 1NE	10
76NW 0+50SW	5

SAMPLE	AU* PPB
76NW 4SW	5
76NW 4+50SW	5
76NW 5SW	5
76NW 5+50SW	10
76NW 6SW	5
76NW 6+50SW	5
76NW 7SW	5
76NW 7+50SW	205
76NW 8+50SW	20
76NW 9SW	5
75NW 7NE	5
75NW 6+50NE	5
75NW 6NE	5
75NW 5+50NE	5
75NW 5NE	15
75NW 4+50NE	5
75NW 4NE	10
75NW 3+50NE	85
75NW 3NE	5
75NW 2+50NE	5
75NW 2NE	5
75NW 1+50NE	5
75NW 1NE	5
75NW 0+50NE	155
75NW 0+50SW	5
75NW 3SW	5
75NW 4+50SW	5
75NW 5SW	5
75NW 5+50SW	5
75NW 6SW	10
75NW 6+50SW	10
75NW 9SW	305
74NW 2+50NE	35
74NW 2NE	5
74NW 1+50NE	5
74NW 1NE	25
74NW 0+50NE	140

SAMPLE	AU* PPB
74NW 0+50SW	5
74NW 3+50SW	5
74NW 4SW	10
74NW 4+50SW	5
74NW 5SW	5
74NW 6SW	5
74NW 6+50SW	5
73NW 3NE	5
73NW 2+50NE	340
73NW 2NE	5
73NW 1+50NE	20
73NW 1NE	5
73NW 0+50NE	5
73NW 1SW	25
73NW 1+50SW	5
73NW 3SW	5
73NW 3+50SW	5
73NW 4+50SW	50
73NW 5SW	10
73NW 5+50SW	15
73NW 6SW	5
73NW 6+50SW	5
72NW 3NE	10
72NW 2+50NE	5
72NW 2NE	5
72NW 1+50NE	5
72NW 0+50SW	55
72NW 1SW	5
72NW 2SW	5
72NW 2+50SW	5
72NW 3SW	5
72NW 3+50SW	5
72NW 4SW	5
72NW 4+50SW	5
72NW 5SW	5
72NW 5+50SW	5

SAMPLE	AU# PPD
72NW 6SW	5
72NW 6+50SW	5
72NW 7SW	5

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C., -80 MESH.
AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

GERLE GOLD 554°W FILE # 83-1131 PAGE# 1

SAMPLE	AU* PPB
116NW 0+050	5
116NW 0+100	5
116NW 0+150	5
116NW 0+200	5
116NW 0+250	5
116NW 0+300	5
116NW 0+350	10
116NW 0+400	15
116NW 0+450	5
116NW 0+500	5
116NW 0+550	5
116NW 0+600	5
113NW 0+050	10
113NW 0+100	5
113NW 0+150	5
113NW 0+200	5
113NW 0+250	5
113NW 0+300	5
113NW 0+350	5
113NW 0+400	5
113NW 0+450	5
113NW 0+500	5
113NW 0+550	30
112NW 0+050	5
112NW 0+100	5
112NW 0+150	5
112NW 0+200	5
112NW 0+250	5
112NW 0+300	5
112NW 0+350	10
112NW 0+400	5
112NW 0+450	5
112NW 0+500	5
112NW 0+550	5
112NW 0+600	5

SAMPLE	AU* PPB
111NW 0+050	5
111NW 0+100	20
111NW 0+150	10
111NW 0+200	5
111NW 0+250	5
111NW 0+300	5
111NW 0+350	10
111NW 0+400	5

SAMPLE	AU* FPB
111NW 1SW	5
111NW 1+50SW	10
111NW 2SW	5
111NW 2+50SW	10
111NW 3SW	5
111NW 3+50SW	5
111NW 4SW	20
111NW 4+50SW	10
111NW 5SW	5
111NW 5+50SW	5
111NW 6SW	10
110NW 8+00NE	5
110NW 7+50NE	5
110NW 7NE	10
110NW 6+50NE	5
110NW 6NE	5
110NW 5+50NE	5
110NW 5NE	5
110NW 4+50NE	5
110NW 4NE	5
110NW 3+50NE	5
110NW 3NE	15
110NW 2+50NE	5
110NW 2NE	5
110NW 1+50NE	5
110NW 1NE	5
110NW 0+50NE	5

SAMPLE	AU* PPB
110NW 0+50SW	5
110NW 1SW	5
110NW 1+50SW	5
110NW 2SW	5
110NW 2+50SW	5
110NW 3SW	5
110NW 3+50SW	5
110NW 4SW	5
110NW 4+50SW	5
110NW 5SW	5
110NW 5+50SW	5
110NW 6SW	5
109NW 4+00NE	5
109NW 3+50NE	5
109NW 3NE	5
109NW 2+50NE	5
109NW 2NE	5
109NW 1+50NE	5
109NW 1NE	5
109NW 0+50NE	5
109NW 0+50SW	5
109NW 1SW	5
109NW 1+50SW	5
109NW 2SW	20
109NW 2+50SW	10
109NW 3SW	5
109NW 3+50SW	5
109NW 4SW	5
109NW 4+50SW	5
109NW 5SW	25
109NW 5+50SW	10
109NW 6SW	10
108NW 4NE	5
108NW 3+50NE	5
108NW 3NE	5
108NW 2+50NE	5
108NW 2NE	5

SAMPLE	AU* PPB
108NW 1+50NE	5
108NW 1NE	5
108NW 0+50NE	5
108NW 0+50SW	5
108NW 1SW	5
108NW 1+50SW	5
108NW 2SW	5
108NW 2+50SW	65
108NW 3SW	5
108NW 3+50SW	30
108NW 4SW	10
108NW 4+50SW	5
108NW 5SW	5
108NW 5+50SW	10
108NW 6SW	5
107NW 4NE	5
107NW 3+50NE	5
107NW 3NE	5
107NW 2+50NE	5
107NW 2NE	5
107NW 1+50NE	5
107NW 1NE	5
107NW 0+50NE	5
107NW 0+50SW	5
107NW 1SW	20
107NW 1+50SW	5
107NW 2SW	70
107NW 2+50SW	10
107NW 3SW	5
107NW 3+50SW	5
107NW 4SW	5
107NW 4+50SW	5
107NW 5SW	35
107NW 5+50SW	50
107NW 6SW	10
83GBGG-1 ROCK	5

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED JUNE 24 1983

DATE REPORTS MAILED June 30/83

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C., -80 MESH.
AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER De Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

GERLE GOLD FILE # 83-0933 PROJECT # N38°30'W PAGE# 1

SAMPLE	AU* PPB
BL 11+850	5
BL 11+800	5
BL 11+750	5
BL 11+700	50

SAMPLE	AU* PPB
BL 11+650	560
BL 11+600	40
BL 11+550	5
BL 11+500	20
BL 11+450	5
BL 11+400	5
BL 11+350	5
BL 11+300	5
BL 11+250	5
BL 11+200	5
BL 11+150	5
BL 11+100	5
BL 11+050	5
BL 11+000	5
BL 10+850	5
BL 10+800	5
BL 10+750	5
BL 10+700	5
BL 10+650	5
BL 10+600	5
BL 10+550	5
BL 10+500	5
BL 10+450	5
BL 10+400	5

SAMPLE	AU* PPB
120NW 0+050	5
120NW 0+100	5
120NW 0+150	5
120NW 0+250	5
120NW 0+300	5
120NW 0+350	5
119NW 0+050	840
119NW 0+100	5
119NW 0+150	5
119NW 0+200	5
119NW 0+250	5
119NW 0+350	5
119NW 0+400	5
118NW 0+050	5
118NW 0+100	5
118NW 0+150	5
118NW 0+200	5
118NW 0+250	5
118NW 0+300	5
118NW 0+350	10
118NW 0+400	5
117NW 0+050	5
117NW 0+100	5
117NW 0+150	5
117NW 0+200	5
117NW 0+250	5
117NW 0+300	5
117NW 0+350	5
117NW 0+400	5

SAMPLE	AU* PPB
125NW 0+050	20
125NW 0+150	5
125NW 0+200	5
125NW 0+250	5
125NW 0+300	10
125NW 0+350	5
125NW 0+400	5
125NW 0+450	5
125NW 0+500	5
125NW 0+550	5
125NW 0+600	10
125NW 0+650	5
125NW 0+700	5
125NW 0+750	20
125NW 0+800	5
125NW 0+850	5
125NW 0+900	5
125NW 0+950	5
125NW 1+000	5
125NW 1+050	5
125NW 1+100	5
125NW 1+150	5
125NW 1+200	5
125NW 1+250	5
125NW 1+300	5
125NW 1+350	5
125NW 1+400	5
125NW 1+450	5
125NW 1+500	10
120NW 0+050	5
120NW 0+100	10
120NW 0+150	5
120NW 0+200	25
120NW 0+250	5
120NW 0+300	25
120NW 0+350	20
120NW 0+400	5
120NW 0+450	5
120NW 0+500	5

SAMPLE	AU* PPB
120NW 0+550	5
120NW 0+600	5
120NW 0+650	5
120NW 0+700	5
120NW 0+750	5
120NW 0+800	5
119NW 0+050	5
119NW 0+100	5
119NW 0+150	5
119NW 0+200	5
119NW 0+250	5
119NW 0+300	5
119NW 0+350	5
119NW 0+400	25
118NW 0+050	5
118NW 0+100	5
118NW 0+150	5
118NW 0+200	5
118NW 0+250	5
118NW 0+300	5
118NW 0+350	5
118NW 0+400	5

SAMPLE	AU* PFB
116NW 0+050	60
116NW 0+100	5
116NW 0+150	15
116NW 0+200	10
116NW 0+250	5
116NW 0+300	5
116NW 0+350	15
116NW 0+400	5
115NW 0+050	5
115NW 0+100	5
115NW 0+150	10
115NW 0+200	10
115NW 0+250	5
115NW 0+300	5
115NW 0+350	5
115NW 0+400	5
115NW 0+450	5
115NW 0+500	10
115NW 0+550	10
115NW 0+600	20
115NW 0+650	10
115NW 0+700	5
115NW 0+750	10
115NW 0+800	15
114NW 0+050	10
114NW 0+100	5
114NW 0+150	5
114NW 0+200	10
114NW 0+250	25
114NW 0+300	5
114NW 0+350	5
114NW 0+400	10
113NW 0+050	10
113NW 0+100	10
113NW 0+150	15
113NW 0+200	5
113NW 0+250	5
113NW 0+300	5

SAMPLE	AU* PPB
113NW 0+350	5
113NW 0+400	5
112NW 0+050	5
112NW 0+100	5
112NW 0+150	15
112NW 0+200	5
112NW 0+250	5
112NW 0+300	5
112NW 0+350	5
112NW 0+400	5

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED JUNE 13 1983

DATE REPORTS MAILED *June 18/83*

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C., -80 MESH.

AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

GERLE GOLD FILE # 83-0772 N38° - 30' W

PAGE# 1

SAMPLE	AU* PPB
BL 14+140.4	5
BL 14+100	5
BL 13+900	5
BL 13+850	5
BL 13+550	5
BL 13+500	5
BL 13+450	5
BL 13+400	5
BL 13+350	5
BL 13+300	30
BL 13+250	25
BL 13+200	5
BL 13+50	25
BL 13+100	10
BL 13+050	5
BL 13+000	5
BL 13+950	5
BL 13+700	15
BL 13+650	5
BL 13+600	15
BL 12+550	20
BL 12+500.2	5
BL 12+450	25
BL 12+400	15
BL 12+350	5
BL 12+300	5
BL 12+250	5
BL 12+200	5
BL 12+152.5	5
BL 12+100	35
BL 12+050.1	20
BL 12+000.2	35
BL 11+950.4	20
BL 11+900.6	15
BL 11+850	5

SAMPLE	AU* PPB
136NW 0+050	25
136NW 0+100	5
136NW 0+150	5
136NW 0+200	5
136NW 0+250	5
136NW 0+300	5
135NW 0+050	5
135NW 0+100	5
135NW 0+150	20
135NW 0+200	5
135NW 0+250	5
135NW 0+300	5
134NW 0+050	5
134NW 0+100	5
134NW 0+150	5
134NW 0+200	5
134NW 0+250	55
134NW 0+300	5
133NW 0+050	5
133NW 0+100	5
133NW 0+150	5
133NW 0+200	55
133NW 0+250	5
133NW 0+300	5
132NW 0+050	190
132NW 0+100	5
132NW 0+150	5
132NW 0+200	5
132NW 0+250	5
132NW 0+300	5
131NW 0+050	5
131NW 0+100	55
131NW 0+150	145
131NW 0+200	5
131NW 0+250	135
131NW 0+300	140

SAMPLE	AU+ PPB
130NW 0+050	5
130NW 0+100	10
130NW 0+250	5
130NW 0+300	10
129NW 0+100	5
129NW 0+150	365
129NW 0+300	10
128NW 0+150	20
128NW 0+200	5
128NW 0+250	5
128NW 0+300	5
127NW 0+050	10
127NW 0+200	5
127NW 0+250	65
127NW 0+300	20
126NW 0+050	5
126NW 0+300	5

SAMPLE	AU* PPB
138NW 0+050	10
138NW 0+100	25
138NW 0+150	10
137NW 0+050	5
137NW 0+100	5
137NW 0+150	5
136NW 0+100	10
136NW 0+150	10
135NW 0+050	10
135NW 0+100	25
132NW 0+100	10
132NW 0+150	10
132NW 0+200	5
132NW 0+250	60
132NW 0+300	185
132NW 0+350	10
132NW 0+400	5
131NW 0+050	5
131NW 0+100	5
131NW 0+150	5
131NW 0+200	5
131NW 0+250	5
131NW 0+300	10
131NW 0+350	15
130NW 0+050	5
130NW 0+100	5
130NW 0+150	30
130NW 0+200	5
130NW 0+250	5
130NW 0+300	10
130NW 0+450	140
130NW 0+500	5
130NW 0+550	30
130NW 0+600	15
130NW 0+650	5
130NW 0+700	15
130NW 0+750	5
130NW 0+800	10
130NW 0+850	15
130NW 0+900	20

SAMPLE	AU* PPB
130NW 0+950	45
130NW 1+000	25
130NW 1+050	10
130NW 1+100	20
130NW 1+150	15
130NW 1+200	5
130NW 1+250	5
130NW 1+300	5
130NW 1+350	5
130NW 1+400	5
130NW 1+450	5
130NW 1+500	15
129NW 0+400	5
128NW 0+150	10
128NW 0+350	10
128NW 0+400	10
127NW 0+050	5
127NW 0+100	5
127NW 0+150	5
127NW 0+200	5
127NW 0+250	5
127NW 0+300	10
127NW 0+350	5
127NW 0+400	5
126NW 0+050	115
126NW 0+250	5
126NW 0+300	65
126NW 0+350	10
126NW 0+400	5
124NW 0+050	15
124NW 0+150	5
124NW 0+200	5
124NW 0+250	725
124NW 0+300	5
124NW 0+350	5
124NW 0+400	5

SAMPLE	AU* PPB
123NW 0+050	5
123NW 0+100	5
123NW 0+150	5
123NW 0+200	5
123NW 0+250	5
123NW 0+300	5
123NW 0+350	10
123NW 0+400	10
122NW 0+050	5
122NW 0+100	5
122NW 0+150	20
122NW 0+200	5
122NW 0+250	5
122NW 0+300	5
122NW 0+350	5
122NW 0+400	5
121NW 0+050	10
121NW 0+100	5
121NW 0+150	15
121NW 0+200	5
121NW 0+250	5
121NW 0+300	5
121NW 0+350	5
121NW 0+400	5

APPENDIX II

Statistical Analyses of Geochemical Data

2125
2175
2225
2275
2325
2375
2425
2475

SUMMARY OF STATISTICS

GERLE GOLD SOIL GEOCHEMISTRY

SEPTEMBER 5 1983

NUMBER OF SAMPLES	=	1409
MEAN	=	17.6863023
VARIANCE	=	8249.57908
STANDARD DEVIATION	=	90.8271936
SAMPLE MINIMUM	=	5 ←
SAMPLE MAXIMUM	=	2300 ←
SAMPLE RANGE	=	2295
MEDIAN	=	1152.5
SUM OF SQUARES	=	12056150
SUM OF VALUES	=	24920
SKEWNESS	=	17.7086663
KURTOSIS	=	377.241415
NUMBER OF CLASSES	=	50
CLASS INTERVAL	=	50

SUMMARY OF STATISTICS

TOTAL POPULATION

GERLE GOLD SOIL GEOCHEMISTRY

SEPT 5 1983

LOG TRANSFORMS

NUMBER OF SAMPLES	=	1409
MEAN	=	.875247613
VARIANCE	=	.129435688
STANDARD DEVIATION	=	.359771716
SAMPLE MINIMUM	=	.698970004
SAMPLE MAXIMUM	=	3.36172784
SAMPLE RANGE	=	2.66275783
MEDIAN	=	2.03034892
SUM OF SQUARES	=	1261.62171
SUM OF VALUES	=	1233.22389
SKEWNESS	=	2.71362949
KURTOSIS	=	11.7614876
NUMBER OF CLASSES	=	20
CLASS INTERVAL	=	.2

SUMMARY OF STATISTICS

GERLE GOLD SOIL GEOCHEMISTRY

SEPTEMBER 5 1983

VALUES LESS THAN 10ppb CUT

LOG TRANSFORMS	=	
NUMBER OF SAMPLES	=	398
MEAN	=	1.32302818
VARIANCE	=	.178911557
STANDARD DEVIATION	=	.422979382
SAMPLE MINIMUM	=	1
SAMPLE MAXIMUM	=	3.36172784
SAMPLE RANGE	=	2.36172784
MEDIAN	=	2.18086392
SUM OF SQUARES	=	767.688506
SUM OF VALUES	=	526.565215
SKEWNESS	=	1.74107754
KURTOSIS	=	6.38063053
NUMBER OF CLASSES	=	20
CLASS INTERVAL	=	.2

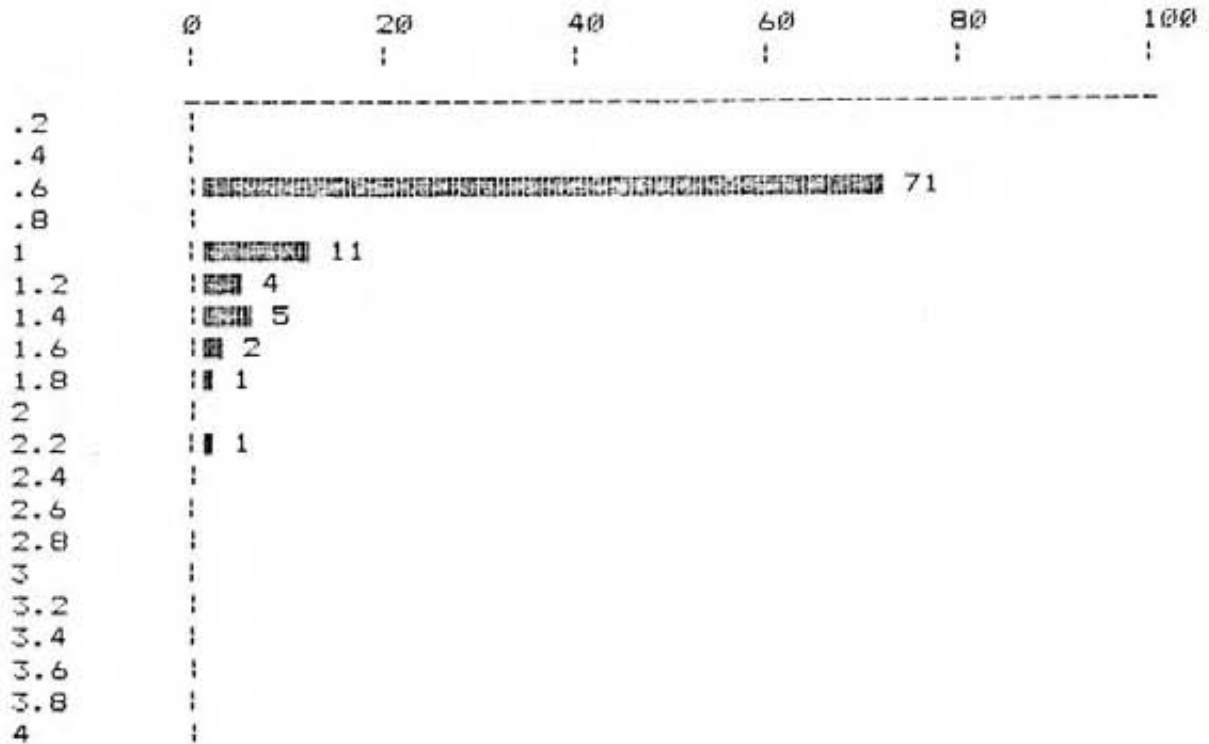
HISTOGRAM

GERLE GOLD SOIL GEOCHEMISTRY

SEPT 5 1983

Low

PERCENT OF POPULATION

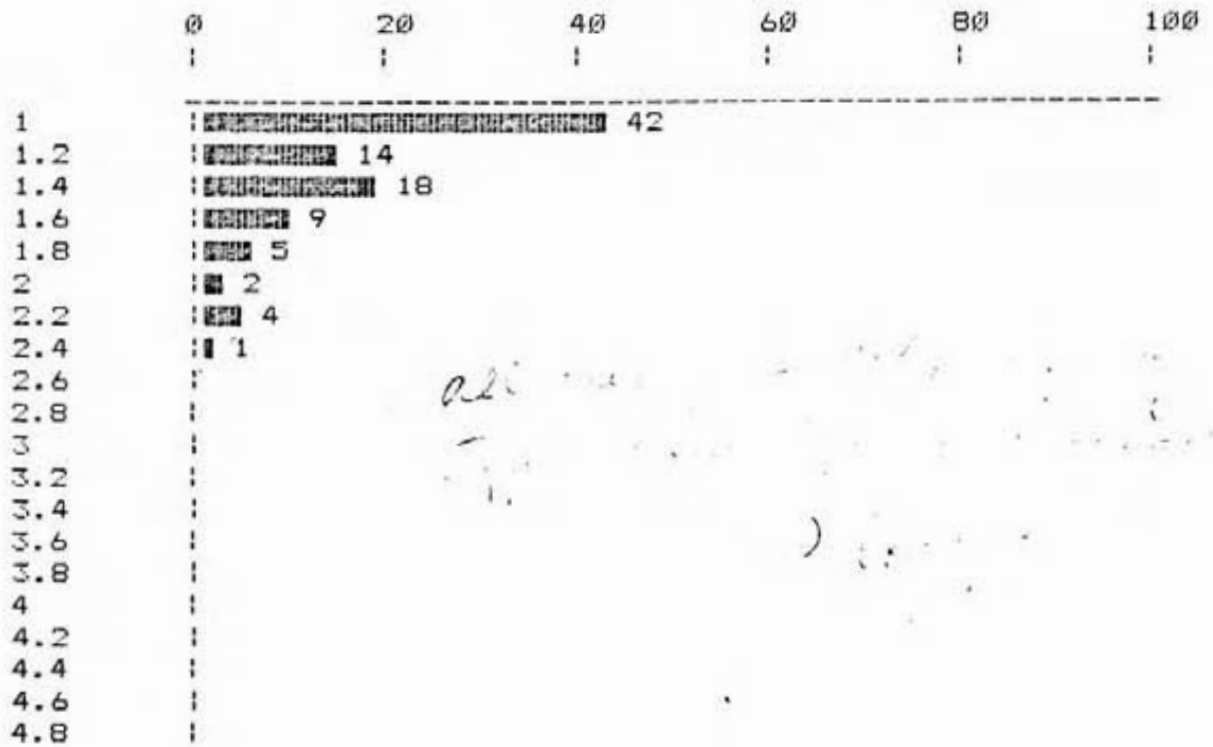


HISTOGRAM

GERLE GOLD SOIL GEOCHEMISTRY

SEPTEMBER 5 1983

PERCENT OF POPULATION

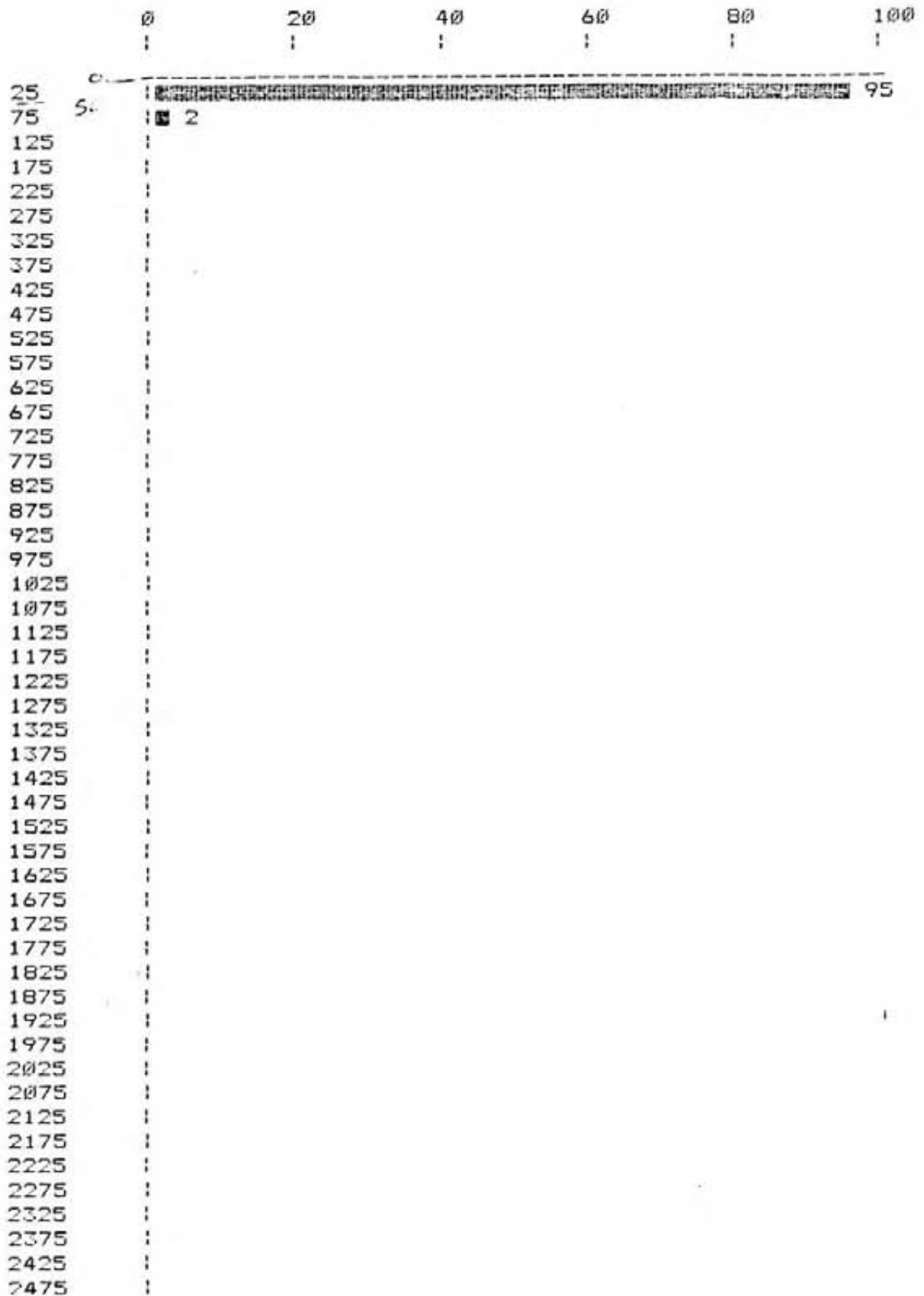


HISTOGRAM

GERLE GOLD SOIL GEOCHEMISTRY

SEPTEMBER 5 1983

PERCENT OF POPULATION



FREQUENCY DISTRIBUTION PLOT

GERLE GOLD SOIL GEOCHEMISTRY

10 19.9 39.8 79.4 158. 316. 630. 1258 2511 5011 10000

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.03
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1.2
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2.3
3.1
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5.6
7.5
9.4
12
14.8
18
21.8
25.5
29.7
35
49.5
44.8
50
54.3
60
65
69.4
73.8
78
81.9
85
87.8
91
92.4
94.2
95.5
96.7
97.4
98.2
98.7
99.1
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99.55
99.7
99.8
99.87
99.92
99.95
99.97
99.98
99.99*

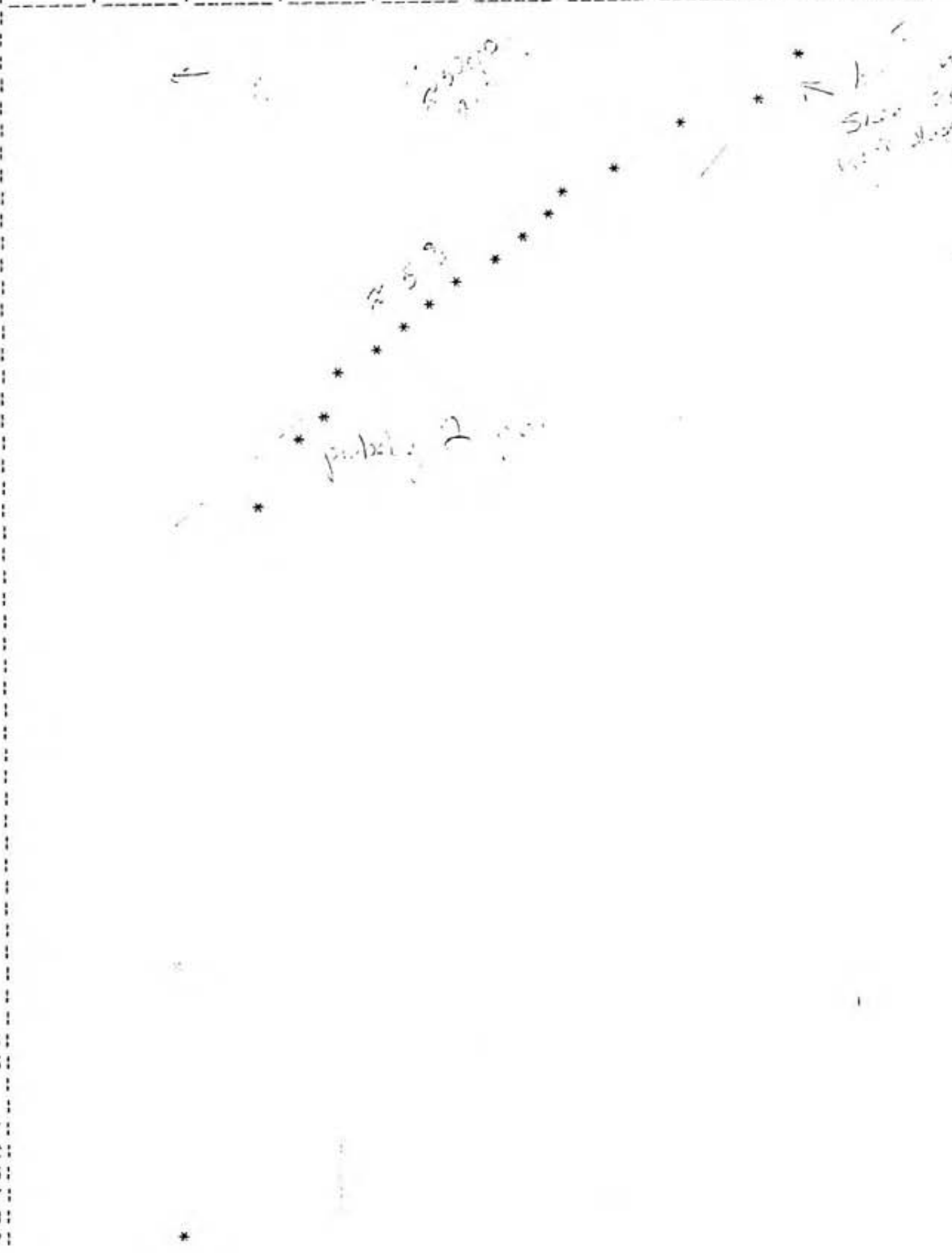


FREQUENCY DISTRIBUTION PLOT

GERLE GOLD SOIL GEOCHEMISTRY

1 2.51 6.30 15.8 39.8 100 251. 630. 1584 3981 10000

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3.1
4.5
5.6
7.5
9.4
12
14.8
18
21.8
25.5
29.7
35
49.5
44.8
50
54.3
60
65
69.4
73.8
78
81.9
85
87.8
91
92.4
94.2
95.5
96.7
97.4
98.2
98.7
99.1
99.35
99.55
99.7
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99.87
99.92
99.95
99.97
99.98
99.99



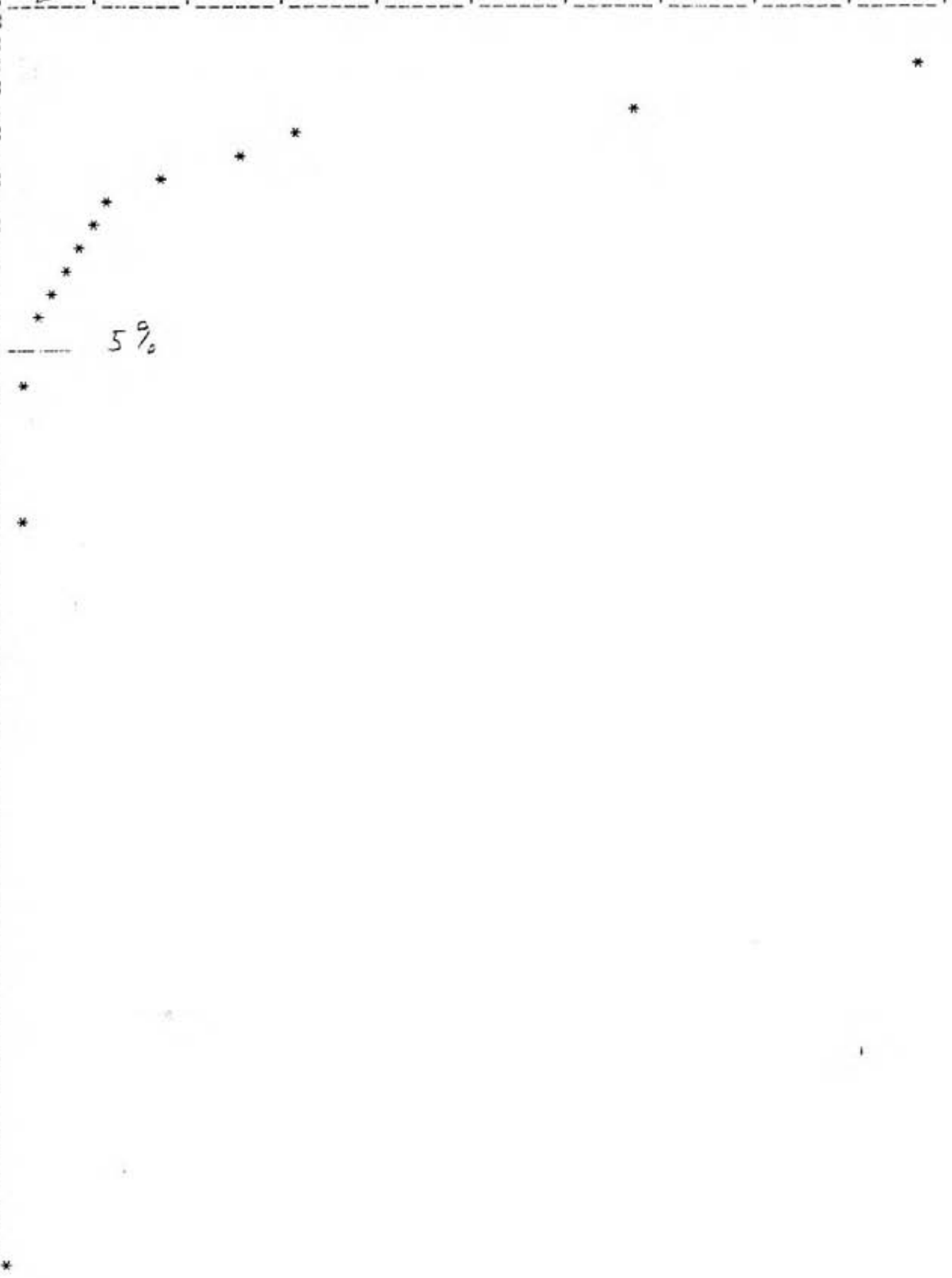
FREQUENCY DISTRIBUTION PLOT

GERLE GOLD SOIL GEOCHEMISTRY

5 244 484 963 1442 1921 2400

244. 723. 1202 1681 2160

.02
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3.1
4.5
5.6
7.5
9.4
12
14.8
18
21.8
25.5
29.7
35
49.5
44.8
50
54.3
60
65
69.4
73.8
78
81.9
85
87.8
91
92.4
94.2
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96.7
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APPENDIX III

V.L.F. - E.M. Data

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JULY 10/83
 LINE 63 NW OPERATOR G.B.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
600SW	62	-4	-8	
	62	-4	-9	3
	62	-5	-11	3
	60	-6	-12	1
500SW	59	-6	-12	0
	57	-6	-12	0
	57	-6	-12	1
	56	-6	-13	-
400SW	53	-7	-9	-
	50	-2	-1	-
	52	+1	2	-
	55	+1	2	-
300SW	55	+1	3	-
	57	+2	4	-
	57	+2	5	-
	55	+3	7	-
200SW	55	+4	9	-
	57	+5	11	-
	60	+6	12	0
	63	+6	11	3
100SW	65	+5	9	3

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JULY 10/83
 LINE 64 NW OPERATOR G.B.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
600SW	62	-2	-4	
	62	-2	-4	2
	62	-2	-6	4
	60	-4	-8	2
500SW	60	-4	-8	0
	60	-4	-8	0
	60	-4	-8	2
	60	-4	-10	3
400SW	55	-6	-11	-
	53	-5	-8	-
	51	-3	-4	-
	52	-1	-1	-
300SW	50	0	2	-
	52	+2	5	-
	55	+3	5	0
	55	+2	5	-
200SW	57	+4	6	-
	57	+3	7	-
	57	+4	8	-
	61	+4	8	0
100SW	62	+4	8	0

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JULY 10/83
 LINE 65 NW OPERATOR G.B.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
600SW	61	+3	6	FS 0600
	63	+3	5	2
	64	+2	4	3
	63	+2	2	5
500SW	63	0	-1	7
	65	-1	-5	5
	62	-4	-6	-
	59	-2	-3	-
400SW	56	-1	-2	-
	55	-1	-2	0
	54	-1	-2	0
	55	-1	-2	1
300SW	56	-1	-3	2
	55	-2	-4	-
	55	-2	-2	-
	54	0	2	-
200SW	53	+2	5	-
	54	+3	6	-
	55	+3	8	-
	57	+5	11	-
100SW	58	+6	13	-

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JULY 10/83
 LINE 66 NW OPERATOR G.B.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
600SW	58	+6	12	
	59	+6	10	7
	61	+4	5	9
	58	+1	1	5
500SW	57	0	0	1
	57	0	0	0
	57	0	0	1
	58	0	-1	1
400SW	57	-1	-1	-
	55	0	0	0
	50	0	-1	2
	52	-1	-2	1
300SW	53	-1	-2	-
	55	-1	0	-
	53	+1	3	-
	52	+2	5	-
200SW	52	+3	6	-
	52	+3	6	-
	52	+3	7	-
	53	+4	9	-
100SW	55	+5	11	-

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	66	+4	8	3	
	65	+4	6	6	
	65	+2	2	7	
<i>B.L.</i>	66	0	-1	5	
	61	-1	-3	1	
	59	-2	-2	-	
	61	0	1	-	
<i>Hook</i>	62	+4	3	-	
	62	+2	3	2	
	65	+1	1	3	
	62	0	0		
<i>2 Hook</i>	62	0			<i>ES 0.600</i>

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	62	+4	3	0	
	63	+4	3	4	
	64	+4	4	8	
<i>B.L.</i>	65	0	0	5	
	64	0	-1	2	
	61	-1	-2	0	
	62	-1	-1	-	
<i>Hook</i>	61	0	1	-	
	53	+1	2	-	
	59	+1	2	0	
	57	+1	2		
<i>2 Hook</i>	57	+1			

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	60	+7	14	1	
	62	+7	12	7	
	65	+5	7	10	
<i>B.L.</i>	64	+2	2	8	<i>x TABLE</i>
	64	0	-1	4	
	63	-1	-2	0	
	64	-1	-1	-	
<i>Hook</i>	60	0	0	-	
	60	0	0	-	
	60	0	1	-	
	60	+1	2		
<i>2 Hook</i>	60	+1			

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	56	+6	12	1	
	60	+6	10	7	
	62	+4	5	10	
<i>B.L.</i>	61	+1	0	6	
	60	-1	-1	-	
	60	0	2	-	
	58	+2	4	-	
<i>Hook</i>	58	+2	4	0	
	53	+2	4	0	
	53	+2	4	0	
	53	+2	4	0	
<i>2 Hook</i>	58	+2	4		

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July 1983
 LINE 67 NW OPERATOR CR

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
			17	20	
600SW	56	+3	5		
	57	+2	4	1	
	55	+2	4	0	
	54	+2	4	0	
500SW	54	+2	4	0	
	53	+2	4	0	
	53	+2	4	0	
	53	+2	4	0	
	53	+2	4	0	
400SW	54	+2	4	0	
	53	+2	4	0	
	53	+2	4	0	
	53	+2	4	0	
300SW	53	+3	5		
	53	+4	7	-	
	52	+5	9	-	
	53	+5	10	-	
200SW	53	+6	11	-	
	53	+11	17	-	
	57	+9	20	1	
	57	+7	16	7	
100SW	62	+6	13	5	
			11	6	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE Aug 20/83
 LINE 68 NW OPERATOR CR

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
			17	20	
900SW	66	+2	7	12	
	65	+2	2	10	Swamp
	64	0	-1	2	
	65	-1	-4	5	
800SW	63	-3	-6	4	
	60	-3	-8	2	
	57	-5	-8	-	
	54	-2	-3	-	
700SW	53	0	1	-	
	53	+1	2	-	
	53	+1	3	-	
	53	+2	6	-	
600SW	54	+4	7	-	
	54	+7	8	-	
	54	+5	11	-	
	55	+6	12	-	
500SW	56	+6	12	0	
	58	+6	12	-	
	58	+6	13	-	
	60	+7	15	-	F.S. OK
400SW	55	+8			

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July 12/83
 LINE 68 NW OPERATOR CR

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
			17	20	
400SW	55	+8	18		AT SWAMP BECAUSE INLET
	56	+10	21	-	F.S. OK
	57	+11	21	1	
	62	+10	20	1	
300SW	64	+10	20	-	Δ IN SWAMP TRAMP BECAUSE SWAMP AT SWAMP BECAUSE
	65	+10	18	7	
	68	+8	13	13	x POSSIBLE
	67	+5	5	10	
200SW	57	0	3	-	
	60	3	2	-	
	60	5	11	-	
	63	6	10	4	
100SW	63	4	7	6	x POSSIBLE
	66	3	4	4	
	65	1	7	0	
	62	2	4	0	
B.L.	62	2	3	3	
	61	1	1	3	
	57	0	0	1	
	58	0	0		
100SW	57	0			

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July 12/83
 LINE 67 NW 70 NW OPERATOR CR

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
			17	20	
	83	-1	0	-	
	82	+1	4	-	
	82	+3	7	-	
800SW	83	+6	7	2	
	81	+3	5	2	
	80	+2	5	-	
	78	+3	7	-	
700SW	77	+4			
LINE 70 NW					
600SW					F.S. OK
	41	+5	11		
	41	+6	16	-	Δ SWAMP FROM SWAMP BECAUSE AT SWAMP BECAUSE
	41	+10	20	-	
500SW	42	+10	21	-	
	40	+11	22	-	
	47	+11	22	1	
	50	+11	21	6	
400SW	53	+10	16	12	
	55	+6	9	12	x POSSIBLE
	55	+3	4	6	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	62	+4	7	7	
	61	+3	4	6	
	59	+1	1	4	
R.L.	59	0	0	-	FS 0600
	57	0	2	-	
	55	+2	6	-	
	57	+4	8	-	
HOOGE	57	+4	8	0	
	57	+4	8	0	
	56	+4	8	0	
	56	+4	8		
ZOOGE	55	+4			

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS

VLF - EM SURVEY

PROJECT 66 PAGE _____

GRID _____ DATE July 1982

LINE 67 NW OPERATOR GA

SOURCE STATION Seattle

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
SooSu					FS 0600
	68	+9	19		
	67	+6	21	-	
WooSu	69	+11	24	-	
	75	+13	25	4	LA NZ 2002.50
	77	+12	20	13	x Prudent
	80	+8	12	11	
ZooSu	81	+4	9	7	
	82	+5	9	7	
	83	+6	8	7	
	83	+4	8	0	
ZooSu	82	+4	8	0	
	82	+4	8	0	
	82	+4	8	-	
	80	+8	12	-	
	80	+8	21	-	
HooSu	85	+3	21	13	
	100	+8	8	21	x definite
	91	0	0	9	
	90	0	-1	+2	
B.L.	89	-1	-2	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	53	+1	3	-	
ZooSu	51	+2	6	-	
	51	+4	11	-	
	51	+7	13	1	
	55	+6	10	6	
ZooSu	56	+4	7	4	
	55	+3	6	0	
	54	+3	7	-	
	53	+4	11	-	
HooSu	55	+7	8	12	
	63	+1	-1	14	x Prudent
	61	-2	-6	7	
	62	-4	-8	2	
B.L.	58	-4	-8	-	
	57	-4	-6	-	
	57	-2	-3	-	
	58	-1	-1	-	
HooSu	61	0	-1	2	
	61	-1	-3	1	
	62	-2	-2		
	62	0	-2		
HooSu	63	+2	2		

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July 12/97
 LINE 71 NW OPERATOR SB
 SOURCE STATION Seattle

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
7100SW	43	-2	-2	
	41	-1	-3	
	40	-2	-2	Δ down 17m E to #2 ground
	38	0	4	
6100SW	37	+2	10	
	38	+6	14	
	38	+8	18	
	40	+10	20	
5100SW	41	+10	21	
	43	+11	22	
	46	+11	21	
	48	+10	18	
4100SW	50	+8	15	2 POSSIBLE
	52	+5	8	
	49	+3	8	
	47	+5	10	
3100SW	47	+5	7	
	48	+2	4	
	48	+2	6	
	47	+4	10	
2100SW	46	+6	13	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July 17/97
 LINE 72 NW OPERATOR G.P.
 SOURCE STATION _____

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
7100SW	49	-1	-1	
	47	0	0	
	45	0	1	
	43	+1	3	EDGE FIELD CAPTURE
6100SW	44	+2	4	
	43	+2	8	
	42	+6	17	
	42	+11	23	
5100SW	45	+12	25	1...
	48	+11	22	2
	48	+11	21	2
	50	+10	20	2
4100SW	54	+10	19	1
	56	+9	13	9
	55	+10	10	19
	55	0	0	10
3100SW	52	0	0	-
	50	0	2	-
	48	+2	5	-
	48	+3	7	-
2100SW	48	+4	10	-

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE August 7
 LINE 72 NW OPERATOR G.P.
 SOURCE STATION Seattle

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
3100SW	44	+4	10	July
	52	+6	11	F.S. 0600 August
	53	+5	11	
	53	+6	17	
4100SW	57	+11	15	9
	58	+4	8	3
	56	+4	12	-
	57	+8	15	13
5100SW	68	+5	-1	23
	83	-6	-10	4
	86	-4	-5	-
	84	-1	0	-
6100SW	73	+1	0	-

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July 17/97
 LINE 7300 NW OPERATOR GP
 SOURCE STATION Seattle

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
7100SW	50	-4	-7	F.S. 0600
	48	-3	-6	-
	47	-3	-3	-
	47	0	0	EDGE MEADOW
6100SW	45	0	+2	-
	43	+2	8	-
	44	+6	13	-
	45	+7	14	-
5100SW	46	+7	16	-
	49	+9	19	-
	47	+10	21	0
	51	+11	19	9
4100SW	55	+8	12	15
	56	+4	4	12
	56	0	0	3
	52	0	1	-
3100SW	52	+1	2	0
	51	+1	1	1
	50	0	1	-
	48	+1	7	-
2100SW	50	+6	12	-

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE _____
 LINE 73NW OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
7000W	49	+3	6		
	44	+3	8	5	
	44	+5	14	2	
	45	+9	19	2	
4000W	51	+10	15	7	
	56	+5	10	4	
	60	+8	11	-	
5000W	76	+5	11	15	small DRAW
	65	-9	-4	28	
	59	-8	-17	10	
	59	-8	-14	-	
	58	-6	-11	-	
6000W	58	-5	-7	-	F.S. 0500
	55	-2			

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JUNY 6/03
 LINE 74NW OPERATOR G.B.

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
8000W	56	-4	-8		
	56	-4	-8	1	
	54	-4	-9	1	
	52	-5	-9	1	
7000W	52	-4	-10	4	
	49	-6	-13	2	
	48	-7	-12	-	
	47	-5	-8	-	
6000W	44	-3	-3	-	
	45	0	1	-	
	45	11	4	-	Lu in CAUSAS STRSW
	46	+8	8	-	
5000W	48	+5	10	1	
	51	+5	7	7	
	54	+2	3	6	x POSSIBLE
	54	+1	1	4	
4000W	52	0	-1	1	
	52	-1	-2	0	
	52	-1	-1	-	
	52	0	-1	-	
3000W	52	-1	-4	4	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE _____
 LINE 74SW OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
7000W	49	-1			
6000W	43	+5	7		F.S. 0500
	40	+4	10	-	
	41	+6	15	-	
4000W	45	+9	11	10	
	47	+2	5	2	
	44	+3	7	-	
	45	+6	17	7	
3000W	51	+11	2	26	
	53	-9	-7	18	
	50	-10	-20	-	
	46	-10	-10	-	
2000W	43	-8			

VLF - EM SURVEY

PROJECT 6.6 NW PAGE _____
 GRID _____ DATE JUNY 7/03
 LINE 75 NW OPERATOR G.B.

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
9000W	59	+1	0	7	F.S. 0600
	52	-2	-3	-	
	52	-2	4	-	
	53	+6	12	-	
8000W	58	+6	8	13	
	61	+2	-1	18	x PROBABLE
	61	-3	-10	14	
	58	-7	-15	6	
7000W	55	-8	-16	1	EDGE MEADOW 6055W
	51	-8	-16	-	2 0500 0.25M SW
	50	-9	-14	-	Lu in 6065 SW
	47	-6	-8	-	
6000W	47	-2	-2	-	
	49	0	0	-	
	47	0	2	-	
	49	+2	6	-	
5000W	52	+4	6	4	
	55	+2	2	9	x POSSIBLE
	55	0	-3	4	
	56	-3	-6	2	
4000W	54	-3	-5		

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	50	-3	-5 -	
	48	-2	-1 -	
	47	+1	3 -	
2000W	48	+2	5 -	
	50	+3	6 -	
	50	+3	6 1	
	50	+3	5 3	
1000W	51	+2	3 1	
	51	+1	4 -	
	51	+3	9 -	
	52	+6	12 3	
B.L.	55	+6	6 16	
	62	0	-4 15	X PARADISE
	57	-4	-9 7	
	57	-5	-11 4	
1000W	54	-6	-13 2	
	52	-7	-13 -	
	49	-6	-11 -	
	48	-5	-7 -	
2000W	41	-2	-4 -	
	47	-2	-3 -	
	47	-1		

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	52	-2	-4 -	
	53	-2	-4 1	
	53	-2	-5 1	
3000W	51	-3	-5 -	
	51	-2	-2 -	
	50	0	0 -	
	50	0	0 0	
2000W	52	0	0 0	
	52	0	0 1	
	52	0	-1 -1	
	50	-1	-1 -	
1000W	51	0	2 -	
	51	+2	5 -	
	52	+3	8 -	
	55	+5	13 0	
B.L.	58	+3	8 21	
	71	0	-3 27	X DEPIQUES
	65	-8	-19 14	
L	59	-11	-22 2	
1000W	55	-11	-21 -	
	50	-10	-18 -	

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE July 2/82
 LINE 75NW OPERATOR G.P.

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	48	-8			
	47	-6	-14		
<i>Source</i>	46	-3	-9		
	46	0	-3		
	44	+1	1		
	48	+1	2		
<i>Source</i>	50	+2	3		
	50	+4	6		
	53	+7	11		
	60	+8	15	2	
<i>Wood</i>	61	+1	9	14	x POSSIBLE
	58	0	1	7	
	58	+2	2	-	
	42	+5	7	-	
<i>Source</i>	79	-2	3	17	
	68	-8	-10	17	x DEFINITE
	61	-10	-18	8	
	58	-8	-18	-	
<i>Source</i>	58	-8	-16	-	
	57	-7	-15	0	
	58	-9	-16	3	
			-19	3	

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE July 4/82
 LINE 76NW OPERATOR G.P.

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	47	-2			
	47	0	-1		
	46	+1	1		
	47	+3	4		
<i>Source</i>	47	+2	5		
	48	+1	3	3	
	48	+1	2	0	
	47	+2	3	-	
<i>Source</i>	46	+3	5	-	
	48	+6	7	-	
	51	+7	13	-	
	57	+7	14	6	
<i>Source</i>	58	0	7	17	x POSSIBLE
	55	-3	-3	15	
	55	-3	-6	2	
	53	-2	-5	-	
<i>Source</i>	55	-1	-3	-	
	55	0	-1	-	
	56	-2	-2	-5	
	56	-2	-6	8	x POSSIBLE
	57	-4	-6	4	
<i>Source</i>	53	-6	-10	4	EDGE NEARBY
			-10	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 76NW OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	47	-9			
	45	-6	-15	-	
<i>Source</i>	42	-3	-7	-	
	42	0	-3	-	
	43	+1	1	-	
	43	+5	6	-	
<i>Source</i>	44	+6	11	-	
	44	+3	14	-	
	45	+11	19	-	
	52	+12	23	-	
<i>Source</i>	50	+8	20	7	
	52	+8	16	2	
	50	+10	12	-	
	50	+10	21	-	
	62	+11	21	-	
<i>Source</i>	67	+8	19	13	
	68	0	8	20	SWAMP
	67	-1	-1	14	
	67	-5	-6	8	
<i>Source</i>	60	-4	-9	-	FS 0600

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE July 4/82
 LINE 77NW OPERATOR G.P.

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	49	0			
<i>Source</i>	48	0	0	3	
	49	-2	-2	6	
	47	-4	-6	5	
<i>Source</i>	46	-3	-7	-	
	46	-2	-5	-	
	43	-2	-4	-	
	43	-2	-2	-	
	41	0	3	-	
<i>Source</i>	40	+3	7	-	
	40	+6	13	-	
	42	+7	21	-	
	43	+12	30	-	
<i>Source</i>	44	+18	32	-	
	48	+14	31	1	
	51	+17	31	5	
<i>Source</i>	53	+14	26	16	
	57	+12	15	24	DRUMMERS RIDGE
	64	+3	2	21	x DEFINITE
	62	-1	-6	9	
	60	-5	-11	3	EDGE NEARBY
<i>Source</i>	54	-6	-9	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 27NW OPERATOR _____

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	48	-12	-22	-
	45	-10	-17	-
2700W	43	-7	-10	-
	42	-5	-3	-
	42	0	1	-
	42	+1	5	-
3700W	42	+4	10	-
	42	+6	15	-
	43	+9	20	-
	47	+11	17	7
4700W	48	+6	13	2
	47	+7	15	-
	48	+8	20	-
	50	+12	26	-
5700W	52	+14	23	2
	58	+14	24	7
	59	+10	21	7
	62	+11	17	8
6700W	63	+6	12	6
	62	+6	11	
	63	+5		

F.S. 0600

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUN 4 1973
 LINE 28NW OPERATOR GR

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
2900W	51	+1	3	1
	52	+2	4	-2
	54	+2	2	6
	55	0	-2	2
3900W	54	-2	-4	1
	51	-2	-3	-
	47	-1	-3	-
	48	-2	-2	-
2900W	47	0	2	-
	46	+2	6	-
	45	+4	9	-
	44	+5	12	-
6900W	45	+7	15	-
	50	+8	16	0
	53	+8	15	3
	51	+7	13	-
5900W	58	+6	16	-
	50	+10	24	-
	54	+14	25	7
4900W	67	+6	17	17
			8	15

N-S GRAVEL ROAD
 7625 TRAIL 2007.5

EDGE MEADOW

X DEFINITE

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 278NW OPERATOR _____

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	58	-10	-18	-
	47	-8	-10	-
2700W	46	-6	-7	-
	44	-3	-5	-
	43	-2	0	-
	43	+2	6	-
3700W	43	+4	8	-
	48	+4	5	0
	48	+4	8	-
	48	+4	10	-
4700W	48	+6	14	-
	49	+8	16	-
	50	+8	18	-
	52	+10	21	1
5700W	53	+11	17	10
	57	+6	11	5
	57	+5	12	-
	55	+7	20	-
6700W	53	+13	22	-
	56	+15	27	10
	63	+12	18	14

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUN 4 1973
 LINE 27NW OPERATOR GR

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
2900W	44	+4	8	
	50	+4	6	7
	54	+2	1	10
	54	-1	-4	7
3900W	52	-3	-6	2
	53	-3	-6	1
	50	-3	-7	1
4900W	46	-3	-7	-
	47	0	-3	-
	46	0	0	-
	46	1	1	-
6900W	46	+3	9	-
	47	+6	10	3
	52	+4	6	6
	53	+2	4	-
5900W	50	+2	7	-
	48	+5	11	-
	52	+6	13	0
	53	+7	11	6
4900W	55	+4	7	6

X POSSIBLE

X POSSIBLE

TOP DRAINAGE

EDGE MEADOW

X POSSIBLE

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	64	+2	2	12	
	62	0	-4	6	
	57	-7	-2	0	
3000SW	54	-4	-4	-	
	51	0	0	-	
	52	0	1	-	
	53	+1	2	-	
2000SW	54	+1	2	-	
	53	+2	4	-	
	52	+2	4	0	
	53	+2	4	1	
1000SW	52	+2	3	2	
	52	+1	2	0	
	58	+1	3	-	
	50	+2	5	-	
R.L.	51	+3	5	3	
	59	+2	2	10	
	64	0	-5	16	
	65	-5	-10	16	x DEFLECT
HOOPS	59	-9	-21	8	
	53	-12	-32	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	62	+6	13	7	
	61	+7			
	60	+4	11		

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	55	+3	5	3	
	55	+2	4	1	
	56	+2	4	1	
3000SW	56	+2	3	3	
	56	11	1	4	
	56	0	-1	4	
	55	-1	-3	2	
2000SW	52	-2	-3	-	
	51	-1	0	-	
	50	+1	3	-	
	49	+2	6	-	
1000SW	50	+4	10	-	
	51	+6	11	3	
	53	+5	7	5	
	54	+2	6	-	
R.L.	53	+4	8	1	
	55	+4	5	11	
	57	+1	-3	14	x PROBABLE
	58	-4	-9	6	
HOOPS	54	-5	-9	-	
	52	-4	-8	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 679NW OPERATOR _____

SOURCE STATION					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	50	-4	-6	-	
	50	-2	-4	-	
2000Hz	49	-2	-5	1	
	47	-3	-5	-	
	44	-2	-3	-	
	44	-1	0	-	
3000Hz	47	M	4	-	
	47	+3	6	-	
	37	+3	6	-	
	38	+3	8	-	
4000Hz	37	+5	10	-	
	37	+5	15	-	
	40	+10	20	-	
	44	+10	21	1	
5000Hz	41	M	17	6	
	45	+8	15	4	
	44	+7	15	1	
	45	+8	14		
6000Hz	46	+6			

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 4/87
 LINE 80NW OPERATOR G.P.

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
7000Hz	50	+6	12		K.S. 0600
	54	+6	8	12	
	58	+2	0	13	x POSSIBLE
	57	-2	-5	6	
8000Hz	54	-3	-6	0	
	51	-3	-5	-	
	50	-2	-5	-	
	50	-1	-1	-	
9000Hz	49	0	0	-	
	50	0	0	0	
	49	0	0	0	
6000Hz	48	0	1	-	
	48	+1	3	-	
	51	+2	3	1	
	51	+1	2	1	N-S GRAB LN
5000Hz	52	M	2	0	
	54	+1	2	1	
	53	+1	1	2	
	53	0	0	1	
4000Hz	53	0	0	0	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 80NW OPERATOR _____

SOURCE STATION					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	46	-5	-7	-	
	42	-4	-7	-	
2000Hz	41	-3	-5	-	
	41	-2	-3	-	
	41	-1	1	-	
	41	+2	5	-	
3000Hz	44	+3	5	-	
	46	+6	5	-	
	44	+2	6	-	
	44	+4	7	-	
	42	+5	12	-	
4000Hz	42	+7	15	-	
	43	+8	18	-	
	45	+10	20	-	
	46	+10	20	5	
5000Hz	48	M	15	10	
	47	+5	10	4	
	46	+5	11	-	
	45	+6	12		
6000Hz	46	+6			

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 4/87
 LINE 81 NW OPERATOR G.P.

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
7000Hz	51	+8	16		
	55	+8	14	6	
	57	+6	10	10	x POSSIBLE
	60	+4	4	11	
8000Hz	57	0	8-1	6	
	55	-1	-2	-	
	52	-1	0	-	
	51	+1	3	-	
9000Hz	50	+2	5	-	
	52	+3	5	0	
	53	+2	5	1	
	54	+3	4	5	
6000Hz	54	+1	0	5	
	52	-1	4	-	
	50	+2	4	-	
5000Hz	57	+3	6	0	
	55	+3	5	2	
	56	+2	4	3	
	57	+2	2	4	
4000Hz	57	0	0	2	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	51	0		
	53	0	0 0	
	53	0	0 1	
	53	0	-1 1	
3000sw	51	-1	-1 -	
	51	0	0 -	
	51	0	0 0	
	51	0	0 0	
	51	0	0 -	
2000sw	51	0	0 -	
	52	0	1 -	
	54	+1	1 3	
	53	0	-2 3	
1000sw	52	-2	-2 -	
	50	0	2 -	
	53	+2	4 0	
	54	+2	2 3	
B.L.	53	0	2 2	FS. 0600 (6/7/82)
	47	+1	-1 8	
	50	+2	-2 8	X POSSIBLE
1000sw	48	-4	-9 4	
	46	-5	-10 0	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	52	0	0 0	
	53	0	0 2	
	54	0	-2 4	
1000sw	54	-2	-4 2	
	53	-2	-4 0	
	52	-2	-4 -	
	52	-2	-2 -	
2000sw	52	0	0 -	
	52	0	0 -	
	51	0	1 -	
	52	+1	3 -	
1000sw	54	+2	5 -	
	53	+3	7 -	
	54	+4	8 -	
	57	+4	9 3	
B.L.	62	+4	5 4	52 (6/7/82)
	51	+1	4 5	FS. 0600 (6/7/82)
	51	+3	0 10	
	54	-3	-6 7	X POSSIBLE
1000sw	50	-3	-7 5	
	47	-4	-11 0	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 81 NW OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
			1	2	
	-7	47			
	-7	45	-4	0	
	-7	45	-11	-	
2000W	-4	42	-0	-	
	-4	41	-4	-	
	0	40	1	-	
	41	40	4	-	
3000W	13	40	0	-	
	45	38	13	-	
	45	38	14	4	
	46	36	9	4	
4000W	44	33	10	-	
	44	27	15	-	
	46	28	19	0	
	48	21	15	13	
5000W	35	24	6	11	
	52	22	4	0	
	50	22	6	-	
	42	24	8		
6000W	48	24			

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE JUNE 1973
 LINE 82 NW OPERATOR LR

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
			1	2	
7000W	45	210	21		
	49	211	19	8	
	52	28	13	12	x POSSIBLE
	53	25	7	10	
	50	22	3	4	
8000W	50	21	3	-	
	48	22	6	-	
	47	24	7	-	
	48	25	10	0	
9000W	48	25	9	3	
	50	24	7	3	
	50	23	6	2	
	50	23	5	2	
10000W	47	22	4	-	
	48	22	6	-	
	48	24	10	-	
	50	26	12	-	
11000W	51	26	11	5	
	53	25	7	9	
	55	22	2	11	x POSSIBLE
	55	0	-4	11	GROUND ZERO
12000W	52	-4	-9	3	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 82 NW OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
			1	2	
	52	-5			
	55	-6	-11	3	
	55	-6	-13	1	
10000W	52	-7	-10	-	
	43	-2	-5	-	
	48	-2	0	-	
	48	22	5	-	
20000W	50	23	6	-	
	51	23	6	1	
	50	23	5	1	
	50	22	5	-	
40000W	51	23	10	-	
	51	27	15	-	
	53	28	16	5	
	52	28	10	13	
50000W	58	22	3	7	
	53	21	3	-	
	51	22	4	-	
	52	22	5		
60000W	52	23			

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE JUNE 1973
 LINE 82 NW OPERATOR LR

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
			1	2	
7000W	49	211	18		ES. 0200
	49	27	12	10	
	52	25	8	7	SWAMP
	52	23	5	3	
8000W	50	22	5	-	
	48	23	8	-	
	47	25	10	-	
	48	25	10	0	
9000W	48	25	10	-	
	48	25	11	-	
	51	26	13	-	
	51	27	15	-	
10000W	51	28	14	1	
	51	26	14	-	
	52	28	15	1	
	54	27	13	10	
11000W	60	26	5	15	x SWAMP POSSIBLE
	58	-1	-2	5	"
	55	-1	0	-	
	55	21	1	0	
12000W	55	0	0	1	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	47	-5	-7	-
	52	-2	-3	-
	52	-1	-3	1
<i>200SW</i>	51	-2	-4	1
	52	-2	-4	0
	50	-2	-4	0
	50	-2	-4	0
<i>200SW</i>	50	-2	-4	-
	47	-2	-2	-
	47	0	1	-
	47	+1	2	-
<i>100SW</i>	48	+1	4	-
	48	+3	7	-
	48	+4	10	-
	50	+6	14	-
<i>2L</i>	50	+8	18	-
	55	+10	20	-
	60	+10	23	7
	67	+13	15	28
<i>100SW</i>	75	0	-5	23
	66	-5	-10	1

*20-2 200SW 200 SW 200SW
36 13 200SW 200 SW*

FL 0700

TR? X DEGRATE

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	55	0	0	-
	56	0	1	-
	55	+1	2	-
<i>200SW</i>	55	+1	4	-
	57	+3	3	4
	57	0	0	3
	56	0	0	0
<i>200SW</i>	54	0	0	-
	52	0	1	-
	53	+1	3	-
	52	+2	4	-
<i>100SW</i>	52	+2	5	-
	52	+3	7	-
	52	+4	10	-
	50	+6	14	-
<i>2L</i>	50	+8	18	-
	52	+10	21	1
	58	+11	17	11
	61	+6	10	7
<i>200SW</i>	59	+4	10	1
	61	+6	9	7

4-3 61 SW 200SW

X PROBABLE

VLF - EM SURVEY

PROJECT G.C. PAGE _____
 GRID _____ DATE July 6/83
 LINE B4 NW OPERATOR G.R.

SOURCE STATION					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	65	+3			
	62	0	3	9	X POSSIBLE
			0	7	
<u>2004W</u>	61	0			
			-4	10	X POSSIBLE
<u>20</u>	60	-4			
			-10	9	
	57	-6			
			-13	0	
	52	-7			
			-10		
<u>3004W</u>	51	-3			

VLF - EM SURVEY

PROJECT G.C. PAGE _____
 GRID _____ DATE July 6/83
 LINE B4 NW OPERATOR G.R.

SOURCE STATION					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
<u>7005W</u>	49	+6			
			12		
	51	+6			
			10	6	X POSSIBLE
	51	+4			
			6	6	
	50	+2			
			4	1	
<u>8005W</u>	47	+2			
			5	-	
	48	+3			
			7	-	
	48	+4			
			7	-	
	49	+5			
			10	-	
<u>7005W</u>	49	+5			
			10	0	
	50	+5			
			10	-	
	50	+6			
			11	-	
<u>6005W</u>	50	+8			
			14	-	
	50	+9			
			17	-	
	56	+12			
			21	-	
	61	+8			
			20	9	EDGE MEADOW
			12	18	X POSSIBLE
<u>5005W</u>	59	+4			
			2	16	
	57	-2			
			-4	4	
	56	-2			
			-2	-	
	54	0			
			0	-	EDGE MEADOW
<u>4005W</u>	43	0			
			0	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE B4 NW OPERATOR G.R.

SOURCE STATION					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	72	+2			
			2	7	
	67	0			
			0	4	
<u>2004W</u>	64	0			
			-2	3	
	61	-2			
			-3	-	
	60	-1			
			0	-	
	62	+1			
			2		
<u>1004W</u>	61	+1			

VLF - EM SURVEY

PROJECT G.C. PAGE _____
 GRID _____ DATE July 6/83
 LINE B5 NW OPERATOR G.R.

SOURCE STATION					
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
<u>9005W</u>	47	+3			
			7		ES 0700
	48	+4			
			8	-	
	50	+4			
			8	0	
	49	+4			
			8	0	
<u>8005W</u>	50	+4			
			8	-	
	49	+4			
			10	-	
	49	+6			
			14	-	
	51	+8			
			14	1	
<u>7005W</u>	50	+6			
			13	-	
	51	+7			
			16	-	
	52	+10			
			17	-	
	51	+8			
			17	2	
<u>6005W</u>	53	+9			
			15	8	
	57	+6			
			9	12	EDGE MEADOW
	53	+3			X POSSIBLE
			3	7	
	58	0			
			2	1	
<u>5005W</u>	53	+2			
			2	2	
	58	0			
			0	1	
	55	0			
			1	-	EDGE MEADOW
	55	+1			
			5	-	
<u>4005W</u>	55	+4			
			8	1	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 85NW OPERATOR _____

SOURCE STATION _____

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	74	+9			
	80	+2	11	26	X No TR DEFRAITE
			-3	22	
2700SW	74	-5	-11	7	
	63	-6	-10	-	
	59	-4	-6	-	
	58	-2	-2		
3700NE	56	0			

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 6/83
 LINE 86NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
7900SW	56	+4			
	58	+6	10		X POSSIBLE
			8	6	
	58	+2	4	2	
	55	+2	6	-	
8900SW	53	+4	8	-	
	53	+4	8	-	
	53	+4	9	-	
	53	+5	10	-	
7900SW	55	+5	11	-	
	52	+6	13	-	
	52	+7	14	-	Top DEW LIN
	51	+7	15	-	
6900SW	55	+8	16	3	
	58	+8	12	11	EDGE MEADOW
	59	+4	5	10	X POSSIBLE
	57	+1	2	2	
5900SW	56	+1	3	-	220 1450W EDGE
	54	+2	6	-	27 47 90SW MEADOW
	53	+4	7	-	
	55	+3	7	0	
4900SW	53	+4	7	2	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 86NW OPERATOR _____

SOURCE STATION _____

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	66	+10			
	71	+6	16	15	
			4	24	X DEFRAITE
2700NE	71	-2	-8	16	
	64	-6	-12	2	
	60	-6	-10	-	
	57	-4	-7		
3700NE	55	-3			FS 0500

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 6/83
 LINE 87NW OPERATOR G.B.

SOURCE STATION _____

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
9900SW	67	+4	3		FS 0700
	65	-1	-1	3	
	62	0	0	-	
	63	0	0	-	
8900SW	61	0	1	-	
	61	+1	8	-	
	64	+7	12	1	
	68	+5	7	8	X POSSIBLE
7900SW	69	+2	4	0	N-S CLAMP LN 7412SW
	67	+2	-7	-	
	67	+5	15	-	
	65	+10	20	-	EDGE MEADOW
6900SW	75	+10	16	6	N 42 W CROSS 6115SW
	73	+6	14	1	A 700 W 50m EAST
	75	+8	15	-	X POSSIBLE
	77	+7	17	4	EDGE MEADOW
5900SW	82	+10	11	18	X DEFRAITE
	82	+1	-1	14	
	75	-2	-3	-	
	71	-1	4	-	
4900SW	68	+5	13	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE July 1973
 LINE B7NW OPERATOR GR

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	87	+14	24	13	
	100	+10	13	25	* DEGRATE
<u>2000W</u>	100	+3	-1	21	
	100	-4	-8	6	
	92	-4	-7	0	
	88	-3	-9		
<u>3000W</u>	84	-5			

VLF - EM SURVEY

PROJECT G.C. PAGE _____
 GRID _____ DATE July 1973
 LINE B8NW OPERATOR GR

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
<u>7000W</u>					
	45	0	-1		
	45	-1	-1	-	
<u>8000W</u>	44	0	0	-	
	43	0	2	-	
	46	+2	5	-	
	43	+3	6	-	3000W 25m UNIT L2200 CONSOLE 2000W
<u>7000W</u>	48	+3	6	1	
	47	+3	5	4	
	45	+2	2	5	
	48	0	0	0	
<u>6000W</u>	44	0	2	-	
	46	+2	5	-	
	48	+3	9	-	EDGE MEASUREMENT
	50	+6	12	-	
<u>5000W</u>	52	+6	10	8	EDGE MEASUREMENT
	51	+4	4	11	* POSSIBLE
	51	0	-1	7	
	53	-1	-3	-	
<u>4000W</u>	50	-2	1	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE B8NW OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
<u>1000W</u>	48	+7	15	-	
	48	+8	18	-	
	51	+10	20	0	
	56	+10	18	9	
<u>2000W</u>	64	+8	11	17	
	68	+3	1	17	
	62	-2	-6	5	
	56	-4	-6		
<u>3000W</u>	54	-2			

VLF - EM SURVEY

PROJECT G.C. PAGE _____
 GRID _____ DATE July 1973
 LINE B9NW OPERATOR GR

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
<u>8000W</u>	48	+7	13		FS 0600
	48	+6	12	1	
	47	+6	12	0	
	47	+6	12	7	
<u>8000W</u>	47	+6	9	7	
	52	+3	3	12	
	51	0	-3	10	* POSSIBLE
	50	-3	-7	3	
<u>7000W</u>	45	-4	-6	-	
	42	-2	+1	-	
	42	+3	7	-	
	43	+6	12	-	
<u>6000W</u>	46	+6	11	3	MEASUREMENT
	47	+5	7	7	"
	50	+2	2	10	EDGE MEASUREMENT
	50	0	-3	7	* POSSIBLE
<u>5000W</u>	48	-3	-5	-	
	40	-2	-1	-	
	43	+1	+6	-	
	42	+5	+14	-	
<u>4000W</u>	44	+9	15	2	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE July 9/85
 LINE 89 NW OPERATOR G.R.

SOURCE STATION SCATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	50	+7	17	-
	53	+8	18	1
<u>200SW</u>	57	+10	16	12
	64	+6	6	18
	63	0	-2	12
	60	-2	-6	
<u>300SW</u>	54	-4		

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE July 11/83
 LINE 90+00 NW OPERATOR G.R.

SOURCE STATION SCATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
<u>900SW</u>	44	+8	14	
	44	+6	10	3
	42	+4	11	-
	42	+7	16	-
<u>800SW</u>	44	+9	22	-
	48	+13	19	16
	56	+6	6	19
	55	0	0	4
<u>700SW</u>	47	0	2	-
	45	+2	5	-
	45	+3	7	-
	45	+4	8	-
<u>600SW</u>	45	+4	8	0
	47	+4	8	3
	47	+4	5	9
	50	+1	-1	3
<u>500SW</u>	49	-2	-3	-
	46	-1	+2	-
	44	+3	9	-
	45	+6	11	1
<u>400SW</u>	47	+5	8	6

REMARKS: POSSIBLE, EDGE MEAD, E-W 22 km 5+80SW, EDGE MEADOW, POSSIBLE

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 90 NW OPERATOR _____

SOURCE STATION _____

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	47	+11	23	-
	50	+12	28	-
<u>200SW</u>	53	+16	30	12
	64	+14	16	30
	67	+2	0	18
	62	-2	-2	2
<u>300SW</u>	59	0	-2	3
	56	-2	-5	4
	53	-3	-6	-
	49	-3	-2	-
<u>400SW</u>	46	+1	6	-
	45	+5	8	3
	53	+3	3	8
	52	0	0	1
<u>500SW</u>	50	0	2	-
	47	+2	6	-
	47	+4	9	-
	47	+5	11	-
<u>600SW</u>	45	+6	14	-
	48	+3	16	-
	49	+8	18	-

REMARKS: DEFINITE

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID 66 DATE July 11/83
 LINE 91 NW OPERATOR G.R.

SOURCE STATION SCATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
<u>900SW</u>	40	+10	17	
	42	+7	14	4
	44	+7	13	2
	43	+6	12	-
<u>800SW</u>	44	+6	14	-
	45	+3	13	6
	48	+5	8	8
	47	+3	5	5
<u>700SW</u>	47	+2	3	0
	45	+1	5	-
	45	+4	8	-
	47	+4	8	3
<u>600SW</u>	46	+4	5	5
	48	+1	3	0
	47	+2	5	-
	45	+3	6	-
<u>500SW</u>	46	+3	6	3
	45	+3	3	0
	42	0	6	-
	43	+6	14	-
<u>400SW</u>	51	+8	11	13

REMARKS: ES 0600, E-W 46 km 7+07 SW, MEADOW, "

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	48	+3			
	48	+2	5	6	
	48	0	2	7	
<i>Transw</i>	46	-2	-2	0	
	45	0	4	-	
	44	+4	11	-	
	43	+7	15	-	
<i>2000 SW</i>	45	+8	14	4	
	51	+6	11	1	
	51	+5	13	-	
	53	+8	14	5	
<i>1000 SW</i>	58	+6	8	14	
	58	+2	0	15	x Probable
	56	-2	-7	7	
	52	-5	-9	-	
<i>RL</i>	46	-4	-4	-	
	45	0	5	-	
	42	+3	8	-	
	43	+5	12	-	
<i>1000 SW</i>	43	+7	16	-	
	44	+9	20	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	48	+10		
<i>Transw</i>	48	+9	17	F.S. 0600

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	56	+3	1	15	x Probable
	54	-2	-4	2	
	50	-2	-3	-	
<i>Transw</i>	48	-1	-1	-	
	45	0	2	-	
	45	+2	6	-	
	47	+4	8	-	
<i>2000 SW</i>	47	+4	9	-	
	50	+5	9	-	
	48	+4	10	-	
	49	+6	12	6	
<i>1000 SW</i>	55	+6	4	18	x Probable
	61	-2	-6	12	
	55	-4	-8	-	
	48	-4	-4	-	
<i>RL</i>	52	0	0	-	F.S. 0600
	48	0	1	-	
	48	+1	4	-	
	49	+3	8	-	
<i>1000 SW</i>	47	+5	12	-	
	46	+7	16	-	

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE JULY 11/87
 LINE 92NW OPERATOR G.P.

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	48	+9	17	-
	52	+8	17	-
2POOLE	54	+11	20	9
	66	+9	10	21
	64	+1	-1	16
	61	-2	-6	9
3POOLE	58	-4	70	4
	52	-6	70	-
	48	-4	-5	-
	46	-1	2	-
4POOLE	46	+3	5	0
	52	+2	2	?
	52	0	2	-
	50	+2	7	-
5POOLE	48	+5	12	-
	47	+7	15	-
	50	+8	17	-
	49	+9	21	-
6POOLE	49	+12	21	4
	49	+9	17	4
	51	+8	17	-

Ave 20/25 &
 F.S. 0600

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE JULY 11/87
 LINE 92NW OPERATOR G.P.

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
7POOLE	40	+6	11	
	42	+5	7	4
	46	+4	7	0
	44	+3	5	3
8POOLE	00	+2	4	0
	43	+2	5	-
	43	+3	7	-
	41	+4	11	-
9POOLE	42	+7	14	-
	45	+7	14	0
	47	+7	14	2
	47	+7	12	7
6POOLE	50	+5	7	8
	49	+2	4	3
	47	+2	4	-
	46	+2	6	-
5POOLE	45	+4	8	-
	44	+4	8	-
	45	+4	10	-
	43	+6	14	-
4POOLE	47	+10	16	1

55 m BETWEEN
 92 & 95

R.W. L.L.L. BRASS

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 92NW OPERATOR _____

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	50	+1	2	-
	49	+1	4	-
2POOLE	47	+3	7	-
	47	+6	15	-
	52	+9	15	7
	55	+6	8	16
3POOLE	61	+2	-1	13
	61	-3	-9	13
	58	-6	-14	7
	55	-8	-16	-
4POOLE	49	-8	-11	-
	44	-3	0	-
4POOLE	44	+3	6	-
	47	+3	6	1
	47	+8	5	0
	45	+2	6	-
5POOLE	44	+4	9	-
	45	+5	12	-
	46	+7	15	-
	47	+8	17	-
6POOLE	48	+9	20	-

STATION ROAD 1000

POSSIBLE

± 40 m STREET

Ave 20/25 &
 F.S. 0600

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE JULY 11/87
 LINE 92NW OPERATOR G.P.

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
7POOLE	40	+7	7	
	37	+6	7	4
	44	+5	9	3
	44	+4	8	1
8POOLE	43	+4	8	0
	44	+4	8	1
	42	+3	7	2
7POOLE	41	+3	6	-
	43	+6	9	-
	42	+6	12	-
	41	+9	15	-
6POOLE	45	+7	26	-
	47	+10	27	7
	50	+9	19	11
	47	+7	16	8
	47	+7	11	8
5POOLE	52	+4	8	2
	49	+4	9	-
	47	+5	11	-
	49	+6	12	-
4POOLE	50	+8	15	-

F.S. 0600

In 66 AT 8:00

X POSSIBLE

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	47	+9	2/	
2000SW	48	+12		

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	52	+6	9 12	
	53	+3	4 8	<i>x Possible</i>
	53	+1	1 3	
3000SW	50	0	1 -	
	47	+1	2 -	
	47	+1	2 -	
	48	+1	1 2	
2000SW	50	0	0 0	
	48	0	1 -	
	46	+1	5 -	
	46	+4	8 0	
1000SW	48	+4	5 7	
	54	+1	1 5	<i>x Possible</i>
	52	0	0 1	
	50	0	0 -	
R.L.	48	0	1 -	
	48	+1	3 -	
	47	+2	3 1	
	47	+1	2 1	
1000SW			-	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	47	+11	2/ -	
	47	+10	2/ -	
	47	+11	23	
2000SW	47	+12		

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	50	+9	17 1	
	53	+3	14 7	
	53	+6	10 8	<i>x Possible</i>
3000SW	56	+4	6 7	
	55	+2	3 4	
	53	+1	2 -	
	52	+1	4 -	
2000SW	50	+3	6 0	
	51	+3	4 3	
	50	+1	3 -	
	47	+2	7 -	
1000SW	57	+5	8 2	
	57	+2	5 4	
	57	+2	4 1-	
	50	+2	4 -	
R.L.	46	+2	5 -	<i>FS 0100</i>
	47	+3	8 -	
	48	+5	7 2	
	47	+4	6 4	
1000SW	47	+2	5 -	
	47	+3	8 -	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE 93 NW OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	49	+5	7	-	
	48	+4	10	-	
2000W	50	+6	14	-	
	52	+8	16	6	
	60	+8	8	21	
	63	0	-5	18	x DEGRATE
3000W	60	-5	70	4	
	53	-5	-9	-	
	50	-4	-7	-	
	47	-3	-4	-	
4000W	46	-1	-2	-	
	46	-1	-1	-	Aug 20/93 &
	46	0	2	-	FS 0600
	45	+2	6	-	
5000W	45	+4	8	-	
	45	+4	7	-	
	45	+5	10	-	
	45	+5	10	-	
6000W	45	+5	11	-	
	45	+6	13	-	
	44	+7	16	-	

VLF - EM SURVEY

PROJECT 66 PAGE _____

GRID _____ DATE JULY 11/87

LINE 94 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
9000W	39	+5	9	-	
	42	+4	8	1	
	42	+4	8	-	
	42	+4	9	-	
8000W	40	+5	12	-	
	40	+7	14	1	
	43	+7	11	5	
	44	+4	9	0	
7000W	42	+5	11	-	
	42	+6	12	-	
	40	+6	12	-	
	39	+6	14	-	
6000W	41	+8	16	-	
	42	+8	17	-	
	41	+9	25	-	
	42	+16	30	2	
5000W	48	+14	23	13	x POSSIBLE
	50	+7	17	7	
	49	+8	16	4	
	50	+8	13	8	
4000W	51	+5	8	6	x POSSIBLE

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE 94 NW OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	48	+2	6	-	
	50	+4	7	0	
2000W	51	+3	6	0	
	47	+5	7	-	
	49	+4	12	-	
	51	+8	15	7	
3000W	59	+7	5	20	x DEGRATE
	60	-2	-5	10	
	55	-3	-5	-	
	51	-2	-3	-	
4000W	48	-1	-2	-	FS 0600
	39	-1	-1	-	Aug 20/93 &
	48	0	2	-	FS 0600
	47	+2	6	-	
5000W	47	+4	7	-	
	47	+5	7	1	
	47	+4	8	0	
	47	+4	7	-	
6000W	47	+5	11	-	
	47	+6	13	-	
	46	+7	15	-	

VLF - EM SURVEY

PROJECT 66 PAGE _____

GRID _____ DATE JULY 11/87

LINE 95 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
9000W	39	+5	9	-	
	42	+4	8	1	
	42	+4	8	-	
	42	+4	9	-	
8000W	40	+5	12	-	
	40	+7	14	1	
	43	+7	11	5	
	44	+4	9	0	
7000W	42	+5	11	-	
	42	+6	12	-	
	40	+6	12	-	
	39	+6	14	-	
6000W	41	+8	16	-	
	42	+8	17	-	
	41	+9	25	-	
	42	+16	30	2	
5000W	48	+14	23	13	x POSSIBLE
	50	+7	17	7	
	49	+8	16	4	
	50	+8	13	8	
4000W	51	+5	8	6	x POSSIBLE

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	44	+7		
7000W	43	+12	21	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	51	+3	7	1
	51	+4	7	2
	52	+3	5	4
3000W	54	+2	3	3
	53	+1	2	0
	50	+1	3	-
	47	+2	6	-
2000W	48	+4	8	-
	47	+4	9	-
	48	+5	8	1
	50	+6	8	9
1000W	53	+2	2	8
	52	0	0	2
	52	0	0	-
	52	0	2	-
B.L.	48	+2	5	-
	49	+3	7	-
	49	+4	8	1
	51	+4	6	6
1000W	53	+2	2	4
	51	0	2	-

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	46	+8		
7000W	45	+10	18	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	51	+3	7	1
	51	+4	7	2
	52	+3	5	4
3000W	54	+2	3	3
	53	+1	2	0
	50	+1	3	-
	47	+2	6	-
2000W	48	+4	8	-
	49	+4	9	-
	48	+5	8	1
	50	+6	8	9
1000W	53	+2	2	8
	52	0	0	2
	52	0	0	-
	52	0	-2	3
B.L.	53	-2	-3	-
	47	-1	-1	-
	49	0	1	-
	51	+1	3	-
1000W	50	+2	3	2
	50	+1	1	2

FS 0600

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 95 NW OPERATOR _____

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	50	0	1 -	
	48	+1	2 -	
2000ft	49	+1	2 0	
	48	+1	2 -	
	47	+1	6 -	
	46	+5	13 -	
3000ft	50	+8	9 15	
	59	+1	-2 13	x Traceable
	53	-3	-4 -	
	49	-1	-1 -	
4000ft	48	0	2 -	
	47	+2	5 -	
	47	+3	6 -	
	48	+3	6 -	
5000ft	48	+3	8 -	
	49	+5	9 -	
	48	+4	9 0	
	46	+5	9 0	
6000ft	45	+4	9 -	
	47	+5	11 -	
	47	+6	12 -	

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE July 13/83
 LINE 96 NW OPERATOR GB

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
7000ft	41	0	1	
	39	+1	3 -	
	37	+2	4 -	
	37	+2	4 -	
8000ft	38	+2	6 -	
	38	+4	10 -	
	39	+6	13 1	
	42	+7	7 8	x Traceable
9000ft	42	+2	5 8	
	40	+3	7 -	
	38	+4	8 -	
	39	+4	10 -	
6000ft	37	+6	14 -	
	36	+8	17 -	
	36	+11	24 -	
	36	+13	33 -	
5000ft	38	+20	42 -	
	43	+22	40 12	
	51	+18	30 17	x Traceable
	56	+12	21 15	
4000ft	55	+9	15 9	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 96 NW OPERATOR _____

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	52	+5	3 9	
	52	0	-4 10	x Traceable
2000ft	52	-4	-7 3	
	47	-3	-7 -	
	46	-4	0 -	
	46	+4	10 -	
3000ft	49	+6	10 8	
	53	+4	2 14	x Traceable
	50	-2	-4 2	
	48	-2	0 -	
4000ft	47	+2	5 -	
	50	+3	7 -	Aug 30/83 ↓
	50	+4	2 -	Fl. 0600
	52	+4	2 0	
5000ft	50	+4	2 -	
	51	+4	7 -	
	48	+5	10 0	
	49	+5	7 0	
6000ft	48	+4	10 -	
	49	+6	14 -	
	46	+8	16 -	

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE July 13/83
 LINE 92 NW OPERATOR GB

SOURCE STATION				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
7000ft	44	-2	-4	
	45	-2	-4 0	
	48	-2	-4 -	
	38	-2	-2 -	
8000ft	38	0	2 -	
	37	+2	4 -	
	37	+2	4 -	
	40	+2	5 -	
9000ft	39	+3	7 -	
	37	+4	8 -	
	39	+4	9 -	
	38	+5	12 -	
6000ft	38	+7	14 -	
	37	+7	18 -	
	37	+12	25 -	
	37	+14	32 -	
5000ft	37	+18	40 -	
	41	+22	44 5	
	50	+20	35 17	
	55	+15	25 18	x Traceable
4000ft	56	+10	17 12	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	45	+6	13	
<i>7100SW</i>	44	+7		

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	51	+6	12	4
	50	+6	8	2
	49	+5	10	1
<i>2100SW</i>	50	+5	10	-
	49	+5	11	-
	49	+6	12	-
	49	+6	15	-
<i>2100SW</i>	50	+7	15	2
	50	+6	11	4
	51	+5	9	3
	50	+4	8	2
<i>1100SW</i>	50	+4	7	2
	48	+3	6	1
	47	+2	6	-
	49	+3	7	0
<i>R.L.</i>	55	+4	6	5
	55	+2	2	6
	54	0	0	0
	52	0	2	-
<i>1100SW</i>	51	+2	4	-
	53	+2	5	1

ES. 0600

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	46	+3	17	
<i>7100SW</i>	46	+9		

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	56	+7	13	5
	55	+6	12	4
	56	+6	9	6
<i>1100SW</i>	55	+3	6	4
	54	+3	5	0
	53	+2	6	-
	54	+4	10	-
<i>2100SW</i>	56	+6	13	1
	59	+7	9	11
	59	+2	2	9
	57	0	0	1
<i>1100SW</i>	58	0	1	-
	57	+1	3	-
	57	+2	4	-
	56	+2	7	-
<i>R.L.</i>	51	+5	10	-
	52	+5	9	3
	55	+4	7	3
	57	+3	6	1
<i>1100SW</i>	57	+3	6	1
	58	+3	5	4

x 7mils

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 99NW OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	60	+2	2	7	
	58	0	-2	7	
2000E	58	-2	-5	5	
	57	-3	-7	0	
	52	-4	-5	-	
	48	-1	1	-	
3000E	50	+2	6	-	
	51	+4	4	10	
	54	0	-4	10	x TANGIBLE
	52	-4	-6	-	
4000E	47	-2	-2	-	
	48	0	5	-	AUGUST 1
	48	+85	10	-	
	49	+5	11	-	
5000E	50	+6	12	-	
	52	+6	13	-	
	52	+7	13	3	
	52	+6	10	3	
6000E	50	+4	10	-	
	50	+6	12	-	
	48	+6	13	-	

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 12, 63
 LINE 99NW OPERATOR G.R.

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
7000E	45	-2	-3		FORM FRASER 99
	42	-1	-7	1	
	41	-2	-4	-	
	39	-2	-2	-	
8000E	40	0	0	-	
	40	0	2	-	
	40	+2	4	-	
	38	+2	4	-	
9000E	37	+2	6	-	
	37	+4	7	-	
	37	+3	8	-	
	37	+5	13	-	
6000W	37	+3	16	-	
	37	+2	16	3	
	40	+3	17	3	
	36	+5	13	-	
5000W	37	+3	20	-	
	38	+12	25	-	
	40	+13	29	-	
	43	+16	32	1	
4000W	46	+16	28	12	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 99NW OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	61	+7	11	11	x TANGIBLE
	63	+4	5	10	
2000E	60	+1	1	7	
	62	0	-2	7	
	61	-2	-6	6	
	57	-4	-8	0	
3000E	55	-4	-6	-	
	53	-2	-2	-	
	53	0	-2	3	
	55	-2	-5	1	
4000E	52	-3	-3	-	
	50	0	2	-	
	50	+2	6	-	
	49	+4	7	-	
5000E	51	+5	10	-	
	50	+5	11	-	
	52	+6	11	2	
	52	+5	7	1	
6000E	52	+4	10	-	
	53	+6	12	-	
	51	+6	14	-	

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 13, 63
 LINE 99NW OPERATOR G.R.

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
7000W	50	-6	-7		
	47	-3	-3	-	
	45	0	-2	1	
	45	-2	-4	-	
8000W	41	-2	-1	-	
	41	+1	3	-	
	43	+2	3	1	
	42	+1	2	0	
9000W	42	+1	3	-	
	42	+2	5	-	
	41	+3	6	-	
	42	+3	6	3	
6000W	42	+3	3	7	
	43	0	-1	4	
	43	-1	-1	-	
	43	0	0	-	
5000W	40	0	3	-	
	38	+3	9	-	
	37	+6	15	-	
4000W	38	+5	24	-	
			23	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	48	+7		
			15	
7700m	47	+8		FL above

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	53	+12		
			20 17	x POSSIBLE
	54	+8		
			15 8	
	54	+7		
			12 6	
3700m	52	+5		
			9 4	
	51	+9		
			8 1	
	50	+4		
			8 0	
	50	+4		
			8 1	
3700m	50	+4		
			7 2	
	50	+3		
			6 2	
	50	+3		
			5 1	
	48	+2		
			5 -	
1100m	48	+3		
			6 -	
	48	+3		
			6 -	
	50	+3		
			6 -	
	50	+3		
			7 -	
R.L.	52	+4		
			8 -	
	51	+4		
			10 -	
	51	+6		
			13 -	
	54	+7		
			15 -	
1100m	55	+8		
			17 -	
	58	+7		
			16 6	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	52	+8		
700m	52	+8		FL above
			16	

VLF - EM SURVEY

PROJECT _____ PAGE _____

GRID _____ DATE _____

LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	40	+18		
			37 -	
	44	+17		
			37 2	
	52	+18		
			25 10	
3700m	52	+17		
			27 16	x POSSIBLE
	58	+10		
			17 8	
	55	+9		
			17 4	
	61	+10		
			15 11	
2700m	60	+5		
			8 10	x POSSIBLE
	59	+3		
			5 2	
	58	+2		
			6 -	
	55	+4		
			7 1	
1100m	53	+3		
			5 1	
	53	+2		
			6 -	
	53	+4		
			8 -	
	52	+4		
			9	
R.L.	55	+5		

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 12/83
 LINE 99 N.W. OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
R.L.	53	+4	8	
	50	+4	10	
	48	+6	13	
	48	+7	13	
1100SW	52	+6	12	
	50	+6	12	
	50	+6	16	
	50	+10	22	
2100SW	57	+12	21	
	60	+7	14	x PARABLE
	58	+5	11	
	56	+6	14	
3100SW	57	+8	16	
	57	+8	14	
	61	+6	12	
	62	+6	7	
4100SW	61	+1	0	x PARABLE
	58	-1	-1	
	55	0	0	
	54	0	2	
5100SW	52	+2	6	

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JULY 12/83
 LINE 100 N.W. OPERATOR G.B.

SOURCE STATION _____

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
9100SW	54	+4	7	
	54	+3	5	
	54	+2	4	
	50	+2	1	
8100SW	47	-1	-4	
	45	-3	-3	
	43	0	+1	
	43	+1	4	
7100SW	41	+3	8	
	40	+5	11	
	50	+6	9	
	51	+3	1	x PARABLE
6100SW	48	-2	-4	
	45	-2	-5	
	42	-3	-5	
	42	-2	-4	
5100SW	40	-2	-3	
	37	-1	2	
	38	+3	11	
	37	+8	21	
4100SW	38	+13	27	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID G.G. DATE JULY 13/83
 LINE 101 N.W. OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
8100SW	49	0	0	
	47	0	0	
	50	0	-1	
	49	-1	0	
7100SW	49	+1	3	
	48	+2	3	
	47	+1	3	
	51	+3	2	
6100SW	52	0	-1	
	51	-1	-4	
	48	-3	-5	
	45	-2	-2	
5100SW	47	0	7	
	41	+3	7	
	39	+4	11	
	39	+7	17	
4100SW	40	+10	18	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 102 N.W. OPERATOR _____

SOURCE STATION _____

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	57	+3	7	
	57	+4	12	
2100SW	59	+8	17	
	59	+9	17	
	67	+3	14	
	68	+6	12	
3100SW	67	+6	12	
	65	+6	11	
	68	+5	7	
	66	+4	8	
4100SW	66	+4	7	
	57	+5	10	
	57	+5	7	
	52	+4	3	
5100SW	50	-1	-1	
	47	0	3	
	44	+3	8	
	45	+5	12	
6100SW	46	+8	15	
	47	+7	15	
	48	+8	19	

AUG 28/83
 HIGH OF
 " "
 " "

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE _____
 LINE 102 NW OPERATOR G.P.

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
900SW				
800SW	55	+16		
	54	+10	26	
	51	+7	17 11	x PROBABLE
	52	+8	15 2	
700SW	57	+7	15 6	
	55	+2	7 15	x PROBABLE
	51	-2	0 12	
	47	-1	-3 2	
			-2 -	
600SW	47	-1	-2 -	
	46	-1	-1 -	
	46	0	0 0	
	45	0	-1 2	
500SW	42	-1	-2 0	
	40	-1	-1 -	
	39	0	3 -	
	38	+3	7 -	
400SW	37	+6	15 -	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 102 OPERATOR _____

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	52	+4		
	55	+6	10 -	
			12 -	
200SW	57	+6	15 -	
	57	+9	18 1	
	62	+9	14 7	
	67	+5	9 8	x PROBABLE
300SW	70	+4	6 6	
	68	+2	3 2	
	65	+1	4 -	
	67	+3	6 -	
400SW	62	+5	7 -	
	63	+6	12 -	
	65	+6	10 7	
	66	+4	5 11	
500SW	63	+1	-1 6	
	57	-2	-1 -	
	52	+1	6 -	
	50	+5	12 -	
600SW	51	+7	16 -	
	52	+7	18 -	
	50	+9	18 -	

HIGH O.P.
AUG 23/67 P.S. 0400
HIGH O.P.

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE JULY
 LINE 101 NW OPERATOR G.P.

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
700SW	49	+7		
	52	+9	16	
	53	+11	20 1	
	64	+4	15 20	x DEFINITE
600SW	57	-4	0 25	
	50	-6	-10 8	
			-8 -	
	50	-2	-3 -	
	47	-1	-4 1	
500SW	46	-3	-4 -	
	44	-1	1 -	
	41	+2	5 -	
	42	+5	7 -	
400SW	40	+4	7 -	
	40	+5	10 -	
	41	+5	10 -	
	41	+5	11 -	
300SW	46	+6	14 -	
	42	+8	17 -	
	45	+9	18 -	
	45	+9	20 -	
200SW	45	+11	24 -	

VLF - EM SURVEY

PROJECT 66 PAGE _____
 GRID _____ DATE AUG 23/67
 LINE 101 NW OPERATOR G.P.

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
400SW	67	+2	4 -	
			7 -	
	62	+5	13 -	
	66	+8	14 6	
	72	+6	7 16	
500SW	71	+1	-2 11	
	62	-3	-4 -	
	59	-1	1 -	
	55	+2	6 -	
600SW	56	+4	11 -	
	55	+7	17 -	
	57	+10	22 -	
	52	+12	26	
700SW	58	+14		

HIGH O.P.
AUG 23/67 P.S. 0400
HIGH O.P.
HIGH O.P.
HIGH O.P.
P.S. 0400

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	41	+9	17	-	
	42	+8	16	-	
	42	+8	20	-	
3000 SW	42	+12	26	-	
	44	+14	25	4	
	45	+11	22	3	
	43	+11	28	-	
2000 SW	45	+11	24	-	
	42	+13	27	-	
	42	+14	30	-	
	43	+16	36	-	
1000 SW	44	+20	47	-	
	55	+27	48	12	
	62	+21	35	22	
	76	+14	22	24	
B.L.	77	+8	11	20	> DEFINITE
	75	+3	2	19	
	75	-1	-8	15	
	68	-7	-13	-	
1000 SW	58	-6	-7	-	
	57	-1	3	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	50	+9	20		
2000 SW	50	+11			

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	47	+13	24	1	
	45	+11	23	-	
	46	+12	27	-	
1000 SW	45	+15	31	-	
	46	+16	33	-	
	47	+17	35	-	
	55	+18	35	3	
B.L.	65	+17	32	8	
	71	+15	27	11	
	74	+12	21	16	
	75	+9	11	19	x DEFINITE
1000 SW	75	+2	2	11	Bo 6
	67	0	0	0	
	60	0	2	-	
	58	+2	7	-	
2000 SW	58	+5	7	-	
	59	+4	8	1	
	61	+4	8	-	
	58	+4	10	-	
3000 SW	62	+6	11	-	
	62	+8	11	9	
	48	+3	5	9	NILN D.P.
	47	+2	4	-	
4000 SW	50	+2			

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
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VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July
 LINE 104 NW OPERATOR GR

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
700SW	50	+6	15		15 Ball 2
	54	+9	17	0	
	56	+10	15	14	
	61	+5	5	17	x DEFINITE
600SW	57	0	-4	12	
	56	-4	-7	1	
	52	-8	-5	-	
	50	-2	-6	2	
500SW	48	-4	-7	-	
	44	-3	-4	-	
	42	-1	-1	-	
	42	0	3	-	
400SW	42	+3	7	-	
	42	+4	10	-	
	44	+6	15	-	
	43	+9	17	-	
300SW	45	+10	21	-	
	45	+11	24	-	
	46	+13	26	-	
	48	+3	25	2	
200SW	49	+12	24	-	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July
 LINE 105 NW OPERATOR GR

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
700SW	55	+6	11		
	51	+5	12	-	
	51	+7	15	-	
	54	+8	16	1	
600SW	58	+8	14	7	
	62	+6	9	14	
	64	+3	0	18	x DEFINITE
	64	-3	-7	10	
500SW	57	-6	-10	-	
	52	-4	-2	-	
	48	-4	-6	-	
	47	-2	-4	-	
400SW	45	-2	-2	-	
	44	0	3	-	
	43	+3	7	-	
	43	+6	13	-	
300SW	43	+7	15	-	
	47	+8	17	-	
	46	+11	22	-	
	47	+11	20	4	
200SW	48	+7	18	1	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE 105 NW OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
	62	+7	13	5	
	65	+6	7	8	x Possible
400SW	67	+3	5	5	High O.P.
	65	+2	4	0	
	62	+2	5	-	High O.P.
	67	+3	6	3	" Aug 26/52 F.S. O.P.++
300SW	70	+3	2	7	High O.P.
	68	-1	-3	2	
	59	-2	0	-	
	57	+2	6	-	
600SW	58	+4	8	-	
	58	+4	7	-	
	60	+5	7	-	
	57	+4	10	-	
700SW	57	+6			F.S. O.P.++

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE July
 LINE 106 NW OPERATOR GR

SOURCE STATION <u>SEATTLE</u>					
STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
700SW	51	+10	20		
	51	+10	17	3	
	51	+7	17	2	
	51	+3	17	-	
600SW	50	+9	17	-	
	54	+10	18	6	
	58	+8	13	14	
	60	+5	4	22	N-S LEAD IN
500SW	62	-1	-7	20	x DEFINITE
	55	-8	-16	4	
	48	-8	-15	-	
	46	-5	-7	-	
400SW	42	-4	-4	-	
	41	0	4	-	
	40	+4	11	-	
	41	+7	17	-	
300SW	42	+10	20	-	
	44	+8	18	1	
	44	+8	17	-	
	44	+11	22	-	
200SW	44	+11	21	1	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	50	+12		
			26 -	
	50	+14		
			28 -	
	50	+14		
			28 0	
1000W	51	+14		
			28 1	
	52	+14		
			27 2	
	55	+13		
			26 3	
	57	+13		
			24 6	
R.L.	60	+11		
			20 6	
	60	+9		
			18 1	
	62	+9		
			19 -	
	62	+10		
			22 -	
1000W	63	+12		
			24 0	
	65	+12		
			22 6	
	67	+10		
			18 10	
	67	+8		
			12 12	x PROBABLE
2000W	67	+4		
			6 7	
	67	+2		
			5 -	
	64	+3		
			7 -	
	60	+4		
			10 -	
3000W	59	+6		
			16 -	
	63	+8		
			14 5	
	67	+6		
			7 9	
4000W	67	+2		
			5	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	50	+9		
			17 -	
	50	+10		
			21 -	
	50	+11		
			24 -	
1000W	50	+13		
			28 -	
	51	+15		
			31 -	
	53	+16		
			33 2	
	57	+17		
			29 10	
R.L.	62	+12		
			23 14	
	59	+11		
			15 15	x PROBABLE
	63	+4		
			8 6	
	58	+4		
			9 -	
1000W	56	+5		
			13 -	
	59	+8		
			18 -	
	59	+10		
			18 4	
	60	+8		
			14 20	
2000W	67	+6		
			8 12	x PROBABLE
	63	+2		
			2 5	
	64	0		
			3 -	
	52	+3		
			8 -	
3000W	57	+5		
			12 -	
	60	+7		
			14 -	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	45	+10		
			21 -	
	45	+11		
			24 2	
	46	+13		
			29 -	
1000W	47	+16		
			31 -	
	48	+15		
			30 1	
	50	+15		
			30 -	
	51	+15		
			31 -	
R.L.	53	+16		
			31 8	
	63	+15		
			23 16	x PROBABLE
	62	+7		
			15 13	
	60	+8		
			20 -	
1000W	61	+12		
			21 3	
	65	+9		
			17 7	
	64	+3		
			14 8	
	65	+6		
			9 8	x PROBABLE
2000W	66	+3		
			6 4	
	63	+3		
			5 0	
	61	+2		
			6 -	
	58	+4		
			7 -	
3000W	58	+5		
			11 -	
	60	+6		
			12 -	
4000W	63	+8		
			14 -	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE Aug 29/83
 LINE 106 NW OPERATOR G.B.

SOURCE STATION

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
4400NW	56	+8	14 -	F.S. 0300
	55	+7	17 -	
	53	+9	18 0	
	53	+8	17 6	
5000NE	57	+4	12 9	
	56	+4	8 8	
	54	0	4 10	
	48	-2	-2 7	
6000NW	48	-1	-3 -	
	48	+1	0 -	
	48	+1	2 -	
	48	+1	2 -	
	45	+1	3	
7000NW	43	+2	3	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE _____
 LINE 107 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
6000SW	73	+4	11	F.S. 0600
	71	+7	17 -	
	73	+10	20 3	
	82	+10	14 14	
5000SW	84	+4	6 12	X PROBABLE
	82	+2	2 12	
	81	0	-6 15	CLAIM LN 4+45SW
	80	-6	-13 6	X PROBABLE
4000SW	70	-7	-12 -	
	62	-5	-6 -	
	58	-1	2 -	
	58	+3	7 -	
3000SW	61	+4	8 0	
	60	+4	7 2	
	59	+3	6 -	
	55	+3	9 -	
2000SW	55	+6	16 -	
	56	+10	22 -	
	55	+12	24 -	
	54	+12	28 -	
1000SW	57	+16	30 2	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE _____
 LINE 108 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
6000SW				
	65	+5	11	
	63	+6	10 5	
5000SW	66	+4	6 4	
	65	+2	6 -	
	61	+4	8 -	
	61	+4	8 2	CLAIM LN 4+12SW
4000SW	62	+4	6 10	2CR BELL 25MT. EAST
	70	+2	-2 12	X PROBABLE
	65	-4	-6 3	
	59	-2	-5 -	
3000SW	59	-3	-4 -	
	57	-1	-1 -	
	57	0	2 -	
	54	+2	5 -	
2000SW	53	+3	8 -	
	52	+5	13 -	
	53	+8	13 3	
	56	+5	10 1	
1000SW	55	+5	12 -	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID 1 DATE _____
 LINE 109 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
6000SW	59	+12	26	F.S. 0600
	60	+14	19 19	
	70	+5	7 13	CLAIM LN 5+50SW
	66	+2	6 -	
5000SW	64	+4	8 -	
	62	+4	7 1	
	64	+3	7 -	
	61	+4	14 -	
4000SW	60	+10	19 -	
	70	+9	16 10	
	74	+7	9 20	
	79	+2	-4 21	Possib TR
3000SW	77	-6	-12 3	
	68	-6	-7 -	
	64	-1	-5 1	
	64	-4	-8 5	
2000SW	62	-4	-10 2	
	59	-6	-10 -	
	53	-4	-5 -	
	50	-1	+1 -	
1000SW	52	+2	+6 -	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE Aug 29/67
 LINE 10 W 21 W OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS	
4000ft	70	+2	5	2	HIGH D.P.
	66	+1	3	-	" "
	67	+2	4	4	" "
	70	+2	-1	10	" "
5000ft	67	-3	-6	2	
	58	-3	-3	-	
	57	0	2	-	
6000ft	55	+2	5	-	
	53	+3	7	-	
	54	+6	16	-	
	54	+10	24	-	
	54	+14	22	-	
7000ft	57	+14	31	-	
	62	+17	30	-	
	64	+13	27	-	

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS	
	62	+14	26	5	x POSSIBLE
	62	+12	25	-	
	61	+13	28	-	
8.6	63	+15	30	2	
	68	+15	26	6	x POSSIBLE
	70	+11	24	-	
	69	+13	28	-	
1000ft	71	+15	31	1	
	78	+16	27	13	
	84	+11	18	16	x DEFINITE
	85	+7	11	10	
2000ft	85	+4	8	2	
	82	+4	9	-	
	78	+5	10	-	
	76	+5	11	-	
3000ft	77	+6	12	0	
	78	+6	11	1	
	75	+5	11	-	
	77	+6			
4000ft					F.S. 0600

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS	
	56	+7	16	-	
	55	+9	20	-	
	54	+11	26	-	
R.L.	56	+15	31	-	
	58	+16	30	3	
	62	+14	23	8	
	63	+14	29	-	
1000ft	65	+15	32	-	
	69	+17	33	3	
	74	+16	29	11	
	83	+13	22	14	WET x DEFINITE
2000ft	84	+9	15	11	
	82	+6	11	4	
	78	+5	11	-	
	75	+6	13	-	
3000ft	76	+7	14	0	
	77	+7	13	3	
	78	+6	11	3	
	77	+5	10		
4000ft	78	+5			F.S. 0600

VLF - EM SURVEY

PROJECT _____ PAGE _____
 GRID _____ DATE _____
 LINE _____ OPERATOR _____

SOURCE STATION					
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS	
	51	+4	11	-	
	50	+7	16	-	
	51	+9	22	-	
8.6	53	+13	26	-	
	54	+13	26	-	
	54	+13	27	-	
	53	+14	32	-	
1000ft	54	+18	38	-	
	57	+20	38	-	
	62	+18	31	16	
	68	+13	22	15	
2000ft	67	+9	16	8	
	64	+7	14	2	
	62	+7	14	-	
	60	+7	16	-	
3000ft	60	+9	18	0	
	63	+9	16	4	
	65	+7	14	1	
	63	+7	15		
4000ft	62	+8			F.S. 0600

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE June 28/83
 LINE 110 NW OPERATOR G.B.
 SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
600SW	48	+10	16	FS 0600
	47	+6	14	
	47	+8	10	
	48	+10	18	7
500SW	51	+8	11	10 POSSIBLE
	53	+3	8	
	45	+5	16	
	45	+11	23	
400SW	44	+12	28	
	44	+16	38	
	50	+20	38	13
	60	+18	25	20
300SW	46	+7	8	27
	65	11	-2	16
	63	-3	-2	6
	56	-5	-8	
200SW	55	-3	-5	4
	57	-2	-12	14
	53	-10	-17	1
	48	-9	-13	
100SW	45	-4	-5	

DRY
 100 X DEFINITE
 WET
 X PROBABLE

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE _____
 LINE 110 NW OPERATOR G.B.
 SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
	60	+5	7	0
	59	+4	8	
500SW	56	+4	11	
	54	+7	17	
	50	+12	27	
	53	+15	28	6
600SW	65	+18	21	20
	71	+8	8	20
	65	0	1	2
	59	+1	6	
700SW	57	+5	11	
	56	+6	12	61
	60	+6	10	5
	63	+4	7	
800SW	59	+3		FS 0600

X DEFINITE

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE June 28/83
 LINE 111 NW OPERATOR _____
 SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
600SW	45	+8	15	
	47	+7	13	1
	45	+6	14	
	45	+8	18	
500SW	45	+10	10	5
	47	+8	13	6
	48	+5	12	
	44	+7	14	
400SW	45	+7	16	
	44	+7	21	
	42	+12	29	
	44	+17	32	2
300SW	51	+15	27	5
	48	+12	17	
	53	+15	31	
	55	+16	28	13
200SW	62	+12	18	23
	64	+6	5	21
	63	-1	-3	16
	57	-2	-5	2
100SW	52	-3	-5	

OVERLAP
 POSSIBLE
 DRY X POSSIBLE
 X DEFINITE
 WET

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE June 28/83
 LINE 112 NW OPERATOR G.B.
 SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
600SW	49	+9	15	
	49	+6	13	0
	45	+7	15	
	46	+8	18	
500SW	47	+10	17	1
	48	+9	17	3
	50	+8	16	
	48	+8	17	
400SW	51	+11	18	5
	48	+8	16	
	46	+9	24	
	47	+15	25	5
300SW	51	+10	17	2
	46	+9	23	
	43	+14	33	
	43	+19	29	
200SW	54	+20	35	13
	60	+15	26	14
	59	+11	21	9
	57	+10	17	8
100SW	57	+7	13	5

X POSSIBLE
 DRY X POSSIBLE
 X DEFINITE

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JUNE 26/83
 LINE 116 NW OPERATOR G.B.
 SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
6400SW	57	+6			
			15		
	61	+9	18	-	
	61	+9	18	1	
5700SW	62	+9	17	0	
	64	+8	18	-	
	68	+10	19	-	CL LN 4+705W
	69	+9	19	-	
4400SW	78	+10	22	-	
	78	+12	22	8	
	85	+10	14	16	X DEFINITE
	86	+4	6	9	
3700SW	82	+2	5	-	
	73	+3	9	-	
	75	+6	14	-	
	76	+8	18	-	
2700SW	78	+10	21	-	
	82	+11	21	4	
	85	+10	17	9	X POSSIBLE
	87	+7	12	3	
1700SW	79	+5	14	-	FS 0845
	75	+9	22	-	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JUNE 26/83
 LINE 118 NW OPERATOR G.B.
 SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
4400SW	60	+8			FS 0845 CLAIM LN 4405 SW
			18		
	62	+10	22	-	
	65	+12	20	6	
3700SW	67	+8	16	6	MARSH X POSSIBLE
	64	+8	14	4	
	70	+6	12	0	
	65	+6	14	-	
2700SW	63	+8	20	-	
	62	+12	23	4	
	74	+11	16	12	X WET PROBABLE
	70	+5	11	0	
1700SW	70	+6	16	-	
	68	+10	21	-	
	71	+11	23	-	
	65	+12	24	8	
B.L.	87	+12	15	22	X DEFINITE
	90	+3	+2	13	POSS TR
	82	-1	2	-	
	74	+3	12	-	
700SW	70	+9	19	2	
	78	+10	17	11	

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JUNE 26/83
 LINE 117 NW OPERATOR G.B.
 SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
7700SW	76	+12			
			26	-	
	77	+14	30	-	
	80	+16	31	3	
7700SW	86	+15	27	13	
	94	+12	18	17	X DEFINITE
	98	+6	8	12	
	87	+4	6		
8700SW	92	+2			
	87	+4			

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE JUNE 26/83
 LINE 118 NW OPERATOR G.B.
 SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
4400SW	62	+6	15		DRY RIDGE
			21	-	FS 0845
	63	+12	22	4	
	69	+10	17	4	X POSSIBLE
3700SW	66	+7	18	-	
	64	+11	21	2	
	69	+10	16	13	NORMAL ZONA (Pos Tr)
	74	+6	8	12	X PROBABLE
2700SW	72	+2	4	0	
	62	+2	8	-	
	60	+6	17	-	
	57	+11	29	-	
1700SW	59	+18	36	-	
	76	+18	30	18	
	84	+12	18	25	X DEFINITE
	88	+6	5	18	NORMAL (POSSIBLE TR)
B.L.	83	-1	0	-	
	67	+1	8	-	
	68	+7	16	-	
	72	+9	17	7	
1700SW	79	+8	9	21	X DEFINITE

VLF - EM SURVEY

PROJECT G.6. PAGE _____
 GRID _____ DATE JUNE 26/87
 LINE 119 NW OPERATOR G.R.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
4400SW	59	+5		FS. 0845
	58	+5	10	
	59	+7	14	
	60	+12	21	
3700SW	64	+7	19	X PROBABLE POSSIBLE X LEADER SWAMPY DEBR
	58	+6	13	
	62	+11	17	
	61	+12	23	
2700SW	68	+15	27	X PROBABLE X WOOD BUSH X WOOD PINE
	70	+8	23	
	70	+6	14	
	63	+3	9	
1700SW	57	+10	13	X DEFINITE
	64	+15	25	
	74	+13	28	
	78	+8	21	
R.L.	82	+4	12	
	78	+1	5	
	70	+1	2	
	70	+6	7	
1700NE	8	+3	9	X DEFINITE
			4	

VLF - EM SURVEY

PROJECT G.6. PAGE _____
 GRID _____ DATE JUNE 26/87
 LINE 120 NW OPERATOR G.B.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
4400SW	63	+2		FS. 0845
	60	+2	4	
	57	+3	5	
	57	+8	11	
3700SW	64	+8	16	DEBRIN X PROBABLE X LINEAR SWAMPY DRAW L TO LN
	63	+1	9	
	59	+4	5	
	57	+6	10	
2700SW	57	+8	14	L.L. 1785SW G.6.5 4W 2N 10m S
	57	+11	19	
	61	+12	23	
	67	+12	24	
1700SW	68	+6	18	X PROBABLE
	63	+4	10	
	62	+3	7	
	63	+5	8	
B.L.	60	+7	12	FS. 0845 JUNE 26 0600 JUNE 27
	75	+9	16	
	82	+8	17	
	86	+7	15	
1700NE	90	+4	11	X PROBABLE
			10	
			5	
			8	

VLF - EM SURVEY

PROJECT G.6. PAGE _____
 GRID _____ DATE JUNE 28/87
 LINE 120 NW OPERATOR G.R.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
7700NE	77	+6	11	FS. 0600
	76	+5	4	
	72	+8	13	
7700NE	70	+9	17	
	73	+11	20	
	73	+11	22	
	73	+11	21	
6700NE	73	+10		FS. 0600

VLF - EM SURVEY

PROJECT G.6. PAGE _____
 GRID _____ DATE JUNE 25/87
 LINE 122 NW OPERATOR G.B.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT OF PHASE	IN PHASE	FRASER FILTER	REMARKS
B.L.	62	+5	11	FS. 0700
	62	+6	13	
	60	+7	17	
1700NE	64	+10	18	
	68	+8	15	
	72	+7	9	
	71	+2	2	
2700NE	68	0	9	X PROBABLE
	64	0	0	
	62	+2	0	
	60	+1	3	
3700NE	56	+1	2	E.W. 2L 2+55UE
	68	+3	4	
	59	+5	8	
	56	+6	11	
4700NE	56	+9	15	FS. 0700
			1	
			10	

VLF - EM SURVEY

PROJECT 6.6. PAGE _____
 GRID _____ DATE JUNE 25/83
 LINE 124 NW OPERATOR G.R.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
R.L.	76	16	13		F.S. 0500
	75	+7	14	2	C.L. B.L. 124+07 NW
	76	+7	11	6	
	76	+4	8	0	
1100LINE	67	+4	11	-	
	67	+7	14	0	
	70	+7	11	4	
	67	+4	10	-	
2100LINE	62	+6	12	4	
	68	16	6	16	X PROBABLE
	65	0	-4	13	
	60	-4	-7	-	
3100LINE	50	-3	-2	-	
	48	+1	5	-	
	47	+4	9	-	
	45	+5	14		
4100LINE	44	+9			F.S. 0500

VLF - EM SURVEY

PROJECT 6.6. PAGE _____
 GRID _____ DATE JUNE 25
 LINE 125 NW OPERATOR G.R.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
R.L.	57	+1	5		F.S. 0600
	56	+2	6	-	
	56	+4	9	-	
	57	+5	11	1	
1100LINE	60	+6	8	9	X POSSIBLE
	64	+2	2	7	
	62	0	2	-	
	60	+2	6	-	
2100LINE	67	+4	5	5	X POSSIBLE
	66	+1	1	5	
	63	0	0	3	
	65	0	-2	5	
3100LINE	65	-2	-5	5	X POSSIBLE
	65	-3	-7	1	
	60	-4	-6	-	
	58	-2	-2	-	
4100LINE	55	0	2	-	
	53	+2	8	-	
	54	+6	17	-	
	53	+11	29	-	
5100LINE	55	+13	29	-	

VLF - EM SURVEY

PROJECT 6.6. PAGE _____
 GRID _____ DATE JUNE 25/83
 LINE 125 NW OPERATOR G.R.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
	58	+12	20	14	F.S. 0600
	60	+8	15	5	X POSSIBLE
1100LINE	61	+7	15	-	
	59	+8	16	-	
	58	+8	17	-	
	58	+9	18	0	
1200LINE	60	+9	17	2	
	62	+8	16	2	
	63	+8	15	1	
	64	+7	15	3	
1300LINE	68	+8	12	11	X PROBABLE
	72	+4	4	11	
	70	0	1	1	
	67	+1	3	-	
1400LINE	64	+2	4	0	F.S. 0800
	64	+2	3		F.S. 0600 64
	78	+1			F.S. 0800
1500LINE					

VLF - EM SURVEY

PROJECT 6.6. PAGE _____
 GRID _____ DATE JUNE 24/83
 LINE 126 NW OPERATOR G.R.

SOURCE STATION SEATTLE

STATION	OUT OF PHASE	IN PHASE	FRASER FILTER		REMARKS
2100SW	61	0	2		
	61	+2	5	-	
	62	+3	6	-	
	63	+3	7	-	Post 100 m to West E-W Line in 2+305u
2200SW	65	+4	8	-	
	63	+4	8	0	
	68	+4	8	0	
	66	+4	8	6	
1100SW	72	+4	2	13	X POSSIBLE
	70	-2	-5	7	
	65	-3	-5	-	
	62	-2	-1	-	
R.L.	58	+1	4	-	
	59	+3	9	-	
	60	+6	11	-	
	67	+5	11	-	
1100LINE	66	+6	14	-	
	67	+8	17	-	
	67	+11	29	-	
	77	+13	20	15	
2100LINE	83	+7	9	18	

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 25/82
 LINE 130 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
	60	+5	10 -	
	60	+5	11 0	
<u>Brook</u>	63	+6	10 2	
	64	+4	9 -	
	64	+5	11 -	
	65	+6	12 -	
<u>900SW</u>	63	+6	12 -	
	65	+6	13 0	
	67	+7	12 8	
	68	+5	5 12	X POSSIBLE
<u>1000SW</u>	71	0	0 3	
	67	0	2 -	
	65	+2	5 -	
	65	+3	6 -	
<u>1100SW</u>	63	+3	7 -	
	63	+4	10 -	
	65	+6	11 -	
	64	+5	11 2	
<u>1200SW</u>	66	+6	7 7	
	68	+3	4 7	X POSSIBLE
	63	+1	2 0	

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 20/82
 LINE 131 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
<u>300SW</u>	73	0	-1	
	70	-1	-2 0	
	67	-1	-1 -	BL 15 - 600m 25m SE
	68	0	1 -	TRAIL 2+40 SW
<u>200SW</u>	68	+1	0 3	
	74	-1	-4 21	
	76	-3	-21 20	X DEFINITE
	75	-12	-24 -	
<u>1100SW</u>	62	-12	-20 -	
	56	-8	-13 -	
	54	-4	-4 -	
	55	0	0 -	
<u>B.L.</u>	60	0	0 -	LM FL 15 18m SE 0 2+50W 28m NE B.L.
	57	0	3 -	
	53	+2	8 -	
	55	+6	16 -	
<u>1100E</u>	58	+10	19 -	
	58	+9	19 1	
	64	+10	18 8	
	69	+8	11 11	FL L 1100S 200m 2m S
<u>200SW</u>	72	+3	2 15	X POSSIBLE

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 24/82
 LINE 132 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
<u>Ironite</u>	71	-3	-5 -	
	70	-2	-3 -	
	68	-1	-2 -	
	68	-1	-1 -	
<u>200SW</u>	66	0	1 -	TRAIL 1+95 SW
	69	+1	2 -	
	70	+1	2 2	L0 = 25m to next
	71	+1	0 8	
<u>1100SW</u>	73	-1	-6 15	
	73	-5	-15 12	X POSSIBLE
	67	-10	-18 2	
	57	-8	-7 -	
<u>B.L.</u>	60	-5	-6 -	350W AT 0700HRS L0 18m S
	57	-1	7 -	
	58	0	0 -	
	55	0	4 -	
<u>1100SW</u>	55	+4	8 -	
	56	+8	20 -	
	59	+12	24 -	200m L0 14574E 1790
	68	+12	24 2	CROSS L0 2000E
<u>200SW</u>	70	+12	22 8	

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 24/82
 LINE 132 NW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
<u>300SW</u>	64	-1	-1	
	63	0	1 -	
	64	+1	1 -	
	63	0	2 -	
<u>200SW</u>	63	+2	5 -	TRAIL
	65	+3	5 2	
	68	+2	3 4	SURVEY ?
	66	+1	1 0	
<u>1100SW</u>	62	0	3 -	
	64	+3	5 4	
	68	+2	-1 16	
	68	-3	-11	X POSSIBLE
<u>B.L.</u>	63	-8		

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 24/83
 LINE 127 OPERATOR G.P.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
2700SW	71	-6	-9	
			-12	0
	68	-6	-9	-
	67	-3	-5	-
	67	-2	-2	-
2700NW	65	+4	7	-
	67	+5	7	1
	69	+4	8	2
	70	+4	7	1
1700SW	72	+3	7	4
	75	+4	3	12
	75	-1	-5	9
	70	-4	-6	-
P.L.	68	-2	-2	-
	67	0	2	-
	60	+2	6	-
	58	+4	10	-
1700NE	59	+6	16	-
	59	+10	27	-
	62	+17	24	-
	80	+17	26	23
2700NE	86	+9	11	26

X POSSIBLE

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 24
 LINE 129 NW OPERATOR G.P.

SOURCE STATION				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
2700SW	75	0	2	
			-6	19
	77	-6	-17	15
	62	-11	-21	-
	59	-10	-16	-
2700NW	55	-6	-7	-
	55	-1	11	-
	55	+2	8	-
	57	+6	14	-
1700SW	64	+8	12	11
	70	+4	3	19
	68	-1	-3	2
	68	-2	-5	2
P.L.	66	-3	-5	-
	60	-2	-2	-
	58	0	2	-
	58	+2	5	-
1700NE	55	+3	7	-
	55	+6	19	-
	55	+13	20	4
	67	+7	15	2
2700NE	68	+8	18	-

- DAY

X DEFINITE

X PROBABLE

X POSSIBLE

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 24/83
 LINE 129 NW OPERATOR G.P.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
2700SW	67	+3	9	
			7	13
	80	+1	-4	25
	82	-5	-18	16
2700NW	71	-13	-20	-
	58	-7	-11	-
	57	-4	-3	-
	55	-1	2	-
1700SW	57	+3	7	-
	69	+4	1	11
	66	-3	-4	1
	62	-1	0	-
P.L.	60	+1	4	-
	62	+3	6	0
	63	+3	4	3
	61	+1	3	-
1700NE	60	+2	7	-
	65	+5	5	7
	68	0	-2	4
	60	-2	1	-
2700NE	62	+3	7	-

ORSS

X DEFINITE

X PROBABLE

X POSSIBLE

VLF - EM SURVEY

PROJECT G.G. PAGE _____
 GRID _____ DATE JUNE 25/83
 LINE 129 NW OPERATOR G.P.

SOURCE STATION <u>SEATTLE</u>				
STATION	OUT PHASE	IN PHASE	FRASER FILTER	REMARKS
2700SW	68	-4	-7	
			-4	-
	63	-1	4	-
	69	+5	7	5
2700NW	76	+2	-1	24
	80	-3	-17	25
	73	-14	-26	-
	58	-12	-16	-
1700SW	53	-4	-1	-
	54	+3	6	-
	65	+3	1	10
	66	-2	-4	1
P.L.	58	-2	-2	-
	57	0	3	-
	58	+3	10	-
	60	+7	14	-
1700NE	66	+7	13	6
	67	+6	8	13
	71	+2	0	12
	68	-2	-3	1
2700NE	65	-1	-1	-

FI. ORSS

X DEFINITE

X POSSIBLE

X PROBABLE

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE June 24/87
 LINE 184 OPERATOR G.R.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
3700SW	60	-4	-6		
	57	-2	-3	-	
	57	-1	-1	-	
	57	0	3	-	
2700SW	57	+3	9	-	
	57	+6	13	-	
	60	+6	11	4	TRNL 1452 SW
	65	+5	8	8	
1700SW	65	+3	+5	9	SURFACE?
	65	0	-1	5	
	63	-1	-2	0	
BL	61	-1	-1		
	65	0			

VLF - EM SURVEY

PROJECT 6.6 PAGE _____
 GRID _____ DATE June 26/87
 LINE 175 SW OPERATOR G.B.

SOURCE STATION SEATTLE

STATION	OUT PHASE	IN PHASE	FRASER FILTER		REMARKS
3700SW	70	-4	-7		FS 0845
	65	-3	-4	-	CLIMB IN 219330
	63	-1	-2	-	
	62	-1	-2	0	
2700SW	61	-1	-2	-	
	60	-1	-1	-	
	60	0	3	-	
	61	+2	6	-	
1700SW	62	+4	8	0	
	62	+4	6	6	
	66	+2	2	8	RIDGE CROSS Top
	65	0	-2	3	
BL	66	-2	-5	2	
	61	-2	-4	-	
	57	-1	-4	5	
	63	-3	-9		
1700 NW	62	-6			

APPENDIX IV

Statement of Expenditures

STATEMENT OF EXPENDITURES

A. LABOUR:

G. Belik, M. Sc., (May 31 - June 3; June 20 - July 27) 36.5 days @ \$250.00/day	\$9,125.00	
D. Arens, Assistant, (June 20 - July 17) 27.5 days @ \$150.00/day	<u>4,125.00</u>	\$13,250.00

B. CONTRACT SERVICES:

L & S Timber (May 31 - July 15) re completion of: -transit-run, cut base line -grid -soil sampling -survey of claim posts		23,562.00
--	--	-----------

C. SUPPORT AIRCRAFT:

-helicopter transportation	\$6,174.48	
-Fixed-wing aircraft	<u>7,621.96</u>	13,796.44

D. TRUCK RENTAL:

1,200.00

E. FOOD AND ACCOMODATION:

-G. Belik @ Associates	\$805.17	
-L & S Timber (incl. in Contract Fee)	<u>---</u>	805.17

E. GEOCHEMICAL ANALYSES:

7,090.90

F. EQUIPMENT RENTAL:

-Proton Magnetometer	\$750.00	
-VLF - EM Unit	<u>270.00</u>	1,020.00
		<u>\$60,724.51</u>

APPENDIX V

Statement of Qualifications: G. D. Belik, M. Sc.

GARY D. BELIK, M.Sc.

Consulting Geologist
Mineral Exploration

#6 NICOLA PLACE, 310 NICOLA STREET • KAMLOOPS, B.C. V2C 2P5 • PHONE (604) 374-4247

CERTIFICATE

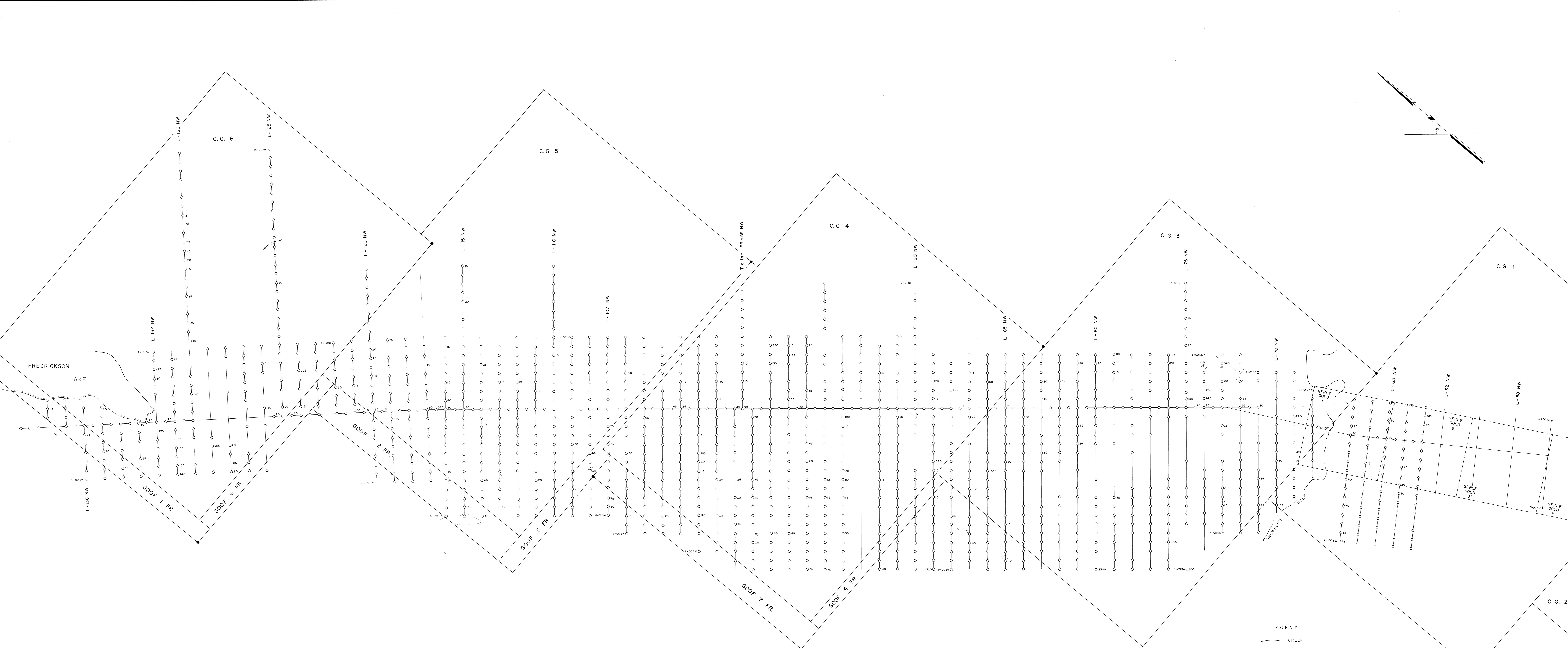
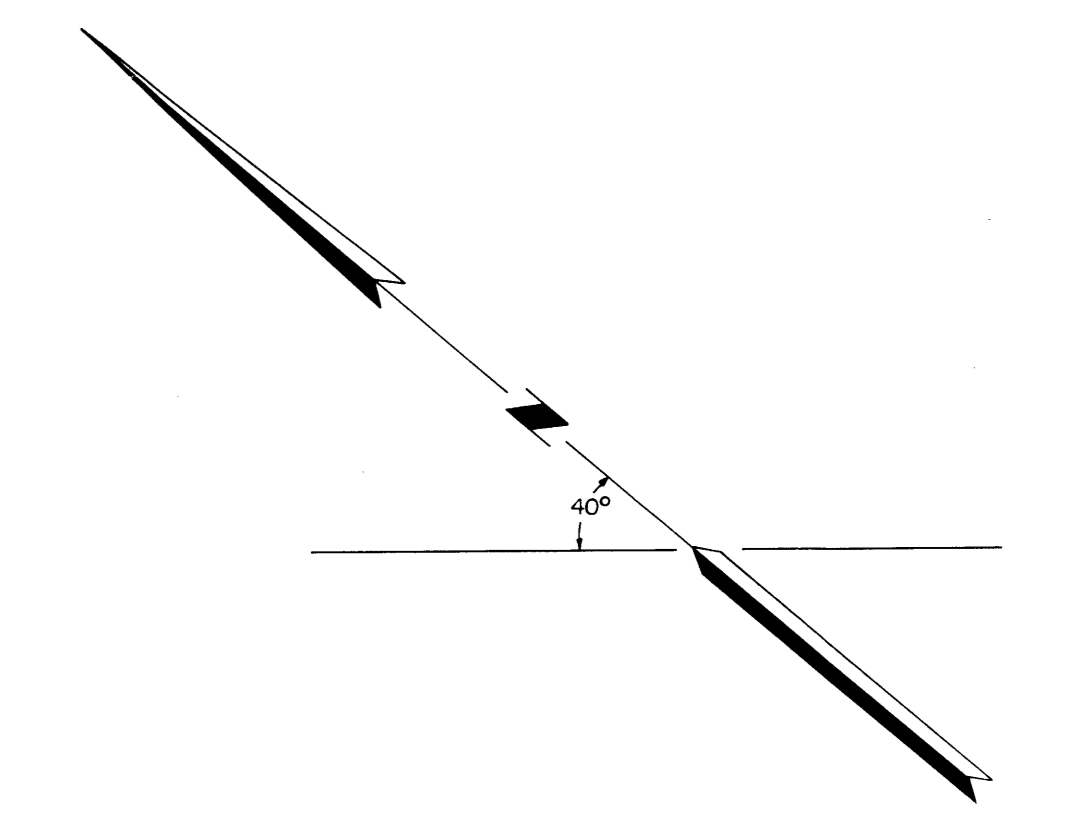
I, GARY D. BELIK, OF THE CITY OF KAMLOOPS, BRITISH COLUMBIA, DO HEREBY CERTIFY THAT:

- (1). I am a member of the Canadian Institute of Mining and Metallurgy, and a fellow of the Geological Association of Canada.
- (2). I am employed by G. Belik and Associates Ltd., with my office at 664 Sunvalley Drive, Kamloops, B. C.
- (3). I am a graduate of the University of British Columbia with a B.Sc. in Honors Geology and a M. Sc. in Geology.
- (4). I have practised continuously as a geologist since May, 1970.
- (5). I have gained considerable geophysical experience over the past 12 years including extensive use of VLF-EM and ground Magnetic systems.
- (6). Permission is hereby granted to Gerle Gold Ltd. to use this report for financing purposes and to satisfy requirements of the B. C. Ministry of Mines.

KAMLOOPS, B. C.

September 9, 1983


Gary D. Belik, M. Sc., GEOLOGIST
G. BELIK AND ASSOCIATES LTD.
Consulting Geologist



- LEGEND**
- CREEK
 - LAKE
 - GRID LINE WITH SOIL SAMPLE LOCATIONS
 - OUTCROP

- 100+ ppb Au
- 45 to 99 ppb Au
- 20 to 44 ppb Au
- 5 to 19 ppb Au

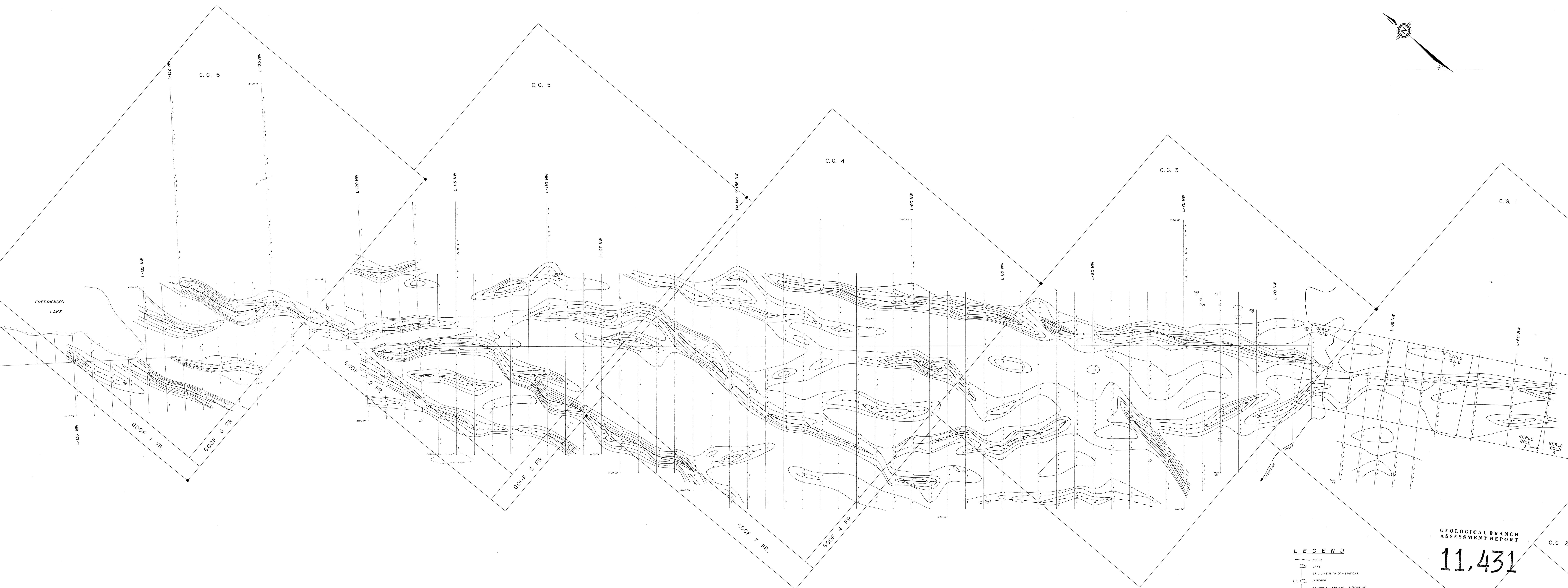
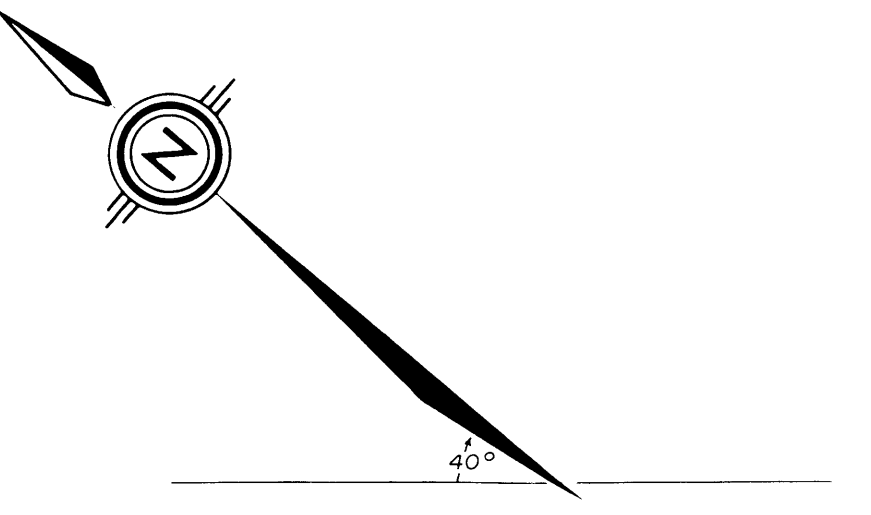
GEOLOGICAL BRANCH ASSESSMENT REPORT

11,431

TO ACCOMPANY A REPORT BY G. BELIK, M.Sc.
GERLE GOLD LTD.

GEOCHEMICAL SOIL SURVEY
FREDRICKSON LAKE
PROPERTY
DOMINECA MINING DIVISION, BRITISH COLUMBIA

TECHNICAL: G. BELIK AND ASSOCIATES LTD. SCALE: 1:5,000
DRAWN BY: DATE: JULY 1993
APPROVED BY: PIN NO. 1001-2



- LEGEND**
- CREEK
 - LAKE
 - GRID LINE WITH 50M STATIONS
 - OUTCROP
 - FRASER FILTERED VALUE (POSITIVE)
 - CONTOUR IN 20' INTERVALS
 - CONDUCTOR - DEFINITE, PROBABLE, POSSIBLE

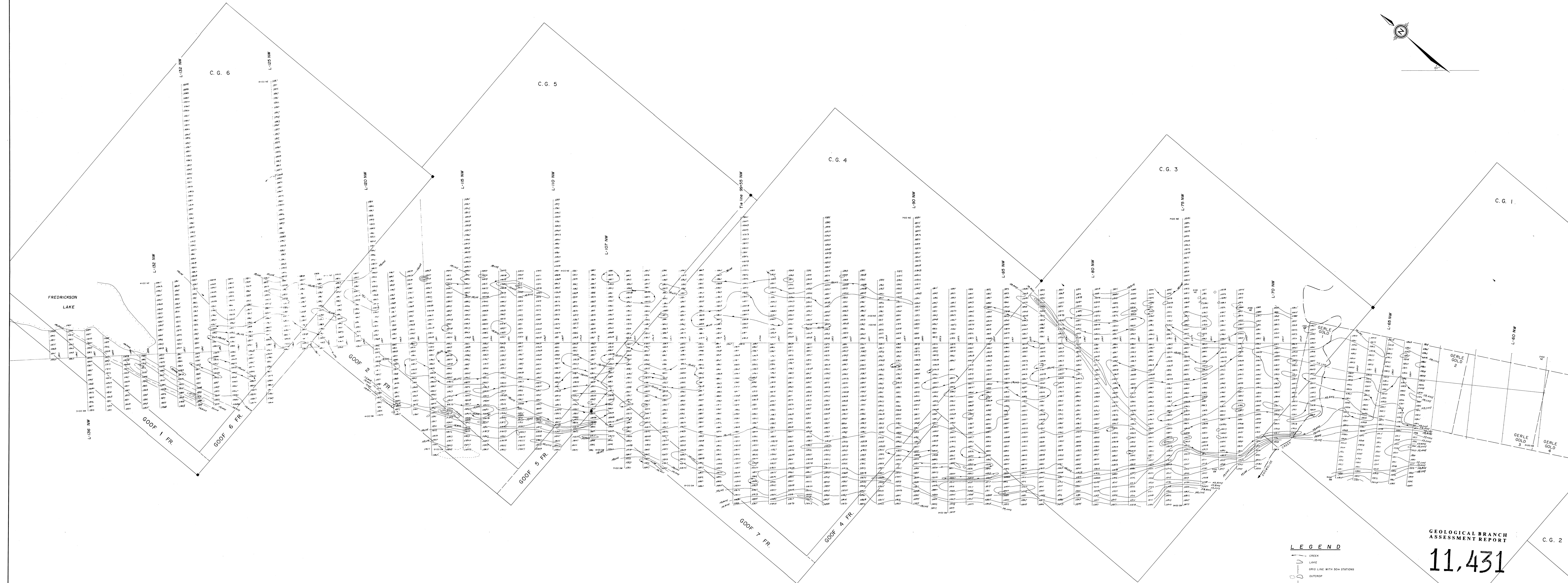
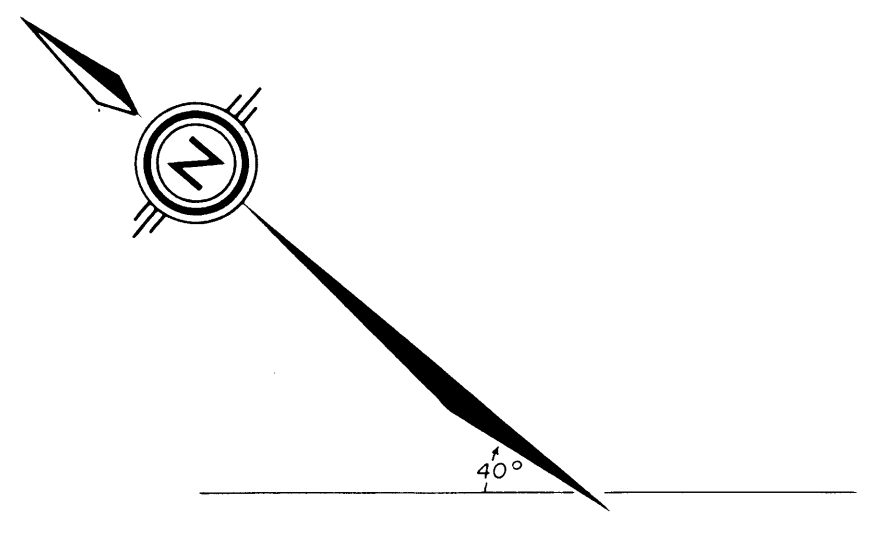
GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,431

GERLE GOLD LTD.
VLF-E M SURVEY
E.M. UNIT: SABRE ELECTRONICS MODEL 27
TRANSMITTER: SEATTLE, WASHINGTON
**FREDRICKSON LAKE
PROPERTY**
OMINECA MINING DIVISION, BRITISH COLUMBIA

TECH WORK BY: W. S. GIBSON ASSOCIATES LTD.
DRAWN BY: W. S. GIBSON
APPROVED BY: S. DELK, M.S.G.

SCALE: 1:5000
DATE: JULY, 1983
FIG. NO. 100-4



- LEGEND**
- CREEK
 - LAKE
 - GRID LINE WITH 50M STATIONS
 - OUTCROP
 - MAGNETIC READING x 10 REPRESENTS TOTAL FIELD INTENSITY IN GAMMAS
 - MAGNETIC CONTOUR INTERVAL +200 GAMMAS
 - MAGNETIC LOW

11,431

GEOLOGICAL BRANCH
ASSESSMENT REPORT

GERLE GOLD LTD.

MAGNETIC PLAN

FREDRICKSON LAKE
PROPERTY

OMINECA MINING DIVISION, BRITISH COLUMBIA

TECH WORK BY: [Name] SCALE: 1:5000
DRAWN BY: W.S. [Name] DATE: 05/11/88
APPROVED BY: S. BELLA, M.Sc. FIG. NO. 1001-5