

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 90.12.27

ASSESSMENT REPORT 20000

MINING DIVISION: Kamloops

PROPERTY: Last Chance
LOCATION: LAT 50 56 00 LONG 120 55 00
UTM 10 5644259 646394
NTS 092I15W
CLAIM(S): LC 1-4
OPERATOR(S): Minnova
AUTHOR(S): Evans, G.W.
REPORT YEAR: 1990, 58 Pages
COMMODITIES
SEARCHED FOR: Mercury, Arsenic, Silver, Gold
KEYWORDS: Andesites, Basalts, Conglomerates, Breccias
WORK
DONE: Geological, Geochemical, Geophysical, Physical
EMGR 19.2 km; VLF
Map(s) - 4; Scale(s) - 1:2500
GEOL 1800.0 ha
Map(s) - 1; Scale(s) - 1:2500
LINE 22.2 km
MAGG 19.2 km
Map(s) - 2; Scale(s) - 1:2500
ROCK 61 sample(s) ; ME
SOIL 790 sample(s) ; ME
Map(s) - 5; Scale(s) - 1:2500
TREN 118.0 m 10 trench(es)
RELATED
REPORTS: 17416
MINFILE: 092INE062

FILMED

LOG NO:	0524
ACTION:	
FILE NO:	

GEOLOGICAL AND GEOCHEMICAL REPORT

L.C. GROUP CLAIMS

Kamloops Mining Division

NTS 92 I/15

Long: 120°57'W Lat: 50°54'N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,000

Minnova Inc.
Vancouver, B.C.

Graeme Evans
May 15, 1990

Table of Contents

	page
1.0 Introduction	
1.1 General	1
1.2 Location and Access	1
1.3 Physiography	1
1.4 Property and Ownership	1
1.5 History	2
1.6 Summary of Work Done	2
2.0 Results	
2.1 Regional Geology	3
2.2 Description of Rock Units (Property)	3
2.3 Discussion of Mapping Results	4
2.4 Soil Sample Results	5
2.5 Trenching Results	7
2.6 Magnetic Survey Interpretation	7
2.7 VLF-EM Survey Interpretation	8
2.8 Geophysical Results	8
3.0 Conclusions and Recommendations	10
4.0 Itemized Cost Statement	11
5.0 Statement of Qualifications	12

List of Appendices

Appendix I	Rock Sample Descriptions and Locations
Appendix II	Rock Sample Numbers and Results
Appendix III	Soil Sample Locations and Results

List of Tables

Table 1	1989 Work	p. 2
Table 2	Correlation Coefficient Matrix	after p. 6

List of Figures

		page
Figure 1	Property Location	after p. 1
Figure 2	Claim Configuration	after p. 1
Figure 3	Grid Location	after p. 2
Figure 4	Geology Map with trench and rock sample locations	in pocket
Figure 6	Trench 89-1	after p. 7
Figure 7	Trench 89-2	after p. 7
Figure 8	Trench 89-3	after p. 7
Figure 9	Trench 89-4	after p. 7
Figure 10	Trench 89-5	after p. 7
Figure 11	Trench 89-6	after p. 7
Figure 12	Trench 89-7	after p. 7
Figure 13	Trench 89-8	after p. 7
Figure 14	Trench 89-9	after p. 7
Figure 15	Trench 89-10	after p. 7
Figure 16	Sample Location Map	in pocket
Figure 17	Soil Sample Results Hg, As	in pocket
Figure 18	Soil Sample Results Ag, Au	in pocket
Figure 19	Soil Sample Results Cu, Pb, Zn	in pocket
Figure 20	Soil Sample Results Sb	in pocket
Figure 21	Total Field Mag. Profile Map	in pocket
Figure 22	Total Filed Mag. Contour Map	in pocket
Figure 23	VLF Profile Map (Seattle)	in pocket
Figure 24	VLF Fraser Filtered Contour Map (Seattle)	in pocket
Figure 25	VLF Profile Map (Annapolis)	in pocket
Figure 26	VLF Fraser filtered Contour Map (Annapolis)	in pocket

1.0 Introduction

1.1 General

Minnova Inc. owns the LC claims which lie over the junction of the Deadman River and Criss Creek, in the Deadman Valley and to the East on the North side of Criss Creek.

1.2 Location and Access (Figure 1)

The LC-5 claims are located 15 kilometres north of the junction of Highway 97 and the Deadman Valley road. Access on the west side of the claim group is via the Deadman Valley Road and the East via the Criss Creek logging road. The LC Group is located approximately 4 kilometres to the northeast on the Criss Creek logging road.

1.3 Physiography

The LC claims lie just above the Deadman Valley at elevations of 700 - 900 metres on the East side of the valley. The area has very little precipitation and a large temperature range from -40°C to +40°C. The valley is used for hay cultivation and cattle ranching while the hills are extensively logged.

1.4 Property and Ownership

The LC claims are 100% owned and operated by Minnova Inc.

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Expiry Date</u>
LC-1	6940	20	02/27/91
LC-2	6941	16	02/27/91
LC-3	6942	20	02/27/91
LC-4	6943	<u>18</u> 71	02/27/91
LC-5	6944	<u>20</u> 91	02/27/91

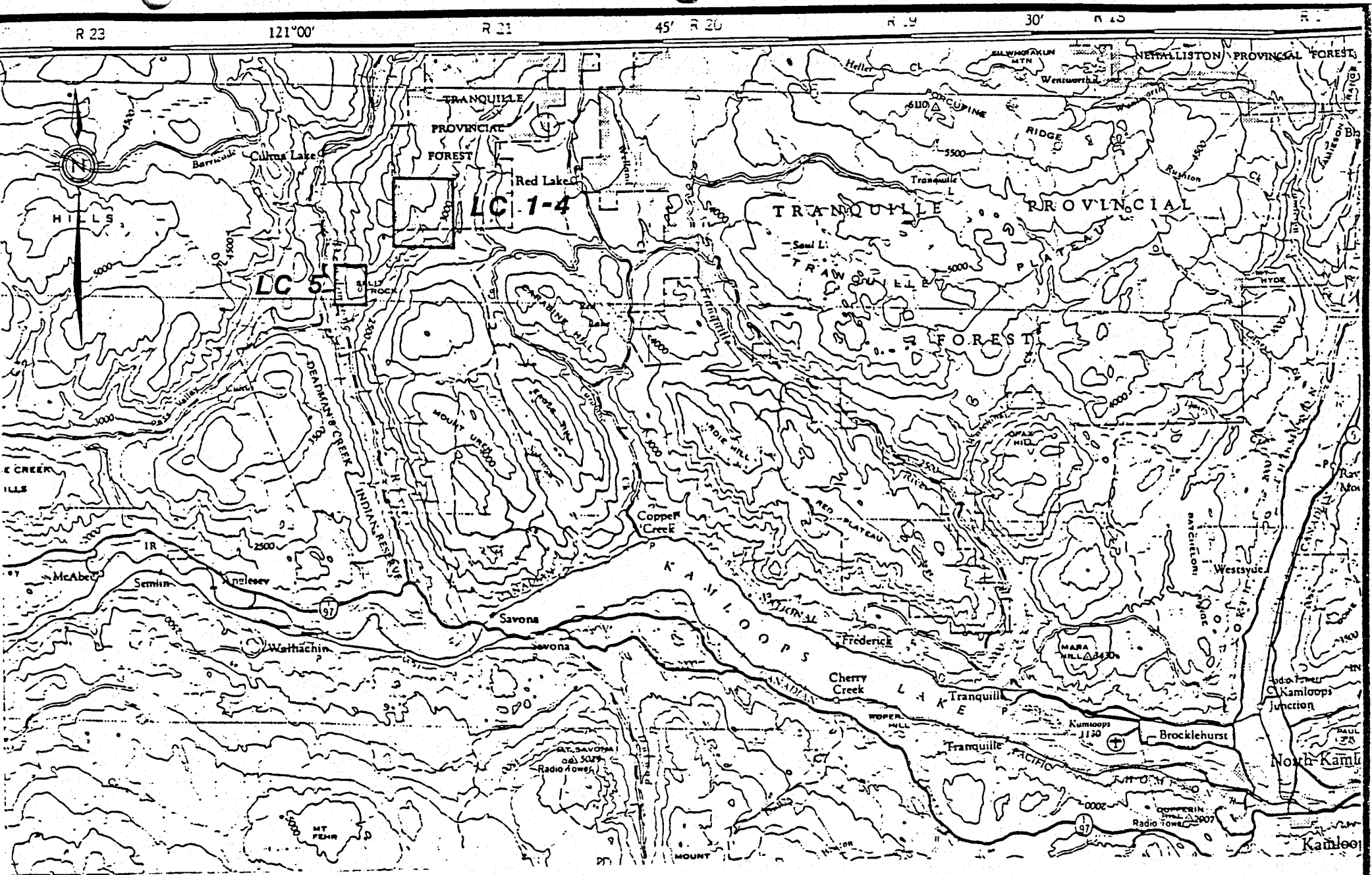
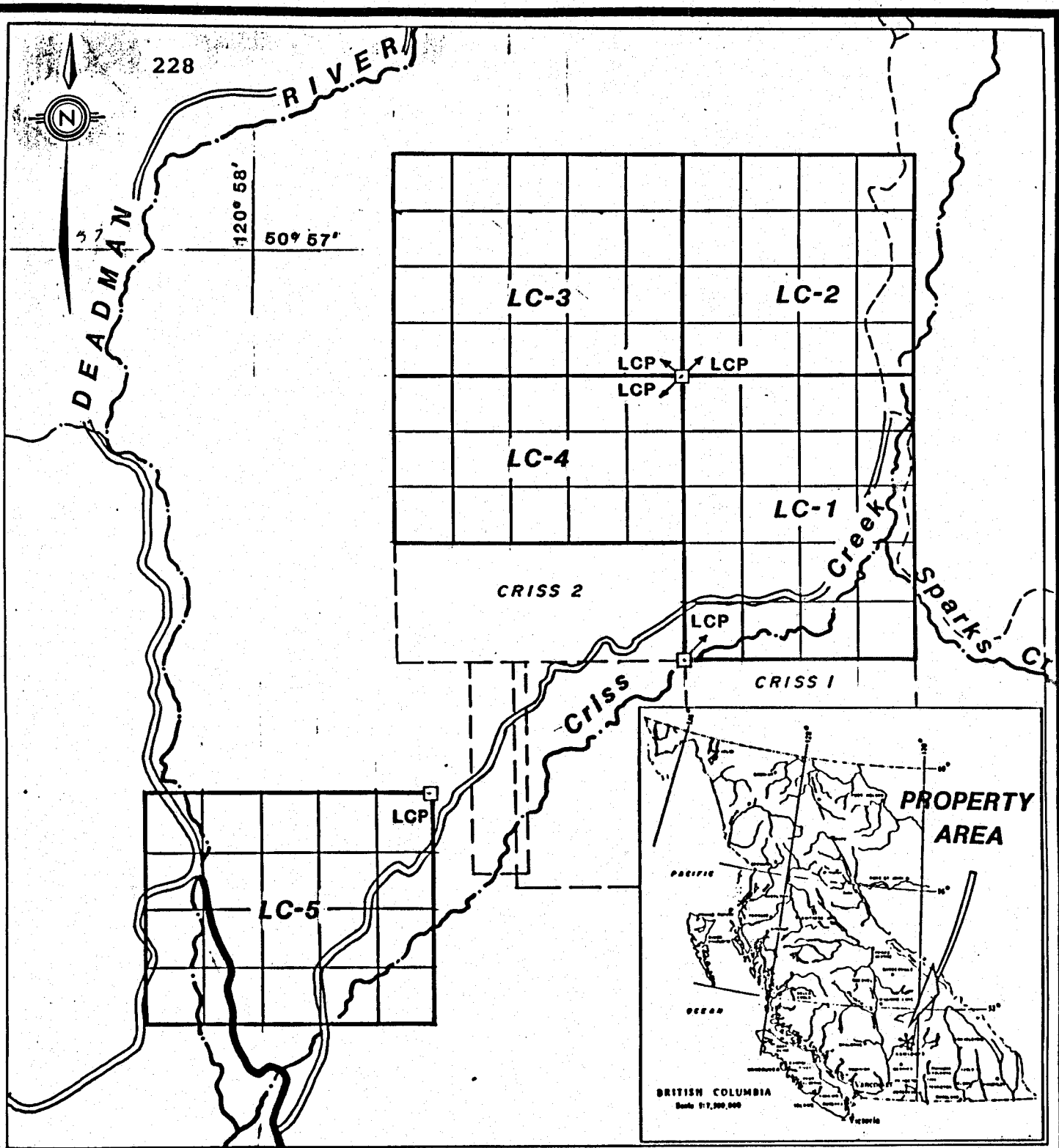


FIGURE 1
 APRIL 1987



NTS 921/15
LAST CHANCE PROPERTY

CLAIM CONFIGURATION.

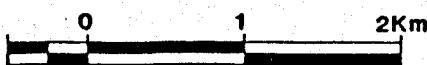


FIGURE 2

1.5 History

Criss Creek was mined for placer in the early 1900's. Selco-B.P. held the ground in the Deadman Valley as the DM claims. D. Gamble wrote assessment report #9729 which covers the geology and geochemistry of the Hoodoo grid. This grid covered much of the LC #5 area and describes a complex Tertiary history with sediments, rhyolites, basalts and a mafic breccia pipe know as "Split Rock". Assessment reports in the LC Group area include #9681 written for Placer Development with a grid established over the "Last Chance" showings and soils were taken along with a magnetometer survey.

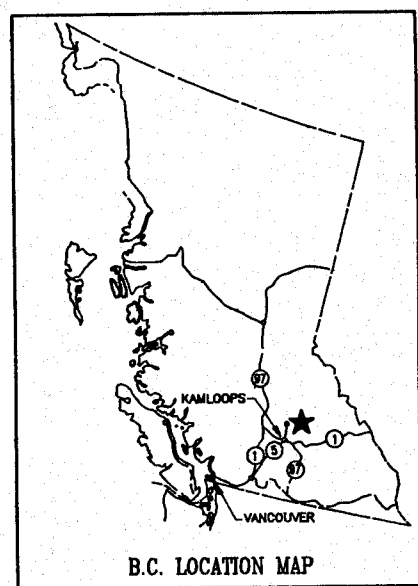
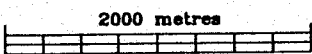
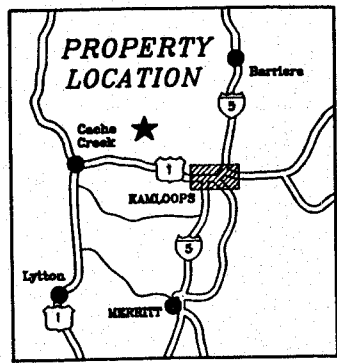
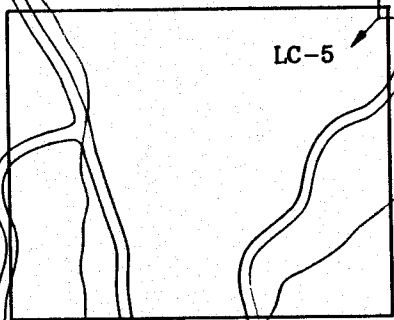
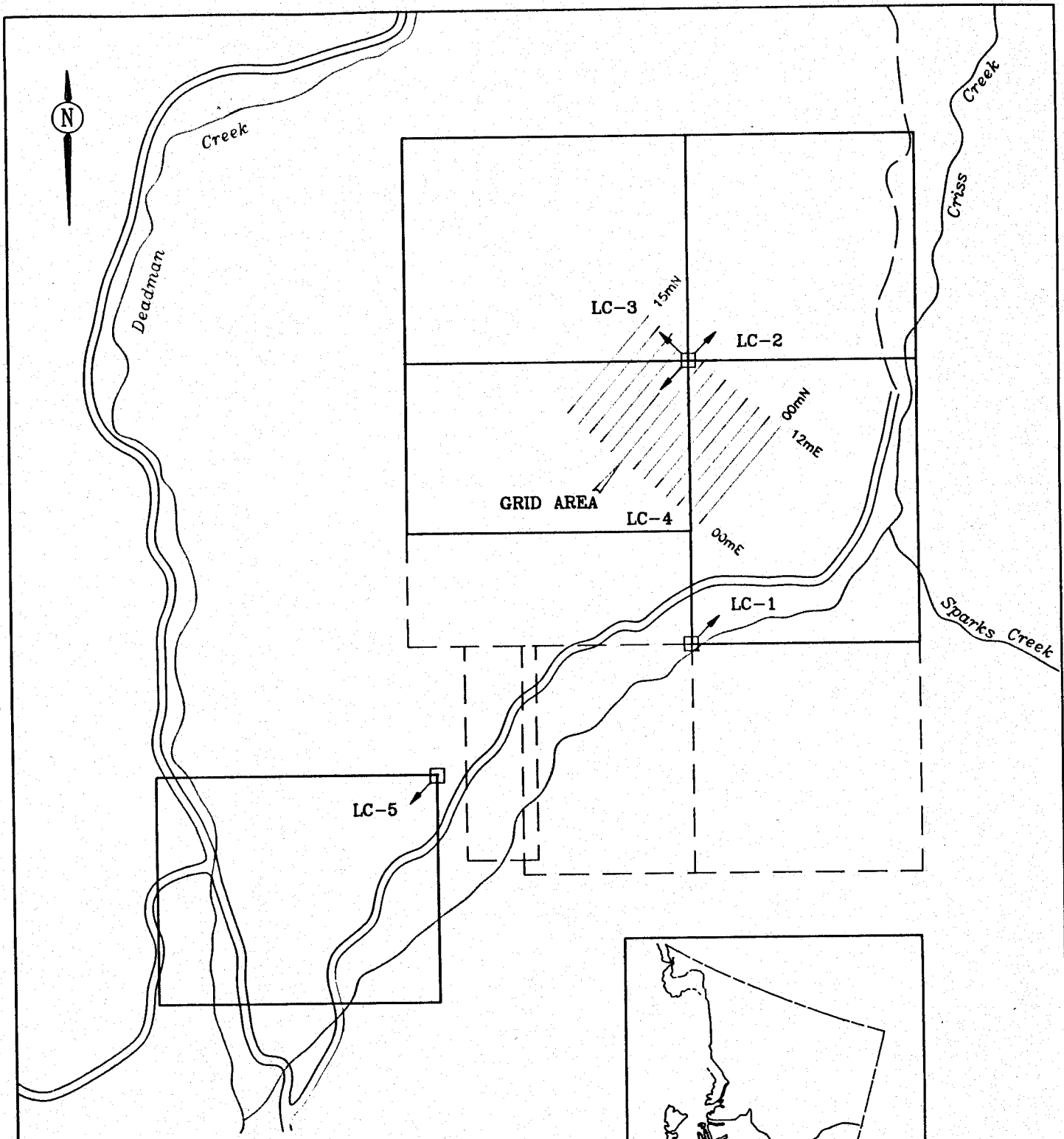
In 1988 the property was mapped on a 1:5000 scale and 95 rock samples taken from the LC 1-4 and LC-5 groups.

1.6 Summary of Work Done - 1989

A grid was established on the property and 22.2 kilometres of line were cut; 884 soil samples were taken at 25m spacings from the B horizon and analyzed for Ag, As, Cu, Pb, Sb, Zn, Au, and Hg. Twenty-one rock samples were taken from the grid area and analyzed for Al_2O_3 , Ba, CaO, Fe_2O_3 , K_2O , MgO, MnO_2 , Na_2O , P_2O_5 , SiO_2 , TiO_2 , S, Ag, As, Ba, Cu, Pb, Sb, Zn, Au, and Hg. The grid was mapped at 1:2500 scale. Ten trenches were dug with an excavator on the grid area, and 40 rock samples and 3 soil samples taken from them; the trench geology was mapped.

Table 1: 1989 Work

Linecutting:	22.2 kilometres
Geological Mapping:	22.2 kilometres
Geochemistry:	61 rock samples 884 soil samples
Geophysics:	19.2 kilometres magnetic survey 19.2 kilometres VLF survey (2 frequency)
Trenching:	118 metres



LAST CHANCE PROPERTY CLAIM CONFIGURATION

MINNOVA Inc.

GWE/sg FIG#3 MAY 1990

FILE: D:\DWG\LOLC

2.0 Results

2.1 Regional Geology

According to Monger (O.F. 980) the basement rocks around the property are Nicola volcanics and Paleozoic gneisses. Major faults such as the Deadman River fault with strike lengths 40+ miles have block faulted Eocene volcanic rocks into graben like structures. Monger feels the chert pebble conglomerate on the Eastern side of the L.C. property, belongs to the Jurassic Ashcroft Formation. Near the faults small Triassic alkaline intrusives are shown to occur. Forming along topographic highs the Miocene basalts occur capping all other units. The main structures shown are NW trending Tertiary Faults which are found to be more numerous on a property scale.

2.2 Descriptions of Grid Area Rock Units

1A Andesitic/Basaltic Breccia

These are the youngest rocks on the property and make up the majority of the basement rocks. On the grid area they are dark brown to black with angular andesitic/basaltic clasts (modal size 1cm) supported by a andesitic/basaltic matrix. Some outcrops show strong epidote alteration of the matrix. This unit show mercury enrichment at its contact with the conglomerate (4C)

4C Heterolithic Conglomerate

This unit underlies the eastern part of the grid. It is usually medium brown and rust coloured, but hematitic alteration frequently stains the rocks ochre red. Clasts (50%) are chert, felsic intrusives and minor volcanics supported in a medium grained sand and silt size matrix (50%). Clasts are rounded to subrounded

with a modal size of 1-2cm. The conglomerate is mercury enriched at its lower contact with the breccia (1A).

5A Intermediate - Mafic Dykes

Although these rocks appear felsic and siliceous in hand sample, their silica content corresponds to the basalt and andesite ranges. they occur on the north and central portions of the grid and are fine grained, light grey and cream, frequently with rusty quartz-calcite stringers. Some outcrops are porphyritic with 10% 2mm plagioclase phenocrysts; others show remnants of corroded mafic phenocrysts (pyroxenes?). Outside the grid are these dykes cut Miocene volcanics. They are mercury-enriched near the basalt-conglomerate contact (BCS 16817: 44,700ppb Hg; BCS 166804: 550ppb Hg).

Dolomitic Vein

A mercury-bearing (BCS 16820: 20,500ppb Hg) dolomitic vein occurs in the northern portion of the grid. It is a cream-coloured, fine grained, massive unit, apparently cross-cutting the dyke units.

2.3 Discussion of Mapping Results

Only about 20 outcrops were located on the grid area, and this paucity makes any detailed geology difficult. A contact of the breccia (1A) and conglomerate was approximately located (and further defined through trenching), and it coincides closely to anomalous mercury values in soils. For at least 100m on either side of this contact, both rock types contain elevated mercury levels. The best values occur in the breccia (1A) adjacent to the contact in and have malachite/azurite (BCS 16815: 500,000ppb Hg).

2.4 Soil Sample Results

General

784 soil samples were taken from the B horizon at 25 metre intervals on the L.C. grid; there were no missed samples. Soil thickness, as revealed by trenching, varies from less than 0.5m to more than 4m. Modal thickness is probably about 2m.

Both rock and soil samples were sent to Min-En labs in North Vancouver. Major elements and trace elements were analyzed by a standard ICP method while gold was analyzed with an atomic absorption and fire assay technique. Mercury was analyzed by a standard geochemical technique.

A statistical analysis was made of each element population. Histograms of element concentration and log [concentration] were made to help identify background and anomalous populations. Threshold values were picked on the basis of the histograms. A correlation - coefficient matrix was constructed (Table 2) to identify associated elements, but on this property, with these elements, it is not useful.

Mercury

Mercury values on the grid soils are high and show interesting distributions both statistically and spatially. Statistically, they show a log-normal pattern with a mode of 151 - 209 ppb Hg (see Figure 20). However, a disproportionately large number of samples have between 4 and 6 ppb. Evidently on this grid only a small portion (about 6.25%) of the samples represent the background population, while all the remainder (93.75%) are anomalous. A threshold value of 512 ppb Hg (approximately $x_g +$) was picked for contouring.

The highest Hg soil values overlie the breccia/conglomerate contact, and this is also where the highest

Hg was obtained in rock samples. The mercury anomaly is mimicked by silver, though it appears slightly downslope from the mercury highs, and is not as clearly defined.

Silver

Silver's distribution is roughly log-normal, though spiky, with a geometric mean of 0.64 ppm. A threshold of 1.2 ppm was selected somewhat arbitrarily, defining about 8% of the samples as anomalous. Given this, the soils anomalous in silver occur in areas close to the ones anomalous in mercury though displaced somewhat downslope. It is interesting that the concentration of silver in the soils is comparable to that found in the rocks - one would expect it to be diluted in the soils.

Arsenic

Forty-five percent of the soil samples contained 1 ppm As; the remainder showed a roughly flat distribution from 2 - 40 ppm; 15 ppm was selected as a threshold. This yields a map with many single-sample anomalies. When somewhat arbitrary contour values of 10-15 ppm As and > 15 ppm As are plotted, a significant trend appears which is much the same as the mercury anomaly. This trend outlines the volcanic/conglomerate contact clearly.

Gold

There are no strong Au anomalies in L.C. grid soils with 99% of the values being 10 ppb Au or less. The two highest samples had 40 ppb Au.

Cu, Pb, Zn

None of these elements form distinct anomalies on the L.C. grid. They all have roughly normal distributions with no well defined anomalous locations, although Cu and Pb have elevated values on line 13 N below the area of the dolomitic vein.

Table 2: Correlation Coefficient Matrix

LC SOILS 1989

CORRELATION MATRIX: (99.0 INDICATES COEFFICIENT COULD NOT BE CALCULATED)

	Ag	As	Cu	Pb	Sb	Zn	Au	Hg	LogAg	LogCu	LogSb	LogHg
Ag	1.000	0.141	0.057	0.285	0.078	-0.255	-0.009	-0.079	0.929	0.110	0.076	0.059
As	0.141	1.000	0.118	0.016	0.085	-0.008	-0.041	0.154	0.097	0.140	0.134	0.166
Cu	0.057	0.118	1.000	0.252	0.174	0.149	-0.012	0.077	0.010	0.950	0.235	0.242
Pb	0.285	0.016	0.252	1.000	0.558	-0.026	0.039	-0.061	0.243	0.292	0.455	0.001
Sb	0.078	0.085	0.174	0.558	1.000	-0.082	-0.021	0.173	0.061	0.206	0.910	0.099
Zn	-0.255	-0.008	0.149	-0.026	-0.082	1.000	-0.011	-0.038	-0.307	0.151	-0.063	-0.058
Au	-0.009	-0.041	-0.012	0.039	-0.021	-0.011	1.000	-0.045	0.015	-0.012	-0.039	-0.074
Hg	-0.079	0.154	0.077	-0.061	0.173	-0.038	-0.045	1.000	-0.092	0.089	0.174	0.459
LogAg	0.929	0.097	0.010	0.243	0.061	-0.307	0.015	-0.092	1.000	0.055	0.062	0.054
LogCu	0.110	0.140	0.950	0.292	0.206	0.151	-0.012	0.089	0.055	1.000	0.274	0.291
LogSb	0.076	0.134	0.235	0.455	0.910	-0.063	-0.039	0.174	0.062	0.274	1.000	0.173
LogHg	0.059	0.166	0.242	0.001	0.099	-0.058	-0.074	0.459	0.054	0.291	0.173	1.000

2.5 Trenching Results

Ten trenches were dug on the L.C. Grid area to uncover the contact between the conglomerate (4C) and the dyke (5A) and breccia (1A) units. 118m were dug with an excavator, and 40 rock and 3 soil samples taken (see Figures 6 to 15).

Sample results from the trenches confirm the presence of strong Hg enrichment at the lower contact of the pebble conglomerate. The area of enrichment is wide: even the longest trenches, 89-1 and 89-10, 30 and 40 metres long, showed highly anomalous values their entire length. Further these trenches are 800m apart and soil sample results strongly suggest that the contact is enriched across the entire grid area.

Conglomerate, breccia and dykes may all be enriched at the contact, but the breccia shows the highest consistent values.

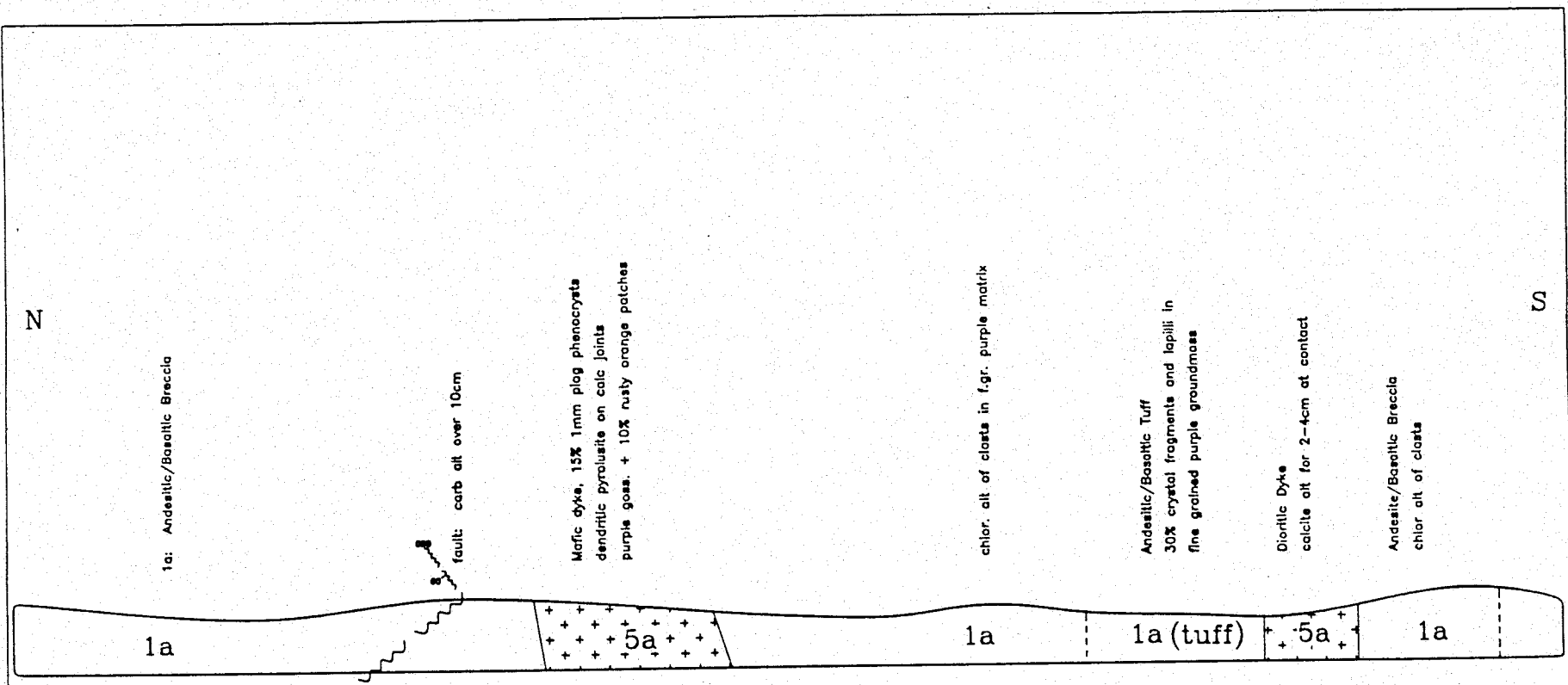
Precious metal values of the rocks are low. Gold ranges from 5 - 20 ppb and silver from 0.1 - 3.5 ppm.

2.6 Magnetic Survey Interpretation

Results of the magnetic survey were profiled on a baseline of 58,000 nt with profiles on each grid line (see Fig. 21). These were then contoured on a plan map with interpretations (see Fig. 22).

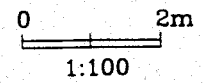
Anomaly A is the most noticeable feature on the grid area and outlines the general contact between the volcanics and the conglomerate which overlies the eastern portion of the grid. This contact is shown with a transition from erratic magnetic features in the volcanics to a flat, featureless magnetic area over the conglomerate unit.

Anomalies B-I are magnetic high features within the volcanics. Most of these targets are not exposed and cannot be fully explained. A possible explanation is seen on Line 4+00N in trench 89-9 where intermediate dykes may have a greater magnetite



BCS16751 BCS16752 BCS16753 BCS16754 BCS16755 BCS16756 BCS16757 BCS16758 BCS16759 BCS16760

LAST CHANCE
 TRENCH 89-1
 SECTION VIEWING EAST

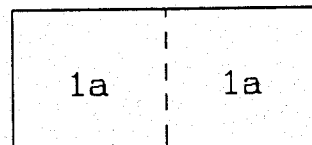


MINNOVA Inc.
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GWE/rjh FIG#6 APRIL 1990



| BCS16762 | BCS16761 |



Andesitic Basaltic Breccia
Strong carbonate alteration
with calcite vnlts; strong
ochre staining

Andesitic/Basaltic Breccia
Weak to moderate carbonate
alteration

0 2m
1:100

MINNOVA Inc.

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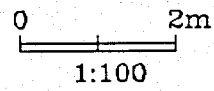
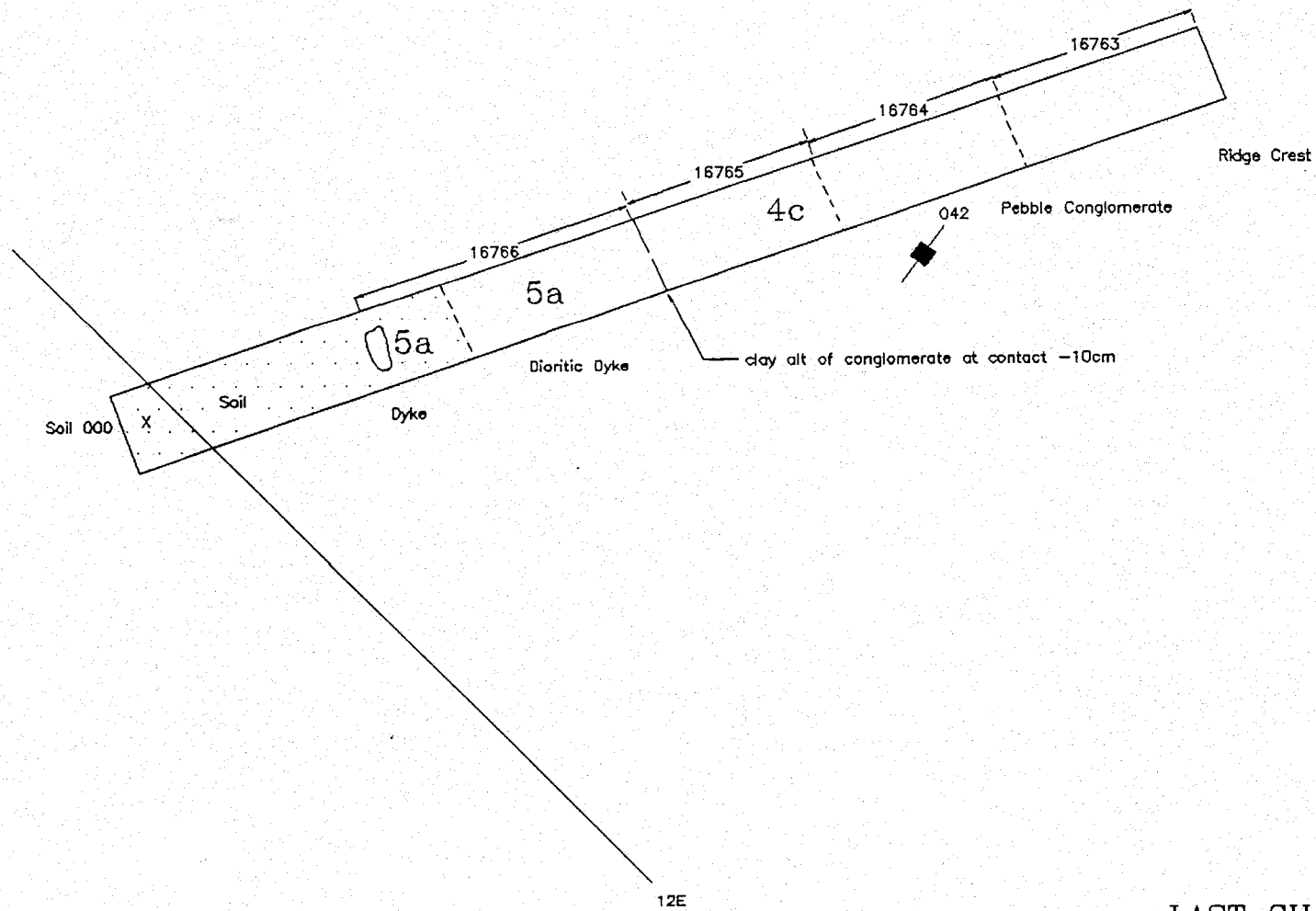
LAST CHANCE
TRENCH 89-2
MAP VIEW

Location: 11+50N, 10+25E

GWE/rjh

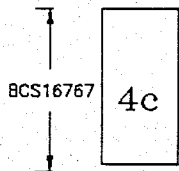
FIG#7

APRIL 1990



LAST CHANCE
 TRENCH 89-3
 PLAN VIEW

GWE/rjh FIG#8 APRIL 1990



BCS16767

4c

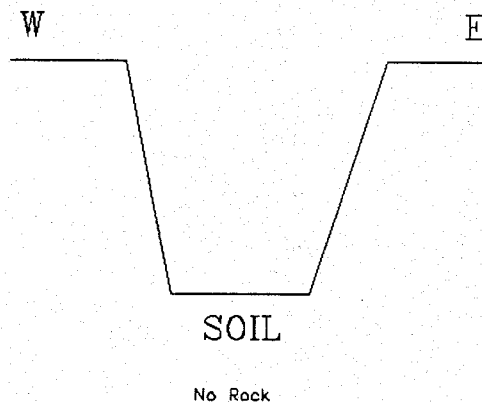
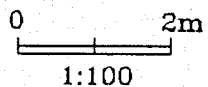
Heterolithic pebble conglomerate
Moderate carbonate alteration



LAST CHANCE
TRENCH 89-4

MAP VIEW

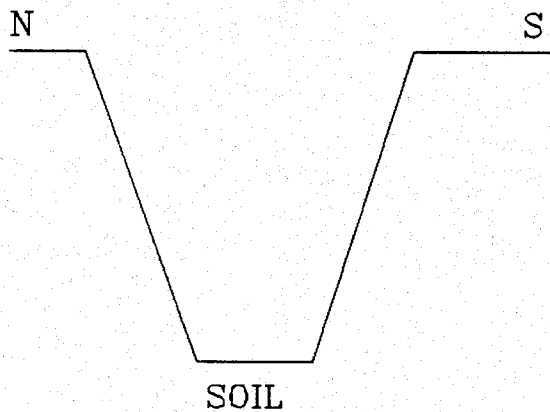
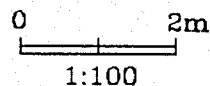
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LAST CHANCE
TRENCH 89-5

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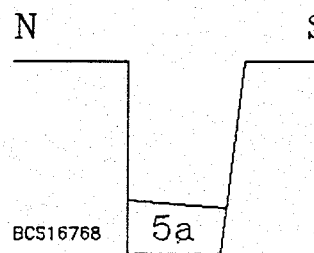
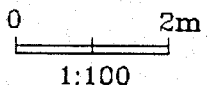
location: 7+80N, 8+50E



LAST CHANCE
TRENCH 89-6

SECTION VIEWING E

location: 8+50N, 8+60E

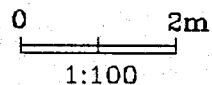


Highly altered mafic dyke
strong carbonate alteration,
rusty orange, friable

LAST CHANCE
TRENCH 89-7

SECTION VIEWING E

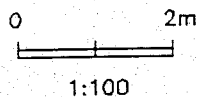
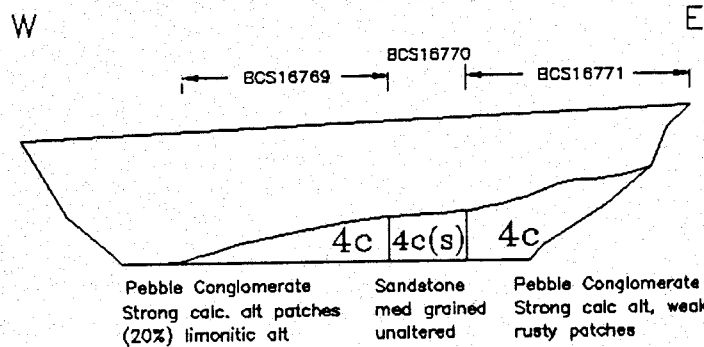
location: 4+00N, 8+70E



MINNOVA Inc.

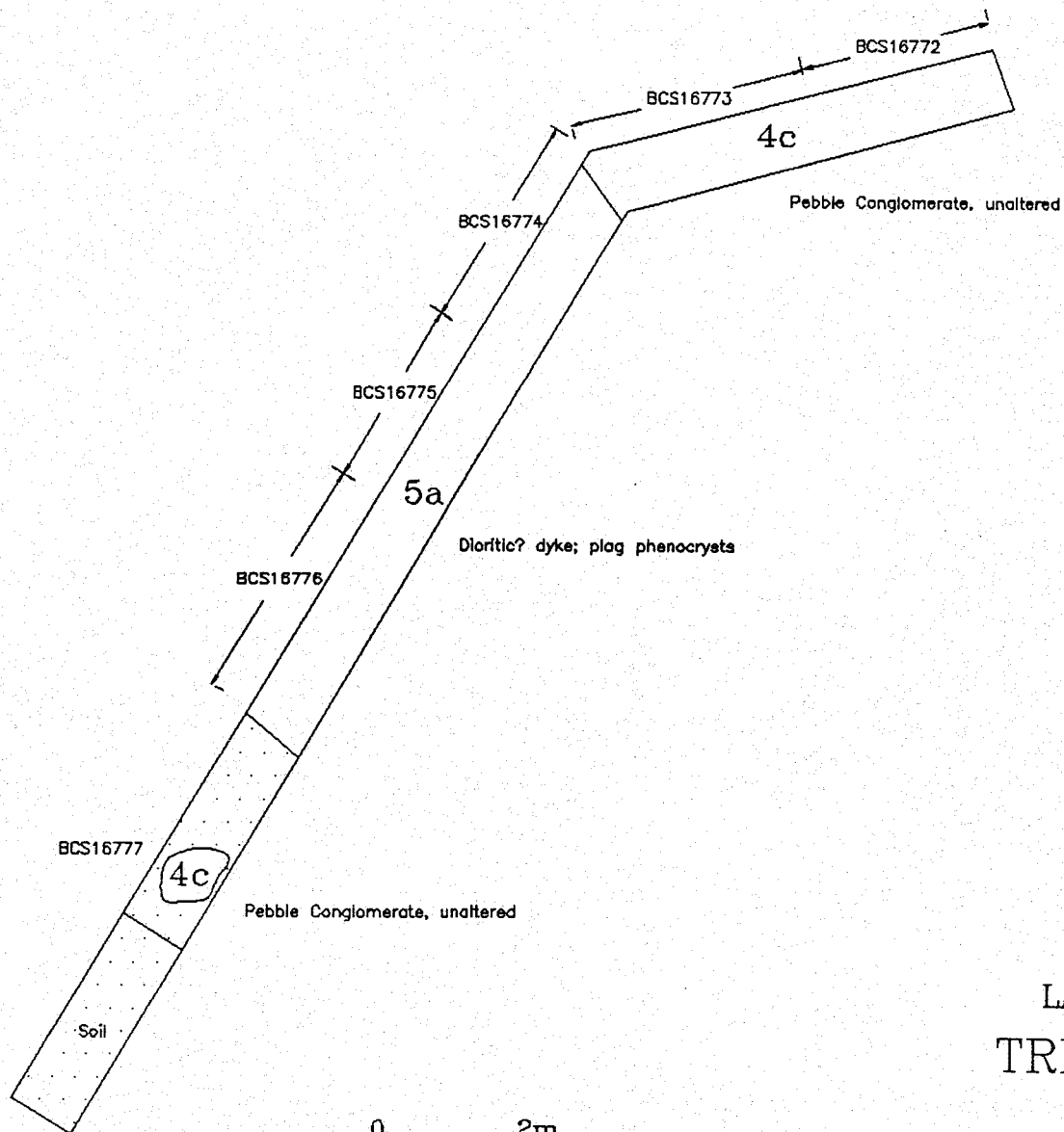
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GWE/rjh FIG#912 APRIL 1990



LAST CHANCE
 TRENCH 89-8
 SECTION VIEWING N

GWE/rjh FIG# 13 APRIL 1990



LAST CHANCE
TRENCH 89-9

MAP VIEW

location: 4+00N, 6+50E

GWE/rjh FIG#15 MAY 1990

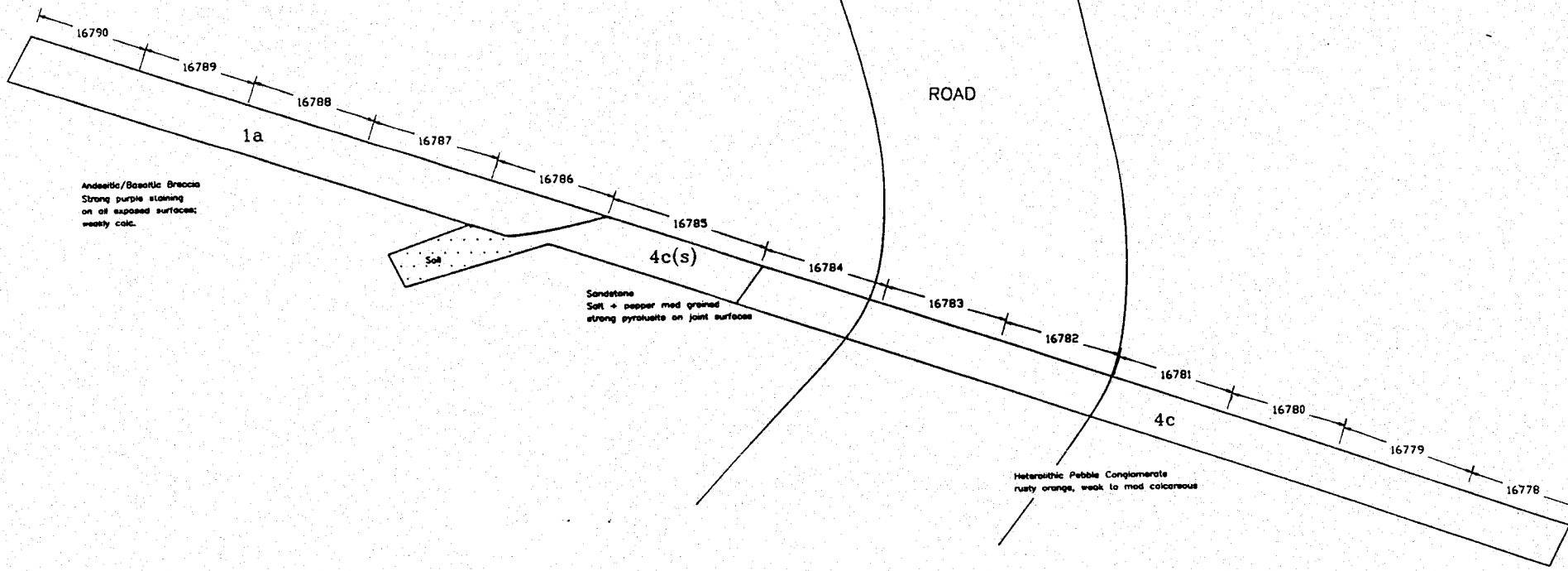
MINNOVA Inc.

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0 2m
1:100



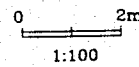
ROAD



Andesitic/Basaltic Breccia
Strong purple staining
on all exposed surfaces;
weakly calc.

Sandstone
Salt + pepper med grained
strong pyroxenite on joint surfaces

Heterolithic Pebble Conglomerate
rusty orange, weak to mod calcareous



LAST CHANCE
TRENCH 89-10
MAP VIEW

location: 3+50N, 6+50E
GWE/rjh FIG#14 MAY 1990

MINNOVA Inc.
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content than the basaltic breccias. These dykes are seen in several locations and may be the source of the variable magnetic features.

2.7 VLF - EM Survey Interpretation

Two stations (Seattle 24.8 KHz, Annapolis 21.4 KHz) were recorded on each station of the grid. Results for each station were profiled (Figs. 23, 25) and then Fraser filtered to allow contouring on plan maps (Figs. 24, 26). The results are very similar for both stations so the interpretations are made with the strongest station, Seattle (Fig. 24).

Ten discrete anomalies are outlined A-J (Fig. 24). All ten anomalies outline northwest trending fault zones. No outcrop exposure exists except anomaly I which is along the LC showings themselves. These structures are within all rock units of the grid area and are believed to be one of the most recent events geologically. Since mercury, arsenic, copper and silver values are found within alteration in the fault zone (anomaly I) the other structures outlined may serve as epithermal conduits as well. This would require ground proofing with the use of an excavator.

2.8 Geophysical Results

Magnetics

Total field magnetics show highs in the Sw portion of the grid, dropping to lows in the NE, outlining the breccia/conglomerate contact. The gradual drop-off in values confirms a gently NE-dipping contact suggested by mapping. At 4+00N/6+25E, a dyke shows up as an isolated magnetic high. Highs in other areas will be difficult to follow up because of lack of exposure.

In the North corner of the grid a mag low region suggests the area underlain by dykes that may be larger than that mapped.

VLF

Of the two stations used for VLF-EM, the Seattle station showed the structures more clearly, outlining ten parallel NNW-trending weak conductor spaced about 200m apart, and running sub-parallel to the breccia/conglomerate contact. They may outline fault structures which may serve as epithermal conduits.

3.0 Conclusions

Rocks on either side of the andesitic/basaltic breccia (1a) and the pebble conglomerate (4c) contain high levels of mercury over a large area. Results from soils indicate that this contact is enriched along its entire length in the grid area, possibly strengthening to the south off the grid.

Soils also show weaker silver and arsenic anomalies roughly coincident with the Hg one, but so far neither silver nor gold have been found in significant quantities in rock.

Aside from the silver in the soils there is no indication that, on the grid, precious metals are linked to the elevated mercury values.

No targets suitable for drilling have been found.

Recommendations

Other than trenching no further work is recommended on the grid area.

However, because of the enormous area enriched in mercury, and the history of Criss Creek as a placer, exploration should continue on the property. The breccia/conglomerate contact in Criss Creek should be explored to see if precious metals occur at a lower elevation.

4.0 Itemized Cost Statement

Linecutting

Ken Murray

3.0 km of baseline @ \$440/km 19.2 km
of grid with soil sample collection
@ \$480/km \$10,536.00

Magnetometer and VLF-EM Survey

Quest Canada

19.2 line km @ \$180/km 3,456.00

Geology

Geologist, G. Evans (Nov. 1-26 excl. 18-21) @ \$250/day \$5500.00
Assistant, W. Hindley (Nov. 1-10, 1989) @ \$125/day 1250.00
Assistant, K. Lee (Nov. 11-26, 1989) @ \$125/day 2000.00
Truck Lease & Fuel 26 days @ \$60/day 1560.00
Hotel & Meals 52 man days @ \$50/day 2600.00

Soil and Rock Analyses

61 rock samples:

Major and Trace ICP plus Au, Hg @ \$35.50/sample \$2165.50

790 soil samples:

Cu, Pb, Zn, As, Sb, Ag, Au, Hg @ \$14.00/sample 11,060.00

Trenching

B + K Contractors, Kamloops, B.C.

Excavator, J.D. 690 Nov. 21-25, 1989 \$4013.00

Report

G. Evans 4 days writing @ \$250.00/day \$1000.00

Drafting 3 days @ \$150.00/day 450.00

Typing and Supplies 319.00

TOTAL \$45,909.50

5.0 Statement of Qualifications

I, Graeme W. Evans certify that:

1. I am an exploration Geologist residing at 6291 Arlington St., Vancouver, B.C.
2. I have a BSc. (Geol) from the University of British Columbia (1983).
3. I have practised my profession since 1983.
4. I personally carried out or supervised the work reported herein.

Date: May 22, 1990



Graeme W. Evans

APPENDIX I

Rock Sample Descriptions and Locations

Sample #	Location	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Hg ppb
16801	0 + 50 N 12 + 25 E	Conglomerate; chert and volcanic clasts	60	0.1	625	39	55
16802	3 + 00 N 5 + 15 E	Basalt breccia, strong rust staining	5	0.2	32	12	45
16803	4 + 00 N 6 + 08 E	Basalt breccia, 1% calcite veinlets and stringers	5	0.6	20	8	360
16804	4 + 05 N 6 + 08 E	Intermediate – mafic dyke, rusty stringers	10	0.1	8	17	505
16805	4 + 50 N 9 + 75 E	Conglomerate, rusty alteration	5	0.7	17	14	5
16806	14 + 30 N 7 + 50 E	Basaltic breccia; strong epidote alteration of matrix	5	1.0	6	5	5
16807	14 + 00 N 11 + 00 E	Intermediate – mafic dyke, rust alteration, vuggy calcite veinlets	5	0.5	6	4	20
16808	14 + 00 N 11 + 25 E	Intermediate – mafic dyke, rust alteration, vuggy calcite veinlets	10	0.3	16	26	10
16809	14 + 00 N 12 + 25 E	Heterolithic conglomerate, unaltered	5	0.3	27	29	2000
16810	14 + 00 N 12 + 15 E	Heterolithic conglomerate, rust alteration	5	0.1	31	24	435
16811	11 + 00 N 11 + 75 E	Sandstone	5	0.4	29	26	890

Sample #	Location	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Hg ppb
16812	11 + 30 N 10 + 80 E	Intermediate dyke; light grey, massive	5	0.4	9	5	645
16813	11 + 20 N 10 + 80 E	Heterolithic conglomerate, no visible alteration. H/S	10	0.2	15	57	1980
16814	11 + 25 N 10 + 80 E	Basaltic breccia	5	0.1	40	4	1755
16815	11 + 35 N 10 + 75 E	Basaltic breccia, with azurite, malachite, strong red alteration, no visible cinnibar	5	3.5	350	4375	5000000
16816	11 + 75 N 10 + 90 E	Local (10M) float, basalt breccia with hematitic staining	5	0.5	10	26	38900
16817	11 + 75 N 10 + 90 E	Intermediate - mafic dyke, moderate carbonate alteration	20	0.4	6	4	44700
16818	11 + 65 N 10 + 85 E	Intermediate - mafic dyke, moderate carbonate alteration. H/S	10	0.2	8	30	6750
16819	12 + 00 N 11 + 75 E	Heterolithic conglomerate, hematitic alteration	10	1.4	28	49	6250
16820	13 + 00 N 10 + 45 E	Dolomitic vein, very fine grained	5	0.5	23	18	20500
16821	13 + 00 N 11 + 00 E	Intermediate - mafic dykes, rusty, calcite veinlets	5	0.6	16	64	2625

Sample #	Location	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Hg ppb
16751	Trench 89-1	Andesitic/basaltic breccia, possible gossan, 1% calc/dol vts. Chip 3m	5	0.7	52	18	1430
16752	Trench 89-1	Andesitic/basaltic breccia, pple gossan, 1% calc/dol vts. Chip 3m	5	0.6	46	12	2375
16753	Trench 89-1	Andesitic/basaltic breccia, possible gossan, 1% calc/dol vts. Chip 3m	5	0.8	50	31	6125
16754	Trench 89-1	Mafic dyke, plag phenocrysts, weak clay alt. Chip 3m	10	0.8	32	18	1125
16755	Trench 89-1	Andesitic/basaltic breccia, pple gossan, 1% calc/dol vts. Chip 3m	5	0.9	41	8	445
16756	Trench 89-1	Andesitic/basaltic breccia, chlorite alt. clasts in purple groundmass. Chip 3m	5	1.0	2	6	1110
16757	Trench 89-1	Andesitic/basaltic crystal lapilli tuff, 30% lapilli and crystal frags Chip 3m	10	1.0	43	6	370
16758	Trench 89-1	Diorite dyke; calcite alt. at contacts. Chip 1.2m	5	0.6	1	104	315
16759	Trench 89-1	Andesitic basaltic breccia, clasts strongly chlorite alt. Chip 3m	5	1.0	30	34	3250
16760	Trench 89-1	Andesitic/basaltic breccia. Chip 1m	5	0.7	23	26	3000

Sample #	Location	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Hg ppb
16761	Trench 89-2	Andesitic/basaltic breccia, weak to mod. calc. alt. Chip 2m	10	1.5	13	5	190
16762	Trench 89-2	Andesitic/basaltic breccia, strong calc alt with ca. vts; strong ochre staining. Chip 2m	5	1.2	9	6	185
16763	Trench 89-3	Heterolithic pebble conglomerate orange and rusty weathering, mod calc alt. Chip 3m	5	0.4	51	43	3875
16764	Trench 89-3	As above with white powdery calc (1%) Chip 3m	5	0.5	52	33	3250
16765	Trench 89-3	As above with white powdery calc (1%) Chip 3m	5	0.6	39	40	4000
16766	Trench 89-3	Dioritic dyke	5	2.3	31	44	70
16767	Trench 89-4	Heterolithic pebble conglomerate moderate carbonate alteration	10	0.7	324	23	2125
-	Trench 89-5	No Rock					
-	Trench 89-6	No Rock					
16768	Trench 89-7	Highly altered mafic dyke, strong calc alt, rusty orange, friable	20	0.4	61	15	96900

Sample #	Location	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Hg ppb
16769	Trench 89-8	Pebble conglomerate, strong calc. alt patches (20%) limonitic alteration. Chip 3m	5	0.8	35	275	815
16770	Trench 89-8	Sandstone, medium grained, unaltered. Chip 1m	10	0.6	60	30	2250
16771	Trench 89-8	Pebble conglomerate, strong calc alt weak rusty patches. Chip 3m	5	0.3	86	43	4625
16772	Trench 89-9	Pebble conglomerate, unaltered. Chip 3m	5	0.9	78	33	2125
16773	Trench 89-9	Pebble Conglomerate, unaltered. Chip 3m	5	1.0	174	32	2750
16774	Trench 89-9	Dioritic Dyke. Chip 3m	10	0.4	23	8	68800
16775	Trench 89-9	Dioritic Dyke. Chip 3m	5	0.8	46	8	115600
16776	Trench 89-9	Dioritic Dyke. Chip 3m	5	0.9	27	13	50000
16777	Trench 89-9	Pebble conglomerate. Chip 1m	5	0.9	42	51	2125
16778	Trench 89-10	Pebble conglomerate, rusty orange, weak to moderately calc.	10	0.9	73	33	2000
16779	Trench 89-10	Pebble conglomerate, rusty orange, weak to moderately calc.	5	0.8	81	48	3400
16780	Trench 89-10	Pebble conglomerate, rusty orange, weak to moderately calc.	5	0.9	79	42	750

Sample #	Location	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Hg ppb
16781	Trench 89-10	Pebble conglomerate, rusty orange, weak to moderately calc.	5	0.8	43	36	820
16782	Trench 89-10	Pebble conglomerate, rusty orange, weak to moderately calc.	5	0.6	41	820	1995
16783	Trench 89-10	Pebble conglomerate, rusty orange, weak to moderately calc.	10	0.5	35	43	1450
16784	Trench 89-10	Pebble conglomerate, rusty orange, weak to moderately calc.	5	0.8	50	63	1940
16785	Trench 89-10	Sandstone, salt and pepper, med grained, pyrolusite on joint surfaces. Chip 3m	10	1.0	48	21	1680
16786	Trench 89-10	Andesitic/basaltic breccia, strong purple staining, wkly calc. Chip 3m	5	0.4	1	12	43500
16787	Trench 89-10	Andesitic/basaltic breccia, strong purple staining, wkly calc. Chip 3m	10	0.5	4	17	53100
16788	Trench 89-10	Andesitic/basaltic breccia, strong purple staining, wkly calc. Chip 3m	5	0.5	1	9	24000
16789	Trench 89-10	Andesitic/basaltic breccia, strong purple staining, wkly calc. Chip 3m	20	0.8	15	11	3500
16790	Trench 89-10	Andesitic/basaltic breccia, strong purple staining, wkly calc. Chip 3m	10	0.5	2	60	730

APPENDIX II

Rock Sample Locations and Results

COMP: MINNOVA INC.
 PROJ: L.C. 622
 ATTN: G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1448-RJ1

DATE: NOV-05-89

* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
BCS16801	.1	530	801	39	28	1	77	60
BCS16802	.2	41	88	12	12	1	91	5
BCS16803	.6	22	94	8	36	2	59	5
BCS16804	.1	7	304	17	14	1	19	10
BCS16805	.7	26	1608	14	36	1	46	5
BCS16806	1.0	5	89	5	38	1	83	5
BCS16807	.5	18	1463	4	43	1	55	5
BCS16808	.3	13	99	26	12	1	52	10
BCS16809	.3	21	235	29	19	13	51	5
BCS16810	.1	21	535	24	11	9	42	5
BCS16811	.4	38	2414	26	27	6	83	5
BCS16812	.4	18	71	5	29	1	63	5
BCS16813	.2	30	551	57	22	10	64	10
BCS16814	.1	41	116	4	18	1	87	5
BCS16815	3.5	321	107	4375	45	898	73	5
BCS16816	.4	22	290	26	12	12	83	5
BCS16817	.5	10	107	4	31	3	65	20
BCS16818	.2	20	354	30	11	10	56	10
BCS16819	1.4	23	1618	49	100	24	71	10
BCS16820	.5	30	89	18	26	5	82	5
BCS16821	.6	22	105	64	45	10	48	5

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NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-1448-RG1

Company: MINNOVA INC.
Project: L.C. 622
Attn: G. EVANS

Date: NOV-05-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 21 ROCK samples submitted OCT-31-89 by R. MACINTOSH.

Sample Number	HG PFB	AS PPM
BCS16801	55	625
BCS16802	45	32
BCS16803	360	20
BCS16804	505	8
BCS16805	5	17

BCS16806	5	6
BCS16807	20	6
BCS16808	10	10
BCS16809	2000	27
BCS16810	435	31

BCS16811	890	29
BCS16812	645	9
BCS16813	1980	15
BCS16814	1755	40
BCS16815	5000000	350

BCS16816	38900	10
BCS16817	44700	6
BCS16818	6750	8
BCS16819	6250	28
BCS16820	20500	23

BCS16821	2625	16

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1448-RA1

Company: MINNOVA INC.
Project: L.C.
Attn: G. EVANS

Date: NOV-05-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Assay of 21 ROCK samples submitted OCT-31-89 by R. MACINTOSH.

Sample Number	LOI %
BCS16801	4.40
BCS16802	4.30
BCS16803	12.70
BCS16804	5.30
BCS16805	11.30

BCS16806	3.05
BCS16807	13.70
BCS16808	8.10
BCS16809	9.20
BCS16810	8.30

BCS16811	9.70
BCS16812	11.80
BCS16813	8.40
BCS16814	8.00
BCS16815	13.50

BCS16816	8.70
BCS16817	12.70
BCS16818	12.30
BCS16819	6.05
BCS16820	40.10

BCS16821	15.90

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Certified by *R. Macintosh*
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1587-RA2

Company: MINNOVA INC.
Project: 622
Attn: R.MACINTOSH/C.EVANS/I.PIRIE

Date: DEC-04-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Assay of 10 ROCK samples submitted NOV-28-89 by R.MACINTOSH.

Sample Number	LOI %
16781	11.30
16782	6.50
16783	9.90
16784	10.70
16785	12.70

16786	11.80
16787	12.70
16788	10.60
16789	11.90
16790	11.10

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1587-RA1

Company: MINNOVA INC.
Project: 622
Attn: R.MACINTOSH/C.EVANS/I.PIRIE

Date: DEC-04-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Assay of 30 ROCK samples submitted NOV-28-89 by R.MACINTOSH.

Sample Number	LOI %
16751	9.10
16752	8.70
16753	11.80
16754	10.10
16755	13.60

16756	8.40
16757	16.10
16758	9.00
16759	10.60
16760	9.90

16761	5.00
16762	4.90
16763	8.40
16764	6.70
16765	9.80

16766	2.30
16767	5.90
16768	0.20
16769	7.10
16770	9.00

16771	9.10
16772	10.30
16773	14.30
16774	9.30
16775	11.20

16776	11.50
16777	9.70
16778	11.10
16779	8.20
16780	8.40

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Certified by *R. Macintosh*

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APPENDIX III

Soil Sample Locations and Results

COMP: MINNOVA INC.
 PROJ: LAST CHANCE 622
 ATTN: I. PIRIE/G. EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ1+2
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
LO+00N0+00E	.4	1	32	12	1	85	5	550
LO+00N0+25E	.3	1	29	21	1	99	5	120
LO+00N0+50E	.8	1	20	18	1	98	5	35
LO+00N0+75E	.9	1	24	18	1	93	5	20
LO+00N1+00E	1.3	1	42	28	3	100	5	370
LO+00N1+25E	1.2	10	34	27	3	97	10	85
LO+00N1+50E	1.7	1	32	30	1	95	5	75
LO+00N1+75E	1.0	1	39	27	1	85	10	5
LO+00N2+00E	1.2	1	29	18	1	100	5	5875
LO+00N2+25E	1.4	1	56	22	1	96	5	240
LO+00N2+50E	.7	1	43	31	2	120	5	85
LO+00N2+75E	1.1	1	44	22	2	106	5	220
LO+00N3+00E	1.2	1	50	20	1	95	5	1195
LO+00N3+25E	.4	1	29	15	1	82	5	11250
LO+00N3+50E	.1	1	21	8	1	69	5	11625
LO+00N3+75E	.6	1	40	18	5	102	10	875
LO+00N4+00E	.5	5	38	11	6	94	5	920
LO+00N4+25E	.8	1	47	20	5	104	5	530
LO+00N4+50E	1.0	1	37	16	1	107	5	650
LO+00N4+75E	.5	1	31	14	3	124	5	400
LO+00N5+00E	.2	14	33	14	1	102	5	3375
LO+00N5+25E	.6	1	27	16	1	109	5	160
LO+00N5+50E	.6	1	23	15	1	124	10	105
LO+00N5+75E	.7	1	33	20	1	128	10	160
LO+00N6+00E	.6	1	29	8	1	103	5	1375
LO+00N6+25E	.9	4	26	11	1	97	5	43
LO+00N6+50E	.1	2	28	7	1	105	5	25
LO+00N6+75E	.9	1	21	16	1	91	5	5
LO+00N7+00E	.4	1	18	17	1	124	10	10
LO+00N7+25E	.6	6	39	19	1	74	5	405
LO+00N7+50E	.3	1	34	12	1	89	5	45
LO+00N7+75E	.4	1	23	17	1	118	10	5
LO+00N8+00E	.9	1	23	10	1	82	5	5
LO+00N8+25E	.6	1	30	21	2	86	5	35
LO+00N8+50E	1.1	3	24	17	1	83	5	185
LO+00N8+75E	.9	1	25	13	1	73	5	5
LO+00N9+00E	1.1	5	30	12	1	101	5	5
LO+00N9+25E	.7	5	22	6	1	86	5	15
LO+00N9+50E	1.2	5	30	21	1	78	5	165
LO+00N9+75E	.9	16	31	14	1	97	10	80
LO+00N10+00E	.8	1	22	12	1	124	5	35
LO+00N10+25E	.8	1	28	11	1	106	5	160
LO+00N10+50E	.7	1	18	10	1	99	5	5
LO+00N10+75E	1.2	4	28	13	1	104	10	35
LO+00N11+00E	1.3	5	37	13	1	88	10	105
LO+00N11+25E	1.0	5	25	16	1	146	5	5
LO+00N11+50E	.5	1	19	13	1	101	5	5
LO+00N11+75E	1.3	1	28	19	1	89	5	20
LO+00N12+00E	1.1	1	25	15	1	98	40	5
L1+00N0+00E	.7	1	30	12	1	86	5	125
L1+00N0+25E	.9	1	26	13	1	100	5	55
L1+00N0+50E	.8	1	29	15	1	98	10	160
L1+00N0+75E	.8	1	29	16	1	95	5	55
L1+00N1+00E	.5	3	34	17	1	79	5	220
L1+00N1+25E	.4	1	25	13	1	78	5	95
L1+00N1+50E	.8	1	37	20	1	85	5	570
L1+00N1+75E	.8	5	30	11	1	89	10	210
L1+00N2+00E	.6	12	38	18	1	95	5	335
L1+00N2+25E	.7	14	32	14	1	72	5	145
L1+00N2+50E	.4	15	29	13	1	77	5	1350

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COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

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 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ3+4
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L1+00N2+75E	.7	10	42	19	1	75	5	430
L1+00N3+00E	.6	1	21	12	1	99	5	30
L1+00N3+25E	1.0	5	43	16	1	86	10	270
L1+00N3+50E	1.0	1	30	24	3	86	5	310
L1+00N3+75E	1.1	7	35	17	1	89	5	510
L1+00N4+00E	.8	1	44	14	1	108	5	240
L1+00N4+25E	1.0	1	29	12	1	92	5	1265
L1+00N4+50E	.3	1	64	19	1	82	10	2500
L1+00N4+75E	.7	7	39	15	3	92	5	1875
L1+00N5+00E	.8	16	27	14	2	86	5	1750
L1+00N5+25E	.1	13	28	9	1	108	5	135
L1+00N5+50E	.4	1	27	9	2	104	5	180
L1+00N5+75E	.8	10	26	22	1	110	5	200
L1+00N6+00E	.6	3	29	15	1	111	10	345
L1+00N6+25E	.7	1	31	16	1	92	5	25
L1+00N6+50E	1.0	9	38	14	1	88	10	140
L1+00N6+75E	.5	8	29	10	1	107	10	165
L1+00N7+00E	.8	1	33	6	1	115	5	65
L1+00N7+25E	.6	7	35	31	2	97	5	105
L1+00N7+50E	1.0	1	35	22	2	103	5	50
L1+00N7+75E	1.2	1	34	32	1	90	5	90
L1+00N8+00E	.1	22	36	10	1	103	5	95
L1+00N8+25E	.9	1	26	14	1	103	5	85
L1+00N8+50E	1.3	1	27	76	17	59	5	35
L1+00N8+75E	1.0	2	26	15	1	98	5	5
L1+00N9+00E	1.1	9	22	16	1	89	5	135
L1+00N9+25E	1.3	9	30	13	1	85	5	20
L1+00N9+50E	1.0	1	32	21	1	77	5	145
L1+00N9+75E	.9	1	24	12	1	79	10	20
L1+00N10+00E	.9	1	30	14	1	76	5	35
L1+00N10+25E	1.0	1	19	10	1	84	5	35
L1+00N10+50E	1.0	1	20	15	1	71	5	125
L1+00N10+75E	1.0	1	28	19	1	85	5	65
L1+00N11+00E	1.0	1	31	20	1	76	10	5
L1+00N11+25E	.7	1	18	14	1	78	5	5
L1+00N11+50E	1.4	1	28	16	1	93	5	65
L1+00N11+75E	1.0	16	25	12	1	92	5	5
L1+00N12+00E	1.1	1	18	14	1	69	5	45
L2+00N0+00E	.5	3	33	9	1	76	5	45
L2+00N0+25E	.8	1	32	8	1	78	5	250
L2+00N0+50E	.9	1	28	13	1	84	5	305
L2+00N0+75E	1.0	1	31	15	1	77	10	290
L2+00N1+00E	.8	1	27	10	1	92	5	1335
L2+00N1+25E	1.1	12	33	22	1	82	5	405
L2+00N1+50E	.9	1	21	15	1	75	5	265
L2+00N1+75E	1.0	1	27	16	1	92	5	180
L2+00N2+00E	.5	2	17	14	1	121	5	75
L2+00N2+25E	1.1	1	23	20	1	90	10	510
L2+00N2+50E	1.4	1	24	17	1	92	5	335
L2+00N2+75E	1.4	17	38	19	1	74	5	825
L2+00N3+00E	1.8	10	31	16	3	88	5	100
L2+00N3+25E	1.2	13	33	19	3	75	5	415
L2+00N3+50E	1.3	1	29	19	1	96	10	190
L2+00N3+75E	1.5	4	29	16	1	100	5	120
L2+00N4+00E	1.2	8	37	16	1	90	5	520
L2+00N4+25E	.8	1	73	24	2	124	5	70
L2+00N4+50E	1.2	1	42	17	3	88	5	120
L2+00N4+75E	.8	1	47	14	2	126	5	720
L2+00N5+00E	1.0	13	47	13	4	98	5	695
L2+00N5+25E	.6	1	31	17	4	108	5	2500

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ5+6
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L2+00N5+50E	.3	19	61	6	4	59	10	970
L2+00N5+75E	.3	8	21	4	1	113	5	400
L2+00N6+00E	.2	4	27	6	2	97	5	270
L2+00N6+25E	.5	1	26	12	1	101	5	510
L2+00N6+50E	.4	2	29	11	1	110	5	835
L2+00N6+75E	.3	1	25	12	1	111	5	115
L2+00N7+00E	1.1	21	40	14	1	90	10	135
L2+00N7+25E	.6	13	26	15	1	101	5	25
L2+00N7+50E	.4	1	34	13	1	79	5	1670
L2+00N7+75E	.9	8	27	23	3	100	5	95
L2+00N8+00E	1.0	3	32	17	1	92	10	35
L2+00N8+25E	.9	7	29	13	1	85	15	5
L2+00N8+50E	.5	10	28	18	1	78	5	165
L2+00N8+75E	.8	19	37	9	1	87	5	80
L2+00N9+00E	1.3	7	35	22	2	78	5	50
L2+00N9+25E	1.0	8	26	10	1	63	5	95
L2+00N9+50E	1.0	2	21	15	1	64	5	60
L2+00N9+75E	1.1	15	29	14	1	77	10	155
L2+00N10+00E	.4	5	23	9	1	134	5	20
L2+00N10+25E	1.3	1	34	14	1	83	5	150
L2+00N10+50E	.7	6	24	8	1	80	5	45
L2+00N10+75E	1.1	2	24	8	1	86	5	30
L2+00N11+00E	1.0	13	22	12	1	69	5	20
L2+00N11+25E	1.1	7	36	12	1	85	5	2375
L2+00N11+50E	1.4	5	38	13	1	87	5	150
L2+00N11+75E	1.1	8	29	16	1	84	5	85
L2+00N12+00E	1.1	8	25	10	1	94	5	15
L3+00N0+00E	.7	8	57	10	3	72	10	280
L3+00N0+25E	.8	7	44	14	2	71	5	100
L3+00N0+50E	.7	15	48	5	1	58	10	265
L3+00N0+75E	.2	1	55	11	1	77	1	135
L3+00N1+00E	.7	1	32	15	2	74	5	225
L3+00N1+25E	.9	2	30	12	1	74	5	195
L3+00N1+50E	.9	4	27	9	1	83	5	220
L3+00N1+75E	.9	6	31	14	1	83	10	185
L3+00N2+00E	.6	1	22	14	1	88	5	40
L3+00N2+25E	1.0	10	24	16	1	74	5	365
L3+00N2+50E	1.0	1	34	17	1	86	5	325
L3+00N2+75E	.9	16	33	19	1	88	5	190
L3+00N3+00E	1.0	11	35	21	2	74	10	520
L3+00N3+25E	1.1	12	36	26	3	79	5	570
L3+00N3+50E	1.3	6	42	21	2	78	5	925
L3+00N3+75E	1.0	16	21	10	1	88	5	580
L3+00N4+00E	1.6	9	41	15	1	88	10	240
L3+00N4+25E	1.1	15	33	19	1	80	5	750
L3+00N4+50E	.9	1	39	20	1	106	5	510
L3+00N4+75E	.3	4	29	12	1	121	5	9625
L3+00N5+00E	.2	1	55	19	1	103	5	1400
L3+00N5+25E	.4	8	30	7	1	85	10	550
L3+00N5+50E	.8	9	32	8	1	89	5	335
L3+00N5+75E	.4	7	42	10	4	89	5	3250
L3+00N6+00E	.6	11	26	11	1	95	10	280
L3+00N6+25E	.9	26	34	12	3	97	10	2125
L3+00N6+50E	.6	9	24	12	1	112	5	630
L3+00N6+75E	1.2	2	32	12	2	101	5	350
L3+00N7+00E	1.0	12	26	10	1	99	10	150
L3+00N7+25E	.7	22	39	15	1	130	5	455
L3+00N7+50E	1.0	12	39	16	3	101	5	340
L3+00N7+75E	1.1	9	30	20	1	114	5	40
L3+00N8+00E	.7	7	39	17	1	81	10	445

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ7+8
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L3+00N8+25E	.4	1	28	25	1	93	5	90
L3+00N8+50E	.1	1	26	15	1	107	5	5
L3+00N8+75E	.4	2	30	8	1	95	5	10
L3+00N9+00E	1.0	1	33	17	1	113	10	30
L3+00N9+25E	.6	1	34	29	2	108	5	65
L3+00N9+50E	.1	5	42	22	1	130	5	25
L3+00N9+75E	.9	1	32	16	1	81	5	50
L3+00N10+00E	.9	1	32	17	1	94	5	30
L3+00N10+25E	.4	1	22	17	1	101	5	85
L3+00N10+50E	1.3	22	38	21	1	88	10	235
L3+00N10+75E	1.2	1	52	26	1	77	5	240
L3+00N11+00E	1.2	1	25	17	1	72	5	330
L3+00N11+25E	1.1	1	30	13	1	88	5	80
L3+00N11+50E	.9	7	22	13	1	77	5	55
L3+00N11+75E	1.3	1	42	26	2	80	5	125
L3+00N12+00E	1.1	22	37	28	1	79	5	100
L4+00N0+00E	1.0	17	46	15	2	84	5	390
L4+00N0+25E	.8	11	28	12	1	81	10	160
L4+00N0+50E	.9	9	28	19	1	107	5	145
L4+00N0+75E	.9	4	41	13	1	88	5	275
L4+00N1+00E	.7	8	51	17	1	94	10	490
L4+00N1+25E	.6	23	43	12	1	106	5	335
L4+00N1+50E	.8	2	25	19	1	92	5	175
L4+00N1+75E	.8	1	30	13	2	102	5	205
L4+00N2+00E	1.2	9	20	12	1	83	5	1155
L4+00N2+25E	1.0	16	23	13	2	98	5	190
L4+00N2+50E	.9	4	31	8	1	87	5	350
L4+00N2+75E	.9	13	23	19	1	97	5	155
L4+00N3+00E	.8	12	19	16	1	82	5	85
L4+00N3+25E	.8	27	19	12	1	62	5	105
L4+00N3+50E	1.0	4	35	34	1	93	5	410
L4+00N3+75E	1.2	18	32	23	1	89	5	275
L4+00N4+00E	1.2	11	29	16	1	110	5	85
L4+00N4+25E	1.2	9	31	11	1	108	10	65
L4+00N4+50E	.6	1	21	21	1	130	5	190
L4+00N4+75E	1.2	7	23	21	1	116	5	90
L4+00N5+00E	1.9	1	32	27	1	101	5	30
L4+00N5+25E	.6	3	66	25	1	96	5	165
L4+00N5+50E	1.0	1	32	19	1	121	10	120
L4+00N5+75E	1.0	1	24	13	1	125	5	1740
L4+00N6+00E	.6	4	20	7	2	155	5	765
L4+00N6+25E	1.0	8	29	16	1	133	5	2000
L4+00N6+50E	.9	1	24	21	1	141	5	685
L4+00N6+75E	1.1	10	27	19	2	107	10	2050
L4+00N7+00E	.8	27	29	16	3	108	5	735
L4+00N7+25E	.5	25	24	9	1	103	5	930
L4+00N7+50E	.9	35	32	15	2	137	5	355
L4+00N7+75E	.8	27	29	12	1	97	5	890
L4+00N8+00E	.5	15	25	10	1	104	10	45
L4+00N8+25E	.8	17	24	19	1	98	5	35
L4+00N8+50E	.3	2	30	21	1	152	5	40
L4+00N8+75E	1.0	12	35	18	1	114	5	90
L4+00N9+00E	.1	7	43	12	1	165	5	5
L4+00N9+25E	.8	1	27	23	1	108	10	5
L4+00N9+50E	.1	28	35	16	1	167	5	5
L4+00N9+75E	.1	24	43	14	1	194	5	50
L4+00N10+00E	.7	1	21	15	1	74	10	40
L4+00N10+25E	.9	26	22	16	1	65	5	60
L4+00N10+50E	1.1	13	34	12	1	92	5	55
L4+00N10+75E	1.1	9	31	25	1	87	5	75

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ9+10
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L4+00N11+00E	.8	1	35	8	1	92	5	65
L4+00N11+25E	.7	1	31	18	1	84	10	100
L4+00N11+50E	.7	1	30	13	1	83	5	75
L4+00N11+75E	.6	3	25	10	1	95	5	40
L4+00N12+00E	.7	1	22	15	1	72	5	35
L5+00N0+00E	.1	3	113	4	1	136	5	345
L5+00N0+25E	.4	4	27	4	1	77	5	85
L5+00N0+50E	.3	1	25	20	1	82	10	75
L5+00N0+75E	.3	7	29	13	1	94	5	45
L5+00N1+00E	.5	1	35	15	1	107	5	255
L5+00N1+25E	.6	2	31	20	1	99	5	80
L5+00N1+50E	.8	1	31	15	2	100	10	685
L5+00N1+75E	.2	5	16	8	1	82	10	25
L5+00N2+00E	.3	2	21	11	1	184	5	10
L5+00N2+25E	.7	6	20	10	1	78	5	35
L5+00N2+50E	1.0	23	31	20	2	76	10	1560
L5+00N2+75E	.6	7	23	9	1	81	5	65
L5+00N3+00E	.7	1	23	14	1	91	5	70
L5+00N3+25E	.7	3	19	9	1	82	5	65
L5+00N3+50E	1.0	13	23	7	1	81	5	55
L5+00N3+75E	.9	18	31	18	2	69	5	340
L5+00N4+00E	1.0	16	37	11	2	67	5	910
L5+00N4+25E	.7	1	25	11	1	96	5	240
L5+00N4+50E	1.2	26	34	16	3	91	5	335
L5+00N4+75E	1.2	26	43	27	5	82	5	865
L5+00N5+00E	1.5	14	39	26	3	80	10	1170
L5+00N5+25E	.9	19	36	20	2	80	5	100
L5+00N5+50E	.7	11	20	13	1	130	5	160
L5+00N5+75E	1.0	15	21	13	1	106	5	135
L5+00N6+00E	.8	6	26	18	1	110	5	100
L5+00N6+25E	.3	1	21	13	1	113	10	1750
L5+00N6+50E	.4	1	21	9	1	89	5	800
L5+00N6+75E	.5	7	28	17	1	100	5	665
L5+00N7+00E	.7	1	28	17	2	92	5	1660
L5+00N7+25E	.8	18	23	11	1	106	5	750
L5+00N7+50E	.3	4	18	15	1	123	5	220
L5+00N7+75E	.2	5	18	10	1	103	5	150
L5+00N8+00E	.2	17	25	8	1	99	10	320
L5+00N8+25E	.2	8	22	7	1	99	10	70
L5+00N8+50E	.4	5	24	13	1	119	5	205
L5+00N8+75E	.1	22	31	14	1	91	5	185
L5+00N9+00E	.7	1	29	15	1	97	5	120
L5+00N9+25E	.2	19	37	8	3	117	10	80
L5+00N9+50E	.2	1	18	8	1	118	5	20
L5+00N9+75E	.8	7	22	13	1	81	5	35
L5+00N10+00E	.6	1	22	15	1	129	5	35
L5+00N10+25E	.3	1	31	28	3	94	5	25
L5+00N10+50E	.9	2	28	27	2	89	5	15
L5+00N10+75E	.5	6	15	3	1	61	5	5
L5+00N11+00E	.8	1	20	13	1	85	10	5
L5+00N11+25E	.8	1	27	12	1	99	5	5
L5+00N11+50E	.8	17	22	13	1	80	5	10
L5+00N11+75E	.7	13	24	12	1	79	5	10
L5+00N12+00E	1.0	5	29	12	1	87	5	50
L5+00N12+25E	.9	18	29	16	2	85	5	65
L6+00N0+25E	.9	20	27	16	1	79	10	200
L6+00N0+50E	.8	3	33	16	3	84	10	40
L6+00N0+75E	.8	30	33	14	2	93	5	170
L6+00N1+00E	.9	14	28	10	1	85	5	85
L6+00N1+25E	.8	8	34	14	1	77	5	410

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ11+12
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L6+00N1+50E	.4	1	35	14	1	70	5	350
L6+00N1+75E	.3	1	23	23	1	87	10	50
L6+00N2+00E	.7	6	24	17	1	68	5	65
L6+00N2+25E	.5	1	23	8	1	75	5	40
L6+00N2+50E	.5	1	43	14	1	81	5	60
L6+00N2+75E	.5	7	18	9	1	59	10	15
L6+00N3+00E	.4	5	19	7	1	67	10	20
L6+00N3+25E	.6	6	24	12	1	83	10	30
L6+00N3+50E	.7	14	25	17	1	63	5	75
L6+00N3+75E	.8	1	36	54	8	77	15	5
L6+00N4+00E	.8	1	25	15	1	84	10	15
L6+00N4+25E	.9	9	31	14	1	73	5	30
L6+00N4+50E	.8	26	35	16	1	69	5	130
L6+00N4+75E	1.1	17	44	23	2	73	5	925
L6+00N5+00E	1.0	1	39	18	3	84	5	155
L6+00N5+25E	1.0	5	36	22	1	75	10	35
L6+00N5+50E	1.0	1	18	15	1	99	5	5
L6+00N5+75E	.9	1	19	7	1	107	5	5
L6+00N6+00E	.9	16	25	24	1	112	5	15
L6+00N6+25E	.9	9	40	14	1	74	5	135
L6+00N6+50E	.8	27	25	10	1	93	5	85
L6+00N6+75E	.8	1	29	14	1	103	10	75
L6+00N7+00E	.7	9	22	13	1	85	10	80
L6+00N7+25E	.8	15	26	14	1	125	5	295
L6+00N7+50E	.7	24	23	9	1	118	5	55
L6+00N7+75E	.9	20	22	11	1	82	5	55
L6+00N8+00E	.7	38	18	8	1	71	10	140
L6+00N8+25E	.3	31	34	11	3	92	5	400
L6+00N8+50E	.2	20	25	15	1	108	5	50
L6+00N8+75E	.4	46	31	13	1	90	5	175
L6+00N9+00E	.1	1	27	11	1	104	5	140
L6+00N9+25E	.1	1	29	9	3	137	5	185
L6+00N9+50E	.1	10	37	13	1	137	5	65
L6+00N9+75E	.1	1	24	12	1	109	10	160
L6+00N10+00E	.5	1	23	4	1	101	5	40
L6+00N10+25E	.5	1	22	14	1	99	5	15
L6+00N10+50E	.4	1	20	11	1	58	5	40
L6+00N10+75E	.9	1	24	16	1	69	5	95
L6+00N11+00E	.7	1	26	17	1	91	5	15
L6+00N11+25E	.5	7	28	10	1	95	5	40
L6+00N11+50E	.3	1	24	13	1	68	10	15
L6+00N11+75E	.5	1	19	8	1	81	5	35
L6+00N12+00E	.5	11	33	14	1	146	5	45
L7+00N0+00E	.8	9	33	15	2	74	5	285
L7+00N0+25E	.3	1	25	7	1	74	5	125
L7+00N0+50E	.8	1	24	21	1	94	5	30
L7+00N0+75E	.8	7	35	17	2	92	10	35
L7+00N1+00E	.9	1	28	16	1	88	5	250
L7+00N1+25E	.7	1	27	11	1	85	10	225
L7+00N1+50E	.7	1	29	18	1	80	10	80
L7+00N1+75E	.4	1	21	18	1	81	5	25
L7+00N2+00E	.7	1	19	18	1	73	5	35
L7+00N2+25E	.4	1	26	10	1	101	5	50
L7+00N2+50E	.7	1	22	16	1	84	10	10
L7+00N2+75E	.9	1	26	18	1	86	10	565
L7+00N3+00E	.9	1	20	14	1	85	5	820
L7+00N3+25E	.8	1	24	13	1	82	5	70
L7+00N3+50E	.9	1	27	14	1	90	5	20
L7+00N3+75E	.9	1	22	16	1	87	5	390
L7+00N4+00E	.6	8	33	16	1	117	5	55

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I. PIRIE/G. EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ13+14
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L7+00N4+25E	.2	1	37	11	1	87	5	240
L7+00N4+50E	.5	1	29	16	1	85	10	245
L7+00N4+75E	.7	1	35	30	5	61	5	2750
L7+00N5+00E	.8	1	34	17	1	84	5	100
L7+00N5+25E	1.0	1	35	11	1	88	10	295
L7+00N5+50E	.8	1	41	15	2	75	5	365
L7+00N5+75E	.8	1	38	18	1	99	10	295
L7+00N6+00E	.7	1	37	18	2	90	5	215
L7+00N6+25E	1.0	1	46	16	2	96	5	345
L7+00N6+50E	1.0	1	22	12	1	107	5	85
L7+00N6+75E	1.1	1	31	12	2	98	5	495
L7+00N7+00E	1.0	1	25	8	2	88	5	585
L7+00N7+25E	.8	1	21	13	1	103	10	60
L7+00N7+50E	.6	2	24	4	1	108	5	240
L7+00N7+75E	.8	2	29	9	1	109	10	1675
L7+00N8+00E	.7	1	28	13	1	111	10	330
L7+00N8+25E	.3	1	24	5	1	117	5	150
L7+00N8+50E	.7	16	35	12	1	89	5	640
L7+00N8+75E	.6	10	32	11	1	114	5	370
L7+00N9+00E	.3	1	38	11	3	108	5	400
L7+00N9+25E	.1	17	36	7	2	113	10	655
L7+00N9+50E	.1	4	44	7	3	130	5	320
L7+00N9+75E	.6	1	32	13	1	124	10	100
L7+00N10+00E	.4	1	24	16	1	102	10	129
L7+00N10+25E	.9	1	28	7	1	103	5	85
L7+00N10+50E	.4	1	36	14	1	112	10	300
L7+00N10+75E	.6	1	26	16	1	91	5	65
L7+00N11+00E	.4	1	31	19	1	100	5	120
L7+00N11+25E	.6	1	22	7	1	67	5	110
L7+00N11+50E	.7	1	38	43	7	92	5	135
L7+00N11+75E	.7	1	30	22	1	90	10	5
L7+00N12+00E	.8	1	33	25	2	91	5	20
L8+00N0+00E	1.0	1	35	8	1	90	5	130
L8+00N0+25E	.9	1	28	9	2	84	5	110
L8+00N0+50E	.9	1	27	13	1	95	5	25
L8+00N0+75E	.1	1	22	12	1	81	10	220
L8+00N1+00E	.5	16	59	16	1	80	5	505
L8+00N1+25E	.8	1	32	13	1	89	5	90
L8+00N1+50E	.8	12	39	8	1	84	5	275
L8+00N1+75E	.7	1	27	7	1	68	5	170
L8+00N2+00E	.7	1	26	14	2	82	10	5
L8+00N2+25E	.3	8	31	13	1	91	5	25
L8+00N2+50E	.7	1	26	11	1	105	5	40
L8+00N2+75E	.7	1	36	10	1	78	5	230
L8+00N3+00E	.4	1	36	13	1	94	5	55
L8+00N3+25E	.6	1	27	15	1	91	10	30
L8+00N3+50E	.3	10	35	15	1	110	5	5
L8+00N3+75E	1.1	1	29	17	2	84	5	265
L8+00N4+00E	.7	1	33	20	1	71	5	285
L8+00N4+25E	.6	4	34	20	2	104	10	50
L8+00N4+50E	.7	1	32	12	1	86	10	85
L8+00N4+75E	.1	9	39	17	1	169	5	5
L8+00N5+00E	.4	1	22	11	1	81	5	5
L8+00N5+25E	.9	1	34	18	1	84	10	50
L8+00N5+50E	.7	1	23	4	1	92	5	5
L8+00N5+75E	.5	1	21	10	1	109	5	5
L8+00N6+00E	.7	1	21	13	1	78	5	5
L8+00N6+25E	.7	1	30	5	1	94	10	5
L8+00N6+50E	.5	6	30	12	1	102	20	10
L8+00N6+75E	.4	1	32	14	1	89	5	35

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ15+16
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L8+00N7+00E	1.0	1	35	18	3	85	5	430
L8+00N7+25E	.6	1	52	20	3	79	5	1295
L8+00N7+50E	.7	8	35	14	1	105	10	1250
L8+00N7+75E	.7	6	36	15	4	110	5	7625
L8+00N8+00E	.8	1	28	14	1	115	10	330
L8+00N8+25E	.6	9	41	14	4	84	5	670
L8+00N8+50E	1.0	1	35	15	1	101	5	830
L8+00N8+75E	.8	1	31	12	1	97	5	220
L8+00N9+00E	.7	1	28	12	1	95	5	180
L8+00N9+25E	.4	1	25	15	1	111	40	40
L8+00N9+50E	.1	1	24	12	1	106	5	160
L8+00N9+75E	.4	1	30	13	1	96	10	200
L8+00N10+00E	.1	10	35	11	1	113	5	65
L8+00N10+25E	.8	14	43	13	1	114	5	125
L8+00N10+50E	.9	1	29	16	1	99	5	85
L8+00N10+75E	.8	1	26	16	1	101	10	50
L8+00N11+00E	.7	10	41	25	1	99	5	210
L8+00N11+25E	1.0	12	38	22	2	100	5	125
L8+00N11+50E	.6	1	21	9	1	64	5	5
L8+00N11+75E	.5	1	32	28	4	67	5	20
L8+00N12+00E	1.0	1	28	25	2	101	5	5
L9+00N0+00E	.5	1	21	14	1	86	10	645
L9+00N0+25E	.8	1	24	16	1	112	5	5
L9+00N0+50E	.4	1	22	12	1	89	10	130
L9+00N0+75E	.5	1	28	18	1	102	10	65
L9+00N1+00E	.3	1	30	14	1	69	5	440
L9+00N1+25E	.1	1	24	14	1	122	5	5
L9+00N1+50E	.6	1	25	13	1	92	5	160
L9+00N1+75E	.4	1	24	8	1	87	5	170
L9+00N2+00E	.3	1	30	15	1	101	5	35
L9+00N2+25E	.6	1	28	21	1	103	5	80
L9+00N2+50E	.6	3	29	19	1	89	10	305
L9+00N2+75E	.4	1	28	26	1	93	5	95
L9+00N3+00E	.8	1	32	30	1	94	10	125
L9+00N3+25E	.7	1	40	27	2	83	5	245
L9+00N3+50E	.7	1	34	26	1	75	5	335
L9+00N3+75E	.7	4	31	21	1	77	5	595
L9+00N4+00E	.7	1	23	20	1	91	10	80
L9+00N4+25E	.4	1	24	23	1	79	5	200
L9+00N4+50E	.1	1	29	29	1	129	5	80
L9+00N4+75E	.8	1	26	25	1	78	5	225
L9+00N5+00E	.9	6	46	31	3	75	5	1030
L9+00N5+25E	.7	1	27	28	1	73	5	485
L9+00N5+50E	.7	11	42	25	1	89	5	220
L9+00N5+75E	.8	10	24	24	1	91	5	210
L9+00N6+00E	1.0	8	31	21	1	72	10	295
L9+00N6+25E	.2	14	26	22	1	130	5	10
L9+00N6+50E	1.0	2	30	26	2	83	5	135
L9+00N6+75E	1.0	15	33	32	3	102	5	75
L9+00N7+00E	1.0	1	28	26	1	80	5	130
L9+00N7+25E	.8	2	24	30	1	101	5	65
L9+00N7+50E	.6	1	31	33	2	106	10	195
L9+00N7+75E	.6	1	29	26	3	99	5	140
L9+00N8+00E	.8	18	31	32	1	105	10	220
L9+00N8+25E	.6	10	24	23	1	145	5	15
L9+00N8+50E	1.0	13	32	24	2	89	5	1720
L9+00N8+75E	.6	22	29	22	3	107	5	425
L9+00N9+00E	.5	19	26	28	2	93	10	710
L9+00N9+25E	.7	20	31	23	3	98	5	2750
L9+00N9+50E	.4	1	31	26	2	127	5	350

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I. PIRIE/G. EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ17+18
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L9+00N9+75E	.5	22	33	10	4	89	5	18375
L9+00N10+00E	.2	10	33	16	2	78	5	735
L9+00N10+25E	.5	17	35	12	1	109	5	245
L9+00N10+50E	.6	1	29	9	1	98	10	175
L9+00N10+75E	1.1	1	35	15	1	112	5	135
L9+00N11+00E	1.0	9	20	9	1	80	5	5
L9+00N11+25E	.4	17	21	11	1	110	10	5
L9+00N11+50E	.6	1	35	6	1	110	5	5
L9+00N11+75E	.9	41	40	14	1	94	5	65
L9+00N12+00E	.7	4	31	21	1	102	5	5
L10+00N0+00E	.9	2	27	20	1	119	5	95
L10+00N0+25E	.6	1	31	11	1	90	10	820
L10+00N0+50E	.7	2	32	12	1	93	10	265
L10+00N0+75E	.9	6	29	13	1	102	5	45
L10+00N1+00E	1.3	5	34	16	1	92	5	380
L10+00N1+25E	1.0	5	37	13	1	90	5	75
L10+00N1+50E	.9	1	25	14	1	94	5	105
L10+00N1+75E	1.2	11	32	19	1	88	5	295
L10+00N2+00E	.6	10	28	17	1	107	10	65
L10+00N2+25E	.9	1	33	16	1	85	5	225
L10+00N2+50E	1.2	2	40	17	1	101	5	295
L10+00N2+75E	1.0	16	36	24	2	89	5	2625
L10+00N3+00E	1.2	3	27	18	1	89	10	140
L10+00N3+25E	.5	1	21	18	1	75	5	10
L10+00N3+50E	1.0	18	27	15	1	76	5	140
L10+00N3+75E	.8	22	24	9	1	75	5	50
L10+00N4+00E	.8	14	26	18	1	100	5	150
L10+00N4+25E	.4	1	24	10	1	103	5	175
L10+00N4+50E	.9	4	26	15	1	89	5	110
L10+00N4+75E	.8	1	33	11	1	89	5	105
L10+00N5+00E	.1	1	33	26	1	119	5	50
L10+00N5+25E	.7	9	36	16	1	98	10	370
L10+00N5+50E	.7	5	43	15	1	90	5	350
L10+00N5+75E	1.4	25	35	19	1	92	5	355
L10+00N6+00E	1.2	6	55	26	1	69	10	265
L10+00N6+25E	1.4	7	30	19	1	98	5	175
L10+00N6+50E	1.3	8	26	24	1	110	5	135
L10+00N6+75E	1.5	7	37	16	1	100	5	370
L10+00N7+00E	.8	1	53	23	1	104	5	2625
L10+00N7+25E	.8	4	19	11	1	74	10	15
L10+00N7+50E	1.2	2	43	23	1	91	5	140
L10+00N7+75E	1.0	5	29	13	1	114	5	50
L10+00N8+00E	.9	13	26	12	1	93	5	140
L10+00N8+25E	1.1	22	48	24	2	93	5	4625
L10+00N8+50E	.5	1	28	16	1	117	5	55
L10+00N8+75E	1.1	32	23	30	4	97	10	410
L10+00N9+00E	.8	1	37	56	6	98	10	400
L10+00N9+25E	.7	1	27	17	1	125	5	470
L10+00N9+50E	1.1	21	25	18	3	121	5	275
L10+00N9+75E	.8	10	32	12	1	106	5	1095
L10+00N10+00E	1.0	24	25	19	2	120	5	2250
L10+00N10+25E	.9	9	28	17	3	111	5	385
L10+00N10+50E	.4	1	29	6	1	106	10	60
L10+00N10+75E	.2	37	45	5	9	76	5	32250
L10+00N11+00E	1.0	1	29	14	1	97	5	290
L10+00N11+25E	.7	14	25	18	1	104	5	180
L10+00N11+50E	.8	8	29	11	1	105	5	20
L10+00N11+75E	1.2	23	30	15	1	89	10	65
L10+00N12+00E	.8	4	25	11	1	89	5	5
L11+00N0+00E	.2	3	22	9	1	88	5	45

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ19+20
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L11+00N0+25E	.6	11	29	23	1	115	10	165
L11+00N0+50E	.6	4	30	8	1	94	5	155
L11+00N0+75E	.3	1	29	15	1	115	5	190
L11+00N1+00E	.8	1	35	11	1	114	5	240
L11+00N1+25E	.7	3	28	14	1	83	5	220
L11+00N1+50E	.4	1	25	11	1	88	5	140
L11+00N1+75E	.5	8	33	13	1	108	10	85
L11+00N2+00E	.6	6	32	16	1	124	20	135
L11+00N2+25E	.8	1	42	16	1	106	10	350
L11+00N2+50E	.6	1	26	12	1	74	5	255
L11+00N2+75E	.6	1	29	21	1	94	5	145
L11+00N3+00E	.6	1	31	18	2	107	5	195
L11+00N3+25E	.8	1	28	11	1	82	5	350
L11+00N3+50E	.6	1	25	5	1	92	10	340
L11+00N3+75E	.9	1	22	14	1	74	5	285
L11+00N4+00E	.9	12	38	14	1	113	5	520
L11+00N4+25E	.6	22	27	18	1	132	10	55
L11+00N4+50E	.5	1	28	9	1	166	5	110
L11+00N4+75E	.6	1	26	18	1	117	5	115
L11+00N5+00E	.5	7	35	15	2	176	5	100
L11+00N5+25E	.4	16	52	19	2	144	5	65
L11+00N5+50E	.5	15	47	21	2	164	5	70
L11+00N5+75E	1.1	1	30	13	3	81	10	580
L11+00N6+00E	.6	17	35	23	2	86	10	100
L11+00N6+25E	1.2	1	33	73	13	80	5	110
L11+00N6+50E	1.2	17	33	14	2	92	5	530
L11+00N6+75E	.6	4	21	10	1	98	5	260
L11+00N7+00E	1.2	22	29	12	2	80	5	160
L11+00N7+25E	1.1	5	29	18	1	93	5	185
L11+00N7+50E	.8	12	31	19	1	83	10	935
L11+00N7+75E	.7	3	38	15	2	82	10	250
L11+00N8+00E	.1	1	38	21	1	161	5	60
L11+00N8+25E	.5	14	33	10	1	93	5	100
L11+00N8+50E	.3	1	29	15	1	140	5	45
L11+00N8+75E	.4	11	20	7	1	70	5	135
L11+00N9+00E	1.1	33	32	31	6	46	5	335
L11+00N9+25E	.7	16	28	15	2	81	5	1380
L11+00N9+50E	.6	1	22	14	1	81	10	265
L11+00N9+75E	.1	1	24	9	1	130	10	320
L11+00N10+00E	.3	8	28	17	1	80	5	235
L11+00N10+25E	.2	13	16	7	2	84	5	5250
L11+00N10+50E	.3	1	33	9	1	110	5	510
L11+00N10+75E	.1	20	36	10	3	84	5	310
L11+00N11+00E	.2	5	33	10	4	100	10	295
L11+00N11+25E	.5	41	39	12	6	128	5	175
L11+00N11+50E	.4	13	33	19	1	102	5	135
L11+00N11+75E	.6	20	28	10	1	82	5	170
L11+00N12+00E	.2	16	36	14	5	139	5	265
L12+00N0+00E	.5	7	35	14	1	94	10	125
L12+00N0+25E	.7	1	30	10	1	95	5	170
L12+00N0+50E	.1	1	26	17	1	174	5	15
L12+00N0+75E	.5	5	24	14	1	96	5	40
L12+00N1+00E	.4	5	24	6	1	98	10	5
L12+00N1+25E	.4	1	26	9	1	73	5	45
L12+00N1+50E	.6	2	25	15	1	99	5	50
L12+00N1+75E	.5	1	26	15	1	106	5	30
L12+00N2+00E	.5	5	25	8	1	85	10	80
L12+00N2+25E	.7	3	22	5	1	69	5	50
L12+00N2+50E	.4	4	22	12	1	69	5	5
L12+00N2+75E	.4	5	26	11	2	95	5	30

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ21+22
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L12+00N3+00E	.2	1	28	12	1	86	5	190
L12+00N3+25E	.8	8	29	16	1	68	5	490
L12+00N3+50E	.4	4	22	8	1	59	10	310
L12+00N3+75E	.7	14	24	18	1	102	5	95
L12+00N4+00E	.1	1	30	21	1	181	5	55
L12+00N4+25E	.4	1	23	13	1	75	5	65
L12+00N4+50E	.4	1	29	8	1	100	5	165
L12+00N4+75E	.2	7	25	5	1	106	10	50
L12+00N5+00E	.5	3	31	13	1	99	10	190
L12+00N5+25E	.3	1	44	21	1	152	5	165
L12+00N5+50E	.7	7	35	12	1	105	5	175
L12+00N5+75E	.8	13	25	13	1	87	5	325
L12+00N6+00E	.7	8	31	13	1	80	10	185
L12+00N6+25E	.8	12	34	22	1	93	10	180
L12+00N6+50E	1.2	1	28	59	10	65	5	60
L12+00N6+75E	1.0	7	33	22	3	95	5	420
L12+00N7+00E	.5	1	40	31	2	104	20	60
L12+00N7+25E	.6	2	19	6	1	76	5	90
L12+00N7+50E	.8	6	24	10	1	93	10	230
L12+00N7+75E	.6	8	20	11	1	73	5	210
L12+00N8+00E	.7	2	23	12	1	86	5	55
L12+00N8+25E	.1	1	50	37	3	139	5	95
L12+00N8+50E	1.1	17	28	14	2	92	5	60
L12+00N8+75E	1.0	16	30	16	1	109	5	80
L12+00N9+00E	.8	22	31	18	2	115	5	15
L12+00N9+25E	1.0	10	24	18	1	83	10	90
L12+00N9+50E	1.2	36	27	16	1	99	5	50
L12+00N9+75E	1.0	27	27	15	2	93	5	145
L12+00N10+00E	.3	16	26	11	1	109	5	440
L12+00N10+25E	.8	3	31	15	1	92	5	480
L12+00N10+50E	.5	1	31	20	1	130	5	510
L12+00N10+75E	.7	1	26	18	1	86	5	290
L12+00N11+00E	.7	1	23	11	1	86	5	540
L12+00N11+25E	.7	7	27	14	1	129	5	145
L12+00N11+50E	.3	1	60	11	3	115	5	200
L12+00N11+75E	.6	2	58	5	4	114	5	425
L12+00N12+00E	.5	8	23	11	1	105	5	120
L13+00N0+00E	.4	1	25	12	1	88	10	240
L13+00N0+25E	.6	5	29	9	1	89	5	235
L13+00N0+50E	.4	1	22	12	1	78	5	65
L13+00N0+75E	.7	5	51	28	3	82	5	35
L13+00N1+00E	.4	1	22	9	1	77	5	785
L13+00N1+25E	.5	3	30	18	1	128	10	45
L13+00N1+50E	.8	1	31	17	1	97	5	55
L13+00N1+75E	.6	1	31	17	1	103	5	50
L13+00N2+00E	1.1	6	36	34	4	80	5	45
L13+00N2+25E	1.1	8	24	16	2	71	5	325
L13+00N2+50E	.8	4	34	18	1	88	10	240
L13+00N2+75E	.5	11	24	16	1	75	5	125
L13+00N3+00E	1.0	14	22	19	1	71	5	35
L13+00N3+25E	1.1	17	31	27	1	59	5	45
L13+00N3+50E	.8	16	39	19	1	104	5	195
L13+00N3+75E	.9	1	25	11	1	79	10	210
L13+00N4+00E	.2	5	19	8	1	63	5	185
L13+00N4+25E	.6	16	30	24	1	140	5	50
L13+00N4+50E	.8	11	34	16	1	105	5	160
L13+00N4+75E	1.0	11	28	15	1	88	10	310
L13+00N5+00E	.8	14	34	18	1	102	5	205
L13+00N5+25E	1.2	14	30	11	2	94	5	215
L13+00N5+50E	1.0	30	31	13	1	96	5	385

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I. PIRIE/G. EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ23+24
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L13+00N5+75E	.8	1	28	11	1	95	5	160
L13+00N6+00E	.3	2	24	14	1	106	10	135
L13+00N6+25E	.3	2	24	8	1	95	5	255
L13+00N6+50E	.6	1	44	18	1	99	5	275
L13+00N6+75E	.4	1	32	12	1	70	5	125
L13+00N7+00E	.6	15	56	29	1	89	10	160
L13+00N7+25E	.6	11	35	17	1	98	5	75
L13+00N7+50E	.7	7	115	32	1	145	5	65
L13+00N7+75E	.7	1	31	15	1	96	5	2175
L13+00N8+00E	.7	1	28	16	1	103	5	170
L13+00N8+25E	.8	4	31	23	1	100	5	325
L13+00N8+50E	.3	2	23	23	1	90	10	35
L13+00N8+75E	.6	7	42	23	1	100	10	90
L13+00N9+00E	1.0	13	56	27	1	80	5	460
L13+00N9+25E	.8	15	28	42	4	81	10	135
L13+00N9+50E	.7	1	33	41	2	85	5	55
L13+00N9+75E	.6	10	27	30	1	76	5	45
L13+00N10+00E	1.0	15	27	45	4	72	10	165
L13+00N10+25E	1.0	13	39	18	1	83	20	265
L13+00N10+50E	.7	14	32	33	2	83	5	105
L13+00N10+75E	1.1	10	46	13	2	102	5	1615
L13+00N11+00E	1.0	8	20	9	1	78	10	220
L13+00N11+25E	1.5	27	34	33	2	97	5	385
L13+00N11+50E	.9	6	23	12	1	103	5	70
L13+00N11+75E	1.2	16	29	18	1	117	5	320
L13+00N12+00E	1.3	2	25	15	1	91	10	100
L14+00N0+00E	.5	1	49	25	1	238	5	595
L14+00N0+25E	.7	9	32	16	1	113	10	175
L14+00N0+50E	.5	5	27	15	1	100	5	195
L14+00N0+75E	.4	7	22	11	1	114	5	185
L14+00N1+00E	.7	1	27	15	1	82	10	135
L14+00N1+25E	.1	1	22	6	1	108	5	85
L14+00N1+50E	.3	1	24	6	1	91	5	40
L14+00N1+75E	.4	1	27	11	1	90	5	55
L14+00N2+00E	.5	15	23	12	1	78	5	65
L14+00N2+25E	.9	9	32	16	1	66	10	140
L14+00N2+50E	.5	11	29	26	2	64	5	30
L14+00N2+75E	.7	1	25	12	1	64	5	10
L14+00N3+00E	.3	2	30	8	1	69	5	60
L14+00N3+25E	.1	1	28	12	1	100	10	65
L14+00N3+50E	.1	1	28	7	1	93	0	80
L14+00N3+75E	.4	1	28	11	1	99	5	185
L14+00N4+00E	.4	1	28	13	1	90	5	165
L14+00N4+25E	.6	1	23	11	1	71	5	190
L14+00N4+50E	.6	3	26	11	1	78	5	95
L14+00N4+75E	.8	6	27	4	1	101	5	200
L14+00N5+00E	.9	4	30	8	1	98	10	185
L14+00N5+25E	.4	1	25	16	1	94	5	110
L14+00N5+50E	.7	11	49	19	2	97	5	400
L14+00N5+75E	.6	16	24	10	1	84	10	200
L14+00N6+00E	.5	14	25	5	1	114	5	100
L14+00N6+25E	.8	8	25	13	1	89	5	155
L14+00N6+50E	1.0	14	28	7	1	97	5	145
L14+00N6+75E	.6	1	29	20	1	125	10	75
L14+00N7+00E	.8	1	63	18	1	128	5	85
L14+00N7+25E	.4	7	134	29	2	116	10	175
L14+00N7+50E	.8	11	35	10	1	98	5	85
L14+00N7+75E	.5	1	33	8	1	124	5	45
L14+00N8+00E	1.3	17	31	14	1	99	5	360
L14+00N8+25E	.7	18	38	14	1	105	5	570

COMP: MINNOVA INC.
 PROJ: LAST CHANCE
 ATTN: I.PIRIE/G.EVANS

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1435-SJ25+26
 DATE: NOV-04-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
L14+00N8+50E	.6	1	35	9	1	110	5	220
L14+00N8+75E	1.0	5	35	29	2	85	5	185
L14+00N9+00E	.9	1	27	19	1	103	10	40
L14+00N9+25E	.9	10	35	20	1	108	5	70
L14+00N9+50E	.9	6	40	34	3	93	5	40
L14+00N9+75E	.9	3	31	22	1	96	5	45
L14+00N10+00E	1.1	1	33	44	4	73	5	100
L14+00N10+25E	1.3	1	29	78	16	69	10	35
L14+00N10+50E	1.2	1	29	20	2	66	5	40
L14+00N10+75E	1.4	1	31	10	1	97	5	120
L14+00N11+00E	.8	10	38	13	1	126	5	50
L14+00N11+25E	1.1	10	31	16	1	124	5	125
L14+00N11+50E	.9	1	26	15	1	124	5	15
L14+00N11+75E	1.4	16	29	31	1	102	10	60
L14+00N12+00E	1.1	9	32	15	1	137	10	30
L15+00N0+00E	1.0	4	24	14	1	85	5	35
L15+00N0+25E	.7	1	26	9	1	69	5	65
L15+00N0+50E	1.1	12	30	18	1	73	5	50
L15+00N0+75E	1.0	6	33	12	1	78	5	120
L15+00N1+00E	1.0	13	29	14	1	91	5	55
L15+00N1+25E	.7	1	24	14	1	113	5	20
L15+00N1+50E	1.2	8	37	16	1	108	10	55
L15+00N1+75E	1.3	1	48	29	3	88	5	505
L15+00N2+00E	1.4	46	69	30	5	60	5	30
L15+00N2+25E	.9	7	32	15	2	112	5	40
L15+00N2+50E	.5	1	25	12	1	91	10	30
L15+00N2+75E	1.3	1	29	15	1	98	5	135
L15+00N3+00E	1.1	1	27	13	1	90	5	105
L15+00N3+25E	1.0	1	29	14	1	89	5	35
L15+00N3+50E	.7	5	23	16	1	82	5	5
L15+00N3+75E	.5	1	23	13	4	82	5	85
L15+00N4+00E	.5	1	25	16	5	79	5	320
L15+00N4+25E	.9	1	27	12	4	88	5	150
L15+00N4+50E	1.0	1	30	13	4	75	5	340
L15+00N4+75E	1.0	1	29	18	5	90	5	100
L15+00N5+00E	.9	1	29	16	5	92	10	175
L15+00N5+25E	.8	16	52	36	8	79	5	50
L15+00N5+50E	.7	4	23	24	5	80	5	155
L15+00N5+75E	.7	1	25	12	3	83	5	140
L15+00N6+00E	.6	3	23	15	4	80	5	200
L15+00N6+25E	.5	9	25	15	5	81	5	175
L15+00N6+50E	.6	10	24	15	4	82	5	150
L15+00N6+75E	.5	1	30	19	4	100	10	110
L15+00N7+00E	.3	1	33	18	5	81	5	135
L15+00N7+25E	.6	1	25	13	5	86	10	145
L15+00N7+50E	.6	1	24	14	5	90	5	50
L15+00N7+75E	.2	1	34	24	5	114	5	100
L15+00N8+00E	.7	14	50	29	7	120	5	95
L15+00N8+25E	.9	8	33	19	5	122	5	195
L15+00N8+50E	.6	1	27	18	6	134	10	1875
L15+00N8+75E	.9	9	39	52	14	110	5	75
L15+00N9+00E	.7	1	31	11	5	127	5	55
L15+00N9+25E	.5	1	30	15	5	112	5	125
L15+00N9+50E	.4	3	30	14	5	94	10	20
L15+00N9+75E	.5	10	53	28	8	95	5	30
L15+00N10+00E	.6	1	31	13	5	93	5	5
L15+00N10+25E	.4	4	18	4	3	60	5	65
L15+00N10+50E	.5	1	27	18	4	97	5	5
L15+00N10+75E	.6	1	24	19	5	79	5	125
L15+00N11+00E	.8	1	35	11	4	94	5	30

COMP: MINNOVA INC.

PROJ: 622

ATTN: R.MACINTOSH/G.EVANS/I.PIRIE

MIN-EN LABS — ICP REPORT

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

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

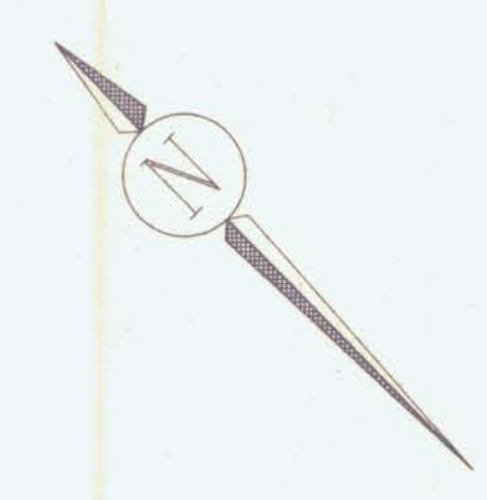
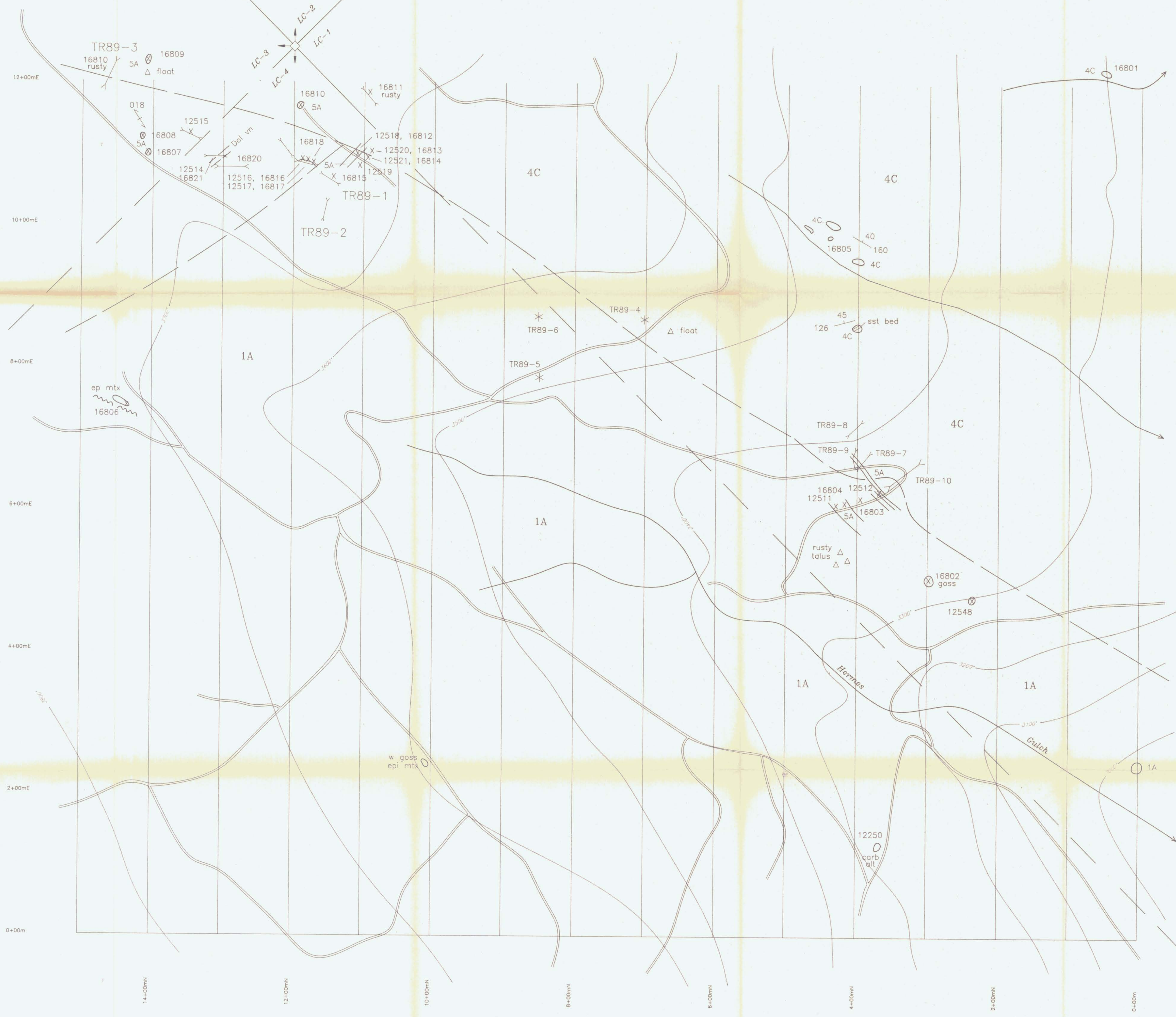
FILE NO: 9V-1587-SJ1

DATE: DEC-03-89

* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
TR5	1.2	1	34	21	2	88	5	655
TR6	1.2	1	36	25	1	74	10	1280
SOIL 000	1.2	1	34	33	1	76	5	300

RECEIVED
DEC 11 1989
Ans'd



LEGEND

- 1A Andesitic/Basaltic Breccia
- 4C Pebble Conglomerate
- 5A Intermediate/Mafic Dykes

- Dol vn - Dolomitic Vein
- goss - Gossan
- est - Sandstone
- ep - Epidote
- carb - Carbonate
- alt - Alteration

- Geological Contact (assumed,observed)
- ~ Gully (creek)
- Outcrop
- △ Float
- ✕ Trench Location
- || Bedding
- /// Foliation

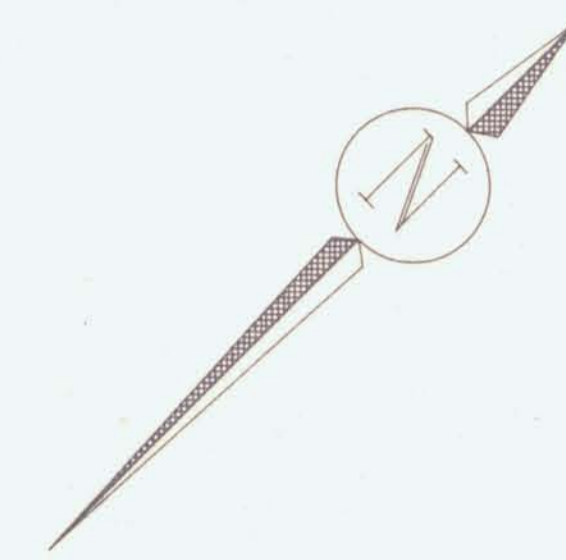
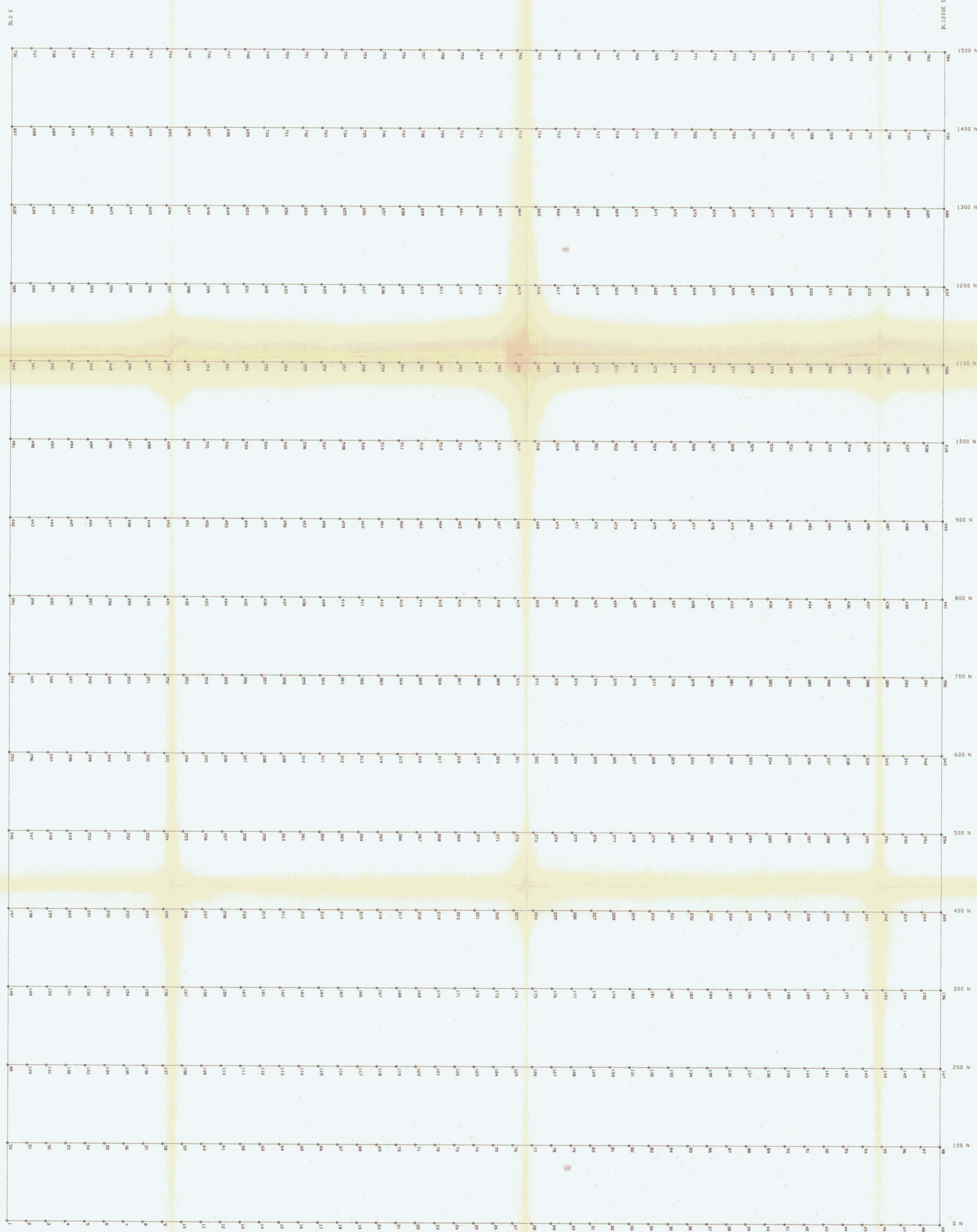
GEOLOGICAL BRANCH ASSESSMENT REPORT

20,000

MINNOVA Inc. FIG No. 4

LAST CHANCE GRID
GEOLOGY &
TRENCH LOCATIONS WITH
SAMPLE SITES

NTS: 92/15	FILE: LC02.DWG
Draw by : GWE/pg	SCALE: 1:2500
Date: MAY 1990	0 25 50 75 100m
Revised by :	



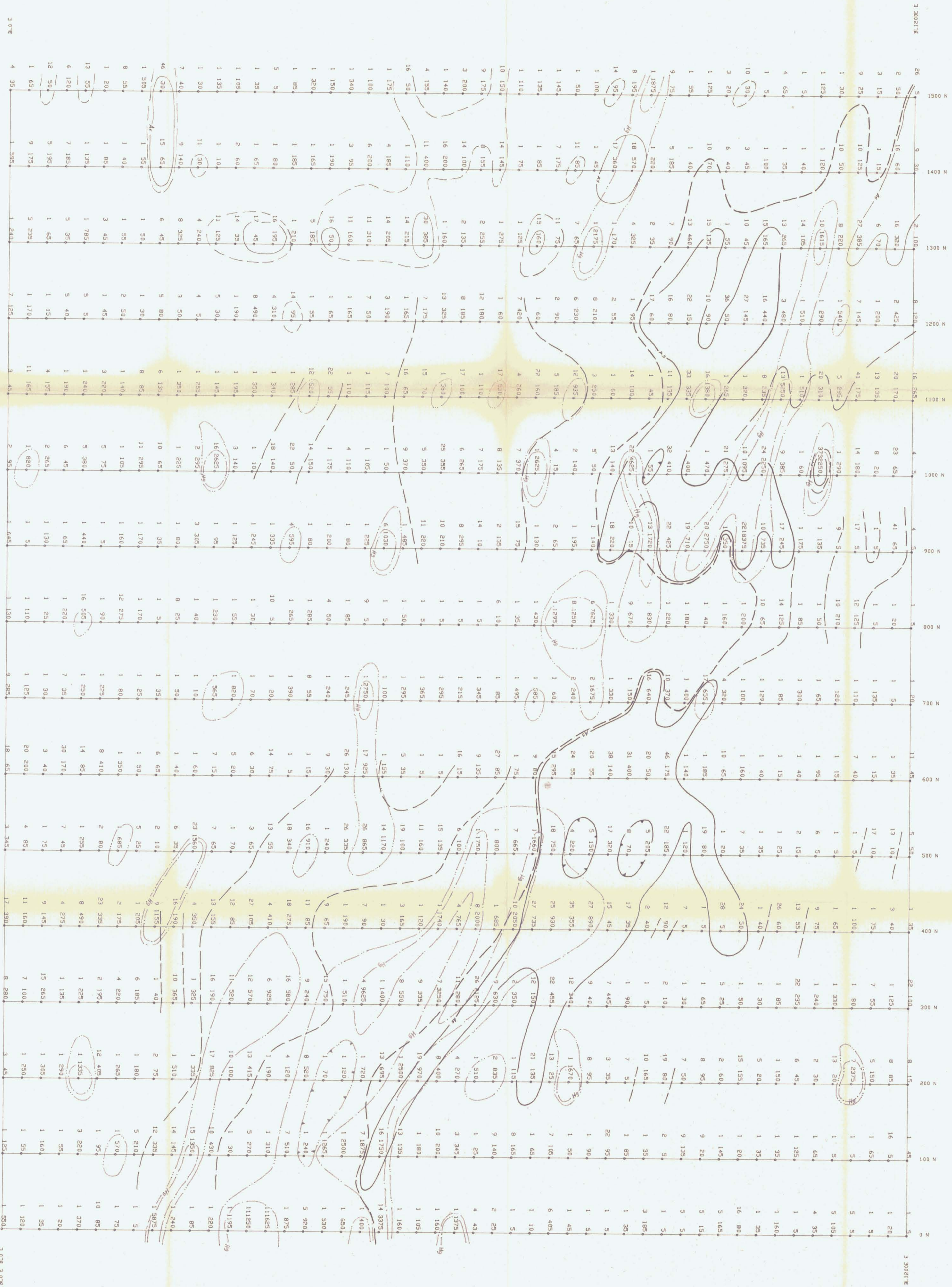
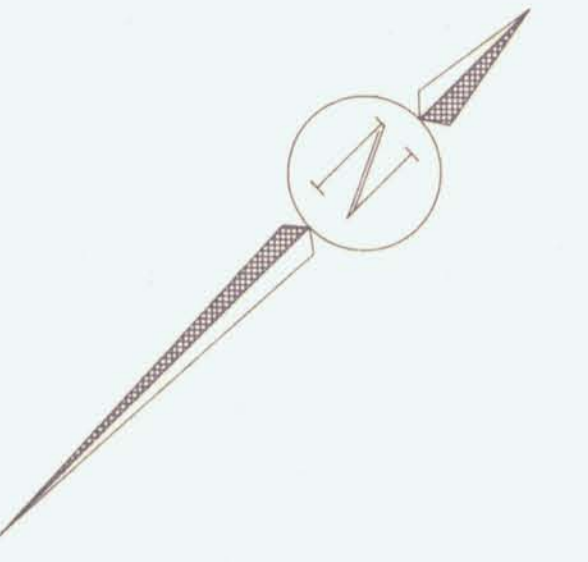
GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,000

MINNOVA Inc. Map No. 16

LAST CHANCE
SOIL GEOCHEMISTRY
SAMPLE LOCATIONS

Traced by :	Approved by :
Drawn by : GWT/gh FEBRUARY 1990	Scale: 1:2500
Supervised by :	
Revised by :	



CONTOUR INTERVALS
As 15ppm
As 10ppm
Hg 100ppb
Hg 500ppb

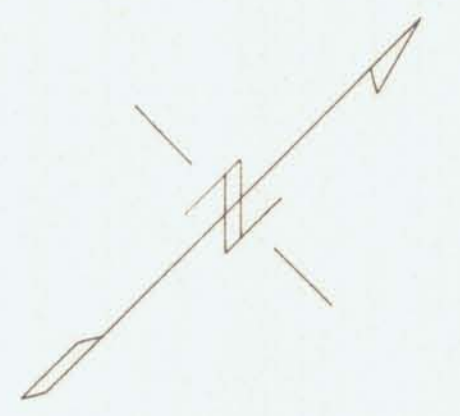
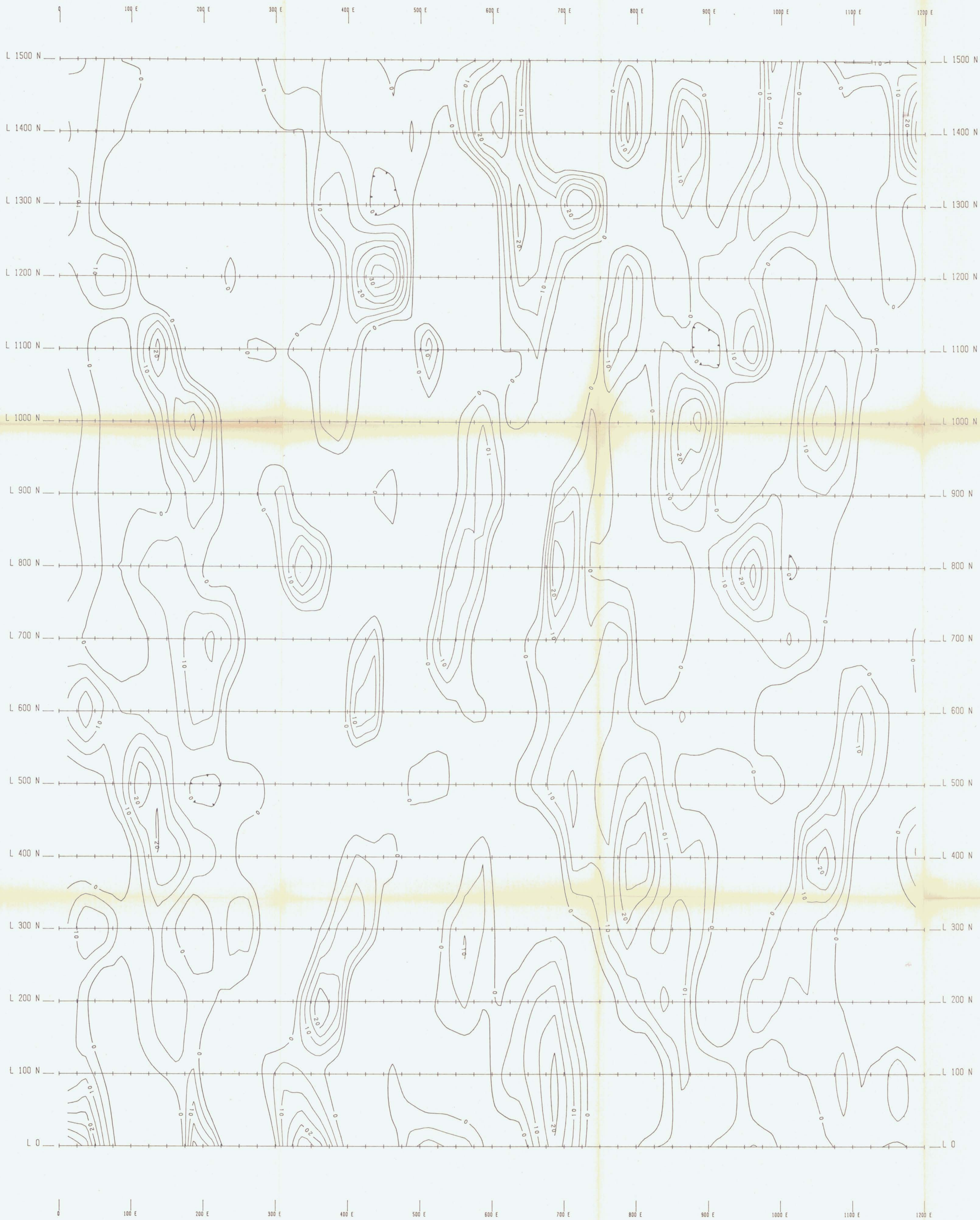
GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,000

MINNOVA Inc. 17

LAST CHANCE
SOIL GEOCHEMISTRY
As ppm, Hg ppb

Traced by :	Approved by :
Drawn by : CML/ep FEBRUARY 1990	Scale: 1:2500
Supervised by :	
Revised by :	



INSTRUMENT : EDA OMNI PLUS

Contour Interval : 5,10

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,000

SCALE 1:2500

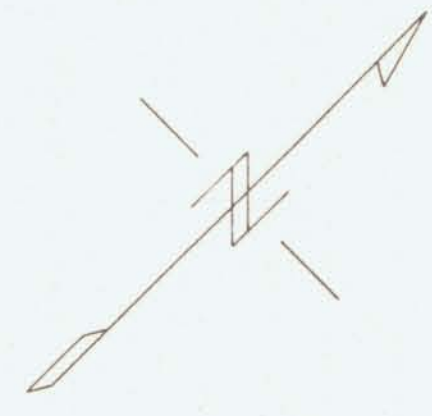
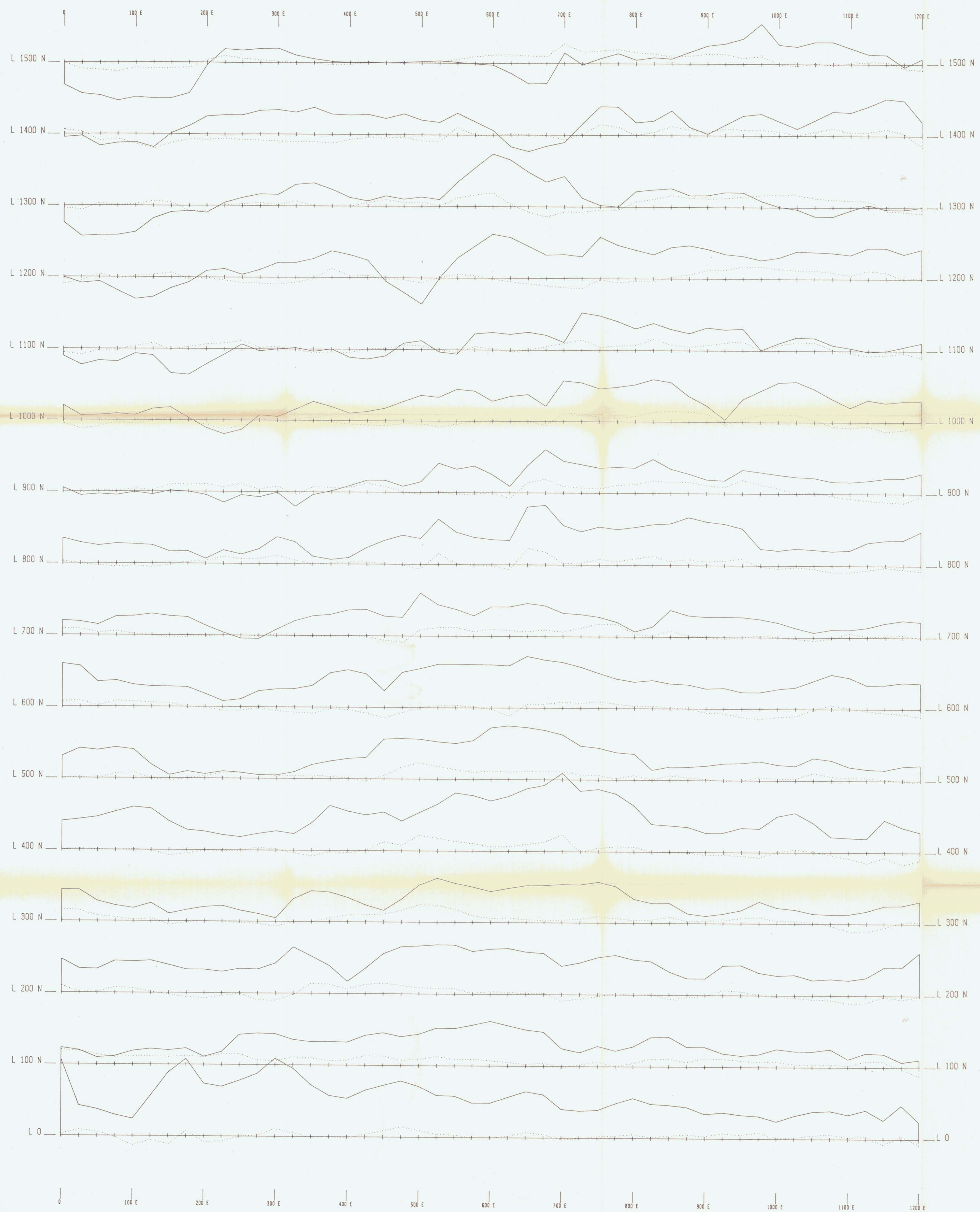


MINNOVA INC.
L C CLAIM
ANNAPOLIS VLF - EM
FRASER FILTERED
CONTOUR MAP

REVISIONS

By	Date	Approv. By

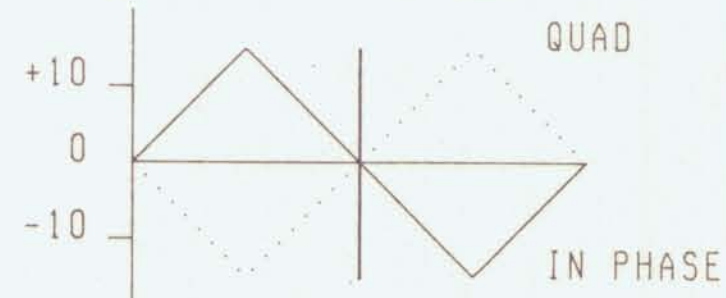
In accompanying report by **FIG.26**
 Project No: Report No:
 Mining Div: Kamloops U.I.S.: 82M/SH, 92P/8E
 Date: 20/11/89 Map No:
 QUEST CANADA EXPLORATION SERVICES INC.



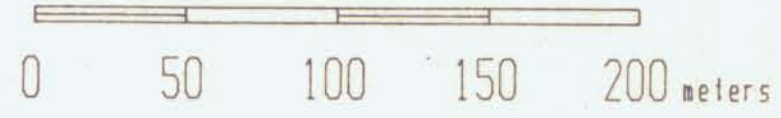
INSTRUMENT : EDA OMNI PLUS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,000



SCALE 1:2500



REVISIONS

By	Date	Approv.By

MINNOVA INC.
LC CLAIM
VLF-EM
PROFILE MAP
ANNAPOLIS 21.4 kHz

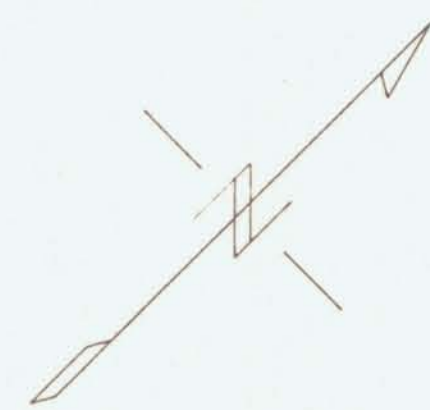
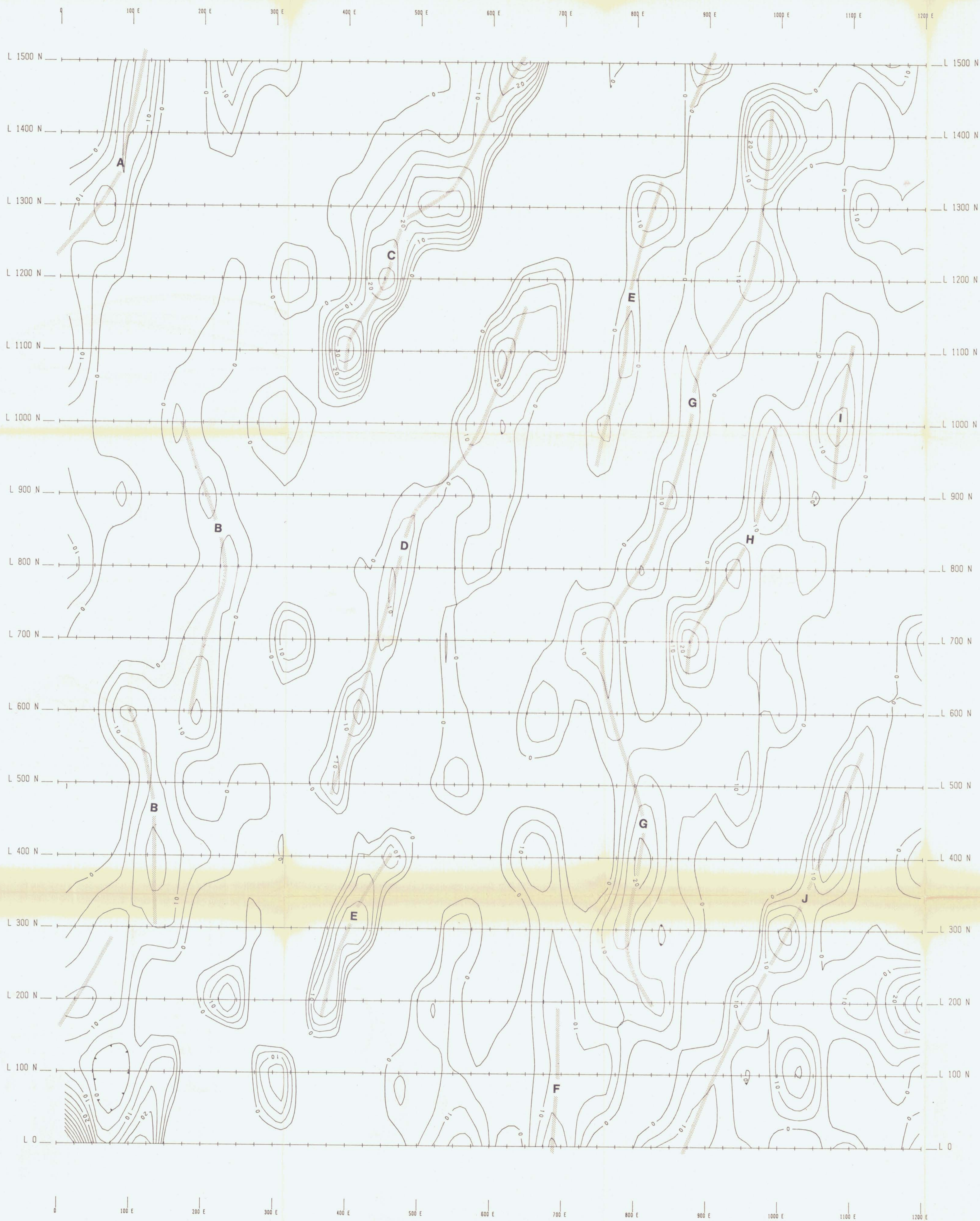
In accompany a report by **FIG.25**
Project No: Report No:
Drawing Dir: Kamloops U.T.M.: 82N/SW, 92P/8E
Date 11/18/89 Map No:
QUEST CANADA EXPLORATION SERVICES INC.



CONTOUR INTERVAL
Ag 1.5 ppm
GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,000

MINNOVA Inc.		Map No. 18
LAST CHANCE SOIL GEOCHEMISTRY Ag ppm, Au ppb		
Traced by : _____	Approved by : _____	
Drawn by : GWA/PS FEBRUARY 1990	Scale: 1:2500	
Supervised by : _____		
Revised by : _____		



INSTRUMENT : EDA OMNI PLUS

Contour Interval : 5,10

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,000

SCALE 1:2500

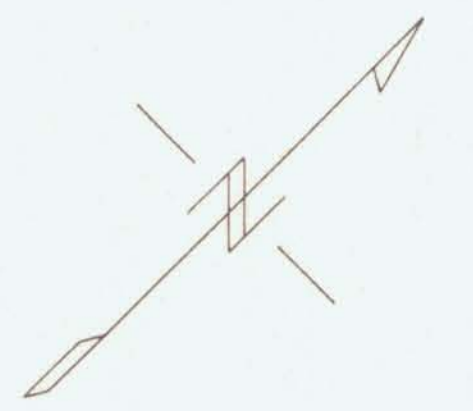
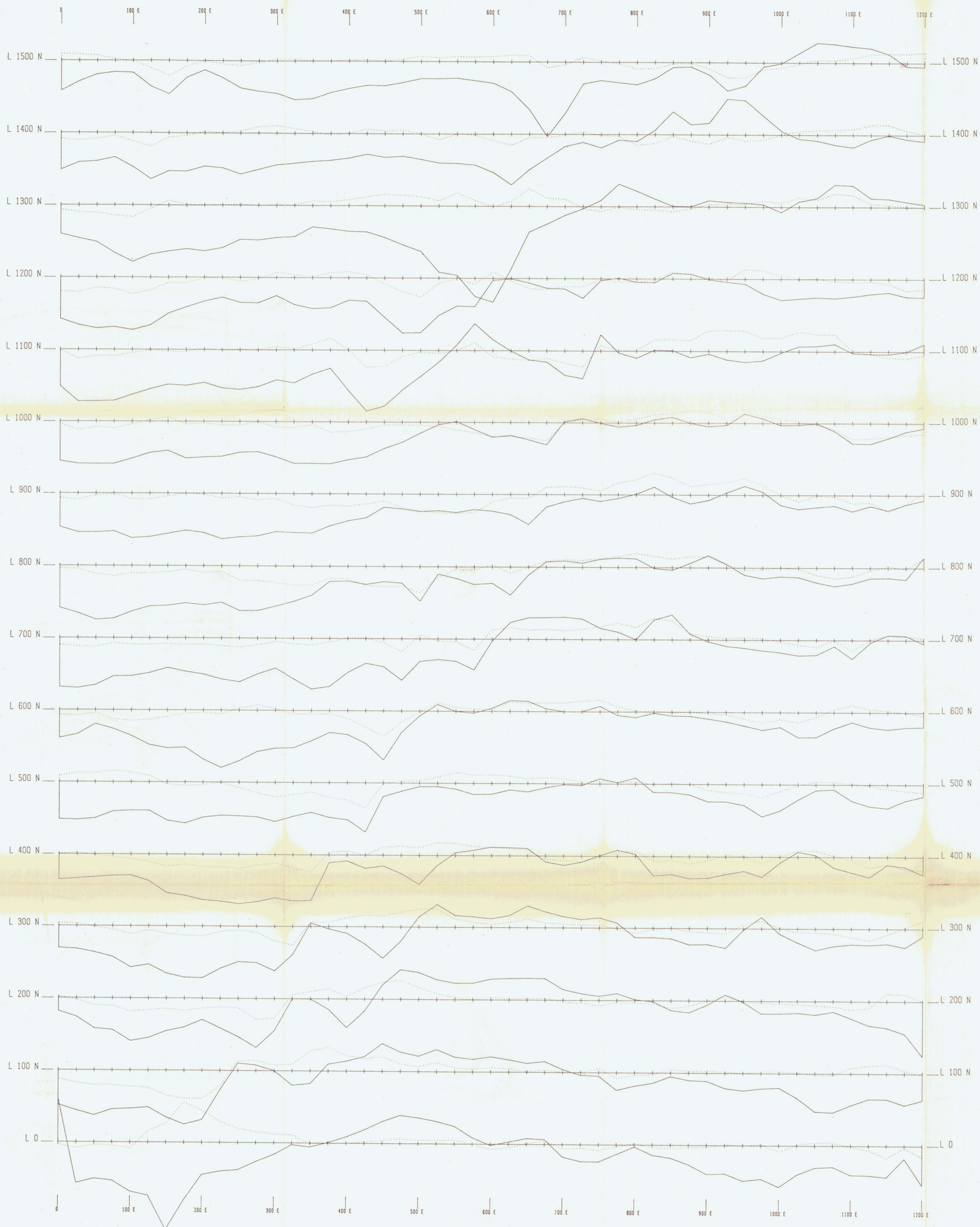


MINNOVA INC.
L C CLAIM
SEATTLE VLF - EM
FRASER FILTERED
CONTOUR MAP

REVISIONS

By	Date	Apprv.By

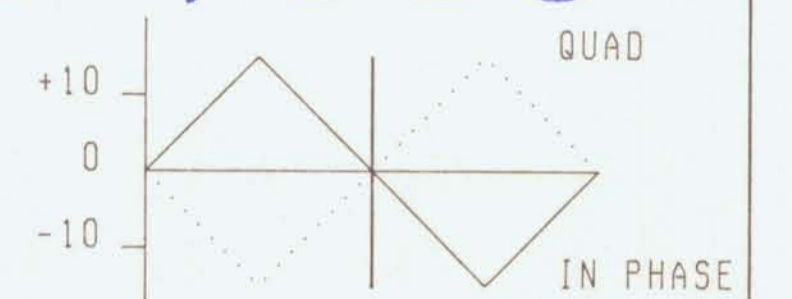
In accompanying report by **FIG.24**
 Project No: Report No:
 Mining Div: Kamloops U.I.S.: 82M/SW, 92P/8E
 Date 20/11/89 Map No:
 QUEST CANADA EXPLORATION SERVICES INC.



INSTRUMENT : EDA OMNI PLUS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,000



SCALE 1:2500

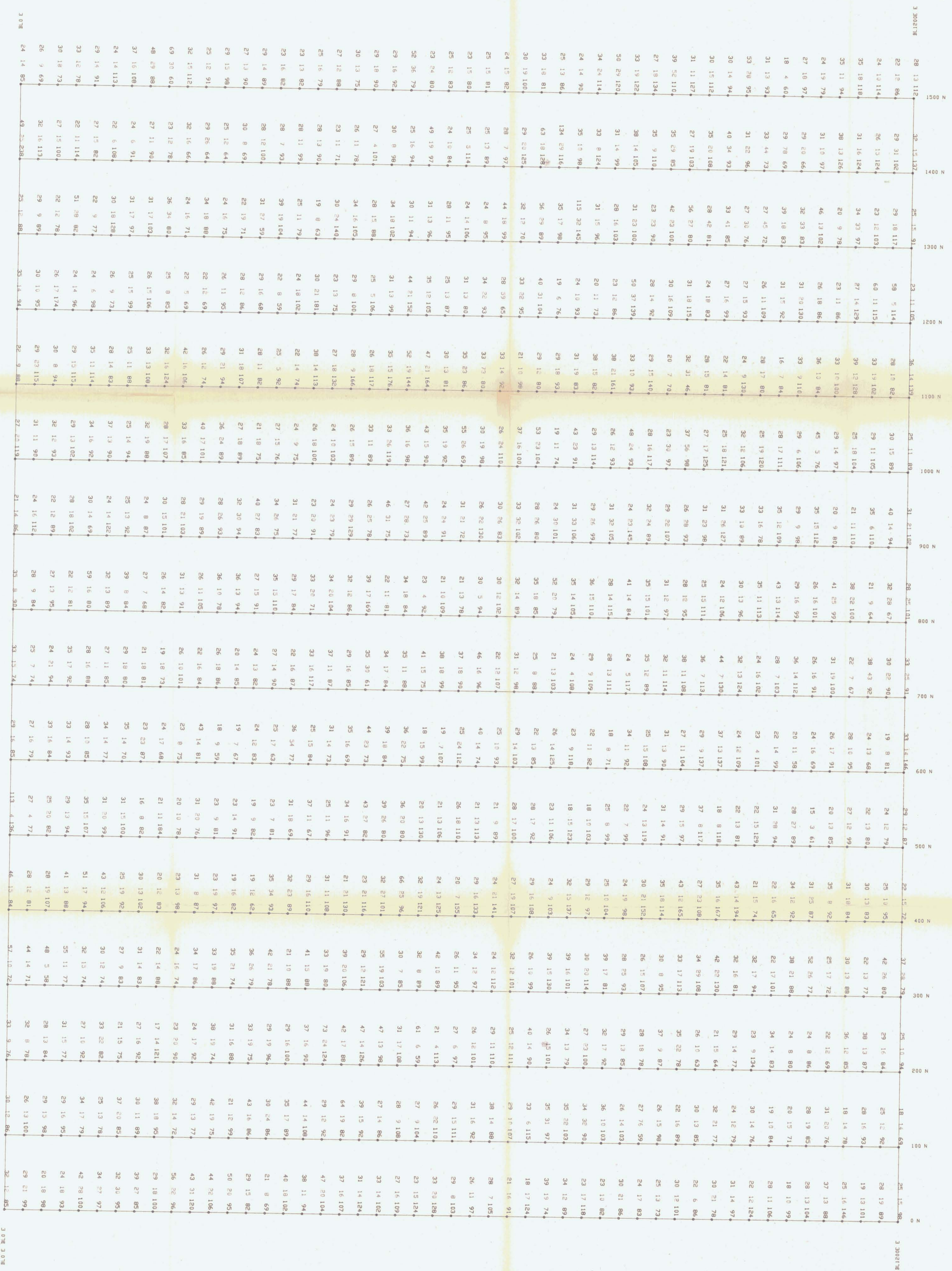
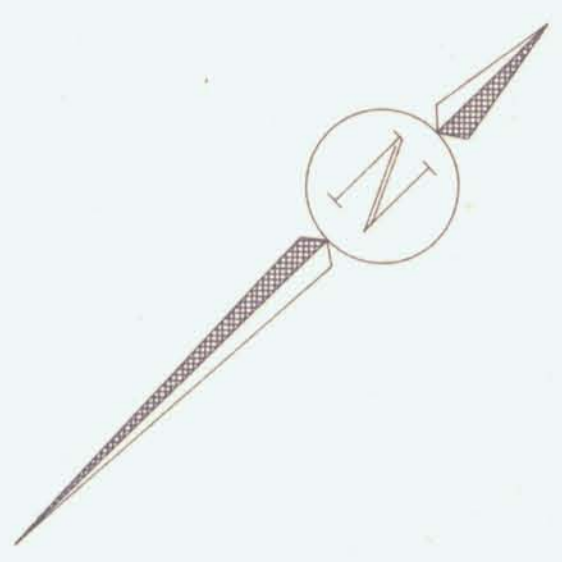


MINNOVA INC.
LC CLAIM
VLF-EM
PROFILE MAP
SEATTLE 24.8 kHz

REVISIONS

By	Date	Approv. By

In accompanying report by **FIG. 23**
 Project No: Report No:
 Mining Dir: Kamloops V.L.S.: 82M/SW, 92P/8E
 Date 11/18/89 Map No:
QUEST CANADA EXPLORATION SERVICES INC.



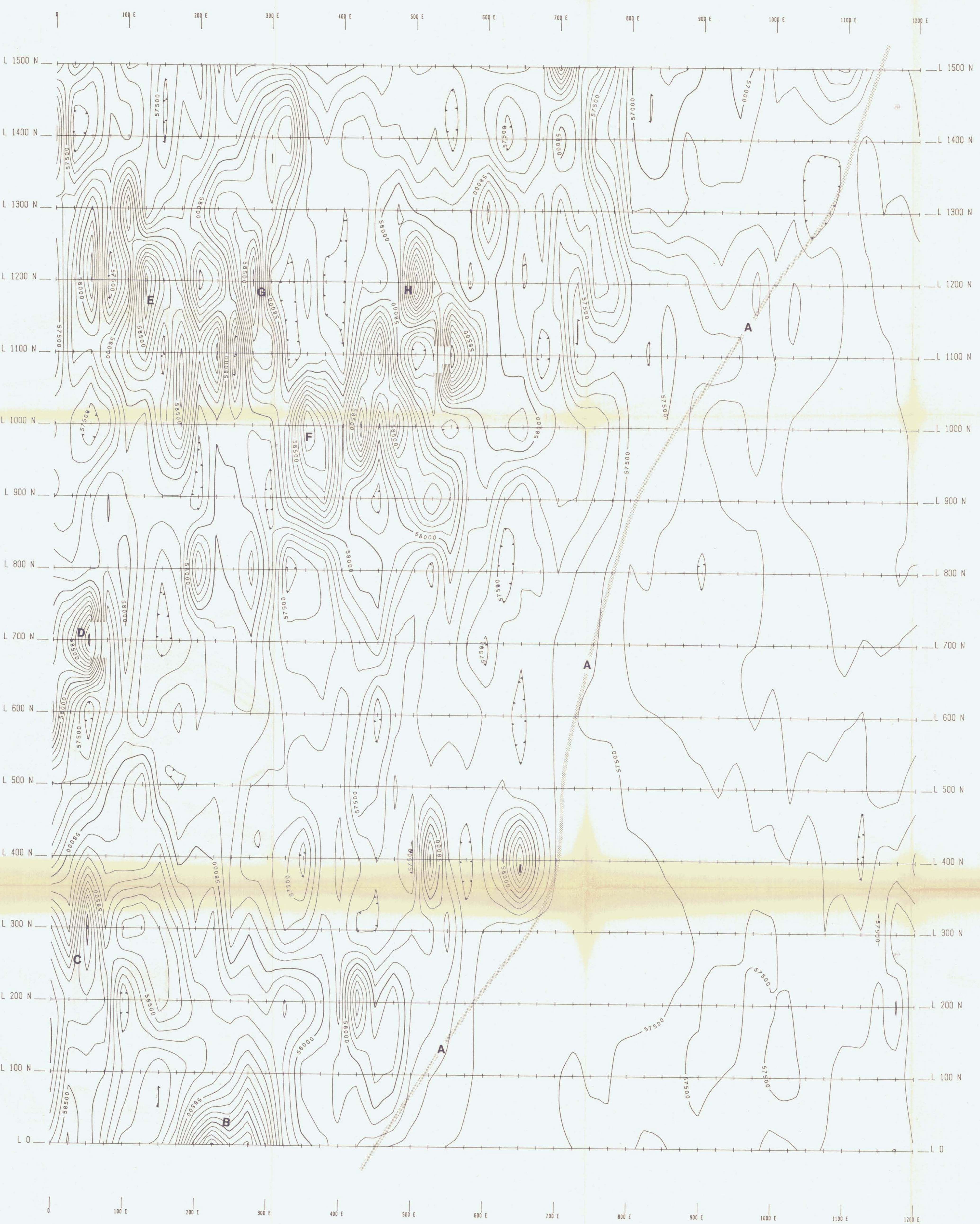
GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,000

MINNOVA Inc. Map No. 19

LAST CHANCE
SOIL GEOCHEMISTRY
Cu ppm, Pb ppm, Zn ppm

Traced by : _____	Approved by : _____
Drawn by : GWT/vph FEBRUARY 1990	Scale: 1:2500
Supervised by : _____	
Revised by : _____	



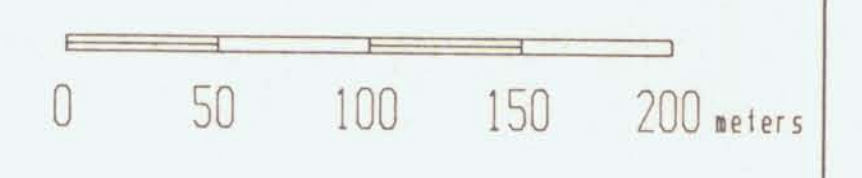
INSTRUMENT : EDA OMNI PLUS

Contour Interval : 100nt.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,000

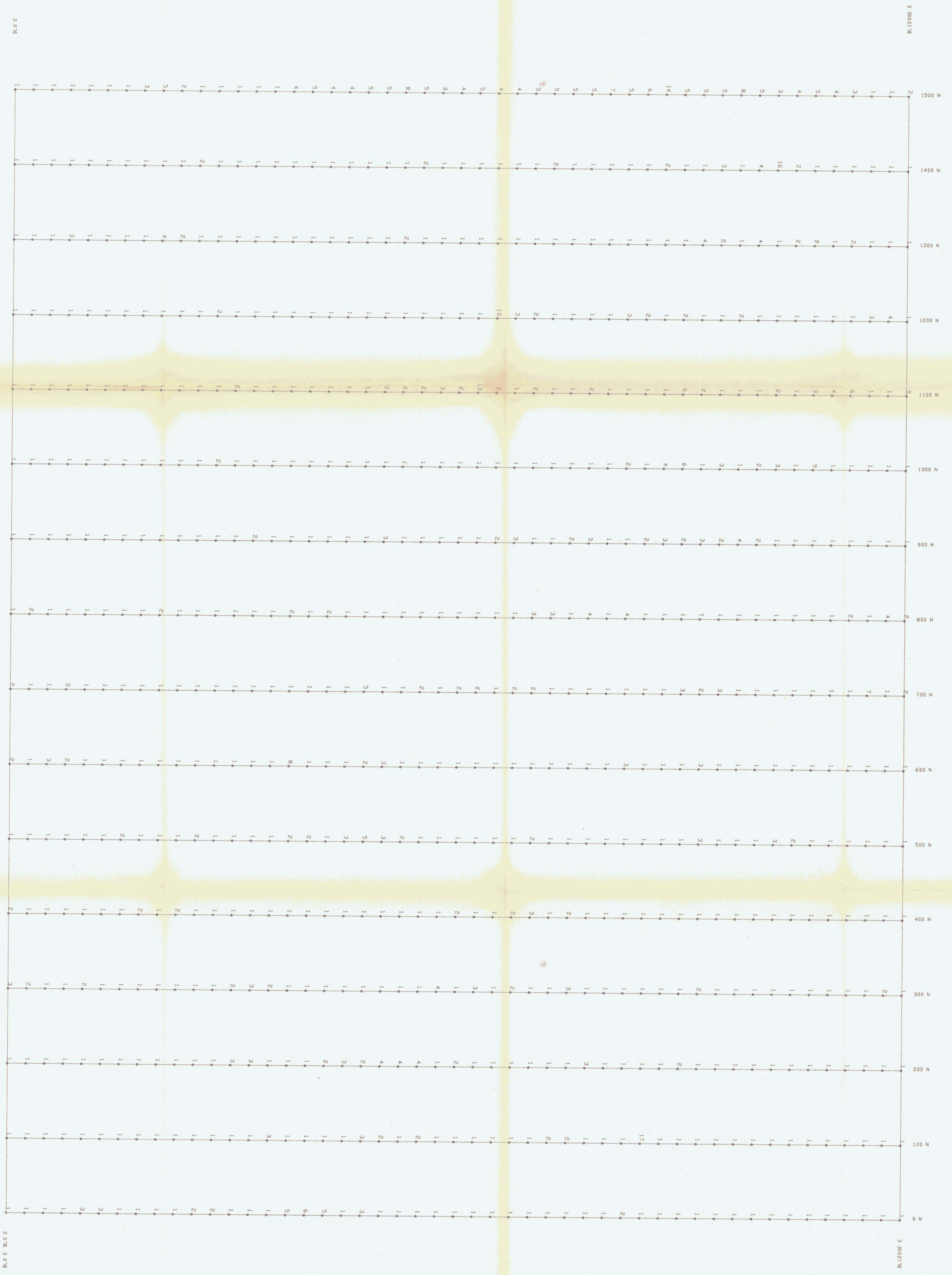
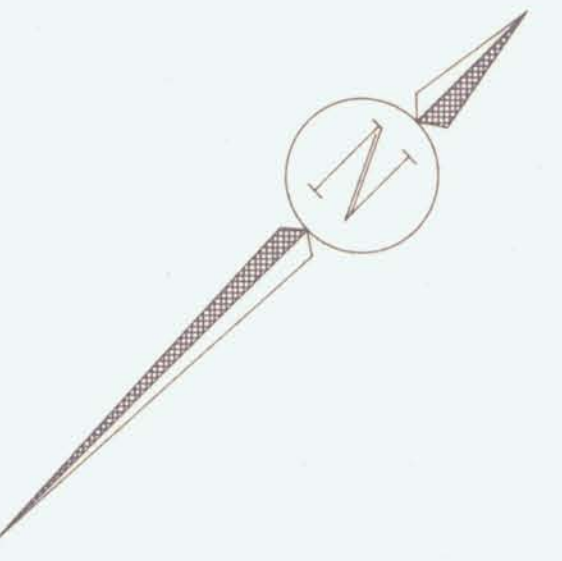
SCALE 1:2500



MINNOVA INC.
L C CLAIM
TOTAL FIELD MAG
CONTOUR MAP

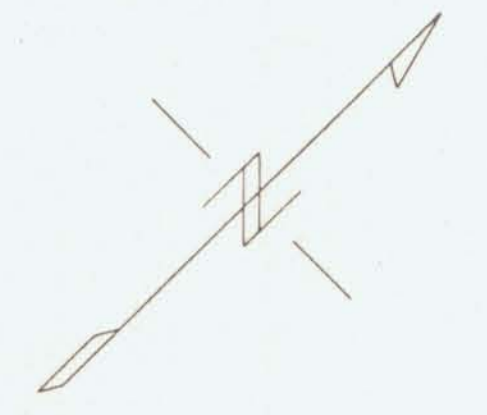
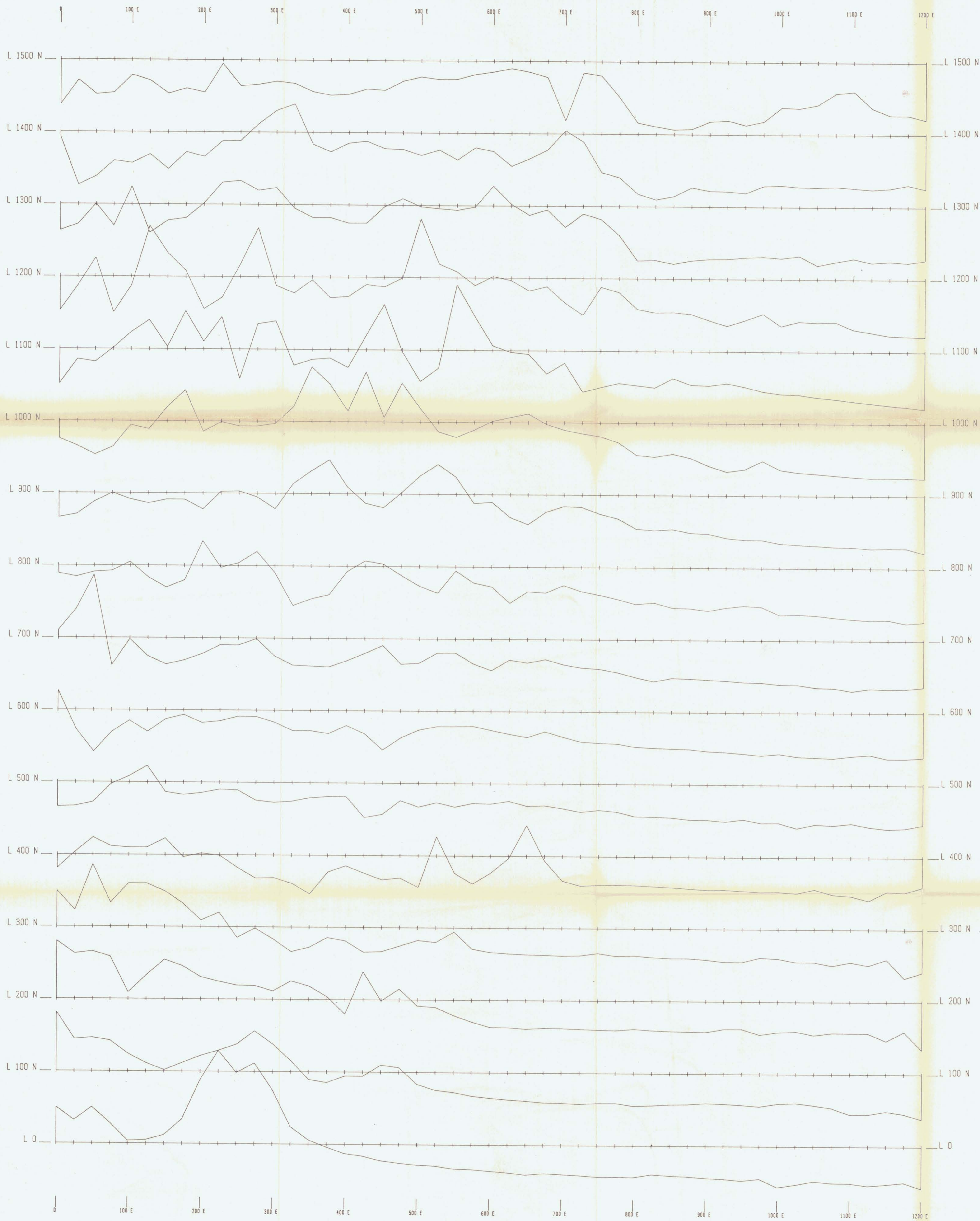
REVISIONS		
By	Date	Approv. By

To accompany a report by **FIG.22**
 Project No:
 Report No:
 Mining Div: Nanloops
 Date: 20/11/89
 Report No: 82M/SW, 92P/8E
 QUEST CANADA EXPLORATION SERVICES INC.



20,000

MINNOVA Inc.		Map No. 20
LAST CHANCE SOIL GEOCHEMISTRY Sb ppm		
Traced by : _____	Approved by : _____	
Drawn by : CWS/ren FEBRUARY 1990	Scale: 1:2500	
Supervised by : _____	0 25 50 75 100m	
Revised by : _____		

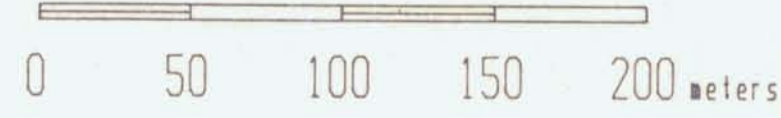


INSTRUMENT : EDA OMNI PLUS

Profile Scale : 1cm = 300nt

Line Trace = 58000nt
GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,000
 SCALE 1:2500



MINNOVA INC.
 LC CLAIM

TOTAL FIELD MAG
 PROFILE MAP

REVISIONS

By	Date	Appov.By

In accompany a report by				FIG.21
Project No:		Report No:		
Mapping Div:	MapLoops	U.I.S.:	82N/5W, 92P/8E	
Date	11/18/89	Map No:		
QUEST CANADA EXPLORATION SERVICES INC.				