

87-556 - 16223

PART 1 OF 2

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

ON THE

HAIDA GOLD PROPERTY

KAMLOOPS MINING DIVISION, B.C.

NTS 92 P / 9W
Latitude 51° 31' N
Longitude 120° 24' W
30"

FILMED

for

VITAL PACIFIC RESOURCES LTD.
230 Sheppard Avenue East
Willowdale, Ontario
M2N 3A9
(Operator)

and

ELECTRUM RESOURCES LTD., S. ZASTAVNIKOVICH
(Owner)s

by

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August 25th, 1987

16,223

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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SUMMARY

The Haida Gold property, consisting of 168 units in 14 claims, is located in the upland plateau, 100 kilometers north of Kamloops in south-central British Columbia. The property is underlain by volcanic and sedimentary rocks of the early Jurassic age Nicola Group, locally intruded by middle Jurassic hornblende granodiorite and pyroxene diorite/gabbro. The Lakeview North zone, a gold-bearing skarn, was initially discovered in 1933. The zone assays up to 14.1 g/t (0.412 oz/t) gold across a width of 3.9 meters. Sampling of old trenches suggests the zone may have a strike extent of up to 400 meters in a northwesterly direction. Soil sampling undertaken in 1980 revealed the presence of seven linear gold anomalies, four of which are in excess of 1 kilometer in length. Soil gold anomalies extending southeasterly from the Lakeview North zone suggest it may have a length in excess of 2.5 km, coincident with rare outcrop of siliceous skarn. In 1986, Vital Pacific Resources Ltd. undertook a comprehensive geological, soil geochemical, IP geophysical and bulldozer trenching program in the Heidi Lake grid area - 2.5 kilometers southwest of the Lakeview North zone. This program further explored two linear soil gold anomalies discovered by the 1980 survey. The northern soil anomaly (Zone 1) is coincident along its 1.5 kilometers length with a band of grey limestone, pyroxene-garnet skarn and highly siliceous calc-silicate rock containing up to 5% pyrrhotite but only background gold values. A narrow pyritic structure in trench 87-4 returned an assay of 1.01 g/t (0.029 oz/t) gold across 1 meter. The southern part of the south anomaly (Zone 2) coincides with thick glacial till cover. The northern part of Zone 2 coincides with highly siliceous calc-silicate shallow outcrop carrying background gold values. A broad zone of high chargeability and low resistivity trending northwest through the grid area is related to the presence of up to 5% disseminated pyrite in siltstones and to a thin graphitic argillite layer in the sub-horizontal stratigraphic package. A linear zone of very high chargeability and moderate resistivity is coincident with the north part of the Zone 2 gold soil anomaly. The I.P. anomaly is however at significant depth (150 m?) and may be caused by a semi-massive sulphide occurrence in a hydrothermal feeder structure, possibly responsible for peripheral silicification, pyritization and weak gold mineralization exposed at surface. A drill program to test this I.P. anomaly and the Lakeview North zone is recommended.

INTRODUCTION

Location, Access, Topography

The Haida Gold property is located 16 kilometers northwest of Little Fort in south-central British Columbia (Figure 1). The property is centered on latitude 51° 31'N and longitude 120° 24'W within NTS map area 92P / 9W. Provincial Highway 24, which connects Little Fort with 100 Mile House, passes east-west along the southern boundary of the property. Access from Highway 24 northwards across the property to Deer Lake is provided by the Taweel Forestry road. A network of old logging roads provides reasonably good access to most areas of the property.

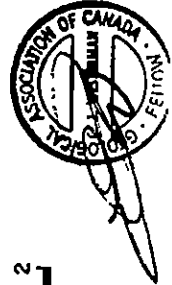
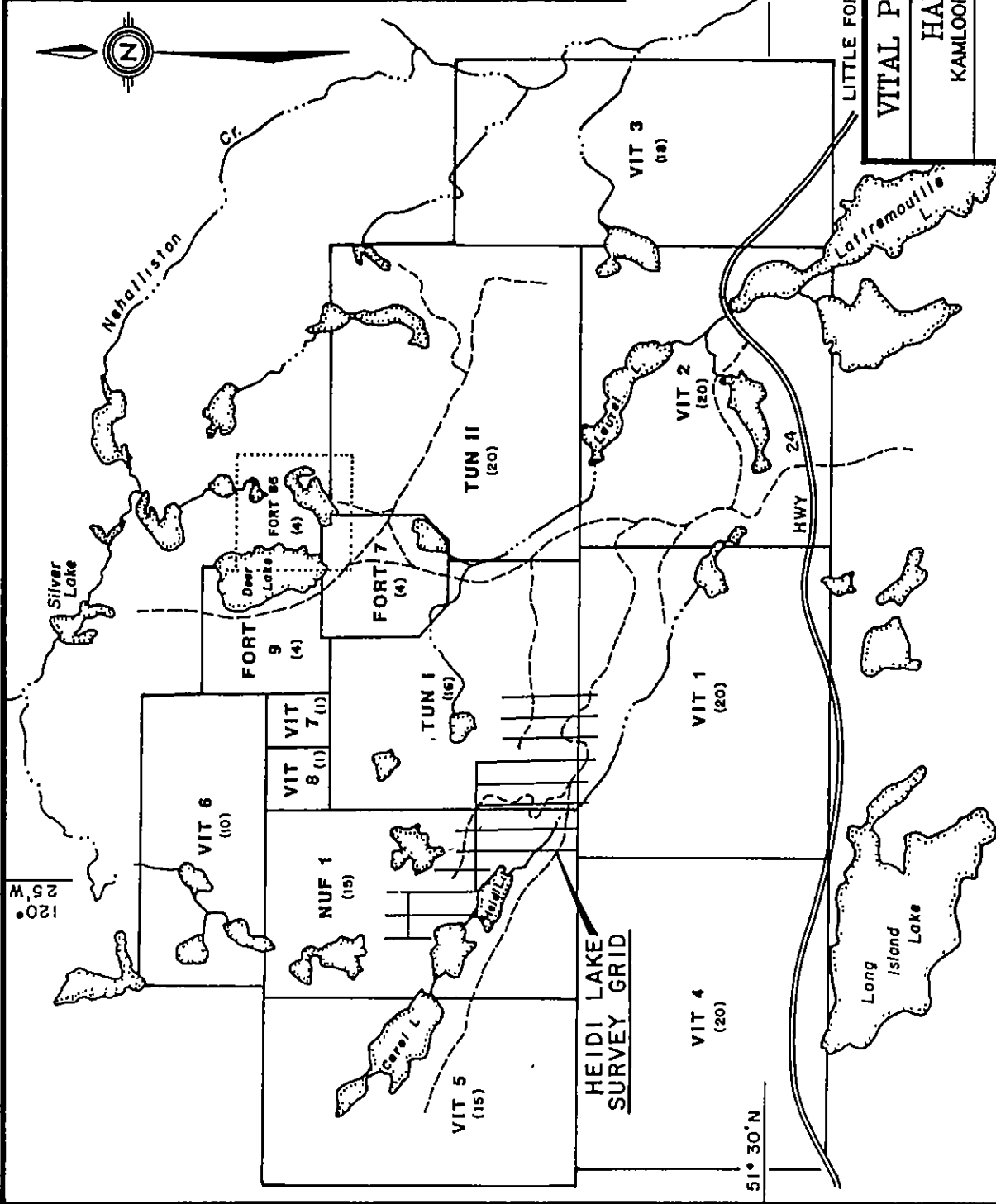
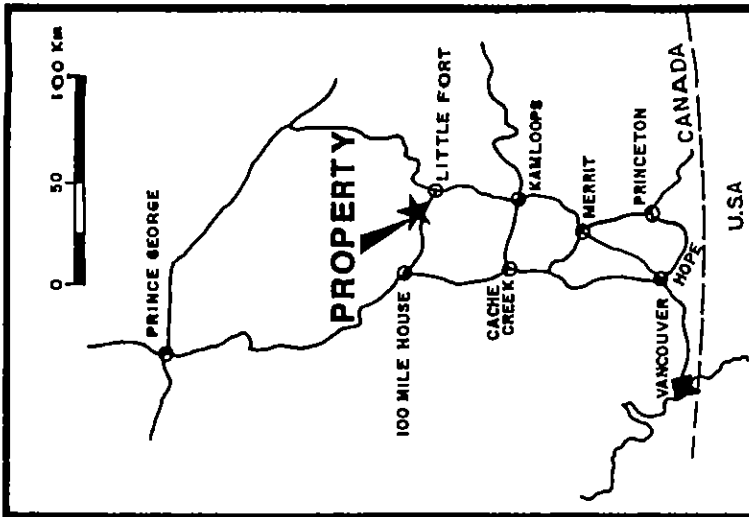
The property is located in an upland plateau region with subdued topography and elevations ranging from 1,280 meters to 1,580 meters. Vegetation consists of a complex mix of mature timber and second generation regrowth following selective logging operations spaced over many years. The moderate climate should not pose any significant problems for exploration or mining operations. An electric power transmission line runs parallel to Highway 24 and Little Fort is served by the main line of the Canadian National Railroad.

Property Definition

The Haida Gold property consists of 168 units in 14 M.G.S. mineral claims located in the Kamloops Mining Division of British Columbia, NTS 92P / 9W (Figure 1).

TABLE 1

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date Current</u>	<u>(Pending)</u>
NUF 1	15	2927	Sept 9, 1987	(1990)
TUN 1	16	2921	Sept 8, 1987	(1990)
TUN 2	20	2922	Sept 8, 1987	(1990)
FORT 7	4	178	Dec 30, 1987	(1990)
FORT 9	4	428	Jun 25, 1989	(1990)
VIT 1	20	7062	May 29, 1988	(1989)
VIT 2	20	7063	May 29, 1988	(1989)
VIT 3	18	7064	May 29, 1988	(1990)
VIT 4	20	7065	May 29, 1988	(1990)
VIT 5	15	7066	May 29, 1988	(1990)
VIT 6	10	7067	May 29, 1988	(1990)
VIT 7	1	7068	May 29, 1988	(1990)
VIT 8	1	7069	May 29, 1988	(1990)
FORT 86	4	6631	Apr 5, 1988	(1990)



LOCATION AND CLAIM MAP

VITAL PACIFIC RESOURCES LTD.
 HAIDA GOLD PROJECT
 KAMLOOPS M.D., B.C. NTS: 92 P/9 W

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DATE: AUG., 1987

FIGURE: I

The Fort 86 claim overstates pre-existing alien claims and may not be valid. The claims are recorded in the name of Electrum Resources Ltd. and S. Zastavnikovich. Vital Pacific Resources Ltd. may earn an interest in the claims by way of an option agreement.

Documents filed prior to this report divide the claims for assessment purposes into two groups.

Haida West Group: Nuf 1, Vit 4-8, Fort 7, Fort 9, Fort 86 claims:
total 74 units.

Haida East Group: Tun 1-2, Vit 1-3 claims: total 94 units.

This report and an accompanying geophysical report by Interpretex Resources Ltd. covers work undertaken on both groups.

History

High grade gold skarns were initially discovered on ground covered by the FORT 7 claim adjacent to Deer Lake in 1933. Reports by the Minister of Mines indicate that Premier Gold Mining Co. obtained assays of several ounces per ton gold from these showings. A short adit and several small pits in this area probably date back to the mid 1930's.

During the late 1960's and early 1970's, the area of the Haida Gold property was explored for porphyry copper deposits by Anaconda, Rio Tinto and United Copper Co. Work completed at this time included wide spaced grid soil geochemistry, magnetometer VLF-EM and I.P. geophysical surveys, limited trenching and minor drilling programs. Anaconda diamond drilled six holes in 1967-68 totalling about 600 meters in the Deer Lake, Nora Lake and Laurel Lake areas, but results of this work are not available in the public record. Rio Tinto percussion drilled nine holes totalling 1,500 ft. (460 m) in 1974-75 in the Goose Lake - Laurel Lake - Rio Lake area of the property with poor results. None of these programs undertook any significant analyses for gold, and none of the holes exceeded 250 ft. (75 m) depth.

Barriere Reef Resources in 1972-73 undertook detailed grid soil geochemical, geological and EM geophysical surveys in the Heidi Lake area of the property. Reports in the public domain indicate that three short diamond drill holes were completed but no details are given. The surveys indicated a large zone of anomalous zinc, arsenic, mercury and copper geochemistry but no mention is made of gold analyses.

Meridian Resources in 1977 undertook soil geochemical and magnetometer surveys on three detailed grids at McLeod Lake, No Fish Lake and Deer Lake. Reports indicate the presence of sporadic gold-arsenic-copper anomalies in soils. Meridian percussion drilled two holes totalling 455 m within the area of the FORT 9 claim, west of Deer Lake. The first hole returned strongly anomalous copper values below 70 m but no mention is made of any gold analysis.

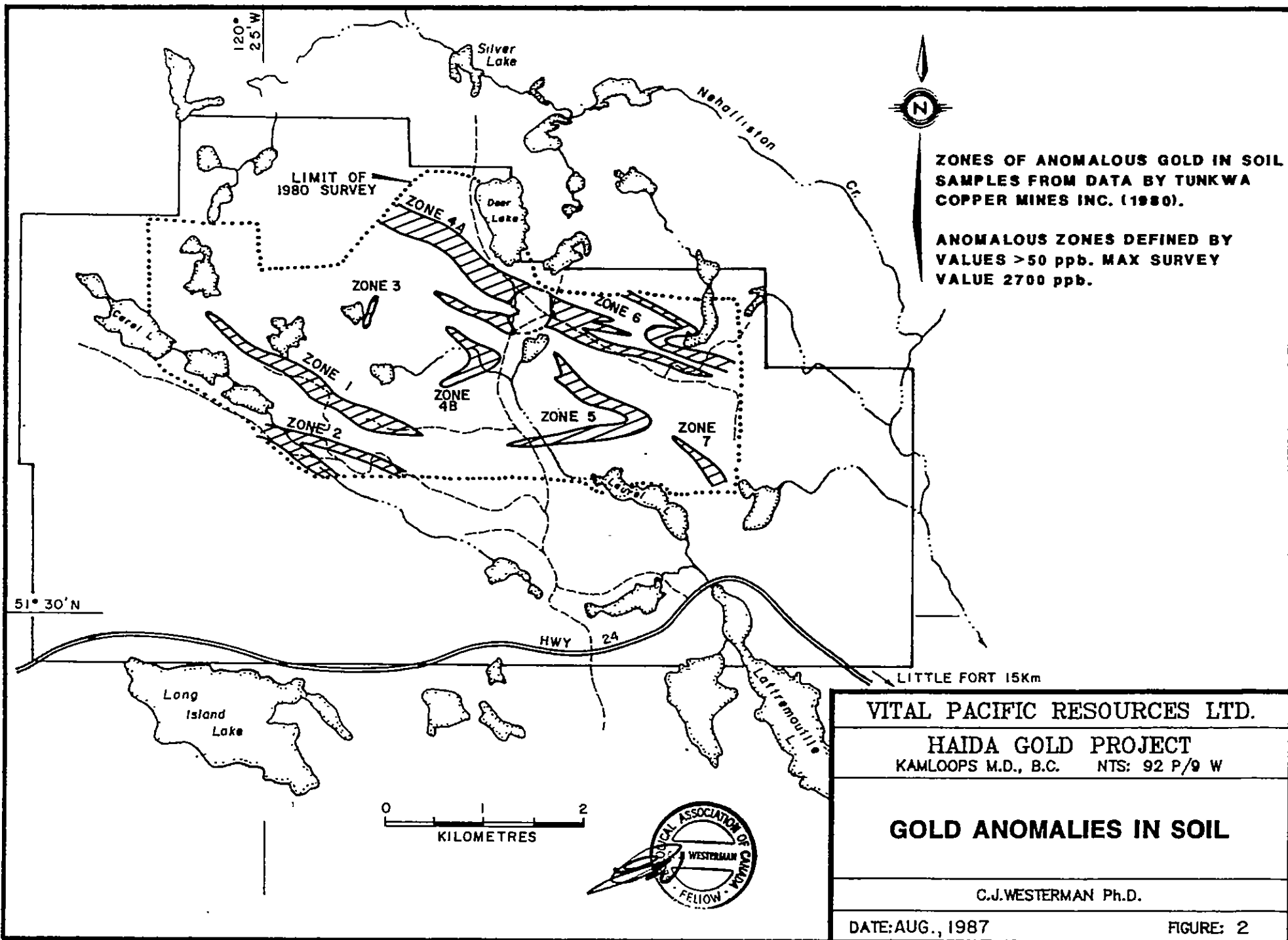
Tunkwa Copper Mines Ltd. in 1980 undertook grid geochemical soil, magnetometer and VLF-EM surveys over the entire area of the FORT 7, FORT 9, NUF 1, TUN 1 and TUN 2 claims. Lines spaced at 200 m were soil sampled at 25 m intervals. The surveys indicated the presence of seven linear gold-in-soil anomalies, four of which are at least one kilometer in length (Figure 2). The gold anomalies are partly coincident with anomalous values in arsenic and zinc. (Two of these anomalies in the vicinity of Heidi Lake have been explored in detail by the current program, subject of this report.) Tunkwa Copper Mines Ltd. chose not to follow-up these anomalies but instead, diamond drilled seven short holes in the vicinity of the original Deer Lake gold showings. Results of the drill program are not in the public domain.

Current Work Program

The current work program was undertaken between May 30, and July 12, 1987. The program consisted of construction of 11.5 line kilometers of survey grid cut to I.P. specification, collection of 426 soil samples, completion of 11.4 line kilometers of geophysical I.P. survey, excavation of 300 linear meters of bulldozer trench in seven locations, geological mapping and collection of 144 rock samples.

References

- Ager, C.A. & Smith, F.M. (1981) - Geophysical and Geochemical Survey -Fort Tun Property, for Tunkwa Copper Mines Ltd., BCDM-A.R. 8880.
- Symonds, D.F. & Montgomery J.H. (1977) - Report on the Deer Lake Copper-Gold Prospect, Kamloops M.D., B.C. on behalf of Meridian Resources Ltd., B.C.D.M. A.R. 6586.
- Rockel, E.R. (1987) - Report on Induced Polarization and Resistivity Surveys on the NUF 1, TUN 1 and VIT 1 claims, for Vital Pacific Resources Ltd., company report.



Preto, V.A.G. (1977) - Geology of the area between Eakin Creek and Windy Mountain. B.C.D.M. - G.E.M. 1970, p. 307.

Campbell, R.B. and Tipper, H.W. (1971) - Geology of Bonaparte Lake Map Area, B.C., Geol. Surv. Canada Memoir 363.

Westerman, C.J. (1987) - Geochemical report on Fort 9 Mineral claim, for Electrum Resources Ltd. and Vital Pacific Resources Ltd., filed for assessment credits June 1987.

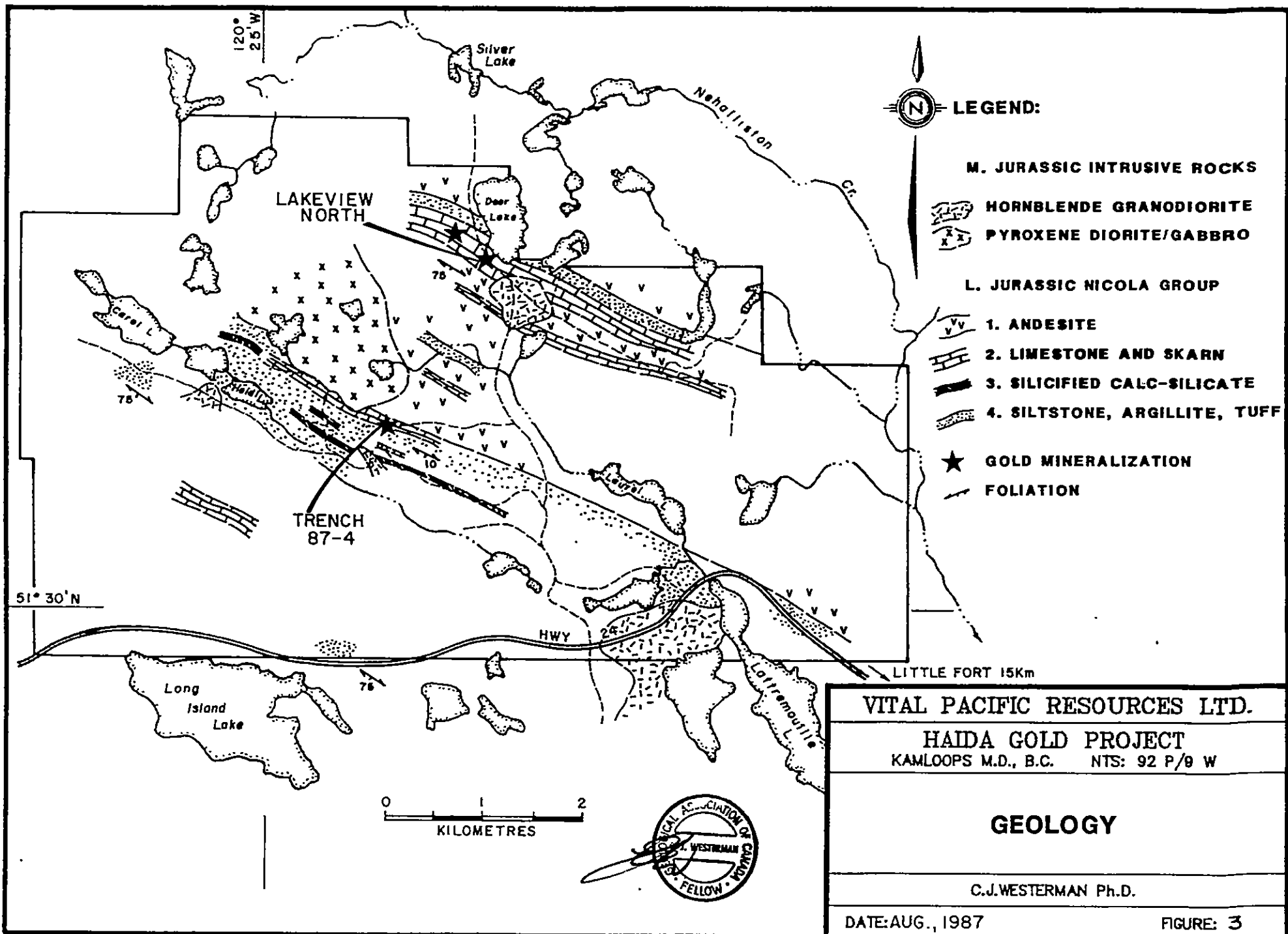
The following B.C.D.M. Assessment Reports are pertinent to the area of the Haida Gold property: AR #905, 907, 910, 981, 1061, 1123, 1169, 1690, 2712, 3349, 3945, 4028, 4260, 4262, 4264, 4678, 4684, 4835, 4947, 5424, 5425, 5734, 6586.

The mineralization within the Haida Gold property is referred to in the following B.C. government publications: M.M.A.R. 1930 - p. 191, 1966 - p. 143, 1967 - p. 133. G.E.M. 1970 - p. 312, 1971 - p. 334, 1972 - p. 320, 1973 - p. 275, 1977 - p. E179.

GEOLOGY

The Haida Gold property is located within the Quesnel terrane and is underlain predominantly by andesitic volcanic and sedimentary rocks of the late Triassic -early Jurassic Nicola Group. The Thuya granodiorite batholith of early Jurassic age lies immediately south of the project area and is locally exposed along Highway 24. Middle Jurassic augite porphyry is present over a large area north of Silver Lake (Preto 1970). Regional structural trends are northwest as are the majority of compositional boundaries. Rock exposures along Highway 24 indicate the presence of regional folds with sub-horizontal axes overturned to the northeast with axial planes dipping southwest. A major northwest trending fault has been mapped along the linear trace of Carol Lake, Heather Lake and Heidi Lake by the G.S.C. (Map 1278A) and Preto (1970).

Natural rock exposures in the area are very few and hence stratigraphic and structural correlations expressed herein must be taken with caution. The author has examined most of the rock exposures within the Heidi Lake Grid area but has only briefly examined road exposures in the remainder of the property. Six lithologic units have been recognised as follows (Figures 2 and 13):



LEGEND:

- M. JURASSIC INTRUSIVE ROCKS**
- HORNBLENDE GRANODIORITE**
- PYROXENE DIORITE/GABBRO**
- L. JURASSIC NICOLA GROUP**
- 1. ANDESITE**
- 2. LIMESTONE AND SKARN**
- 3. SILICIFIED CALC-SILICATE**
- 4. SILTSTONE, ARGILLITE, TUFF**
- ★ GOLD MINERALIZATION**
- FOLIATION**

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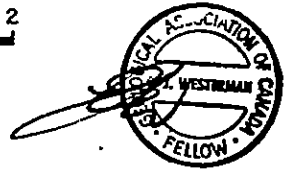
Haida Gold Project
 Kamloops M.D., B.C. NTS: 92 P/9 W

GEOLOGY

C.J. WESTERMAN Ph.D.

DATE: AUG., 1987

FIGURE: 3



- (1) **Andesite:** primarily green, medium to fine grained andesitic flows and interbedded tuffs, local flow breccia, local coarse lapilli tuff.
- (2) **Limestone:** grey, thin bedded impure limestone, variably converted to fine grained diopside-garnet skarn.
- (3) **Silicified "calc-silicate":** an alteration lithology rather than a stratigraphic unit but generally spatially associated with grey limestone. The lithology is fine grained silica with variably recognizable quantities of fine grained diopside and pale pink garnet, very weakly calcareous. Some locations have a "ghost" fragmental texture suggesting silicification of coarse andesitic lapilli tuff.
- (4) **Siltstone:** Thin bedded grey siltstone with minor argillite, chert and silty tuffaceous units. Locally contains in excess of 5% fine grained disseminated pyrite.
- (5) **Graphitic argillite:** recognised only in Trench 87TR-5, a 50 cm thick unit of strongly graphitic argillite underlying a one meter thick grey limestone unit.
- (6) **Pyroxene diorite/gabbro:** a coarse grained equigranular to weakly porphyritic intrusive unit composed of approximately equal quantities of augite and plagioclase. This unit underlies the area northeast of the Heidi Lake grid and is clearly intrusive into the limestone-andesite-siltstone package of lithologies 1-6. The majority of this intrusive body is actually gabbroic in composition and texture. Previous workers have referred to this as a "Porphyritic Diorite". The unit is probably the hypabyssal intrusive equivalent of middle Jurassic augite porphyry volcanic rocks exposed to the north of the property.
- (7) **Hornblende-biotite-granodiorite:** essentially the Thuya Batholith exposed along Highway 24 and minor dikes or small stocks within the rest of the property, notably in the area north of the Lakeview South showings and in the extreme southeast corners of the Heidi Lake grid.

The Nicola volcanic-sedimentary package (units 1-6) contains a moderately well developed penetrative foliation and several sets of brittle fractures. Compositional banding is rarely seen in outcrop, since most outcrop is actually accumulations of rubble. Road exposures and trenches, however, indicate that in the area of the Heidi lake grid, lithologic units are sub-horizontal with gentle dips to the northeast or southwest. Steep southwest dips in the areas of Deer Lake and Long Island Lake indicate that the Heidi Lake grid area occupies the flat lying limb of a pair of major folds overturned to the northeast (Figure 3). Axial planes of these folds strike northwest and dip southwest. Fold axes are sub-horizontal to gently northwest plunging.

The limestone package exposed at Deer Lake is therefore probably the stratigraphic equivalent of that which is exposed in the Heidi Lake grid and again in the area north of Long Island Lake. In the Deer Lake area, the limestone is enclosed in a predominantly "andesitic" package whereas in the Long Island Lake area it is enclosed in a predominantly "siltstone" package. In the Heidi Lake area the enclosing package is mixed suggesting proximity to a lower Jurassic "hinge line" or penecontemporaneous structure. The possibility that such a structure provided a conduit for mineralizing solutions cannot be overlooked.

MINERALIZATION

Finely disseminated pyrite mineralization is present at the 2-5% level over wide areas of the property within the Nicola Group volcanic and sedimentary rocks. Numerous rock samples indicate that this pyrite is not associated with any significant concentrations of precious metals.

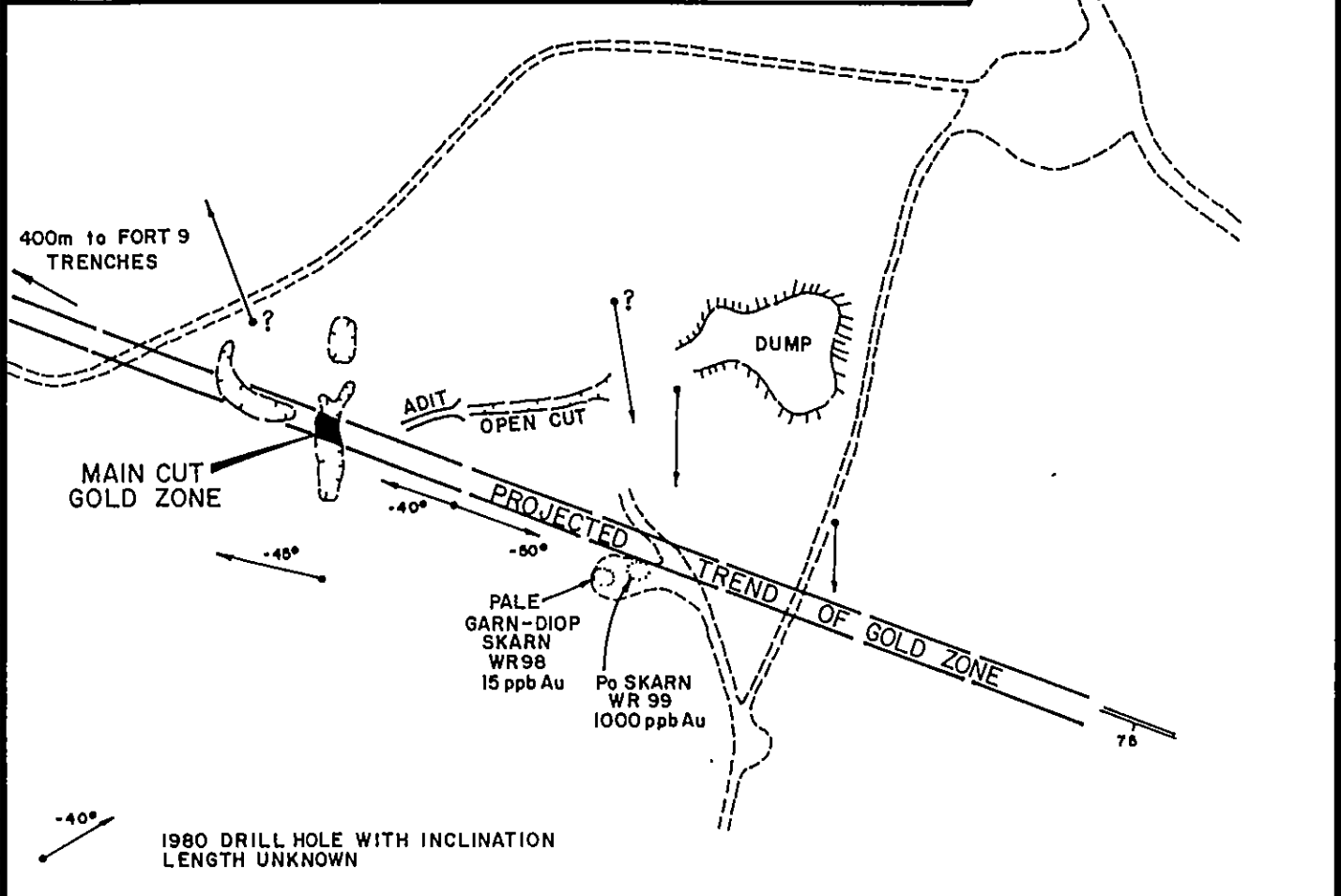
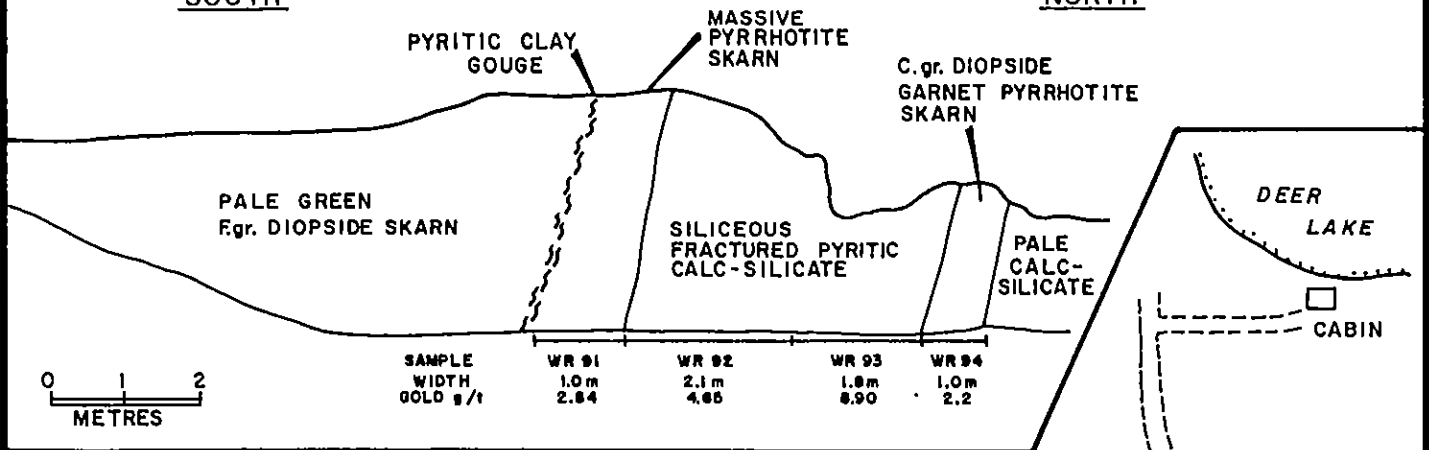
High grade gold values at the old Deer Lake (Lakeview North) workings are associated with a zone of intense silicification and moderate pyritization in a pale calc-silicate skarn lithology. The gold bearing zone is exposed in an old open cut above the partly caved Lakeview North adit. The silicified zone strikes northwest, dips steeply to the southwest, and is 3.9 meters wide. It is contained between two massive pyrrhotite skarn units, each about 1 meter in width (Figure 4). Chip samples taken by the author across the silicified zone returned an average of 6.61 g/t (0.193 oz/t) gold over the 3.9 meter width. Chip samples of the pyrrhotite skarn units returned assays of 2.84 g/t (0.083 oz/t) and 2.20 g/t (0.064 oz/t) gold across one meter widths. Previous sampling of the silicified zone by F. Marshall Smith, P.Eng. for Tunkwa Copper Mines in 1980 returned an average assay of 14.14 g/t (0.412 oz/t) gold across 3.9 meters (unpublished report). A sample taken by W. Fuchter for Kennco Explorations (Western) Ltd. in 1981 across 6.1 meters of the open cut face assayed 13.3 g/t (0.389 oz/t) gold (unpublished report).

Tunkwa Copper Mines drilled seven holes of unknown length in the area of the Lakeview North showing in 1980. Three of the holes were drilled parallel to strike in the hangingwall and could not have intersected the zone. The four holes collared in the footwall may or may not have intersected the zone, depending on inclination and total length. The results of this drilling have not been made public and the author is not aware of the location of the core.

SECTION THROUGH MAIN CUT GOLD ZONE

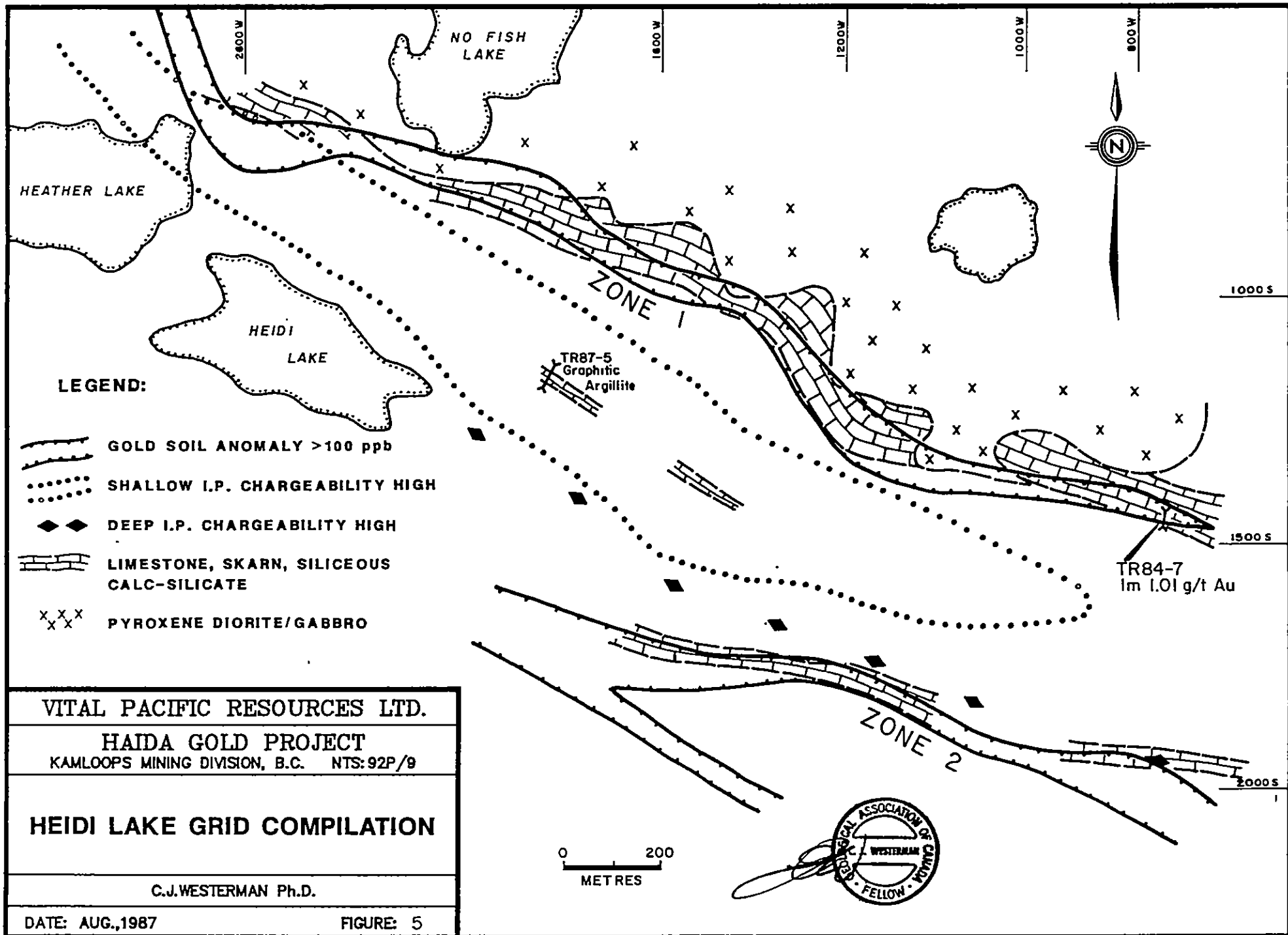
SOUTH

NORTH



VITAL PACIFIC RESOURCES LTD.	
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KAMLOOPS MINING DIVISION, B.C. NTS:92P/9	
LAKE VIEW NORTH ZONE	
C.J.WESTERMAN Ph.D.	
DATE: AUG.,1987	FIGURE: 4





In early June 1987, the author (Westerman, 1987) chip sampled two old trenches located west of Deer Lake within claim FORT 9. Highly siliceous diopside skarn exposed in one trench returned four sequential one meter assay values of 1.56 g/t, 1.63 g/t, 4.2 g/t and 0.99 g/t gold (0.046 oz/t, 0.048 oz/t, 1.123 oz/t, 0.029 oz/t gold). This showing is located 400 meters northwest of the Lakeview North showings and is apparently along strike. Detailed investigation, including drilling, of this area is warranted.

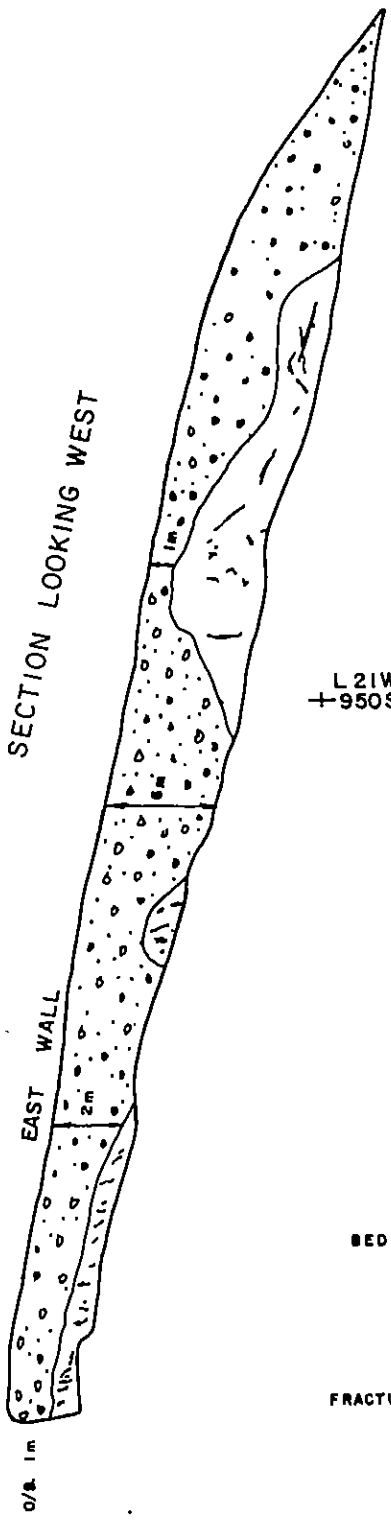
Seven trenches totalling 300 linear meters were excavated by a backhoe during the recent program completed in the Heidi Lake grid area. The location of trenches was guided by soil gold geochemical anomalies. All of the trenches except TR87-5 exposed highly silicified fine grained calc-silicate material, containing 1-5% disseminated and fracture filling pyrrhotite (Figures 6-12). This lithology contains only background gold values.

A zone of heavily disseminated and fracture filling pyrite occurs in trench TR87-4 at the contact of grey limestone and silicified calc-silicate. The pyritic zone assayed 1.01 g/t (0.029 oz/t) gold across one meter. The zone appears to be flat-lying, conformable and about 30 cm in thickness but may alternatively be cross-cutting and sub-vertical. Exposure is not sufficiently good to permit discrimination. Irregular sulphide bearing pods in adjacent limestone outcrops contain anomalous geochemical values in zinc, copper, arsenic and gold.

GEOCHEMISTRY

A soil geochemical program undertaken in 1980 by Tunkwa Copper Mines indicates the presence of two linear gold anomalous zones in the area north and east of Heidi Lake. The zones trend west-northwest across the grid. The northern zone (G-1) is in excess of 2 km in length and the southern zone (G-2) is about 1 km in length. The zones are partially coincident with linear zones of anomalous arsenic values and lie on either side of a central zone of elevated zinc values in soils. The anomalous zones are indicated by soil samples spaced at 25 m intervals on lines spaced 200 meters apart.

SECTION LOOKING WEST



L 21W
+950S

COARSE FRAGMENTAL
SILICEOUS CALC-SILICATE
WITH FRACT. Py, Po, Qtz.

BOULDER TILL CHANNEL

f.gr. GREY-GREEN CALC-SILICATE
2% diss. Py, Po ON FRACTURES
? MAY BE LARGE BOULDERS.

BOULDERS, CLAY, TILL

PALE CALC-SILICATE
V. SILICIFIED, MICROBR,
WEAKLY CALCAREOUS,
MOD. FeOx 3-4% diss py, po, f.gr.
AND ON IRREGULAR FRACTURES.

BEDDING?

FRACTURES

SAMPLE RESULTS	
INTERVAL m	Au PPB
0 - 2	3
2 - 4	8
4 - 6	3
6 - 8	6
8 - 9	35
15 - 17	14
18 - 22	40
22 - 24	9
24 - 26	No Sample
26 - 28	4
28 - 30	2
30 - 32	6
32 - 34	7
34 - 36	3



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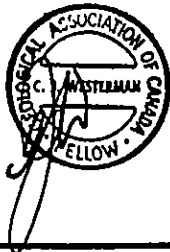
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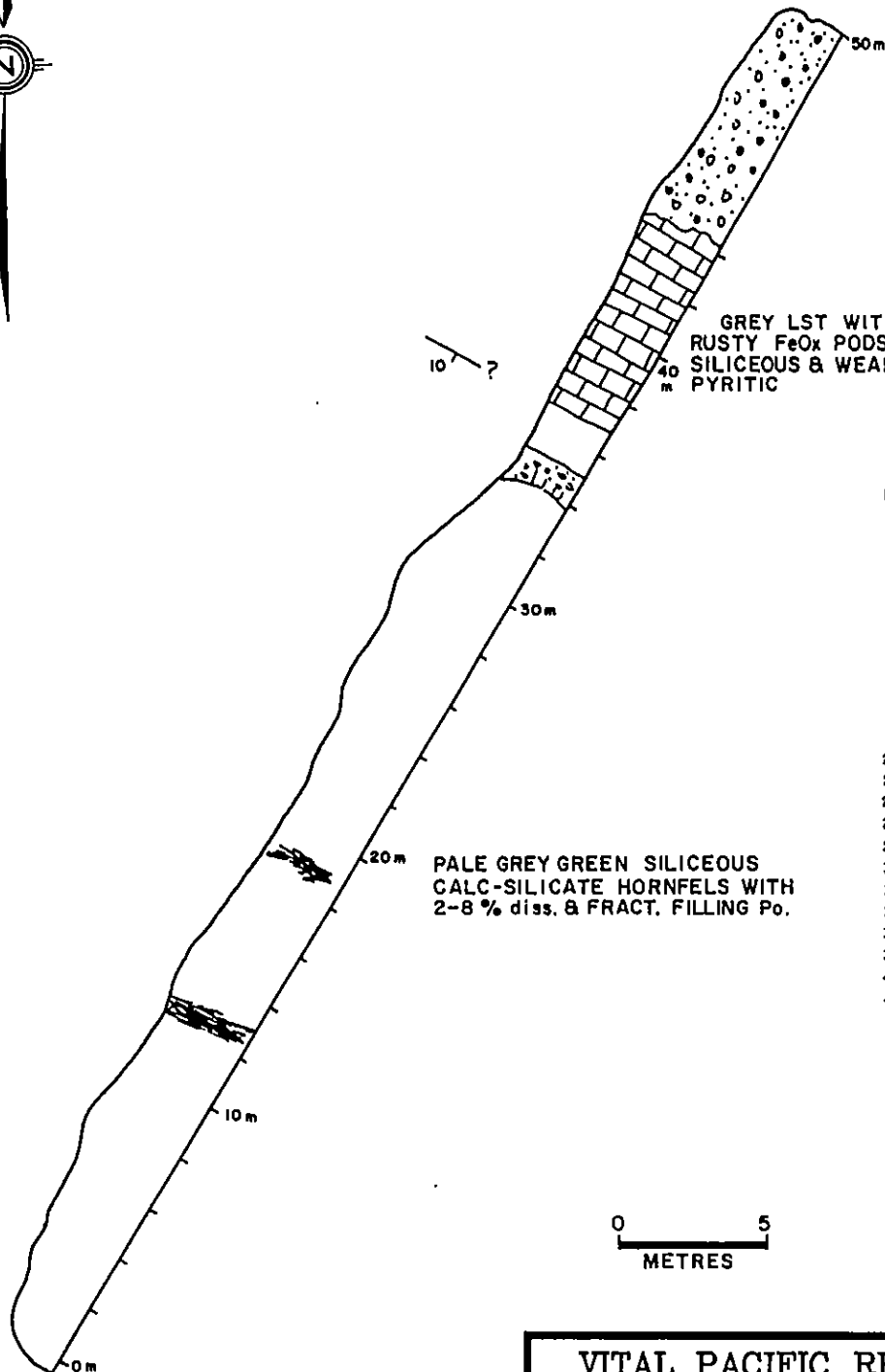
TRENCH TR87-1
GEOLOGY AND SAMPLE RESULTS

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DATE: AUG., 1987

FIGURE: 6





GREY LST WITH
RUSTY FeOx PODS
SILICEOUS & WEAKLY
PYRITIC

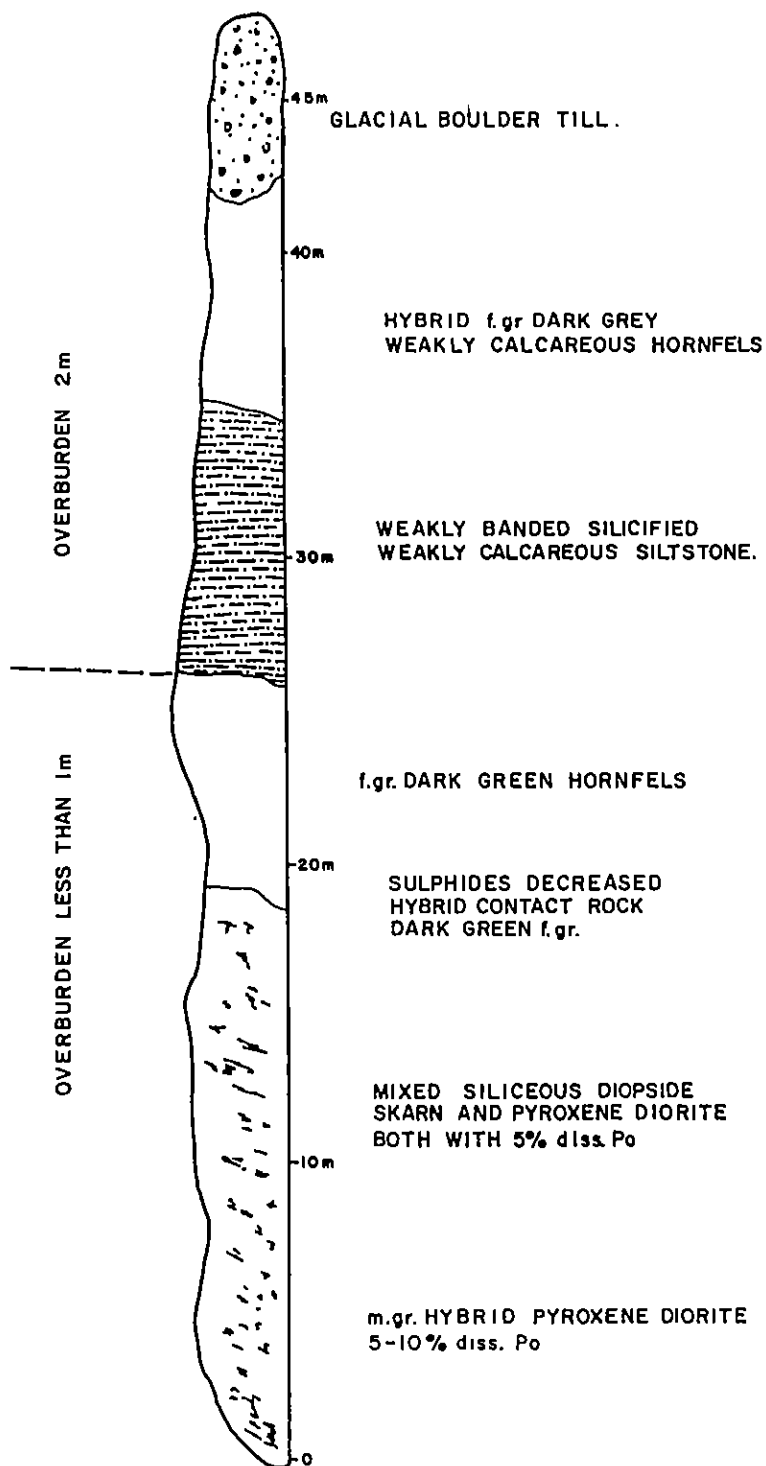
10' ?

INTERVAL m	Au PPB
0 - 2	2
2 - 4	3
4 - 6	3
6 - 8	6
8 - 10	3
10 - 12	5
12 - 14	72
14 - 16	3
16 - 18	6
18 - 20	4
20 - 22	3
22 - 24	2
24 - 26	20
26 - 28	19
28 - 30	8
30 - 32	22
32 - 34	18
34 - 36	37
36 - 38	2
38 - 40	3
40 - 42	2
42 - 48	4

PALE GREY GREEN SILICEOUS
CALC-SILICATE HORNFELS WITH
2-8% diss. & FRACT. FILLING Po.

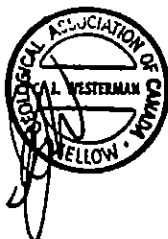


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Haida Gold Project Kamloops Mining Division, B.C. NTS: 92P/9
TRENCH TR87-2 GEOLOGY AND SAMPLE RESULTS
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DATE: AUG., 1987
FIGURE: 7



SAMPLE RESULTS

INTERVAL m	Au PPB
0 - 4	5
4 - 8	3
8 - 12	6
12 - 16	7
16 - 20	4
20 - 24	2
24 - 28	8
28 - 32	3
32 - 36	6



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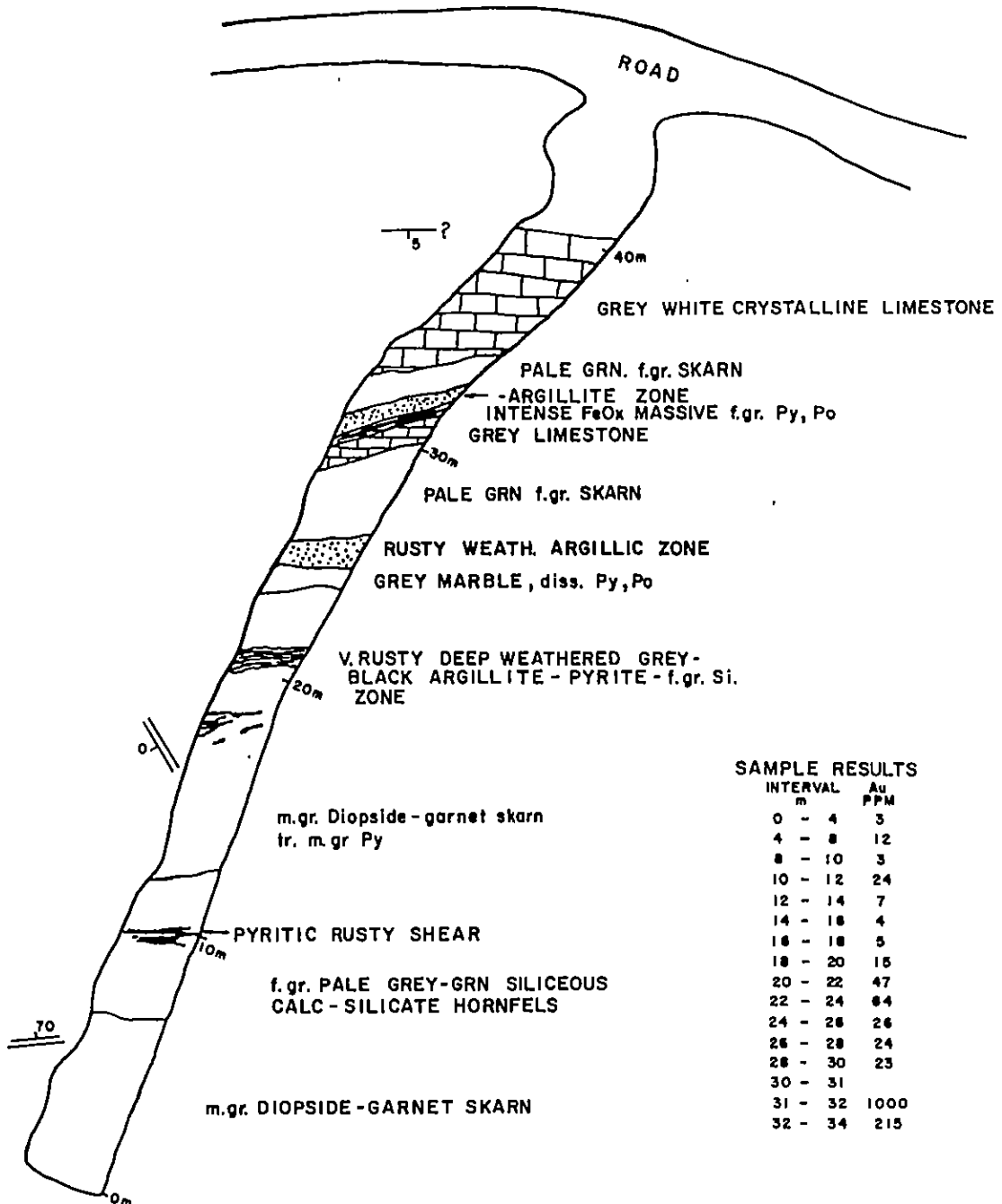
Haida Gold Project
Kamloops Mining Division, B.C. NTS: 92P/9

TRENCH TR87-3
GEOLOGY AND SAMPLE RESULTS

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FIGURE: 8



SAMPLE RESULTS

INTERVAL m	Au PPM
0 - 4	3
4 - 8	12
8 - 10	3
10 - 12	24
12 - 14	7
14 - 16	4
16 - 18	5
18 - 20	15
20 - 22	47
22 - 24	64
24 - 26	26
26 - 28	24
28 - 30	23
30 - 31	
31 - 32	1000
32 - 34	215



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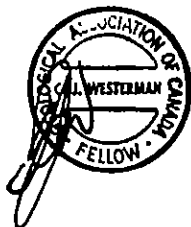
Haida Gold Project
Kamloops Mining Division, B.C. NTS:92P/9

**TRENCH TR87-4
GEOLOGY AND SAMPLE RESULTS**

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DATE: AUG.,1987

FIGURE: 9





COMPOSITION BANDING APPEARS TO BE ALMOST HORIZONTAL

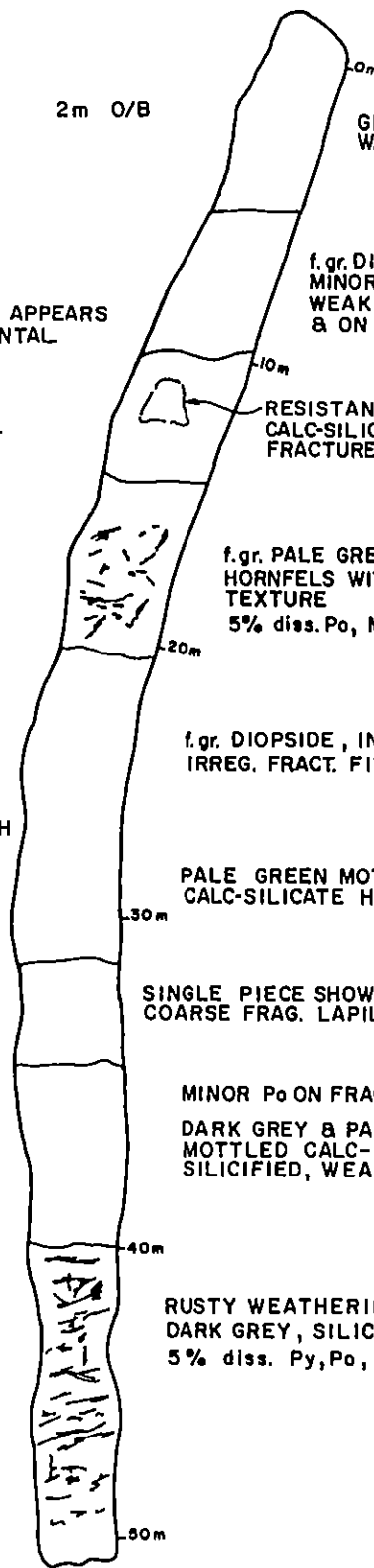
0.5

~5m ELEVATION DIFFERENCE ALONG TRENCH

1m O/B

HORIZONTAL BEDDING

0 5 METRES



GREY MOTTLED CALC-SILICATE
W. CALCITE VNLTS. - MINOR BLEBBY Po

f. gr. DIOPSIDE CALC-SILICATE
MINOR XCUTTING BLK CALCITE VEINS
WEAK RUSTY WEATH. DUE TO Po diss
& ON FRACTURES ~4%

RESISTANT HUMP, PALE GRN SILICEOUS
CALC-SILICATE HORNFELS, MINOR Po ON
FRACTURES ~2%

f. gr. PALE GREY-GRN TOTALLY SILICIFIED
HORNFELS WITH APPARENT GHOST FRAGMENTAL
TEXTURE
5% diss. Po, MINOR Py, Trace of Cpy

f. gr. DIOPSIDE, INCIPIENT PINK GARNET SKARN.
IRREG. FRACT. FILLED BY BLACK CALCITE.

PALE GREEN MOTTLED SILICEOUS
CALC-SILICATE HORNFELS.

SINGLE PIECE SHOWS TOTAL SILICIFICATION
COARSE FRAG. LAPILLI TUFF FRAGS PORPHYRITIC.

MINOR Po ON FRACTURES & BLEBS
DARK GREY & PALE GREEN IRREGULARLY
MOTTLED CALC-SILICATE PARTLY
SILICIFIED, WEAKLY CALCAREOUS

RUSTY WEATHERING BLOCKY BROKEN
DARK GREY, SILICIFIED HORNFELS.
5% diss. Py, Po, MICROFRACTURED

SAMPLE RESULTS	
INTERVAL	Au
m	PPB
0 - 5	4
5 - 10	7
10 - 15	2
15 - 20	4
20 - 25	4
25 - 30	4
30 - 35	120
35 - 40	6
40 - 45	9
45 - 50	2



VITAL PACIFIC RESOURCES LTD.

Haida Gold Project

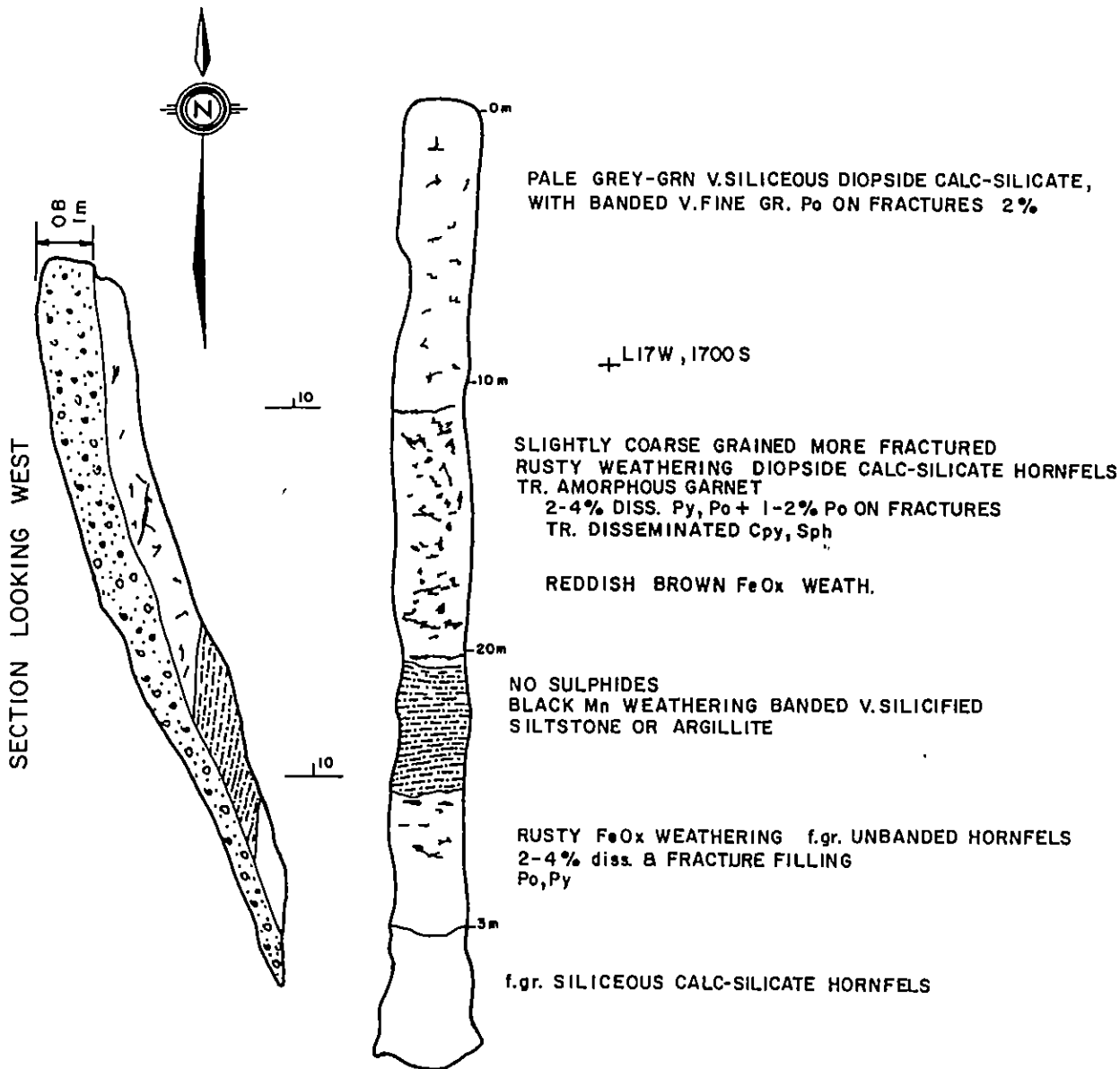
Kamloops Mining Division, B.C. NTS: 92P/9

**TRENCH TR87-6
GEOLOGY AND SAMPLE RESULTS**

C.J. WESTERMAN Ph.D.

DATE: AUG., 1987

FIGURE: 10

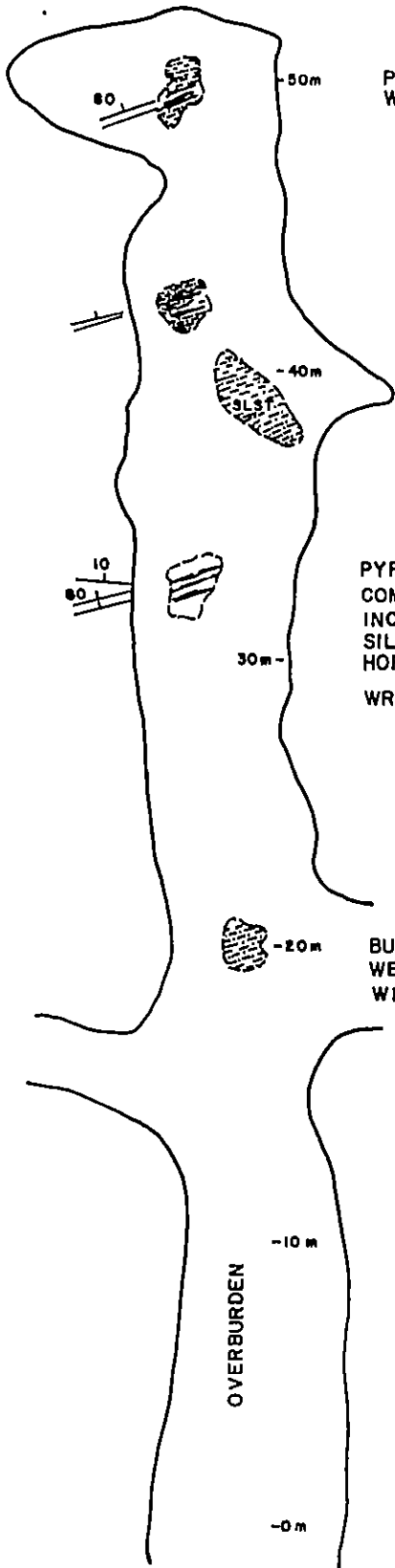
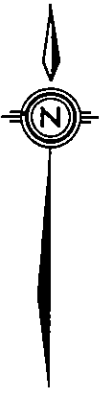


SAMPLE RESULTS

INTERVAL (m)	Au PPB
0 - 5	3
5 - 10	43
10 - 15	3
15 - 20	2
20 - 25	6
25 - 30	2
30 - 34	1
34 - 36	2



VITAL PACIFIC RESOURCES LTD.	
Haida Gold Project KAMLOOPS MINING DIVISION, B.C. NTS: 92P/9	
TRENCH TR87-7 GEOLOGY AND SAMPLE RESULTS	
C.J. WESTERMAN Ph.D.	
DATE: AUG., 1987	FIGURE: 11



PYRITIC RUSTY ZONE IN SILTSTONES
WR160 - 66 ppb Au, 4.4 ppm Ag

f.gr. DARK GREY PYRITIC SILTSTONES
WR161 - 2ppb Au, 2.1 ppm Ag

PYRITIC FRACTURES 075/80N
COMP. BANDING DIPS N at -10°
INCLUDES WHITE-GREY v.f.gr.
SILICIFIED & PYRITIZED ARGILLITE
HORNFELS
WR 162 - 1ppb Au, 1.2 ppm Ag

BUFF WEATH. SLST/ ARGILLITE
WEAKLY SILICIFIED, WEAKLY PYRITIC.
WR 163 - 3 ppb Au, 1.2 ppm Ag



OVERBURDEN



VITAL PACIFIC RESOURCES LTD.	
Haida Gold Project Kamloops Mining Division, B.C. NTS: 92P/9	
OLD TRENCH 20+50W, 1250S GEOLOGY AND SAMPLE RESULTS	
C.J. WESTERMAN Ph.D.	
DATE: AUG., 1987	FIGURE: 12

The current program provided fill-in geochemical soil sampling on new lines spaced at 200 m intervals but staggered 100 m with respect to the old lines. The resulting data base is a grid spaced at 25 m by 100 m. The new survey grid was originated at Station 2000 S on Line 14+00W of the old grid. New lines are odd-numbered. Tie lines were run for survey control at 2000 S, 1000 S and 500 S. Sampling and analytical methodology and statistical analysis of the data base is presented in Appendix 3. Analytical results are presented in Appendix 4. A total of 426 soil samples were collected and analysed for Au, Ag, Cu, Pb, Zn, As, Sb, Bi, Cd, Mo, Ni, Sn and Cr.

Results of the current geochemical program provided general confirmation of the anomalies outlined by the 1980 program. The G1 anomaly is the stronger and more coherent of the two gold zones. It is consistently underlain by limestone and silicified calc-silicate rocks adjacent to the pyroxene diorite/gabbro intrusive contact. Overburden thickness along the length of the anomaly is in the order of one meter or less, although local channels in excess of 7 meters thick are present. Gold soil anomalies in the vicinity of trench 87TR-4 are clearly related to bedrock mineralization. It is suspected that the G1 gold soil anomaly is derived from near surface bedrock sources along its length not generally exposed in the recent trenching program.

Two test pits were dug on strongly anomalous gold values in soils within the southern part of the G2 anomaly. The pits - immediately adjacent to the small creek draining Heidi Lake - were entirely in glacial boulder till underlain by blue clay or hardpan. Clearly, this part of the anomaly is not related to bedrock. Trench 87TR-6 investigated bedrock below a single station soil anomaly of 2500 ppb Au. The trench exposed heavily silicified calc-silicate rocks beneath less than one meter of overburden. Rock samples from the trench contained only background values for gold. The source of this soil anomaly is still in doubt.

GEOPHYSICS

Approximately 11.4 line kilometers of geophysical I.P. surveying was undertaken on the Heidi Lake Grid. The survey utilized a 50 meter "a spacing" and N values from 1 to 6. Details of methodology and results are contained in a separate report by E.R. Rockel of Interpretex Resources which contracted the survey.

High background chargeability readings throughout the survey area are probably related to the ubiquitous presence of about 2% disseminated pyrite in bedrock. A high chargeability zone, several hundred meters wide, trends northwest through the center of the survey grid. The axis of this zone corresponds to a linear zone of very low resistivity which is probably attributable to a thin, near surface graphitic layer in the sub-horizontal stratigraphy. High chargeability, moderate resistivity zones above and below this are probably related to disseminated sulphides.

A linear zone of very high chargeability at depth trends northwest along the southwestern flank of the shallow anomalous zone. This deep chargeability anomaly, only detected at N=6, is related to moderate resistivity values. This zone is interpreted as a potential massive sulphide occurrence which warrants drill testing.

CONCLUSIONS

The Haida Gold property is underlain by early Jurassic volcanic and sedimentary rocks of the Nicola Group which have been intruded by middle Jurassic hornblende granodiorite and pyroxene diorite/gabbro. Grey limestone and silicified calc-silicate units exposed in the Deer Lake, Heidi Lake and Long Island Lake areas are probably stratigraphic equivalents repeated on the limbs of northeasterly overturned folds. Gold values in calc-silicate rocks are related to pyrite concentrations which appear to post-date silicification. Widespread disseminated pyrite believed to pre-date silicification is not auriferous.

Anomalous gold values in soils in the north portion of the Heidi Lake grid are related to bedrock mineral occurrences. Anomalous gold values in soils between Deer Lake and Nora Lake are also probably related to bedrock mineral occurrences. Anomalous gold values in soils in the south part of the Heidi Lake grid are probably related to glacial overburden.

Near surface zones of high electrical chargeability trending northwest through the center of the Heidi Lake grid are related to early disseminated pyrite and a thin graphitic layer in sub-horizontal stratigraphic units. A deep linear zone of very high chargeabilities may be a massive sulphide occurrence. It is possible that this deep zone may represent an early Jurassic hydrothermal "feeder"

structure responsible for peripheral zones of silicification and weak gold mineralization currently exposed at surface. The deep linear chargeability zone is an attractive target which should be tested by drilling.

Economically significant gold values are present in a sub-vertical structure across widths of up to 4 meters in the Lakeview North zone. Current data suggests that the zone may have a length in excess of 400 meters. Previous drilling has not adequately tested this zone which may have considerable economic potential.

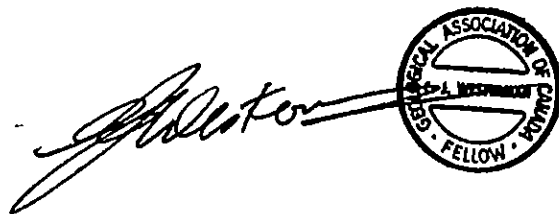
The age, indicated area (extent and style of mineralization) at the Haida Gold project are encouraging. Geological and mineralogical comparisons with the Hedley Gold deposits of southern B.C. are reasonable. The property certainly warrants continued exploration.

RECOMMENDATIONS

Two drill targets currently exist within the Haida Gold property. I recommend that approximately 1,500 m (5,000 ft.) of diamond drilling be undertaken to test both the deep I.P. target on the Heidi Lake Grid and the gold bearing structure at the Lakeview North zone. The deep I.P. target should be tested by four 230 m (750 ft.) inclined holes in the area between line 15 W and Line 17 W. A detailed surface survey of the Lakeview North zone should be undertaken prior to drilling approximately ~~five~~^{TEA} shallow 60 m (200 ft) holes to test the strike extent of the zone.

August 25, 1987
Vancouver, B.C.

C.J. Westerman, Ph.D., F.G.A.C.
Consulting Geologist



The image shows a handwritten signature in cursive, which appears to be "C.J. Westerman". To the right of the signature is a circular professional seal. The seal contains the text "GEOLOGICAL ASSOCIATION OF CANADA" around the top inner edge and "FELLOW" at the bottom. In the center of the seal, there is a smaller circle with the name "C.J. WESTERMAN" written inside it.

APPENDIX 1

STATEMENT OF COSTS

Haida Gold Property

NUF 1, TUN 1 AND 2, FORT 7, FORT 9, VIT 1-8 CLAIMS

Kamloops Mining Division

Field work undertaken May 30 to July 12, 1987

Survey Grid and Soil Sampling

2.2 km tie lines @ \$150/km; 11.5 km soil lines @ \$250/km;
8.3 km I.P. lines @ \$280/km \$ 5,529.00

Trenching

J.D. 690 trackhoe excavator: 23 hrs @ \$85/hr + mob & demob 2,638.00

Equipment

Bags and flagging 30.00

Labour

C. Westerman, Consulting Geologist: 30.5 days @ \$400/day 12,200.00

Assays and Analyses

Rocks 133 prep @ \$3.50	465.50	
133 Au ppb @ \$6.75	897.75	
7 Au assay @ \$8.00	56.00	
14 six element ICP @ \$4.50	63.00	
11 prep, 31 element ICP, Tl, Hg, Au, Pt, Pd	341.00	
Soils 426 prep at \$0.90	383.40	
426 Au ppb at \$6.75	2,875.50	
417 twelve elem ICP @ \$5.50	2,293.50	
9 six elem ICP @ \$4.50	40.50	
Statistical analysis	131.10	7,547.25

Freight

123.35

Drafting, maps, copies, report cost, communication

1,947.03

Vehicle

Rental 17 days @ \$35 595.00
3,947 km @ \$0.10 394.70
Gas 493.66

Motel

682.56

Meals

343.08

TOTAL

\$32,523.63




August 25, 1987
Vancouver, B.C.

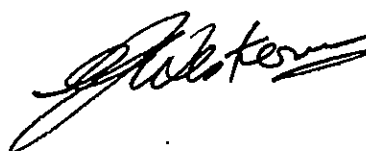

C.J. Westerman, Ph.D., F.G.A.C.
Consulting Geologist

APPENDIX 2

STATEMENT OF QUALIFICATIONS

I, Christopher John Westerman, hereby certify that:

1. I am an independent Consulting Geologist with an office at 1010 -470 Granville Street, Vancouver, British Columbia, V6C 1V5.
2. I am a graduate of London University, England with the degree of Bachelor of Science in Geology (1967); of the University of British Columbia with the degree of Master of Science in Geology (1970) and of McMaster University, Ontario with the degree of Doctor of Philosophy in Geology (1977).
3. I am a Fellow of the Geological Association of Canada (F.525) and a member of the Canadian Institute of Mining and Metallurgy.
4. I have practised my profession in North America since 1967, having worked as employee and consultant for several International Mining Corporations and Junior Resource Companies.
5. This report is based upon a personal examination of all available company and government reports pertinent to the subject property, and upon field work undertaken on the property between May 30 and July 12, 1987.

August 25, 1987
Vancouver, B.C.

C.J. Westerman, Ph.D., F.G.A.C.
Consulting Geologist

APPENDIX 3

**GEOCHEMICAL SURVEY, ANALYTICAL PROCEDURES AND
STATISTICAL ANALYSIS OF RESULTS**

Soil samples for geochemical analysis were collected with a mattock from "B" horizon' material at depths of 15 - 30 cm. The soil samples were collected at 25 meter intervals along grid survey lines spaced at 200 meter intervals. All soil samples were placed in numbered Kraft wet strength bags. Rock chip samples were taken at geologically significant locations and placed in numbered plastic bags. A total of 426 soil samples and 144 rock samples were collected. All samples were analysed by Min-En Laboratories Ltd. in North Vancouver. Soil samples were sieved to -80 mesh. Rock samples were crushed and pulverized. The following elements were analysed by Jarrell Ash 9,000 Induction Coupled Plasma (ICP) analysis after digestion in a HNO_3 - H_2CO_4 mixture: Ag, As, Ba, Bi, Cd, Co, Cu, Fe, Mn, Pb, Sb, Zn. Mercury (Hg) was analysed by flameless atomic absorption and thallium (Tl) by aqua regia MIBK extraction. A 15 gram sample was analysed by fire assay for gold (Au) and for platinum (Pt) and palladium (Pd) where appropriate.

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AG

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 3.00 PPM
 MINIMUM VALUE: .10 PPM
 MEAN: .84 PPM
 STD. DEVIATION: .38 PPM
 COEFF. OF VARIATION: .45

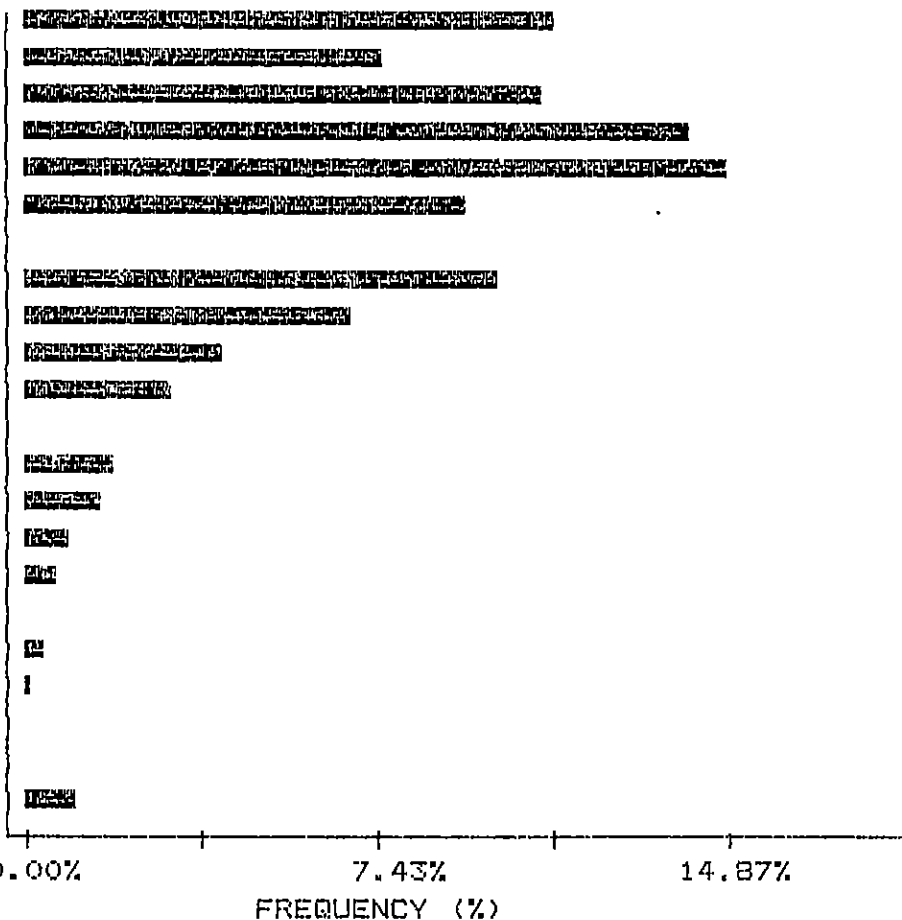
5 HIGHEST AG VALUES:
 L9W 1450S 3.0 PPM
 L23W 525S 2.9 PPM
 L23W 500S 2.6 PPM
 L17W 1925S 2.3 PPM
 L17W 1975S 2.1 PPM

HISTOGRAM FOR AG

CLASS INTERVAL = .08

MID CLASS	CLASS
PPM	%

<	.50	11.27
	.54	7.67
	.62	11.03
	.70	14.15
	.78	14.87
	.86	9.35
	.94	0.00
	1.02	10.07
	1.10	6.95
	1.18	4.32
	1.26	3.12
	1.34	0.00
	1.42	1.92
	1.50	1.68
	1.58	.96
	1.66	.72
	1.74	0.00
	1.82	.48
	1.90	.24
	1.98	0.00
	2.06	0.00
>	2.00	1.20



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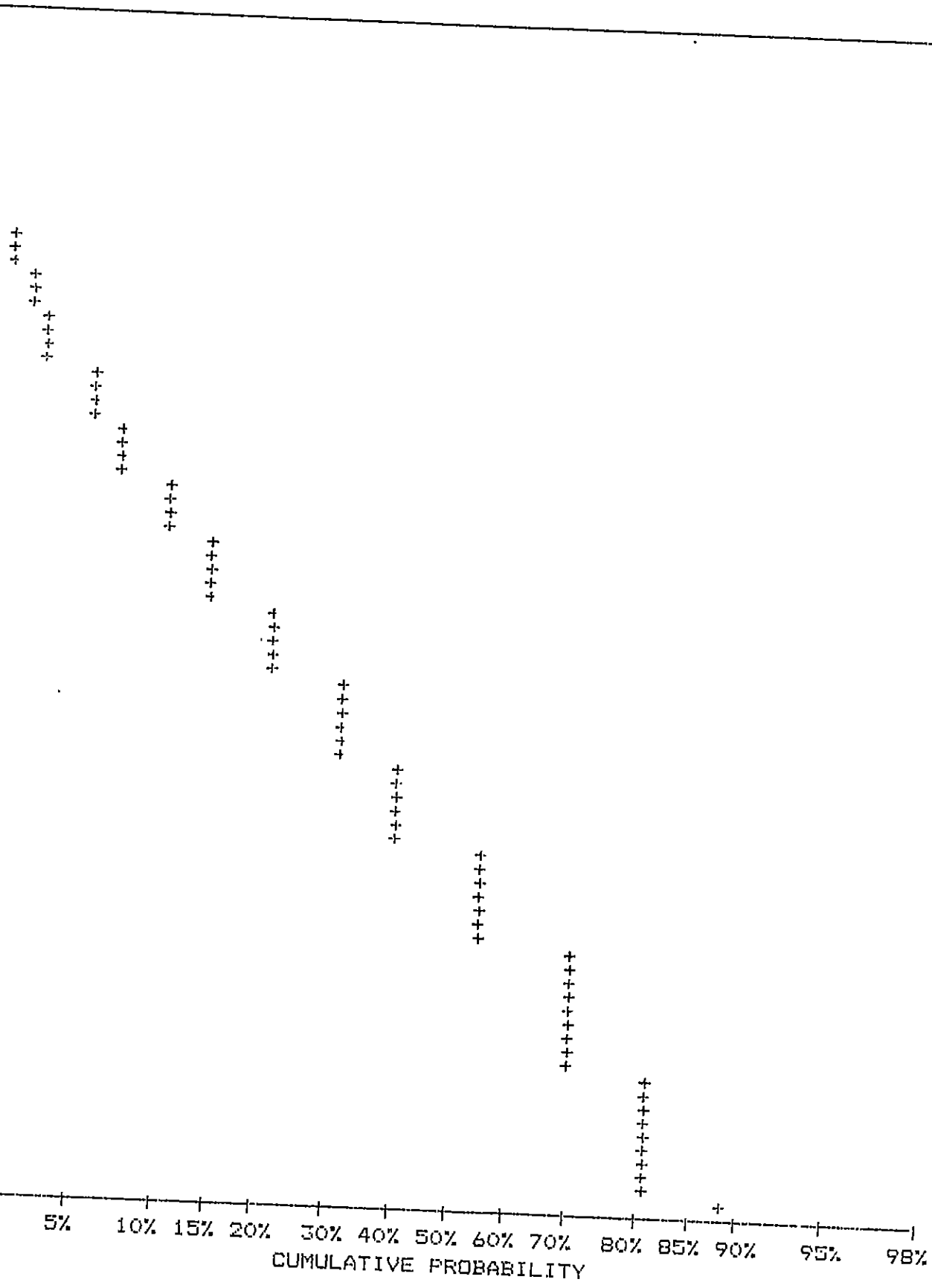
TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

CUMMULATIVE PROBABILITY PLOT ON AG

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
2.10	.96
2.03	1.20
1.95	1.44
1.88	1.68
1.82	1.68
1.75	2.16
1.69	2.88
1.63	2.88
1.57	3.84
1.51	3.84
1.46	5.52
1.40	5.52
1.35	7.43
1.30	7.43
1.26	10.55
1.21	10.55
1.17	14.87
1.12	14.87
1.08	21.82
1.04	21.82
1.01	21.82
.97	31.89
.94	31.89
.90	31.89
.87	41.25
.84	41.25
.81	41.25
.78	56.12
.75	56.12
.72	56.12
.70	70.26
.67	70.26
.65	70.26
.62	70.26
.60	70.26
.58	81.29
.56	81.29
.54	81.29
.52	81.29
.50	88.73



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TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

-30-

STATISTICAL SUMMARY ON AS

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

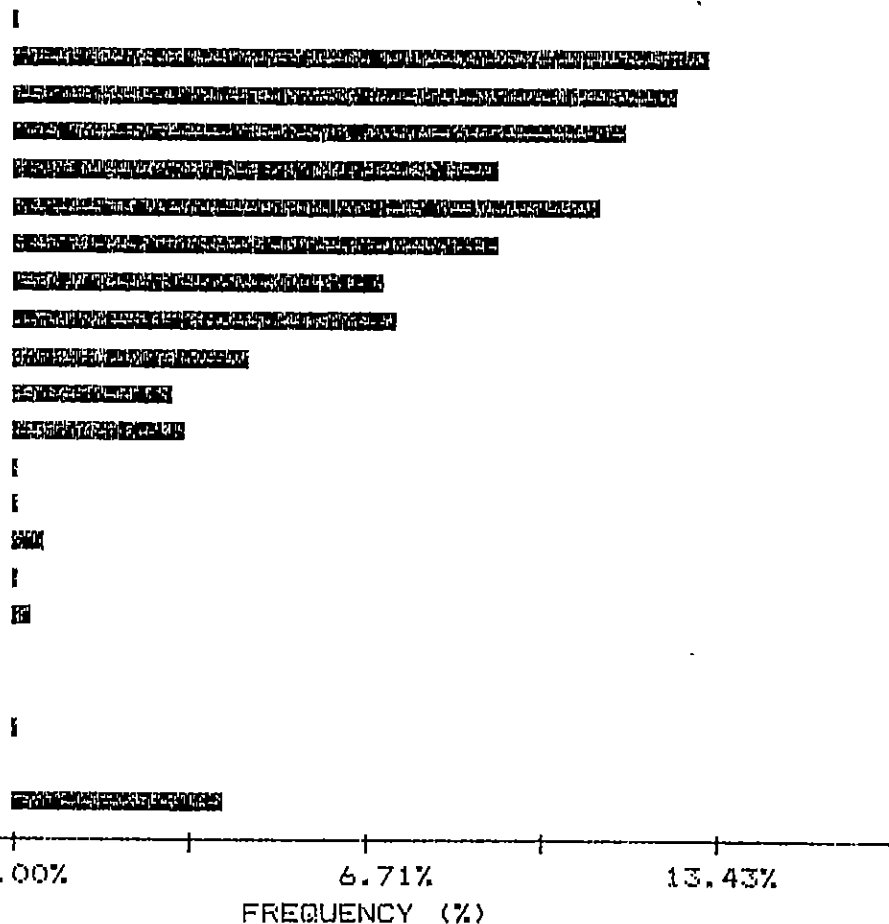
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 882.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 19.46 PPM
 STD. DEVIATION: 50.30 PPM
 COEFF. OF VARIATION: 2.58

5 HIGHEST AS VALUES:
 L9W 1450S 882 PPM
 L25W 775S 285 PPM
 L11W 1425S 231 PPM
 L7W 1950S 219 PPM
 L25W 800S 198 PPM

HISTOGRAM FOR AS

CLASS INTERVAL = 2.7

MID CLASS	CLASS
PPM	%
< 1.00	.24
2.35	13.43
5.05	12.71
7.75	11.75
10.45	9.35
13.15	11.27
15.85	9.35
18.55	7.19
21.25	7.43
23.95	4.56
26.65	3.12
29.35	3.36
32.05	.24
34.75	.24
37.45	.72
40.15	.24
42.85	.48
45.55	0.00
48.25	0.00
50.95	.24
53.65	0.00
> 55.00	4.08



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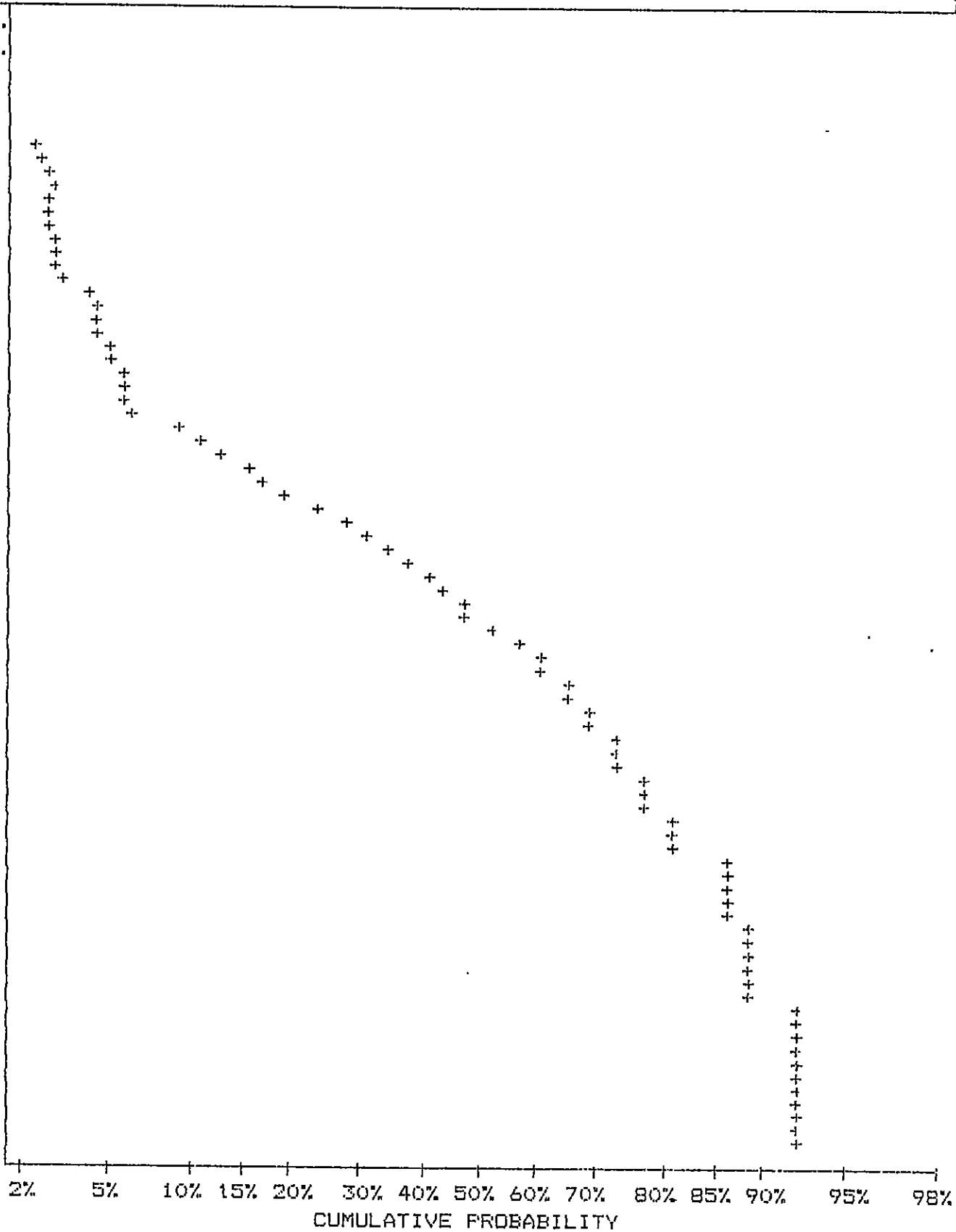
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AS

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
127.64	1.68
112.72	1.92
99.54	2.40
87.90	2.88
77.63	3.12
68.55	3.36
60.53	3.36
53.46	4.32
47.21	4.56
41.69	5.04
36.81	6.00
32.51	6.24
28.71	9.35
25.35	12.95
22.39	17.51
19.77	24.94
17.46	32.13
15.42	38.37
13.61	44.60
12.02	48.44
10.62	57.55
9.38	62.11
8.28	65.71
7.31	69.78
6.46	73.86
5.70	77.22
5.04	77.22
4.45	81.06
3.93	86.57
3.47	86.57
3.06	86.57
2.70	88.73
2.39	88.73
2.11	88.73
1.86	92.33
1.64	92.33
1.45	92.33
1.28	92.33
1.13	92.33
1.00	99.76



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TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

-32-

STATISTICAL SUMMARY ON BI

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: J.C.P.

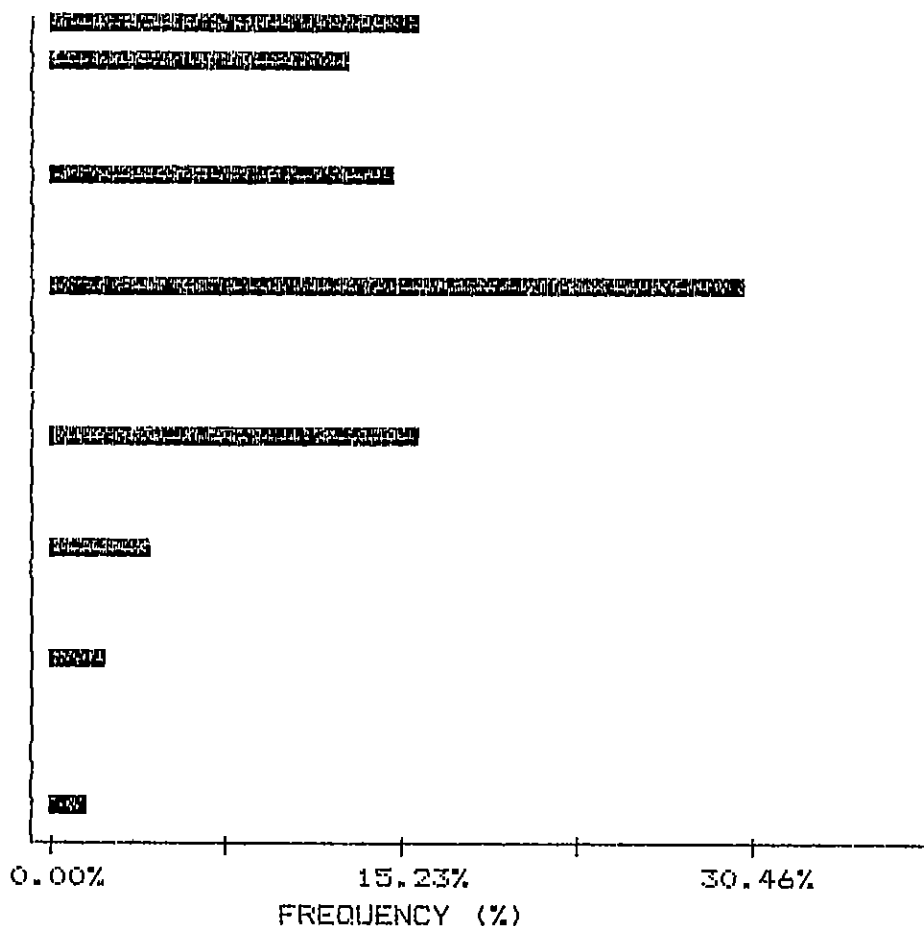
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 14.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 3.56 PPM
 STD. DEVIATION: 1.79 PPM
 COEFF. OF VARIATION: .50

5 HIGHEST BI VALUES:
 L23W 525S 14 PPM
 L9W 1450S 11 PPM
 L11W 1600S 10 PPM
 L23W 700S 9 PPM
 L21W 1925S 9 PPM

HISTOGRAM FOR BI CLASS INTERVAL = .3

MID CLASS	CLASS
PPM	%

<	2.00	16.07
	2.15	13.19
	2.45	0.00
	2.75	0.00
	3.05	15.11
	3.35	0.00
	3.65	0.00
	3.95	30.46
	4.25	0.00
	4.55	0.00
	4.85	0.00
	5.15	16.07
	5.45	0.00
	5.75	0.00
	6.05	4.56
	6.35	0.00
	6.65	0.00
	6.95	2.64
	7.25	0.00
	7.55	0.00
	7.85	0.00
>	8.00	1.92



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON BI

COMPANY: TERRANE RESOURCES MGMT

DATE: JUNE 24/87

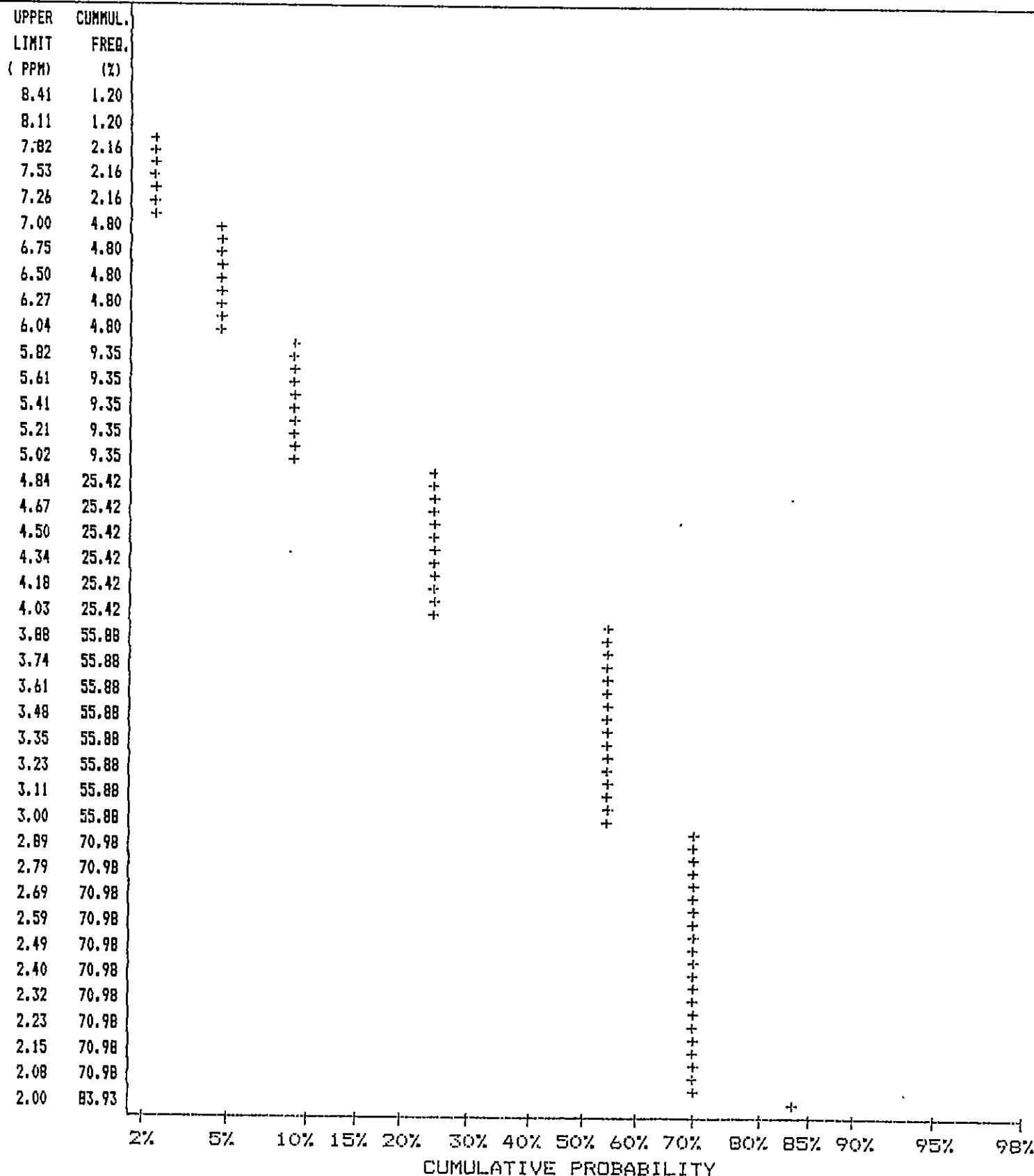
ATTN: C. J. WESTERMAN

SAMPLE TYPE: SOILS

PROJECT: 8706 HAIDA

ANALYSIS TYPE: I.C.P.

FILE#: 7-595



STATISTICAL SUMMARY ON CO

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

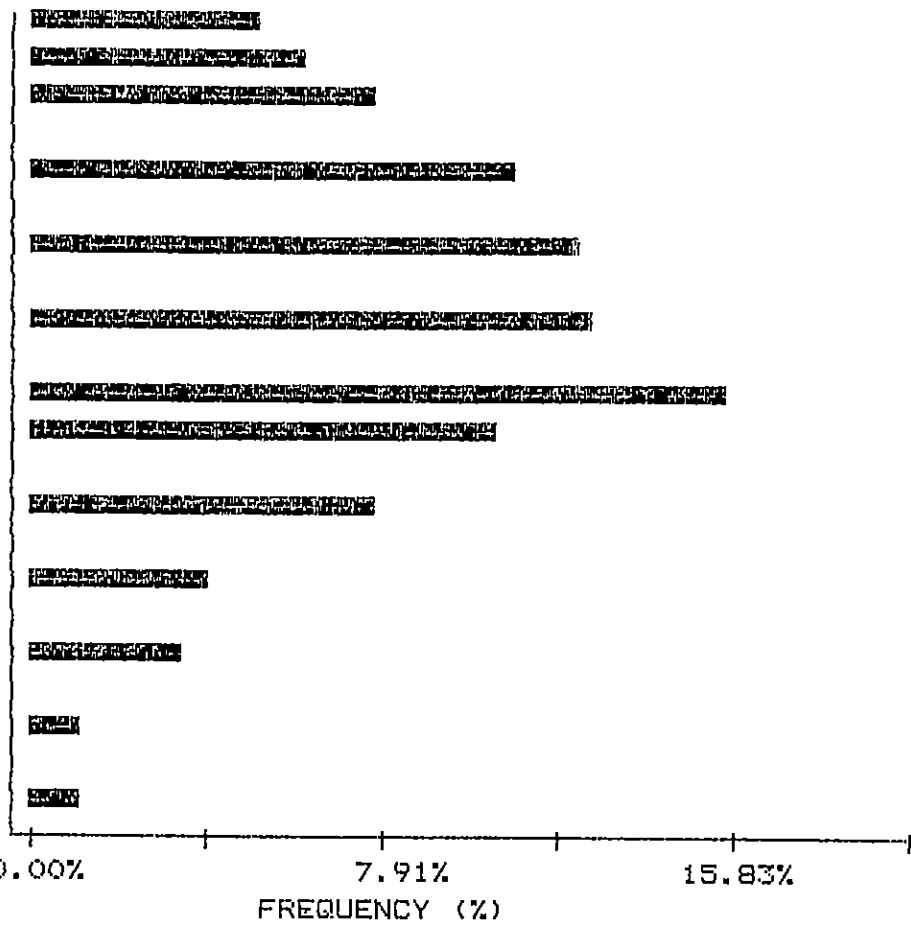
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 96.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 9.22 PPM
 STD. DEVIATION: 5.16 PPM
 COEFF. OF VARIATION: .56

5 HIGHEST CO VALUES:
 L9W 1450S 96 PPM
 L23W 525S 26 PPM
 L27W 350S 18 PPM
 L13W 1600S 16 PPM
 L17W 1750S 16 PPM

HISTOGRAM FOR CO CLASS INTERVAL = .55

MID CLASS PPM	CLASS %
---------------	---------

<	5.00	5.28
	5.28	6.24
	5.83	7.91
	6.38	0.00
	6.93	11.03
	7.48	0.00
	8.03	12.47
	8.58	0.00
	9.13	12.71
	9.68	0.00
	10.23	15.83
	10.78	10.55
	11.33	0.00
	11.88	7.91
	12.43	0.00
	12.98	4.08
	13.53	0.00
	14.08	3.60
	14.63	0.00
	15.18	1.20
	15.73	0.00
>	16.00	1.20



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7H 1T2

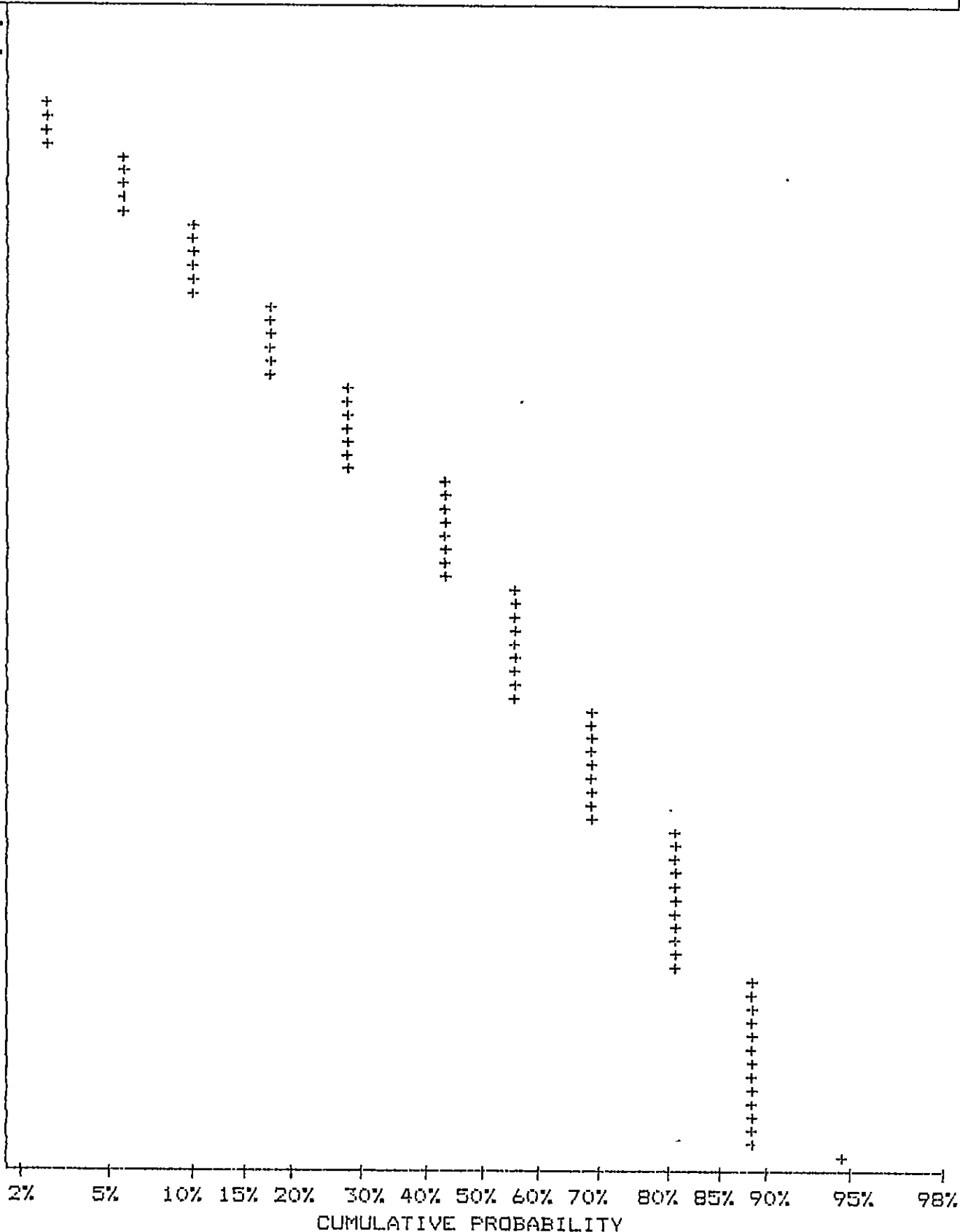
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON CO

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
14.69	2.64
14.29	2.64
13.90	6.24
13.52	6.24
13.15	6.24
12.79	10.31
12.44	10.31
12.10	10.31
11.77	18.23
11.45	18.23
11.14	18.23
10.84	28.78
10.54	28.78
10.25	28.78
9.97	44.60
9.70	44.60
9.44	44.60
9.18	44.60
8.93	57.31
8.69	57.31
8.45	57.31
8.22	57.31
8.00	57.31
7.78	69.78
7.57	69.78
7.36	69.78
7.16	69.78
6.96	80.82
6.78	80.82
6.59	80.82
6.41	80.82
6.23	80.82
6.06	80.82
5.90	88.73
5.74	88.73
5.58	88.73
5.43	88.73
5.28	88.73
5.14	88.73
5.00	94.72



STATISTICAL SUMMARY ON CU

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

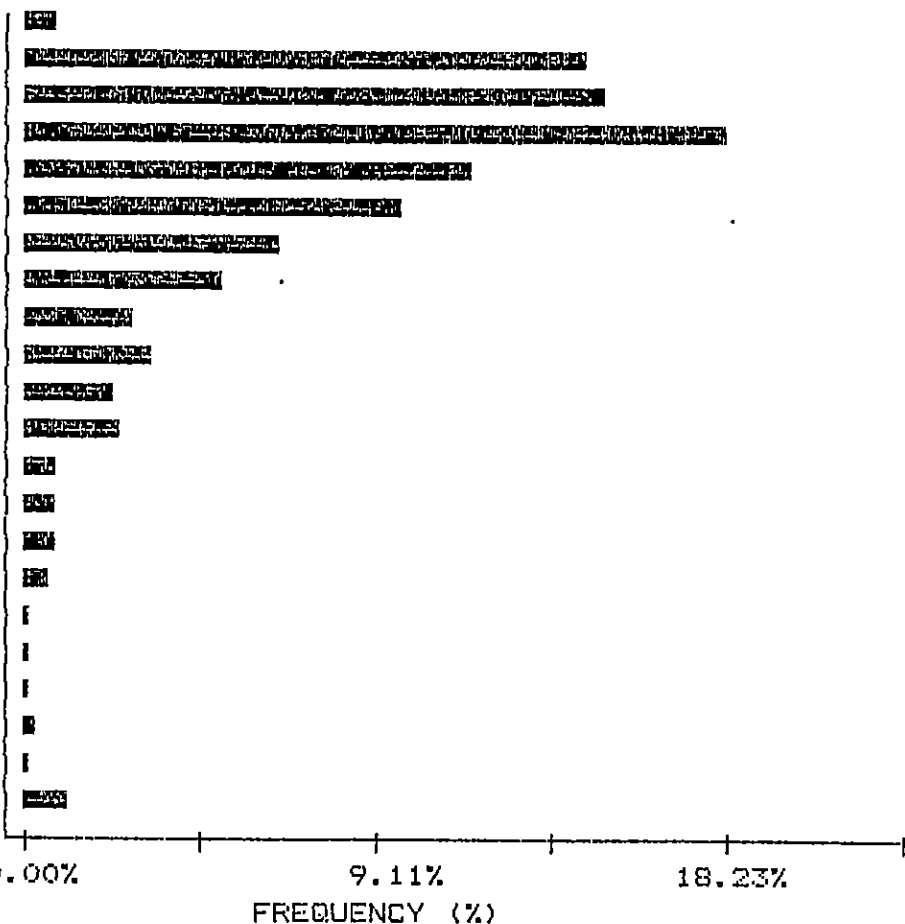
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 397.00 PPM
 MINIMUM VALUE: 9.00 PPM
 MEAN: 56.74 PPM
 STD. DEVIATION: 46.83 PPM
 COEFF. OF VARIATION: .83

5 HIGHEST CU VALUES:
 L23W 525S 397 PPM
 L11W 1550S 289 PPM
 L17W 1750S 289 PPM
 L23W 500S 284 PPM
 L9W 1450S 229 PPM

HISTOGRAM FOR CU CLASS INTERVAL = 10.65

MID CLASS PPM	CLASS %
---------------	---------

< 10.00	.96
15.32	14.63
25.97	15.11
36.62	18.23
47.27	11.75
57.92	9.83
68.57	6.71
79.22	5.28
89.87	2.88
100.52	3.36
111.17	2.40
121.82	2.64
132.47	.96
143.12	.96
153.77	.96
164.42	.72
175.07	.24
185.72	.24
196.37	.24
207.02	.48
217.67	.24
> 223.00	1.20



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON CU

COMPANY: TERRANE RESOURCES MGMT

DATE: JUNE 24/87

ATTN: C. J. WESTERMAN

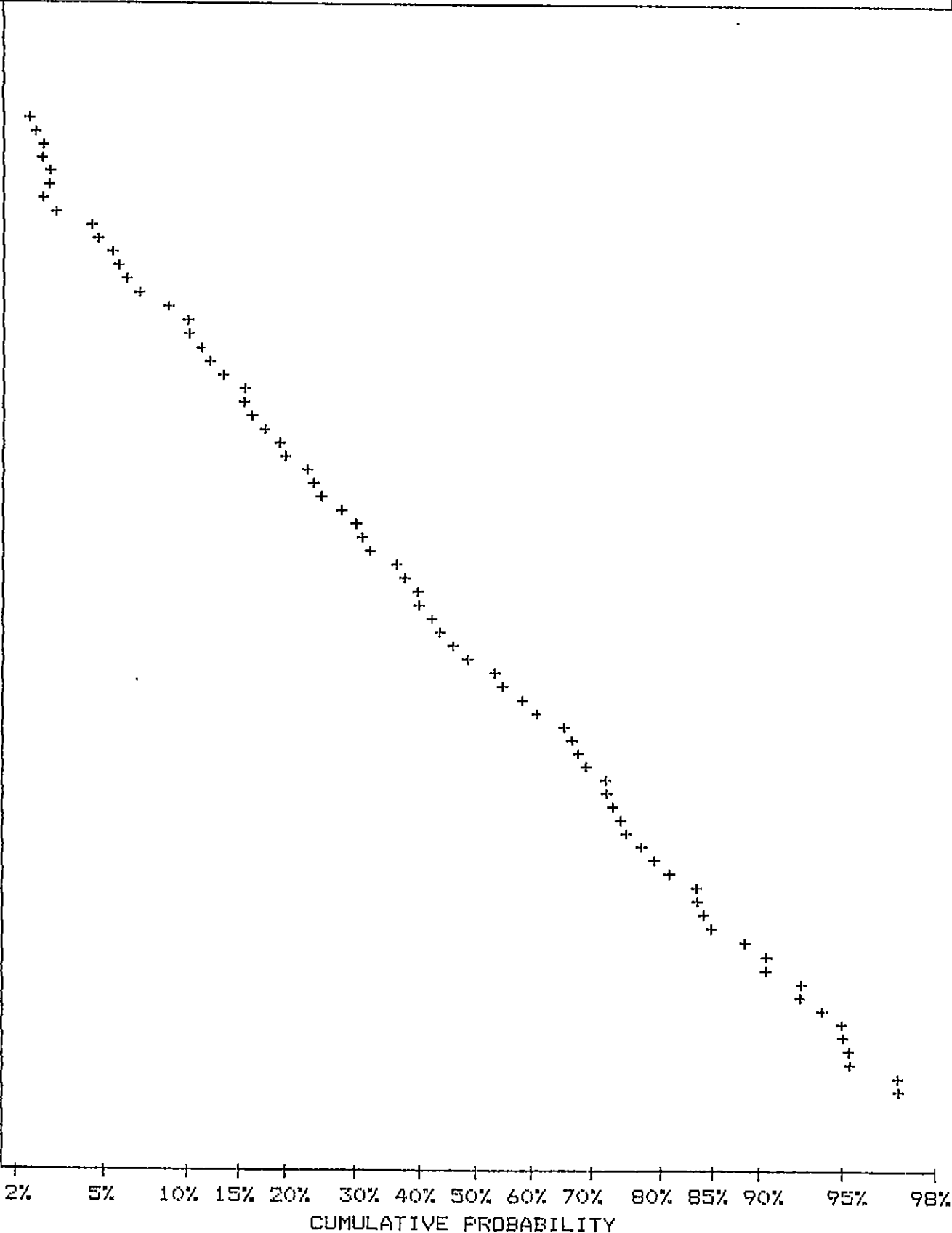
SAMPLE TYPE: SOILS

PROJECT: 8706 HAIDA

ANALYSIS TYPE: I.C.P.

FILE#: 7-595

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
211.84	1.68
195.88	2.40
181.13	2.64
167.49	2.88
154.88	3.60
143.22	4.80
132.43	6.00
122.46	7.43
113.24	10.31
104.71	11.75
96.83	14.15
89.54	16.07
82.79	18.23
76.56	20.86
70.79	24.70
65.46	28.06
60.53	32.13
55.98	36.69
51.76	40.05
47.86	43.41
44.26	46.76
40.93	54.44
37.84	59.95
34.99	65.71
32.36	68.11
29.92	72.42
27.67	73.38
25.59	75.54
23.66	79.14
21.88	83.93
20.23	84.65
18.71	88.97
17.30	90.65
16.00	92.57
14.79	95.20
13.68	95.44
12.65	96.88
11.69	98.08
10.81	98.56
10.00	99.04



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

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705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON MD

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

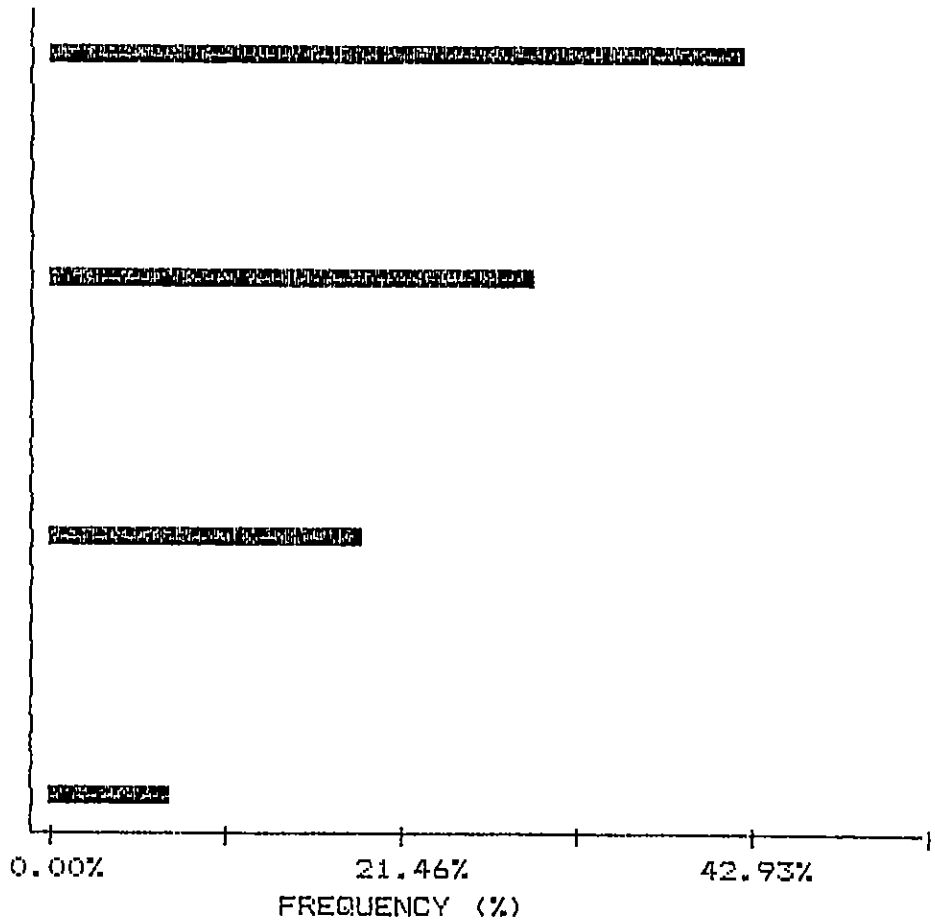
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 31.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 2.14 PPM
 STD. DEVIATION: 2.28 PPM
 COEFF. OF VARIATION: 1.07

5 HIGHEST MD VALUES:
 L23W 675S 31 PPM
 L23W 700S 22 PPM
 L19W 1975S 16 PPM
 L19W 2000S 16 PPM
 L19W 1950S 10 PPM

HISTOGRAM FOR MD CLASS INTERVAL = .15

MID CLASS PPM	CLASS %
---------------	---------

<	1.00	.24
	1.08	42.93
	1.23	0.00
	1.38	0.00
	1.53	0.00
	1.68	0.00
	1.83	0.00
	1.98	29.74
	2.13	0.00
	2.28	0.00
	2.43	0.00
	2.58	0.00
	2.73	0.00
	2.88	0.00
	3.03	19.42
	3.18	0.00
	3.33	0.00
	3.48	0.00
	3.63	0.00
	3.78	0.00
	3.93	0.00
>	4.00	7.67



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

-39-

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

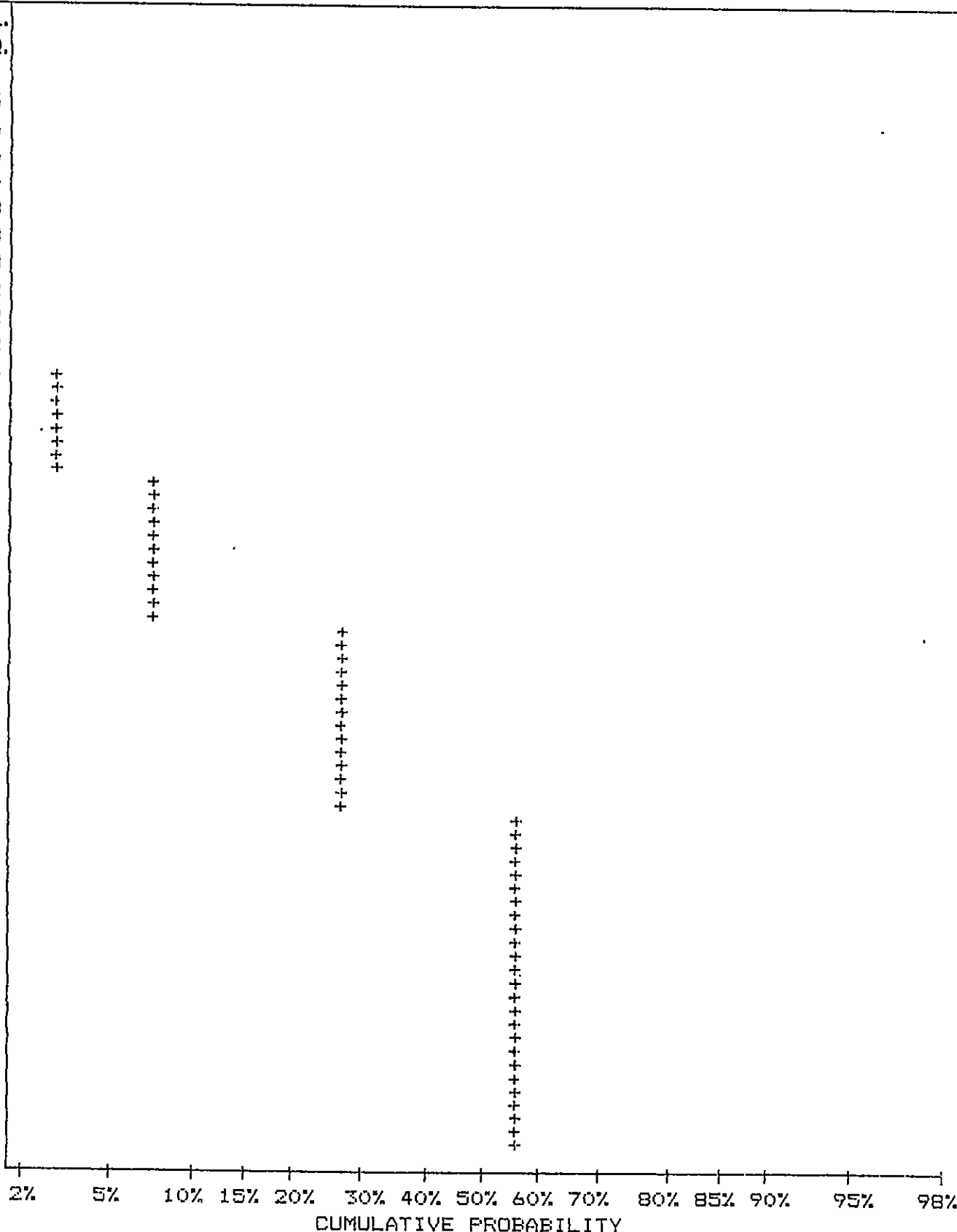
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON MO

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
8.63	1.44
8.17	1.44
7.73	1.44
7.31	1.44
6.92	1.68
6.55	1.68
6.19	1.68
5.86	1.92
5.55	1.92
5.25	1.92
4.97	2.88
4.70	2.88
4.45	2.88
4.21	2.88
3.98	7.91
3.77	7.91
3.57	7.91
3.37	7.91
3.19	7.91
3.02	7.91
2.86	27.34
2.70	27.34
2.56	27.34
2.42	27.34
2.29	27.34
2.17	27.34
2.05	27.34
1.94	57.07
1.84	57.07
1.74	57.07
1.64	57.07
1.56	57.07
1.47	57.07
1.39	57.07
1.32	57.07
1.25	57.07
1.18	57.07
1.12	57.07
1.06	57.07
1.00	99.76



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

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STATISTICAL SUMMARY ON NI

COMPANY: TERRANE RESOURCES MGMT

ATTN: C. J. WESTERMAN

PROJECT: 8706 HAIDA

FILE#: 7-595

DATE: JUNE 24/87

SAMPLE TYPE: SOILS

ANALYSIS TYPE: I.C.P.

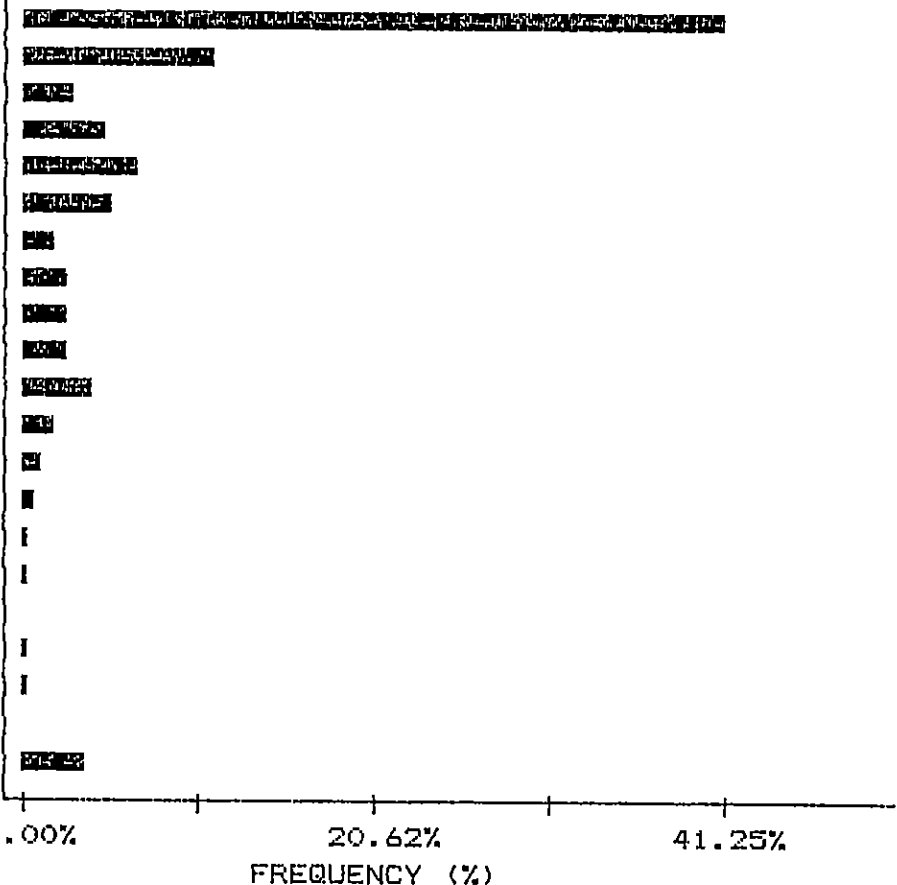
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 334.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 12.01 PPM
 STD. DEVIATION: 21.52 PPM
 COEFF. OF VARIATION: 1.79

5 HIGHEST NI VALUES:
 L27W 800S 334 PPM
 L17W 1750S 108 PPM
 L15W 1775S 96 PPM
 L13W 1600S 85 PPM
 L29W 525S 77 PPM

HISTOGRAM FOR NI CLASS INTERVAL = 2.2

MID CLASS PPM	CLASS %
---------------	---------

<	1.00	.24
	2.10	41.25
	4.30	11.51
	6.50	3.36
	8.70	5.04
	10.90	6.95
	13.10	5.52
	15.30	2.16
	17.50	2.88
	19.70	2.88
	21.90	2.88
	24.10	4.32
	26.30	1.92
	28.50	1.20
	30.70	.96
	32.90	.72
	35.10	.48
	37.30	.24
	39.50	.72
	41.70	.72
	43.90	0.00
>	45.00	4.08



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON NI

COMPANY: TERRANE RESOURCES MGMT

DATE: JUNE 24/87

ATTN: C. J. WESTERMAN

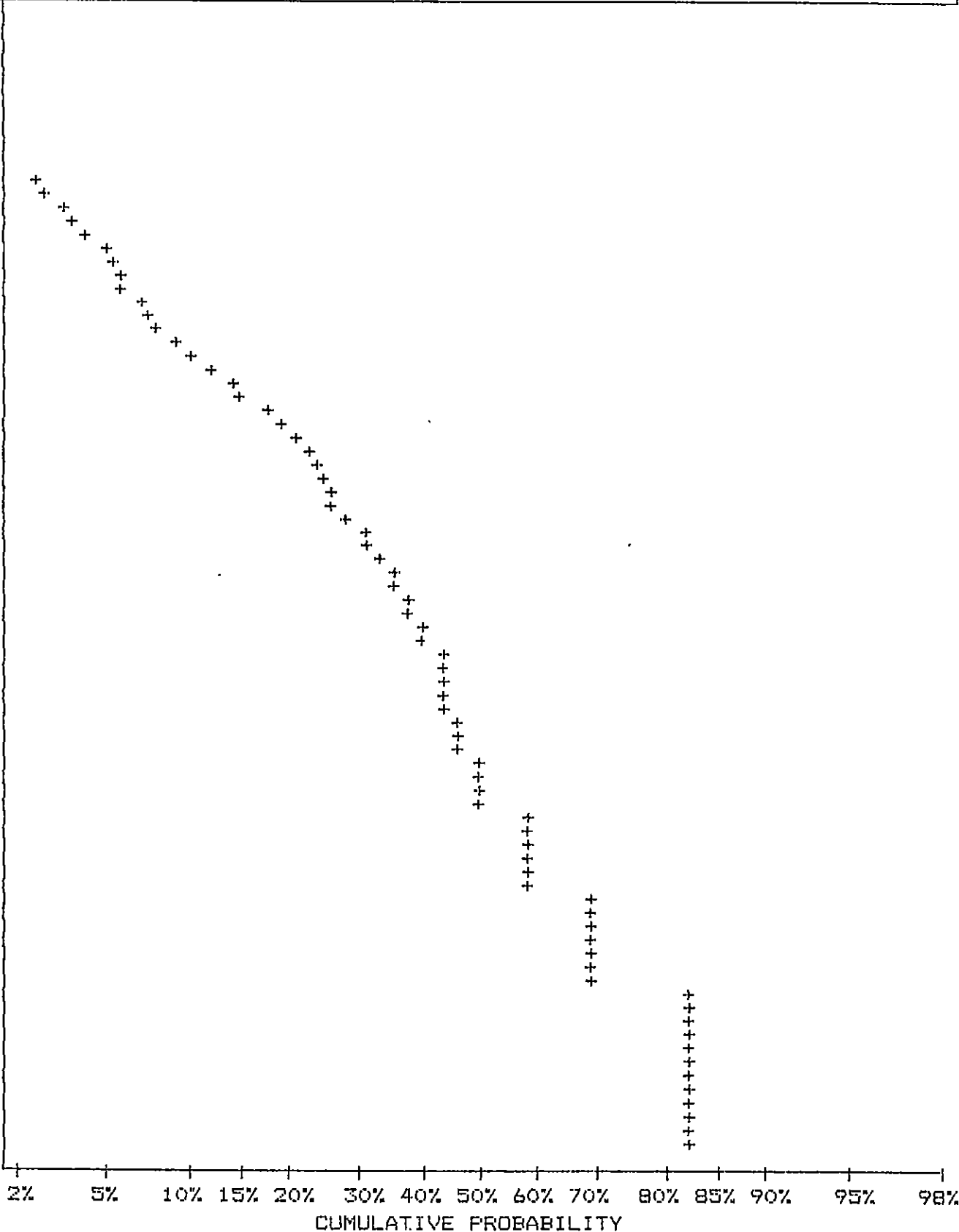
SAMPLE TYPE: SOILS

PROJECT: 8706 HAIDA

ANALYSIS TYPE: I.C.P.

FILE#: 7-595

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
74.47	1.44
66.68	1.68
59.70	1.92
53.46	2.40
47.86	3.84
42.86	4.32
38.37	5.76
34.36	6.24
30.76	7.67
27.54	9.35
24.66	12.71
22.08	15.59
19.77	19.90
17.70	23.02
15.85	25.18
14.19	26.38
12.71	31.89
11.38	33.81
10.19	36.21
9.12	38.85
8.17	40.05
7.31	43.88
6.55	44.60
5.86	47.24
5.25	47.24
4.70	50.36
4.21	50.36
3.77	58.75
3.37	58.75
3.02	58.75
2.70	69.78
2.42	69.78
2.17	69.78
1.94	82.25
1.74	82.25
1.56	82.25
1.39	82.25
1.25	82.25
1.12	82.25
1.00	99.76



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

STATISTICAL SUMMARY ON PB

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

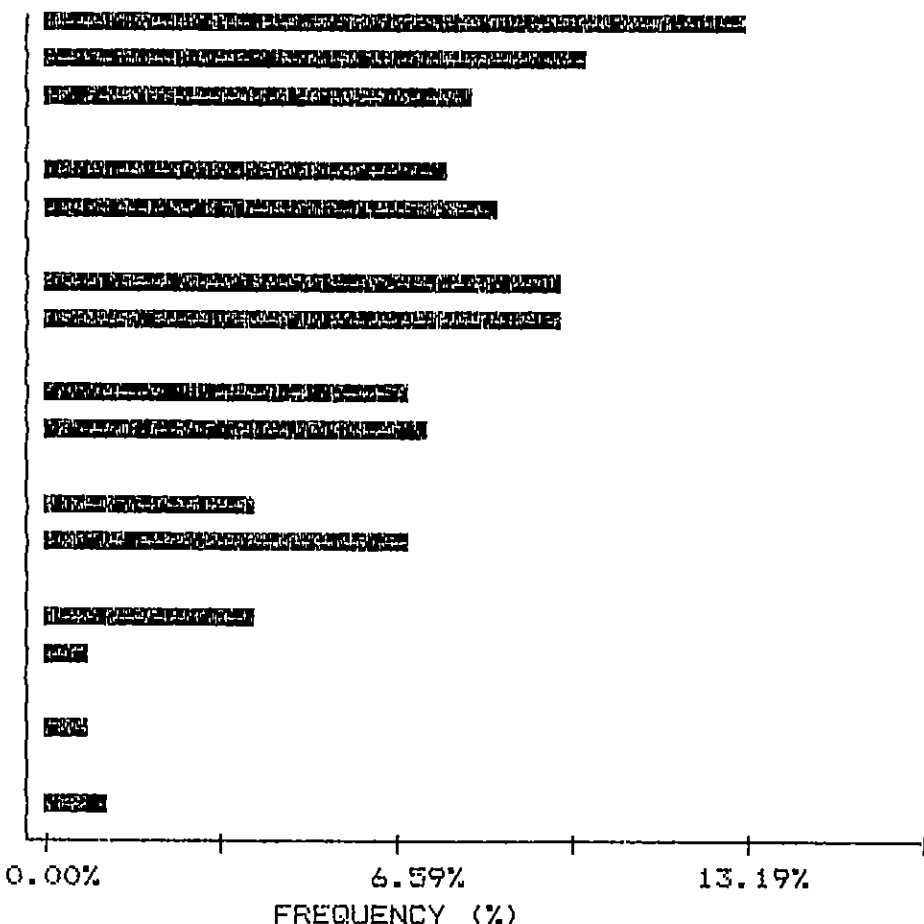
DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: J.C.P.

NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 43.00 PPM
 MINIMUM VALUE: 5.00 PPM
 MEAN: 11.00 PPM
 STD. DEVIATION: 4.19 PPM
 COEFF. OF VARIATION: .38

5 HIGHEST PB VALUES:
 L23W 700S 43 PPM
 L23W 500S 37 PPM
 L21W 950S 22 PPM
 L23W 1050S 22 PPM
 L15W 1950S 21 PPM

HISTOGRAM FOR PB CLASS INTERVAL = .65

MID CLASS PPM	CLASS %
< 7.00	13.19
7.32	10.31
7.97	8.15
8.62	0.00
9.27	7.67
9.92	8.63
10.57	0.00
11.22	9.83
11.87	9.83
12.52	0.00
13.17	6.95
13.82	7.19
14.47	0.00
15.12	4.08
15.77	6.95
16.42	0.00
17.07	4.08
17.72	.96
18.37	0.00
19.02	.96
19.67	0.00
> 20.00	1.20



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON PB

COMPANY: TERRANE RESOURCES MGMT

DATE: JUNE 24/87

ATTN: C. J. WESTERMAN

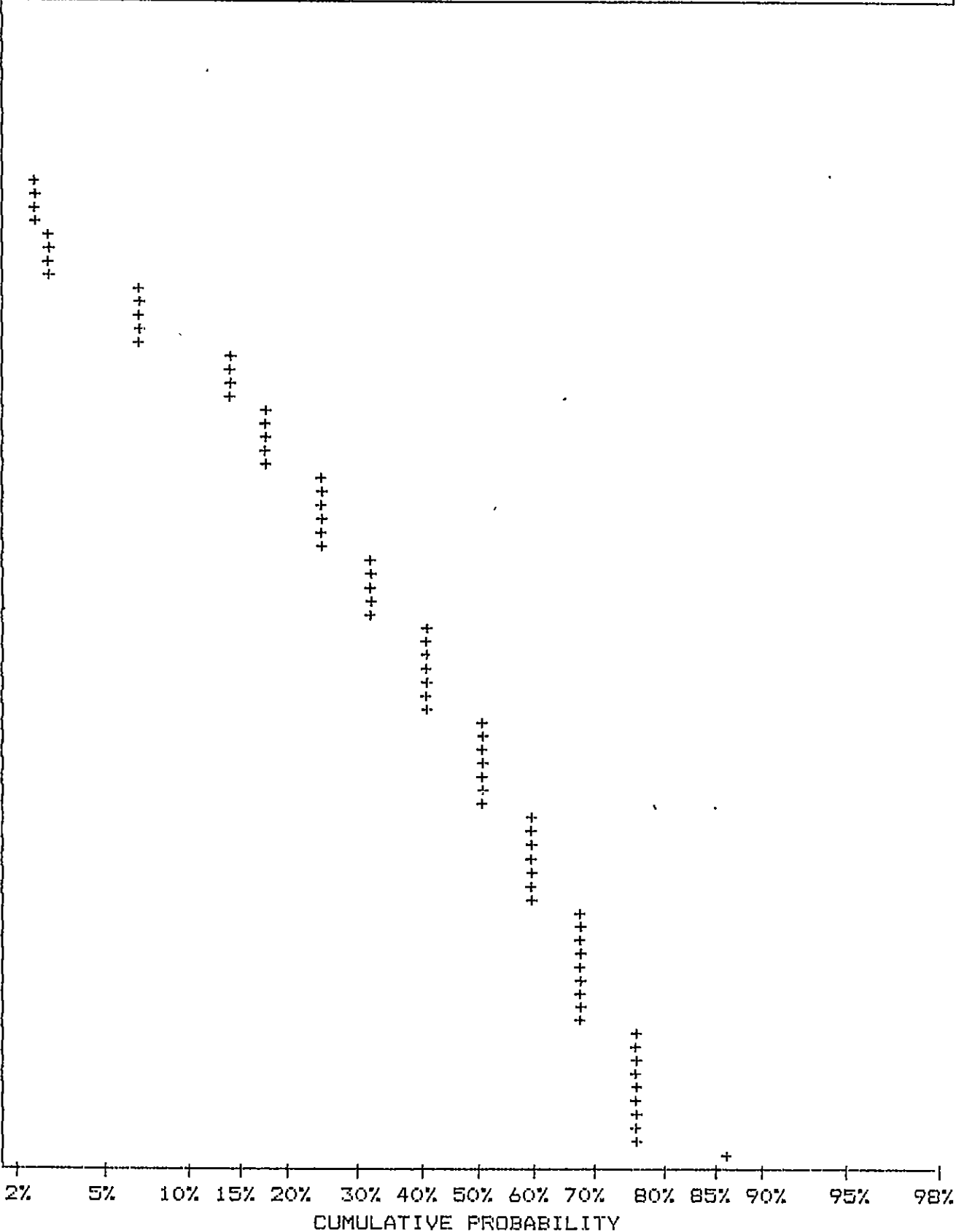
SAMPLE TYPE: SOILS

PROJECT: 8706 HAIDA

ANALYSIS TYPE: I.C.P.

FILE#: 7-595

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
20.57	1.20
20.01	1.20
19.46	1.44
18.93	2.40
18.41	2.40
17.91	3.36
17.42	3.36
16.95	7.43
16.48	7.43
16.04	7.43
15.60	14.39
15.18	14.39
14.76	18.47
14.36	18.47
13.96	25.66
13.59	25.66
13.22	25.66
12.86	32.61
12.50	32.61
12.17	32.61
11.83	42.45
11.51	42.45
11.20	42.45
10.89	52.28
10.60	52.28
10.30	52.28
10.02	52.28
9.75	60.91
9.48	60.91
9.23	60.91
8.97	68.59
8.73	68.59
8.49	68.59
8.26	68.59
8.04	68.59
7.82	76.74
7.60	76.74
7.40	76.74
7.20	76.74
7.00	86.81



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON SB

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

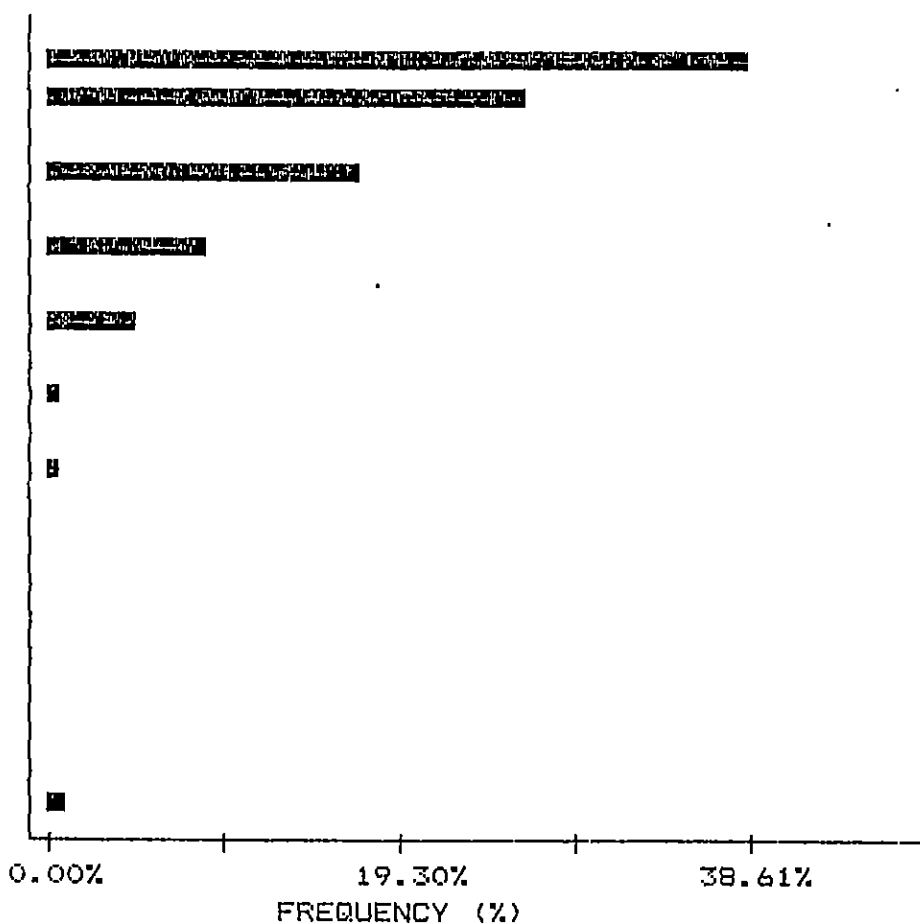
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 19.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 2.38 PPM
 STD. DEVIATION: 1.98 PPM
 COEFF. OF VARIATION: .83

5 HIGHEST SB VALUES:
 L23W 700S 19 PPM
 L23W 675S 16 PPM
 L9W 1450S 14 PPM
 L23W 525S 14 PPM
 L23W 550S 12 PPM

HISTOGRAM FOR SB CLASS INTERVAL = .5

MID CLASS PPM	CLASS %
---------------	---------

<	1.00	.24
	1.25	38.61
	1.75	26.62
	2.25	0.00
	2.75	17.27
	3.25	0.00
	3.75	9.11
	4.25	0.00
	4.75	5.04
	5.25	0.00
	5.75	.96
	6.25	0.00
	6.75	.96
	7.25	0.00
	7.75	0.00
	8.25	0.00
	8.75	0.00
	9.25	0.00
	9.75	0.00
	10.25	0.00
	10.75	0.00
>	11.00	1.20



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

-45-

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7K 1T2

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

CUMMULATIVE PROBABILITY PLOT ON SB

COMPANY: TERRANE RESOURCES MGMT

DATE: JUNE 24/87

ATTN: C. J. WESTERMAN

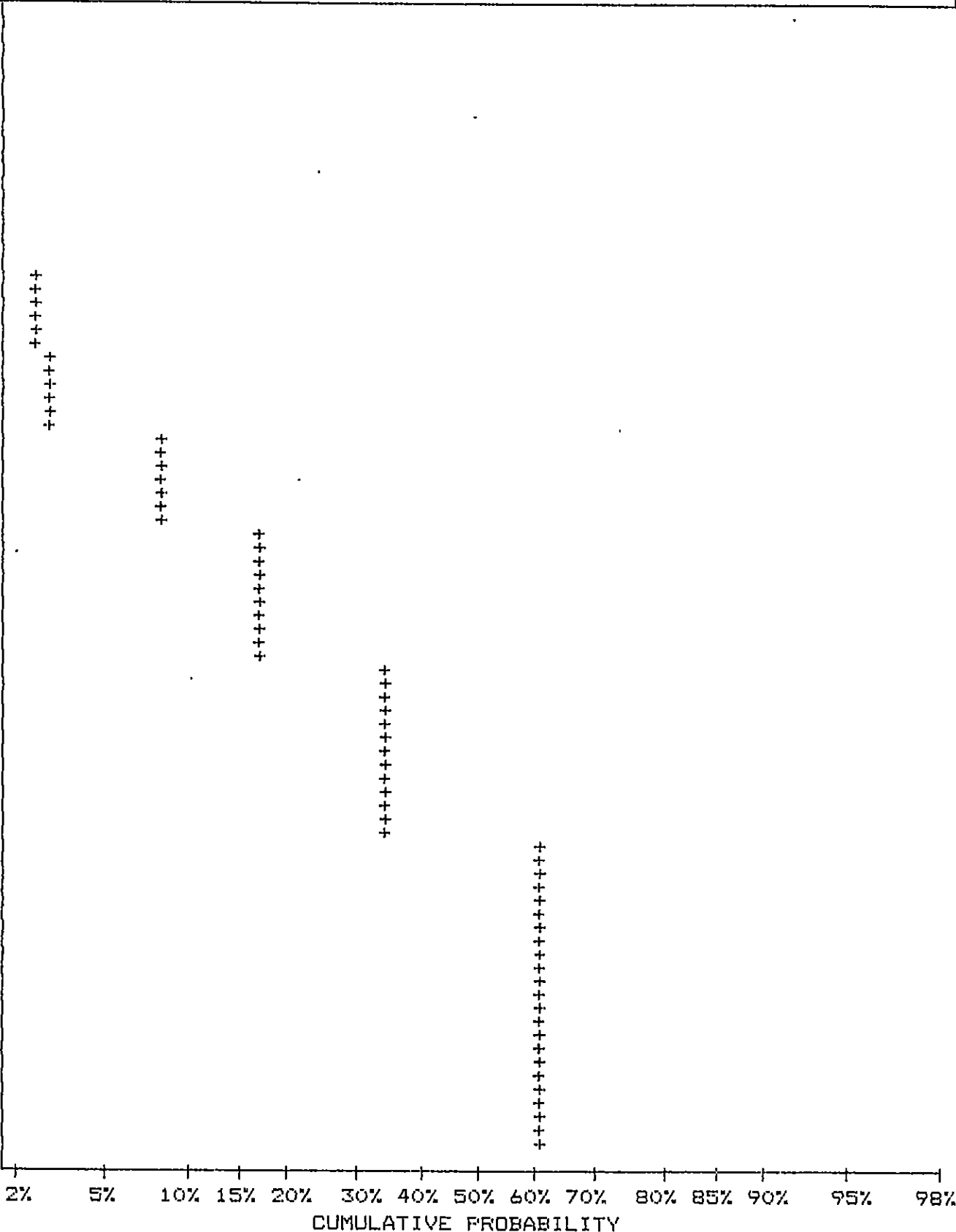
SAMPLE TYPE: SOILS

PROJECT: B706 HAIDA

ANALYSIS TYPE: I.C.F.

FILE#: 7-595

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
10.33	1.44
9.73	1.44
9.16	1.44
8.63	1.44
8.13	1.44
7.66	1.44
7.21	1.44
6.79	2.40
6.40	2.40
6.03	2.40
5.68	3.36
5.35	3.36
5.04	3.36
4.74	8.39
4.47	8.39
4.21	8.39
3.96	17.51
3.73	17.51
3.52	17.51
3.31	17.51
3.12	17.51
2.94	34.77
2.77	34.77
2.61	34.77
2.46	34.77
2.31	34.77
2.18	34.77
2.05	34.77
1.93	61.39
1.82	61.39
1.71	61.39
1.61	61.39
1.52	61.39
1.43	61.39
1.35	61.39
1.27	61.39
1.20	61.39
1.13	61.39
1.06	61.39
1.00	99.76



STATISTICAL SUMMARY ON ZN

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.F.

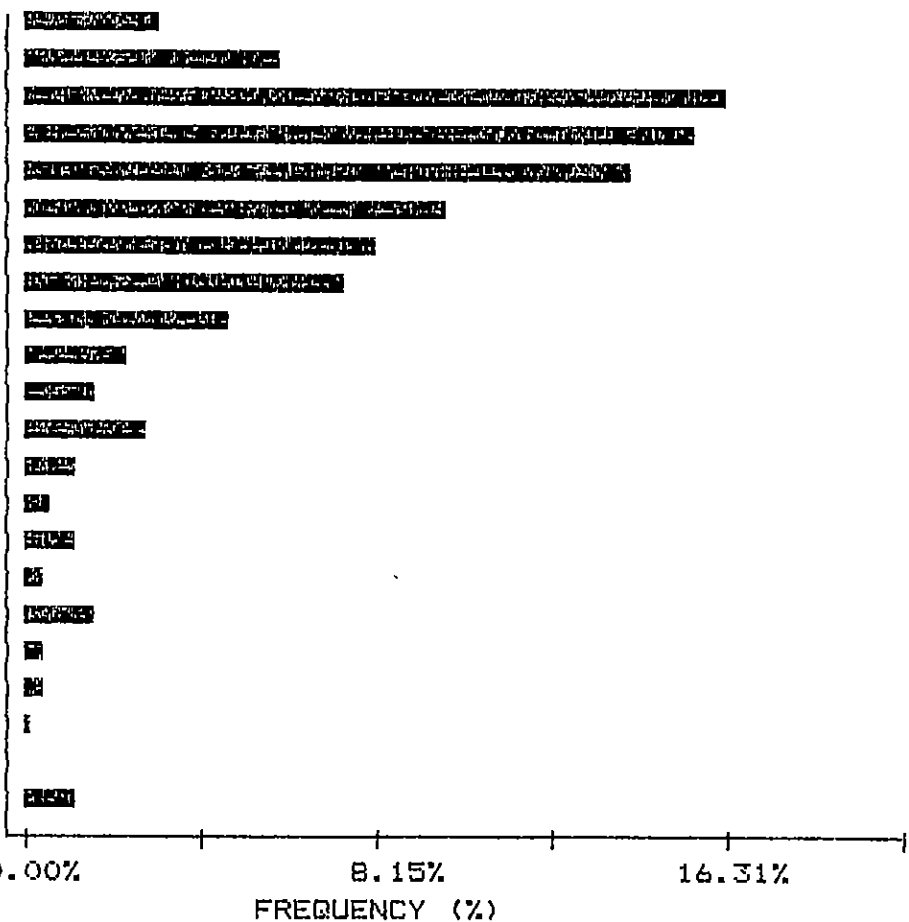
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 884.00 PPM
 MINIMUM VALUE: 22.00 PPM
 MEAN: 150.07 PPM
 STD. DEVIATION: 92.04 PPM
 COEFF. OF VARIATION: .61

5 HIGHEST ZN VALUES:
 L17W 1525S 884 PPM
 L15W 1775S 810 PPM
 L27W 800S 665 PPM
 L15W 1725S 632 PPM
 L11W 1475S 432 PPM

HISTOGRAM FOR ZN CLASS INTERVAL = 18.5

MID CLASS PPM	CLASS %
---------------	---------

< 59.00	3.12
68.25	6.00
86.75	16.31
105.25	15.59
123.75	14.15
142.25	9.83
160.75	8.15
179.25	7.43
197.75	4.80
216.25	2.40
234.75	1.68
253.25	2.88
271.75	1.20
290.25	.72
308.75	1.20
327.25	.48
345.75	1.68
364.25	.48
382.75	.48
401.25	.24
419.75	0.00
> 429.00	1.20



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

-47-

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

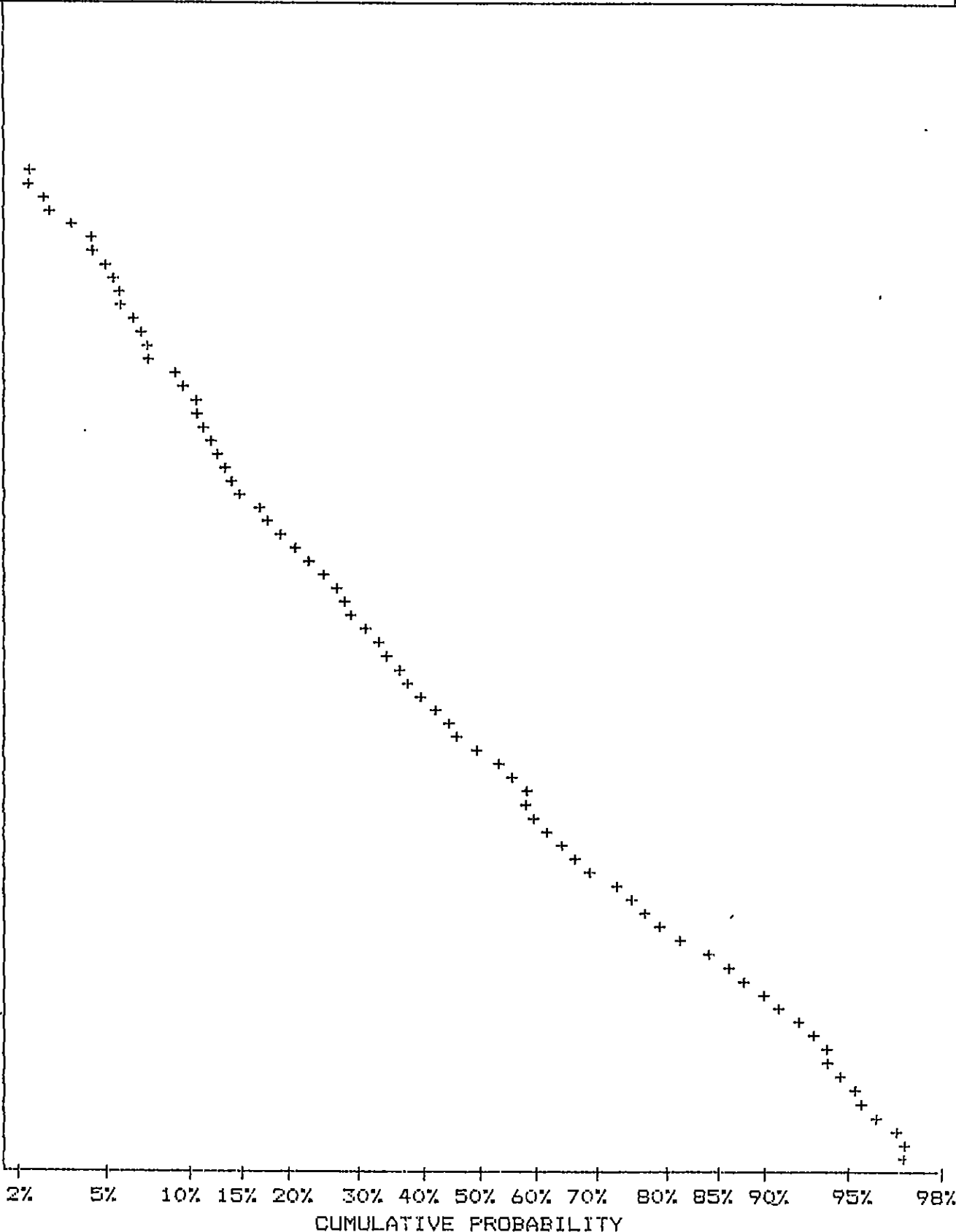
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON ZN

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
425.45	1.44
404.44	1.44
384.44	1.68
365.45	2.16
347.39	2.88
330.28	4.56
313.94	5.28
298.42	6.00
283.67	6.71
269.69	7.67
256.36	9.35
243.67	11.03
231.63	11.75
220.25	13.43
209.33	14.63
199.01	17.51
189.15	19.66
179.83	23.26
170.92	27.10
162.49	29.98
154.46	34.29
146.85	37.41
139.59	41.25
132.69	45.32
126.14	50.12
119.89	57.31
113.99	59.71
108.38	62.83
103.01	66.67
97.94	73.38
93.10	77.22
88.50	82.01
84.13	86.81
79.94	90.17
75.99	92.33
72.28	93.76
68.68	94.96
65.31	95.68
62.07	96.64
59.00	96.88



705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 DR (604)988-4524

STATISTICAL SUMMARY ON SN

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.F.

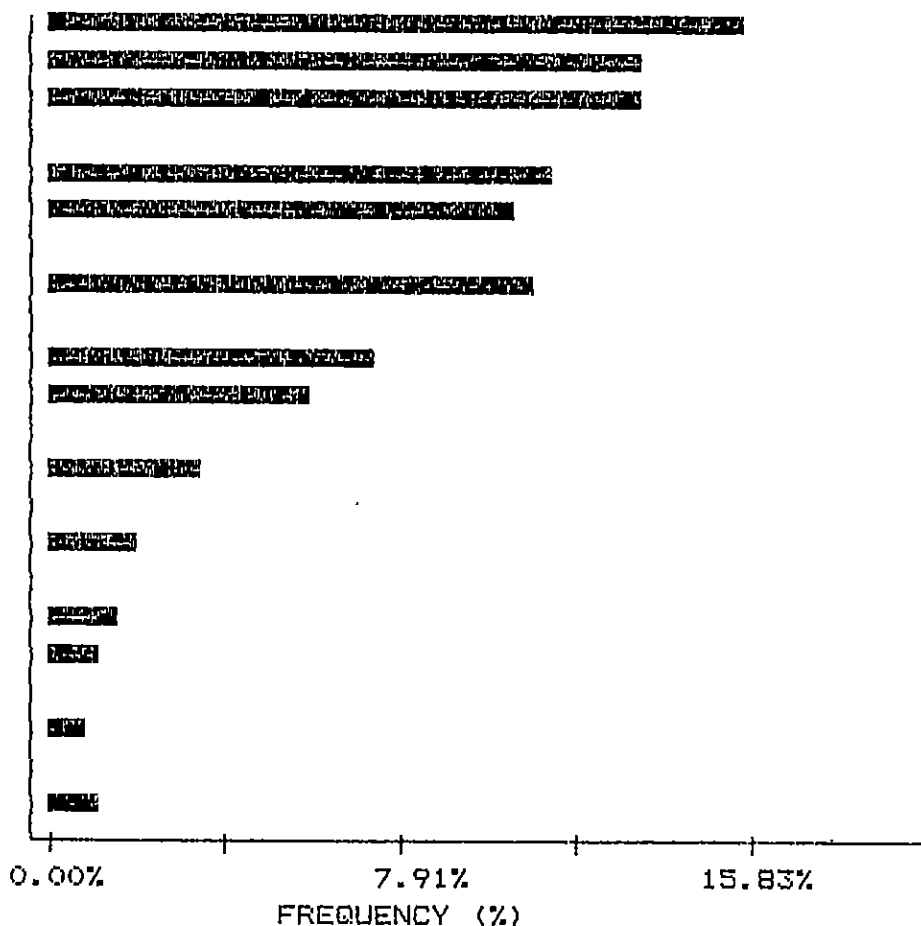
NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 16.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 4.68 PPM
 STD. DEVIATION: 3.09 PPM
 COEFF. OF VARIATION: .66

5 HIGHEST SN VALUES:
 L9W 1975S 16 PPM
 L9W 2125S 16 PPM
 L13W 1225S 15 PPM
 L9W 2075S 14 PPM
 L13W 1175S 14 PPM

HISTOGRAM FOR SN CLASS INTERVAL = .6

MID CLASS	CLASS
PPM	%

<	2.00	15.83
	2.30	13.43
	2.90	13.43
	3.50	0.00
	4.10	11.51
	4.70	10.55
	5.30	0.00
	5.90	11.03
	6.50	0.00
	7.10	7.43
	7.70	6.00
	8.30	0.00
	8.90	3.60
	9.50	0.00
	10.10	2.16
	10.70	0.00
	11.30	1.68
	11.90	1.20
	12.50	0.00
	13.10	.96
	13.70	0.00
>	14.00	1.20



CUMMULATIVE PROBABILITY PLOT ON SN

COMPANY: TERRANE RESOURCES MGMT

DATE: JUNE 24/87

ATTN: C. J. WESTERMAN

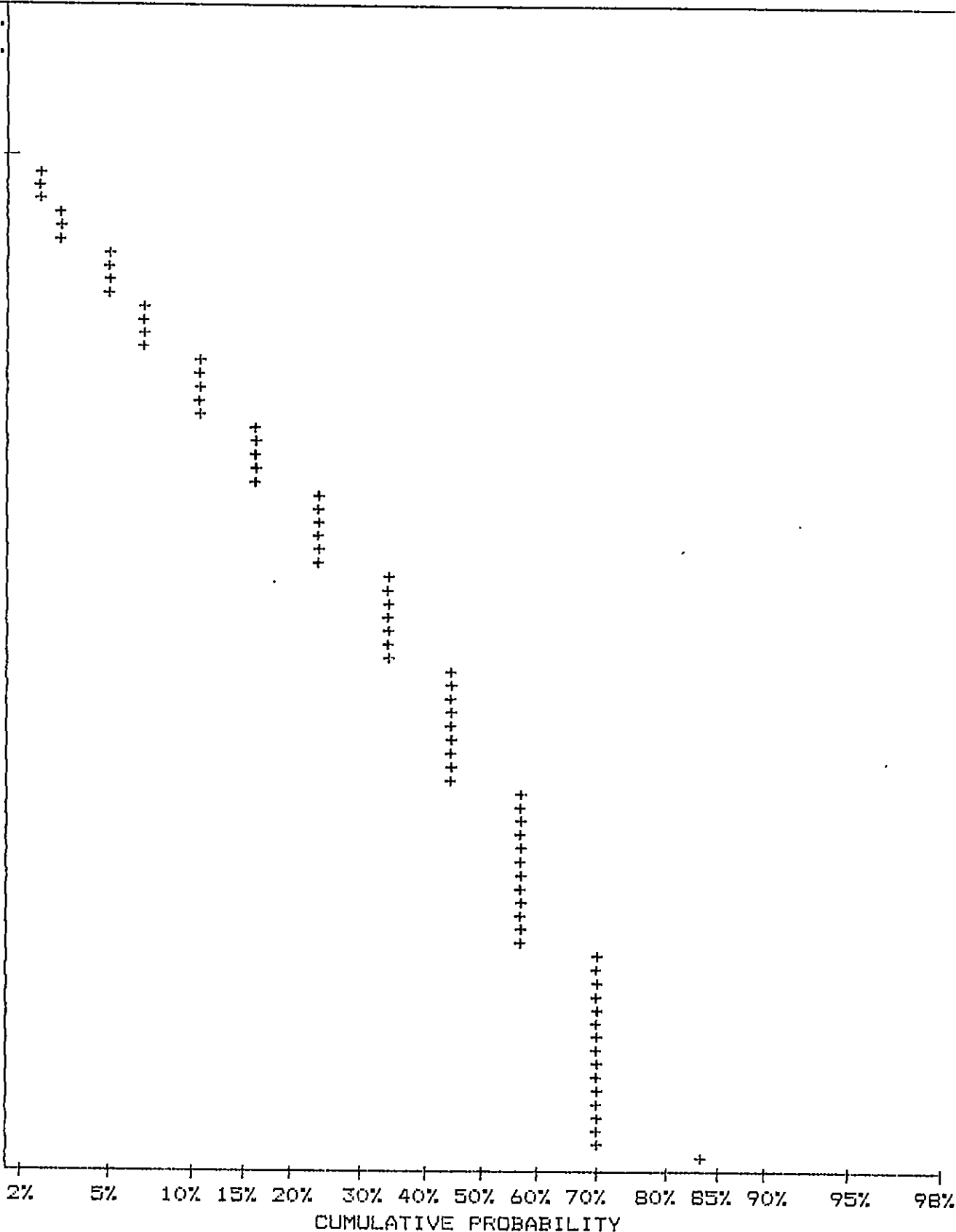
SAMPLE TYPE: SOILS

PROJECT: 8706 HAIDA

ANALYSIS TYPE: I.C.P.

FILE#: 7-595

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
14.42	.72
13.71	1.44
13.03	1.44
12.39	2.40
11.78	3.60
11.20	3.60
10.64	5.28
10.12	5.28
9.62	7.43
9.14	7.43
8.69	11.03
8.26	11.03
7.85	17.03
7.47	17.03
7.10	17.03
6.75	24.46
6.41	24.46
6.10	24.46
5.79	35.49
5.51	35.49
5.24	35.49
4.98	46.04
4.73	46.04
4.50	46.04
4.28	46.04
4.06	46.04
3.86	57.55
3.67	57.55
3.49	57.55
3.32	57.55
3.16	57.55
3.00	57.55
2.85	70.98
2.71	70.98
2.58	70.98
2.45	70.98
2.33	70.98
2.21	70.98
2.10	70.98
2.00	84.17



SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON CR

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. J. WESTERMAN
 PROJECT: 8706 HAIDA
 FILE#: 7-595

DATE: JUNE 24/87
 SAMPLE TYPE: SOILS
 ANALYSIS TYPE: I.C.P.

NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 110.00 PPM
 MINIMUM VALUE: 1.00 PPM
 MEAN: 21.84 PPM
 STD. DEVIATION: 18.40 PPM
 COEFF. OF VARIATION: .84

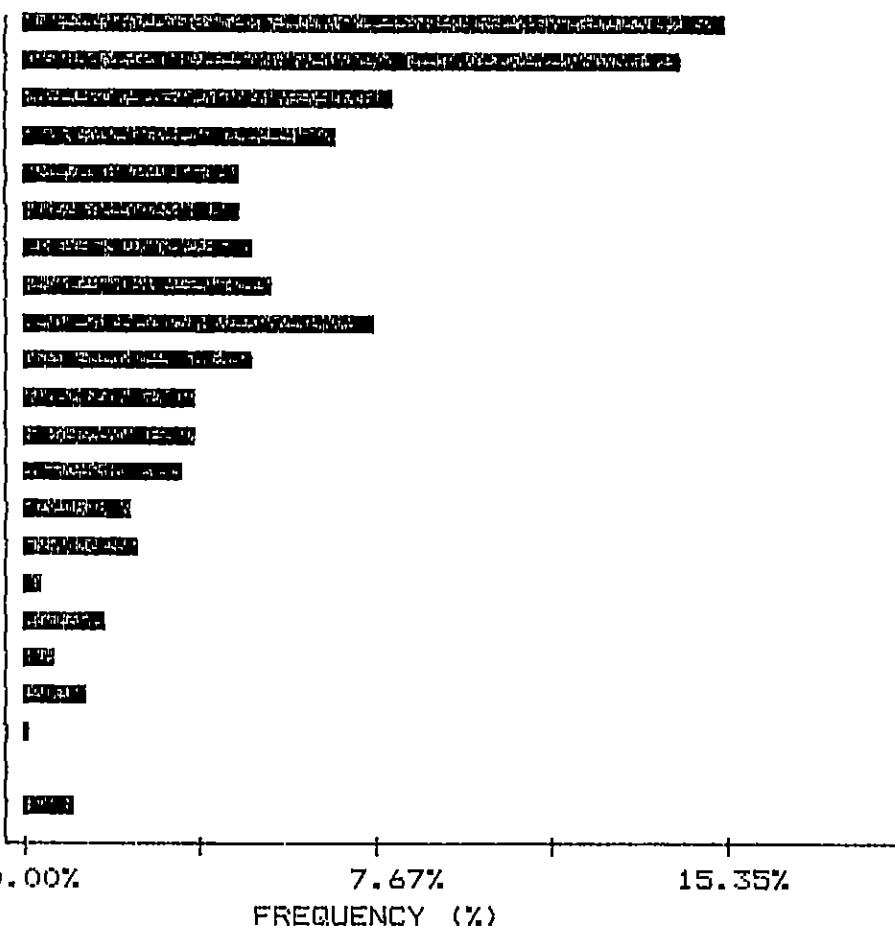
5 HIGHEST CR VALUES:
 L23W 775S 110 PPM
 L11W 1550S 89 PPM
 L21W 1050S 87 PPM
 L21W 1925S 84 PPM
 L25W 600S 83 PPM

HISTOGRAM FOR CR

CLASS INTERVAL = 3.4

MID CLASS PPM	CLASS %
---------------	---------

<	4.00	15.35
	5.70	14.39
	9.10	8.15
	12.50	6.95
	15.90	4.80
	19.30	4.80
	22.70	5.04
	26.10	5.52
	29.50	7.67
	32.90	5.04
	36.30	3.84
	39.70	3.84
	43.10	3.60
	46.50	2.40
	49.90	2.64
	53.30	.48
	56.70	1.92
	60.10	.72
	63.50	1.44
	66.90	.24
	70.30	0.00
>	72.00	1.20



705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON CR

COMPANY: TERRANE RESOURCES MGMT

DATE: JUNE 24/87

ATTN: C. J. WESTERMAN

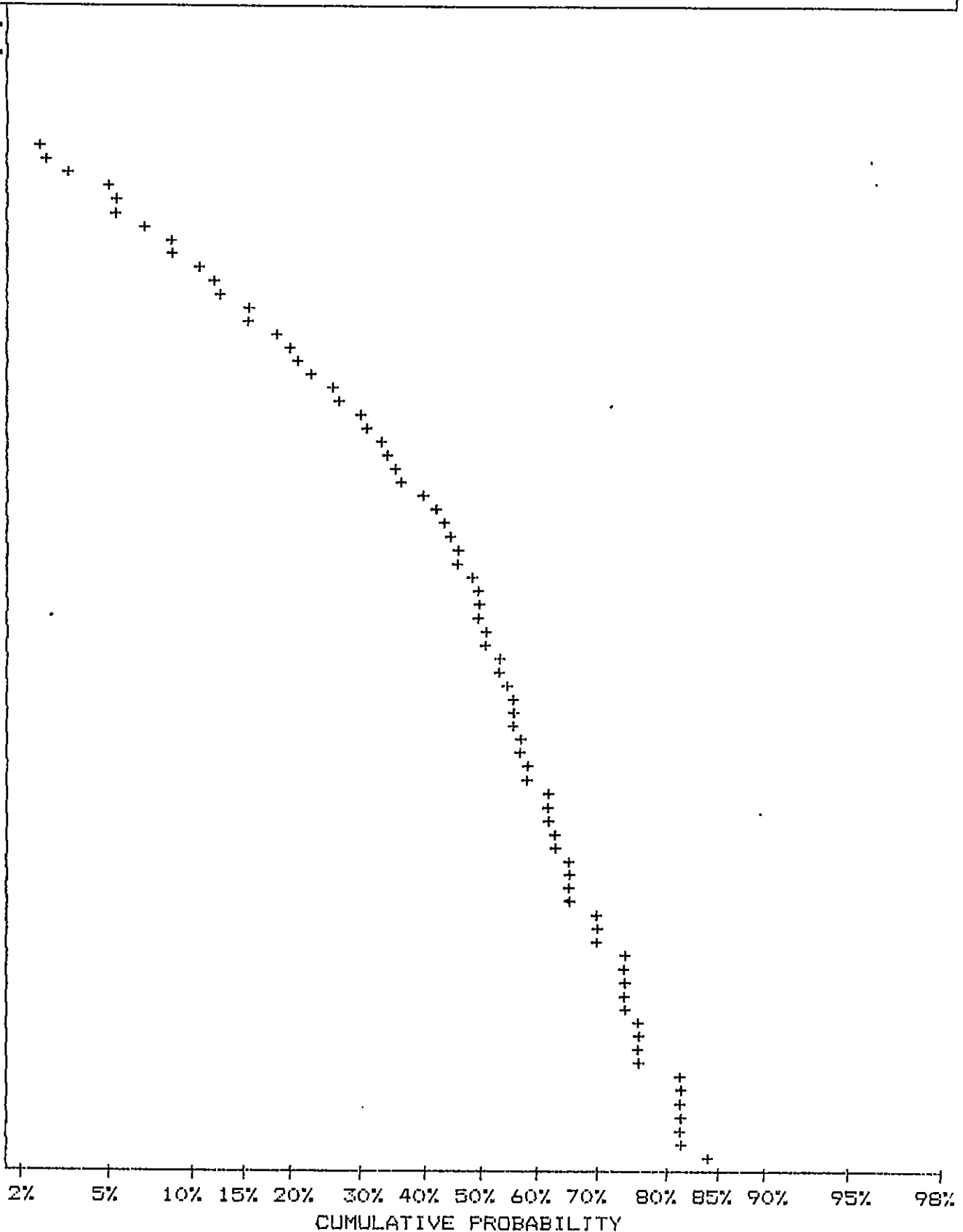
SAMPLE TYPE: SOILS

PROJECT: 8706 HAIDA

ANALYSIS TYPE: I.C.P.

FILE#: 7-595

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
70.80	1.44
65.78	1.68
61.10	3.12
56.76	5.28
52.73	5.76
48.98	8.87
45.50	10.79
42.27	12.95
39.27	16.07
36.48	20.86
33.89	23.98
31.48	27.58
29.24	31.41
27.17	35.25
25.24	37.65
23.44	42.69
21.78	45.80
20.23	47.48
18.80	50.12
17.46	50.60
16.22	51.80
15.07	53.96
14.00	56.35
13.00	56.35
12.08	58.27
11.22	59.95
10.42	62.35
9.68	64.03
9.00	65.95
8.36	65.95
7.76	70.50
7.21	70.50
6.70	74.82
6.22	74.82
5.78	76.74
5.37	76.74
4.99	82.01
4.64	82.01
4.30	82.01
4.00	84.65



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

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705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-35282B PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AU

COMPANY: TERRANE RESOURCES MGMT

DATE: JULY 15/87

ATTN: C.J. WESTERMAN

SAMPLE TYPE: SOIL

PROJECT: 87-06 HAIDA

ANALYSIS TYPE: I.C.P.

FILE#: 7-595

NUMBER OF SAMPLES: 417
 MAXIMUM VALUE: 710.00 PPB
 MINIMUM VALUE: 1.00 PPB
 MEAN: 19.65 PPB
 STD. DEVIATION: 49.38 PPB
 COEFF. OF VARIATION: 2.51

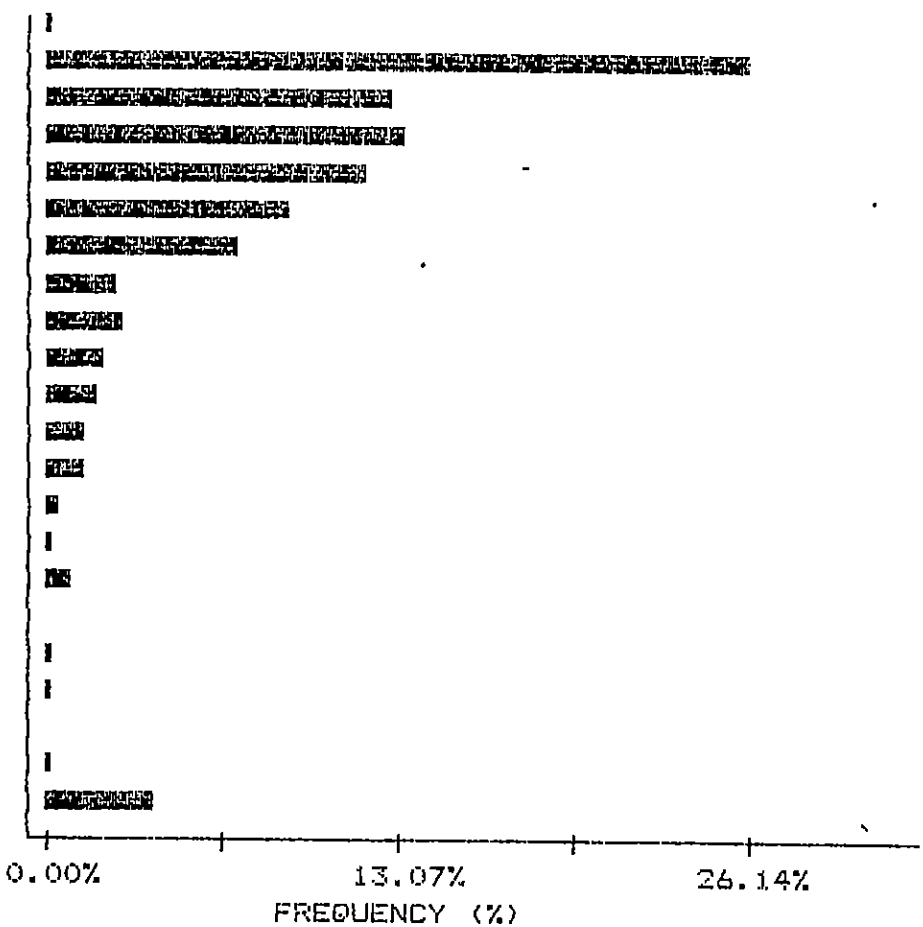
5 HIGHEST AU VALUES:
 L9W 1450S 710 PPB
 L13W 2125S 435 PPB
 L13W 1225S 385 PPB
 L19W 950S 220 PPB
 L21W 950S 215 PPB

HISTOGRAM FOR AU

CLASS INTERVAL = 3.35

MID CLASS	CLASS
PPB	%

<	1.00	.24
	2.67	26.14
	6.02	12.95
	9.37	13.43
	12.72	11.99
	16.07	9.11
	19.42	7.19
	22.77	2.64
	26.12	2.88
	29.47	2.16
	32.82	1.92
	36.17	1.44
	39.52	1.44
	42.87	.48
	46.22	.24
	49.57	.96
	52.92	0.00
	56.27	.24
	59.62	.24
	62.97	0.00
	66.32	.24
>	68.00	4.08



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

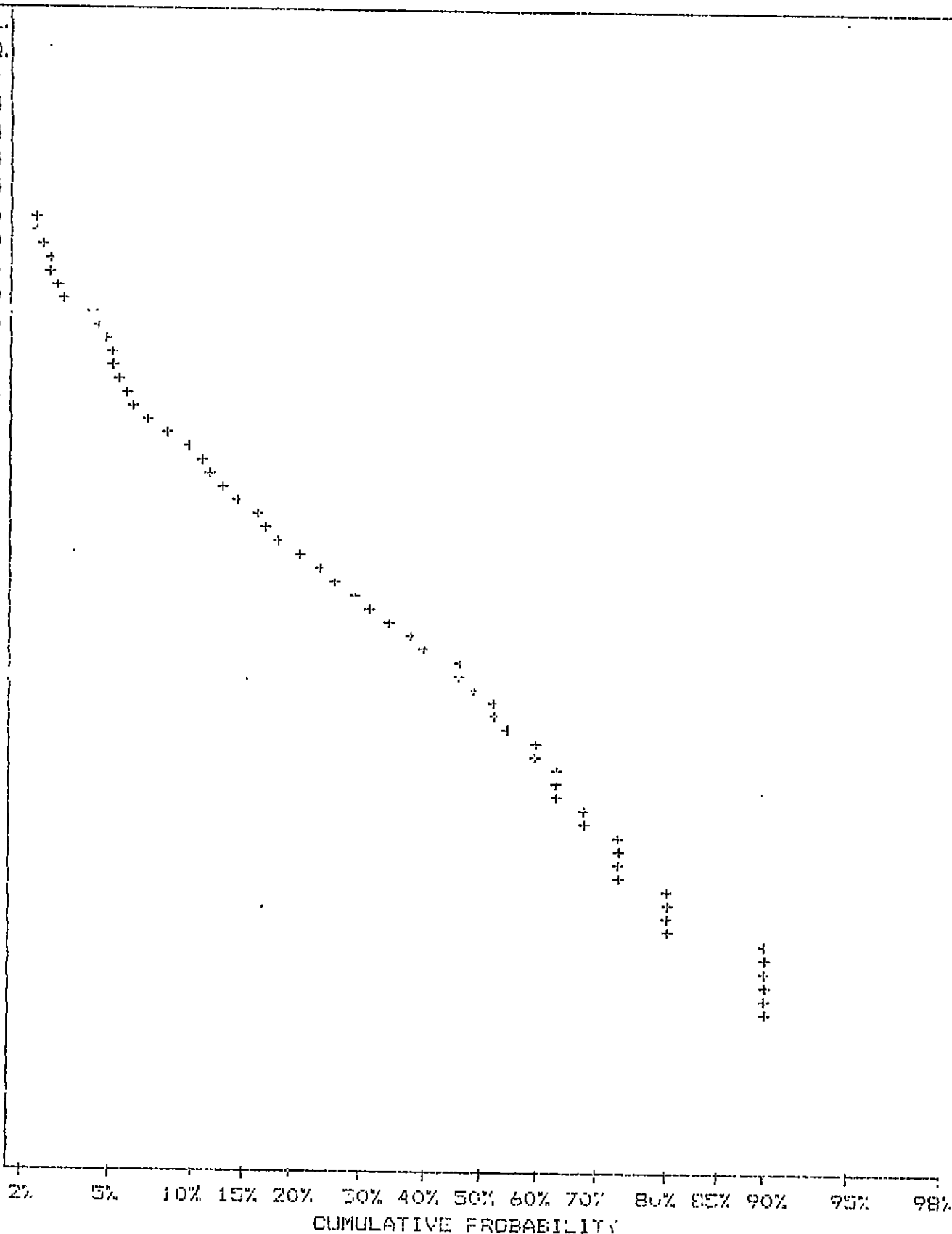
TELEX: 64-352828 PHONE: (604)966-5814 OR (604)983-4524

CUMMULATIVE PROBABILITY PLOT ON AU

COMPANY: TERRANE RESOURCES MGMT
 ATTN: C. C. WESTERMAN
 PROJECT: 87-06 HAIDA
 FILE: 7-595

DATE: JULY 15/87
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: I.C.F.

UPPER LIMIT (PPB)	CUMMUL. FREQ. (%)
182.81	1.44
159.96	1.44
139.96	1.44
122.46	1.44
107.15	2.16
93.76	2.40
82.03	2.64
71.78	3.60
62.81	4.56
54.95	5.04
48.08	5.76
42.07	6.47
36.81	8.39
32.21	10.79
28.16	13.43
24.66	16.55
21.58	19.18
18.88	24.22
16.52	29.02
14.45	35.49
12.65	41.01
11.07	47.48
9.68	53.00
8.47	56.12
7.41	60.91
6.49	63.79
5.68	68.11
4.97	73.86
4.35	73.86
3.80	80.10
3.33	80.10
2.91	90.17
2.55	90.17
2.23	90.17
1.95	98.56
1.71	98.56
1.49	98.56
1.31	98.56
1.14	98.56
1.00	99.76



APPENDIX 4

GEOCHEMICAL AND ASSAY RESULTS

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: TERRANE RESOURCE MANAGEMENT
 Project: B706 HAIDA
 Attention: C.J. WESTERMAN

File: 7-515/P1
 Date: JUNE 8/87
 Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	TL PPB	HG PPB	AU-FIRE PPB	PT-FIRE PPB	PD-FIRE PPB
B7WR35	10	30	74	1	15
B7WR36	10	25	134	17	1
B7WR37	5	45	28	22	19
B7WR38	10	20	27	1	15
B7WR39	10	15	16	1	21
B7WR40	5	100	652	1	11
B7WR41	5	1315	22	1	23
B7WR42	5	40	28	8	14
B7WR43	10	20	8	1	14
B7WR62	15	15	6	1	1
B7WR63	5	40	11	6	1

Certified by _____



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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: TERRANE RESOURCE MANAGEMENT

File: 7-515/P1

Project: B706 HAIDA

Date: JUNE 8/87

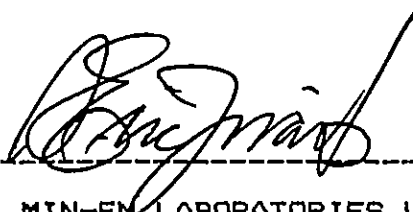
Attention: C.J. WESTERMAN

Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
B7WR40	.82	0.024

Certified by _____



MIN-EN LABORATORIES LTD.

COMPANY: TERRANE RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:631) PAGE 1 OF 3

PROJECT NO: 8706 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-515

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: JUNE 8, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
B7WR35	1.6	9390	8	29	46	.9	8	9770	3.9	16	314	136510
B7WR36	1.6	14240	15	156	83	2.2	8	32630	3.8	14	174	115540
B7WR37	1.8	13110	1	7	105	2.2	12	8170	6.8	75	632	166920
B7WR38	.4	11440	8	7	43	.1	2	8010	1.2	4	27	79570
B7WR39	.7	10060	3	8	38	.1	1	13200	.1	6	64	127380
B7WR40	8.1	18030	657	7	28	1.0	38	46450	4.7	5	4458	91770
B7WR41	2.5	8130	492	49	58	.5	3	69500	40.9	8	95	77930
B7WR42	1.9	23030	19	11	51	.2	7	16310	1.9	15	512	241250
B7WR43	1.4	21520	2	12	56	.4	3	13480	1.6	10	145	187490
B7WR62	1.0	13670	9	6	78	.1	1	13600	.5	7	79	110220
B7WR63	1.3	14670	8	60	56	.7	2	44070	2.1	4	71	84040

COMPANY: TERRANE RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

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(ACT:631) PAGE 2 OF 3

PROJECT NO: 8706 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-515

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: JUNE 8, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
87WR35	810	5	5260	197	1	260	4	1030	8	9	35	1
87WR36	240	3	4700	1420	30	180	3	780	14	12	46	2
87WR37	470	8	10940	198	3	250	210	340	4	16	31	1
87WR38	690	11	5810	207	1	290	1	470	7	1	27	1
87WR39	230	4	3120	105	1	340	1	1030	6	1	15	1
87WR40	30	1	2540	1148	1	20	3	390	5	10	21	1
87WR41	270	2	1330	2014	5	30	2	740	9	10	106	1
87WR42	840	21	15410	578	3	340	3	2880	9	3	43	1
87WR43	1530	27	11250	306	1	320	3	580	10	1	38	1
87WR62	770	8	4130	167	1	280	2	1140	7	1	44	1
87WR63	180	1	840	1209	7	80	1	1230	7	6	23	1

COMPANY: TERRANE RESOURCE MANAGEMENT

MIN-EM LABS ICP REPORT

-59-

(ACT:631) PAGE 3 OF 3

PROJECT NO: 8706 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-515

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM * DATE: JUNE 8, 1987

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR
B7WR35	11	34.6	51	1	4	3	4
B7WR36	5	37.6	47	4	3	11	5
B7WR37	6	44.6	37	4	1	5	12
B7WR38	5	30.9	30	1	2	4	43
B7WR39	5	49.8	17	1	3	4	26
B7WR40	23	46.8	150	2	4	18	53
B7WR41	22	33.5	6398	1	1	19	4
B7WR42	4	94.1	122	5	6	5	6
B7WR43	10	136.7	80	1	1	22	2
B7WR62	8	49.8	33	1	1	9	17
B7WR63	15	56.9	57	1	7	12	69

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

- 60 -

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

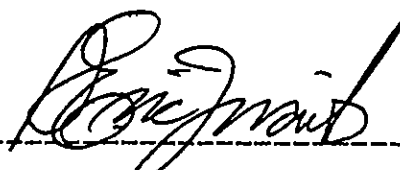
Company: TERRANE RESOURCE MANAGEMENT
 Project: 8706 HAIDA
 Attention: C.J. WESTERMAN

File: 7-516/P1
 Date: JUNE 8/87
 Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	TL PPB	HG PPB	AU-FIRE PPB	PT-FIRE PPB	PD-FIRE PPB
87WR43A	10	45	296	26	1
87WR44	15	30	535	14	1
87WR45	5	15	1125	6	7
87WR46	10	20	1415	1	1
87WR47	5	50	4070	25	3
87WR48	5	50	935	1	2
87WR49	5	15	243	22	1
87WR50	5	45	93	33	1
87WR51	5	15	266	1	3
87WR52	5	10	10	1	1
87WR53	5	5	110	28	14
87WR54	5	10	122	1	3
87WR55	5	10	107	1	1
87WR56	10	25	77	39	15
87WR57	5	30	58	7	13
87WR58	15	50	42	1	2
87WR59	5	20	57	8	2
87WR60	5	35	46	60	1
87WR61	5	35	207	3	1

Certified by _____



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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: TERRANE RESOURCE MANAGEMENT

File: 7-516/P1

Project: 8706 HAIDA

Date: JUNE 8/87

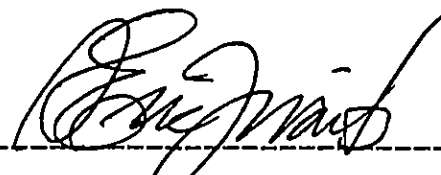
Attention: C.J. WESTERMAN

Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
87WR44	.59	0.017
87WR45	1.56	0.046
87WR46	1.63	0.048
87WR47	4.20	0.123
87WR48	.99	0.029

Certified by



MIN-EN LABORATORIES LTD.

PROJECT NO: 8706 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-516

ATTENTION: C.J. WESTERNAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: JUNE 8, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
87WR43A	4.7	6100	145	28	286	29.3	69	2730	33.5	37	278	504360
87WR44	3.9	23080	59	18	229	13.2	41	46720	19.3	42	861	259170
87WR45	3.5	20680	40	17	247	12.0	46	50140	17.5	29	1590	251540
87WR46	4.1	8430	92	14	231	17.6	52	24030	21.9	55	1004	296910
87WR47	4.7	9260	92	13	163	15.9	47	23990	22.8	118	732	264560
87WR48	3.1	11540	22	10	119	9.1	42	40680	12.4	73	1866	197810
87WR49	2.4	19070	17	12	93	6.0	25	41190	11.4	59	897	176880
87WR50	2.3	19660	9	16	46	2.4	19	98230	5.3	14	902	125320
87WR51	1.4	22270	5	10	78	.1	5	12650	3.1	20	198	198340
87WR52	1.7	13320	9	9	47	1.6	10	21800	4.9	12	504	126990
87WR53	3.4	16150	64	17	146	11.9	39	84930	21.2	22	534	259180
87WR54	3.1	16270	47	14	139	8.6	32	63080	14.3	26	637	220480
87WR55	2.4	19770	91	14	92	6.0	24	110060	12.8	22	785	179200
87WR56	2.1	20590	35	13	106	4.4	16	78570	8.8	12	214	143320
87WR57	2.3	18760	66	14	115	6.8	19	76590	14.3	12	193	179380
87WR58	2.7	22050	42	16	197	7.0	22	96520	13.3	14	289	196140
87WR59	3.0	11250	79	13	205	11.3	29	44580	16.8	16	243	245330
87WR60	2.3	8890	65	10	125	9.9	26	38020	15.1	14	266	209160
87WR61	2.5	16860	38	12	227	5.8	19	75260	12.4	19	414	168050

PROJECT NO: 8706 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-516

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: JUNE 8, 1987

(VALUES IN PPM)	K	LI	MS	MN	MO	NA	NI	P	PB	SB	SR	TH
87WR43A	150	1	5320	698	59	80	19	10	21	143	115	8
87WR44	1450	4	12760	1310	31	70	1	1010	45	66	104	1
87WR45	690	5	11600	1078	26	80	11	970	21	63	90	3
87WR46	560	1	5300	507	40	60	1	730	31	87	89	2
87WR47	120	1	3550	521	34	40	14	790	43	81	73	4
87WR48	140	2	4530	602	20	60	4	970	21	50	63	1
87WR49	200	5	8680	951	15	70	9	1250	11	34	67	1
87WR50	60	3	6170	1518	6	40	2	1120	16	17	49	1
87WR51	1170	18	16560	360	1	310	3	580	13	1	46	1
87WR52	160	3	4060	439	3	120	15	1140	13	16	57	1
87WR53	150	1	3320	1692	28	70	16	3890	33	67	80	2
87WR54	500	1	3070	1551	19	70	24	2390	32	50	67	1
87WR55	180	1	3000	2202	15	50	23	3360	25	37	61	2
87WR56	480	2	3670	2102	11	90	5	1970	4	26	47	1
87WR57	480	3	4550	1565	20	140	9	5180	17	40	66	1
87WR58	490	2	4110	2262	22	90	2	2800	24	40	63	2
87WR59	430	2	3740	905	32	100	10	2810	21	63	73	3
87WR60	200	1	2850	741	22	100	7	4640	33	56	67	1
87WR61	290	2	3130	1425	19	80	4	4220	4	34	60	1

PROJECT NO: 8706 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-516

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM * DATE: JUNE 8, 1987

(VALUES IN PPM)	U	V	ZN	GA	SN	N	CR
87WR43A	4	196.4	123	6	147	38	6
87WR44	3	119.2	90	13	78	43	2
87WR45	4	151.0	67	11	68	33	12
87WR46	3	108.6	66	4	105	14	13
87WR47	1	103.4	46	6	102	17	1
87WR48	2	91.9	47	3	57	21	4
87WR49	3	109.2	51	2	33	9	1
87WR50	1	153.6	34	3	16	11	27
87WR51	1	90.5	65	3	8	12	11
87WR52	1	54.5	43	2	3	7	45
87WR53	5	95.0	51	2	81	17	86
87WR54	1	96.1	46	2	52	2	49
87WR55	2	92.2	42	2	40	20	80
87WR56	4	67.1	36	2	26	21	77
87WR57	4	93.0	47	2	37	11	73
87WR58	2	106.0	44	2	36	13	98
87WR59	4	108.3	51	2	53	28	46
87WR60	2	99.4	38	2	40	2	56
87WR61	3	94.2	38	2	26	4	82

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

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PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: TERRANE RESOURCE MANAGEMENT

File: 7-664/P1

Project: HAIDA

Date: JULY 1/87

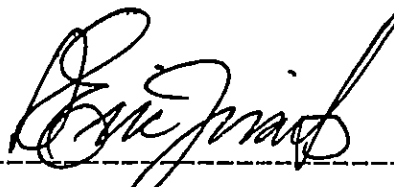
Attention: C.J. WESTERMAN

Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PFB
87WR-73	2
87WR-74	1
87WR-75	1
87WR-76	2
87WR-77	1
87WR-78	1
87WR-79	2
87WR-80	3
87WR-81	48
87WR-82	2
87WR-83	53
87WR-84	3
87WR-85	NO SAMPLE
87WR-86	395
87WR-87	3
87WR-88	67
87WR-89	1
87WR-90	63
87WR-91	2100
87WR-92	3600
87WR-93	4500
87WR-94	1800
87WR-95	155
87WR-96	54
87WR-97	113
87WR-98	15
87WR-99	1000
87WR-100	3
87WR-101	2
87WR-102	1

Certified by



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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

-66-

PHONE: (604) 980-5814 DR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: TERRANE RESOURCE MANAGEMENT

File: 7-664/P2

Project: HAIDA

Date: JULY 1/87

Attention: C. J. WESTERMAN

Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PFB
87WR-103	1
87WR-104	151
87WR-105	23
87WR-106	7
87WR-107	NO SAMPLE
87WR-108	24
87WR-109	2
87WR-110	78
87WR-111	1
87WR-112	2
87WR-113	2
87WR-114	32
87WR-115	49
87WR-116	74

Certified by



MIN-EN LABORATORIES LTD.

PHONE: (604) 980-5814 DR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: TERRANE RESOURCE MANAGEMENT

File: 7-664/P1

Project: HAIDA

Date: JULY 1/87

Attention: C. J. WESTERMAN

Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
87WR-91	2.84	0.083
87WR-92	4.65	0.136
87WR-93	8.90	0.260
87WR-94	2.20	0.064
87WR-99	1.00	0.029

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: TERRANE RESOURCES MANAGEMENT

File: 7-755/P1

Project: 8706 HAIDA

Date: JULY 11, 1987

Attention: C.J. WESTERMAN

Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PFB
TR87-1 0-2M	3
TR87-1 2-4M	8
TR87-1 4-6M	3
TR87-1 6-8M	6
TR87-1 8-9M	35
TR87-1 15-17M	14
TR87-1 18-24M	40
TR87-1 22-24M	9
TR87-1 24-26M	NS
TR87-1 26-28M	4
TR87-1 28-30M	2
TR87-1 30-32M	6
TR87-1 32-34M	7
TR87-1 34-36M	3
TR87-2 0-2M	2
TR87-2 2-4M	3
TR87-2 4-6M	3
TR87-2 6-8M	6
TR87-2 8-10M	3
TR87-2 10-12M	5
TR87-2 12-14M	72
TR87-2 14-16M	3
TR87-2 16-18M	6
TR87-2 18-20M	4
TR87-2 20-24M	3
TR87-2 22-24M	2
TR87-2 24-26M	20
TR87-2 26-28M	19
TR87-2 28-30M	8
TR87-2 30-32M	22

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 980-4524

TELEX: VIA USA 7601067 UC

Certificate of Geochem

Company: TERRANE RESOURCES MANAGEMENT

File: 7-755/P2

Project: 8706 HAIDA

Date: JULY 11, 1987

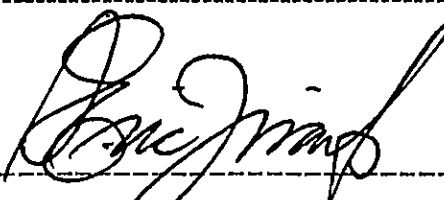
Attention: C.J. WESTERMAN

Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
TR87-2 32-34M	16
TR87-2 34-36M	37
TR87-2 36-38M	2
TR87-2 38-40M	3
TR87-2 40-42M	2
TR87-2 42-44M	4

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: TERRANE RESOURCE MANAGEMENT
Project: 8706 HAIDA
Attention: C. J. WESTERMAN

File: 7-783/P1
Date: JULY 16/87
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number AU-FIRE PPB

87-3-0-4M 5

87-3-4-8M 3

87-3-8-12M 6

87-3-12-16M 7

87-3-16-20M 4

87-3-20-24M 2

87-3-24-28M 8

87-3-28-32M 3

87-3-32-36M 6

87-4-0-4M 3

87-4-4-8M 12

87-4-8-10M 3

87-4-10-12M 24

87-4-12-14M 7

87-4-14-16M 4

87-4-16-18M 5

87-4-18-20M 15

87-4-20-24M 47

87-4-22-24M 64

87-4-24-26M 26

87-4-26-28M 24

87-4-28-30M 23

87-4-31-32M 1000

87-4-32-34M 215

87-6-0-5M 4

87-6-5-10M 7

87-6-10-15M 2

87-6-15-20M 4

87-6-20-25M 4

87-6-25-30M 4

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

- 71 -

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: TERRANE RESOURCE MANAGEMENT

File: 7-783/P2

Project: 8706 HAIDA

Date: JULY 16/87

Attention: C.J. WESTERMAN

Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number AU-FIRE
PPB

87-6-30-35M

120

87-6-35-40M

6

87-6-40-45M

9

87-6-45-50M

2

87-7-0-5M

3

87-7-5-10M

43

87-7-10-15M

3

87-7-15-20

2

87-7-20-25

6

87-7-25-30M

2

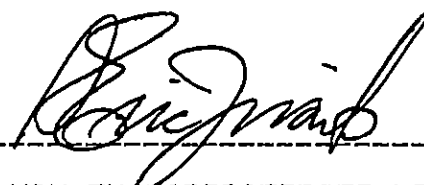
87-7-30-31M

1

87-7-34-36M

2

Certified by



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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: TERRANE RESOURCE MANAGEMENT

File: 7-783/P1

Project: B706 HAIDA

Date: JULY 16/87

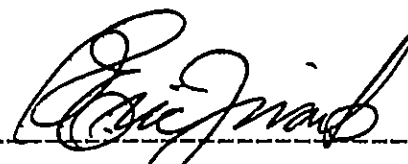
Attention: C.J. WESTERMAN

Type: PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
B7-4-32-32M	1.01	0.029

Certified by _____



MIN-EN LABORATORIES LTD.

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P1+2

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: JUNE 23, 1987

(VALUES IN PPM)	AG	AS	BI	CD	CU	MO	NI	PB	SB	ZN	SN	CR
L7W 1200S	1.2	5	8	4.3	137	3	20	18	3	95	7	65
L7W 1225S	1.0	13	7	5.6	126	1	20	6	1	98	9	44
L7W 1250S	.9	12	4	3.5	47	3	9	10	2	121	3	29
L7W 1275S	1.0	10	4	4.5	43	1	1	12	1	87	1	37
L7W 1300S	.8	1	4	3.8	48	1	7	17	1	124	7	42
L7W 1325S	1.1	4	7	5.8	118	1	27	11	2	107	6	59
L7W 1350S	1.4	18	5	4.7	108	2	15	16	1	130	8	41
L7W 1375S	.7	7	6	6.3	98	1	23	10	1	75	7	38
L7W 1400S	1.1	7	4	3.7	79	2	21	11	1	92	3	37
L7W 1425S	.8	16	5	4.6	82	1	18	8	1	96	2	31
L7W 1450S	.9	19	5	3.6	100	1	21	7	2	87	6	42
L7W 1475S	.7	10	3	1.8	28	1	3	7	3	84	2	33
L7W 1500S	.7	15	3	1.7	30	1	6	10	3	79	2	29
L7W 1525S	.7	10	1	.1	11	1	1	8	1	74	3	3
L7W 1550S	.4	9	1	.3	10	1	1	7	1	63	3	3
L7W 1575S	1.3	10	4	3.7	54	2	3	16	4	100	4	6
L7W 1600S	1.1	10	4	3.5	57	2	2	13	5	100	3	5
L7W 1750S	.7	1	3	6.5	71	1	15	13	2	179	11	32
L7W 1775S	1.0	5	2	3.1	23	1	4	11	3	155	8	10
L7W 1800S	.9	10	2	3.1	22	1	1	10	3	152	8	11
L7W 1825S	.6	8	2	3.6	22	1	1	10	3	179	5	7
L7W 1850S	1.4	13	2	2.9	63	1	2	7	1	77	5	1
L7W 1875S	1.6	8	3	1.5	75	1	1	9	2	70	5	3
L7W 1900S	1.0	11	1	2.1	17	2	1	6	1	88	1	3
L7W 1925S	1.2	23	3	3.2	17	1	1	7	1	83	12	1
L7W 1950S	1.7	219	5	6.7	44	3	11	6	7	120	2	17
L7W 1975S	1.4	51	7	6.7	120	3	8	8	7	147	4	37
L7W 2000S	1.0	20	4	4.6	160	1	19	10	4	75	5	41
L7W 2025S	1.2	55	5	5.2	123	2	24	14	4	87	1	37
L7W 2125S	.9	8	5	4.5	38	1	4	7	3	86	8	16
L7W 2150S	.7	32	2	5.3	99	1	10	14	1	89	1	47
L7W 2175S	.5	10	4	3.6	53	1	4	17	3	89	2	27
L7W 2200S	.7	13	4	3.0	58	4	16	17	2	80	13	38
L9W 1200S	.9	17	2	4.7	62	4	4	18	3	89	2	25
L9W 1225S	.6	24	4	2.1	49	1	4	14	1	86	6	8
L9W 1250S	.4	22	4	1.9	38	1	1	7	2	66	6	24
L9W 1275S	.4	11	1	2.4	35	2	3	10	1	68	4	25
L9W 1300S	.6	16	3	4.2	47	2	1	6	2	120	13	20
L9W 1325S	.7	7	3	3.5	43	1	3	13	1	98	9	19
L9W 1350S	.4	8	1	.8	19	2	2	7	1	76	7	12
L9W 1375S	.7	20	4	3.6	64	3	2	5	3	123	7	33
L9W 1400S	.8	1	4	3.7	55	1	5	8	2	127	9	32
L9W 1450S	3.0	882	11	18.1	229	5	76	12	14	127	11	58
L9W 1475S	.4	12	1	4.0	46	3	2	14	2	110	1	11
L9W 1525S	.9	2	2	7.5	107	4	11	6	2	224	3	30
L9W 1550S	.9	40	7	6.5	116	4	12	19	3	254	1	34
L9W 1575S	1.0	16	4	3.8	42	1	9	9	1	199	3	25
L9W 1600S	.8	22	4	4.3	39	3	3	12	1	207	5	29
L9W 1625S	1.1	24	4	4.2	58	1	8	8	1	136	4	33
L9W 1650S	.7	2	4	5.0	48	2	3	11	1	104	2	37
L9W 1675S	.7	22	2	4.1	49	2	1	14	1	128	4	37
L9W 1700S	1.0	20	4	4.5	99	3	18	16	2	69	5	51
L9W 1725S	.5	22	2	5.3	115	1	14	17	1	76	3	50
L9W 1750S	.4	4	2	3.0	36	2	3	6	1	95	4	12
L9W 1775S	.7	11	2	2.3	32	1	1	12	1	88	4	5
L9W 1800S	1.0	15	1	.7	19	2	3	10	1	103	4	3
L9W 1825S	.9	17	6	7.1	60	1	1	15	4	98	5	43
L9W 1850S	.9	27	4	3.6	85	3	6	16	1	158	6	11
L9W 1875S	1.1	2	5	3.2	40	3	2	12	1	140	5	2
L9W 1900S	.9	19	5	2.3	40	2	3	5	1	132	4	8

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P1+2

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM)	AU-PPB
L7W 1200S	16
L7W 1225S	12
L7W 1250S	17
L7W 1275S	16
L7W 1300S	12
L7W 1325S	18
L7W 1350S	18
L7W 1375S	16
L7W 1400S	9
L7W 1425S	12
L7W 1450S	26
L7W 1475S	3
L7W 1500S	5
L7W 1525S	5
L7W 1550S	12
L7W 1575S	14
L7W 1600S	8
L7W 1750S	19
L7W 1775S	3
L7W 1800S	5
L7W 1825S	6
L7W 1850S	3
L7W 1875S	10
L7W 1900S	3
L7W 1925S	5
L7W 1950S	19
L7W 1975S	18
L7W 2000S	42
L7W 2025S	40
L7W 2125S	9
L7W 2150S	15
L7W 2175S	6
L7W 2200S	9
L9W 1200S	21
L9W 1225S	13
L9W 1250S	19
L9W 1275S	12
L9W 1300S	6
L9W 1325S	14
L9W 1350S	4
L9W 1375S	33
L9W 1400S	21
L9W 1450S	710
L9W 1475S	38
L9W 1525S	41
L9W 1550S	70
L9W 1575S	12
L9W 1600S	16
L9W 1625S	19
L9W 1650S	18
L9W 1675S	8
L9W 1700S	30
L9W 1725S	25
L9W 1750S	3
L9W 1775S	8
L9W 1800S	6
L9W 1825S	16
L9W 1850S	14
L9W 1875S	3
L9W 1900S	12

PROJECT NO: B707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5958/P3+4

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL BEDCHEM * DATE: JUNE 23, 1987

(VALUES IN PPM)	AG	AS	BT	CD	CU	MO	NI	PB	SB	ZN	SN	CR
L9W 1925S	1.2	19	3	6.6	69	1	4	12	4	223	9	25
L9W 1950S	.4	18	2	4.1	37	1	3	12	2	84	6	7
L9W 1975S	.4	16	4	5.0	22	2	2	13	2	86	16	8
L9W 2000S	.3	1	2	1.5	18	2	1	12	1	49	6	9
L9W 2025S	.5	21	2	2.2	24	1	1	11	1	100	11	1
L9W 2050S	1.0	56	4	5.3	65	3	4	8	2	98	6	12
L9W 2075S	.6	15	2	3.8	32	4	7	16	2	186	14	7
L9W 2100S	.4	7	1	4.4	68	1	20	7	1	88	9	37
L9W 2125S	.4	4	4	4.0	37	3	4	6	1	158	16	12
L9W 2150S	.6	2	4	2.8	35	1	5	15	1	100	10	16
L9W 2175S	.2	9	1	2.6	34	2	9	13	2	80	1	9
L9W 2200S	.5	1	4	4.1	30	2	10	6	2	63	11	21
L11W 1200S	.8	26	4	2.4	120	2	3	11	2	122	11	8
L11W 1225S	.8	26	4	4.8	63	1	4	5	1	141	9	16
L11W 1250S	.6	5	2	2.9	75	2	1	7	1	70	9	3
L11W 1275S	.6	18	3	2.9	41	2	1	8	3	104	5	1
L11W 1350S	1.0	7	3	7.3	65	3	2	8	3	151	8	15
L11W 1375S	.8	24	5	2.8	65	2	4	7	2	80	8	29
L11W 1400S	1.0	70	3	6.8	150	1	22	5	2	97	7	45
L11W 1425S	1.0	231	4	7.1	129	1	23	9	1	89	10	42
L11W 1450S	.6	19	4	3.3	51	1	6	12	1	117	6	7
L11W 1475S	1.2	22	4	4.6	41	3	5	12	2	432	4	1
L11W 1500S	.7	37	3	6.3	75	2	20	6	1	335	10	2
L11W 1525S	.9	8	4	2.4	41	3	1	12	2	267	2	1
L11W 1550S	1.5	30	6	6.1	289	4	69	6	2	201	13	89
L11W 1575S	.6	9	2	.2	38	1	1	13	1	82	4	10
L11W 1600S	1.7	11	10	7.0	62	3	4	9	11	291	9	2
L11W 1625S	.9	17	1	1.8	32	2	2	11	1	102	5	8
L11W 1650S	.9	21	5	3.7	58	2	4	10	1	130	6	21
L11W 1675S	1.3	18	3	4.6	55	2	8	11	2	156	2	14
L11W 1700S	.5	17	1	6.6	69	1	24	12	4	210	2	24
L11W 1725S	.8	4	5	5.0	153	2	35	7	2	100	9	39
L11W 1750S	1.0	9	2	4.0	191	2	28	5	1	120	4	26
L11W 1800S	1.4	14	1	4.3	26	1	2	14	2	128	7	24
L11W 1825S	.5	4	4	4.5	49	1	11	16	2	135	6	25
L11W 1850S	.3	21	5	3.2	69	2	4	17	1	111	1	28
L11W 1875S	.2	8	1	1.1	10	1	2	8	1	56	2	1
L11W 1900S	.5	19	5	4.7	25	1	2	9	3	117	5	3
L11W 1925S	.3	22	2	3.8	35	2	8	11	1	97	11	24
L11W 1950S	.5	9	4	5.6	56	3	31	8	3	120	3	58
L11W 1975S	.4	1	4	3.9	39	3	9	10	1	75	5	20
L11W 2000S	.8	21	3	4.9	49	2	6	9	3	82	8	42
L11W 2025S	.6	11	5	4.0	43	2	1	11	1	71	2	23
L11W 2050S	.8	26	4	6.8	106	4	18	16	3	122	4	32
L11W 2075S	.6	1	1	4.1	84	3	18	9	2	126	4	3
L11W 2100S	.8	11	5	4.7	58	1	3	13	1	95	12	9
L11W 2125S	1.2	1	2	2.9	23	3	1	9	2	97	3	2
L11W 2150S	.6	11	4	4.6	98	3	10	16	2	103	3	10
L11W 2175S	.8	3	4	4.7	96	1	20	15	3	147	7	9
L13W 1025S	.5	7	1	.5	17	1	3	8	1	62	8	7
L13W 1050S	.2	16	1	3.0	37	2	2	6	2	101	6	21
L13W 1075S	1.2	18	5	4.1	120	1	4	13	1	90	8	11
L13W 1125S	.5	10	4	2.5	87	3	1	11	1	142	10	1
L13W 1150S	.5	14	2	1.5	24	2	1	9	1	152	4	4
L13W 1175S	1.0	8	3	4.7	79	3	5	11	1	173	14	7
L13W 1200S	1.0	18	1	3.6	30	1	1	14	1	89	14	4
L13W 1225S	.6	12	6	6.4	82	2	8	16	1	82	15	13
L13W 1250S	.2	20	3	3.2	15	3	2	15	1	93	8	1
L13W 1275S	.7	9	4	4.9	96	1	3	14	3	158	10	8
L13W 1300S	.6	1	1	4.0	66	1	2	14	1	95	6	8

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P3+4

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: JUNE 23, 1987

(VALUES IN PPM)	AU-PPB
L9W 1925S	16
L9W 1950S	4
L9W 1975S	17
L9W 2000S	31
L9W 2025S	23
L9W 2050S	32
L9W 2075S	17
L9W 2100S	3
L9W 2125S	2
L9W 2150S	5
L9W 2175S	9
L9W 2200S	4
L11W 1200S	8
L11W 1225S	12
L11W 1250S	4
L11W 1275S	2
L11W 1350S	16
L11W 1375S	23
L11W 1400S	8
L11W 1425S	80
L11W 1450S	10
L11W 1475S	4
L11W 1500S	2
L11W 1525S	3
L11W 1550S	18
L11W 1575S	4
L11W 1600S	6
L11W 1625S	13
L11W 1650S	12
L11W 1675S	22
L11W 1700S	7
L11W 1725S	15
L11W 1750S	18
L11W 1800S	8
L11W 1825S	14
L11W 1850S	17
L11W 1875S	5
L11W 1900S	3
L11W 1925S	10
L11W 1950S	3
L11W 1975S	13
L11W 2000S	8
L11W 2025S	12
L11W 2050S	14
L11W 2075S	6
L11W 2100S	12
L11W 2125S	2
L11W 2150S	15
L11W 2175S	29
L13W 1025S	3
L13W 1050S	19
L13W 1075S	17
L13W 1125S	10
L13W 1150S	3
L13W 1175S	21
L13W 1200S	9
L13W 1225S	385
L13W 1250S	5
L13W 1275S	13
L13W 1300S	7

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P5+6

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: JUNE 23, 1987

(VALUES IN PPM)	AG	AS	BI	CD	CU	MO	NI	PB	SB	ZN	SN	CR
L13W 1325S	.9	19	3	7.7	87	2	21	6	2	187	3	13
L13W 1350S	.7	25	3	2.1	32	1	4	13	1	140	3	1
L13W 1375S	1.3	30	6	4.0	163	3	23	9	2	139	10	38
L13W 1400S	.5	37	3	4.3	82	3	13	7	1	187	11	8
L13W 1425S	.3	5	1	2.0	23	3	2	14	2	129	2	2
L13W 1450S	.6	24	4	2.4	44	2	1	12	1	140	3	1
L13W 1475S	.4	23	3	4.2	65	3	12	9	3	192	1	3
L13W 1500S	.8	19	3	5.2	67	3	15	12	3	229	1	6
L13W 1525S	.7	9	1	2.8	27	1	3	9	1	170	4	5
L13W 1550S	.5	6	5	4.8	66	1	30	12	3	272	2	26
L13W 1575S	1.6	1	1	6.2	19	3	3	8	2	249	6	7
L13W 1600S	.8	30	2	8.1	66	1	85	11	4	377	5	46
L13W 1625S	1.0	21	1	5.9	24	3	26	16	5	307	3	31
L13W 1650S	.9	6	1	1.8	16	1	1	9	2	188	2	20
L13W 1675S	.5	18	1	3.2	27	1	34	9	3	260	3	38
L13W 1700S	1.0	13	1	5.5	26	1	13	12	1	357	6	8
L13W 1725S	.9	23	6	4.7	97	3	53	8	4	157	9	50
L13W 1750S	1.0	10	4	3.9	32	1	8	8	1	262	2	23
L13W 1775S	.6	18	2	2.4	19	4	3	7	3	124	4	5
L13W 1800S	.8	17	4	2.7	38	2	1	10	2	138	4	16
L13W 1825S	.3	13	5	2.9	44	1	2	13	1	164	5	18
L13W 1850S	.6	15	6	4.5	36	1	21	17	3	170	6	68
L13W 1875S	.6	10	3	2.0	27	1	3	6	2	176	5	26
L13W 1900S	.7	2	2	2.4	20	2	1	9	2	87	1	5
L13W 1925S	.9	3	4	2.7	37	1	6	15	2	204	7	36
L13W 1975S	1.1	14	2	3.3	33	1	3	6	3	179	2	3
L13W 2000S	1.0	11	4	1.3	41	2	3	14	1	142	7	12
L13W 2025S	1.1	24	2	2.0	19	2	4	5	3	152	8	4
L13W 2100S	1.1	29	5	3.3	42	3	2	14	1	262	1	7
L13W 2125S	.9	3	7	6.5	57	3	14	14	5	209	6	47
L13W 2150S	.6	6	1	1.7	43	2	4	6	2	101	4	21
L13W 2200S	.1	20	5	4.2	62	1	8	10	2	101	3	47
L15W 1075S	.8	8	3	2.7	128	1	8	15	2	86	3	43
L15W 1100S	.4	1	4	4.3	74	3	4	10	1	109	1	27
L15W 1125S	.3	8	1	2.3	22	3	1	6	1	94	7	7
L15W 1150S	.7	16	2	3.4	56	1	4	8	2	109	1	19
L15W 1175S	.5	29	4	5.5	60	3	10	14	3	104	7	33
L15W 1200S	.6	1	4	3.3	42	2	1	16	1	92	4	26
L15W 1225S	.7	19	1	4.1	39	1	2	10	1	90	5	23
L15W 1250S	.5	8	5	5.2	54	2	12	6	1	101	5	35
L15W 1275S	.5	1	1	3.6	35	3	6	10	1	166	3	9
L15W 1300S	.9	20	1	2.4	54	2	12	10	1	100	5	20
L15W 1325S	.5	1	4	2.9	125	1	13	13	1	93	6	42
L15W 1350S	.3	23	3	4.3	71	1	19	10	1	92	1	33
L15W 1375S	.4	23	1	4.9	47	3	1	5	2	105	2	10
L15W 1400S	.8	6	4	3.9	62	1	5	8	1	88	3	25
L15W 1425S	.8	12	2	2.3	31	2	2	11	2	137	4	4
L15W 1450S	.5	4	2	1.6	13	2	3	6	1	142	3	5
L15W 1475S	.8	4	2	2.0	41	2	10	9	1	174	5	7
L15W 1500S	.9	1	4	4.9	38	3	14	10	1	211	6	16
L15W 1525S	.8	26	3	5.7	49	4	13	14	3	154	5	20
L15W 1550S	.1	8	1	1.1	9	1	1	8	1	77	2	2
L15W 1575S	.6	8	1	3.7	38	3	10	11	1	183	1	7
L15W 1600S	.9	13	1	1.7	36	1	3	8	1	185	6	12
L15W 1625S	.8	1	5	4.7	38	1	13	9	3	272	6	13
L15W 1650S	.8	19	4	3.7	57	3	26	19	2	377	1	22
L15W 1675S	.6	10	3	4.9	34	2	13	9	1	314	7	22
L15W 1700S	.8	7	1	5.6	46	1	18	12	1	277	3	21
L15W 1725S	.8	12	5	6.1	34	1	41	16	2	632	8	17
L15W 1750S	1.0	7	4	4.2	37	2	4	7	3	177	4	33

PROJECT NO: B707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5959/P5+6

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM) AU-PPB

L13W 1325S	11
L13W 1350S	9
L13W 1375S	17
L13W 1400S	18
L13W 1425S	46
L13W 1450S	15
L13W 1475S	15
L13W 1500S	6
L13W 1525S	4
L13W 1550S	17
L13W 1575S	10
L13W 1600S	15
L13W 1625S	12
L13W 1650S	8
L13W 1675S	6
L13W 1700S	9
L13W 1725S	24
L13W 1750S	5
L13W 1775S	4
L13W 1800S	7
L13W 1825S	33
L13W 1850S	3
L13W 1875S	3
L13W 1900S	49
L13W 1925S	8
L13W 1975S	13
L13W 2000S	13
L13W 2025S	12
L13W 2100S	21
L13W 2125S	435
L13W 2150S	14
L13W 2200S	95
L15W 1075S	35
L15W 1100S	15
L15W 1125S	8
L15W 1150S	30
L15W 1175S	16
L15W 1200S	5
L15W 1225S	21
L15W 1250S	31
L15W 1275S	19
L15W 1300S	7
L15W 1325S	21
L15W 1350S	13
L15W 1375S	8
L15W 1400S	18
L15W 1425S	3
L15W 1450S	4
L15W 1475S	21
L15W 1500S	49
L15W 1525S	19
L15W 1550S	6
L15W 1575S	14
L15W 1600S	12
L15W 1625S	56
L15W 1650S	11
L15W 1675S	13
L15W 1700S	7
L15W 1725S	15
L15W 1750S	19

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NDRTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P7+B

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM)	AG	AS	BI	CD	CU	MO	NI	PB	SB	ZN	SN	CR
L15W 1775S	1.0	145	1	7.7	108	1	96	12	1	810	2	3
L15W 1800S	.7	101	4	5.8	35	3	23	8	5	179	5	23
L15W 1825S	.6	20	5	5.4	58	2	48	8	3	344	8	15
L15W 1850S	.8	30	1	4.8	34	3	5	17	1	259	6	2
L15W 1875S	.3	10	3	3.7	22	2	8	6	2	163	1	1
L15W 1900S	1.0	12	4	4.5	42	3	2	11	5	206	1	24
L15W 1925S	.8	24	4	6.3	66	3	24	11	2	218	6	18
L15W 1950S	.9	5	3	5.8	58	1	5	21	3	168	8	28
L15W 1975S	.9	3	3	4.6	35	4	4	10	4	126	5	31
L15W 2000S	.1	1	2	1.8	12	2	2	10	1	102	3	2
L15W 2025S	.4	11	3	3.6	71	1	20	9	1	115	3	27
L15W 2050S	.8	19	4	4.4	41	2	3	10	1	172	2	10
L15W 2075S	.7	4	3	2.6	25	3	2	10	1	102	4	22
L15W 2100S	.9	24	3	5.4	94	1	30	16	1	168	6	42
L17W 1000S	1.3	13	2	1.4	57	4	1	13	3	81	8	2
L17W 1025S	1.1	14	4	3.1	95	3	4	10	2	94	7	9
L17W 1050S	1.0	16	5	2.4	44	2	1	17	1	114	6	6
L17W 1075S	.9	21	3	3.9	74	4	8	11	1	89	6	31
L17W 1100S	.4	11	4	1.5	46	1	3	14	1	85	6	25
L17W 1125S	.4	4	4	1.9	47	3	4	17	1	94	2	26
L17W 1150S	1.2	2	3	4.6	68	4	31	5	2	246	12	8
L17W 1175S	.9	21	4	2.8	25	2	4	7	1	126	6	7
L17W 1200S	.9	11	4	3.6	45	3	17	17	2	149	2	28
L17W 1225S	1.1	8	2	.8	16	1	2	6	1	68	1	3
L17W 1250S	1.0	12	1	2.4	19	1	3	17	3	159	4	8
L17W 1275S	.7	11	2	.3	13	2	1	7	1	75	3	3
L17W 1300S	.9	17	5	3.0	53	3	14	6	3	143	6	13
L17W 1325S	.7	2	1	1.9	30	1	14	7	2	199	7	7
L17W 1350S	.9	7	1	2.7	18	2	3	11	3	164	10	6
L17W 1375S	.7	6	4	3.4	32	2	11	5	2	192	3	8
L17W 1400S	.8	8	5	5.8	43	1	8	14	4	157	6	25
L17W 1425S	.6	18	1	1.1	17	1	3	11	3	120	1	5
L17W 1450S	.7	16	1	1.0	22	1	3	8	2	144	1	2
L17W 1475S	.8	22	5	4.0	49	2	14	7	2	204	4	28
L17W 1500S	.8	25	4	3.7	79	1	6	18	4	176	3	22
L17W 1525S	1.2	26	1	3.5	25	3	29	16	1	884	7	3
L17W 1550S	1.1	19	4	2.7	88	1	8	13	1	110	2	33
L17W 1650S	1.0	13	3	6.0	23	2	6	19	3	353	8	20
L17W 1675S	.7	15	4	5.0	62	1	21	16	2	148	7	33
L17W 1700S	.7	38	5	3.6	49	1	17	6	5	158	5	19
L17W 1725S	1.3	15	3	3.4	41	2	17	9	1	158	2	8
L17W 1750S	1.9	30	8	4.5	289	1	108	16	2	198	7	57
L17W 1775S	.7	2	2	1.9	16	2	1	10	1	139	5	3
L17W 1800S	1.0	4	1	3.2	20	3	2	11	1	83	1	5
L17W 1825S	.7	11	2	2.9	41	2	1	9	2	85	4	11
L17W 1850S	.9	1	4	3.7	81	3	14	12	3	145	5	26
L17W 1875S	1.3	12	4	5.1	46	1	1	7	2	124	1	24
L17W 1900S	.5	13	5	3.9	42	2	3	13	1	105	7	25
L17W 1925S	2.3	27	6	8.0	199	2	47	12	2	228	2	51
L17W 1950S	.4	11	5	4.2	77	1	5	5	2	84	3	29
L17W 1975S	2.1	14	4	3.7	137	6	16	8	1	97	8	19
L17W 2025S	1.1	16	4	4.7	72	1	9	5	3	87	1	51
L17W 2075S	.7	55	2	4.4	83	1	28	15	3	113	3	50
L19W 800S	.6	10	1	3.9	33	5	2	11	3	79	6	5
L19W 825S	1.1	9	7	3.4	206	1	2	12	5	98	8	8
L19W 850S	.2	2	2	.1	13	1	1	6	1	26	1	1
L19W 875S	.6	5	1	.1	33	1	1	9	1	50	3	1
L19W 900S	1.2	1	2	2.2	153	2	1	8	1	171	1	5
L19W 925S	.6	1	1	.1	11	1	1	7	1	22	1	1
L19W 950S	1.5	15	5	4.2	98	3	17	15	4	122	1	21

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P7+B

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM) AU-PPB

L15W 1775S	4
L15W 1800S	35
L15W 1825S	13
L15W 1850S	3
L15W 1875S	11
L15W 1900S	12
L15W 1925S	12
L15W 1950S	18
L15W 1975S	17
L15W 2000S	2
L15W 2025S	16
L15W 2050S	13
L15W 2075S	7
L15W 2100S	11
L17W 1000S	19
L17W 1025S	12
L17W 1050S	9
L17W 1075S	4
L17W 1100S	10
L17W 1125S	13
L17W 1150S	2
L17W 1175S	2
L17W 1200S	6
L17W 1225S	3
L17W 1250S	2
L17W 1275S	3
L17W 1300S	5
L17W 1325S	6
L17W 1350S	3
L17W 1375S	11
L17W 1400S	5
L17W 1425S	3
L17W 1450S	6
L17W 1475S	14
L17W 1500S	27
L17W 1525S	1
L17W 1550S	16
L17W 1650S	2
L17W 1675S	4
L17W 1700S	88
L17W 1725S	17
L17W 1750S	5
L17W 1775S	9
L17W 1800S	3
L17W 1825S	8
L17W 1850S	17
L17W 1875S	33
L17W 1900S	24
L17W 1925S	7
L17W 1950S	190
L17W 1975S	16
L17W 2025S	25
L17W 2075S	25
L19W 800S	36
L19W 825S	44
L19W 850S	12
L19W 875S	9
L19W 900S	108
L19W 925S	110
L19W 950S	220

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM)	AG	AS	BT	CD	CU	MO	NI	PB	SB	ZN	SN	CR
L19W 975S	.8	11	1	2.6	25	2	2	12	2	107	5	8
L19W 1000S	.7	22	4	4.3	69	2	25	11	1	138	1	51
L19W 1025S	.5	15	4	2.1	38	1	3	13	1	78	3	48
L19W 1050S	.4	1	3	2.5	51	1	3	16	1	93	5	31
L19W 1075S	.3	14	1	2.5	26	2	2	13	1	102	5	12
L19W 1100S	.8	4	1	2.8	26	1	2	11	1	200	2	8
L19W 1125S	1.1	10	4	4.5	38	3	6	14	1	284	7	2
L19W 1150S	1.3	25	5	3.9	30	1	4	7	2	183	3	5
L19W 1175S	.7	20	3	2.4	115	3	24	17	1	133	7	10
L19W 1200S	.6	16	4	3.6	41	3	5	11	4	214	3	15
L19W 1225S	.9	5	4	4.4	39	1	1	15	5	228	4	16
L19W 1250S	.8	14	3	6.0	87	2	23	8	2	182	1	29
L19W 1275S	.4	9	2	2.3	24	1	1	12	1	80	5	1
L19W 1300S	.7	3	5	3.8	39	1	1	16	2	111	5	4
L19W 1325S	1.0	7	3	1.0	30	2	1	11	1	119	4	8
L19W 1350S	1.0	9	2	2.1	37	1	5	7	2	131	2	11
L19W 1375S	1.5	14	4	1.6	24	1	1	12	2	110	6	16
L19W 1400S	1.3	4	3	3.0	22	1	1	6	2	103	4	16
L19W 1425S	.9	17	4	2.4	66	1	8	10	1	128	2	35
L19W 1450S	1.3	20	4	3.8	63	1	10	7	2	120	1	31
L19W 1475S	.8	27	5	4.0	61	1	5	7	2	186	6	11
L19W 1500S	.7	18	4	3.2	58	3	10	14	2	141	1	23
L19W 1525S	.4	11	1	2.4	31	2	3	9	2	124	6	9
L19W 1550S	.7	15	4	4.5	40	1	11	13	1	122	6	25
L19W 1575S	.8	10	3	2.8	47	1	11	11	2	97	6	29
L19W 1600S	.8	22	4	2.5	35	2	4	10	1	105	6	31
L19W 1625S	.1	7	3	.2	10	1	1	5	1	48	3	4
L19W 1650S	.5	5	1	1.0	16	2	1	6	1	91	5	7
L19W 1675S	.5	4	1	.1	13	1	1	10	1	41	3	5
L19W 1750S	1.8	5	6	4.9	56	1	2	14	3	395	5	22
L19W 1775S	1.1	5	4	1.4	30	3	2	13	4	140	1	8
L19W 1825S	.7	9	1	2.3	37	2	2	10	4	169	4	39
L19W 1850S	.1	1	1	.1	9	1	1	6	1	24	1	1
L19W 1925S	1.1	18	6	5.0	116	1	27	8	4	98	1	57
L19W 1950S	1.4	22	5	4.6	223	10	33	14	2	127	6	39
L19W 1975S	1.0	6	5	3.2	147	16	19	14	2	191	7	30
L19W 2000S	1.5	6	5	4.5	138	16	25	16	3	128	3	43
L21W 800S	1.0	11	4	4.2	72	4	5	13	6	149	8	56
L21W 825S	.8	6	5	3.6	24	1	3	14	5	160	4	31
L21W 850S	1.1	1	3	3.7	18	1	1	5	1	236	1	8
L21W 875S	1.2	28	3	3.0	44	1	4	5	3	161	5	44
L21W 900S	1.4	14	4	4.5	78	1	4	8	2	161	9	38
L21W 925S	.9	12	5	5.2	116	3	19	6	2	85	7	63
L21W 950S	1.2	1	7	4.3	160	4	15	22	3	103	7	65
L21W 975S	1.1	6	4	4.2	75	1	8	8	3	107	1	46
L21W 1000S	1.0	17	5	1.6	31	1	1	8	3	115	2	34
L21W 1025S	1.1	5	4	1.6	55	3	1	12	4	97	3	28
L21W 1050S	1.4	23	6	6.5	85	4	27	5	4	135	7	87
L21W 1075S	1.5	28	6	3.5	96	2	26	6	4	222	9	31
L21W 1100S	.7	3	5	4.5	53	2	2	12	4	109	3	49
L21W 1125S	.9	4	4	5.7	64	4	14	16	4	172	4	31
L21W 1150S	1.1	24	4	3.9	59	3	22	7	4	289	6	34
L21W 1175S	1.0	16	4	5.3	120	1	25	16	5	138	1	45
L21W 1225S	1.1	24	4	4.3	45	1	12	7	5	364	2	5
L21W 1250S	1.4	11	7	5.1	53	2	14	18	7	203	7	5
L21W 1275S	1.2	4	3	6.8	40	4	19	5	5	346	7	29
L21W 1300S	.7	14	4	1.2	23	1	1	14	1	197	1	6
L21W 1325S	.7	7	2	.2	12	2	2	11	2	79	1	4
L21W 1375S	1.0	4	1	.5	22	2	2	12	1	74	2	1
L21W 1350S	1.3	26	1	1.3	15	2	1	7	3	63	4	1

(VALUES IN PPM) AU-PPB	
L19W 975S	6
L19W 1000S	23
L19W 1025S	10
L19W 1050S	12
L19W 1075S	12
L19W 1100S	20
L19W 1125S	50
L19W 1150S	16
L19W 1175S	76
L19W 1200S	72
L19W 1225S	24
L19W 1250S	60
L19W 1275S	3
L19W 1300S	9
L19W 1325S	11
L19W 1350S	4
L19W 1375S	32
L19W 1400S	28
L19W 1425S	8
L19W 1450S	10
L19W 1475S	12
L19W 1500S	15
L19W 1525S	7
L19W 1550S	13
L19W 1575S	15
L19W 1600S	15
L19W 1625S	21
L19W 1650S	12
L19W 1675S	2
L19W 1750S	29
L19W 1775S	72
L19W 1825S	9
L19W 1850S	5
L19W 1925S	40
L19W 1950S	10
L19W 1975S	38
L19W 2000S	10
L21W 800S	25
L21W 825S	3
L21W 850S	5
L21W 875S	33
L21W 900S	16
L21W 925S	70
L21W 950S	215
L21W 975S	48
L21W 1000S	26
L21W 1025S	24
L21W 1050S	34
L21W 1075S	25
L21W 1100S	10
L21W 1125S	7
L21W 1150S	8
L21W 1175S	15
L21W 1225S	6
L21W 1250S	3
L21W 1275S	2
L21W 1300S	2
L21W 1325S	3
L21W 1375S	9
L21W 1350S	4

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P11+12

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM)	AG	AS	BI	CD	CU	MO	NI	PB	SB	ZN	SN	CR
L21W 1400S	1.2	15	4	3.8	75	3	18	11	3	251	2	5
L21W 1425S	.7	12	3	1.8	15	2	2	6	4	107	1	4
L21W 1450S	.8	12	2	.2	13	1	2	13	1	124	2	4
L21W 1475S	.5	16	1	1.9	17	1	3	15	3	106	2	5
L21W 1500S	1.1	10	1	1.4	15	2	3	14	2	110	1	1
L21W 1525S	1.0	6	3	4.1	113	2	27	20	1	91	1	49
L21W 1550S	.6	2	3	3.4	46	3	4	12	4	98	2	26
L21W 1575S	.8	26	4	2.3	39	3	3	9	3	147	3	15
L21W 1600S	.6	7	1	.7	12	1	2	7	1	59	1	1
L21W 1625S	.8	4	4	3.5	39	2	4	12	2	95	3	42
L21W 1700S	.8	13	4	3.6	101	3	25	16	1	136	4	34
L21W 1725S	.7	6	4	1.9	41	2	3	11	2	126	2	23
L21W 1750S	.5	20	4	2.7	64	1	2	12	1	145	3	32
L21W 1775S	.8	11	4	3.8	90	1	12	9	2	128	3	38
L21W 1800S	.8	5	4	3.9	122	1	28	6	3	180	1	44
L21W 1825S	1.1	1	4	4.2	44	1	5	6	5	144	3	40
L21W 1850S	.8	2	5	4.2	105	2	19	12	3	159	2	41
L21W 1875S	1.0	1	5	4.3	81	3	13	9	4	135	2	55
L21W 1900S	1.2	4	5	4.8	102	3	21	7	3	114	2	51
L21W 1925S	1.8	29	9	8.4	219	2	56	17	6	177	4	84
L21W 1950S	1.6	13	6	6.1	139	5	38	7	4	135	2	62
L21W 1975S	1.0	23	3	4.5	72	1	11	7	3	121	1	36
L21W 2000S	1.5	8	7	5.8	206	2	41	9	5	131	3	61
L23W 300S	.7	2	2	1.4	36	1	1	12	3	89	1	5
L23W 325S	1.0	1	7	2.5	117	2	6	8	3	118	1	28
L23W 350S	.7	15	7	4.1	123	1	4	12	5	77	1	1
L23W 375S	1.6	16	4	2.1	41	1	2	11	3	88	3	2
L23W 400S	1.1	18	2	2.5	52	1	1	13	3	54	3	5
L23W 425S	.4	29	4	2.7	94	2	14	13	4	65	2	10
L23W 450S	1.0	14	6	3.9	50	2	13	9	4	89	2	14
L23W 500S	2.6	107	6	5.4	284	3	24	37	7	138	8	11
L23W 525S	2.9	42	14	11.8	397	9	22	12	14	340	3	17
L23W 550S	2.0	96	8	6.5	176	7	10	11	12	204	8	3
L23W 675S	.8	113	8	9.6	22	31	13	17	16	149	12	17
L23W 700S	1.2	58	9	9.4	33	22	39	43	19	98	12	46
L23W 750S	.8	12	6	5.3	37	2	18	10	4	96	9	33
L23W 775S	.8	18	5	6.2	71	4	40	5	5	123	4	110
L23W 800S	.7	13	5	4.3	18	1	21	7	2	184	1	22
L23W 825S	.8	13	4	4.8	28	2	28	17	6	202	6	34
L23W 850S	.8	4	2	2.3	20	2	2	12	4	146	5	15
L23W 875S	.8	18	4	3.2	17	2	3	11	3	210	3	3
L23W 900S	.8	4	2	.3	15	1	2	7	3	106	1	1
L23W 925S	.6	7	2	2.2	17	1	3	6	3	111	1	1
L23W 950S	.8	12	5	4.8	40	3	24	8	3	337	3	25
L23W 975S	1.0	18	4	3.4	42	1	12	17	4	132	6	30
L23W 1000S	.8	1	1	1.0	12	1	1	7	2	51	1	5
L23W 1025S	1.0	14	5	4.1	27	2	3	12	5	155	4	13
L23W 1050S	1.7	86	5	6.0	36	5	51	22	5	300	10	49
L23W 1075S	1.3	3	4	6.6	18	2	13	12	2	202	7	17
L23W 1125S	.8	7	4	4.8	35	1	11	7	2	159	10	31
L23W 1150S	1.1	12	5	3.4	31	1	4	7	5	134	3	32
L23W 1175S	.6	1	2	.2	9	1	1	8	1	70	2	1
L23W 1200S	.8	5	4	2.1	13	2	1	12	2	169	2	1
L25W 300S	.7	4	5	3.4	19	1	2	8	2	124	1	14
L25W 325S	.8	16	1	2.5	24	1	12	14	2	124	1	30
L25W 350S	.7	19	1	2.3	18	1	16	10	1	132	1	23
L25W 375S	.7	20	4	5.2	49	2	15	16	2	120	1	37
L25W 425S	.6	13	4	4.6	38	2	25	8	3	158	1	65
L25W 450S	.6	5	2	1.9	16	1	8	10	2	129	2	38
L25W 475S	.8	90	4	3.5	19	3	3	6	1	119	5	29

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P11+12

ATTENTION: C.J.WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: JUNE 23, 1987

(VALUES IN PPM)	AU-PPB
L21W 1400S	2
L21W 1425S	2
L21W 1450S	4
L21W 1475S	8
L21W 1500S	1
L21W 1525S	11
L21W 1550S	6
L21W 1575S	12
L21W 1600S	4
L21W 1625S	30
L21W 1700S	25
L21W 1725S	29
L21W 1750S	12
L21W 1775S	17
L21W 1800S	11
L21W 1825S	8
L21W 1850S	37
L21W 1875S	27
L21W 1900S	32
L21W 1925S	22
L21W 1950S	12
L21W 1975S	38
L21W 2000S	3
L23W 300S	3
L23W 325S	4
L23W 350S	11
L23W 375S	5
L23W 400S	2
L23W 425S	6
L23W 450S	5
L23W 500S	68
L23W 525S	67
L23W 550S	122
L23W 675S	20
L23W 700S	8
L23W 750S	4
L23W 775S	6
L23W 800S	3
L23W 825S	1
L23W 850S	3
L23W 875S	27
L23W 900S	7
L23W 925S	4
L23W 950S	11
L23W 975S	4
L23W 1000S	3
L23W 1025S	5
L23W 1050S	2
L23W 1075S	3
L23W 1125S	24
L23W 1150S	3
L23W 1175S	2
L23W 1200S	5
L25W 300S	5
L25W 325S	3
L25W 350S	2
L25W 375S	3
L25W 425S	5
L25W 450S	2
L25W 475S	8

PROJECT NO: 8707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-595S/P13+14

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM)	AG	AS	BI	CD	CU	MO	NI	PB	SB	ZN	SN	CR
L25W 500S	.5	19	4	4.5	24	1	11	16	2	124	1	58
L25W 525S	.7	19	4	2.7	22	1	1	12	1	183	5	24
L25W 575S	1.1	30	5	4.7	75	2	41	16	3	319	2	72
L25W 600S	.7	10	5	5.8	61	3	51	5	5	185	9	83
L25W 625S	1.3	11	3	3.1	95	3	13	15	2	280	1	7
L25W 650S	.3	16	3	2.1	21	1	2	9	1	129	2	4
L25W 675S	.7	30	6	3.5	67	2	10	15	4	259	1	3
L25W 700S	.6	9	2	2.2	19	1	3	11	2	89	3	5
L25W 725S	.4	6	1	2.5	19	1	1	11	1	87	3	1
L25W 750S	.5	2	3	1.8	19	2	1	13	1	163	4	4
L25W 775S	.5	285	6	6.0	100	1	24	16	4	249	8	11
L25W 800S	.5	198	4	5.4	85	1	21	16	4	179	1	37
L25W 825S	.3	13	3	1.8	19	2	1	7	2	125	4	6
L25W 850S	.7	10	5	4.5	81	3	25	17	2	108	3	34
L25W 875S	.4	12	1	1.8	17	1	2	10	1	110	1	2
L25W 900S	.9	7	3	2.6	25	1	1	9	1	119	4	21
L25W 925S	.7	8	2	1.7	15	2	1	10	2	129	4	1
L27W 300S	.6	20	4	2.9	19	1	3	15	1	130	3	2
L27W 325S	.6	3	3	2.3	23	2	2	10	2	98	4	13
L27W 350S	.6	128	5	6.2	152	1	45	12	4	137	7	59
L27W 375S	.6	5	4	3.3	38	2	3	7	3	183	6	4
L27W 400S	.4	2	3	1.5	22	1	3	12	1	89	5	7
L27W 425S	.5	43	4	4.4	22	2	2	15	5	137	6	15
L27W 450S	.8	36	5	4.1	46	1	8	7	4	174	8	9
L27W 500S	1.3	29	4	3.1	21	2	2	19	1	194	13	1
L27W 525S	N/S											
L27W 550S	.7	21	4	3.9	56	1	33	16	3	243	7	6
L27W 575S	.9	4	4	4.6	42	2	7	16	4	186	4	14
L27W 600S	1.1	26	6	6.9	60	2	17	13	6	258	2	11
L27W 675S	.8	27	3	4.9	20	2	13	13	2	247	4	5
L27W 700S	.6	1	5	3.3	23	2	3	6	1	112	5	7
L27W 725S	.7	1	3	4.6	27	2	1	14	3	235	4	25
L27W 750S	.7	15	4	1.8	12	2	1	6	1	148	3	1
L27W 775S	.7	21	5	4.8	66	1	16	10	1	160	2	52
L27W 800S	1.2	7	2	41.6	52	2	334	11	2	665	5	25
L27W 825S	.6	26	5	4.0	36	3	10	8	3	125	4	44
L27W 850S	.6	9	4	3.6	31	2	2	7	1	102	2	24
L27W 875S	1.0	1	4	3.5	138	4	27	15	1	82	8	16
L27W 900S	.6	13	4	2.0	28	1	4	7	1	55	5	13
L27W 925S	.7	12	1	.9	19	1	1	10	1	52	2	13
L27W 950S	.8	17	2	2.5	18	2	4	11	1	88	5	3
L27W 975S	.7	14	4	2.8	14	3	1	14	2	106	2	6
L29W 300S	.6	10	5	2.6	43	1	4	15	2	106	2	33
L29W 350S	.5	12	3	2.3	35	1	1	9	2	86	4	20
L29W 375S	.6	9	5	3.4	33	3	2	13	2	107	5	28
L29W 400S	.9	17	5	4.0	53	2	6	14	2	121	9	36
L29W 425S	.5	9	5	3.7	36	2	2	7	1	144	6	35
L29W 450S	.8	6	4	4.1	29	3	1	13	1	307	1	7
L29W 475S	.7	12	5	3.0	41	3	11	13	2	207	4	52
L29W 500S	.8	15	4	3.9	47	1	60	11	2	244	3	47
L29W 525S	1.1	17	4	4.4	55	1	77	6	1	315	6	57
L29W 550S	1.0	6	5	5.2	34	1	48	15	1	342	2	41
L29W 575S	1.2	5	3	7.9	41	1	50	13	3	224	6	36
L29W 600S	.9	3	3	4.5	21	2	13	14	1	193	8	39
L29W 625S	.9	.8	3	2.8	25	2	22	9	1	173	5	30
L29W 650S	1.5	19	2	7.7	23	3	33	11	2	345	2	5
L29W 675S	.6	2	5	6.0	74	1	39	11	4	165	5	63
L29W 700S	1.1	4	4	11.1	51	4	54	11	1	429	7	42

PROJECT NO: B707 HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-5955/P13+14

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JUNE 23, 1987

(VALUES IN PPM) AU-PPB

L25W 500S	7
L25W 525S	8
L25W 575S	5
L25W 600S	3
L25W 625S	35
L25W 650S	10
L25W 675S	15
L25W 700S	5
L25W 725S	3
L25W 750S	8
L25W 775S	20
L25W 800S	25
L25W 825S	4
L25W 850S	14
L25W 875S	3
L25W 900S	20
L25W 925S	4
L27W 300S	2
L27W 325S	3
L27W 350S	6
L27W 375S	2
L27W 400S	1
L27W 425S	5
L27W 450S	2
L27W 500S	1
L27W 525S	N/S
L27W 550S	3
L27W 575S	2
L27W 600S	2
L27W 675S	2
L27W 700S	2
L27W 725S	7
L27W 750S	2
L27W 775S	15
L27W 800S	3
L27W 825S	4
L27W 850S	2
L27W 875S	5
L27W 900S	3
L27W 925S	14
L27W 950S	2
L27W 975S	2
L29W 300S	13
L29W 350S	2
L29W 375S	10
L29W 400S	36
L29W 425S	4
L29W 450S	2
L29W 475S	23
L29W 500S	12
L29W 525S	4
L29W 550S	2
L29W 575S	4
L29W 600S	1
L29W 625S	2
L29W 650S	12
L29W 675S	3
L29W 700S	2

COMPANY: TERRANE RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

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(ACT:616) PAGE 1 OF 1

PROJECT NO: HAIDA

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-664

ATTENTION: C.J. WESTERMAN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: JULY 6, 1987

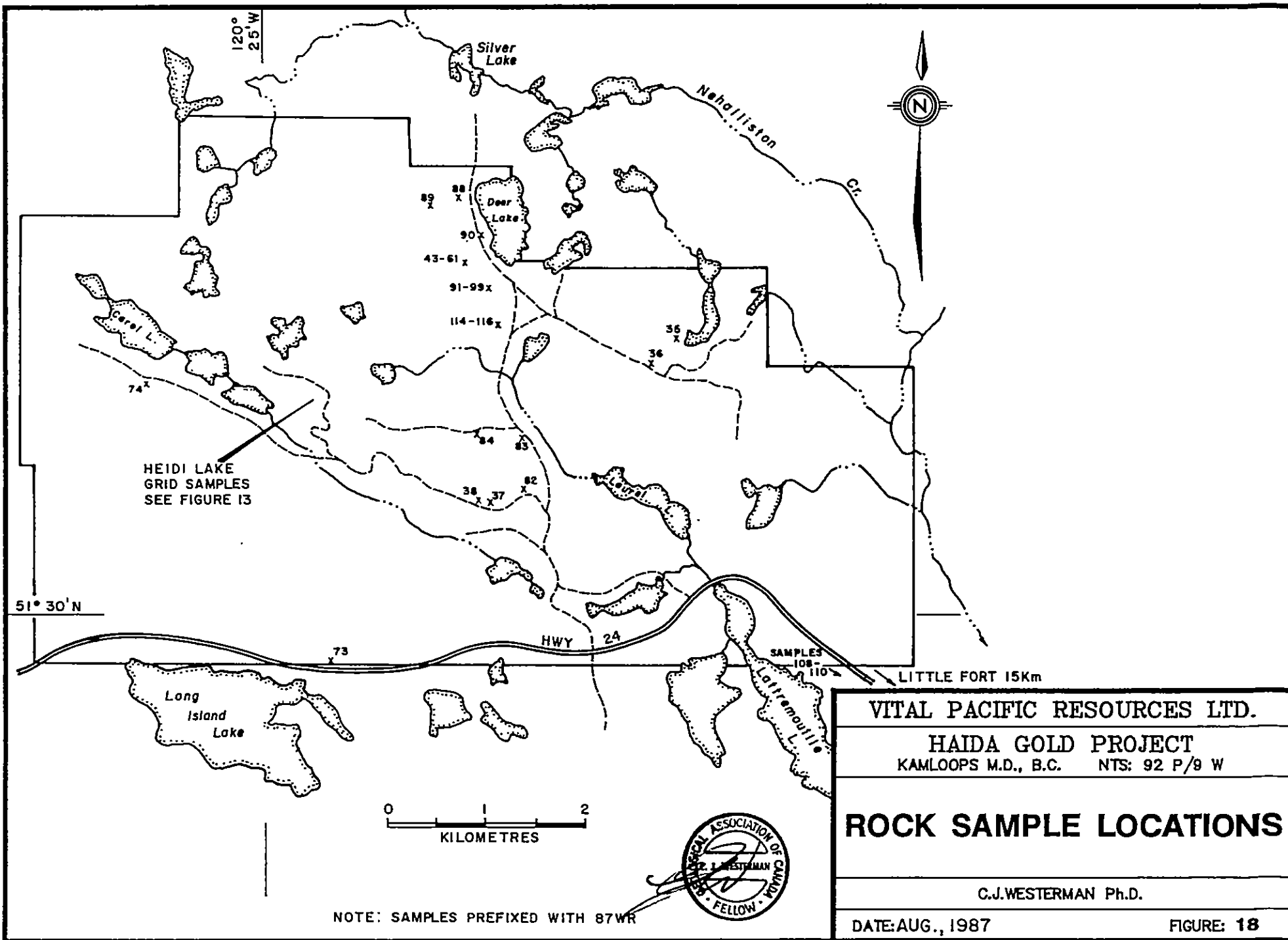
(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L24M 790S	.5	28	37	13	2	202	3
L24M 800S	.4	11	12	7	2	132	4
L24M 810S	.4	27	24	12	2	164	3
L25M 800S	1.0	34	26	9	1	159	12
L25M 825S	.3	9	14	5	2	65	3
L25M 850S	.7	17	20	9	3	130	8
L26M 840S	.8	7	11	17	2	173	13
L26M 850S	1.4	29	24	17	2	299	7
L26M 860S	.9	25	53	7	1	120	9

APPENDIX 5

ROCK SAMPLE LIST

87WR	35	f.g. siliceous siltstone hornfels, 4% py, po dissem.
	36	f.g. siliceous calc-silicate, 4% po.
	37	f.g. siliceous hornfels, 5% diss. py.
	38	weakly foliated quartz diorite
	39	f.g. siliceous hornfels, 5% diss. py.
	40	float, sulphide skarn pod, trace tetrahedrite.
	41	siliceous skarn, 6% pyrite.
	42	m.g. diopside skarn, 3% pyrite.
	43	siliceous diopside skarn, 4% pyrite.
	43A-49	1 m chips, po. skarn.
	50	pale diopside skarn, f.gr.
	51	diopside skarn, f.gr., 5% pyrite.
	52	f.gr. diopside skarn.
	53-55	2 m chips, coarse gr. diopside skarn, strong hematite stain.
	56-61	2 m chips, fine gr. siliceous calc-silicate, limonite stain.
	62, 63	f.gr. pyritic siltstones, 5% pyr.
87WR	73	f.gr. pyritic siltstone.
	74	black pyritic argillite.
	75	f.gr. pyritic siltstone.
	76	grey siltstone with pyrite rich laminations.
	77	grey siltstone, 3% dissem. py.
	78	v.fg. white silicified argillite.
	79	banded grey silty limestone.
	80	f.gr. siltstone, 4% dissem. pyr.
	81	float, small boulders almost massive f.gr. pyrite.
	82	banded tuffaceous siltstone, mod. silicified, pyrite rich laminations.
	83	andesitic tuff, 2% dissem. py.
	84	andesitic tuff, 2% dissem. py.
	85	f.gr. pyrite rich pods in banded grey limestones.
	87	f.gr. pyritic siltstone.
	88	f.gr. andesite, strongly pyritic up to -20%.
	89	thin banded siltstone, 2% veinlet pyrite.
	90	small pod of heavily dissem. f.gr. pyrite in grey limestone.
	91	1 m chip pyrrhotite skarn.
	92	2.1 m chip limonitic silicified calc-silicate.
	93	1.8 m chip limonitic silicified calc-silicate.
	94	1.1 m chip pyrrhotite skarn.
	95	dump, massive pyrrhotite skarn.
	96	carbonaceous black argillite with coarse pyrite stringers, dump.
	97	dump, pyrrhotite skarn.
	98	pale siliceous calc-silicate.
	99	f.gr. pyrrhotite skarn.
	100	f.gr. silicified calc-silicate, float.
	101	f.gr. silicified calc-silicate, float.
	102	white chert or silicified argillite, float.
	103	f.gr. banded siliceous calc-silicate, 4% diss. py.
	104	boulders, f.gr. andesitic tuff or contact phase of diorite intrusive.
	105	f.gr. siliceous calc-silicate, 3% po.
	106	f.gr. siliceous calc-silicate, 3% po.
	108-110	limonitic fault zones on Hwy 24.
	111	f.gr. siliceous calc-silicate.
	112	cherty lapilli tuff and chert bx with argillite frags.
	113	m.gr. Tapilli tuff with andesite, chert, argillite frags.
	114	c.gr. pyrrhotite-diopside skarn.
	115	c.gr. pyrrhotite-diopside skarn, 2 m chip.
	116	c.gr. pyrrhotite-diopside skarn, 2 cm chip.
87WR	149	pyrrhotite skarn.
	152	c.gr. pyroxene gabbro with interstitial pyrrhotite - 4%.
	154	f.gr. pyritic siltstone, 1 m chip.
	155	f.gr. pyritic siltstone, 1 m chip.
	156	grey dolomite, 1 m chip.
	157	graphitic argillite.
	158	f.gr. pyritic siltstone.
	159	f.gr. diopside - garnet skarn.
	160-163	pyritic siltstones.

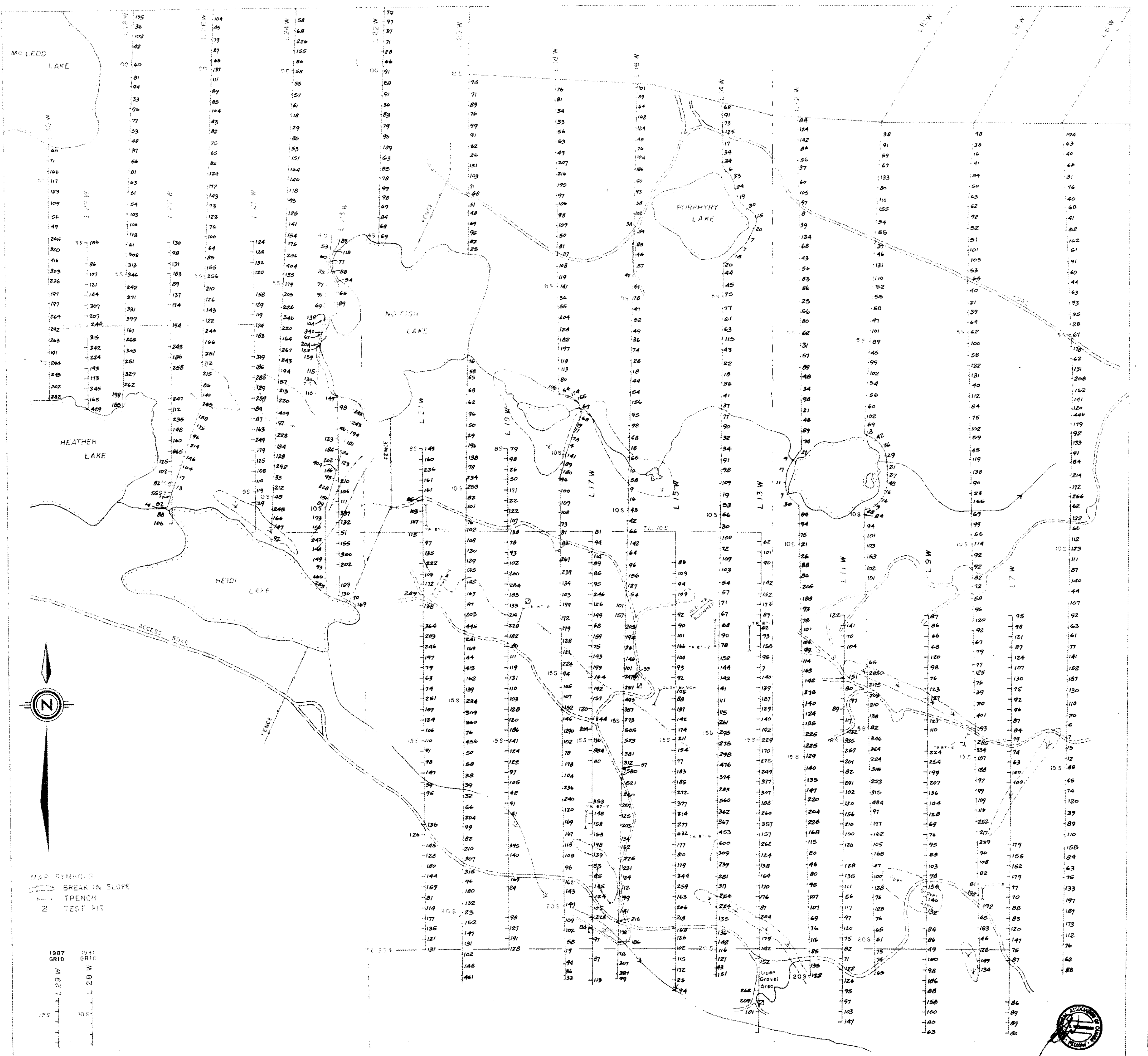
All samples are multichip character samples unless otherwise stated.



HEIDI LAKE
GRID SAMPLES
SEE FIGURE 13

VITAL PACIFIC RESOURCES LTD.	
HAIDA GOLD PROJECT	
KAMLOOPS M.D., B.C.	NTS: 92 P/9 W
ROCK SAMPLE LOCATIONS	
C.J.WESTERMAN Ph.D.	
DATE: AUG., 1987	FIGURE: 18

NOTE: SAMPLES PREFIXED WITH 87WR



MAP SYMBOLS
 BREAK IN SLOPE
 TRENCH
 TEST PIT

1987 GRID
 29 W
 28 W
 15 S
 10 S

● ROCK SAMPLE LOCATION

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 Part 1 of 2**

16,223

0 100 200 300 400 500 m
 SCALE IN METRES

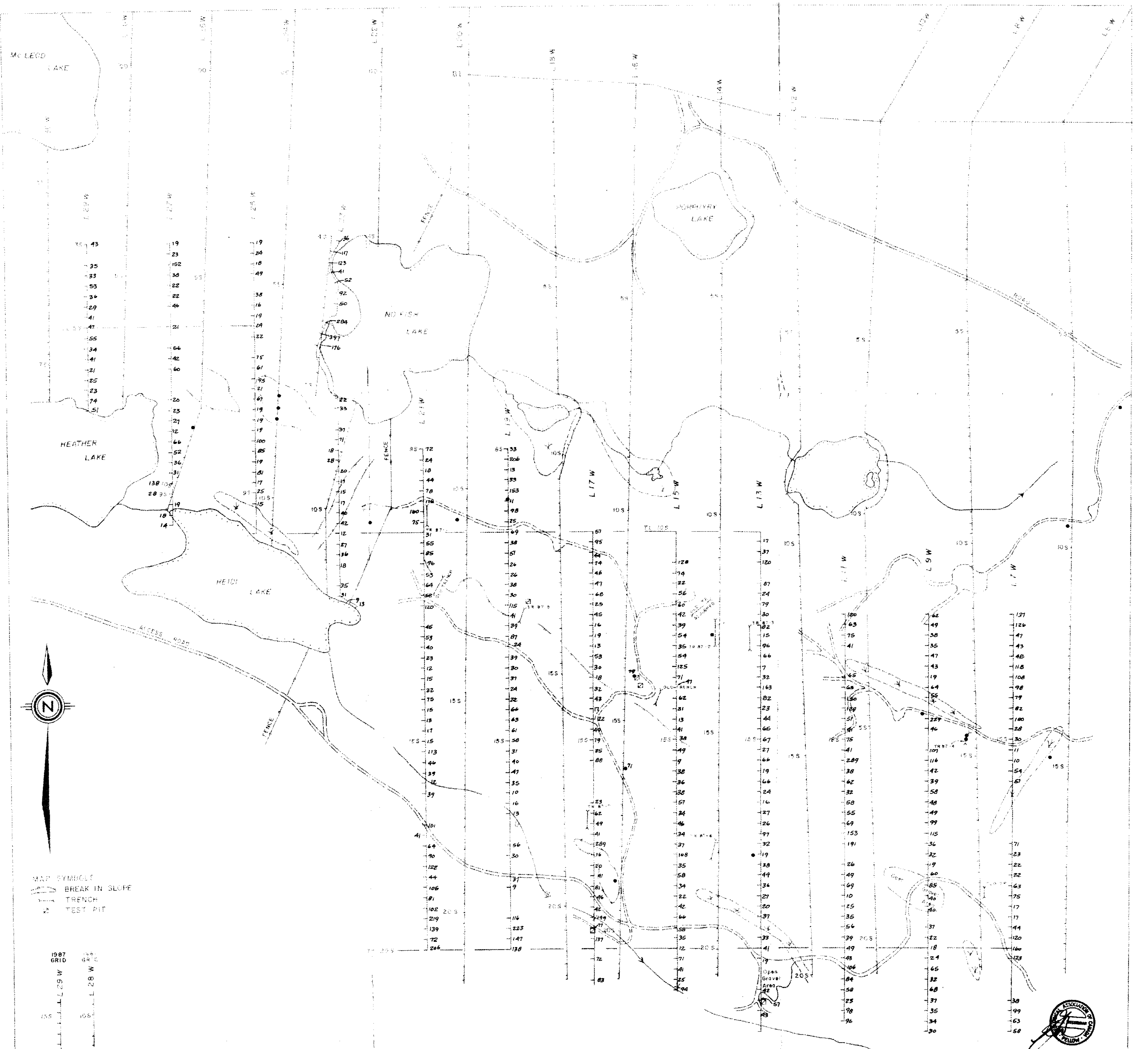
VITAL PACIFIC RESOURCES LTD.
 HAIDA GOLD PROJECT
 KAMLOOPS MINING DIVISION, B.C. NTS: 92P/9W

**GEOCHEMICAL SURVEY
 ZINC RESULTS (p.p.m.)
 HEIDI LAKE GRID**

G.J. WESTERMAN PR.D. - CONSULTING GEOLOGIST
 TERRANE RESOURCE MANAGEMENT INC.

DATE: JULY, 1987





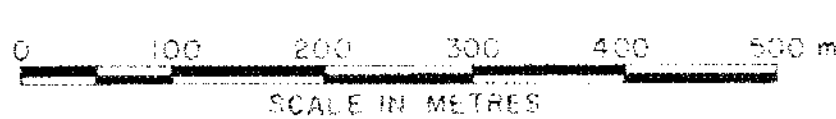
MAP SYMBOLS
 [Symbol] BREAK IN SLOPE
 [Symbol] TRENCH
 [Symbol] TEST PIT

1987 GRID
 W 29 L 28
 W 28 L 27

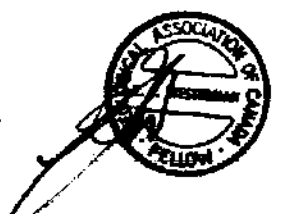
● ROCK SAMPLE LOCATION

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

Part 1 of 2
16,223



VITAL PACIFIC RESOURCES LTD. Haida Gold Project Kamloops Mining Division, B.C. N/S: 92P/GW	
GEOCHEMICAL SURVEY COPPER RESULTS (p.p.m.) HEIDI LAKE GRID	
G. WESTERMAN PH.D. - CONSULTING GEOLOGIST TERRANE RESOURCE MANAGEMENT INC.	
DATE: JULY, 1987	FIGURE: 17





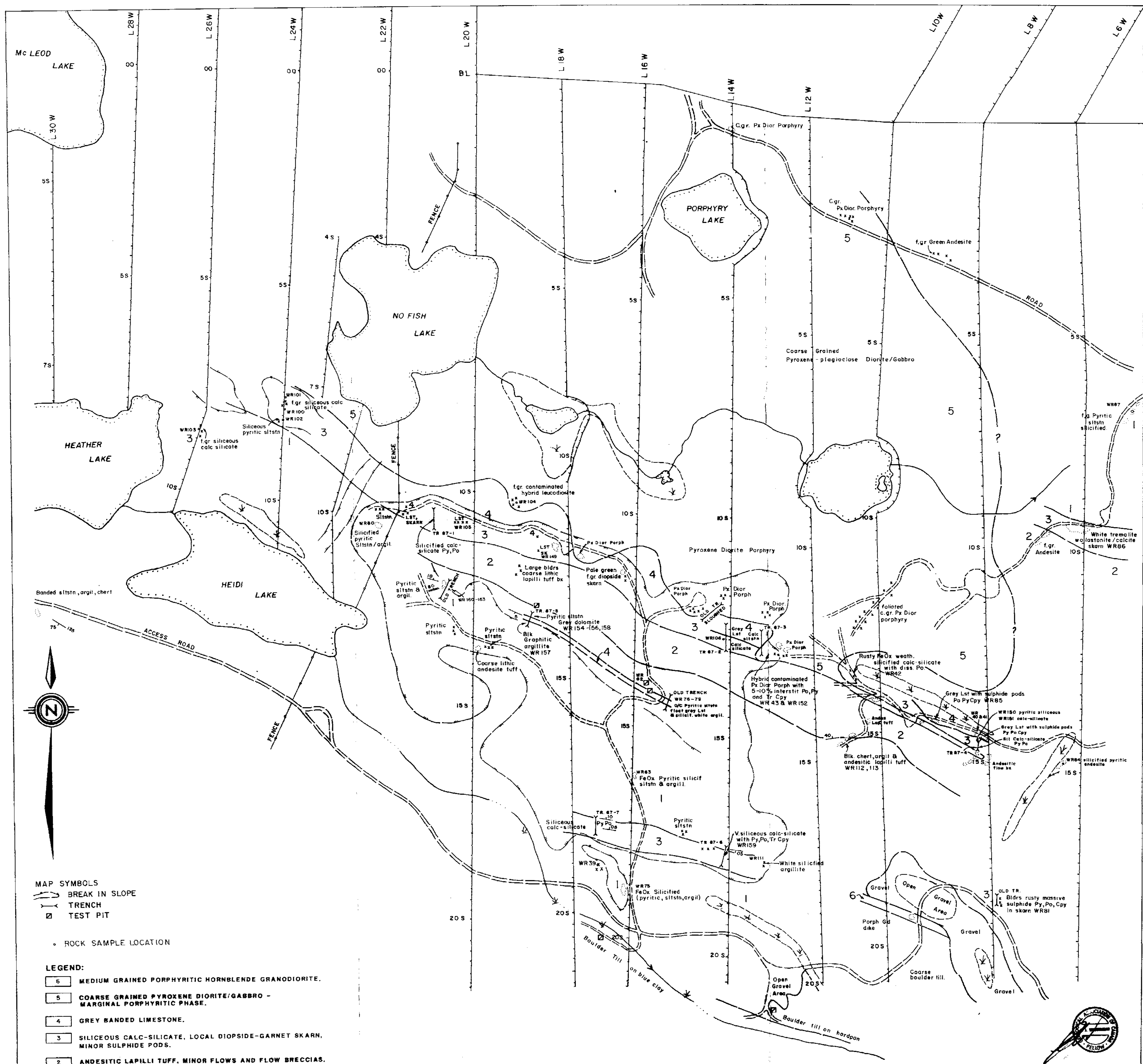
151 ROCK SAMPLE LOCATION
 GOLD VALUE IN ppb (FIRE ASSAY)

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 Part 1 of 2**

16,223

0 100 200 300 400 500 m
 SCALE IN METRES

VITAL PACIFIC RESOURCES LTD.	
HAIDA GOLD PROJECT	
KAMLOOPS MINING DIVISION, B.C. NTS. 92P/9W	
GEOCHEMICAL SURVEY	
GOLD RESULTS (p.p.b.)	
HEIDI LAKE GRID	
G. WESTERMAN P. O. CONSULTING GEOLOGIST TERRANE RESOURCE MANAGEMENT INC.	
DATE: JULY, 1987	FIGURE: 14



MAP SYMBOLS
 — BREAK IN SLOPE
 — TRENCH
 □ TEST PIT
 • ROCK SAMPLE LOCATION

- LEGEND:
- 6 MEDIUM GRAINED PORPHYRITIC HORNBLENDE GRANODIORITE.
 - 5 COARSE GRAINED PYROXENE DIORITE/GABBRO - MARGINAL PORPHYRITIC PHASE.
 - 4 GREY BANDED LIMESTONE.
 - 3 SILICEOUS CALC-SILICATE, LOCAL DIOPSIDE-GARNET SKARN, MINOR SULPHIDE PODS.
 - 2 ANDESITIC LAPILLI TUFF, MINOR FLOWS AND FLOW BRECCIAS.
 - 1 BANDED SILTSTONE-ARGILLITE-CHELT-TUFF WITH 2-5% DISSEMINATED PYRITE. MINOR BLACK GRAPHITIC ARGILLITE.

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 Part 1 of 2
16,223

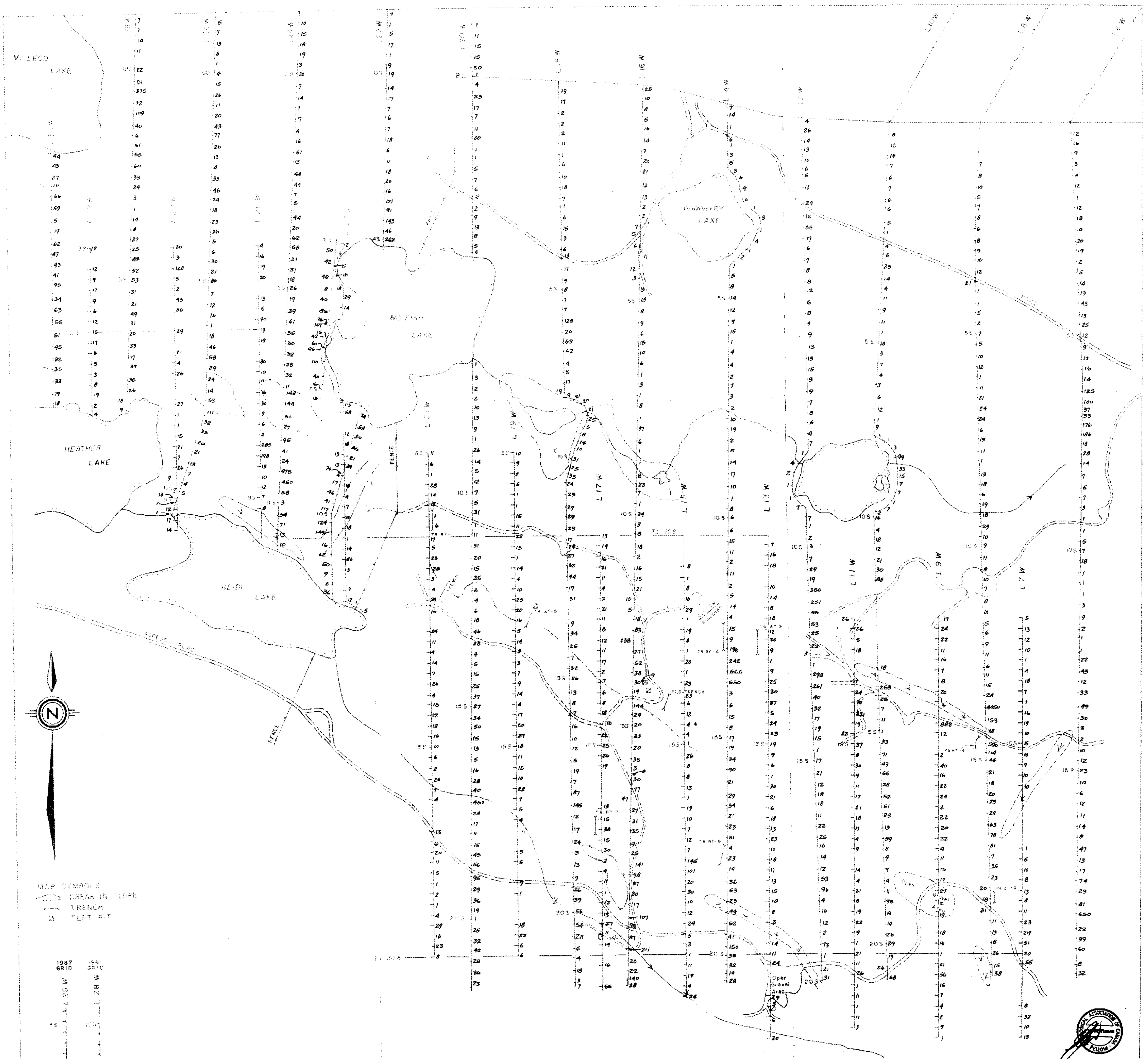
0 100 200 300 400 500 m
 SCALE IN METRES

VITAL PACIFIC RESOURCES LTD.
 HAIDA GOLD PROJECT
 KAMLOOPS MINING DIVISION, B.C. NTS: 92P/9W

**HEIDI LAKE GRID
 GEOLOGY**

C.J. WESTERMAN Ph.D. - CONSULTING GEOLOGIST
 TERRANE RESOURCE MANAGEMENT INC.

DATE: JULY, 1987 FIGURE: 13



MAP SYMBOLS
 --- BREAK IN SLOPE
 - - - TRENCH
 □ TEST PIT

1987 GRID
 100m
 200m
 300m
 400m
 500m

• ROCK SAMPLE LOCATION

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**
 Part 1 of 2

16,223

0 100 200 300 400 500 m
 SCALE IN METRES

VITAL PACIFIC RESOURCES LTD.
 HAIDA GOLD PROJECT
 KAM: OOPS MINING DIVISION, B.C. NTS: 92P/9W

**GEOCHEMICAL SURVEY
 ARSENIC RESULTS (p.p.m.)
 HEIDI LAKE GRID**

C.J. WESTERMAN Ph.D. CONSULTING GEOLOGIST
 TERRANE RESOURCE MANAGEMENT INC.

DATE: JULY, 1987

