85-1031-14666

LEVON RESOURCES LTD.
455 Granville St.
Vancouver, B.C.
V6C 1T1

Assessment Work Report on the

BIG APPLE Mineral Claim
Record No. 1982(2)

LILLOOET MINING DIVISION
Goldbridge, B.C.
92-J-15-W
Long. 122 47'30' Lat. 50 52'
GEOLOGICAL, SOIL GEOCHEMISTRY AND MAGNETOMETER SURVEY

FILMED

Operator
LEVON RESOURCES LTD.
455 Granville St.
Vancouver, B.C.
V6C 1T1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,666

by
P.S. Friesen P. Eng.
Dec. 8, 1985

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92-J-15-W

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Dec. 8, 1985

INTRODUCTION

General

A VLF-electromagnetic survey was carried out over most of the BIG APPLE mineral claim eanly in 1985. This was to comply with assessment work requirements.

The same grid that was established for the VLF-electromagnetic survey, was used for mapping the geology, soil sampling and a magnetometer survey.

Property, Ownership and Location

Levon Resources Ltd. of 455 Granville St., Vancouver, B.C. V6C 1T1 wholly owns the BIG APPLE No. 1 claim, record No. 1982(2) which consists of 18 units except for a group of crown granted claims in the north eastern part of the claim area as well as the NORMA mineral claim.

It is situated in N.T.S. 92-J-15-W, in the Lillooet Mining Division about 5 kilometers east of Goldbridge, B.C. The claim is accessible from Goldbridge by a good gravel road. A road to MacDonald Lake more or less follows the west boundary of the claim and access by walking is not difficult.

History

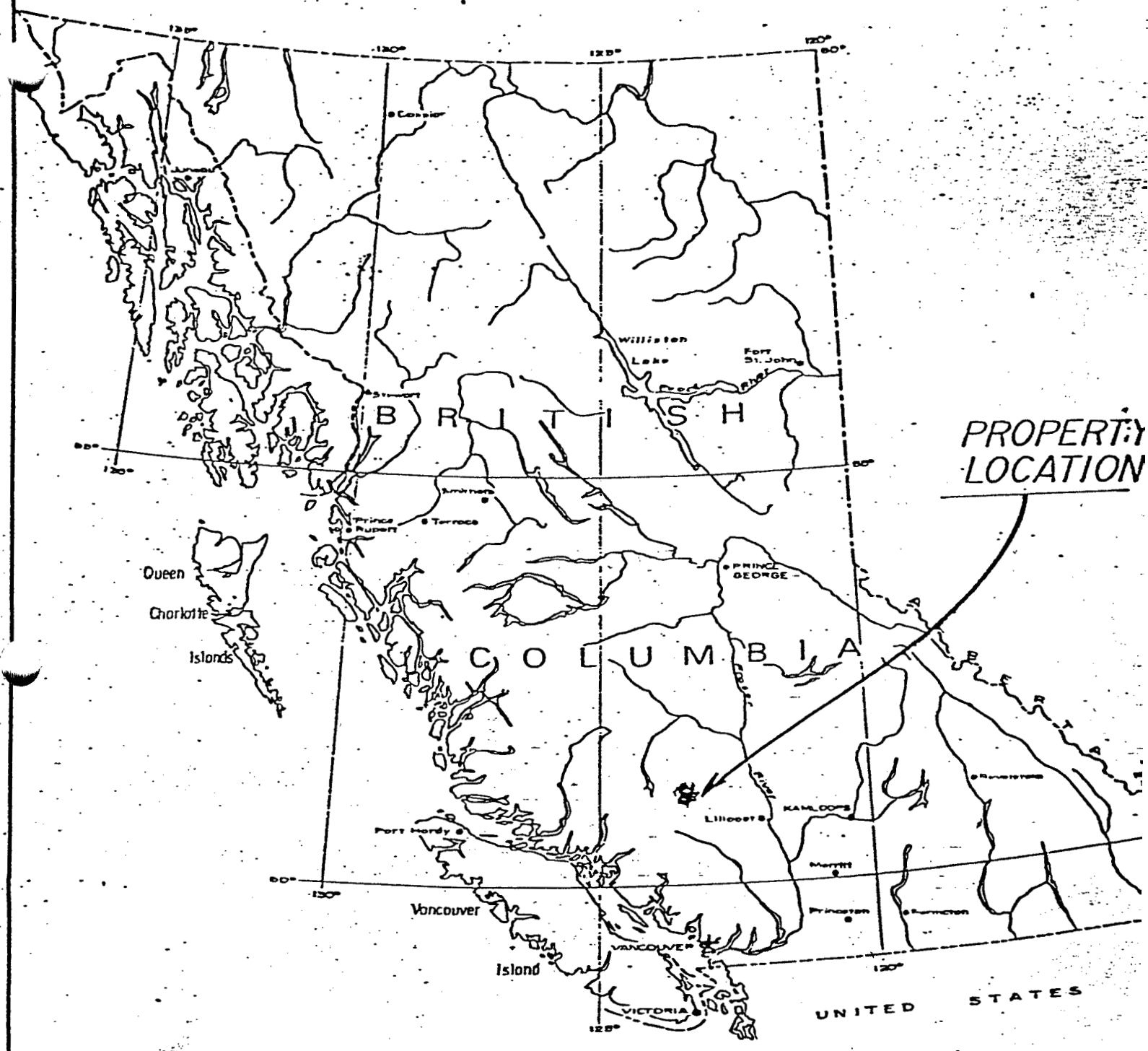
The claim area has been prospected over the years but no

zones of economic mineralization have been exposed.

The VLF-electromagnetic survey, carried out in early 1985, found a zone which appears to be conductive. The data does not give good correlation and may be due to topography. The only definite zone passes through lines 18S, 19S, 20S, and 21S near stations 9E and 10E.

Acknowledgements

This report is based upon data in government files and personal knowledge of the area. The field geology was carried out by Mr. Halim Arik and the edited report is included in this report. Soil sampling was carried out by Mr. Bill Smith of Goldbridge, B.C.



LOCATION MAP

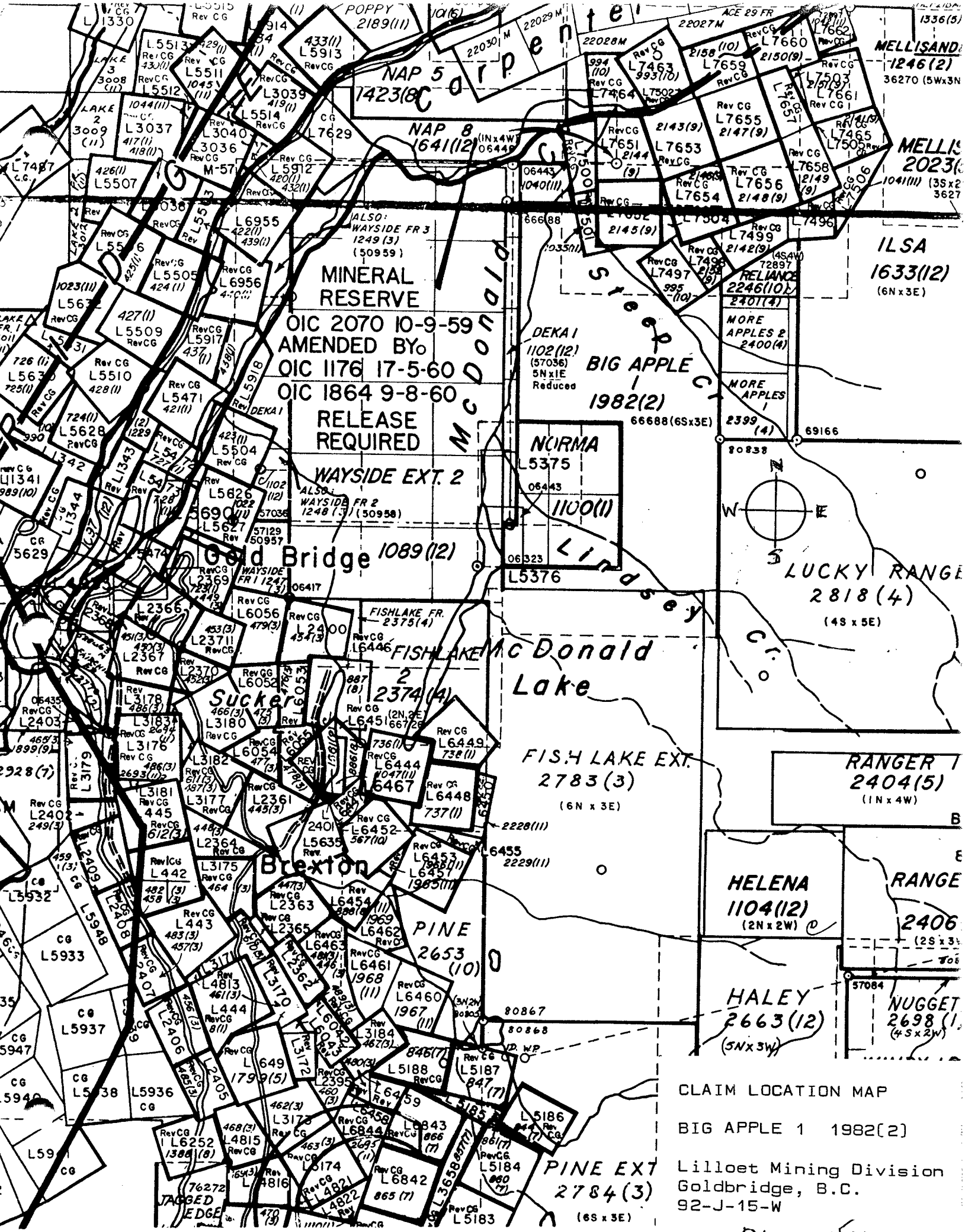
LEVON RESOURCES LTD.

LILLOOET MD NTS M92J/15E

SCALE

Km. 100 50. 0 100 200 300 400 Km

Miles 100 50 0 100 200 Mi



CLAIM LOCATION MAP

BIG APPLE 1 1982[2]

Lilloet Mining Division
Goldbridge, B.C.
92-J-15-W

0 500 m

SURVEY CONTROL

General

The grid used in the current surveys was established during the early part of 1985. The west boundary of the BIG APPLE mineral claim was used as the baseline. Beginning at the south end (which is also the location of the Legal Claims post (LCP), lines were established at 100 meter intervals for 2.1 kilometers. The lines were established on a bearing of due east and continued until they reached Steep Creek, except lines 20S and 21S which reached the east claim boundary at 1.5 kilometers east of the baseline.

Stations were established along the lines at 25 meter intervals.

All lines were established with a compass and chain and stations were established by using flagging.

GEOGRAPHY

General

The claim lies on the north slope of Bendor Range and elevation varies from 654 meters at Carpenter Lake to 1372 meters with sheer cliffs locally.

Vegetation

The area is covered by commercial timber with heavy underbrush over most of the area.

Water

Steep Creek and Lindsay Creek cross the north and south part of the claim. Both Creeks flow continously.

Power

Carpenter Lake is a reservoir for a hydro-electric plant of Seton Portage. High tension lines carry electricity to Goldbridge which is about 5 kilometers to the west.

Climate

The north slopes of the ranges are generally quite pleasant during the summer. The winters vary from year to year from only a few centimeters of snow to over 3 meters. Temperatures vary from minus -30 degrees to over 38 degrees Celsius.

GEOPHYSICS

General

In the early part of 1985 a VLF-EM survey was carried out over the northern and central part of the BIG APPLE mineral claim. One conductor about 350 meters west of and roughly paralleling the trend of Steep Creek was indicated from line 13+00S to line 21+00S.

Magnetometer Survey

Except for some higher magnetic values in the south-eastern part of the surveyed area, there is very little magnetic variation over the claim. The VLF-EM conductor has no corresponding magnetic variation.

Results

The increases in the magnetic field is accompanied by some silicification and minor alteration near a volcanic - chert contact.

At 3+50E on line 17S, there is a weak correlation between the increase in the magnetic field, the copper, arsenic, and silver soil geochemical values. It also corresponds with some silicification and alteration in the bedrock.

GEOLOGY

General Statement

The bedrock exposures were mapped by Halim Arik. His mapping and remarks on the geology has been edited for this report.

Formation Geology

There is paucity of bedrock exposures but the few that can be found indicate that the rock formations are mostly of the Fergusson group of Permian age. Cherts, and argillite are interlayered with andesitic and basaltic lavas.

The bedrock is covered with a thick mantle of glacial morraine of the Pleistocene Period.

Structural Geology

The few outcrops show a highly contorted formation but the alignment of exposures indicate a northwesterly trend to the formations.

Steep Creek appears to reflect a shear or fault zone. The rock exposures to the west of the creek are sheared and slightly altered or broken.

The conductor has the characteristics of being due to graphite in or near a contact zone.

Economic Geology

No deposits of economic minerals have been found on the BIG APPLE mineral claim. Quartz veins are usually quite narrow and barren. Carbonatization and silicification have been mapped in isolated outcrops but no sulphides of consequence occur with the alteration.

TENTATIVE TABLE OF FORMATIONS

Cenozoic

Pleistocene
-Glacial debris

Paleozoic

Permian
Fergusson Group
1 - Argillites
2 - Cherts
3 - Greenstone
4 - Pyroclastic rocks
4A - Andesitic lava flows
4B - Basaltic lava flows
5 - Schist of basaltic origin

Conclusion

The geological mapping, in itself, did not indicate any zones of economic mineralization. There are anomalous geochemical values and some increases in the strength of the magnetic field in the south western part of the surveyed area. Some detailed soil geochemistry and trenching should be carried out.

GEOCHEMISTRY

General

Soil samples were collected at the stations established for the VLF-EM survey. A total of 325 samples were collected and analysed for gold, silver, copper, and arsenic.

These samples came from the baseline and lines 6S to 21S.

Due to the steep slopes in the south eastern part of the claim area, the sampling was stopped at Steep Creek or at 5+00E whichever came first.

Sampling Procedure

All samples were taken with a shovel from the layer directly below the layer of volcanic ash that blankets the Bridge River area. The samples were placed in Kraft paper envelopes that are specially made for soil samples. They were marked to correspond with the line and station where they were taken.

Analyses

All samples were analysed geochemically for gold, silver, arsenic and copper.

The gold analyses were done by preconcentration by fire assay and finishing with atomic absorption. Some of the samples were collected while the sampler was wearing a wedding band. The results became unreliable and most of them have been excluded from the plotting. Only line 6S and 20S were resampled.

The silver and copper samples were digested in acids and analysed by the atomic absorption method. The arsenic samples required specific digestion, extraction and atomic absorption analysis.

Analyser

All the samples were analysed by:

CHEMEX LABS LTD.
212 Brooksbank Ave.
North Vancouver, B.C.

Soil Geochemistry Results

The soil geochemical survey could not be carried far enough to test the area where the conductive zone was found. The area through station 3+50E on line 17+00 South shows weakly anomalous values in arsenic, copper and silver but not gold. The geology indicates that the area is underlain by volcanics with minor pyrite and a few seams of quartz.

Two anomalous geochemical values of gold occur at 1+50E on line 5S and at 1+50E on line 10S. There are no correlating anomalous values for the other elements nor for the geophysical data.

Conclusion

The work to date has not clearly defined any zone of economic interest. However, there is ample room between the lines and in area of heavy overburden for economic zones to exist. It is recommended that the claim be maintained as long as possible in case neighboring properties indicate a significant zone extending into the BIG APPLE claim.

Respectfully Submitted,

P.S. Friesen P. Eng.
9 December 1985

CERTIFICATE OF QUALIFICATION

This is to certify that:

1) I, Peter S. Friesen reside at 6780 Sumas Prairie Road, Sardis, B.C.

2) I am a graduate of the University of Saskatchewan where I received a degree of Bachelor of Engineering in Geological Science in 1950.

3) I have practiced my profession for 35 years.

4) The information in this report is based upon available government records and personal supervision of the 1985 exploration program.

5) I am a professional engineer registered in the Province of British Columbia.

6) I have no interest directly or indirectly in the Property of Levon Resources Ltd. nor do I expect to receive any.

P.S. Friesen P. Eng.

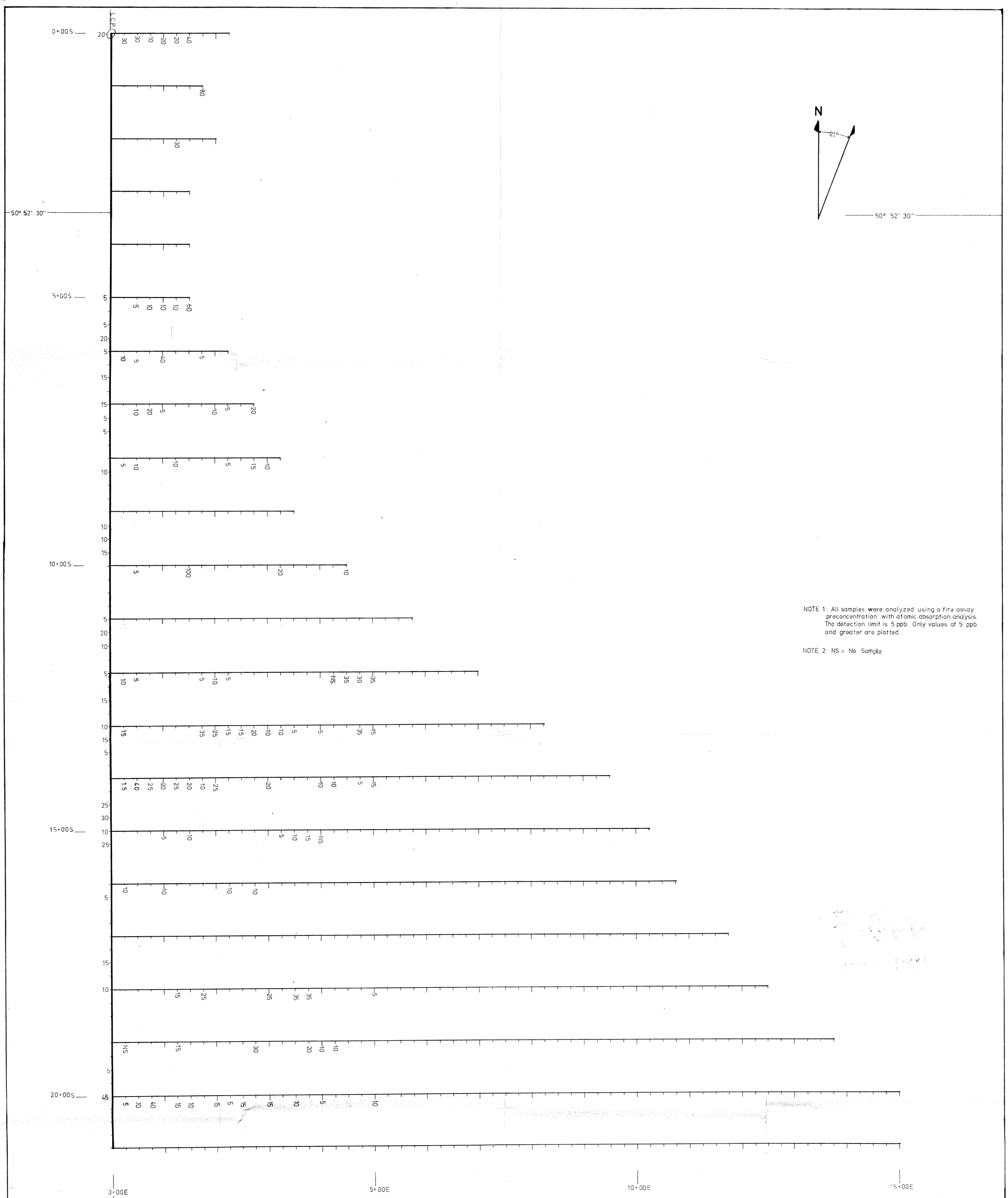
8 Dec 1985

BIG APPLE MINERAL CLAIM
Exploration 1985

STATEMENT OF COST

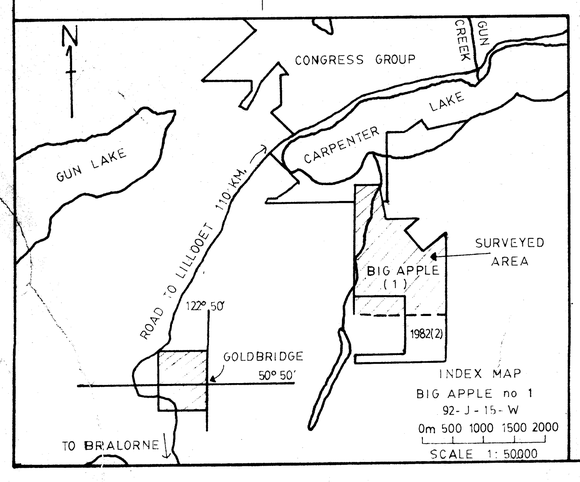
Geological Mapping		2,732.97
Soil Sampling	325 @ 5.00/sample	1,625.00
Assaying	313 @ 13.35/sample 12 @ 14.65/sample	4,354.35
Engineering & Supervision		4,000.00
Field Expenses		781.19
Mag. Survey		669.37
		14,162.88
	+	1,416.29
		15,579.17

8 Dec 1985



NOTE 1: All samples were analyzed using a fire assay preconcentration with atomic absorption analysis. The detection limit is 5 ppb. Only values of 5 ppb and greater are plotted.

NOTE 2: NS = No Sample



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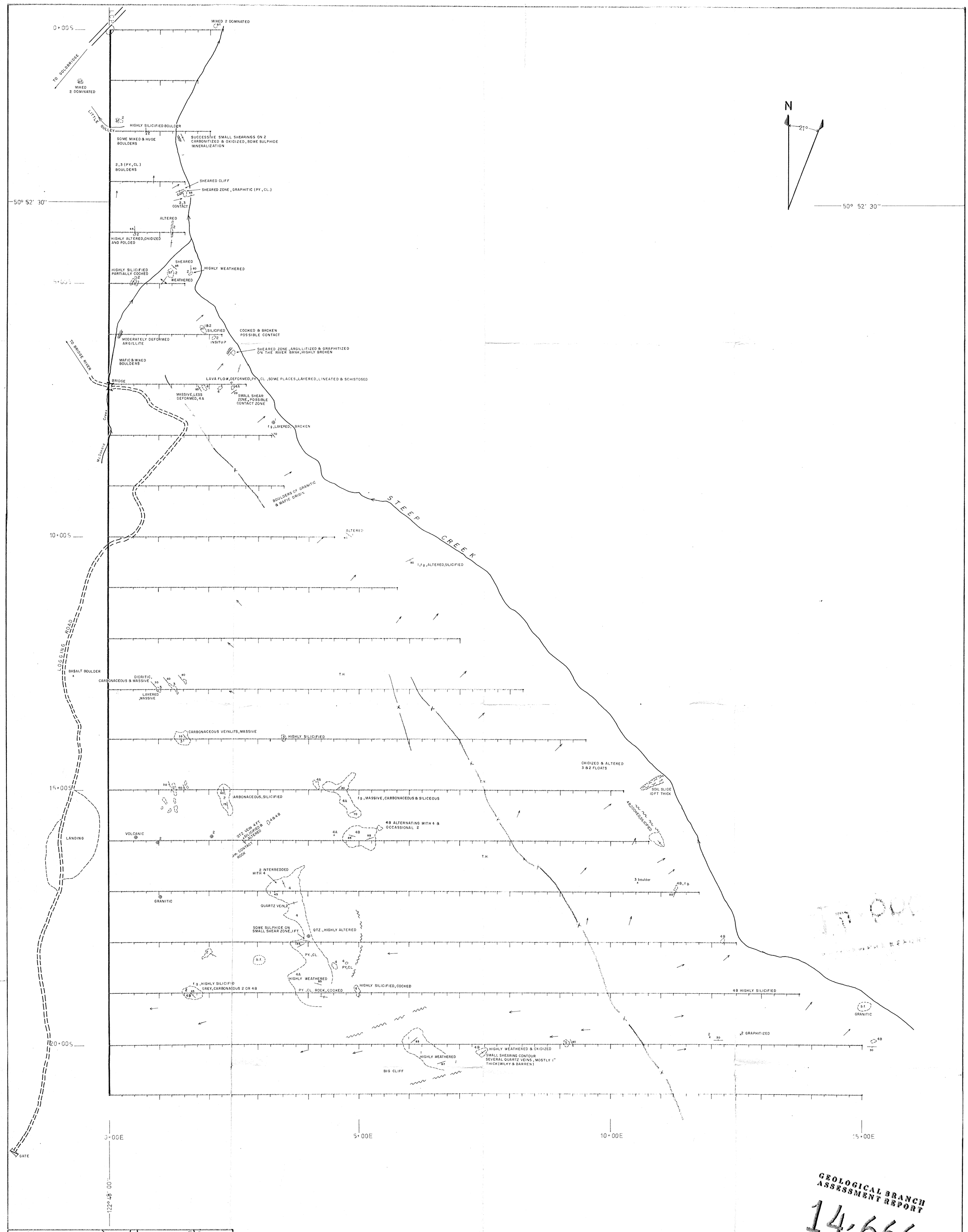
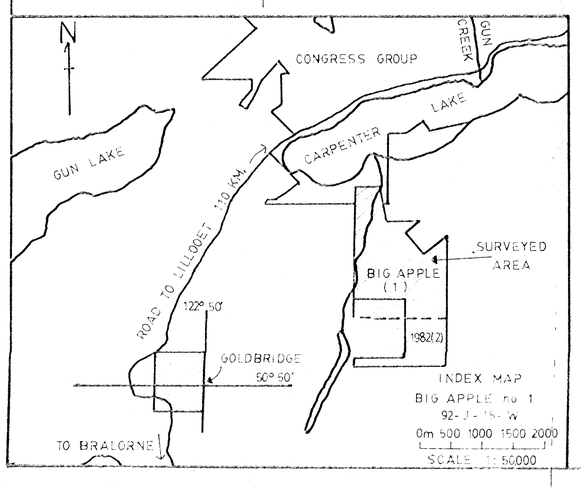
LEVON RESOURCES LTD.		
SOIL GEOCHEMISTRY GOLD in P.P.B.		
N.T.S. 92-J-15W	CLAIMS BIG APPLE 1982(2)	MINING DIVISION LILLOOET
LOCATION GOLDBRIDGE B.C.		PERIOD OF SURVEY JUNE 1985
100m 0 200m SCALE - 1:2500		
P.S.FRIESEN, CONSULTING GEOLOGICAL ENGINEER		





LEGEND

1	ARGILLITE	b.f.	BOULDER FIELD
2	CHERT	↗	SLOPE DIRECTION
3	GREENSTONE	x	SAMPLED SITE
4	PYROCLASTIC ROCKS	CL	CHLORITE
4A	ANDESITIC LAVA FLOW	PY	PYRITE
4B	BASALTIC LAVA FLOW	⊕	FLOAT
5	SCHIST OF BASALTIC ORIGIN		CONDUCTOR (VLF-EM)
T.H.	TOPOGRAPHIC HIGH		
	BEDDING, STRIKE & DIP		
	FAULT ZONE		
	SHEARED ZONE		
	OUTCROP		

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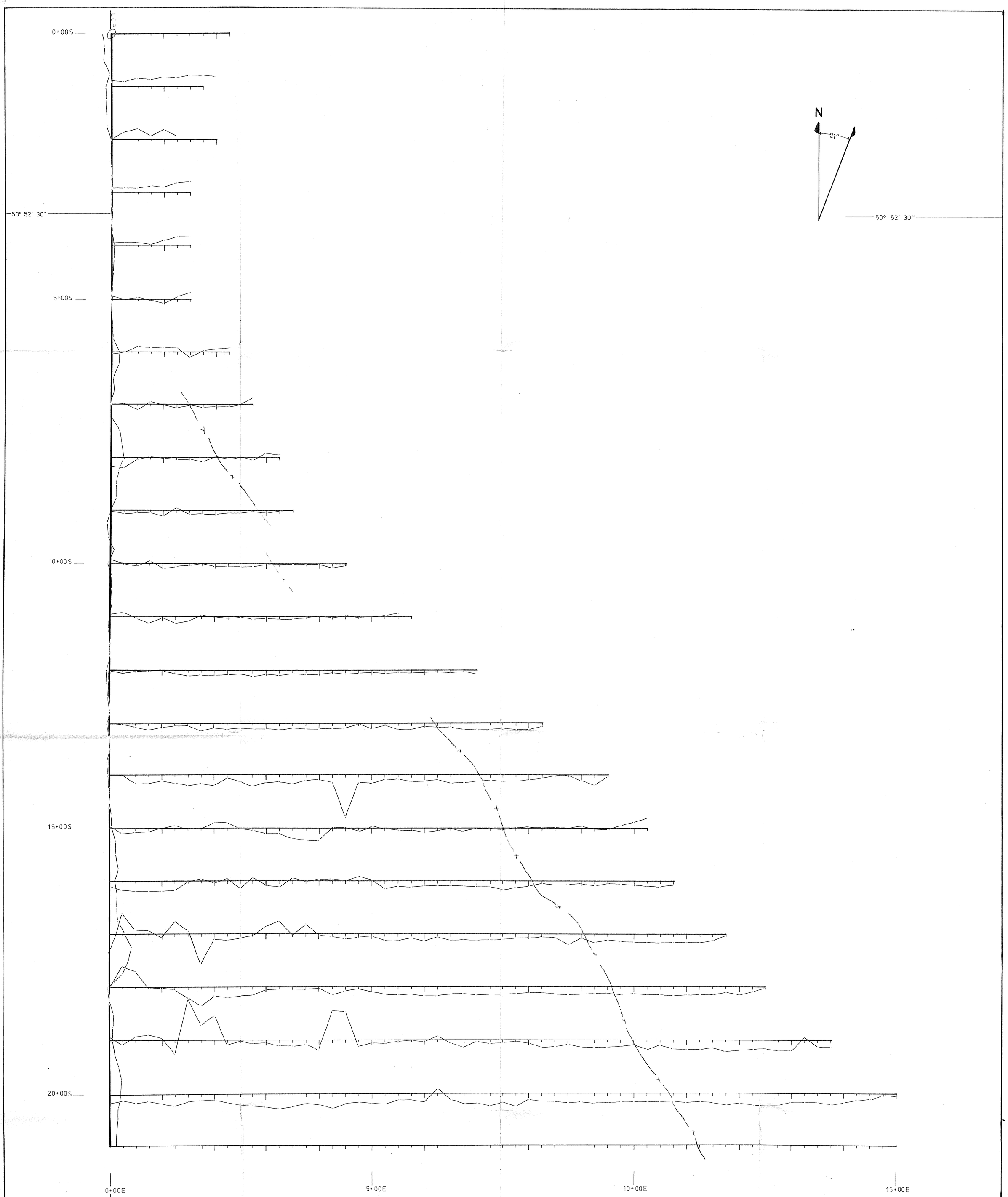
LEVON RESOURCES LTD.

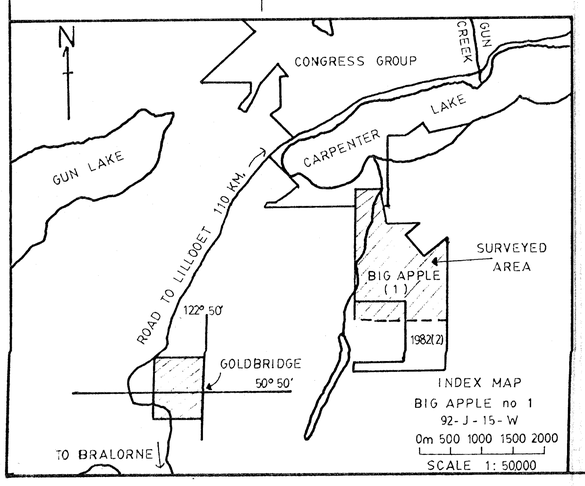
GEOLOGY MAP

N.T.S.	CLAIMS	MINING DIVISION
92-J-15W	BIG APPLE 1982(2)	LILLOOET
LOCATION		PERIOD OF SURVEY
GOLDBRIDGE B.C.		JUNE 1985

100 m 0 200 m
SCALE - 1:2500

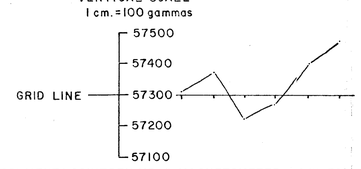
P.S. FRIESEN, CONSULTING GEOLOGICAL ENGINEER





X VLF-EM Conductor

VERTICAL SCALE
1 cm. = 100 gammas



INSTRUMENT: SCINTREX MP-2 MAGNETOMETER (S/N-702238)

Survey by: Bill Chase & Associates

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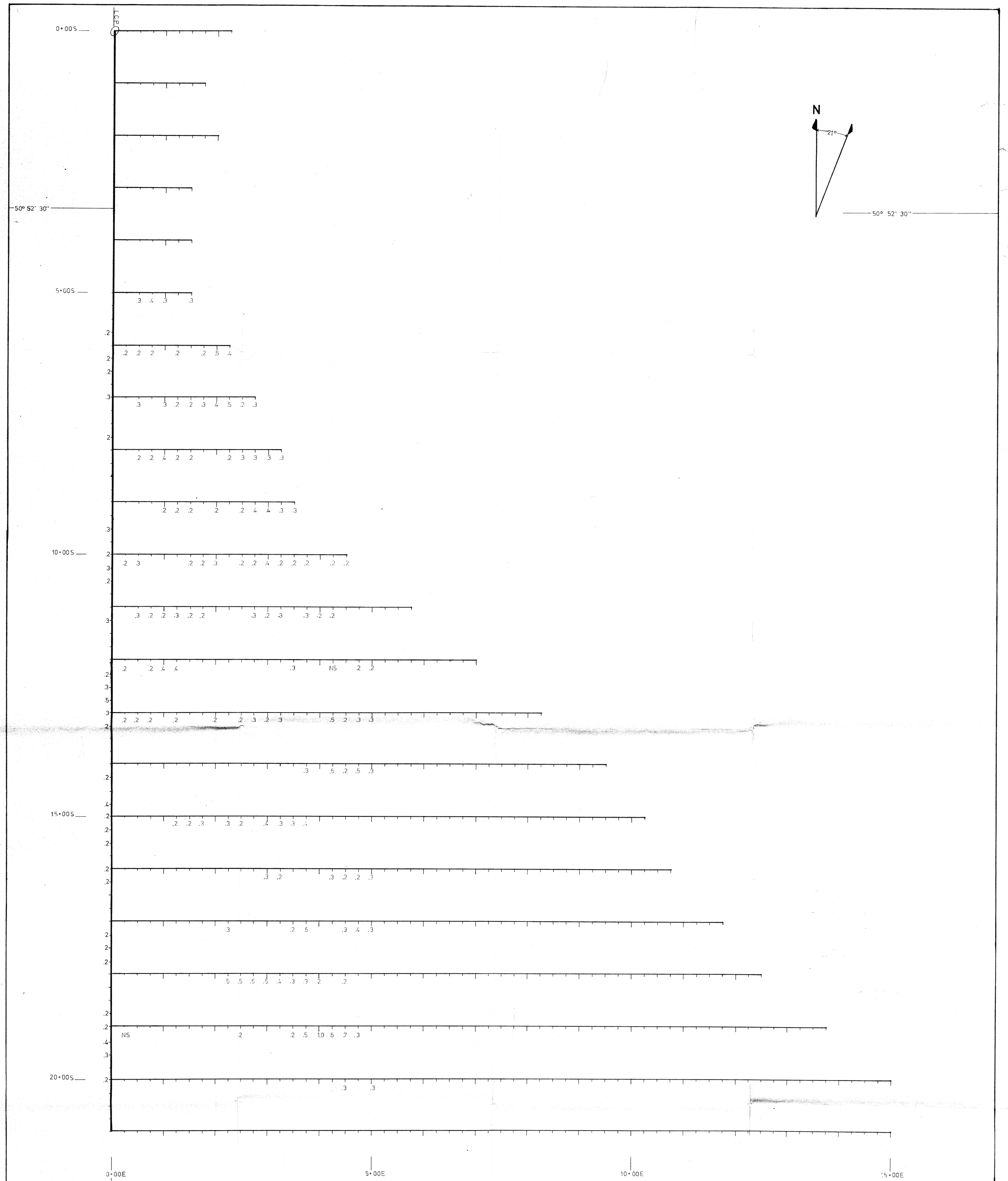
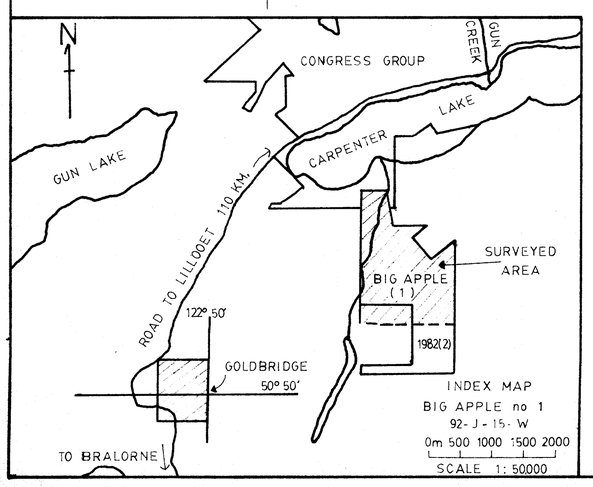
LEVON RESOURCES LTD.		
TOTAL FIELD PRECESSION MAGNETOMETER SURVEY PROFILES (FACING WEST)		
N.T.S. 92-J-15W	CLAIMS BIG APPLE 1982(2)	MINING DIVISION LILLOOET
LOCATION GOLDBRIDGE B.C.		PERIOD OF SURVEY JUNE 1985
100 m 0 200 m SCALE - 1:2500		
P.S.FRIESEN, CONSULTING GEOLOGICAL ENGINEER		





Note 1: All samples were analysed by atomic absorption method, with a detection limit of 0.1 ppm.

Note 2: NS = No Sample

Note 3: Soil sampling was conducted for 500 meters east, with all unrecorded values equalling 0.1.

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SOIL GEOCHEMISTRY

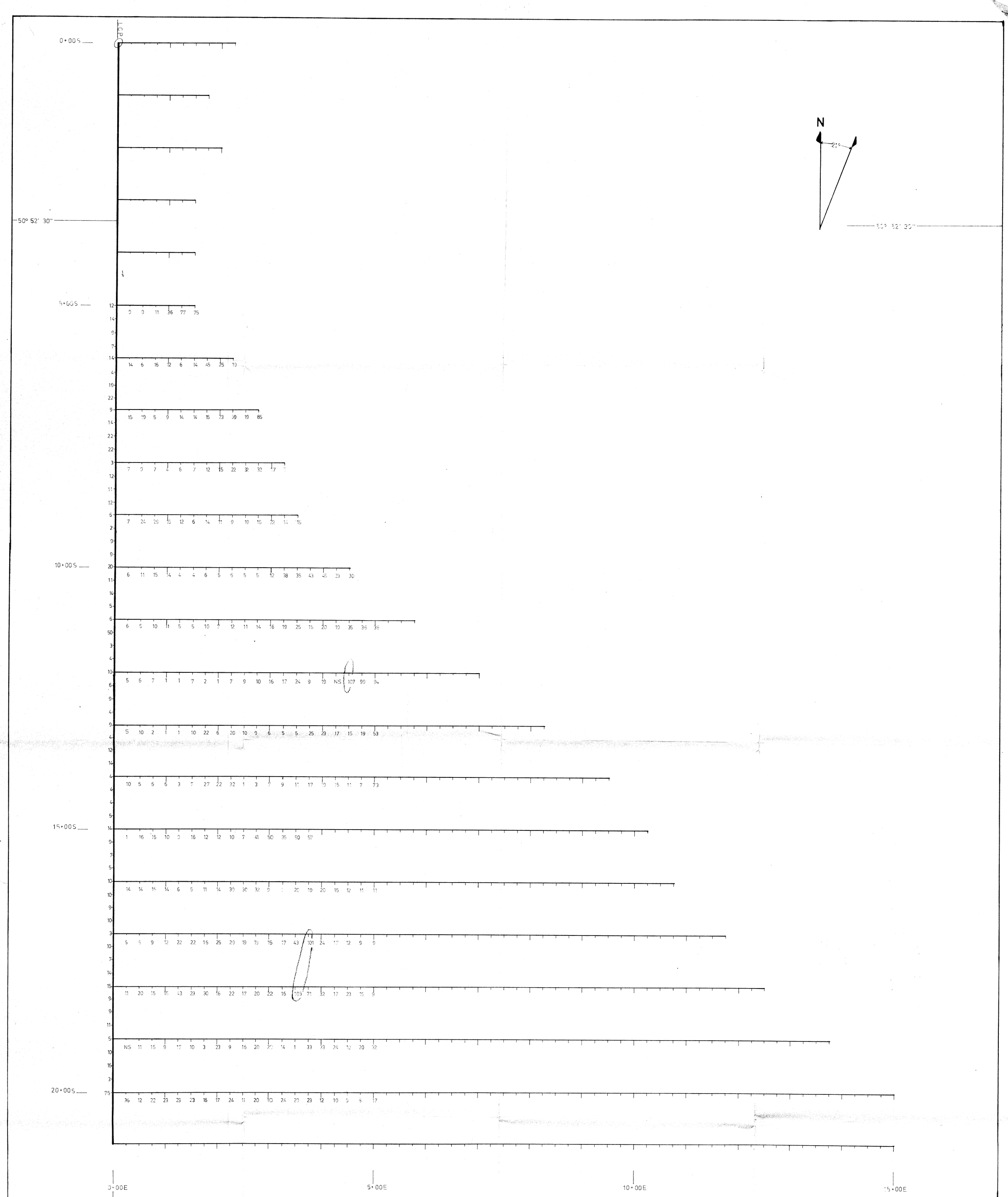
SILVER in P.P.M.

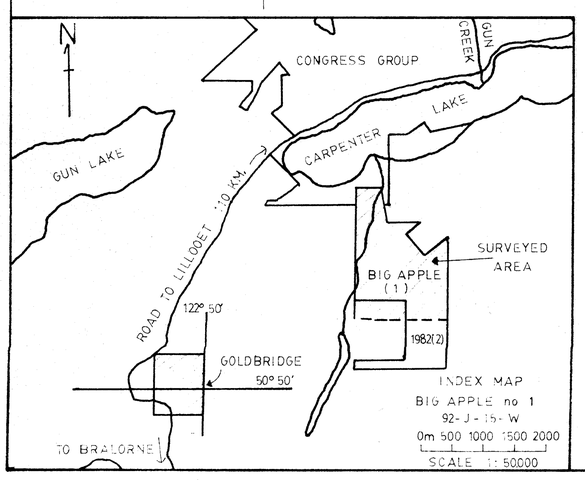
N.T.S.	CLAIMS	MINING DIVISION
92-J-15W	BIG APPLE 1982(2)	LILLOOET
LOCATION		PERIOD OF SURVEY
GOLDBRIDGE B.C.		JUNE 1985

100 m 0 200 m

SCALE - 1:2500

P.S.FRIESEN, CONSULTING GEOLOGICAL ENGINEER





NOTE 1: All samples required specific digestion, extraction and atomic absorption analysis. Detection limit is 1 ppm.

NOTE 2: NS= No Sample

NOTE 3: Lines 0 through 3 were sampled in AUG 1982 by G. Polischuk.

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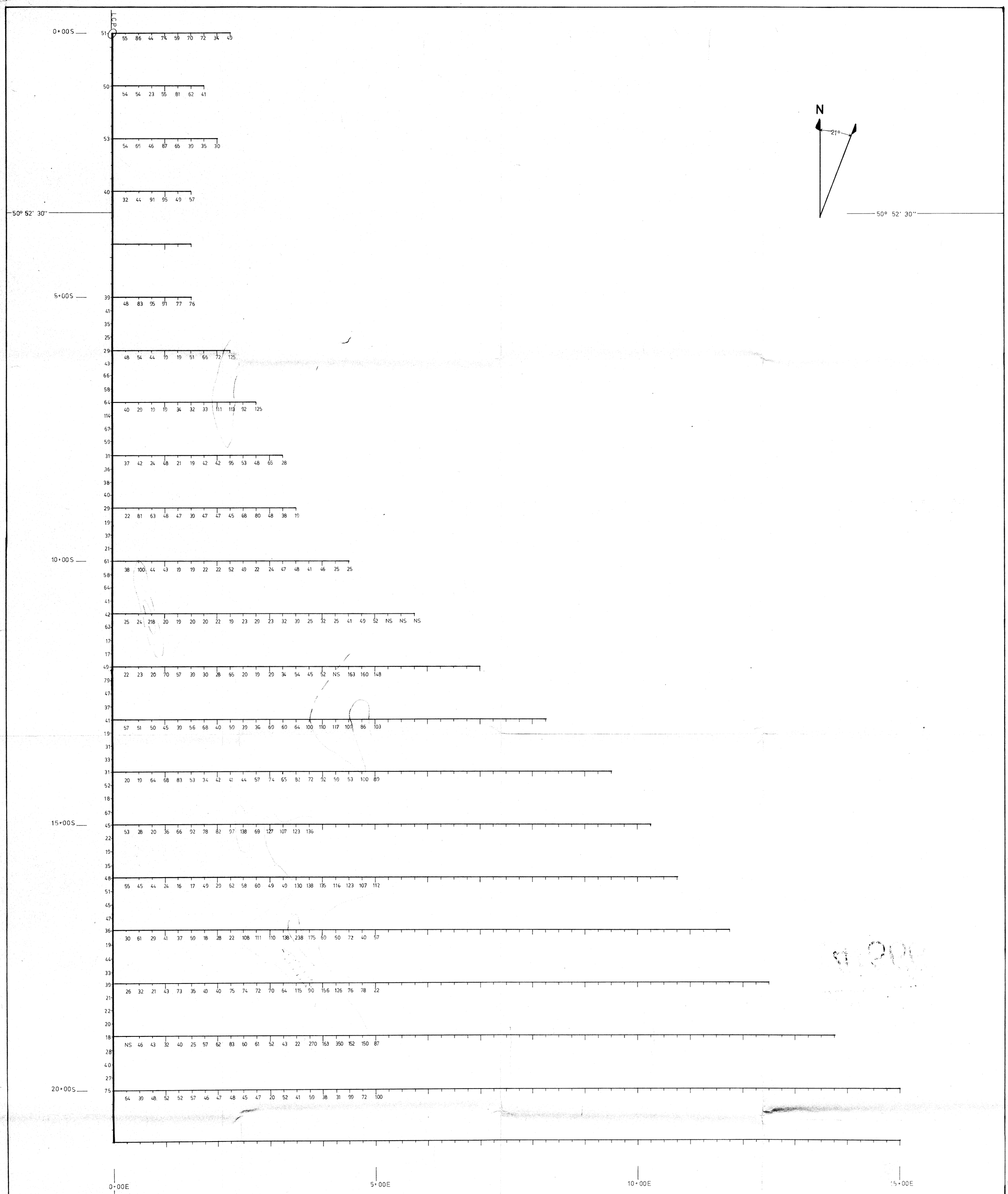
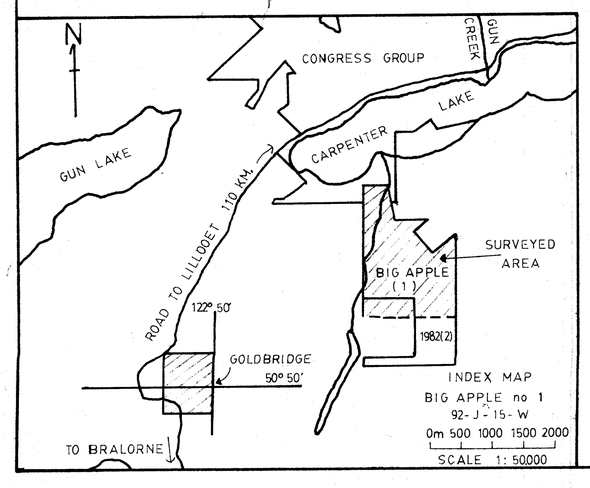
LEVON RESOURCES LTD.		
SOIL GEOCHEMISTRY ARSENIC in P.P.M.		
N.T.S. 92-J-15W	CLAIMS BIG APPLE 1982(2)	MINING DIVISION LILLOOET
LOCATION GOLDBRIDGE B.C.		PERIOD OF SURVEY JUNE 1985
100 m 0 200 m SCALE - 1:2500		
P.S.FRIESEN, CONSULTING GEOLOGICAL ENGINEER		





Note 1: All samples were analysed by atomic absorption method, with a detection limit of 2 ppm.

Note 2: NS = No Sample

Note 3: Lines 0 through 3 were sampled in AUG 1982 by G. Polischuk.

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LEVON RESOURCES LTD.		
SOIL GEOCHEMISTRY COPPER in P.P.M.		
N.T.S. 92-J-15W	CLAIMS BIG APPLE 1982(2)	MINING DIVISION LILLOOET
LOCATION GOLDBRIDGE B.C.		PERIOD OF SURVEY JUNE 1985
100 m 0 200 m SCALE - 1:2500		
P.S.FRIESEN, CONSULTING GEOLOGICAL ENGINEER		