MAP No.

105 D 6

ASSESSMENT REPORT [X]
PROSPECTUS [ ]
CONFIDENTIAL [X]
OPEN FILE [ ]

DOCUMENT NO.: 091717
MINING DISTRICT: Whitehorse M.D.
TYPE OF WORK: Geochemical

REPORT FILED UNDER: G. Harris

DATE PERFORMED: July, 1986
DATE FILED: June 3, 1987

LOCATION	
LAT.	60° 27' N
LONG.	135° 03' W

AREA: Wheaton River

CLAIM NAME & NO. EYE 1-16 YA92600-615

VALUE $3,200.00	
WORK DONE BY:	G. Davidson
WORK DONE FOR:	G. Harris
DATE TO GOOD STANDING	REMARKS: #117 EVIEW

ASSESSMENT REPORT

EYE 1-16 MINERAL CLAIMS
YA92600 - YA92615
NTS 105-D-6
Latitude 60°27'N, Longitude 135°03'W
Whitehorse Mining District

For:
G. HARRIS
707 Black Street, Whitehorse, Yukon

By:
G. S. DAVIDSON, P.Geol.
June 1987

091717

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 3200.00.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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INTRODUCTION

The EYE claims cover an Ag-Pb-Zn anomaly discovered by Du Pont of Canada during a regional sampling program conducted in 1981. Follow-up geological, geochemical and geophysical surveys have outlined a 1,100 meter long target.

G. Harris of Whitehorse staked the claims in June 1985 and accompanied the writer on several property visits in 1985 and 1986. This report describes the results of exploration work conducted by Noranda Exploration Ltd., G. Harris and the writer in July and August of 1986.

LOCATION AND ACCESS

The claims are located 30 km south of Whitehorse on a broad, flat-topped hill beside Lakeview Mountain in southwestern Yukon.

The property is accessible via the Alaska and Carcross highways and the Wheaton River-Mount Skukum all-season gravel road. A four-wheel-drive road extends off the Wheaton River-Mount Skukum road along the north side of the Watson River to within 3 km of the property; the property can then be reached on foot or by utilizing ATC vehicles.

Figures 1 and 2 show the property location.

PHYSIOGRAPHY, CLIMATE, VEGETATION

The claims lie between 1,500 and 1,100 m, covering a broad hilltop and south-facing slope. Several small creeks drain the hillside and ponds on the upland surface would provide an adequate water source for drilling. Outcrop is limited to the steepest slopes and overall covers <1% of the property.

Southwestern Yukon has a dry sub-arctic climate with temperatures varying between extremes of -50°C in winter and +25°C in summer. Precipitation averages 35 cm per year. Mineral exploration is practical from early June to October.

Vegetation on the claims consists of sub-alpine grasses and "buck brush" on upper areas, while spruce and alder are prevalent on lower slopes.

PROPERTY

The EYE 1-16 mineral claims were recorded in July 1985 in the office of the Whitehorse District Mining Recorder by the owner, G. Harris, of Whitehorse, Yukon. Claim data is presented below and Figure 3 shows the claim plan.

Claim Name	Grant Numbers	Expiry Date (applied for)
EYE 1-16	YA92600 - YA92615	April 4, 1989

Yukon Territory
Area: *478,034 sq. km.*
Population: *25,000*
Capital: *Whitehorse*

Figure 1
Property Location

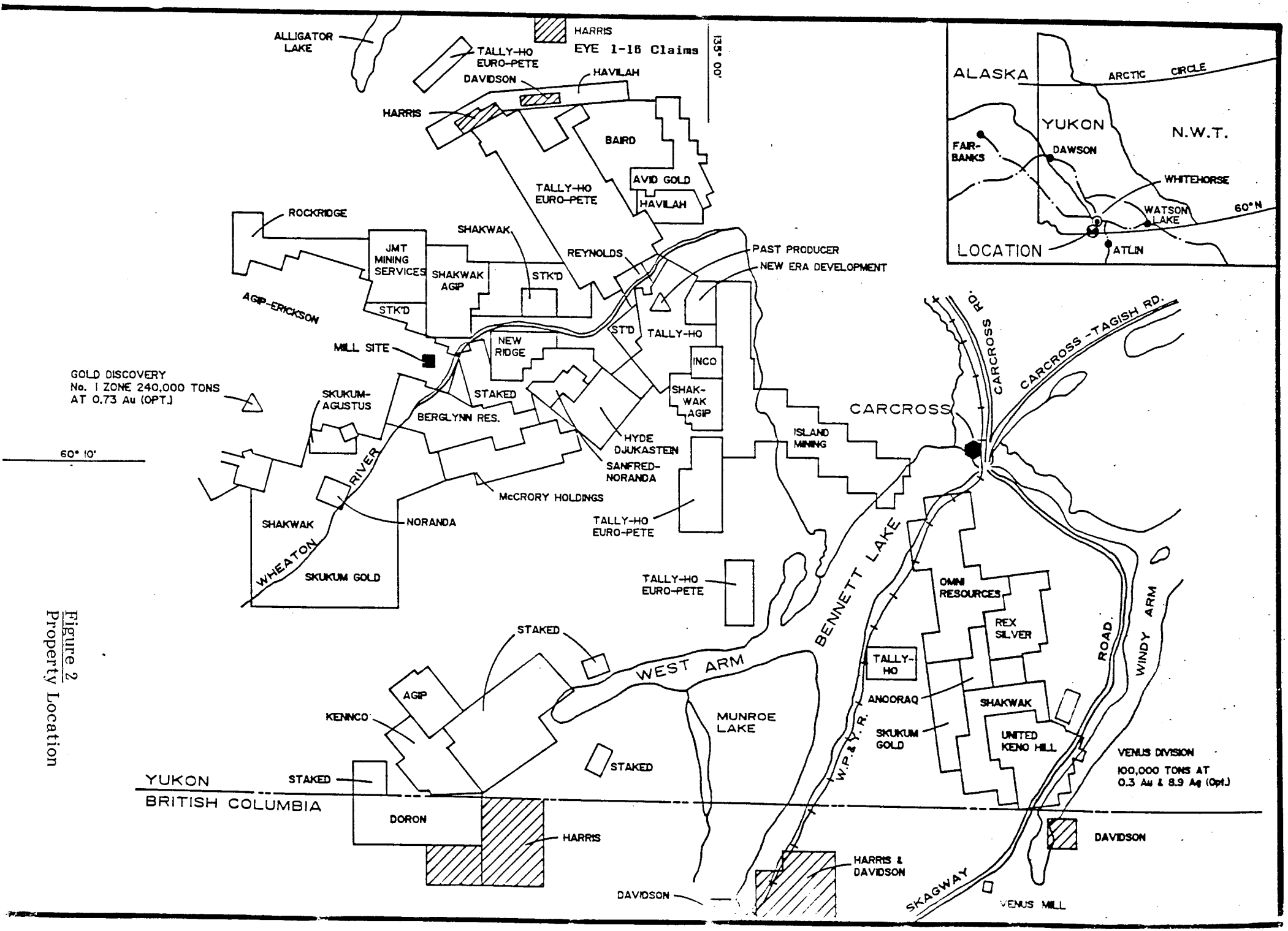
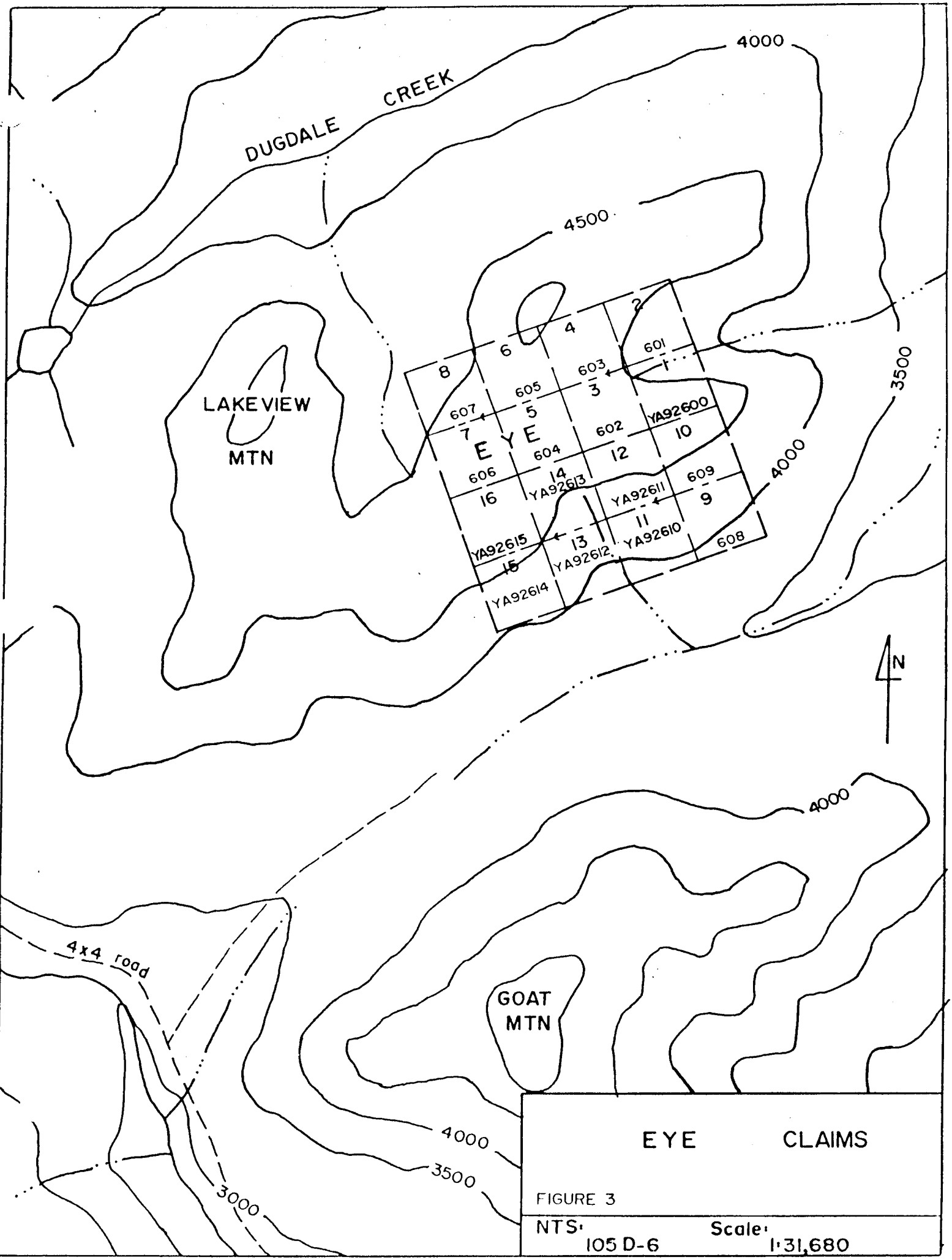


Figure 2
Property Location



EYE CLAIMS

FIGURE 3

NTS: 105 D-6

Scale: 1:31,680

GEOLOGY

The Lakeview Mountain area lies at the boundary between two terranes: (1) the Whitehorse Trough, consisting of Mesozoic and Paleozoic folded metavolcanic and metasedimentary rocks, and (2) a younger volcanic and intrusive suite consisting of the Cretaceous Coast Plutonic Complex and the Late Cretaceous-Early Tertiary Skukum Group.

The EYE claims are underlain by finely bedded black and limy green siltstones of Lower Jurassic Laberge Group, sills of dacite and rhyolite porphyry (Cretaceous Hutshi Group?), and granodiorite of the Coast Plutonic Complex. Sulphide-rich gossan zones are present along contacts between siltstone and volcanic porphyry.

PREVIOUS EXPLORATION

Du Pont of Canada collected the initial anomalous stream sediment sample (206 ppm Pb, 1200 ppm Zn) during a regional sampling program in May 1981. Follow-up work later in the season consisted of 95 soil, 9 rock and 10 stream sediment samples. A broad silver-lead-zinc anomaly was outlined at the head of a small creek, with peak values of 20,000 ppm Pb, 3570 ppm Zn and 12 ppm Ag. The EVIEW 1-16 claims were located over this anomaly by Du Pont in June 1981.

In 1982, 200 additional soil samples were collected and geological mapping determined that the Ag-Pb-Zn soil anomaly related to the contact between siltstones of the Laberge Group and rhyolite of the Hutshi Group. The anomalous zone was identified over a 1,100 meter length with widths from 100 to 300 meters. Du Pont's geochemistry is presented in Appendix I.

Rock samples collected from the contact zone consisted of vuggy quartz containing 5% disseminated pyrite, visible galena and 10-15% open boxwork. Silver values of up to 176 ppm, lead values of 6600 ppm and zinc values of 990 ppm were obtained in two samples. Du Pont allowed the claims to lapse in 1985.

G. Harris restaked the property as the EYE 1-16 claims. Limited prospecting, grid reconstruction, rock and soil sampling were undertaken by Noranda Exploration and the writer in June 1986. Descriptions and assays of these samples are presented in Appendix II.

EXPLORATION PROGRAM (July 15, 1986 - September 15, 1986)

Geochemical and geophysical surveys were conducted by Noranda Exploration Co. and the writer in July 1986. G. Harris blasted one trench across the mineralized zone.

Noranda collected 79 soil samples at the north end of the old Du Pont grid. Samples were colelcted at 50 m intervals on lines separated by 200 m, and were analyzed for Au-Ag-Pb-Zn-Cu-As. The survey duplicated the results of the earlier Du Pont work, outlining a strong Ag-Pb-Zn anomaly northeast of the upland pond. No anomalous gold values were obtained at this location; however, on the western

side of the grid anomalous gold (480 ppb) and arsenic (120 ppm) values occur in an area of gossanous soil.

Figures 4 and 5 show the results of the geochemical survey.

The writer completed a short VLF-EM survey utilizing a Ronka EM-16 instrument set on the Seattle channel. Readings were taken at 25 m intervals on lines separated by 100 m. Profile plan and frazer filter maps are shown in Figures 6 and 7, respectively.

A strong conductor trending northwest corresponds with the Ag-Pb-Zn geochemical anomaly. This conductor probably traces the contact between limy siltstone and the pyrite-rich rhyolite porphyry.

One blast trench positioned across the contact zone at grid 7+28N, 0+55E uncovered heavily oxidized quartz over a 3 m width.

Fragments of rhyolite and limy siltstone occur in a fractured rusty quartz matrix. Three rock samples collected by Noranda from the trench are described below:

Sample Number	Au ppb	Ag ppm	Pb ppm	Zn ppm	Cu ppm	As ppm	Sample Description
81457	10	41.0	1100	4000	440	92	Grab of oxidized quartz, minor galena, open boxwork
81456	10	2.8	320	440	28	52	Grab of pyrite-rich rhyolite porphyry
81458	10	5.0	1600	2000	580	92	Grab of limy siltstone containing minor galena

DISCUSSION AND RECOMMENDATIONS

Recent exploration has further defined the Ag-Pb-Zn anomaly discovered by Du Pont of Canada in 1981. The geochemical and geophysical anomaly overlies a silicified and gossanous shear zone occurring at the contact between rhyolite porphyry and limy siltstone. One shallow blast pit on the shear zone exposes oxidized quartz containing fragments of wall rock and disseminated sulphide mineralization. Silver assays obtained from vuggy quartz are relatively low (up to 176 ppm).

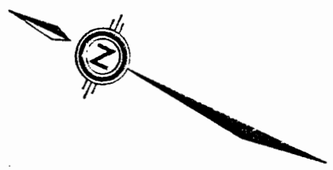
On the western edge of the property, two widely spaced soil samples from a gossan zone returned gold values of 480 and 110 ppb. The gossan zone occurs on the sides of a small northeasterly trending gully which may cover a second shear zone. A detailed soil sampling survey is recommended for this area.

The strong Ag-Pb-Zn soil anomaly and corresponding VLF conductor cover a mineralized shear zone which should be trenched, preferably using a backhoe. Deeper and wider exposure of the shear zone in several trenches would permit a thorough evaluation of the mineralized structure.

L 15+00N L 14+00N L 13+00N L 12+00N L 11+00N L 10+00N L 9+00N L 8+00N L 7+00N L 6+00N L 5+00N L 4+00N L 3+00N L 2+00N L 1+00N L 0+00N

5+00E
4+00E
3+00E
2+00E
1+00E
0+00E
1+00W
2+00W
3+00W
4+00W
5+00W
6+00W

L 9+00N L 8+00N L 7+00N L 6+00N L 5+00N L 5+00N L 4+00N



LEGEND

Au (ppb) / Pb (ppm) 10 / 32 — 0.4 / 400 Ag (ppm) / Zn (ppm)

10 / 0.2 Au (ppb) / Ag (ppm)

12 / 44 Pb (ppm) / Zn (ppm)

EYE CLAIMS
Au–Ag–Pb–Zn SOIL GEOCHEMISTRY
(NORANDA 1986)

NTS: 105–0–6	TECH: G.D.	DATE: FEB. 1987
SCALE: 1:5,000	DRAFTING: M.P. POND CAD SERVICES	FIGURE: 4

L 15+00N
L 14+00N
L 13+00N
L 12+00N
L 11+00N
L 10+00N
L 9+00N
L 8+00N
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N

5+00E
4+00E
3+00E
2+00E
1+00E
0+00E
1+00W
2+00W
3+00W
4+00W
5+00W
6+00W

30 18
30 10
26 14
28 20
34 10
32 14
34 16
30 12
24 12

32 12
32 16
26 12
28 6
40 20
36 26
26 16
34 20
38 18

38 16
26 10
26 24
26 16
34 38
52 24

24 14
30 36
22 12
44 30
46 42

26 22
24 32
40 28
44 32
36 24
42 70

14 18
30 18
16 22
20 24
40 24

30 14
46 24
34 8
46 18
40 24
38 16
42 16
42 16
34 8

24 14
24 30
24 14
24 8
30 20
30 16

26 18
34 22
40 22
30 22

36 22
38 14
58 38
28 16

32 28 24 94 120 26 32 36 28
14 26 16 54 6 14 8

90 120 46 24 32 44 34
20 34 14 4 12 16 12

LEGEND

As (ppm) 28 — 16 Cu (ppm)

34 As (ppm)

12 Cu (ppm)

EYE CLAIMS
As–Cu SOIL GEOCHEMISTRY

NTS: 105–0–6	TECH: G.D.	DATE: FEB. 1987
SCALE: 1:5,000	DRAFTING: M.P. POND CAD SERVICES	FIGURE: 5

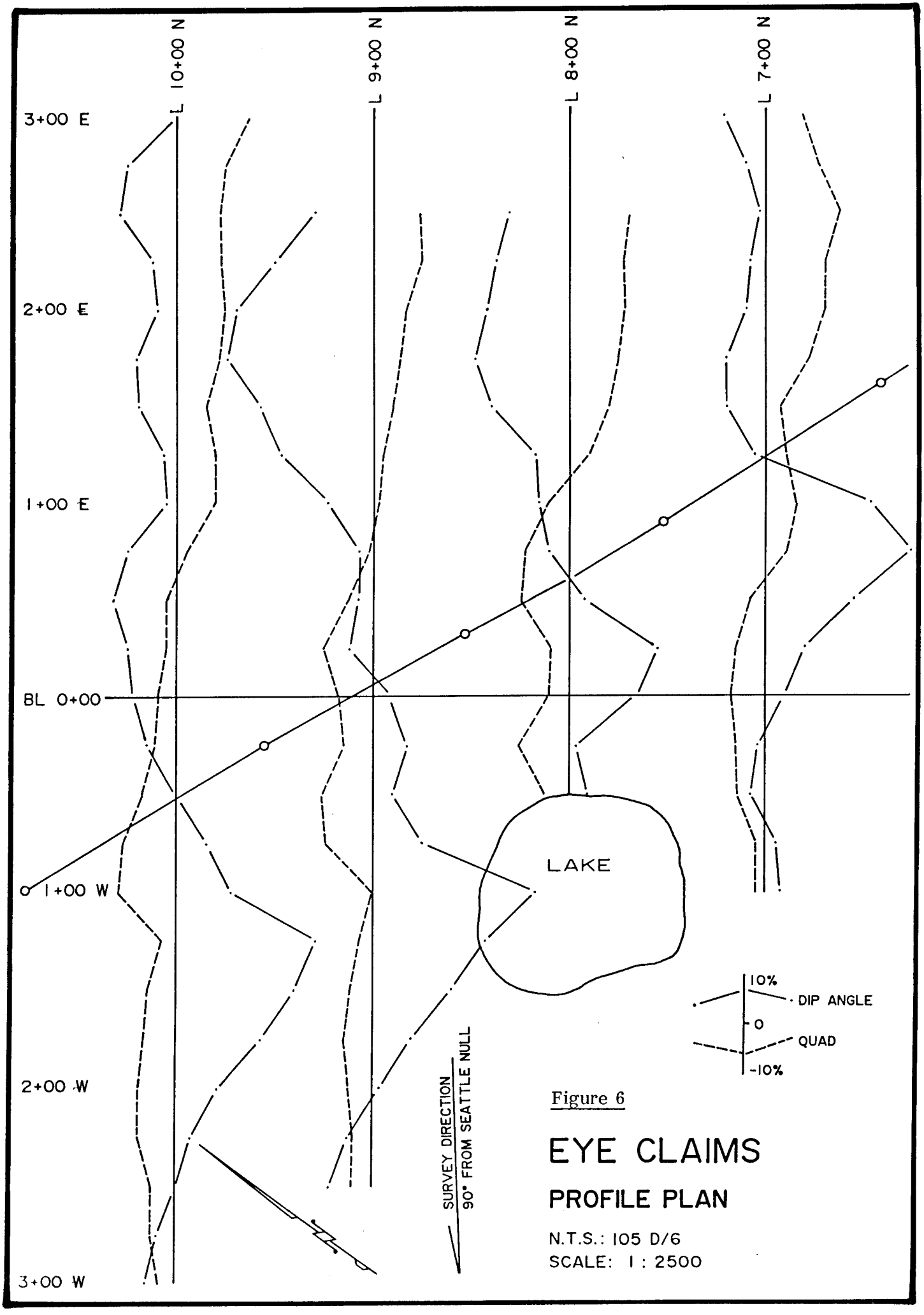


Figure 6

EYE CLAIMS

PROFILE PLAN

N.T.S.: 105 D/6

SCALE: 1 : 2500

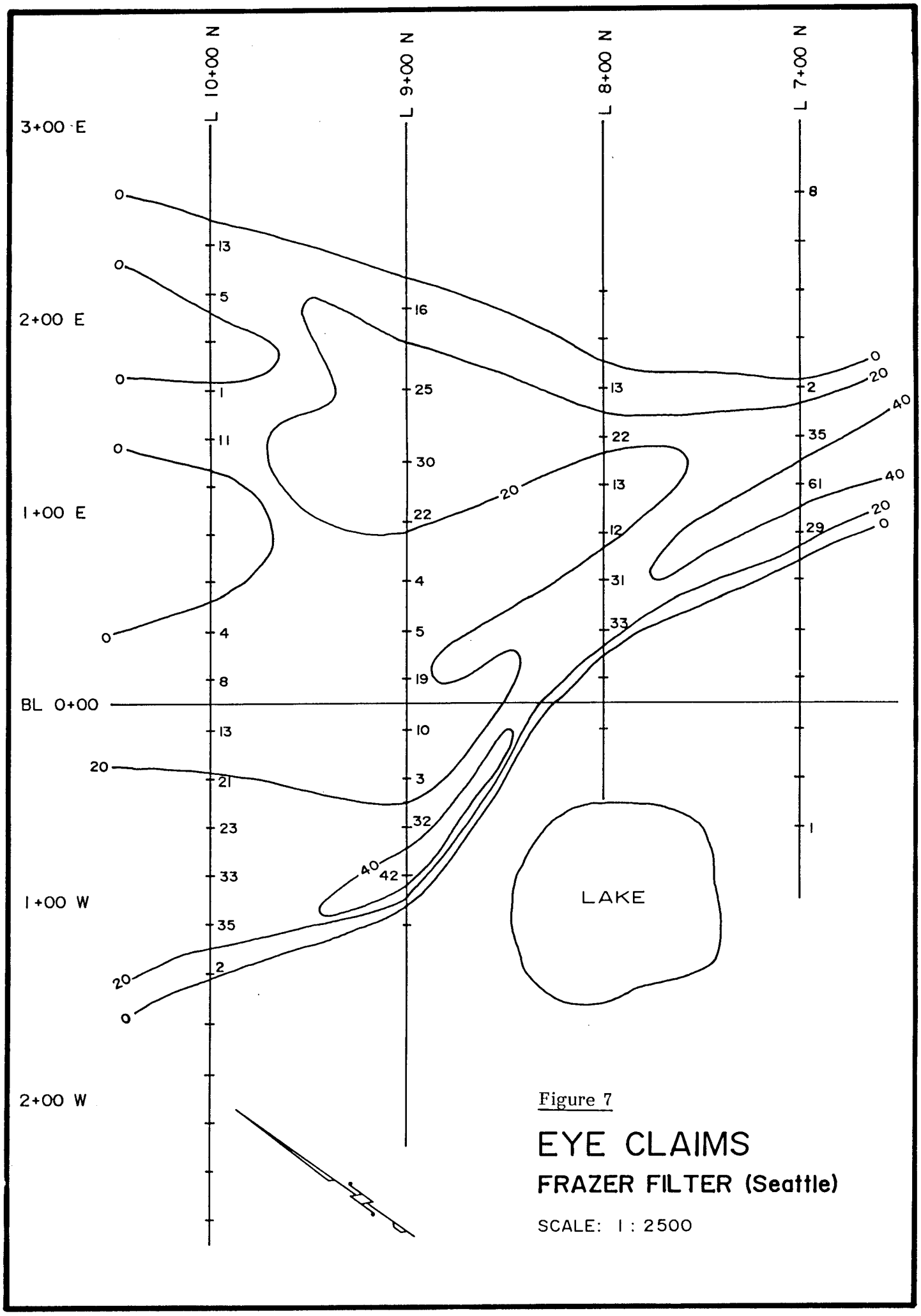


Figure 7

EYE CLAIMS

FRAZER FILTER (Seattle)

SCALE: 1 : 2500

The following program is recommended:

Phase I	Backhoe or bulldozer trenching	$15,000	
	Geological mapping	2,500	
	Geochemistry	4,000	
	Geophysical survey	3,000	
	Camp and support costs	1,500	
	Transportation	1,500	
	Report	2,500	
	TOTAL, PHASE I	$30,000	$30,000
Phase II	(contingent upon results of Phase I)		
	Diamond drilling (1,000 feet)		50,000
	TOTAL, PHASES I AND II		$80,000

REFERENCES

COPLAND, H., Neolands, J., 1982, Geological and Geochemical Report on the Eview Property - Du Pont of Canada Exploration Ltd.

DAVIDSON, G., 1986, Assessment Report, EYE 1-16 Claims.

STATEMENT OF COSTS

July 15, 1986 - September 15, 1986

Personnel:	Noranda Exploration fieldcrew (geochemistry): 5 mandays @ $150/day	$ 750
	G. Harris (blasting): 1 manday @ $150	150
	G. Davidson (geophysics): 1 manday @ $200	200
Transportation:	Jet Ranger: 1.5 hours @ $550/hr	775
	4x4 truck and ATC: 1 day	50
Samples:	(Noranda Laboratory)	
	79 soils @ $9/sample	711
	3 rock @ $11/sample	33
Expenses:	Blasting supplies and equipment	100
	EM-16 rental	35
	Noranda logistics	100
Report:	Drafting	93
	Typing, copying	75
	Preparation	400
	TOTAL COSTS	$3,477

STATEMENT OF QUALIFICATIONS

I, GRAHAM DAVIDSON, of the City of Whitehorse in the Yukon Territory, hereby certify:

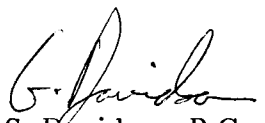
THAT I am a consulting professional geologist.

THAT I am a graduate of the University of Western Ontario (H.B.Sc., Geology, 1981).

THAT I am registered as a Professional Geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (No: 42308).

THAT I have been engaged in mineral exploration on a full and part time basis for seven years, of which five have been in northwestern British Columbia, the Yukon Territory and the Northwest Territories.

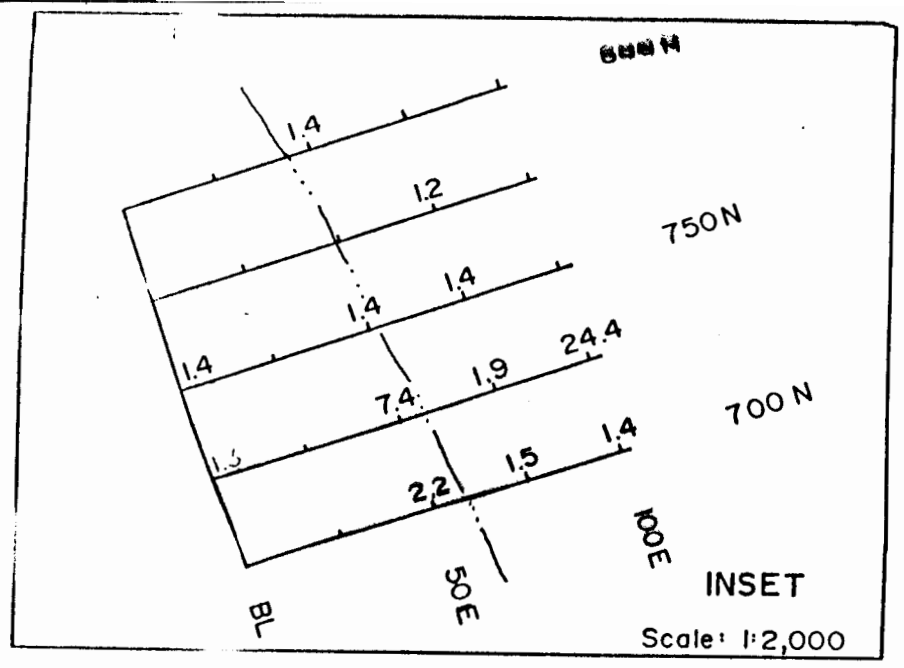
SIGNED at Whitehorse, Yukon, this 2nd day of June, 1987.



G. S. Davidson, P.Geol.

APPENDIX I

DU PONT GEOCHEMISTRY

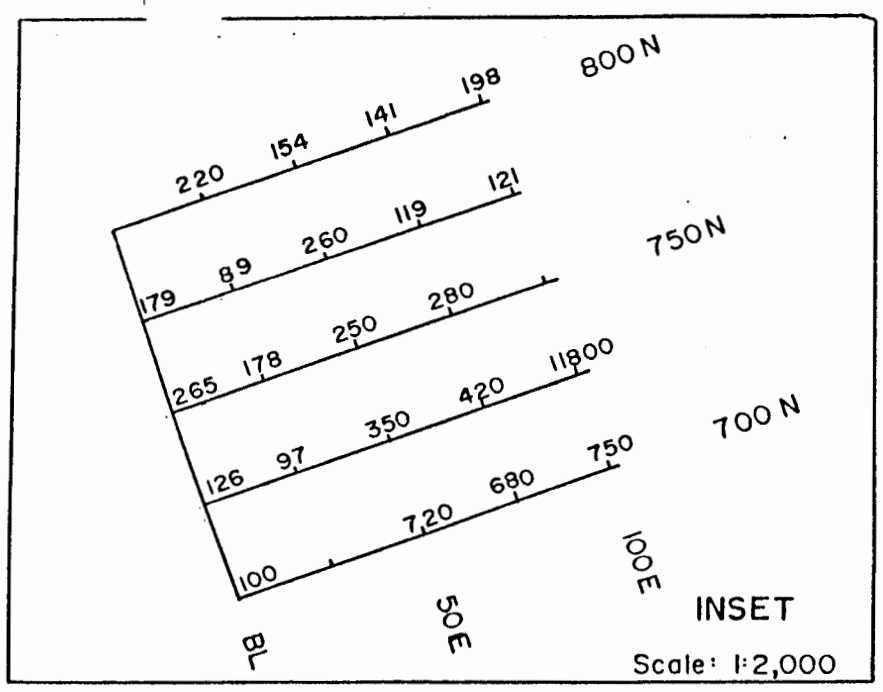


Ag > 1.0 ppm

EYE CLAIMS

Ag GEOCHEMISTRY (ppm)

NTS: 105 D-6 Scale: 1:5,000



500 E

1100 N

300E

1000 N

100E

BL 000

100 W

900 N

300 N

335 86 136 138

144

800 N

215

111

158

700 N

150 175

205

96

198

154

INSET

134

116

78

750

100 720

600 N

74 72

195 148 81

116

500 N

97 102

295 110

102 270

400 N

83 109

210

158

259 350

300 N

255 104 188 220

104

162

77

72

210

430

200 N

100 N

240

000 N

178

150

127 210

N

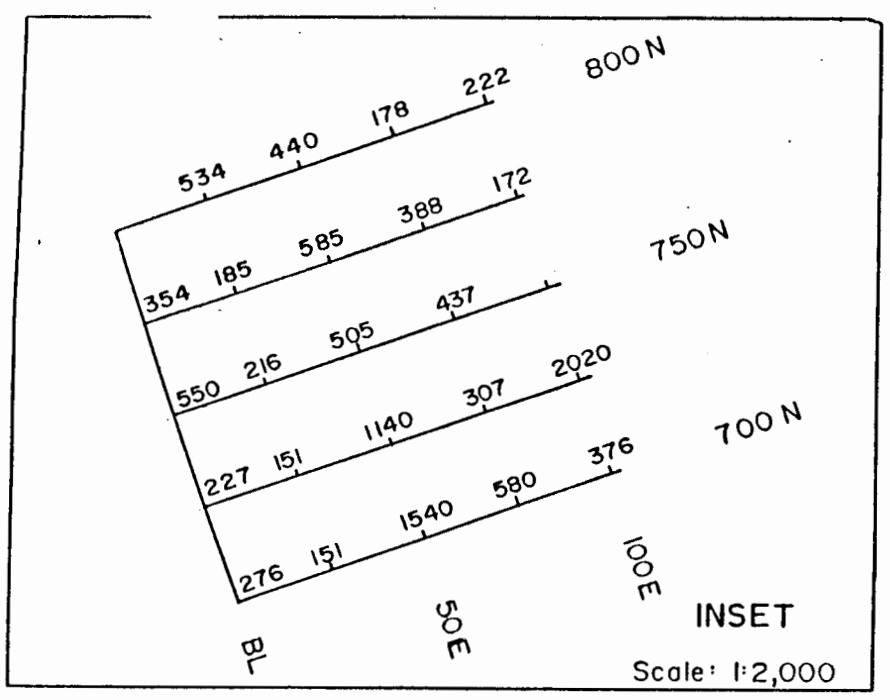
340°

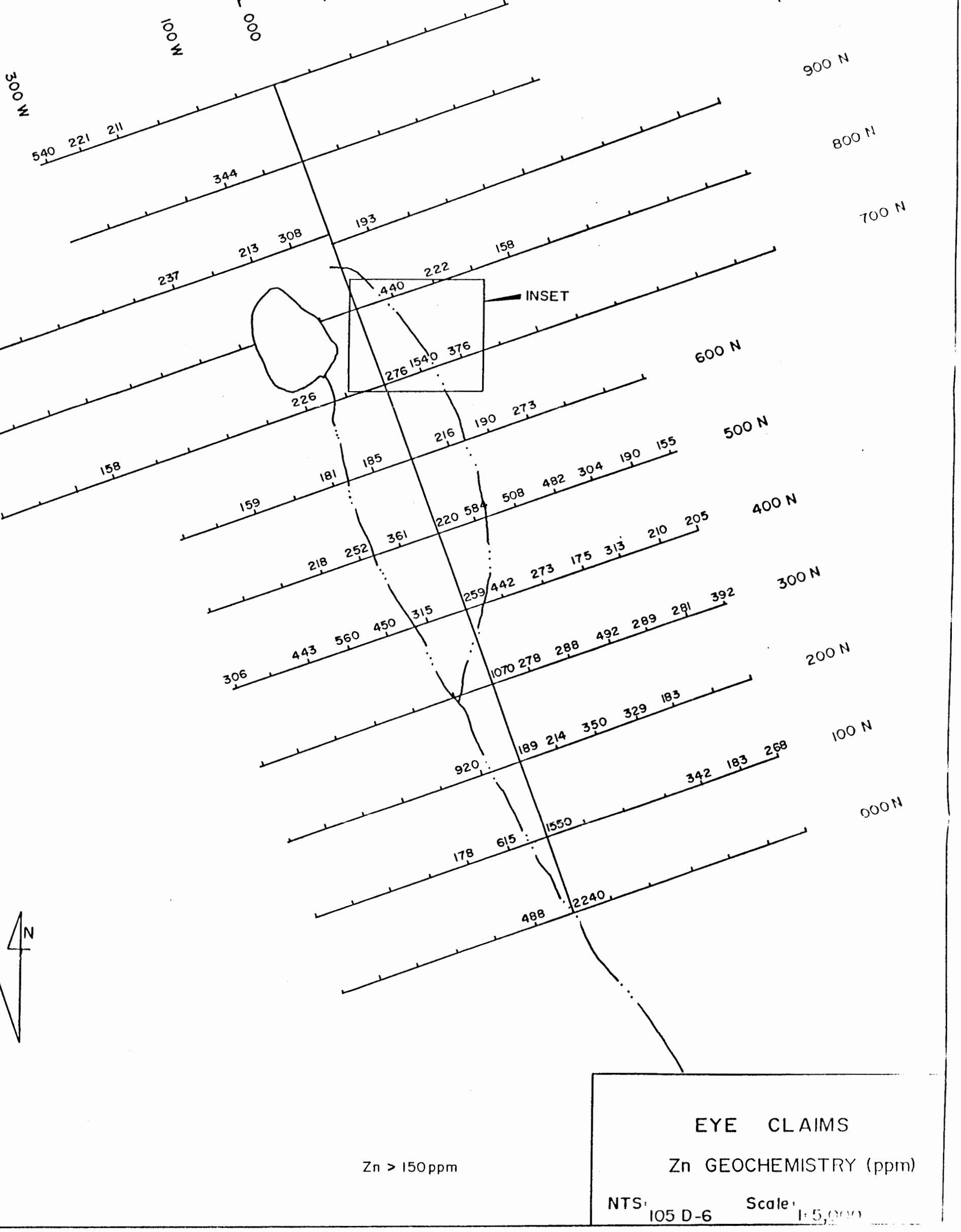
Pb > 70 ppm

EYE CLAIMS

Pb GEOCHEMISTRY (ppm)

NTS: 105 D-6 Scale: 1:5,000





Zn > 150ppm

EYE CLAIMS

Zn GEOCHEMISTRY (ppm)

NTS: 105 D-6 Scale: 1:5,000

APPENDIX II

ASSAY RESULTS - DAVIDSON AND NORANDA

APPENDIX II

TABLE 2

Rock and Soil Samples - 1986

Collected by G. Davidson

Sample No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	Description
R2-86-3	230	1420	1180	44.0	35	5' chip grab sample of oxidized sulphide breccia from shear zone
R2-86-4	460	1490	8800	39.0	20	Grab sample of oxidized sulphide breccia from shear zone
R2-86-4A	19	2000	2200	4.7	<5	Limestone breccia sample containing open vugs and minor galena and sphalerite
R2-86-5	16	66	260	1.1	<5	Rusty fractured rhyolite containing pyrite and sphalerite from grid 8+00N, 0+75E
S1-86-6 (soil)	62	2600	460	3.6	50	Sample taken from rusty zone located at the west end of the property on the claim line

NORANDA VANCOUVER LABORATORY

****

PROPERTY/LOCATION: EYE CLAIMS 105D/6 — CODE: 8606-058

Project No. :394 — Sheet: 1 of 1 — Date rec'd: JUNE. 23

Material :RX — Geol.: W. R. — Date compl: JUNE. 30

Remarks :

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Sb	PPB Au
145	81353	20	1600	2000	1.4	12	6	10
146	81354	12	1900	220	0.4	2	2	10
147	81355	460	4400	3400	3.8	20	1	30
148	81356	380	3200	3000	150.0	24	4	10
149	81357	12	3000	1400	40.0	40	6	10
150	CHECK NL-5	28	72	72	1.6	64	-	-
151	81358	8	300	36	0.6	2	1	10
152	81359	12	84	180	0.8	12	2	10
153	81360	8	170	4	0.2	40	2	10
154	81361	20	200	40	0.4	2	1	10
155	81362	52	60	32	0.4	2	2	10

Description of Rock Samples Collected by Noranda (1986)

Sample No:	
81353	Laminated to thinly bedded light green limy siltstone, 1% fine to medium grained galena; pyrite on fractures and disseminated grains.
81354	Brecciated, limy altered rock, possible skarn.
81355	25% euhedral coarse grained pyrite in a light green carbonaceous tuff(?) volcanic.
81356	Completely weathered material from gossan, vuggy, original rock described above.
81357	Breccia from shear zone, 20% sulphides in rock.
81358	White bleached feldspar porphyry with pyrite.
81359	Fine grained siliceous tuff (sucrose) with pyrite; limonite, rusty along fractures.
81360	Weathered bleached vuggy feldspar porphyry with veins of pyrite.
81361	Green laminated limy siltstone with some skarny looking lenses and disseminated pyrite.
81362	Laminated to finely bedded graphitic argillite, minor pyrite.

APPENDIX III

NORANDA ASSAY CERTIFICATES

EYE CLAIMS

APPENDIX III

NORANDA VANCOUVER LABORATORY

****

PROPERTY/LOCATION:EYE CLAIMS CODE :8607-105

Project No. :394 Sheet:1 of 2 Date rec'd:JUL.21
Material :RX,SILT&SOIL Geol.:W.R. Date compl:AUG.01
Remarks :

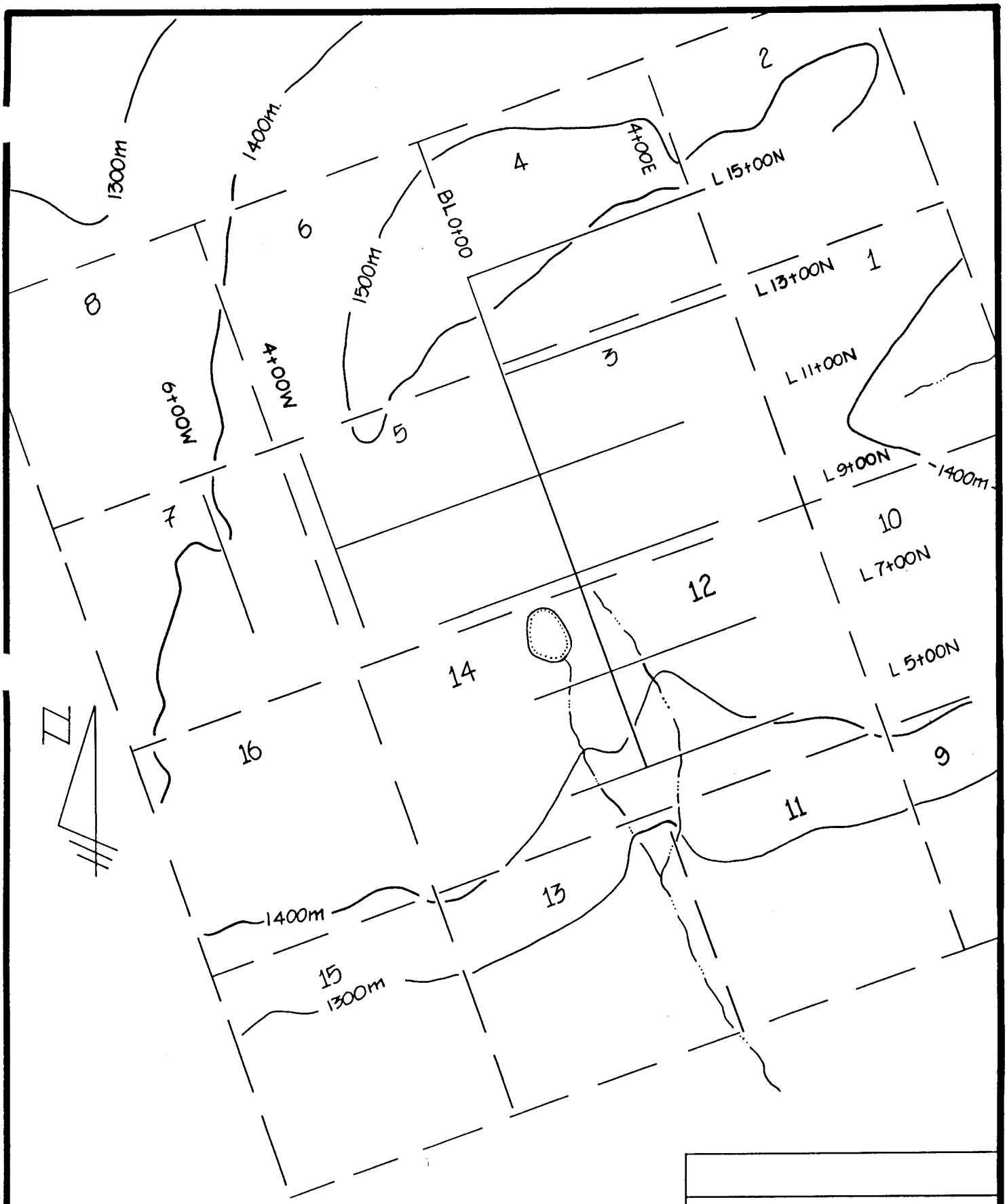
Values in PPM, except where noted.

T.T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	PPB Au
165	81457 RX	440	4000	1100	41.0	92	10
166	81456	28	440	320	2.8	52	10
167	81458 RX	580	2000	1600	5.0	92	10
60	500N-150W SOIL	16	400	32	0.4	28	10
61	100	38	330	58	0.2	58	10
62	50W	14	280	98	0.2	38	10
63	500N-000	22	380	150	0.6	36	10
64	50E	24	430	280	0.4	40	10
65	100	24	450	94	0.2	20	10
66	150	22	410	120	0.4	16	10
67	200	18	210	78	0.8	30	10
68	500N-250W	18	230	76	0.6	14	10
69	700N-150W	22	390	160	0.6	30	10
70	100	22	120	64	0.6	40	10
71	50W	22	220	70	0.8	34	10
72	700N-000	18	170	100	0.2	26	10
73	50E	70	620	4400	7.8	42	10
74	100	24	340	180	0.6	36	10
75	150 A	28	130	88	1.0	40	10
76	150 B	32	160	120	0.8	44	10
77	200	28	130	88	0.8	40	10
78	250	32	74	96	1.4	24	10
79	700N-300E	22	82	60	1.0	26	10
80	900N-250W	16	96	64	0.2	30	10
81	200	20	150	120	0.6	30	10
82	150	8	74	36	0.2	24	10
83	100	14	140	88	0.2	24	10
84	50W	30	220	130	1.2	24	10
85	900N-000	14	130	56	0.4	24	10
86	50E	42	1100	1400	1.6	46	10
87	100	30	210	160	0.4	44	10
88	150	12	90	36	0.2	22	10
89	200	36	88	68	0.8	30	10
90	900N-250E	14	52	36	0.2	24	10
91	1100N-300E	16	70	20	0.2	38	10
92	250	10	50	18	0.2	26	10
93	200	24	80	38	1.0	26	10
94	150	16	74	46	0.2	26	10
95	100	38	74	40	1.0	34	10
96	50E	24	120	42	0.2	52	10
97	1100N-000	24	56	44	0.4	46	10
98	50W	8	90	42	0.4	34	10
99	100	18	100	36	0.4	46	10
100	CHECK NL-5	22	64	74	1.4	60	-
101	150	24	140	150	1.2	40	10
102	200	16	82	56	0.4	38	10
103	250	16	100	50	0.6	42	10

Blast over

PPB 8607-105
Pg. 2 of 2

	SAMPLE No.	Cu	Zn	Pb	Ag	As	Au
4	300	16	240	44	0.4	42	10
105	350	8	110	24	0.6	34	10
106	1100N-400W	26	170	120	0.4	120	10
107	1300N-000	14	60	26	0.2	30	10
108	50E	18	50	28	0.2	38	10
109	100	20	60	30	0.4	34	110
110	150	16	46	18	0.4	26	10
111	200	26	64	20	0.2	36	10
112	350	20	58	26	0.4	40	10
113	300	6	34	14	0.2	28	10
114	350	12	28	14	0.2	26	10
115	400	16	40	12	0.2	32	10
116	1300N-450E	12	34	8	0.2	32	10
117	1500N-100E	12	60	18	0.4	24	10
118	150	12	44	14	0.2	30	10
119	200	16	52	8	0.2	34	10
120	250	14	46	12	0.2	32	10
121	300	10	38	22	0.4	34	10
122	350	20	52	18	0.4	28	10
123	400	14	44	10	0.2	26	10
124	450	10	32	12	0.2	30	10
125	1500N-500E	18	44	12	0.2	30	10
126	400W-950N	8	44	12	0.2	28	10
127	1000	14	84	34	0.4	36	10
128	1050	6	8	1	0.2	32	10
1	1150	54	270	150	1.4	94	10
1	1200	16	180	90	0.4	24	10
131	1250	22	120	120	1.0	28	110
132	400W-1300N	14	70	42	0.4	32	10
133	600W-1000N	12	100	22	0.4	34	10
134	1050	16	92	22	0.2	44	480
135	1100	12	100	24	0.2	32	10
136	1150	4	20	6	0.2	24	10
137	1200	14	80	28	0.2	46	10
138	1250	34	160	160	0.6	120	10
139	600W-1300N SOIL	20	160	66	0.2	90	10
140	81459 SILT	50	470	200	1.2	110	10



EYE CLAIMS

Grid Location Map
(Noranda Soil Grid)

NTS: 105 D-6	Tech: G. D.	Date: July '87
Scale: 1:10,000	Drafting: L.K	Fig.