85-1114-14410

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

11/86

REPORT OF WORK

ON THE

GOLDFINGER, GOLDFLAKE, GOLDPAN, LODE II, LODE III

MN-2 & MN-3 MINERAL CLAIMS

N.T.S. 82M/3W, 4E

51° 05' Latitude 119° 32' Longitude

KAMLOOPS MINING DIVISION

Owned & Operated By: Noranda Exploration Company, Limited
(no personal liability)

Authors : Les Demczuk, Geologist
L. Bradish, Division Geophysicist
Vancouver, B.C.

Date : December, 1985

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1.0 INTRODUCTION

The Goldfinger, Goldflake, Goldpan, Lode II, Lode III, Mn-2 and Mn-3 mineral claims are part of the Pisima Claim Group which is owned and operated by Noranda Exploration Company, Limited.

During the 1985 field season geological mapping, geochemical soil and silt sampling, magnetometer survey and Horizontal Loop E.M. (HLEM) were conducted on the property.

2.0 LOCATION AND ACCESS

The claims which are located on Adams Plateau are centered at Latitude 51°06'N and Longitude 119°31'W. The plateau is flanked by Adams Lake to the northwest and Shuswap Lake to the south (Figure 1).

The claims are accessible by a paved secondary road that leaves the Trans Canada Highway at Squilax and a good gravel logging road at Scotch Creek. The secondary logging road that directly accesses the property leaves Scotch Creek Road at the 26.5 kilometer mark

3.0 TOPOGRAPHY

Most of the claim group is situated on level to gently sloping terrain between elevations of 1,500 meters and 1,750 meters. A minor portion of the claim group is situated on very steeply sloping terrain.

N

PISIMA CLAIM GROUP

FOREST

Pisima Mountain

Pisima Lake

Pisima Creek

Tp 25 R 11

Gilfrid Lake

L 5438

L 5439

Abandoned

A M S P L A T E A U

ADAMS PLATEAU

SHUSWAP PROVINCIAL

Sparkle Creek

Grand Cache

FRASER RIVER

Hinton

Jasper

Mount Robson Prov. Park

Bowron Lake Prov. Park

McBride

Wells

Likely

Wells Gray Provincial Park

North Thompson River

Hamber Prov. Park

Columbia

Mount Revelstoke Park

Glacier

Chu Chua

PISIMA CLAIM GROUP

CLINTON

KAMLOOPS

REVELSTOKE

Salmon Arm

Ashcroft

Logan Lake

VERNON

MERRITT

Kelowna

PENTICTON

PRINCETON

Hope

Keremeos

Oliver

Yiwack

Abbotsford

Manning Prov. Park

SCALE 1:3,168,000

N

REVISED	O BRIEN J.V.
	LOCATION MAP PISIMA CLAIM GROUP
PROJ. No. 410	SURVEY BY: DATE: DEC. 1985
N.T.S. 82M/4	DRAWN BY: J. Serwin SCALE: 1:50,000
DWG. No. 1	NORANDA EXPLORATION OFFICE: VANCOUVER

VANCAL 11925

P.J.A.

4.0 CLAIM STATUS

The Goldfinger, Goldflake, Goldpan, Lode II, Lode III, Mn-2 and MN-3 mineral claims are part of the Pisima Claim Group. The recorded owner and operator is Noranda Exploration Company, Limited (no personal liability), 1050 Davie Street, Vancouver, B.C. and the beneficial owners are Cecil Kane and John Spelay of Salmon Arm, B.C.

CLAIM NAME	RECORD NO.	UNITS	EXPIRY DATE
GOLDFINGER	004853	14	October 17, 1987
GOLDFLAKE	005146	14	November 28, 1987
GOLDPAN	004852	16	October 17, 1987
LODE II	004854	12	October 17, 1987
LODE III	005147	16	November 28, 1987
MN-2	005955	6	November 7, 1987
MN-3	005956	8	November 7, 1987

5.0 GEOLOGY

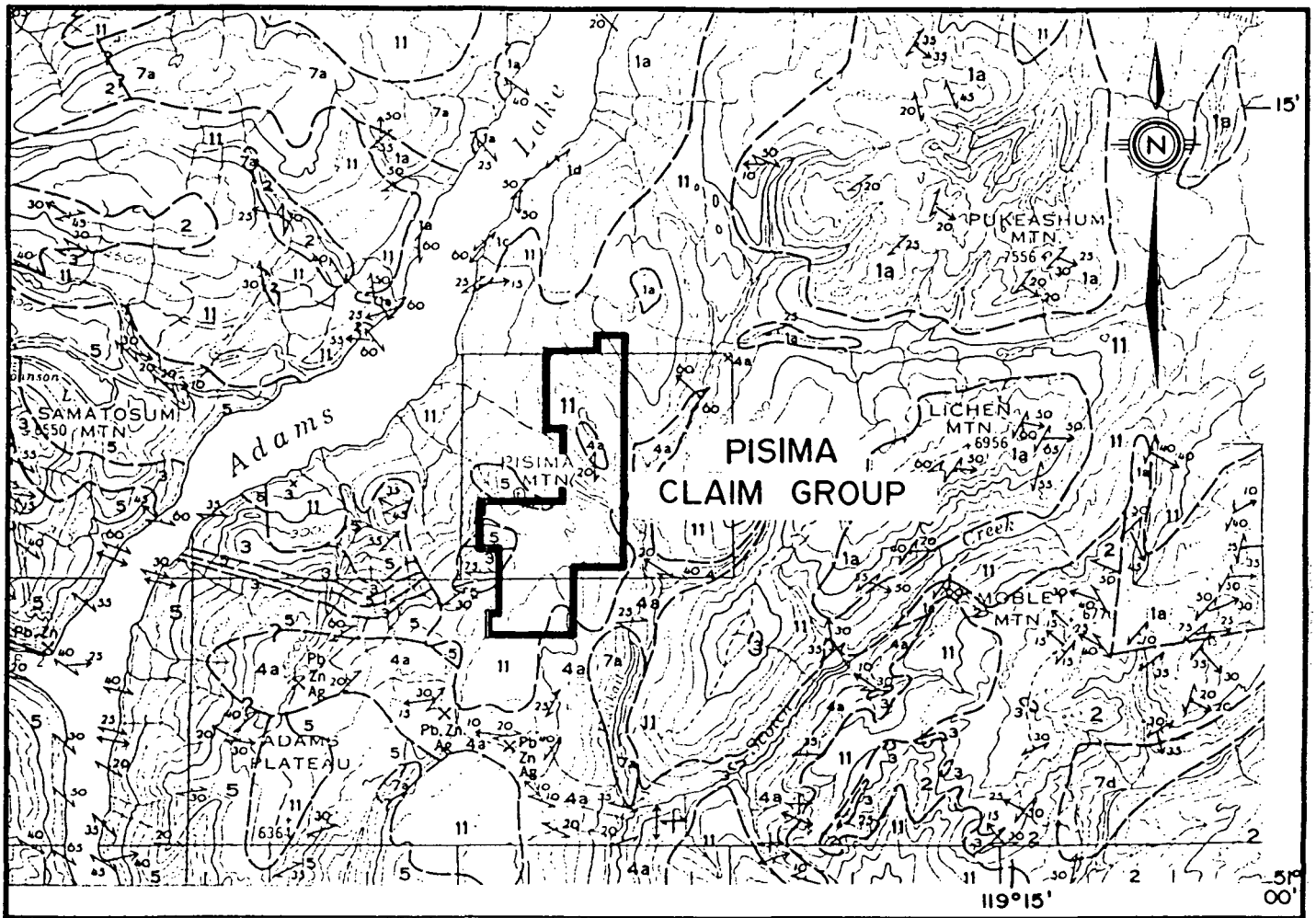
5.1 Regional Geology

The Adams Plateau region is dominantly underlain by the Eagle Bay Formation, which is a weakly to moderately metamorphosed package of sedimentary and volcanic rocks that are Late Devonian to Early Mississippian age.

The Eagle Bay Formation is in metamorphic and intrusive contact with Shuswap Metamorphic Complex to the east, and in gradational contact with the Late Devonian Fennell Formation to the west. Both of these major formations have been intruded by granodiorite orthogneiss to biotite quartz monzonite ranging in age from Late Devonian to Cretaceous and locally overlain by olivine basalt flows of Pleistocene to recent age.

The Eagle Bay Formation has a regional northwest/north, northwest strike and is comprised primarily of acid to basic volcanics intercalated with argillaceous sedimentary rocks, quartzites and carbonates.

Structural features of the region include at least two main periods of folding and faulting (Preto et al 1979). The early recognizable folds are generally tight isoclinal mesoscopic structures with recumbent axial planes which are parallel to the schistosity and to the compositional layering of the various rock units. These structures usually have gently to moderate plunges and trend anywhere from northwesterly to northeasterly. A later phase of



LEGEND

PLEISTOCENE AND RECENT

- 11 — Glacial Deposit and Recent Alluvium

PLEISTOCENE AND/OR EARLIER

- 10 — Olivine Basalt

TERTIARY – MIOCEN OR PLIOCENE

- 9 — Flat-lying Olivine Basalt Flows

TERTIARY (?)

- 8 — Conglomerate

JURASSIC AND / OR CRETACEOUS AND (?) EARLIER

- 7 — 7a – Biotite Granodiorite and Granite; 7b – Hornblende Diorite; 7c – Muscovite Granite; 7d – Biotite-Hornblende Syenite, Biotite
- 6 — Serpentinite

PERMIAN OR EARLIER

- 5 — Greenstone, Greenschist, Chlorite Schist, Phyllite, Limestone, Quartz-Sericite Schist, Quartzite, Volcanic Agglomerate
- 4 — 4a – Dark Grey and Brown Phyllite, Limestone; 4b – Trachytic Tuff and Breccia
- 3 — Marble and Limestone; Minor Greenstone and Phyllite
- 2 — Undivided; Includes Rock Types Common to 4a and 5; Minor Quartz – Mica Schist and Amphibolite

AGE UNCERTAIN

- 1 — Shuswap Metamorphic Complex: 1a – Granitic Gneiss; Quartz – Feldspar – Biotite Gneiss, Quartz-Feldspar – Hornblende – Gneiss; 1b – Granodiorite; 1c – Amphibolite, Quartzite, Marble and Skarn; 1d – Similar to Unit 1c – Dykes and Sills of Pegmatite, Muskowite Granite, and Biotite Granodiorite

Geological Boundary (defined, approximate and assumed)

Foliation Including Rock Cleavage

Lineation Including Fold Axes

Ag × Mineral Prospect

SCALE 1: 253,440

6 0 6 12 Km.

REVISED	ADAMS PLATEAU–PISIMA CLAIMS
	REGIONAL GEOLOGY
PROJ. No. 410	SURVEY BY: _____ DATE: JAN. 1986
N.T.S. 82MW	DRAWN BY: J. Serwin SCALE: 1:253,440
DWG. No.	NORANDA EXPLORATION
	OFFICE: VANCOUVER

NCI-774

folds clearly warps the schistosity and has axes parallel to a pronounced and widespread crenulation lineation. Fold axes have gentle easterly and westerly plunges along Adams Lake and moderate northerly to northwesterly plunges elsewhere. (Figure #2).

There are numerous base-metal occurrences known in the region, many of which clearly are stratabound massive sulphide deposits syngenetic with their host rocks. Polymetallic deposits including precious metal values are abundant in the Birk Creek - North Barriere Lake - Sinmax Creek, Adams Plateau, and Johson Lake (Rea Gold - October, 1983) areas.

5.2 Property Geology

The general geology of the Pisima claim group consists of sedimentary and volcanic formations.

The northwest part of the property is highly metamorphosed and covered by bedded metamorphic rock, mainly sericite-quartz schist with graphite layers. This formation is divided by narrow bands of dacite, quartzite and pure graphite. These bedded metamorphic rocks strike in general northwest and dip 40^{o}-60^{o} to the northeast. The pyrite, pyrrhotite and a little chalcopyrite mineralization occurs in quartzite and dacite.

The middle north of the property consists of the andesitic flows, which gradually change to andesitic tuff. The pyrite, magnetite and pyrrhotite mineralization occurs between the andesite and andesitic tuff contact.

The central part of the property is very well exposed by logging roads, and it is underlain by a thick andesitic flow. To the north it becomes a andesitic tuff and is in contact with a wide band of "dirty" limestone.

There are at least two narrow bands of the limestone to the south which are preceeded by a well mineralized, metamorphosed andesitic schist (minor pyrite, pyrrhotite, magnetite and occasionally chalcopyrite).

Unfortunately, most of the property is covered by thick bush, swamps (south) and therefore has little exposure (except the central part).

Limestone causes magnetic lows and thus the resulting limestone contact has been established in part through the interpretation of the geophysical data.

6.0 SOIL, SILT AND ROCK GEOCHEMISTRY

6.1 Geochemistry Introduction

A geochemical survey was conducted on the Pisima, Far and North grids. 568 soils, 19 silts and 10 rock samples were taken.

All samples were analyzed for parts per million (ppm) copper, lead, molybdenum, silver, zinc, arsenic, and parts per billion (ppb) gold at the Noranda Exploration Company, Limited (no personal liability) laboratory situated at 1050 Davie Street, Vancouver, B.C.

6.2 Soil, Silt and Rock Sampling Methods

Soil samples, taken at 25 meter intervals along crosslines, were obtained by digging holes with a shovel to a depth of 15 to 30 cm. Wherever possible, B-horizons were sampled and placed in "Hi Wet Strength Kraft 3 1/2" x 6 1/8" Open End" envelopes. Grid co-ordinates were marked on the envelopes with a permanent ink felt marker.

Silt samples were taken by hand from the fine stream sediment fraction and placed in "Hi Wet Strength Kraft 3 1/2" x 6 7/8" Open End" envelopes. The tag number was placed into the envelope and the sample number was marked on the outside with a permanent ink felt marker. Sample spacing was 100 m and was measured by hip-chain.

Rock grab samples were taken from the most interesting mineralized outcrops and placed in plastic "Open End" envelopes. Sample numbers were marked on the envelopes and tag numbers were placed inside.

6.3 Laboratory Analytical Methods

6.3.1 Preparation

The soil and silt samples were dried at approximately 80°C and then sieved with a -80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is then used for geochemical analysis.

6.3.2 Analysis

Ag, Cu, Pb, Zn and Mo: 0.200 grams of -80 mesh material is digested in concentrated perchloric acid and nitric acid (3:1) at reflux temperature for 5.0 hours. A Varian-Techtron Model AA-5 or AA-475 Atomic Absorption Spectrophotometer is then used to determine the parts per million (ppm) silver, copper, lead, zinc and molybdenum in each sample.

Au: 10.0 grams of -80 mesh material is digested with aqua regia (one part nitric acid and 3 parts hydrochloric acid). The resulting solution is subjected to MIBK (Methylisobutyl Ketone) extraction, which extract is analyzed for parts per billion (ppb) gold using an AA-475 Atomic Absorption Spectrophotometer.

6.4 Control

The Pisima Grid consists of 1.0 km of cut baseline which trends at azimuth 90°, and 4.9 kilometers of flagged crosslines. Crosslines are spaced 200 m apart with stations every 25 m (Map 4).

The Far Grid was constructed on the northeast part of the property. It consists of 1.2 km of cut baseline trending 146° and 4.6 kilometers of flagged crosslines spaced 200 m apart with stations every 25 m (Map 3).

During the 1985 field season the North grid was extended 200 m to the west and now consists of 1.6 km of cut baseline, which trends at azimuth 146°, and 15.4 km of flagged crosslines spaced 200 m apart with stations every 25 m (Map 3). Detailed crosslines were established from station L.94+00E, 227+75N

and L.94+00E, 231+00N at azimuths 88° and 133° for 50 and 25 m respectively. The sample interval was 5 meters and it attempted to define further gold-in-soil values (Map 17).

6.5 Presentation of Results

The rock, soil and silt geochemistry results are presented in Appendix I as well as plotted on Maps 1 to 3, 5 to 9, 12 to 14 and 17 to 21 at a scale of 1:500 and 1:5,000.

6.6 Discussion of Geochemical Results

Pisima Grid

The following table shows the threshold/anomalous values for the various elements that were analyzed:

Element	Threshold(ppm)	Anomalous(ppm)	Very Anomalous(ppm)
Zn	200-400 ppm	401-600 ppm	>600 ppm
Pb	25- 50 ppm	50-100 ppm	>100 ppm
Cu	100 ppm	---	---
Ag	1.0-2.0 ppm	---	---

The occurrence of copper and gold is found to be insignificant as values range from 14 ppm to 160 ppm Cu with an average of 29 ppm, and 10 ppb Au.

The geochemical soil survey has defined a weak lead/zinc anomaly which primarily occurs in the south portion of the grid. Although the lead anomaly is more extensive, there exists a strong correlation between the two elements.

The highest lead value of 120 ppm occurs on L.70+00E, 207+25N on threshold zones 25 m to 50 m wide, with two separate anomalous values which extend 800 m to the west. A single anomalous lead zone approximately 100 m long and 50 m wide occurs on L.72+00E from 211+00N to 212+25N with a highest value of 110 ppm.

The values of zinc range from 42 ppm to 680 ppm. The highest zinc value of 680 ppm occurs on L.62+00E, 207+25N, and a threshold zone approximately 25 m wide for 600 m to the northeast.

There is only one silver threshold zone on L.68+00E from 208+25N to 209+00N with the highest value being 2.0 ppm.

SUMMARY STATISTICS

	Cu/1A	Zn/1A	Pb/1A	Ag/1A	Au/1E
Number of Analysis	198	198	198	198	198
Lowest Value	10	30	1	.2	10
Highest Value	160	680	120	2.0	60
Mean (LOG)	24.8	77.9	6.7	.26	10.1
Stand "Dev" (LOG)	.212	.218	.503	.208	.055
Mean (ARITH)	28.6	90.6	12.8	.30	10.3
Stand "Dev" (ARITH)	79.58	66.65	17.92	.248	3.55

Far Grid

The following table shows the values used for discriminating anomalous areas from background.

Element	Threshold	Anomalous	Very Anomalous
Pb (ppm)	24 - 31	31 - 38	>38
Zn (ppm)	170 - 200	200 - 240	>240
Cu (ppm)	80 - 110	110 - 140	>140
Ag (ppm)	0.50-0.65	0.65-0.75	>0.75
Au (ppb)	17 - 20	20 - 25	>25

The values of lead, molybdenum, arsenic, silver and gold are generally very low, and mostly below the threshold values.

The zinc values are considered low as they range from 18 ppm to 200 ppm. They occur as isolated threshold zones without any lateral continuity.

The copper values range from 6 ppm to 210 ppm. These are low values and the anomalies are restricted to four stations on L.10400E, 34925N to 35000N.

The following table shows the summary statistics.

	Cu/1A	Zn/1A	Pb/1A	Ag/1A	Au/1E
Number of Analysis	200	200	200	200	200
Lowest Value	6	18	1	.2	10
Highest Value	210	200	64	1.2	60
Mean (LOG)	24.7	87.1	9.6	.24	10.1
Stand Dev. (LOG)	.272	.178	.233	.148	.055
Mean (ARITH)	30.8	94.3	11.0	.26	10.3
Stand Dev. (ARITH)	26.11	37.15	6.49	.123	3.54

To summarize, the soil geochemical results are not encouraging as values are low.

North Grid

During the 1984 field season soil sampling had been done on Lines 94+00E, 96+00E, 98+00E and 100+00E.

In 1985 the soil sampling programme was concentrated on the most interesting geophysical anomalies on Lines 102+00E from station 2330N to 23700N, 104+00E from station 23000N to 24100N and 106+00E from station 23000N to 23400N. Line 92+00E was established and soil sampled from station 227+00N to 243+00N in an attempt to close off any geochemical/geophysical anomalies.

The following table shows the values used for discriminating anomalous areas from background. The values were obtained by taking into account a statistical analysis along with the geochemical properties of the individual elements.

Element	Threshold (ppm)	Anomalous (ppm)	Very Anomalous (ppm)
Zn	150-190	190-225	> 225
Pb	30- 60	60-120	> 120
Cu	55- 70	70- 85	> 85
Ag	0.5-0.65	0.65-0.80	> 0.8

The occurrence of arsenic, molybdenum and gold are found to be insignificant, and warrant no further discussion.

Copper does show sporadic threshold and anomalous values in the west and northwest part of the grid, but are unrelated to other soil anomalies.

Three silver anomalous values (0.8 ppm) exist and have a weak correlation with lead.

The geochemical soil survey has defined coincident lead/zinc anomalies which primarily occur in the southwestern portion of the grid. Although the zinc anomalies are more extensive, there exists a strong correlation between the two elements.

Threshold and anomalous zones trend northwest/southeast and are 25-50 m wide and may have a lateral extent of up to 600 m. Some are open to the west.

The values of lead range from 1 ppm to 620 ppm with an average of 12 ppm, zinc from 20 ppm, to 210 ppm with an average of 87 ppm. The three best coincident anomalies are as follows:

Line	Station	Pb (ppm)	Zn (ppm)
94+00E	227+75N	620	200
94+00E	231+00N	570	180
94+30E	227+45N	230	200

Rocks

There were 10 grab rock samples taken from the best mineralized outcrops on the Pisima claims group which are described with assay values in the Rock Sample Report (Appendix II). Locations are plotted on the Geology Maps (Map 1, Map 2).

All rock samples were mineralized with up to 30% pyrite, pyrrhotite and magnetite. Some included traces of sphalerite, chalcopyrite and galena.

They were analyzed for parts per million (ppm) copper, zinc, lead, silver, arsenic, molybdenum and parts per billion (ppb) gold.

The resulting analyses showed uneconomic base metal values with little or no precious metal content.

7.0 GEOPHYSICAL SURVEY

7.1 Instrumentation

7.1.1 Horizontal Loop EM Survey

The SE-88 unit differs from the normal HLEM systems such as the MaxMin 11 above in that it measures without regard to phase, the ratio of signal amplitude between two frequencies which are transmitted and received simultaneously. A low frequency of 112 Hz is used as a reference frequency. The signal difference is integrated or averaged over a period of time in order to improve the signal to noise ratio.

The survey parameters employed on the follow-up programme are as follows:

Coil separation	: 100 meters
Frequencies	: 3037, 1012, 337 Hz
Reference frequency	: 112 Hz
Integration period	: 16 or 8 seconds
Reading interval	: 25 meters
Measurement	: ratio of amplitude between reference and signal frequencies (%).

7.1.2 MP-3 Magnetometer Survey

Magnetometers manufactured by Gem Systems of Toronto, Ontario were employed for these surveys. The MP-3 Total Field Magnetometer System consists of one or more field units and a base station. Diurnal and day to day variations are automatically corrected at the end of the survey by the built in microprocessor giving the data a usable accuracy of 1 gamma.

7.2 Discussion of Geophysical Results

Far Grid

The SE-88 survey defined five zones of conductivity. The high conductivity (5 to 16 Siemens) features are indicated on the E.M. map as solid lines with the width as indicated. Three additional zones of weak conductivity and probably bedrock in origin are indicated by a dashed line (Map 10). The definition and location of these weaker conductors is poor due to the low conductivity and low resistivity host.

A weak magnetic anomaly is associated with the short conductor at L.1000E/3527.5N and also the southernmost conductor on Lines 10400E, 10200E and 1000E (Map 11). The magnetic association with moderately high conductivity make these targets attractive.

The magnetic survey is contoured at 100 nT intervals on a datum of 57,000 nT. The contouring has employed smoothed data (3 to 9 point Hanning filters) thus some of the magnetic highs and lows may be suppressed to a small degree. Overall the magnetic amplitude is small with localized short wavelength dipoles impressed upon the background representing localized increases in susceptibility.

Pisima Grid

The SE-88 survey defined few zones of interest and are as shown on the SE-88 map (Map 15). All responses can be attributed to being caused by contacts between units of different resistivities. One anomaly stands out at L.6800E/20975N - 20850N which is interpreted to be sourced by a horizontal veneer of low resistivity material some 125 meters wide.

The magnetic data is contoured at a 50 nT interval and is riding on a 57,000 nT datum. Narrow zones of anomalous magnetic susceptibility are evident particularly south of the baseline and a small anomaly is centered at L.6800E/20650N and possibly represents an elongated plug source/structure. A small zone is also noted at L.6600E/20350N (Map 16).

8.0 CONCLUSIONS

The E.M. survey, as mentioned above had identified five zones of conductivity on the Far Grid, most of them caused by graphitic units as on the North Grid. Some are associated with magnetic anomalies at L.1000E/35275N, and on the south portion of the grid on lines 10400E and 10000E.

On the Pisima Grid there appears to be a few E.M. conductors, which are

associated with magnetic anomalies on L.6200E/21050N, 6600E/20675N, and 6800E/20975N.

Narrow - approximately 800 m long - lead/zinc anomalies occur in the south portion of the Pisima Grid.

The soil geochemistry results for molybdenum, arsenic and gold are insignificant on all three grids.

Coincident lead/zinc anomalies occur in the southwestern portion of the North Grid. These are narrow, trend northwest/southeast and are open to the northwest. Lateral extensions may range up to 600 meters.

The rock geochemistry results do not represent economic values.

9.0 RECOMMENDATIONS

1. No further work is recommended on Pisima Grid and Far Grid because of low geochem values and no correlation with geophysical anomalies.

2. Extend the North Grid to the west in an attempt to close off the soil anomalies.

3. Trenching on the North Grid to cover the coincident geochem/geophysic anomaly on Line 94+00E from Station 227+00N to 228+50N, 230+50N to 231+50N and Line 96+00E from Station 227+00N to 228+50N.

10.0 BIBLIOGRAPHY

Preto, V.A. (1981): Barriere Lakes - Adams Plateau Area (82M/4,5W; 92P/1E). B.C. Ministry of Energy, Mines & Petroleum Resources, Geological Fieldwork, Fieldwork 1980, Paper 1981-1 pp 15-23.

Preto, V.A., MacLaren, G.P., and Schiarizza, P.A., (1980)

Barriere Lakes - Adams Plateau Area (82M/73E; 82M/4,5W; 92P/1E,8E), B.C. Ministry of Energy, Mines & Petroleum Resources, Geological Fieldwork, 1979, Paper 1980-1, pp 28-36

APPENDIX I

GEOCHEM LABORATORY ANALYSIS SHEETS

NORANDA VANCOUVER LABORATORY

****

PROPERTY/LOCATION: ADAMS PLATEAU CODE : 8508-081

Project No. : 110 Sheet: 1 of 7 Date rec'd: Aug. 20
Material : Soil Geol.: G. S. Date compl: Sep. 20
Remarks :

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
120	92E-348.00N	36	76	10	0.2	10
121	348.25	46	62	8	0.2	10
122	348.50	22	100	5	0.2	10
123	348.75	20	130	2	0.2	10
124	349.00	20	54	4	0.2	10
125	349.25	22	72	6	0.2	10
126	349.50	14	64	6	0.2	10
127	349.75	20	140	6	0.2	10
128	350.00	68	100	2	0.4	10
129	350.25	20	60	6	0.2	10
130	350.50	20	56	8	0.2	10
131	350.75	18	60	8	0.2	10
132	351.00	22	110	8	0.2	10
133	351.25	20	170	8	0.2	10
134	351.50	48	170	16	0.6	10
135	92E-351.75N	20	120	8	0.6	10
136	94E-348.0N	18	160	6	0.2	10
137	348.25	14	88	6	0.2	10
138	348.50	28	84	10	0.4	10
139	348.75	44	80	6	0.6	10
140	349.00	18	98	4	0.2	10
141	349.25	26	110	6	0.2	10
142	349.50	32	96	1	0.2	10
143	349.75	14	110	6	0.2	10
144	350.00	10	100	6	0.4	10
145	350.25	22	96	8	0.4	10
146	350.50	56	170	8	1.2	10
147	350.75	26	120	10	0.4	10
148	351.00	12	64	6	0.4	10
149	351.25	18	86	10	0.4	10
2	351.50	12	100	64	0.2	10
3	351.75	8	72	10	0.2	10
4	352.00	20	110	6	0.2	10
5	352.25	20	160	6	0.2	10
6	352.50	6	58	4	0.2	10
7	352.75	8	150	8	0.2	10
8	353.00	6	90	8	0.2	10
9	353.25	8	46	4	0.2	10
10	353.50	8	44	4	0.2	10
11	353.75	32	84	12	0.2	10
12	354.00	28	68	8	0.2	10
13	354.25	18	88	6	0.2	10
14	354.50	14	110	10	0.2	10
15	354.75	12	110	24	0.2	10
16	94E-355.0N	54	130	2	0.2	10
17	96E-348.0N	16	110	6	0.4	10
18	348.25	28	130	10	0.2	10
19	96E-348.50N	26	150	18	0.4	10

T.T. No.	SAMPLE No.	PPB Cu	Zn	Pb	Ag	Au
20	96E - 348.75 N	20	64	8	0.2	10
21	349.00	28	54	6	0.2	10
22	349.25	18	72	10	0.2	10
23	349.50	26	58	8	0.2	10
24	349.75	24	56	12	0.2	10
25	350.00	30	42	12	0.4	10
26	350.25	40	64	10	0.2	10
27	350.50	36	36	8	0.4	10
28	350.75	36	64	10	0.2	10
29	351.00	56	62	10	0.4	10
30	351.25	28	46	12	0.4	10
31	351.50	28	88	16	0.2	10
32	351.75	26	74	16	0.2	10
33	352.00	10	66	8	0.2	10
34	352.25	20	120	4	0.2	10
35	352.50	20	190	18	0.2	10
36	352.75	24	80	8	0.2	10
37	353.00	18	78	8	0.2	10
38	353.25	44	110	12	0.2	10
39	353.50	24	98	8	0.2	10
40	353.75	16	150	8	0.2	10
41	354.00	10	48	8	0.4	10
42	354.25	20	110	14	0.2	10
43	354.50	16	94	14	0.2	10
44	354.75	38	94	10	0.2	10
45	96E-355.0N	32	150	6	0.2	10
46	98E-348.0N	52	110	22	0.2	10
47	348.25	50	110	18	0.2	10
48	348.50	48	72	12	0.4	10
49	348.75	24	78	16	0.4	10
50	349.00	26	54	12	0.4	10
51	349.25	58	70	12	0.4	10
52	349.50	46	96	18	0.2	10
53	349.75	28	70	14	0.2	10
54	350.00	32	110	12	0.2	10
55	350.25	34	110	10	0.2	10
56	350.50	20	18	8	0.2	10
57	350.75	36	54	10	0.2	10
58	351.00	80	38	12	0.4	10
59	351.25	54	80	6	0.2	10
60	351.50	20	52	12	0.2	10
61	351.75	28	66	12	0.2	10
62	352.00	170	90	10	0.4	10
63	352.25	18	68	8	0.2	10
64	352.50	16	68	8	0.2	10
65	352.75	26	130	8	0.2	10
66	353.00	16	110	8	0.2	10
67	353.25	12	120	8	0.2	10
68	353.50	48	140	8	0.2	10
69	353.75	12	72	8	0.2	10
70	354.00	8	62	8	0.2	10
71	354.25	22	100	10	0.2	10
72	354.50	10	64	12	0.2	10
73	354.75	14	58	12	0.2	10
74	98E-355.0N	8	62	10	0.2	10
75	100E-349.0N	130	46	10	0.4	10
76	100E-349.25N	18	60	8	0.2	10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
						8508-081 Pg. 3 of 7
77	100E - 349.50N	22	82	12	0.4	10
78	349.75	56	82	16	0.2	10
79	350.00	24	96	12	0.2	10
80	350.25	30	68	16	0.4	10
81	350.50	20	120	30	0.8	10
82	350.75	50	130	24	0.2	10
83	351.00	26	32	10	0.2	10
84	351.25	26	150	12	0.4	10
85	351.50	38	120	16	0.2	10
86	351.75	34	100	18	0.2	10
87	352.00	12	66	10	0.2	10
88	352.25	30	180	6	0.2	10
89	352.50	38	160	4	0.2	10
90	352.75	18	84	8	0.2	10
91	353.75	12	80	6	0.2	10
92	354.00	20	130	6	0.2	10
93	354.25	16	78	8	0.2	10
94	354.50	24	92	2	0.2	10
95	354.75	74	110	20	0.2	10
96	355.00	30	140	8	0.2	10
97	355.25	22	120	12	0.2	10
98	355.50	10	92	10	0.2	10
99	100E - 355.75N	12	64	8	0.2	10
100	CHECK NL-5	26	70	68	1.2	10
101	100E-356.0N	10	120	16	0.2	10
102	10200E-349N	22	66	8	0.2	10
103	349.25	22	64	6	0.2	10
104	349.50	110	64	8	0.4	10
105	349.75	38	48	8	0.4	10
106	350.00	34	62	10	0.4	10
107	350.25	56	86	12	0.4	10
108	350.50	86	120	30	0.2	10
109	350.75	38	180	30	0.2	10
110	351.00	64	110	20	0.2	10
111	351.25	36	82	10	0.2	10
112	351.50	32	150	14	0.2	10
113	351.75	20	160	14	0.4	10
114	352.00	24	180	26	0.6	10
115	352.25	38	130	12	0.2	10
116	352.50	14	80	6	0.4	10
117	352.75	12	70	14	0.4	10
118	353.00	24	130	2	0.2	10
119	353.25	32	84	22	0.4	10
120	353.50	20	170	14	0.2	10
121	353.75	14	70	8	0.2	10
122	354.00	14	68	8	0.2	10
123	354.25	16	100	10	0.4	10
124	354.50	18	100	8	0.2	10
125	354.75	16	94	8	0.2	10
126	355.00	10	80	8	0.2	10
127	355.25	24	150	6	0.2	10
128	355.50	16	160	4	0.2	10
129	355.75	22	98	10	0.2	10
130	10200E-356N	26	100	12	0.2	10
131	104E-349.0N	76	50	10	0.2	10
132	349.25	210	82	14	0.2	10
133	104E-349.50N	32	58	14	0.2	10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	Au
					PPB	
134	104E-349.75N	130	38	12	0.2	10
135	350.00	120	100	16	0.4	10
136	350.25	84	82	18	0.4	10
137	350.50	42	96	28	0.2	10
138	350.75	50	76	18	0.2	10
139	351.00	32	90	12	0.2	10
140	351.25	24	44	12	0.2	10
141	351.50	34	110	14	0.4	10
142	351.75	40	86	12	0.2	10
143	352.00	28	58	14	0.2	10
144	352.25	30	66	22	0.2	10
145	352.50	42	78	14	0.2	10
146	352.75	58	120	6	0.2	10
147	353.00	18	80	16	0.2	10
148	353.25	14	110	8	0.2	10
149	353.50	16	60	10	0.2	10
2	353.75	16	62	12	0.4	10
3	354.00	50	120	18	0.4	10
4	354.25	12	80	10	0.4	10
5	354.50	14	100	6	0.2	10
6	354.75	14	150	8	0.2	10
7	355.00	12	84	8	0.4	10
8	355.25	12	120	8	0.2	10
9	355.50	6	58	6	0.2	10
10	355.75	18	100	6	0.4	10
11	104E-356.0N	18	100	6	0.2	10

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: KILLICK OPTION CODE : 8503-029

Project No. : 425 Sheet: 1 of 6 Date rec'd: AUG. 30
Material : SOILS Geol.: G.S. Date compl: OCT. 23
Remarks :

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au
98	92.00E-352.00N	12	60	12	0.2	10
99	92.00E-352.25N	68	190	18	0.2	10
100	CHECK NL-5	28	66	72	1.2	-
101	92.00E-352.50N	48	94	14	0.2	10
102	352.75	28	150	16	0.2	10
103	353.00	22	200	22	0.2	10
104	353.25	26	86	10	0.2	10
105	353.50	34	90	14	0.2	10
106	353.75	32	130	16	0.2	10
107	354.00	28	200	14	0.2	10
108	354.25	24	54	10	0.2	10
109	354.50	22	52	8	0.2	10
110	354.75	30	62	12	0.2	60
111	92.00E-355.00N	26	130	16	0.2	10

NORANDA VANCOUVER LABORATORY

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PROPERTY/LOCATION: Adam's Plateau CODE : 8508-009

Project No. : 110 Sheet: 1 of 8 Date rec'd: Aug. 1
Material : Soil Geol.: G.S. Date comol: Aug. 16
Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	(As)	(Mo)	PPB Au
119	62.00E-207.00N	22	160	32	0.2			10
120	207.25	24	680	74	0.2			10
121	207.50	32	110	24	0.2			10
122	207.75	30	84	16	0.2			10
123	208.00	20	66	8	0.2			10
124	208.25	52	84	12	0.2			10
125	208.50	24	80	8	0.2			10
126	208.75	18	62	12	0.2			10
127	209.00	16	74	16	0.4			10
128	209.25	18	76	18	0.4			10
129	209.50	54	230	24	0.8			10
130	209.75	28	110	14	0.4			10
131	210.00	26	110	18	0.2			10
132	210.25	54	98	10	0.2			10
133	210.50	36	200	42	0.2			10
134	210.75	22	170	120	0.4			10
135	211.00	56	100	10	0.2			10
136	211.25	20	50	4	0.2			10
137	211.50	22	64	4	0.2			10
138	211.75	22	58	4	0.2			60
139	212.00	120	68	6	0.4			10
140	212.25	42	74	6	0.2			10
141	212.50	24	58	8	0.2			10
142	212.75	18	48	4	0.2			10
143	213.00	32	72	4	0.2			10
144	213.25	130	56	8	0.6			10
145	213.50	110	72	1	0.2			10
146	213.75	12	42	2	0.2			10
147	62.00E-214.00N	24	50	2	0.2			10
148	64.00E-206.00N	54	100	20	0.2			10
149	64.00E-206.25N	32	94	22	0.2			10
2	64.00E-206.50N	38	100	20	0.2			10
3	206.75	44	130	26	0.2			10
4	207.00	54	70	10	0.6			10
5	207.25	52	80	22	0.4			10
6	207.50	22	160	20	0.2			10
7	207.75	42	280	28	0.6			10
8	208.25	14	70	4	0.2			10
9	208.50	18	98	8	0.2			10
10	208.75	12	62	10	0.2			10
11	209.00	26	140	30	0.2			10
12	209.25	14	56	2	0.4			10
13	209.50	14	60	20	0.2			10
14	209.75	28	150	6	0.2			10
15	210.00	16	68	12	0.2			10
16	210.25	14	78	6	0.4			10
17	210.50	14	76	12	0.2			10
18	64.00E-210.75N	24	130	8	0.2			10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	(As)	(Mo)	PPB Au	8508-009 Pg. 2 of 8
19	64.00E-211.00N	18	100	2	0.2			10	
20	211.25	14	42	1	0.2			10	
21	211.50	44	76	1	0.2			10	
22	211.75	10	40	1	0.2			10	
23	212.00	10	38	1	0.2			10	
24	212.25	44	84	1	0.2			10	
25	212.50	14	38	1	0.2			10	
26	212.75	42	76	1	0.2			10	
27	213.00	24	70	1	0.2			10	
28	213.25	14	52	1	0.2			10	
29	213.50	16	46	1	0.2			10	
30	213.75	20	60	1	0.2			10	
31	64.00E-214.00N	54	130	6	0.2			10	
32	66.00E-206.00N	14	66	12	0.2			10	
33	206.25	20	130	14	0.2			10	
34	206.50	26	100	12	0.2			10	
35	206.75	16	66	8	0.2			10	
36	207.00	26	130	16	0.2			10	
37	207.25	14	140	20	0.2			10	
38	207.50	22	170	32	0.2			10	
39	207.75	40	130	16	0.2			10	
40	208.00	32	210	12	0.2			10	
41	208.25	24	100	12	0.2			10	
42	208.50	90	140	14	0.4			10	
43	208.75	42	130	10	0.2			10	
44	209.00	18	94	28	0.4			10	
45	209.25	32	96	4	0.4			10	
46	209.50	26	66	6	0.2			10	
47	209.75	32	82	4	0.2			10	
48	210.00	18	62	2	0.2			10	
49	210.25	22	68	1	0.2			10	
50	210.50	24	64	1	0.2			10	
51	210.75	18	54	2	0.4			10	
52	211.00	24	80	2	0.2			10	
53	211.25	50	48	2	0.4			10	
54	211.50	160	200	8	0.8			10	
55	66.00E-212.00N	24	74	2	0.2			10	
56	68.00E-206.00N	22	140	32	0.2			10	
57	206.25	20	96	24	0.4			10	
58	206.50	14	62	14	0.4			10	
59	206.75	28	180	70	0.2			10	
60	207.00	18	76	18	0.2			10	
61	207.25	18	82	8	0.2			10	
62	207.50	16	54	4	0.2			10	
63	207.75	24	90	12	0.6			10	
64	208.00	18	80	26	0.4			10	
65	208.25	48	180	38	2.0			10	
66	208.50	28	260	32	1.4			10	
67	208.75	38	250	60	1.6			10	
68	209.00	22	76	16	0.4			10	
69	209.25	32	76	14	0.4			10	
70	209.50	42	170	20	0.4			10	
71	209.75	28	70	4	0.2			10	
72	210.00	38	80	4	0.2			10	
73	210.25	22	76	6	0.2			10	
74	210.50	16	68	2	0.2			10	
75	68.00E-210.75N	18	60	4	0.2			10	

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	(As)	(Mo)	PPB Au	8508-009 Pg.3 of 8
76	68.00E-211.00N	20	76	2	0.2			10	
77	211.25	16	70	1	0.2			10	
78	211.50	28	130	1	0.2			10	
79	68.00E-211.75N	20	76	2	0.2			10	
80	70.00E-203.00N	40	52	6	0.8			10	
81	203.25	30	44	14	0.4			10	
82	203.50	48	44	4	1.0			10	
83	203.75	16	56	4	0.8			10	
84	204.00	36	38	10	1.6			10	
85	204.25	22	76	12	0.2			10	
86	204.50	24	78	12	0.2			10	
87	204.75	18	68	12	0.2			10	
88	205.00	18	86	24	0.4			10	
89	205.25	16	64	26	0.4			10	
90	205.50	16	60	24	0.4			10	
91	205.75	14	50	36	0.8			10	
92	206.00	14	54	34	0.6			10	
93	206.25	24	80	26	0.4			10	
94	206.75	24	62	28	0.2			10	
95	207.00	26	78	14	0.4			10	
96	207.25	32	130	120	0.2			10	
97	207.50	24	140	20	0.4			10	
98	207.75	22	72	20	0.8			10	
99	70.00E-208.00N	22	70	18	0.6			10	
100	CHECK NL-5	26	68	74	1.6			-	
101	70.00E-208.25N	22	70	20	0.6			10	
102	208.50	28	70	6	0.2			10	
103	208.75	20	70	18	0.4			10	
104	209.00	34	66	8	0.2			10	
105	209.25	28	64	8	0.2			10	
106	209.50	16	60	4	0.2			10	
107	209.75	26	74	10	0.2			10	
108	210.00	20	64	2	0.4			10	
109	210.25	26	70	6	0.2			10	
110	210.50	38	62	1	0.2			10	
111	210.75	44	64	4	0.2			10	
112	211.00	22	54	1	0.2			10	
113	211.25	32	74	1	0.2			10	
114	211.50	42	190	4	0.2			10	
115	211.75	30	56	2	0.2			10	
116	212.00	16	52	2	0.2			10	
117	212.25	22	68	4	0.2			10	
118	212.50	70	66	4	0.2			10	
119	212.75	16	58	1	0.2			10	
120	213.00	16	56	1	0.2			10	
121	213.25	16	42	4	0.2			10	
122	213.50	16	42	2	0.2			10	
123	213.75	58	58	4	0.4			10	
124	70.00E-214.00N	54	64	4	0.8			10	
125	72.00E-203.00N	22	68	4	0.2			10	
126	203.25	16	44	6	0.2			10	
127	203.50	28	58	8	0.4			10	
128	203.75	18	60	4	0.2			10	
129	204.00	16	56	10	0.2			10	
130	204.25	14	46	8	0.2			10	
131	204.50	14	38	4	0.4			10	
132	72.00E-204.75N	14	38	4	0.4			10	

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	(As)	(Mo)	PPB Au
133	72.00E-205.00N	16	54	4	0.2			10
134	205.25	16	44	2	0.2			10
135	205.50	16	48	6	0.4			10
136	205.75	22	56	2	0.2			10
137	206.00	44	130	2	0.2			10
138	206.25	20	40	4	0.2			10
139	206.50	44	56	2	0.2			10
140	206.75	18	54	2	0.2			10
141	207.00	14	32	4	0.2			10
142	207.25	20	46	6	0.2			10
143	207.50	12	32	2	0.2			10
144	207.75	16	30	2	0.2			10
145	208.00	12	38	4	0.2			10
146	208.25	22	50	4	0.2			10
147	208.50	22	58	2	0.2			10
148	208.75	24	54	2	0.2			10
149	72.00E-209.00N	22	54	14	0.2			10
2	72.00E-209.25N	28	170	4	0.2			10
3	209.50	36	56	4	0.2			10
4	209.75	22	70	4	0.2			10
5	210.00	36	130	8	0.4			10
6	210.25	22	160	14	0.2			10
7	210.50	18	76	6	0.2			10
8	210.75	22	250	36	0.2			10
9	211.00	22	160	22	0.2			10
10	211.25	26	230	32	0.2			10
11	211.50	14	200	30	0.2			10
12	211.75	12	170	68	0.2			10
13	212.00	14	350	110	0.2			10
14	212.25	36	70	4	0.2			10
15	212.50	70	94	6	0.2			10
16	212.75	42	66	12	0.2			10
17	213.00	36	58	6	0.2			10
18	213.25	22	38	4	0.2			10
19	213.50	24	44	2	0.2			10
20	213.75	42	60	1	0.2			10
21	72.00E-214.00N	42	42	1	0.2			10
22	92.00E-227.00N	20	76	10	0.2			10
23	227.25	24	84	16	0.2			10
24	227.50	36	170	40	0.2			10
25	227.75	36	180	42	0.2			10
26	228.00	22	90	6	0.2			10
27	228.25	32	78	8	0.2			10
28	228.50	32	80	10	0.2			10
29	228.75	44	150	14	0.2			10
30	229.00	12	90	4	0.2			10
31	229.25	40	180	32	0.2			10
32	229.50	24	92	12	0.2			10
33	229.75	32	150	6	0.2			10
34	230.00	30	160	8	0.2			10
35	230.25	18	100	2	0.2			10
36	230.50	12	70	6	0.2			10
37	230.75	26	72	6	0.2			10
38	231.00	12	82	6	0.2			10
39	231.25	10	48	4	0.2			10
40	231.50	10	76	1	0.2			10
41	92.00E-231.75N	22	200	10	0.2			10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	(As)	(Mo)	PPB Au
42	92.00E-232.00N	30	68	10	0.2			10
43	232.25	34	96	12	0.2			10
44	232.50	20	200	8	0.2			10
45	232.75	28	94	14	0.2			10
46	233.00	18	64	6	0.2			10
47	233.25	18	86	12	0.2			10
48	233.50	36	92	10	0.2			10
49	233.75	42	90	8	0.2			10
50	234.00	12	64	4	0.2			10
51	234.25	6	42	4	0.2			10
52	234.50	42	140	18	0.2			10
53	234.75	40	150	20	0.2			10
54	235.00	44	140	18	0.2			10
55	235.25	42	140	12	0.2			10
56	235.50	30	100	12	0.2			10
57	235.75	36	84	8	0.2			10
58	236.00	18	88	12	0.2			10
59	236.25	16	130	4	0.2			10
60	236.50	16	70	4	0.2			10
61	236.75	34	84	8	0.2			10
62	237.00	96	130	32	0.2			10
63	237.25	54	84	14	0.2			10
64	237.50	38	90	8	0.2			10
65	237.75	48	160	18	0.2			10
66	238.00	60	150	22	0.2			10
67	238.25	120	180	56	0.2			10
68	238.50	56	170	20	0.2			10
69	238.75	34	150	8	0.2			10
70	239.00	6	36	1	0.2			10
71	239.25	18	80	2	0.2			10
72	239.50	14	54	1	0.2			10
73	239.75	14	68	2	0.2			10
74	240.00	12	66	2	0.2			10
75	240.25	16	74	1	0.2			10
76	240.50	18	62	4	0.2			10
77	240.75	36	190	4	0.2			10
78	241.00	14	58	1	0.2			10
79	241.25	22	86	6	0.2			10
80	241.50	22	90	2	0.2			10
81	241.75	34	68	14	0.2			10
82	242.00	14	36	6	0.4			10
83	242.25	8	26	2	0.2			10
84	242.50	56	130	16	0.2			10
85	242.75	28	96	4	0.2			10
86	92.00E-243.00N	20	74	2	0.2			10
87	102.00E-233.00N	20	88	4	0.2			10
88	233.25	16	76	2	0.2			30
89	233.50	30	130	1	0.2			10
90	233.75	10	74	1	0.2			10
91	234.00	22	68	8	0.2			10
92	234.25	50	150	32	0.2			10
93	234.50	20	68	2	0.2			10
94	234.75	18	66	2	0.2			10
95	235.25	24	140	38	0.2			10
96	235.50	12	48	2	0.2			10
97	235.75	18	80	6	0.2			10
98	102.00E-236.25N	24	52	14	0.2			10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	(As)	(Mo)	PPB Au
99	102.00E-236.50N	20	48	16	0.2			10
100	CHECK NL-5	26	70	76	1.2			-
101	102.00E-236.75N	24	92	12	0.2			10
102	102.00E-237.00N	30	94	8	0.2			10
103	104.00E-230.00N	30	62	6	0.2			10
104	230.25	44	130	22	0.2			10
105	230.50	20	68	10	0.2			10
106	230.75	26	76	2	0.2			10
107	231.00	42	76	10	0.2			10
108	231.25	28	100	32	0.2			10
109	231.50	52	150	20	0.2			10
110	231.75	26	84	14	0.2			10
111	232.00	10	48	10	0.2			10
112	232.25	8	32	6	0.6			10
113	232.50	14	48	2	0.6			10
114	232.75	28	76	16	0.4			10
115	233.00	16	50	4	0.2			10
116	233.25	16	42	4	0.2			10
117	233.50	16	56	2	0.2			10
118	233.75	18	90	2	0.2			10
119	234.00	16	70	4	0.2			10
120	234.50	22	52	4	0.2			10
121	234.75	18	46	12	0.2			10
122	235.50	22	60	4	0.2			10
123	235.75	10	24	1	0.2			10
124	236.00	16	40	4	0.2			10
125	236.25	14	50	4	0.2			10
126	236.50	26	62	8	0.2			10
127	236.75	14	36	4	0.2			10
128	237.00	8	22	1	0.2			10
129	237.25	16	50	2	0.2			10
130	237.75	10	40	4	0.2			10
131	238.00	22	50	2	0.2			10
132	238.25	24	84	10	0.2			10
133	238.50	16	94	6	0.2			10
134	238.75	14	52	4	0.2			10
135	239.00	16	58	4	0.2			10
136	239.25	34	80	12	0.2			10
137	239.50	24	100	8	0.2			10
138	239.75	26	70	8	0.2			10
139	240.00	24	84	2	0.2			10
140	240.25	14	66	2	0.2			10
141	240.50	12	66	4	0.2			10
142	240.75	10	58	2	0.2			10
143	104.00E-241.00N	18	68	1	0.2			10
144	106.00E-230.00N	46	170	34	0.2			10
145	230.25	22	90	10	0.2			10
146	230.50	20	62	8	0.2			10
147	230.75	20	60	6	0.2			10
148	231.00	52	56	1	0.6			10
149	106.00E-231.25N	26	130	20	0.2			10
2	106.00E-231.50N	8	50	4	0.2	1	1	10
3	231.75	22	76	10	0.2	1	1	10
4	232.50	42	88	12	0.2	1	1	10
5	232.75	12	64	4	0.2	1	1	10
6	233.00	10	54	4	0.2	1	1	10
7	106.00E-233.25N	12	44	8	0.2	1	1	10

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	(As)	(Mo)	PPB Au	8508-009 Pg.7 of 8
8	106.00E-233.50N	16	60	10	0.2	1	1	10	
9	233.75	30	58	10	0.2	1	1	10	
10	106.00E-234.00N	16	40	10	0.2	1	1	10	

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag
155	83476	44	160	28	0.4
156	83477	56	160	24	0.2
157	83478	52	150	26	0.2
158	83479	60	160	26	0.2
159	83480	58	160	22	0.2
160	83481	70	160	22	0.2
161	83482	52	140	32	0.2
162	83483	42	150	30	0.2
163	83484	82	170	62	0.4
164	83485	52	150	120	0.6
165	83486	36	160	26	0.2
166	83487	44	120	16	0.2
167	83488	46	140	22	0.2
168	83489	40	140	18	0.2
169	83490	42	150	20	0.2
170	83491	44	150	26	0.2
171	83492	48	140	30	0.2
172	83493	52	160	34	0.2
173	83494	40	62	16	0.2

NORANDA VANCOUVER LABORATORY

****

PROPERTY/LOCATION: Killick

CODE : 8508-011

Project No. : 125 Sheet: 1 Date rec'd: Aug. 1

Material : Rock Geol.: G.S. Date compl: Aug. 22

Remarks :

Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Mo	PPB Au	NTS	GCI
156	57430	16	150	10	0.2	8	2	50	82M/3&4	2455
157	31	68	230	2	0.4	2	2	10		
158	32	88	120	2	0.2	2	2	10		
159	33	38	160	60	0.8	2	2	10		
160	34	30	60	90	0.2	2	2	10		

22/08/85 G.S. W.M. DP DB.

8508-051

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : NORANDA EXPLORATION CO. LTD.
1050 DAVIE STREET
VANCOUVER B.C.

PROJECT: 425 F3 8508-051 KILLICK OPT. (GS)
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 85275
INVOICE#: 5476
DATE ENTERED: AUGUST 26,1985
FILE NAME: NOR85275
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu	PPM Ag	PPM Zn	PPM Pb	PPB Au	PPM As
A	75826	1	116	0.2	66	10	10	6
A	75827	3	40	0.2	56	20	10	2
A	75828	1	18	0.2	820	620	10	2
A	75829	1	96	0.2	246	46	10	4
A	75830	1	62	0.2	132	28	10	4

CERTIFIED BY : J. Rossbacher

06/09 GS DB WM DP

APPENDIX II

ROCK SAMPLE REPORT

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 82M/3W, 4E

PROPERTY PISIMA

DATE July, 1985

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS							SAMPLED BY
				Cu	Zn	Pb	Ag	As	Mo	Au	
				(		ppm			)	(ppb)	
57430	Sericite-Quartz Schist - Silvery white, very well										
	fractured with porphyryclastic fabric evident										
	schistosity with pyrite, pyrrhotite, magnetite										
	mineralization	Grab		16	150	10	0.2	8	2	50	L.D.
57431	Andesitic Tuff - Very fine grained and foliated										
	rich in silicon. Very well mineralized with										
	pyrite, pyrrhotite, some very fine grained										
	sphalerite.	Grab		68	220	2	0.4	2	2	10	L.D.
57432	Andesite - Light green, porphyritic texture,										
	fine grained, massive with quartz fragments.										
	Pyrite, magnetite mineralization	Grab		88	120	2	0.2	2	2	10	L.D.
57433	Andesitic Tuff - Light green to grey. Schistosity										
	very well developed, very fine grained pyrite,										
	magnetite mineralization	Grab		38	160	60	0.8	2	2	10	L.D.
57434	Andesite - Dark green, flow banding, medium to										
	fine grained, pyrite, pyrrhotite mineralization	Grab		30	60	90	0.2	2	2	10	L.D.

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 82M/3W, 4E

PROPERTY PISIMA

DATE August, 1985

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS							SAMPLED BY
				Cu	Zn	Pb	Ag	As	Mo	Au	
				(		ppm			)	(ppb)	
75826	Andesite - Greenish-Grey, very massive fine										
	grained, quartz veins, pyrite, chalcopyrite,										
	magnetite mineralization	Grab		116	66	10	0.2	6	1	10	L.D.
75827	Quartzite - White to light grey mosaic type,										
	very massive with pyrite, magnetite mineralization	Grab		40	56	20	0.2	2	3	10	L.D.
75828	Dacite - Medium grey, porphyritic, massive, fine										
	grained, pyrite, magnetite, sphalerite, galena										
	mineralization	Grab		18	820	620	0.2	2	1	10	L.D.
75829	Andesite - Greenish, very massive, fine grained,										
	pyrite, pyrrhotite, sphalerite mineralization	Grab		96	246	46	0.2	4	1	10	L.D.
75830	Andesitic Tuff - Light green, fine to very fine										
	grained with well developed schistosity, pyrite,										
	pyrrhotite, magnetite mineralization	Grab		62	132	28	0.2	4	1	10	L.D.

APPENDIX III

STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED

STATEMENT OF COST

PROJECT - Goldfinger, Gold flake, Goldpan, Lode 11 and Lode 111, MN-2, MN-3

DATE January, 1986

TYPE OF REPORT Geology, Geochemistry,Geophysics and Linecutting.

a)	Wages:	
	No. of Days 76	
	Rate per Day $ 114.27	
	Dates From: July - August 1985	
	Total Wages $ 114.21 X 80	$ 8,680.00
b)	Food and Accomodation:	
	No. of Days 76	
	Rate per Day $ 25.00	
	Dates From: July - August 1985	
	Total Cost $25.00 X 76	$ 1,900.00
c)	Transportation:	
	No. of Days 28	
	Rate per Day $ 60.00	
	Dates From: July - August 1985	
	Total Cost $ 60.00 X 28	$ 1,680.00
d)	Other:	
	Field Supplies	$ 500.00
e)	Analysis	
	(See attached schedule)	$ 5,736.50
f)	Cost of preparation of Report:	
	Author	$ 500.00
	Drafting	$ 500.00
	Typing	$ 500.00
	Total Cost	$19,996.50

g) Unit cost for Geology

No. of units	25	
Unit costs	$ 128.00	
Total Cost	25 X $ 128.00	$ 3,200.00

h) Unit cost of Geochemistry

No. of units	597 Samples	
Unit costs	$ 14.57	
Total Costs	597 X $ 14.57	$ 8,696.52

i) Unit cost of Geophysics

No. of units	10	
Unit costs	$ 560.00	
Total Costs	10 X $ 560.00	$ 5,600.00

j) Unit Cost for Linecutting

No. of units	14.0 km.	
Unit costs	$ 178.57	
Total Costs	14.0 X $ 178.57	$ 2,499.98

Grand Total	$19,996.50

NORANDA EXPLORATION COMPANY, LIMITED

(WESTERN DIVISION)

DETAILS OF ANALYSES COSTS

PROJECT: PISIAMA CLAIMS GROUP

ELEMENT	NO. OF DETERMINATIONS	COST PER DETERMINATION	TOTAL
Soil and Silt Geochemistry			
Cu	587	1.60	939.20
Pb	587	0.60	352.20
Zn	587	0.60	352.20
Mo	587	0.60	352.20
As	587	1.50	880.50
Ag	587	0.60	352.20
Au	587	3.50	2,054.50
Sample Preparation	$ 0.50 X 587		293.50
Total Cost			$ 5,576.50
Rock Geochemistry			
Cu	10	1.25	12.50
Pb	10	1.25	12.50
Zn	10	1.25	12.50
Mo	10	1.25	12.50
As	10	3.25	32.50
Ag	10	1.25	12.50
Au	10	4.50	45.00
Sample Preparation	$ 2.00 X 10		20.00
Total Cost			160.00
Grand Total			$ 5,736.50

APPENDIX IV

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

****

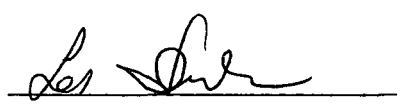
I, Les Demczuk of the City of Vancouver, Province of British Columbia do hereby certify that:

I am a Mining Geologist Engineer residing at 210 - 1860 Nelson Street, Vancouver, B.C.

I graduated from University of Mining and Metallurgy Krakow, Poland in 1977 with Master of Science Degree in Geology.

I have worked in mineral and coal exploration since 1977 and have practised my profession since 1977.

I am temporarily employed with Noranda Exploration Company, Limited, and have been since June, 1985.



Les. Demczuk.

STATEMENT OF QUALIFICATIONS
****

I, Lyndon Bradish of Vancouver, Province of British Columbia, do hereby certify that:

1. I am a Geophysicist residing at 1826 Trutch Street, Vancouver B.C.

2. I am a graduate of the University of British Columbia with a B.Sc. (geophysics).

3. I am a member in good standing of the Society of Exploration Geophysicists, Canadian Institute of Mining and the Prospector's and Developer's Association.

4. I presently hold the position of Division Geophysicist with Noranda Exploration Company, Limited and have been in their employ since 1973.

L. Bradish
Division Geophysicist

3000
3500
4000
4500
5000
5500
6000

L. 9200 E
L. 9400 E
L. 9600 E
L. 9800 E
L. 10000 E
L. 10200 E
L. 10400 E
L. 10600 E
L. 10800 E

LCP
MN 2

LCP
GOLDFINGER
MN 3

FAR GRID

35600 N
35500 N
35400 N
35300 N
35200 N
35100 N
35000 N
34900 N

83480 ● 50, 160, 22, 0.2
83479 ● 60, 160, 26, 0.2
83478 ● 52, 150, 26, 0.2
83477 ● 56, 160, 24, 0.2
83476 ● 44, 160, 28, 0.4
83481 ● 70, 160, 22, 0.2
83482 ● 52, 140, 32, 0.2
83483 ● 42, 150, 30, 0.2
83484 ● 82, 170, 62, 0.4
83485 ● 52, 150, 120, 0.6
83486 ● 36, 160, 26, 0.2
83487 ● 44, 120, 16, 0.2
83488 ● 46, 140, 22, 0.2
83489 ● 40, 140, 18, 0.2
83490 ● 42, 150, 20, 0.2
83491 ● 44, 150, 20, 0.2
83492 ● 48, 140, 30, 0.2
83493 ● 52, 160, 34, 0.2
83494 ● 40, 62, 16, 0.2

INTENSE SOIL SAMPLING LOCATION # 1
SAMPLE # 4391 – 4410

INTENSE SOIL SAMPLING LOCATION # 2
SAMPLE # 4351 – 4390

B.L. 23 700 N

24600 N
24500 N
24400 N
24300 N
24200 N
24100 N
24000 N
23900 N
23800 N
23600 N
23500 N
23400 N
23300 N
23200 N
23100 N
23000 N
22900 N
22800 N
22700 N
22600 N
22500 N
22400 N

NORTH GRID

Pisima
Mountain

LCP
LODE II

LCP
GOLDFLAKE

GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,410

LEGEND

Cu Zn Pb Ag in ppm

8348 ● 56, 160, 24, 0.2 Silt Sample Number

SCALE
1: 5000

Metres 100 0 100 200 300 400 500 Metres

REVISED	O'BRIEN J.V.
	PISIMA CLAIM GROUP
	North Sheet
	GRID AND SILT / SOIL SAMPLE LOCATION MAP
	N.T.S. 82L/13·14 & 82M/3·4
PROJ. No. 410	SURVEY BY: L. Demczuk DATE: August /85
N.T.S. –	DRAWN BY: Author, J. Ser.win. SCALE: 1: 5000
DWG. No. 3	NORANDA EXPLORATION
	OFFICE: Vancouver

Pisima Mountain

62+00 E
64+00 E
66+00 E
68+00 E
70+00 E
72+00 E

250+00 N
240+00 N
230+00 N
220+00 N
210+00 N
209+00 N
208+00 N
207+00 N
206+00 N
205+00 N
204+00 N
203+00 N

BL

LCP
LODE II

LCP
GOLDFLAKE

LCP
GOLDPAN MN I

LCP
LODE III

4500
5000
5500
6000

PISIMA GRID

PISIMA CLAIM GROUP
MOSQUITO KING CLAIM GROUP

Gilfrid Lake

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

SCALE
1:5000

Metres 100 0 100 200 300 400 500 Metres

REVISED	O'BRIEN J.V.
	PISIMA CLAIM GROUP
	South Sheet
	PISIMA GRID
	N.T.S. 82L/13-14 & 82M/3-4
PROJ. No. 410	SURVEY BY: L. Demczuk DATE: August/85
N.T.S. —	DRAWN BY: J.Serwin SCALE: 1:5000
DWG. No. 4	NORANDA EXPLORATION
	OFFICE: Vancouver

9200 E | 9400 E | 9600 E | 9800 E | 10000 E | 10200 E | 10400 E

35600 N

35500 N

35400 N

35300 N

35200 N

35100 N

BASELINE
35000 N

34900 N

34800 N

9200 E: 26/130, 30/62, 22/52, 24/54, 28/200, 32/130, 34/90, 26/86, 22/200, 28/150, 48/94, 68/190, 12/60, 20/120, 48/170, 20/170, 22/110, 18/60, 20/56, 20/60, 68/100, 20/140, 14/64, 22/72, 20/54, 20/130, 22/100, 42/62, 36/76

9400 E: 54/130, 12/110, 14/110, 18/88, 28/68, 32/84, 8/44, 8/46, 6/90, 8/150, 6/58, 20/160, 20/110, 8/72, 12/100, 18/86, 12/64, 26/120, 56/170, 22/96, 10/100, 14/110, 32/96, 26/110, 18/98, 44/80, 28/84, 14/88, 18/160

9600 E: 32/150, 38/94, 16/94, 20/110, 10/48, 16/150, 24/98, 44/110, 18/78, 24/80, 20/190, 20/120, 10/66, 26/74, 28/88, 28/46, 56/62, 36/64, 36/36, 40/64, 30/42, 24/56, 26/58, 18/72, 28/54, 20/64, 26/150, 28/130, 16/110

9800 E: 8/62, 14/58, 10/64, 22/100, 8/62, 12/72, 48/140, 12/120, 16/110, 26/130, 18/68, 18/68, 170/90, 28/66, 20/52, 54/20, 80/38, 36/54, 20/18, 34/110, 32/110, 28/70, 46/96, 58/70, 26/54, 24/78, 48/72, 50/110, 52/110

10000 E: 10/120, 12/64, 10/92, 22/120, 30/140, 74/110, 24/92, 16/78, 20/130, 12/80, 18/84, 38/160, 30/180, 12/66, 34/100, 38/120, 26/150, 26/32, 50/130, 20/120, 30/68, 24/96, 56/82, 22/82, 18/60, 130/46

10200 E: 26/100, 22/98, 16/160, 24/150, 10/80, 16/94, 18/100, 16/100, 14/68, 14/70, 20/170, 32/84, 24/130, 12/70, 14/80, 38/130, 24/180, 20/160, 32/150, 36/82, 64/110, 38/180, 86/120, 56/86, 34/62, 38/48, 110/64, 22/64, 22/66

10400 E: 18/100, 18/100, 6/58, 12/120, 12/84, 14/150, 14/100, 12/80, 50/120, 16/62, 16/60, 14/110, 18/80, 58/120, 42/78, 30/66, 28/58, 40/86, 34/110, 24/44, 32/90, 50/76, 42/96, 84/82, 20/100, 130/38, 32/58, 210/82, 176/50

L.C.P.
GOLDFINGER
MN 3

L.C.P.
MN 2

LEGEND

Threshold 80 – 110 ppm

Anomalous 110 – 140 ppm

Very Anomalous > 140 ppm

22/66 Geochem. Values Cu, Zn in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

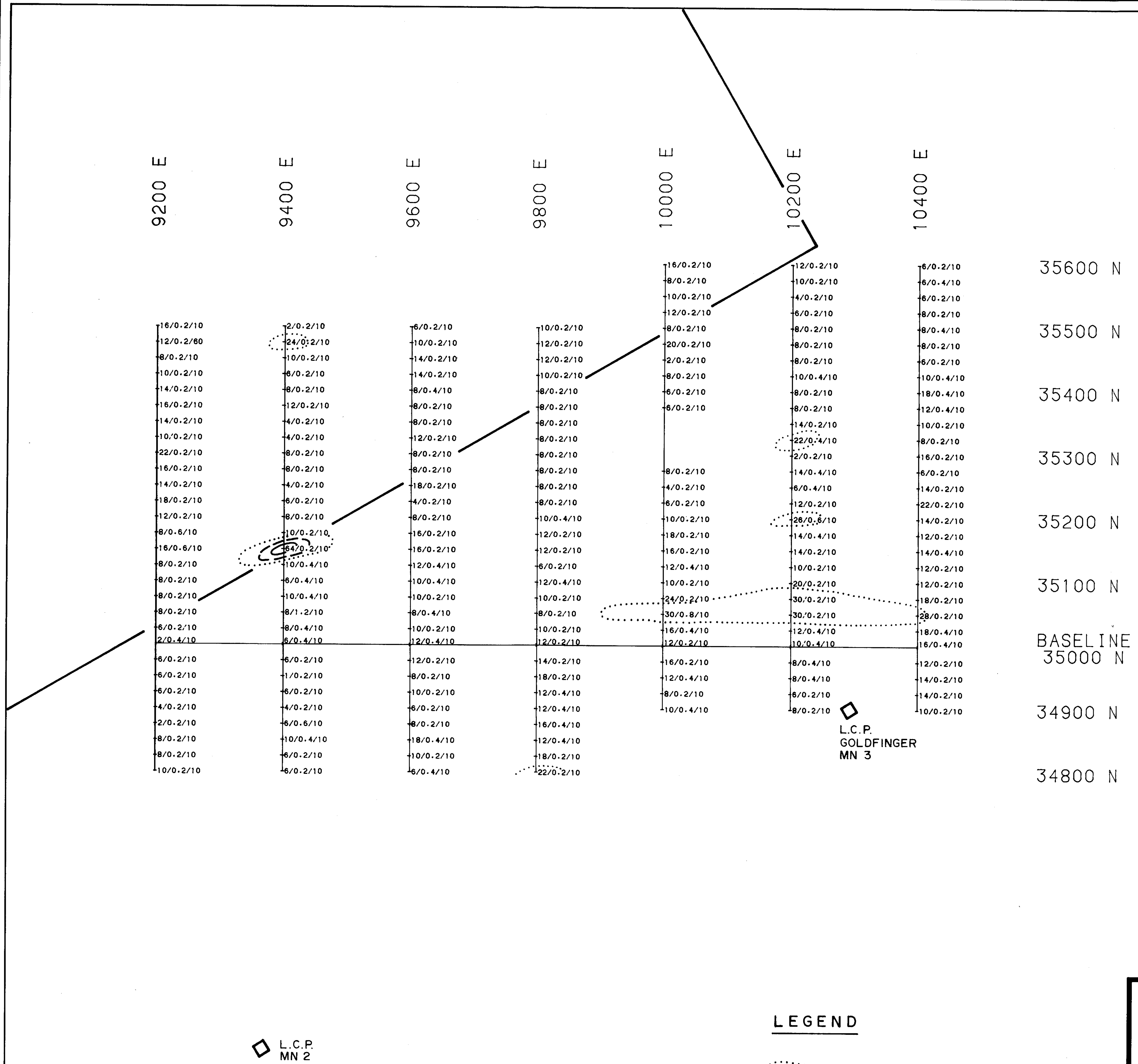
ADAMS PLATEAU - FAR GRID

CONTOURED SOIL GEOCHEMISTRY
Cu (ppm)

PROJ. NO. 850410
N.T.S.
DWG. NO. 5

SURVEY BY: G.S. DATE: JAN.14.1986.
DRAWN BY: EDP/VAN SCALE: 1:5000

NORANDA EXPLORATION
OFFICE: VANCOUVER



GEOLOGICAL BRANCH ASSESSMENT REPORT

14,410

LEGEND

Threshold 24 - 31 ppm

Anomalous 31 - 38 ppm

Very Anomalous > 38 ppm

8/0.2/10 Geochem. Values Pb , Ag in ppm ; Au in ppb

ADAMS PLATEAU - FAR GRID

CONTOURED SOIL GEOCHEMISTRY
Pb (ppm)

PROJ. NO. 850410

N.T.S.

DWG. NO. 7

SURVEY BY: G.S.

DATE: JAN. 14. 1986.

DRAWN BY: EDP/VAN

SCALE: 1:5000

NORANDA EXPLORATION

OFFICE: VANCOUVER

9200 E | 9400 E | 9600 E | 9800 E | 10000 E | 10200 E | 10400 E

35600 N

35500 N

35400 N

35300 N

35200 N

35100 N

BASELINE 35000 N

34900 N

34800 N

9200 E: 26/130 30/62 22/52 24/54 28/200 32/130 34/90 26/86 22/200 28/150 48/94 68/190 12/60 20/120 48/170 20/170 22/110 18/60 20/56 20/60 68/100 20/140 14/64 22/72 20/54 20/130 22/100 42/62 36/76

9400 E: 54/130 12/110 14/110 18/88 28/68 32/84 8/44 8/46 6/90 8/150 6/58 20/160 20/110 8/72 12/100 18/86 12/64 26/120 56/170 22/96 10/100 14/110 32/96 26/110 18/98 44/80 28/84 14/88 18/160

9600 E: 32/150 38/94 16/94 20/110 10/48 16/150 24/98 44/110 18/78 24/80 20/190 20/120 10/66 26/74 28/88 28/46 56/62 36/64 36/36 40/64 30/42 24/56 26/58 18/72 28/54 20/64 26/150 28/130 16/110

9800 E: 8/62 14/58 10/64 22/100 8/62 12/72 48/140 12/120 16/110 26/130 18/68 18/68 170/90 28/66 20/52 54/20 80/38 36/54 20/18 34/110 32/110 28/70 46/96 58/70 26/54 24/78 48/72 50/110 52/110

10000 E: 10/120 12/64 10/92 22/120 30/140 74/110 24/92 16/78 20/130 12/80 18/84 38/160 30/180 12/66 34/100 38/120 26/150 26/32 50/130 20/120 30/68 24/96 56/82 22/82 18/60 130/46

10200 E: 26/100 22/98 16/160 24/150 10/80 16/94 18/100 16/100 14/68 14/70 20/170 32/84 24/130 12/70 14/80 38/130 24/180 20/160 32/150 36/82 64/110 38/180 86/120 56/86 34/62 38/48 110/64 22/64 22/66

10400 E: 18/100 18/100 6/58 12/120 12/84 14/150 14/100 12/80 50/120 16/62 16/60 14/110 18/80 58/120 42/78 30/66 28/58 40/86 34/110 24/44 32/90 50/76 42/96 84/82 120/100 130/38 32/58 210/82 76/50

L.C.P. GOLDFINGER MN 3

L.C.P. MN 2

LEGEND

- Threshold 170 – 200 ppm
- Anomalous 200 – 240 ppm
- Very Anomalous > 240 ppm
- 26/130 Geochem. Values Cu, Zn in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

ADAMS PLATEAU - FAR GRID

CONTOURED SOIL GEOCHEMISTRY
Zn (ppm)

PROJ. NO. 850410
N.T.S.
DWG. NO. 6

SURVEY BY: G.S. DATE: JAN. 14, 1986
DRAWN BY: EDP / VAN SCALE: 1:5000

NORANDA EXPLORATION
OFFICE: VANCOUVER

9200 E | 9400 E | 9600 E | 9800 E | 10000 E | 10200 E | 10400 E

35600 N

35500 N

35400 N

35300 N

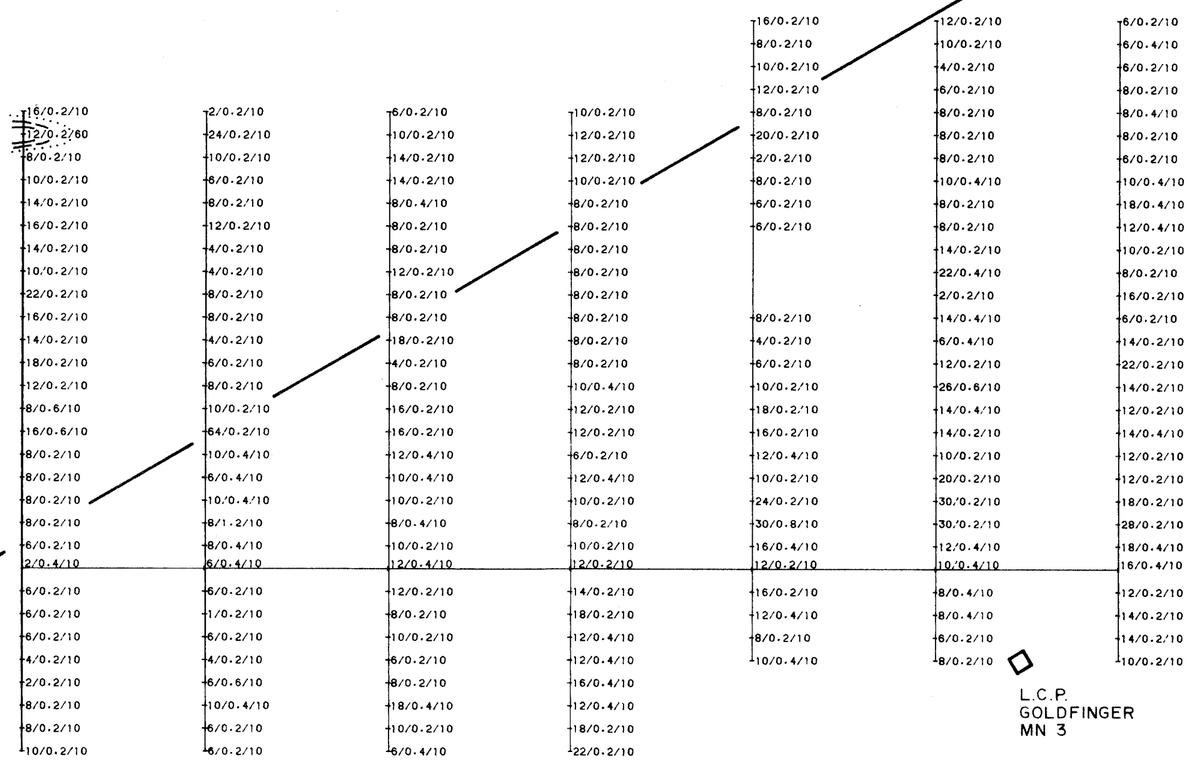
35200 N

35100 N

BASELINE
35000 N

34900 N

34800 N



L.C.P.
MN 2

LEGEND

Threshold 17 – 20 ppb

Anomalous 20 – 25 ppb

Very Anomalous > 25 ppb

8/0.2/10 Geochem. Values Pb , Ag in ppm ; Au in ppb

ADAMS PLATEAU - FAR GRID

CONTOURED SOIL GEOCHEMISTRY
Au (ppb)

PROJ. NO. 850410

N.T.S.

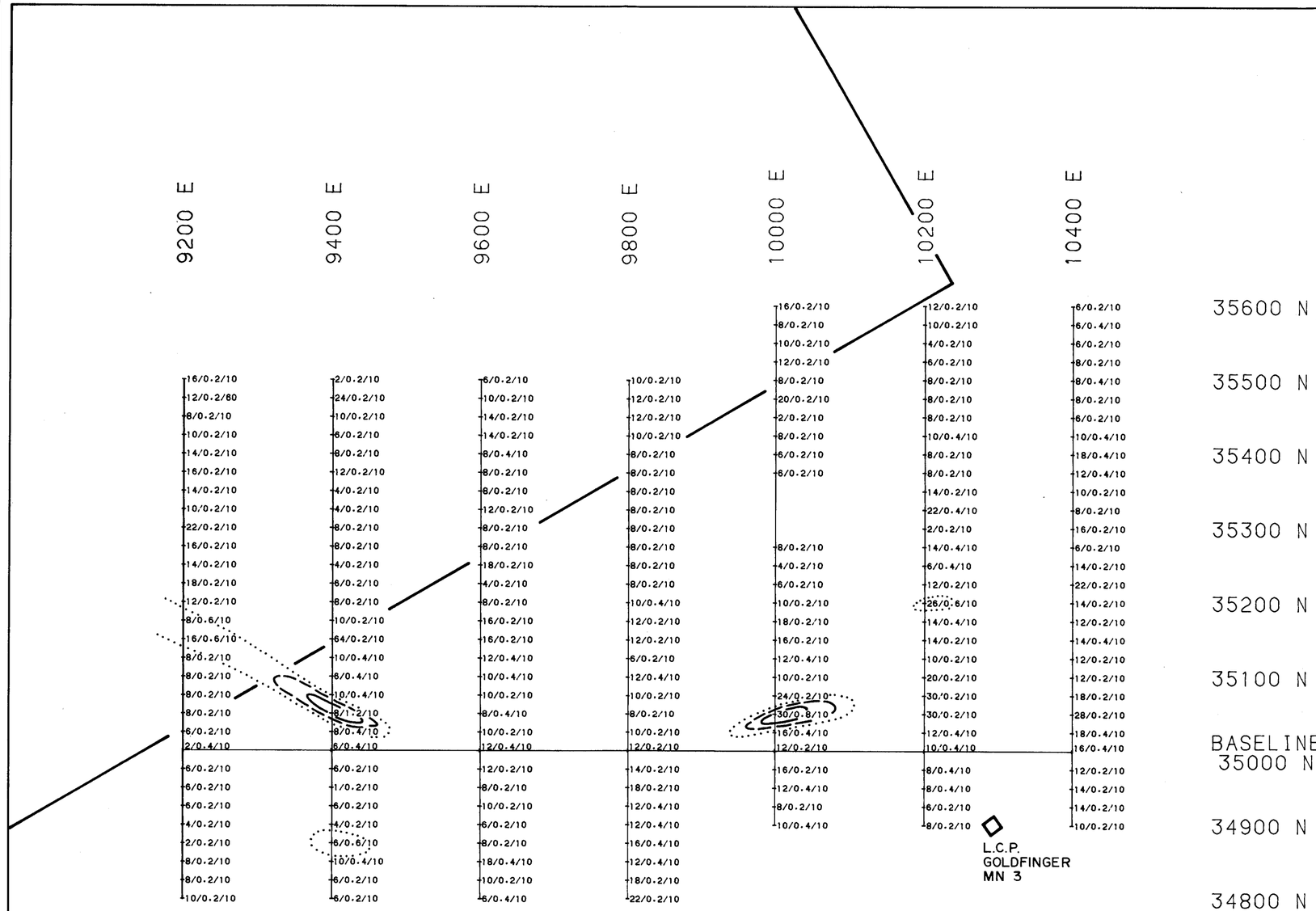
DWG. NO. 9

SURVEY BY: G.S. DATE: JAN.14.1986.

DRAWN BY: EDP/VAN SCALE: 1:5000

NORANDA EXPLORATION

OFFICE: VANCOUVER



LEGEND

- L.C.P. - MN 2
- Threshold 0.50 – 0.65 ppm
- Anomalous 0.65 – 0.75 ppm
- Very Anomalous > 0.75 ppm
- 4/0.2/10 Geochem. Values Pb, Ag in ppm; Au in ppb

ADAMS PLATEAU - FAR GRID

CONTOURED SOIL GEOCHEMISTRY
Ag (ppm)

PROJ. NO. 850410
N.T.S. .....
DWG. NO. 8

SURVEY BY: G.S. DATE: JAN.14.1986.
DRAWN BY: EDP/VAN SCALE: 1:5000

NORANDA EXPLORATION
OFFICE: VANCOUVER

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

Instrument : SE88
Coil Spacing : 100m
Ref. Frequency : 112 Hz
Vertical Scale : 1 cm = 20%
Conductor Axis :
337 Hz
1012 Hz
3037 Hz
100m 50m 0m 100m 200m

FAR

SE-88 SURVEY

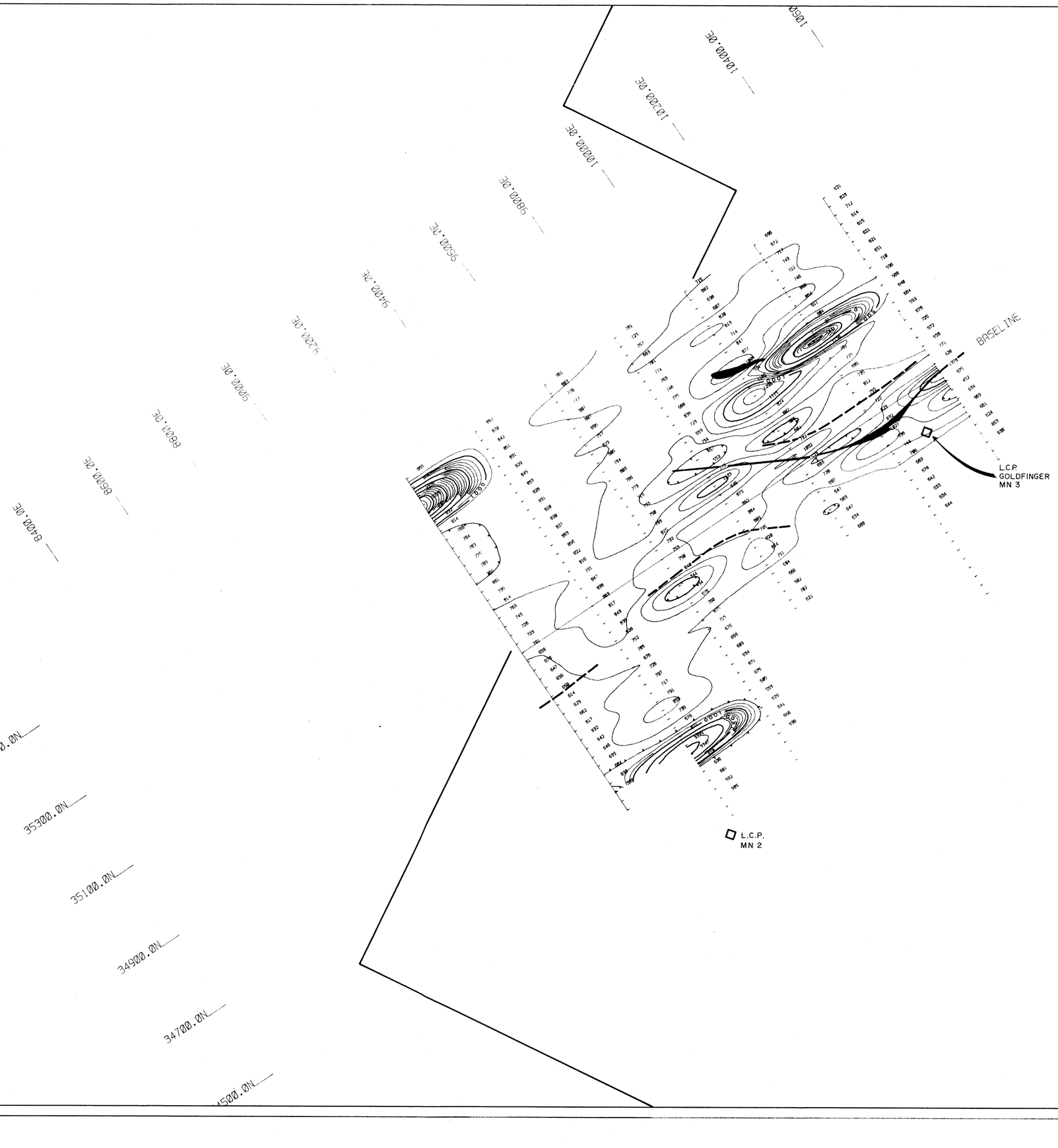
PROJECT: ADAMS PLATEAU PROJECT # : 0410
BASELINE AZIMUTH : 146 Deg.

SCALE = 1: 5000 DATE : 8/17/85
SURVEY BY: RS NTS :
FILE: S0410FAR.ZAT
NORANDA EXPLORATION No. 10

Vers. 2.81

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410



Instrument : UNIMAG

Datum : 57000.0 nT

Contour Interval : 100

Conductor Axis :

100m 50m 0m 100m 200m

FAR

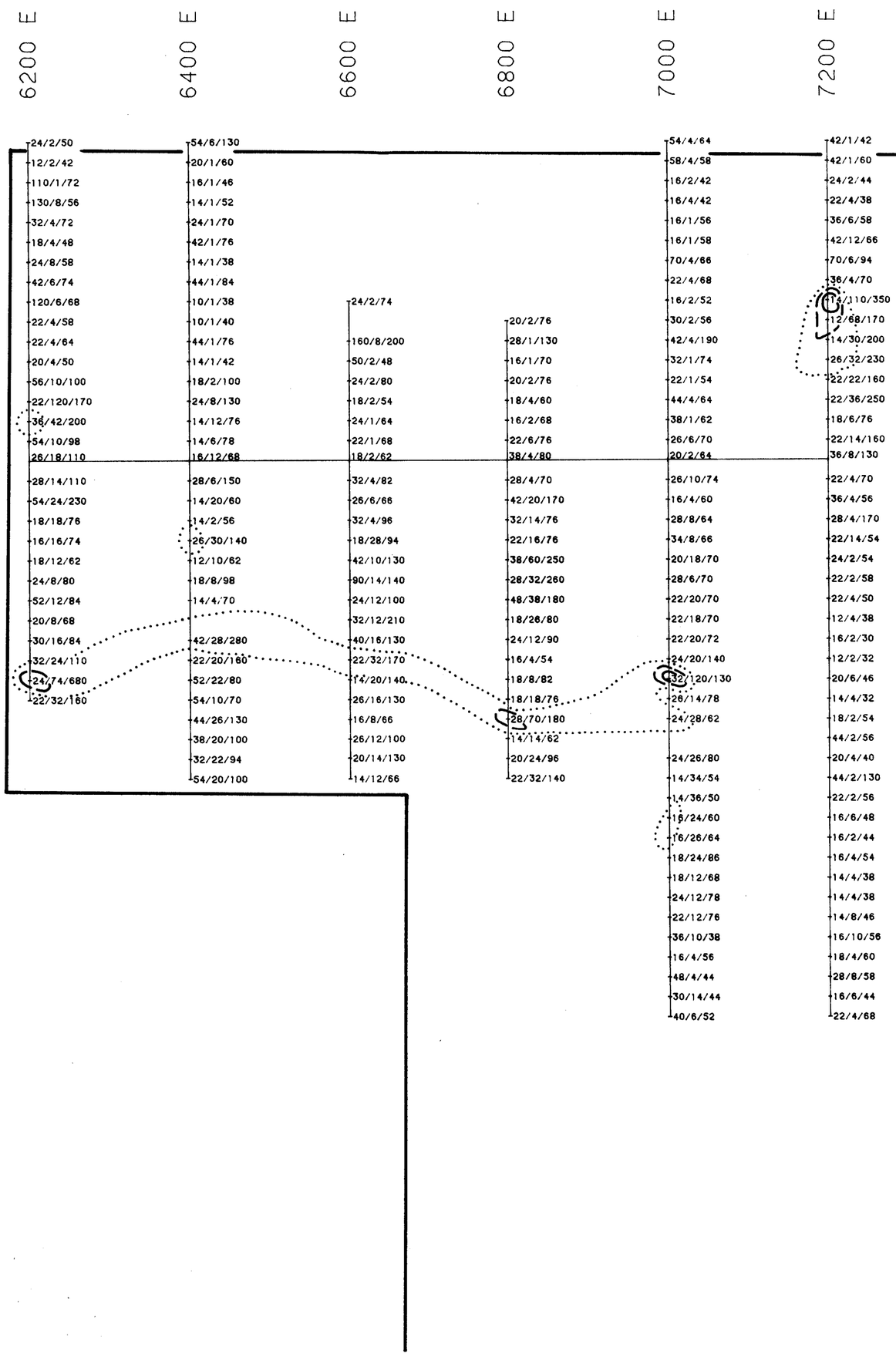
MAGNETOMETER SURVEY

PROJECT: ADAMS PLATEAU PROJECT # : 0410
BASELINE AZIMUTH : 146 Deg.

SCALE = 1: 5000 DATE : 8/23/85
SURVEY BY: RS NTS :
FILE: M0410FAR.ZAT
NORANDA EXPLORATION

No. 11

Vers. 1.41



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

LEGEND

Threshold 25 – 50 ppm

Anomalous 50 – 100 ppm

Very Anomalous > 100 ppm

22/4/68 Geochem. Values Cu, Zn, Pb in ppm

ADAMS PLATEAU - PISIMA GRID

CONTOURED SOIL GEOCHEMISTRY
Pb (ppm)

PROJ. NO. 850410

N.T.S.

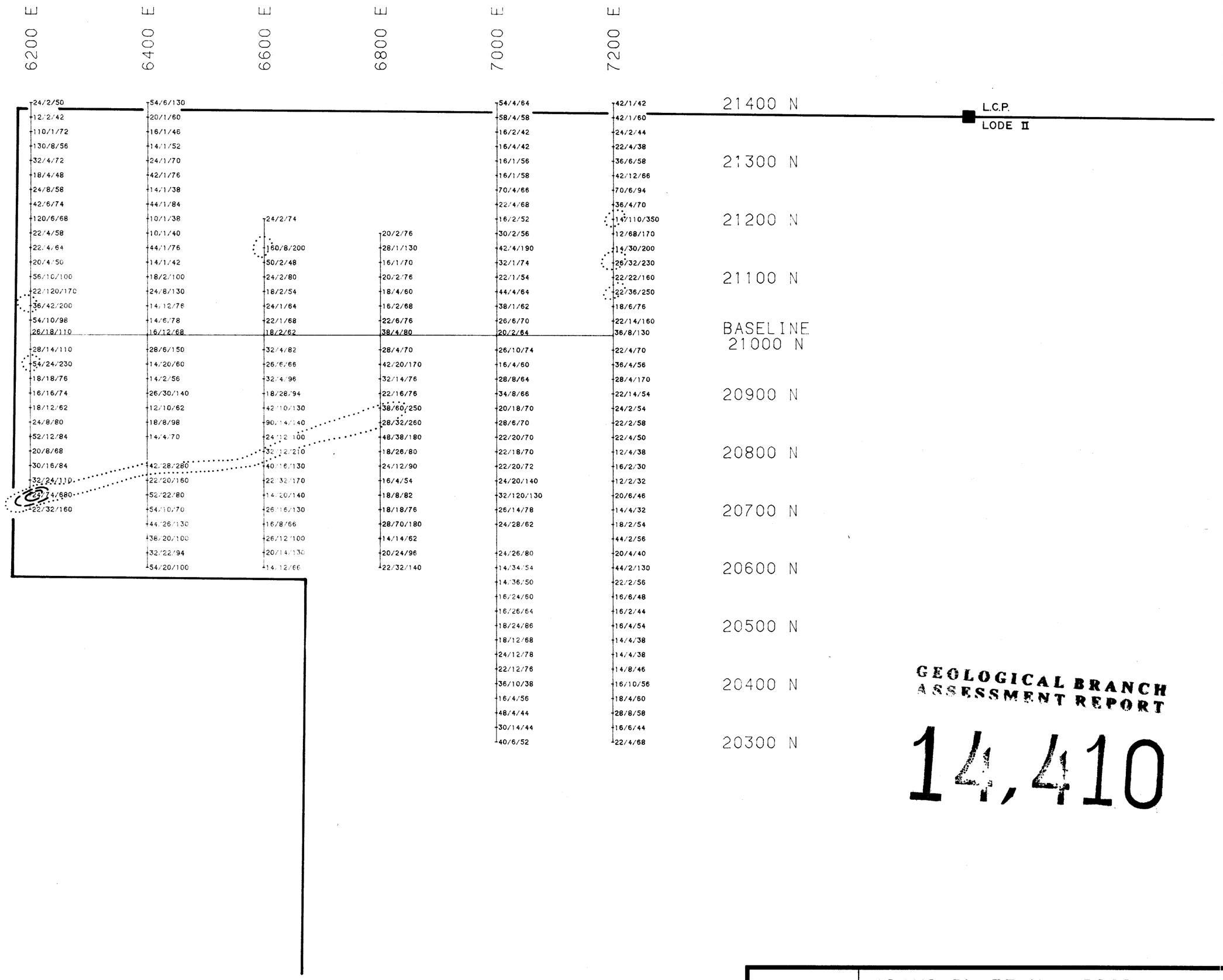
DWG. NO. 13

SURVEY BY: G.S. DATE: JAN.14.1986.

DRAWN BY: EDP/VAN SCALE: 1:5000

NORANDA EXPLORATION

OFFICE: VANCOUVER



LEGEND

- Threshold 200 – 400 ppm
- Anomalous 401 – 600 ppm
- Very Anomalous >600 ppm
- ├ 22/4/68 Geochem. Values Cu , Zn , Pb in ppm

ADAMS PLATEAU - PISIMA GRID

CONTOURED SOIL GEOCHEMISTRY
Zn (ppm)

PROJ. NO. 850410
N.T.S. .....
DWG. NO. 12

SURVEY BY: G.S. DATE: JAN.14.1986.
DRAWN BY: EDP/VAN SCALE: 1:5000

NORANDA EXPLORATION
OFFICE: VANCOUVER

6200E 6400E 6600E 6800E 7000E 7200E

21500N
21400N
21300N
21200N
21100N
21000N
20900N
20800N
20700N
20600N
20500N
20400N
20300N
20200N
20100N
20000N

BASELINE

Instrument : SE88
Coil Spacing : 100m
Ref. Frequency : 112 Hz
Vertical Scale : 1 cm = 20%
Conductor Axis :
337 Hz
1012 Hz
3037 Hz

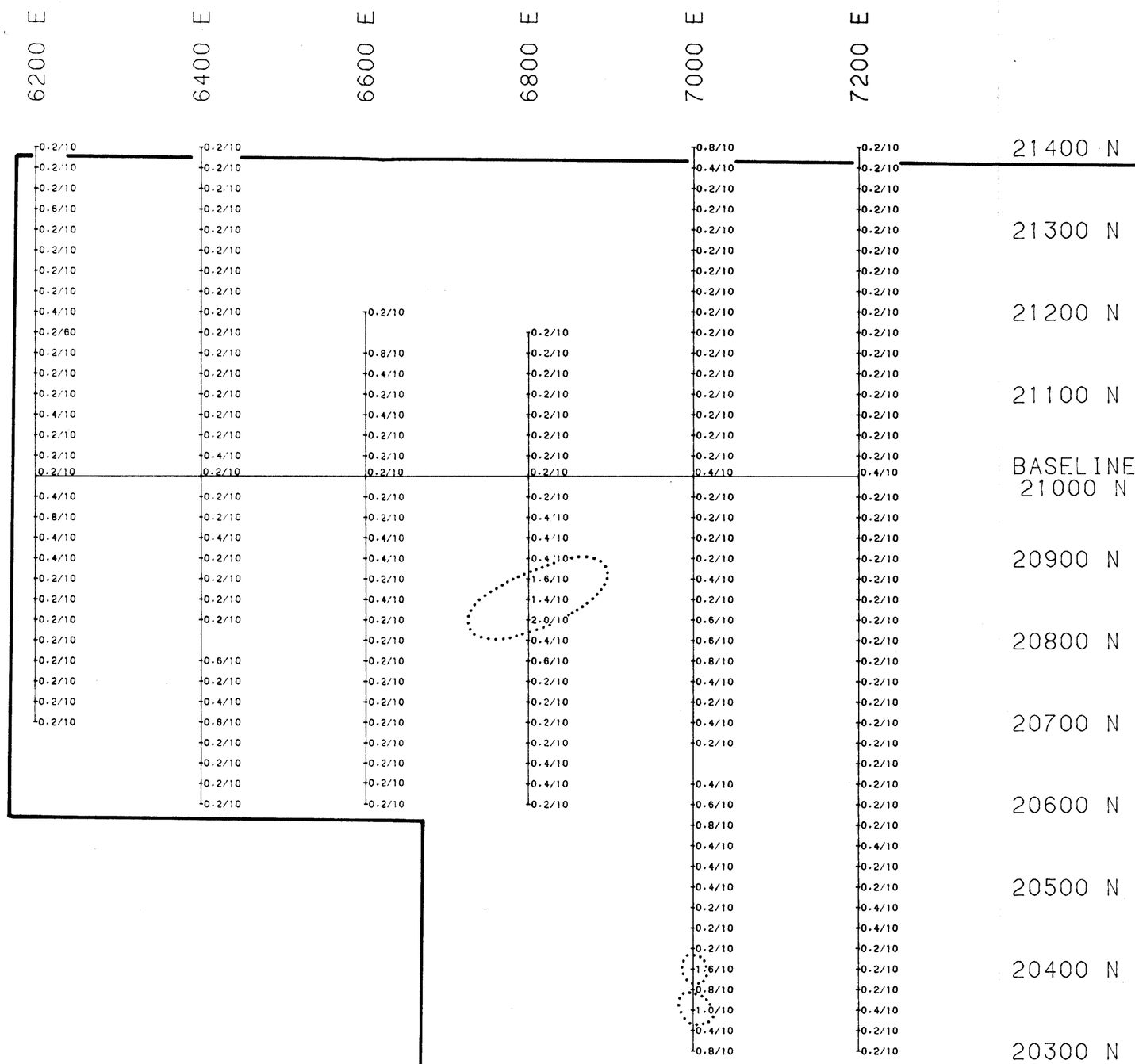
50m 25m 0m 50m 100m

PISIMA GRID

SE-88 SURVEY

PROJECT: ADAMS PLATEAU PROJECT # : 410
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 2500 DATE : 8/24/85
SURVEY BY: RS/DJ NTS :
FILE: S410PIS.ZAT
NORANDA EXPLORATION No.15



LEGEND

Threshold Ag – 1.0 – 2.0 ppm

0.2/10 Geochem. Values Ag in ppm; Au in ppb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

ADAMS PLATEAU - PISIMA GRID

CONTOURED SOIL GEOCHEMISTRY
Ag (ppm)

PROJ. NO. 850410

N.T.S. .....

DWG. NO. 14

SURVEY BY: G.S. DATE: JAN.14.1986.

DRAWN BY: EDP/VAN SCALE: 1:5000

NORANDA EXPLORATION

OFFICE: VANCOUVER

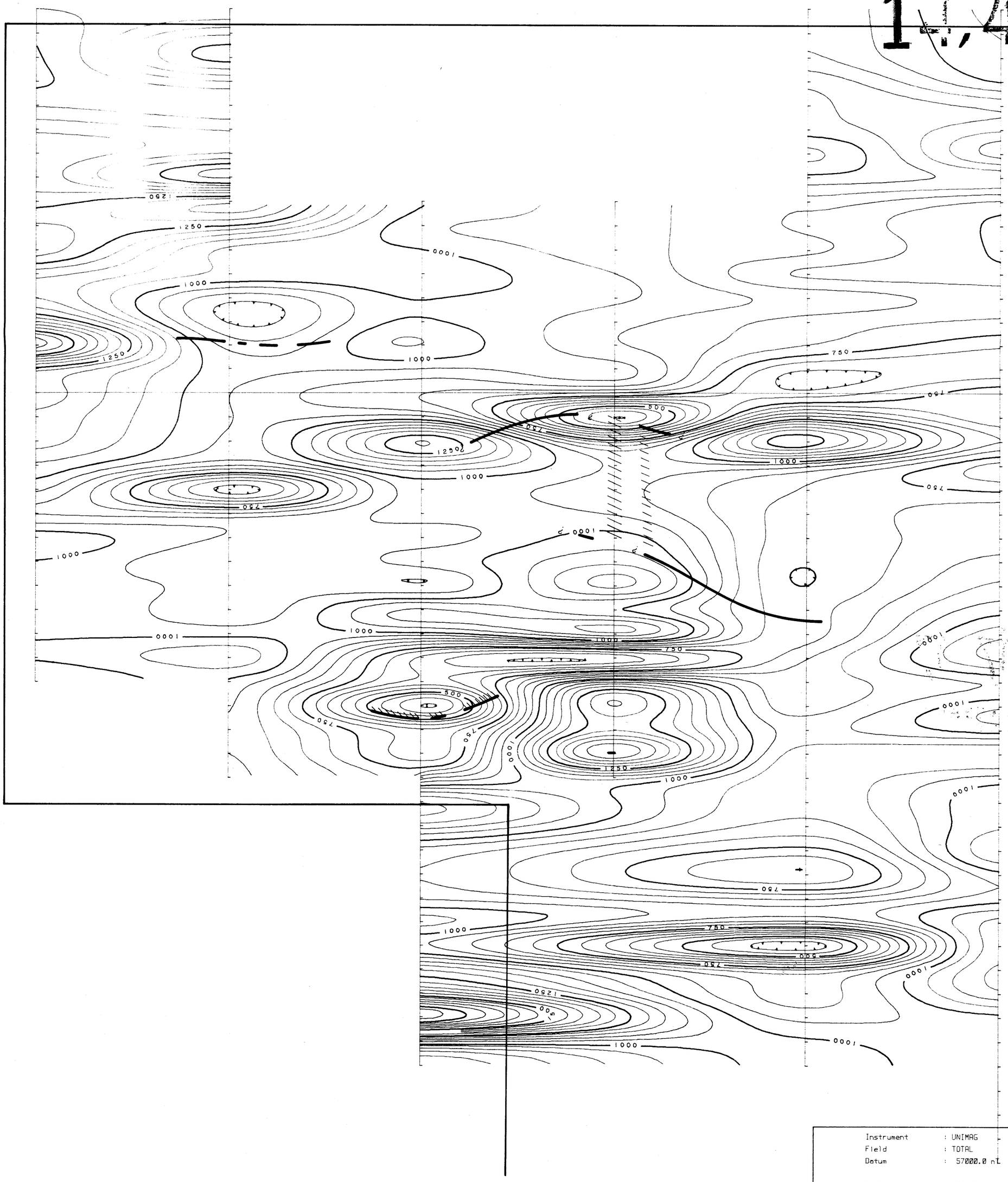
GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,410

6200E 6400E 6600E 6800E 7000E 7200E

21300N
21200N
21100N
21000N
20900N
20800N
20700N
20600N
20500N
20400N
20300N
20200N
20100N
20000N

BASELINE



Instrument : UNIMAG
Field : TOTAL
Datum : 57000.0 nT

Contour Interval : 50 nT
(0 passes through a 9 pt. Hanning Filter.)
(0 passes through a 3 pt. Hanning Filter.)

Conductor Axis :

50m 25m 0m 50m 100m

PISIMA GRID

MAGNETOMETER SURVEY

(FILTERED CONTOUR PRESENTATION)

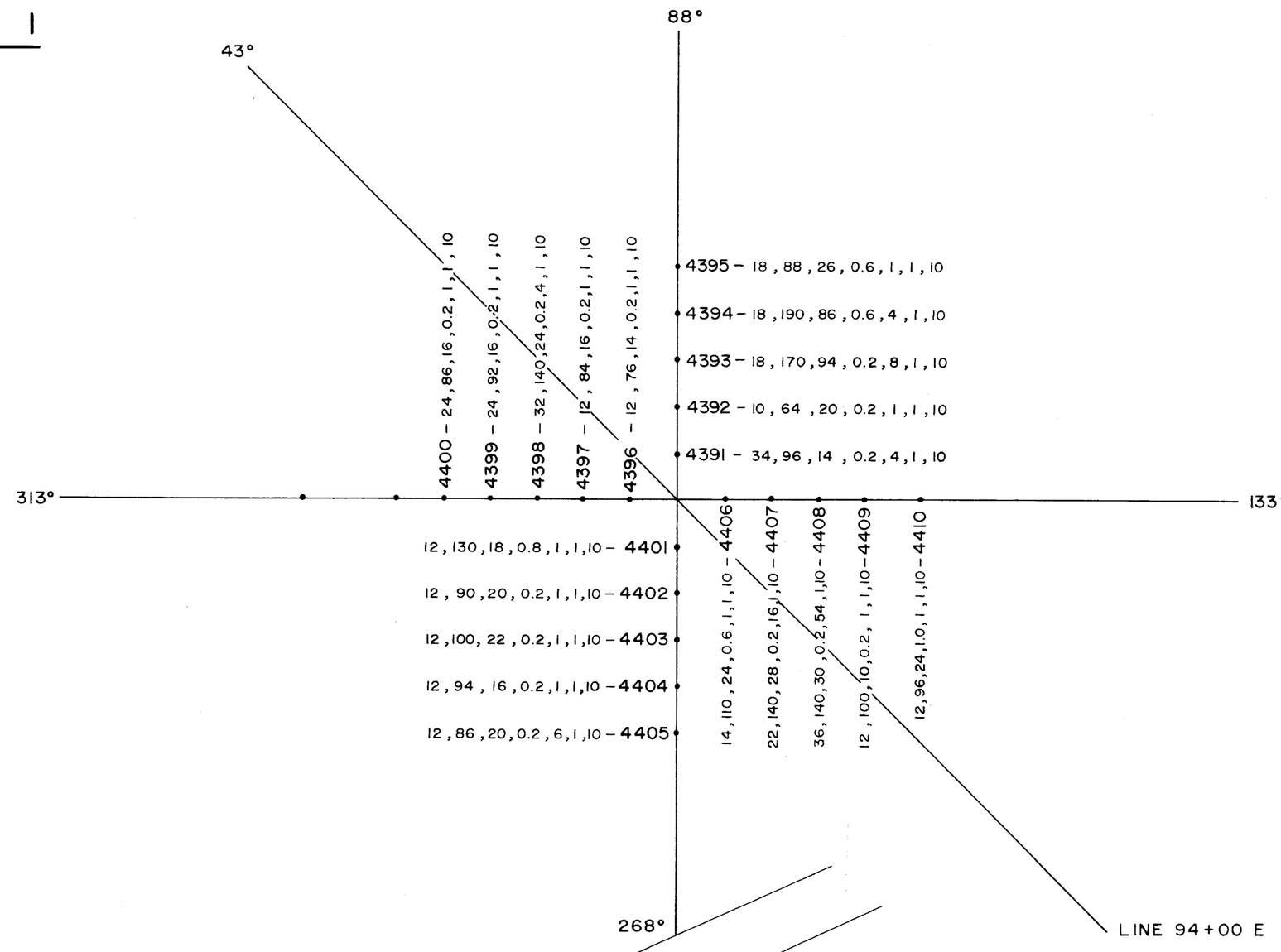
PROJECT: ADAMS PLATEAU PROJECT # : 410
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 2500 DATE : 9/ 3/85
SURVEY BY: RS/DJ NTS :
FILE: M410PIS.ZAT
NORANDA EXPLORATION

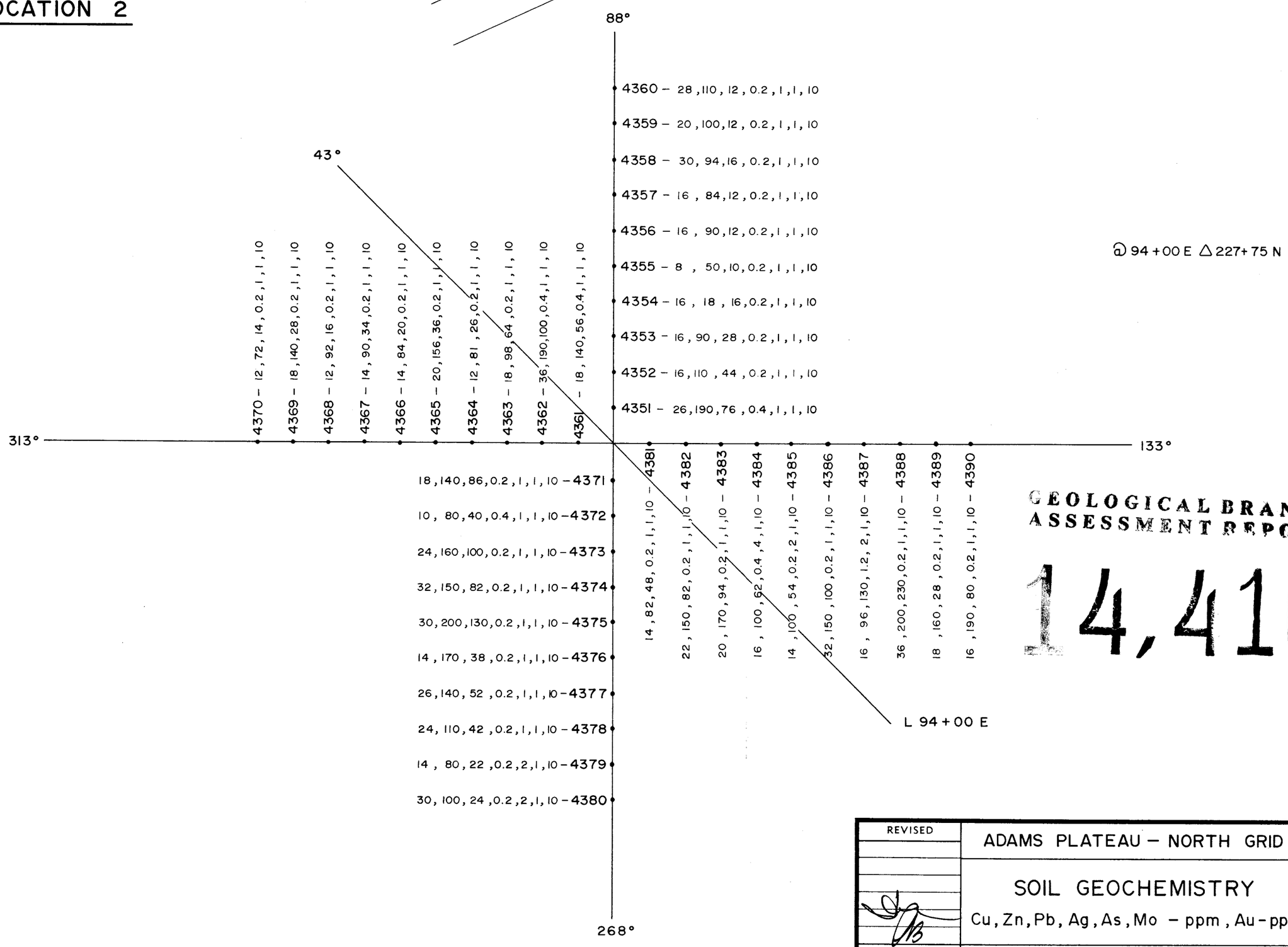
No. 16

VANCAL 11918

LOCATION 1

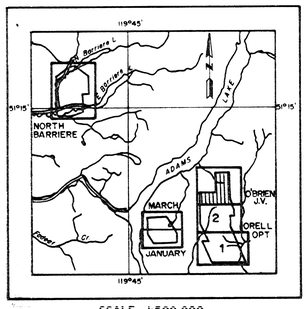


LOCATION 2

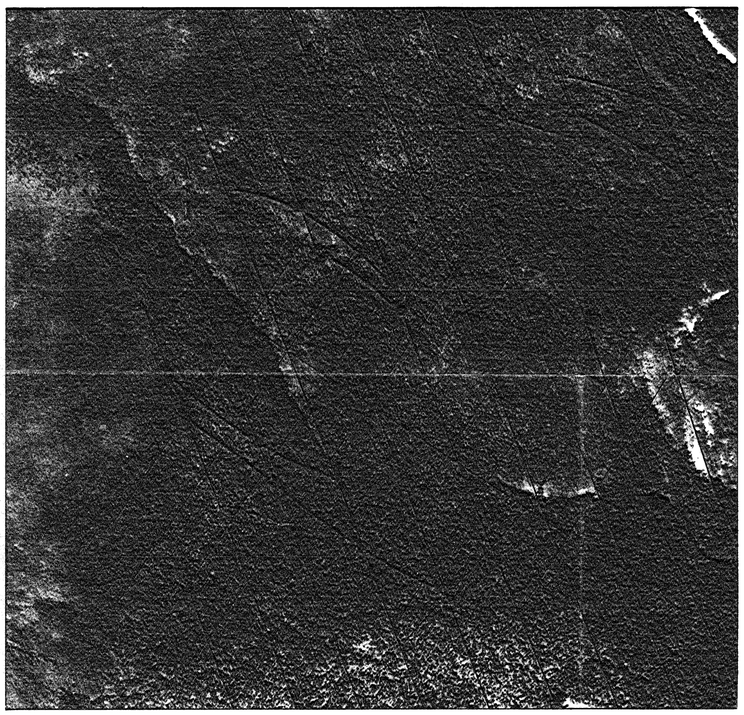


REVISED	ADAMS PLATEAU – NORTH GRID
	SOIL GEOCHEMISTRY Cu, Zn, Pb, Ag, As, Mo – ppm, Au – ppb
PROJ. No. 410	SURVEY BY: K.C. DATE: 28.07.1985
N.T.S.	DRAWN BY: J. Serwin SCALE: 1:500
DWG. No. 17	NORANDA EXPLORATION OFFICE: VANCOUVER

LOCATION MAP



SCALE 1:500,000



DIDGEM AIRBORN
O'BRIEN J.V. AREA
Scale: 1:10,000

L. 92 00 E
L. 94 00 E
L. 96 00 E
L. 98 00 E
L. 100 00 E
L. 102 00 E
L. 104 00 E
L. 106 00 E
L. 108 00 E

L.C.P
MN 2

MN 3 L.C.P
GOLDFINGER

GOLDFLAKE

24600 N
24500 N
24400 N
24300 N
24200 N
24100 N
24000 N
23900 N
23800 N
23700 N
23600 N
23500 N
23400 N
23300 N
23200 N
23100 N
23000 N
22900 N
22800 N
22700 N
22600 N
22500 N
22400 N

LEGEND

Threshold 150 – 190 ppm
Anomalous 190 – 225 ppm
Very Anomalous > 225
20/8/62 Geochem. Values Cu, Pb, Zn (in ppm)

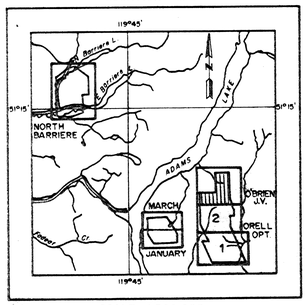
Scale (Metres) 100 50 0 100 200 300 400

GEOLOGICAL BRANCH
ASSESSMENT REPORT

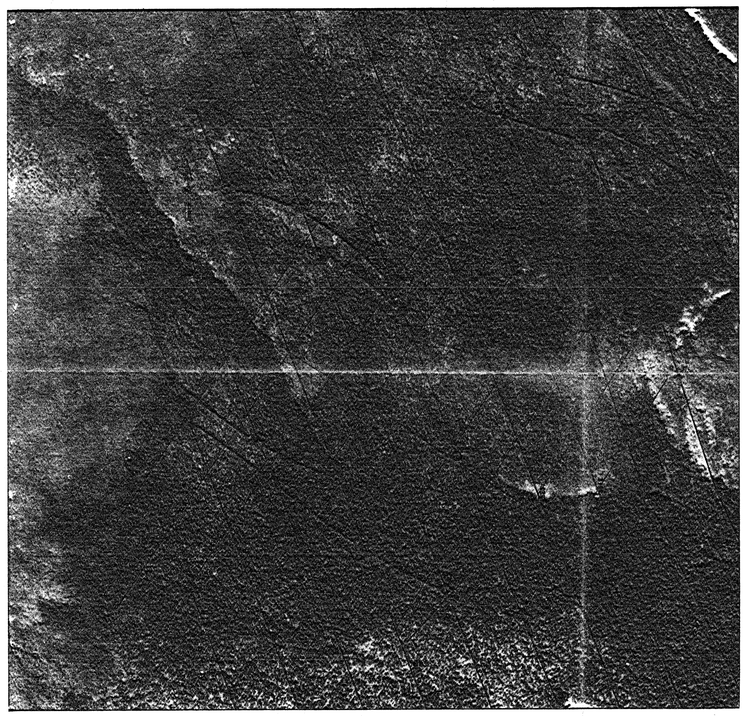
14,410

REVISED	O'BRIEN JOINT VENTURE
	NORTH GRID
	CONTOURED SOIL GEOCHEMISTRY Zn (ppm)
PROJ. No. 410	SURVEY BY: L. D. DATE: Nov./84
N.T.S. 82 M./4,5	DRAWN BY: (traced) - W.M.R., J.S. SCALE: 1:5000
DWG. No. 18	NORANDA EXPLORATION
	OFFICE: Vancouver

LOCATION MAP

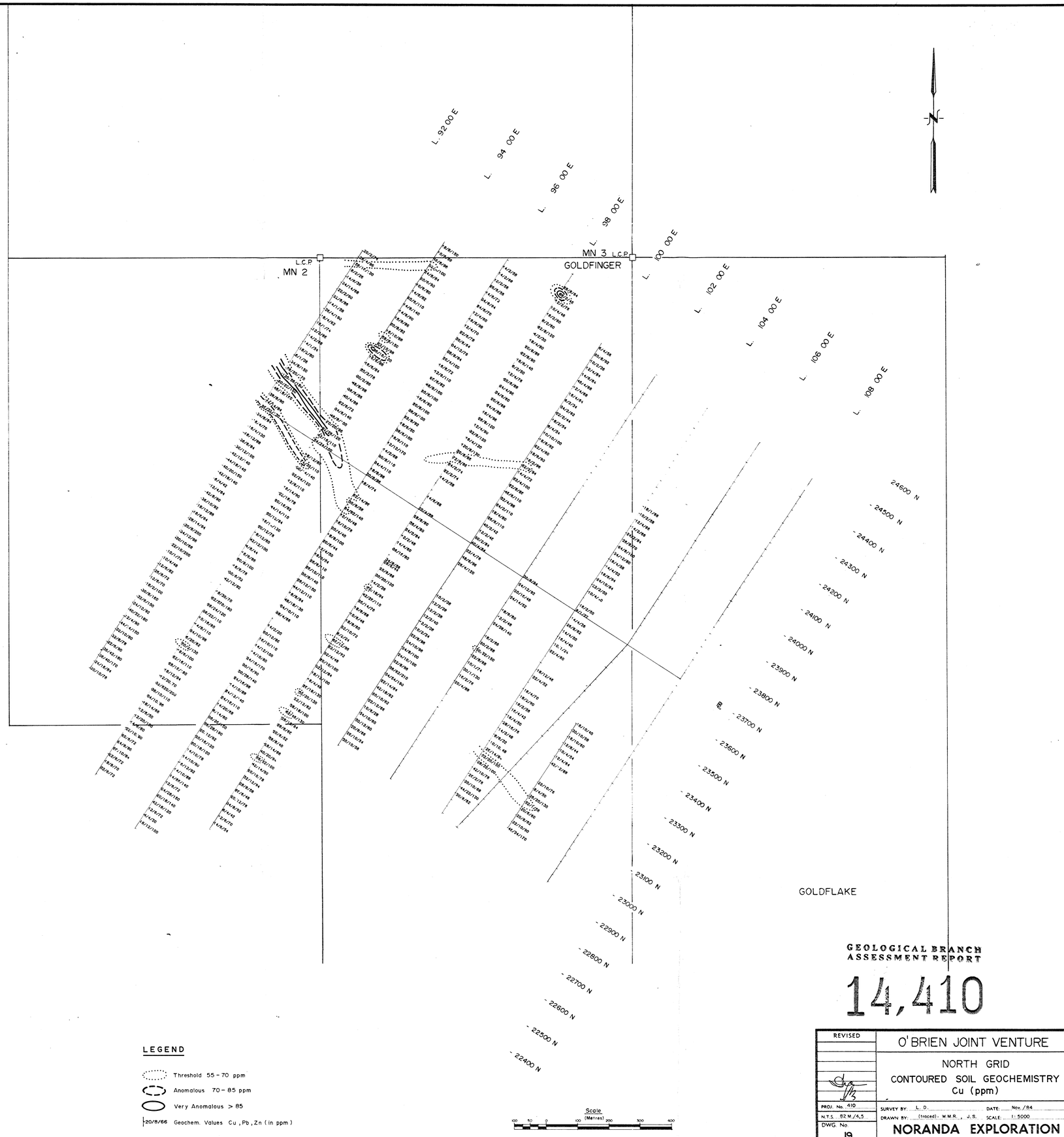


SCALE 1:500,000



DIDGEM AIRBORN
O'BRIEN J.V. AREA

Scale: 1:10,000



LEGEND

Threshold 55 – 70 ppm

Anomalous 70 – 85 ppm

Very Anomalous > 85

20/8/66 Geochem. Values Cu, Pb, Zn (in ppm)

Scale (Metres) 100 50 0 100 200 300 400

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

REVISED	O'BRIEN JOINT VENTURE
	NORTH GRID
	CONTOURED SOIL GEOCHEMISTRY
	Cu (ppm)
PROJ. No. 410	SURVEY BY: L. D. DATE: Nov./84
N.T.S. 82 M/4,5	DRAWN BY: (traced) - W.M.R., J.S. SCALE: 1:5000
DWG. No. 19	NORANDA EXPLORATION
	OFFICE: Vancouver

Pisima Mountain

LCP
LODE II

LCP
GOLDFLAKE

LCP
GOLDPAN MN 1

LCP
LODE III

Gilfrid Lake

4500
5000
5500
6000

GEOCHEMISTRY RESULTS:

SAMPLE No.	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ag (ppm)	As (ppm)	Mo (ppm)	Au (ppb)
57430	16	150	10	0.2	8	2	50
57431	68	230	2	0.4	2	2	10
57432	88	120	2	0.2	2	2	10
57433	38	160	60	0.8	2	2	10
57434	30	60	90	0.2	2	2	10
75826	116	66	10	0.2	6	1	10
75827	40	56	20	0.2	2	3	10
75828	18	820	620	0.2	2	1	10
75829	96	246	46	0.2	4	1	10
75830	62	132	28	0.2	4	1	10

PISIMA CLAIM GROUP
MOSQUITO KING CLAIM GROUP

LEGEND

- 6 — Quartzite – Greyish White, Mosaic Texture, Very Massive, 2% Pyrite Mineralization
- 5 — Graphitic Argillite; Black Foliated, Very Soft and Greasy
- 4 — Sericite – Quartz Schist, White Silvery to Green and Grey Mica Schist, with Porphyroblastic Fabric
- 3 — Limestone – White to Grey, Very Massive
- 2 — Dacite – Grey Very Fine Grained Massive 2–5% Pyrite Mineralization
- lb — Greenschist – Greenish–Very Schistose
- la — Andesitic Tuff – Greenish, Very Fine Grained and Foliated with Pyrite, Magnetite, Pyrrhotite Mineralization
- 1 — Andesite – Greenish–Grey Very Fine Graind, Massive Structure Fluidal Forms Pyrite and to 10% Magnetite Mineralization
- Outcrop
- Bedding
- Foliation
- Contact
- Contact (Assumed)
- Fault
- ?~~~? Fault (Assumed)

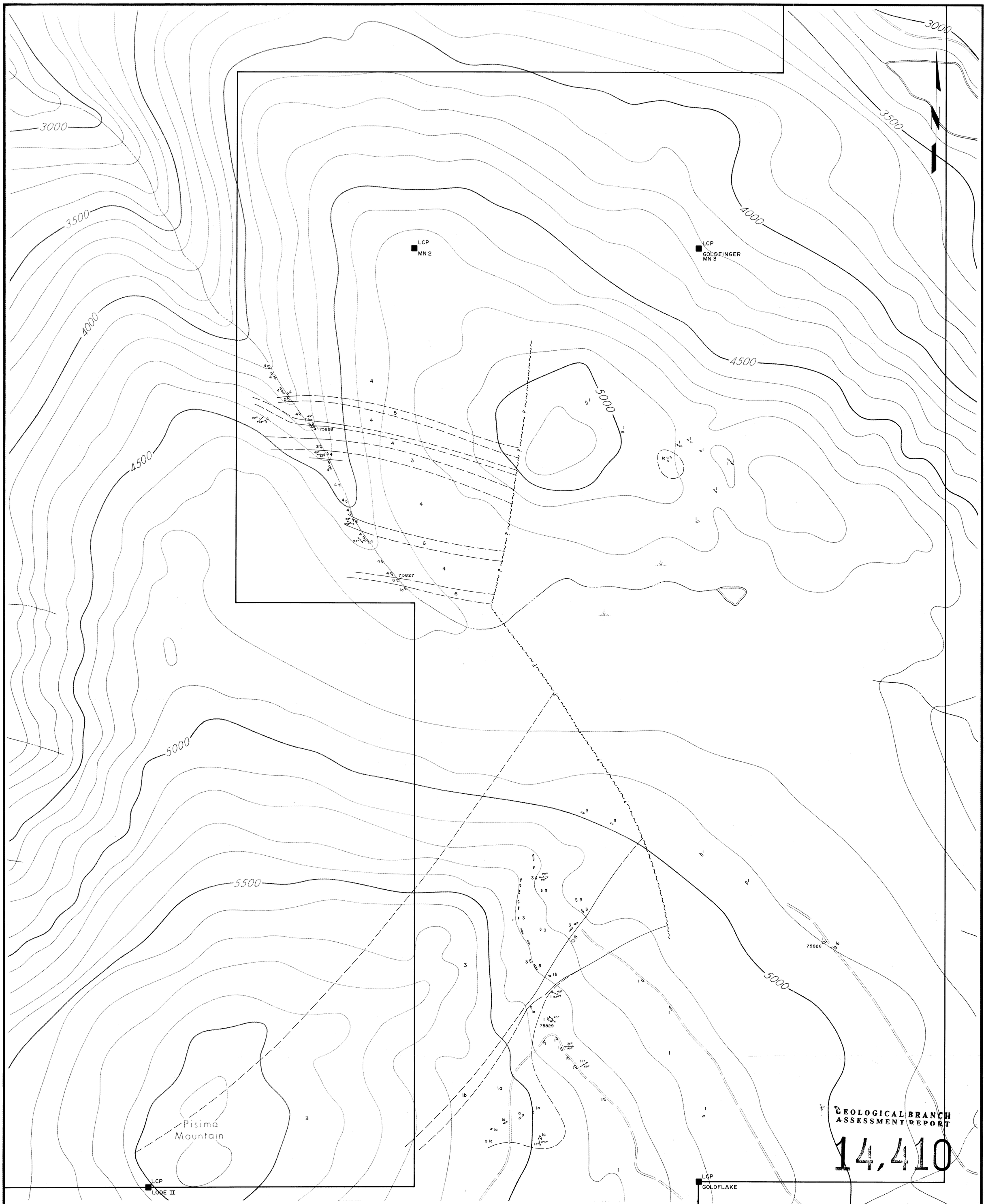
GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

SCALE
1:5000

Metres 100 0 100 200 300 400 500 Metres

REVISED	O'BRIEN J.V.
	PISIMA CLAIM GROUP
	South Sheet
	GEOLOGY
	N.T.S. 82L/13-14 & 82M/3-4
PROJ. No. 410	SURVEY BY: L. Demczuk DATE: August /85
N.T.S. —	DRAWN BY: J.Serwin SCALE: 1:5000
DWG. No. 2	NORANDA EXPLORATION
	OFFICE: Vancouver



GEOCHEMISTRY RESULTS:

SAMPLE No.	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ag (ppm)	As (ppm)	Mo (ppm)	Au (ppb)
57430	16	150	10	0.2	8	2	50
57431	68	230	2	0.4	2	2	10
57432	88	120	2	0.2	2	2	10
57433	38	160	60	0.8	2	2	10
57434	30	60	90	0.2	2	2	10
75826	116	66	10	0.2	6	1	10
75827	40	56	20	0.2	2	3	10
75828	18	820	620	0.2	2	1	10
75829	96	246	46	0.2	4	1	10
75830	62	132	28	0.2	4	1	10

LEGEND

- 6 — Quartzite – Greyish White, Mosaic Texture, Very Massive, 2% Pyrite Mineralization
- 5 — Graphitic Argillite; Black Foliated, Very Soft and Greasy
- 4 — Sericite – Quartz Schist, White Silvery to Green and Grey Mica Schist, with Porphyroblastic Fabric
- 3 — Limestone – White to Grey, Very Massive
- 2 — Dacite – Grey Very Fine Grained Massive 2–5% Pyrite Mineralization
- 1b — Greenschist – Greenish–Very Schistose
- 1a — Andesitic Tuff – Greenish, Very Fine Grained and Foliated with Pyrite, Magnetite, Pyrrhotite Mineralization
- 1 — Andesite – Greenish–Grey Very Fine Graind, Massive Structure Fluidal Forms Pyrite and to 10% Magnetite Mineralization
- Outcrop
- 20° — Bedding
- Foliation
- Contact
- Contact (Assumed)
- ~~~ Fault
- ?~~~? Fault (Assumed)

SCALE
1: 5000

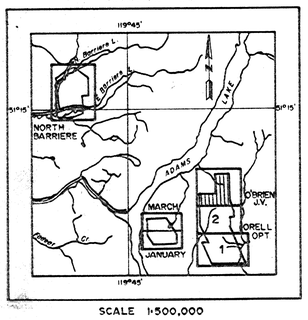
Metres 100 0 100 200 300 400 500 Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

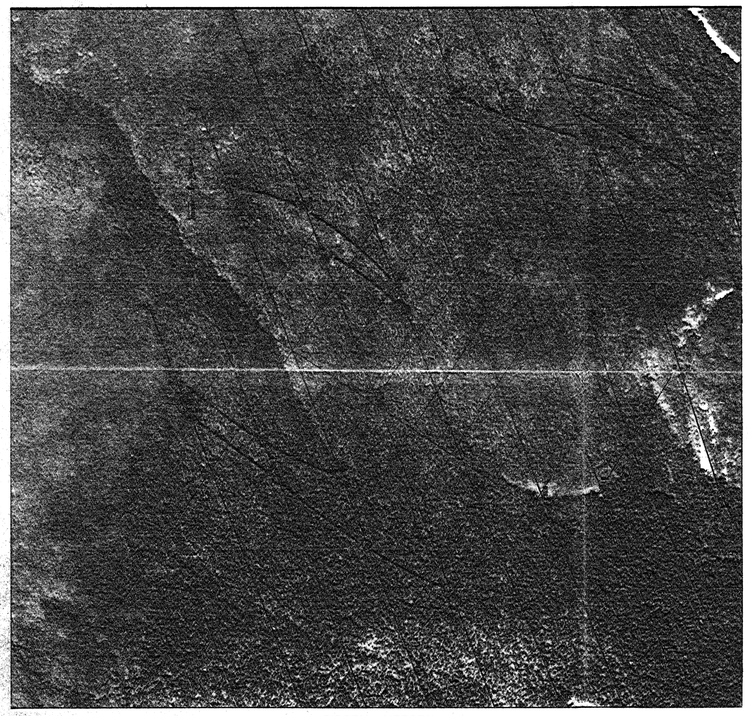
14,410

REVISED	O'BRIEN J.V.
	PISIMA CLAIM GROUP
	North Sheet
	GEOLOGY
	N.T.S. 82L/13·14 & 82M/3·4
PROJ. No. 410	SURVEY BY: L. Demczuk DATE: August /85
N.T.S. –	DRAWN BY: J.Serwin SCALE: 1:5000
DWG. No. 1	NORANDA EXPLORATION
	OFFICE: Vancouver

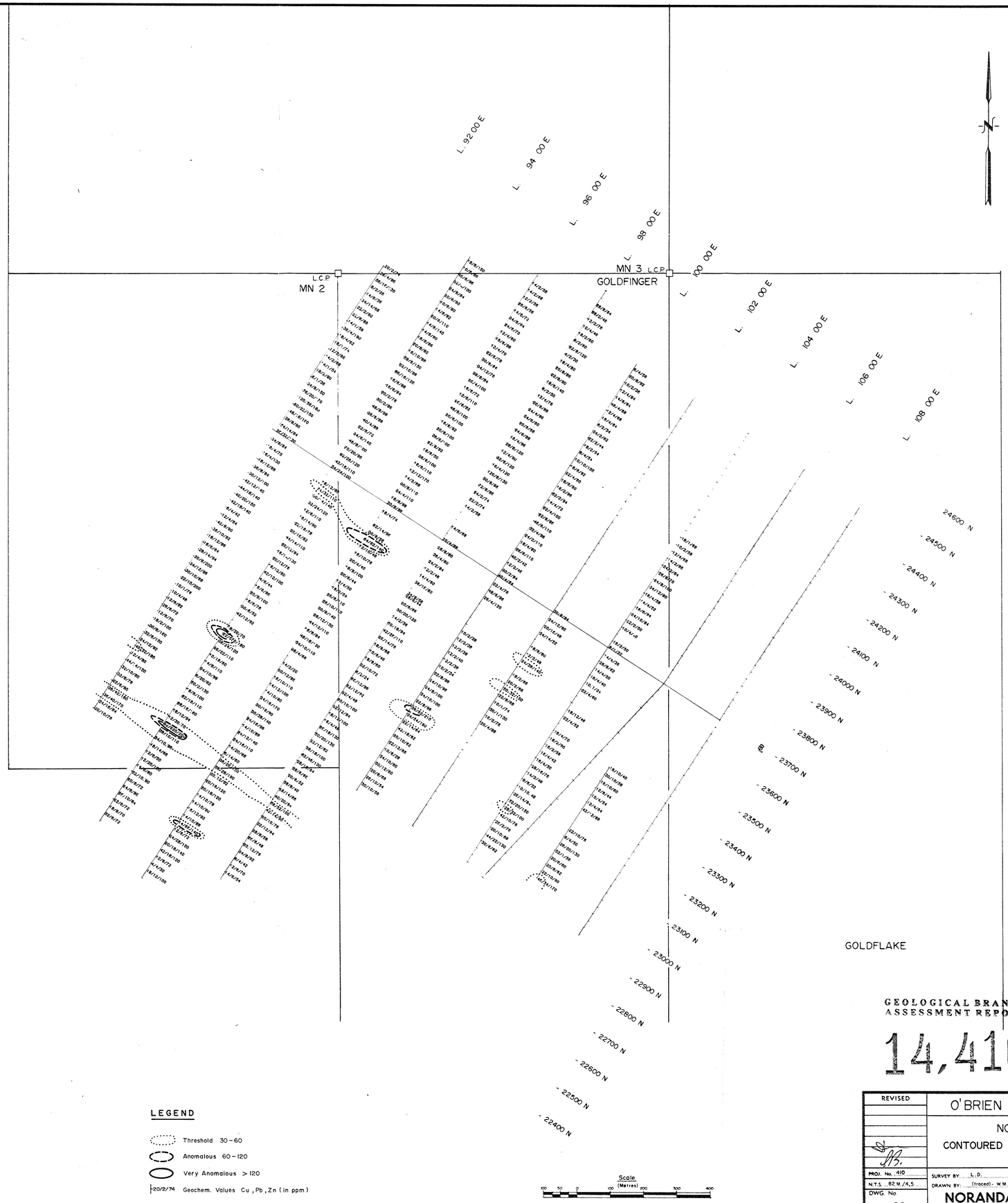
LOCATION MAP



SCALE 1:500,000



DIDGEM AIRBORN
O'BRIEN J.V. AREA
Scale: 1:10,000



LEGEND

Threshold 30-60

Anomalous 60-120

Very Anomalous > 120

20/2/74 Geochem. Values Cu, Pb, Zn (in ppm)

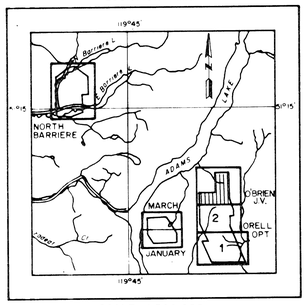
Scale (Metres) 100 50 0 100 200 300 400

GEOLOGICAL BRANCH
ASSESSMENT REPORT

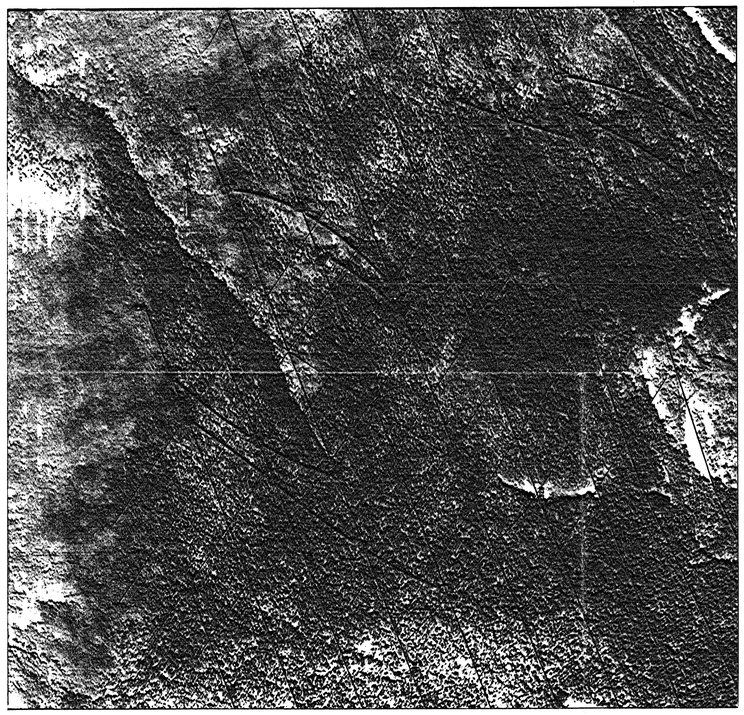
14,410

REVISED	O'BRIEN JOINT VENTURE
	NORTH GRID
	CONTOURED SOIL GEOCHEMISTRY Pb (ppm)
PROJ. No. 410	SURVEY BY: L.D. DATE: Nov./84
N.T.S. 82 M/4,5	DRAWN BY: (traced) W.M.R., J.S. SCALE: 1:5000
DWG. No 20	NORANDA EXPLORATION OFFICE: Vancouver

LOCATION MAP



SCALE 1:500,000



DIDGEM AIRBORN
O'BRIEN J.V. AREA
Scale: 1:10,000

L 92 00 E
L 94 00 E
L 96 00 E
L 98 00 E
L 100 00 E
L 102 00 E
L 104 00 E
L 106 00 E
L 108 00 E

LCP
MN 2

MN 3 LCP
GOLDFINGER

24700 N
24500 N
24400 N
24300 N
24200 N
24100 N
24000 N
23900 N
23800 N
23700 N
23600 N
23500 N
23400 N
23300 N
23200 N
23100 N
23000 N
22900 N
22800 N
22700 N
22600 N
22500 N
22400 N

GOLDFLAKE

LEGEND

Threshold 0.50 – 0.65 ppm
Anomalous 0.65 – 0.80 ppm
Very Anomalous > 0.80
0.2/NA Geochem. Values Ag (ppm) / Au (ppb) – [N.A.- No Analysis]

Scale (Metres) 100 50 0 100 200 300 400

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,410

REVISED:	O'BRIEN JOINT VENTURE
	NORTH GRID
	CONTOURED SOIL GEOCHEMISTRY Ag (ppm)
PROJ. No. 410	SURVEY BY: L.D. DATE: Nov./84 / 1985
N.T.S. 82 M/4,5	DRAWN BY: (traced) W.M.R., J.S. SCALE: 1:5000
DWG No 21	NORANDA EXPLORATION
	OFFICE: Vancouver