

BLM/9

85-1197-14373

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,373**

12/86

**ASSESSMENT REPORT**

**GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL SURVEY**

**ON THE**

**SWIFT GROUP OF CLAIMS**

**N.T.S. 82F/3W**

**FILMED**

**NELSON MINING DIVISION**

Latitude 49° ~~28~~ <sup>4.5'</sup> "N

Longitude 117°23'00"W

Owner: *Noranda Exploration Company, Limited*  
Operator:

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES	
Rec'd	APR 1 1986
SUBJECT	_____
FILE	_____
VANCOUVER, B.C.	

Lyndon Bradish (District Geophysicist)  
Graham Gill  
Noranda Exploration Company, Limited (no personal liability)  
September 17, 1985 - October 23, 1985

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## INTRODUCTION

### I. Location and Access

The Swift group of claims is comprised of 32 units in the Nelson Mining Division of N.T.S. Mapsheet 82F/3. The property is located 13 km S.S.W. of Salmo, B.C. and approximately 7 km N.W. of Nelway, B.C. It is situated in the Bonnington Range of the Selkirk Mountains.

Access to the property is obtained from Salmo, B.C. via Highways 3 and 6 to the Nelway border crossing where a secondary road to the west exists. Approximately 9 km along this road the turn off to the Tillicum Creek access road ascends the hills to the north of the Pend D'Oreille River. A 3 km drive along this road puts one at the entrance to the Limpid Creek access road which winds up to the main eastern tributary of Limpid Creek (approximately 2 km from junction). From this point a 1 km walk along an overgrown logging road to the N.E. puts one on the southeast portion of the single grid (11F) cut on the Swift claims.

### 2. Topography and Physiography

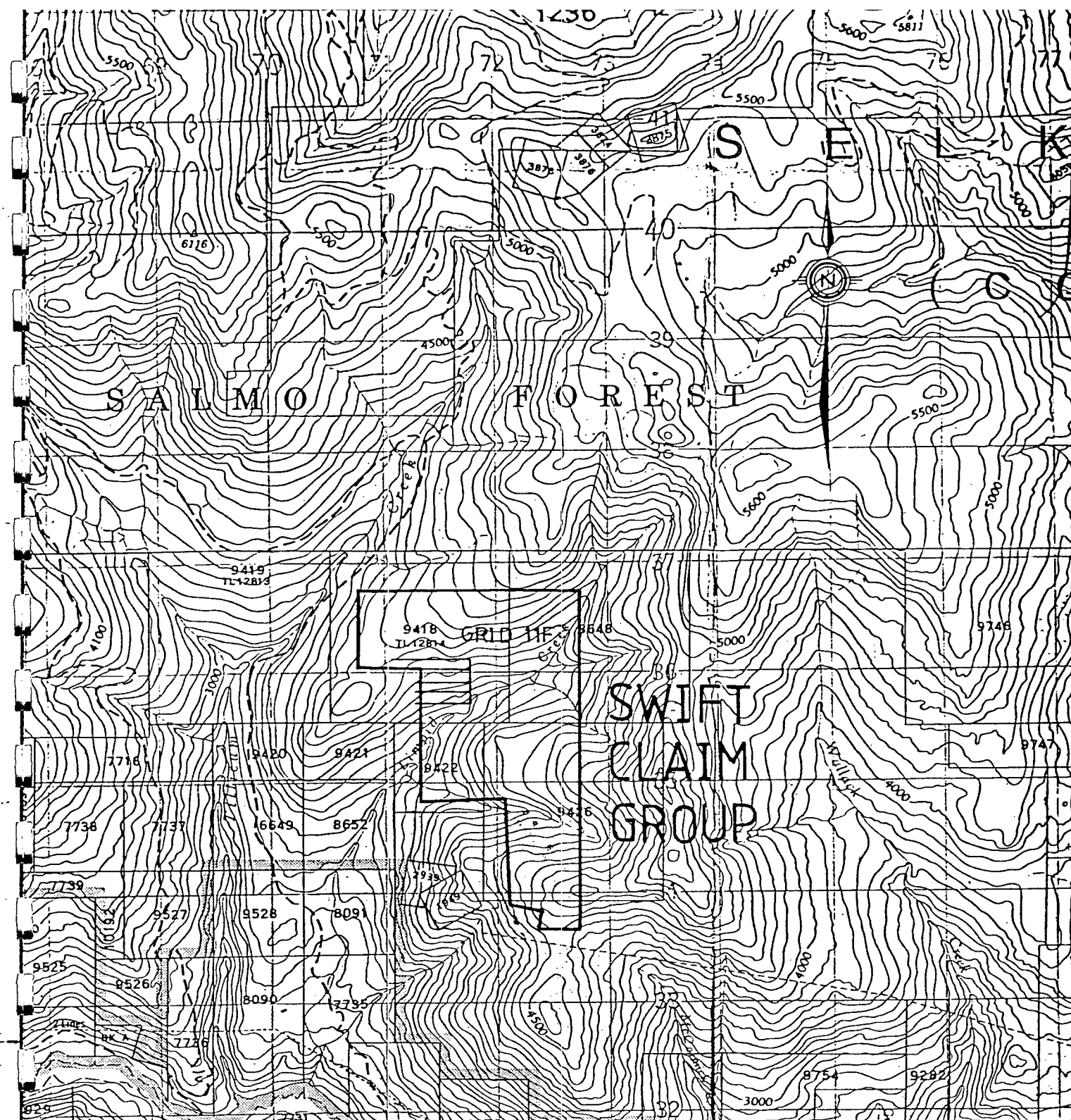
The Swift group of claims lies on the southeastern slope of a large ridge which separates Tillicum Creek and Limpid Creek and along the western portion of a ridge separating Limpid and Wallack Creeks. The entire ground is drained by the Limpid Creek drainage system. Steepness of the property ranges from moderate on the ridge tops to steep especially on the western facing slopes to the east of Limpid Creek.

Mature forest growth covers the steeper sections of the claims while dense secondary growth is abundant along the more subdued portions of the claims.

Maximum relief of the property is 1600' with the highest point of elevation being in the southeast corner of the claim group at 4800'.

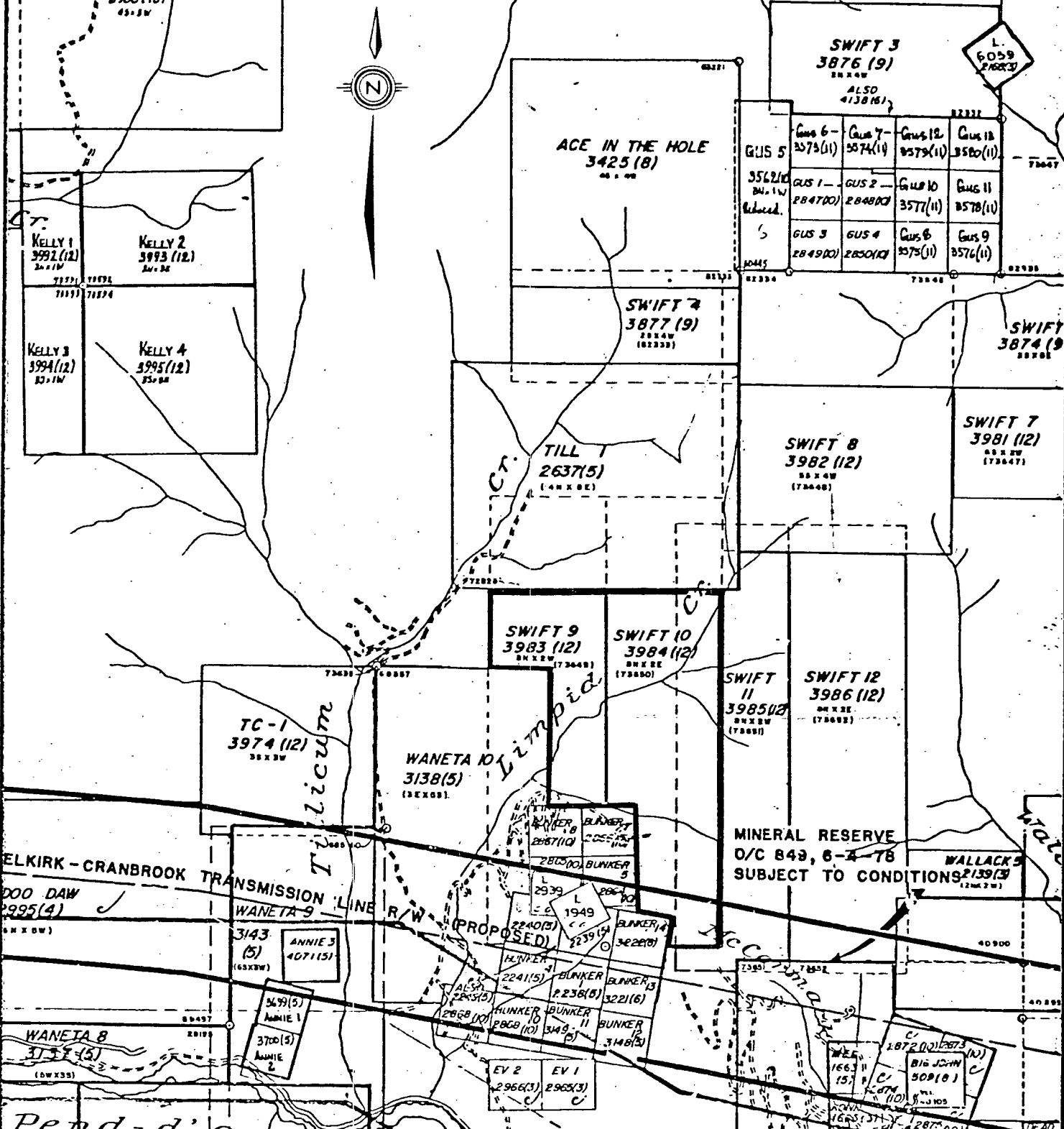
### 3. Previous Work

No previous work by any other mining company is know to be done on this ground.



REVISED	LOCATION MAP	
	SWIFT CLAIM GROUP	
PROJ. No. 432	SURVEY BY:	DATE: JAN 1986
N.T.S. 82F/3	DRAWN BY: DGG	SCALE:
DWG. No. 1	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

VANGAL 11927



GUS 5	GUS 6 - 3573(1)	GUS 7 - 3574(1)	GUS 12 - 3579(1)	GUS 13 - 3580(1)
3562(1)	GUS 1 - 2847(1)	GUS 2 - 2848(1)	GUS 10 - 3577(1)	GUS 11 - 3578(1)
Relined.	GUS 3 - 2849(1)	GUS 4 - 2850(1)	GUS 8 - 3575(1)	GUS 9 - 3576(1)

ELK KIRK - CRANBROOK TRANSMISSION LINE R/W (PROPOSED)

MINERAL RESERVE  
O/C 849, 6-4-78  
SUBJECT TO CONDITIONS 2/13/79

Pend-d'Oreille

REVISED	CLAIM LOCATION	
	SWIFT GROUP	
PROJ. No. 432	SURVEY BY: DDG	DATE: JAN 1986
N.T.S. 82E73	DRAWN BY: DDG	SCALE: 1:50,000
DWG. No. 2	NORANDA EXPLORATION OFFICE: VANCOUVER	

VANCAL 11927

4. Owner - Operator

All of the 32 units comprising the Swift group of claims are owned by Noranda Exploration Company, Limited of 1050 Davie Street, Vancouver, B.C. Noranda is the sole operator of the claims.

The following is a list of Swift group of claims to which assessment work is being filed.

Claim Name	Owner	Record #	Units	Anniversary Date
Swift 9	Noranda Exploration Company, Limited (no personal liability)	3983	16	Dec. 31, 1985
Swift 10	" "	3984	16	Dec. 31, 1985

=====

5. Economic Potential

Due to the existence of airborne geophysical anomalies and the discovery of a felsic volcanic pile within the Rosslund volcanics, this property has good potential for a massive sulphide type deposit. Thus, all work done between September 17, 1985 and October 23, 1985 was carried out in order to determine if such base and/or precious metal mineralization exists and if so whether the deposit would be economically feasible.

II. SUMMARY OF WORK DONE

1. Geology

Geological mapping at a scale of 1:2,500 was conducted along 2.9 km of grid line. Mapping covered an approximate area of 0.22 square km.

2. Geochemistry

A total of 1 rock and 5 silts were taken on the Swift group of claims. All samples were analyzed for Cu, Pb, Zn, Ag and Au.

3. Linecutting

2.9 line km of grid was cut and chained to establish control for mapping and geophysical surveys on the property.

4. Geophysics

2.4 km of E.M. and 2.8 km of mag were conducted on the claim group.

## 5. Claims Worked

All work done during the report period was done on the Swift 9 (3983) and Swift 10 (3984) claims of the Swift group of claims.

### III. DETAILED TECHNICAL DATA

#### 1. Geology

##### i) Purpose

Geological mapping at a scale of 1:2,500 was carried out over 2.9 km of grid line in order to determine the local rock types, structure, mineralization and origin of the airborne geophysical anomalies found between October 28 and November 8, 1984 by Questor Surveys Limited, for Noranda Exploration Company, Limited.

##### ii) Regional Geology

The area surrounding and including the Swift group of claims is mainly underlain by the Lower Cambrian Laib Formation which consists of argillites, limestone, dolomite, phyllite and schists. This section of rocks contacts the Lower Jurassic Rossland Formation which includes andesites, basalts, flow breccias, augite porphyry follows, agglomerates, tuffs and minor shales. The contact of these 2 units is a NE-SW trending fault. To the northeast of the claim group a large Lower Cretaceous granite to granodiorite stock of the Nelson Plutonic rocks has been emplaced. Smaller satellite stocks of similar rock type and age may also be found dispersed within the sediments and volcanics.

See G.S.C. Map 1090A, 1960 for reference.

##### iii) Local Geology

Due to the abundant secondary growth and excessive overburden no geological map could be produced from this grid. Only along a small section of Limpid Creek was an outcrop of rusty, leached, pyritic augite porphyry observed.

However, one day of prospecting was carried out along the ridge between Tillicum Creek and Limpid Creek. Rocks of augite porphyry, agglomerate and andesite flows of the Rossland Formation were noted along the higher elevations of the ridge overlying argillites and siltstones presumably of the Laib Formation. Small sporadic outcrops of granodiorite and diorite were also observed along this ridge but lower-lying sections of the Swift claim group revealed no rock exposure because of the thickness of the overburden.

Nowhere was the fault contact between the Rossland Formation and the Laib Formation described by H.W. Little in G.S.C. Memoir #308 seen on this traverse.



## 2. Geochemistry

### i) Purpose

A total of 1 rock and 5 silts were collected on the Swift group of claims in hopes of finding anomalous geochemical targets coincident with anomalous geophysical responses.

### ii) Techniques

Rock samples were collected as grab samples whenever any representative, mineralized or altered units were encountered.

Silt samples were taken from the centre of the major creek (Limpid) and at least 50 m upstream from any tributary carrying sand-sized or finer fraction sediment. The silt was then placed in a 3 1/2" x 6 1/8" open-ended Kraft envelope for drying, shipping and storage purposes. A piece of flagging was hung as near to the sample sight as possible with the same representative number as that on the Kraft envelope.

All samples were sent to Noranda's geochemical laboratory at 1050 Davie Street, Vancouver, B.C.

Appendix I is a flow sheet of analytical techniques used in the Noranda laboratory. Appendix II is a list of all silt + rock samples with descriptions and geochemical results.

### iii) Discussion of Results

Geochemical results and descriptions of both silts and rocks are listed in Appendix II. Drawings show locations of these samples.

Gold: The gold results were extremely low ranging from only 10-20 ppb in all silt samples. The only rock sample taken returned a value of 10 ppb.

Copper: Results of copper analysis of the silts were also very low. The minimum value obtained was 42 ppm and the maximum value was only 74 ppm. Analysis of the rock sample returned a value of 98 ppm.

Zinc: The zinc values obtained for the silt samples were also very low ranging from a minimum of 90 ppm to a maximum of 130 ppm. A value of 52 ppm Zn was reproduced from the single rock sample.

Lead: All silts were analyzed for lead with results ranging from 8 ppm to 24 ppm. A value of only 6 ppm Pb was produced by the rock sample taken.

Silver: Silver values for the silt samples taken ranged between 0.2 ppm to 0.4 ppm. The single rock sample taken also returned a flat value of 0.2 ppm.

### 3. Geophysics

#### i) Instrumentation

The SE-88 unit differs from the normal HLEM systems such as the MaxMin 11 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 seconds
Reading Interval	: 25 meters
Measurement	: ration of amplitude between reference and signal frequencies (%).

The MP-3 Total Field Magnetometer System is manufactured by Scintrex Ltd. of Concord, Ontario. The MP-3 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 units built in microprocessor giving the data a usable accuracy of 1 gamma.

#### ii) Discussion of Results

The 11-F grid was established over an INPUT E.M. trend with an interpreted conductivity of 20-44 Siemens. The grid orientation was less than ideal for the overall trend of the geology, however, one zone of bedrock conductivity was well defined by the E.M. survey at the west end of Line 14400N.

From the large positive E.M. profile offsets seen on Lines 14400N and 14500N it is clear that the area is underlain by a conductive source, however, it is possible that the zone at L.14400N/20010E swings in an easterly direction and parallels the grid line direction.

The magnetic survey recorded an amplitude of approximately 1600 nT on a datum of 57,000 nT. A significant magnetic anomaly is closely located to the E.M. conductor (L.14400N/20010E) but due to the poor grid orientation the degree of association is unknown.

From results obtained to date the geophysical data indicates that a high conductivity, high susceptibility (?) target has been located. A new grid should be established over this area with the Baseline azimuth being determined after recon HLEM has determined the strike direction of the conductor axis. The potential for a larger grid is high considering the length of the INPUT E.M. current axis (1500 meters).

See drawings for results of the geophysical surveys.

#### IV. CONCLUSIONS AND RECOMMENDATIONS

None of the samples taken on the property returned any significant geochemical values. However, the silt samples were taken from areas away from the established grid therefore these geochemical results may not reflect the actual geological setting on which the grid occurs.

Due to the lack of geological exposure, the strike of the rocks could not be determined and therefore the grid orientation may not be ideal.

Judging from the coincident magnetic and E.M. anomalies in the area of L.14400N/20010E reconnaissance HLEM should be done to determine the true strike direction of the conductor axis.

A geochemical survey should be conducted over the geophysical anomalous zone.

Follow-up work concerning prospecting along the streams sampled during this report period is not warranted.

REFERENCES

Little, H.W., (1960) G.S.C. Memoir #308 Nelson Map Area, West Half  
British Columbia (82FW 1/2).

**APPENDIX I**  
**ANALYTICAL TECHNIQUES**

## ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver.

### Preparation of Samples

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for geochemical analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples \* from constant volume), are analysed in its entirety, when it is to be determined for gold without further sample preparation.

### Analysis of Samples

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.4 g and chemical quantities are doubled relative to the above noted method for digestion.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn can be determined directly from the digest (dissolution) with a conventional atomic absorption spectrometric procedure. A Varian-Techtron, Model AA-5 or Model AA-475 is used to measure elemental concentrations.

### Elements Requiring Specific Decomposition Method:

**Antimony - Sb:** 0.2 g sample is attacked with 3.3 ml of 6% tartaric acid, 1.5 ml conc. hydrochloric acid and 0.5 ml of conc. nitric acid, then heated in a water bath for 3 hours at 95°C. Sb is determined directly from the dissolution with an AA-475 equipped with electrodeless discharge lamp (EDL).

**Arsenic - As:** 0.2 - 0.3 g sample is digested with 1.5 ml of perchloric 70% and 0.5 ml of conc. nitric acid. A Varian AA-475 equipped with an As-EDL is used to measure arsenic content in the digest.

**Barium - Ba:** 0.1 g sample digested overnight with conc. perchloric, nitric and hydrofluoric acid; Potassium chloride added to prevent ionization. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

**Bismuth - Bi:** 0.2 g - 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest with an AA-475 complete with EDL.

**Gold - Au:** 10.0 g sample is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with MIBK from the aqueous solution. AA is used to determine Au.

**Magnesium - Mg:** 0.05 - 0.10 g sample is digested with 4 ml perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the

range of atomic absorption. The AA-475 with the use of a nitrous oxide flame determines Mg from the aqueous solution.

**Tungsten - W:** 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

**Uranium - U:** An aliquot from a perchloric-nitric decomposition, usually from the multi-element digestion, is buffered. The aqueous solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

\* N.B. If additional elemental determinations are required on panned samples, state this at the time of sample submission. Requests after gold determinations would be futile.

#### LOWEST VALUES REPORTED IN PPM

Ag - 0.2	Mn - 20	Zn - 1	Au - 0.01
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

EJvL/ie

March 14, 1984

**APPENDIX II**  
**GEOCHEM RESULTS**



ROSSBACHER LABORATORY LTD.

8510-042

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

CERTIFICATE OF ANALYSIS

TO : NORANDA EXPLORATION CO. LTD.

CERTIFICATE#: 85438

1050 DAVIE STREET

INVOICE#: 6049

VANCOUVER B.C.

DATE ENTERED: 85-10-23

PROJECT: 432 8510-042

FILE NAME: NOR85438

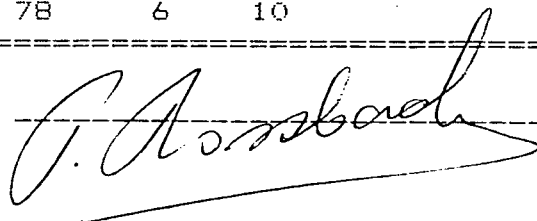
TYPE OF ANALYSIS: GEOCHEMICAL *Salmu (JK)*

PAGE # : 1

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag	PPM Zn	PPM Pb	PPB Au
A	58892	94	0.4	48	4	10
A	58893	86	0.2	60	6	10
A	83111	74	0.2	96	4	10
A	83112	102	0.2	80	10	10
A	83113	218	0.2	100	6	10
A	83114	176	0.2	72	6	10
A	83115	54	0.2	102	6	10
A	83116	30	0.2	88	4	10
A	83117	28	0.2	22	10	10
A	83118	28	0.2	38	6	10
A	83119	114	0.2	42	4	10
A	83120	6	0.2	76	6	10
A	83121	26	0.2	72	4	10
A	85125	34	0.2	68	6	10
A	85154	28	0.2	102	8	10
A	85156	32	0.2	106	6	10
A	85157	50	0.2	106	14	10
A	85161	160	0.2	100	2	10
A	85162	86	0.2	90	2	10
A	85163	116	0.2	86	6	10
A	85164	128	0.2	72	6	10
A	85165	66	0.2	80	8	10
A	85166	2	0.2	24	24	10
A	85167	4	0.2	54	10	10
A	85168	2	0.2	18	6	10
A	95251	142	0.2	96	6	10
A	95252	18	0.2	86	6	10
A	95253	54	0.2	112	4	10
A	95254	58	0.2	96	6	10
A	95255	50	0.4	72	8	10
A	95256	64	0.2	120	26	10
A	95257	2	0.2	78	8	10
A	95258	98	0.2	52	6	10
A	95259	78	0.2	92	2	10
A	95260	74	0.2	98	6	10
A	95261	82	0.2	88	2	10
A	95262	80	0.2	54	2	10
A	95263	82	0.2	78	4	10
A	95264	102	0.2	78	6	10
A	95265	84	0.2	78	6	10

28/10/85 JK DB WM DP

CERTIFIED BY :



T. T. No.	SAMPLE No.	Cu	Zn	Pb	Ag	PPB Au	GCI	8510-016 Pg. 2 of 3
62	18775.0	44	210	10	0.6	10		
63	18787.5	38	230	8	0.2	10		
64	18800.0	42	270	12	0.2	10		
65	18812.5	58	270	10	0.8	10		
66	18825.0	78	300	10	0.4	10		
67	18837.5	56	380	18	0.2	10		
68	18850.0	68	210	8	0.2	10		
69	18875.0	56	200	8	0.2	10		
70	242N-18900E	60	170	12	0.2	10		
71	243E-18725E	50	160	24	0.4	10		
72	18750.0	34	140	24	0.4	10		
73	18775.0	38	170	8	0.2	10		
74	18787.5	70	150	4	0.4	10		
75	18800.0	80	260	40	1.0	10		
76	18812.5	60	210	8	0.6	10		
77	18825.0	62	230	12	0.4	10		
78	18837.5	54	310	22	0.2	10		
79	18850.0	64	460	26	0.6	10		
80	18875.0	54	320	32	0.2	10		
81	243N-18900E	62	180	10	0.4	10		
82	244N-18575E	58	180	18	0.2	10		
83	18600.0	58	160	10	0.4	10		
84	18625.0	64	160	12	0.6	10		
85	18650.0	52	170	22	0.2	10		
86	18675.0	54	140	14	0.8	10		
87	18700.0	44	200	12	0.4	10		
88	18725.0	46	230	10	0.6	110		
89	244N-18775E	46	190	16	0.6	10		
90	245N-18525E	36	280	18	0.6	10		
91	18550.0	42	310	20	0.2	10		
92	18575.0	66	220	32	0.2	10		
93	18587.5	70	290	16	0.2	10		
94	18600.0	54	200	8	0.2	10		
95	18612.5	46	200	18	0.2	10		
96	18625.0	42	190	8	0.4	10		
97	18650.0	40	210	12	0.6	10		
98	18675.0	36	230	18	0.4	10		
99	18687.5	36	200	18	0.2	10		
00	CHECK NL-5	28	70	76	1.2	10		
01	18700.0	40	180	8	0.2	10		
102	18712.5	40	140	8	0.2	10		
03	18725.0	54	150	16	0.4	10		
04	18750.0	60	160	8	0.2	10		
105	245N-18775E	60	200	10	0.2	10		
06	83093.0	54	140	26	0.2	10		
07	83094.0	66	100	24	0.2	10		
108	83095.0	80	86	14	0.2	120		
109	83096.0	62	130	14	0.2	10		
110	83097.0	74	90	8	0.2	20		
111	83098.0	50	130	24	0.4	10		
112	83099.0	60	100	10	0.2	10		
113	83100.0	42	100	18	0.2	10		
114	83051.0	46	130	20	0.4	10		
115	83026.0	SILT	58	120	12	0.2	10	52653
116	83027.0		56	92	10	0.2	10	
117	83028.0		52	92	12	0.2	10	
118	83029.0		54	110	14	0.2	10	

SILTS



**APPENDIX III**  
**STATEMENT OF COSTS**

NORANDA EXPLORATION COMPANY, LIMITED

STATEMENT OF COST

PROJECT: Swift Group

DATE

TYPE OF REPORT: Geology, Geochem and Geophysics

a) Wages:

No. of Days	8 mandays	
Rate per Day	\$ 109.09	
Dates From:	Sept. to Oct. 1985	
Total Wages	27 X \$ 109.09	872.72

b) Food and Accomodation:

No. of Days	8	
Rate per Day	\$ 46.20	
Dates From:	Sept. to Oct. 1985	
Total Cost	8 X \$ 45.00	369.60

c) Transportation

No. of Days	8	
Rate per Day	\$ 45.00	
Dates From:	Sept. to Oct. 1985	
Total Cost	8 X \$ 45.00	360.00

d) Analysis 44.40

e) Cost of Preparation of Report

Author	1 day @ \$ 109.09/day	109.09
Typing	1 day @ \$ 109.09/day	109.09
Drafting	1 day @ \$ 109.09/day	109.09

f) Linecutting (Contract)

No. of kilometres	2.9	
Rate per kilometre	\$ 240.00	
Dates From:	Sept. 1985	
Total Cost		696.00

TOTAL COST \$ 2,669.99

UNIT COSTS

Unit costs for Geology:

No. of Days	2	
No. of Units	2 mandays	
Unit Costs	\$ 240.00/day	
Total Cost		480.00

Unit costs for Geochem:

No. of Days	1	
No. of Units	6 samples	
Unit Costs	\$ 25.00/sample	
Total Costs	\$ 25.00 X 6	150.00

Unit costs for Geophysics:

No. of Days	5 mandays	
No. of Units	5.8 line km.	
Unit Costs	\$ 231.72/km.	
Total Costs	\$ 231.72 X 5.8	1,344.00

Unit cost for Contracting:

No. of Units	2.9 km.	
Unit Costs	\$ 240.00/km.	
Total Costs	@ 240.00 X 2.9	<u>696.00</u>

Total		\$ 2,670.00
Portable Assessment Credits Withdrawl Request		<u>530.00</u>
Grand Total		<u>\$ 3,200.00</u>

NORANDA EXPLORATION COMPANY, LIMITED

(WESTERN DIVISION)

DETAILS OF ANALYSES COSTS

PROJECT: SWIFT GROUP

<u>ELEMENT</u>	<u>NO. OF DETERMINATIONS</u>	<u>COST PER DETERMINATION</u>	<u>TOTAL</u>
Cu	6	1.60	9.60
Pb	6	.60	3.60
Zn	6	.60	3.60
Ag	6	.60	3.60
Au	6	3.50	21.00
Sample Preparation	\$ 3.00		3.00
Total Cost			<u>\$ 44.40</u>

**APPENDIX IV**  
**STATEMENT OF QUALIFICATIONS**



STATEMENT OF QUALIFICATIONS

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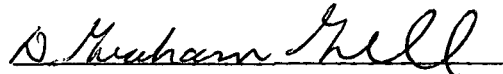
I, D. Graham Gill of the City of Vancouver, Province of British Columbia, hereby certify that:

I am a geologist residing at 1271 - 52nd. Street, Delta, B.C.

I have graduated from the University of British Columbia in 1983 with a B.Sc in geology.

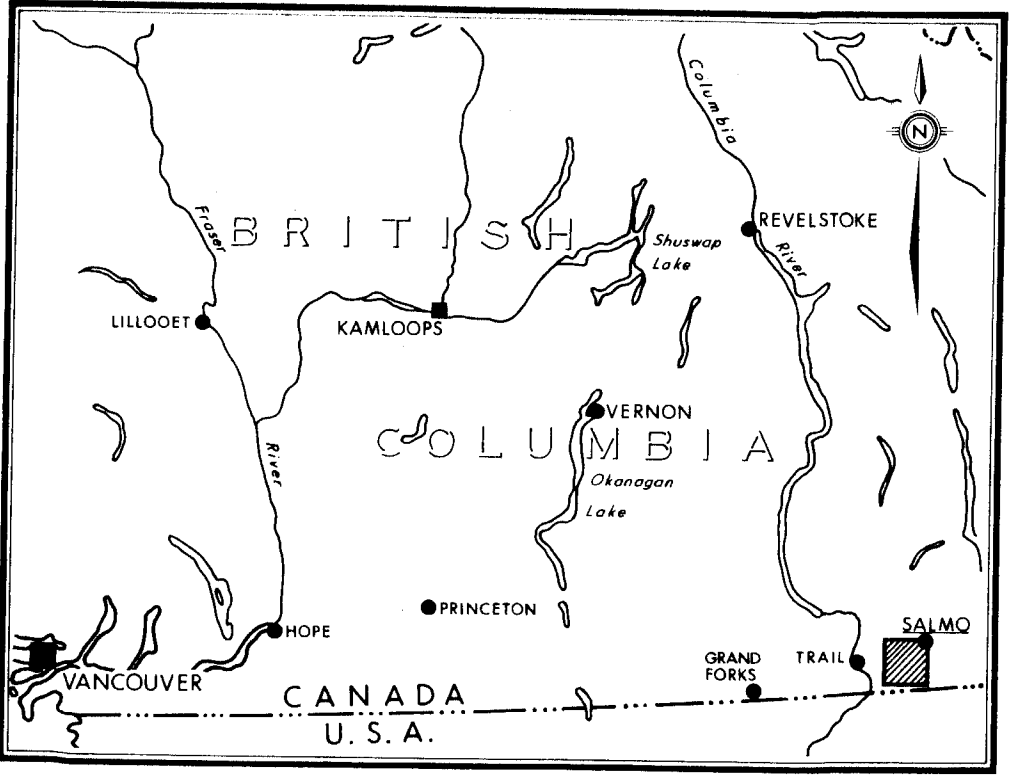
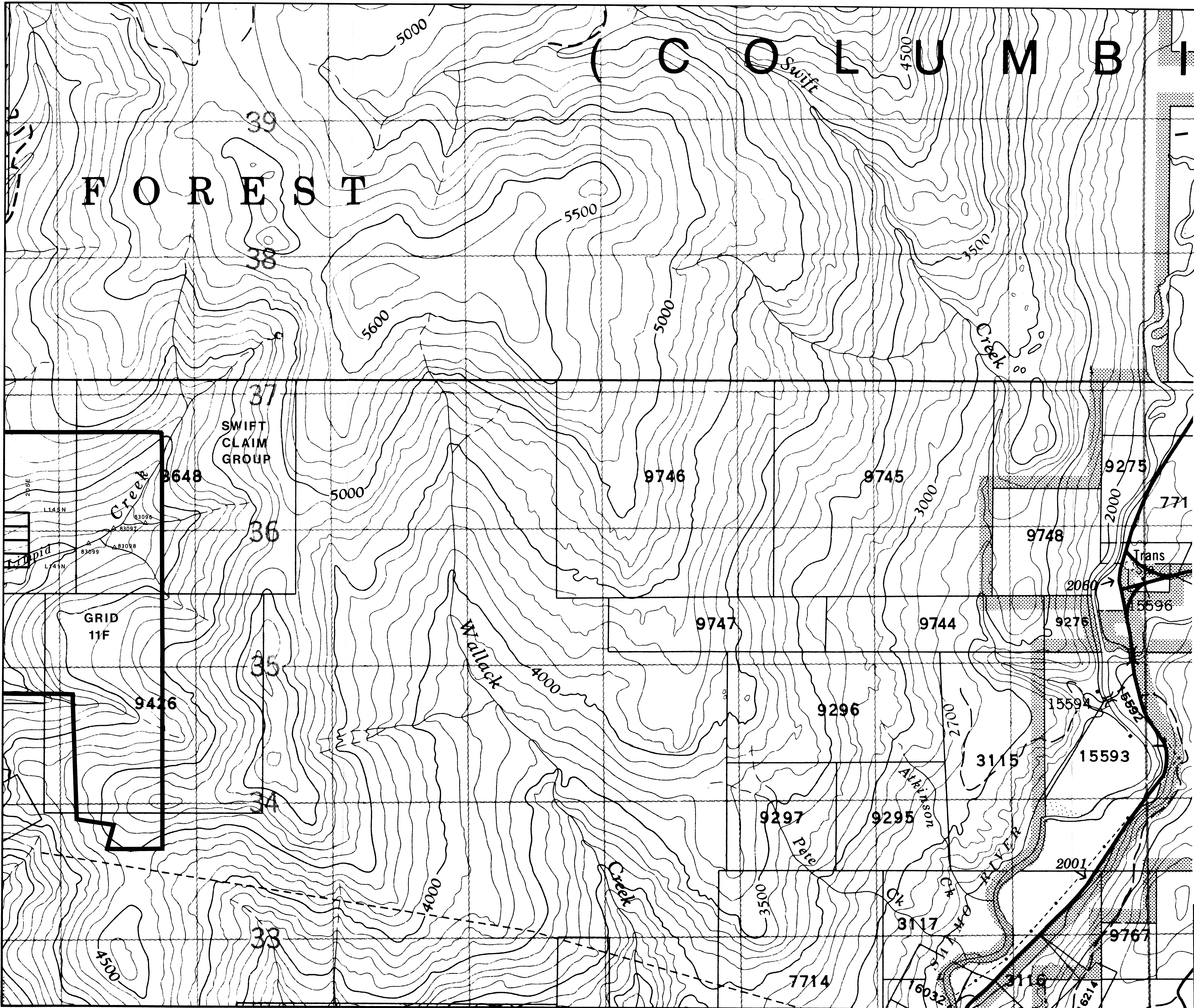
I have worked in mineral exploration since 1979.

I have been employed by Noranda Exploration Company, Limited since May, 1983.



D. Graham Gill

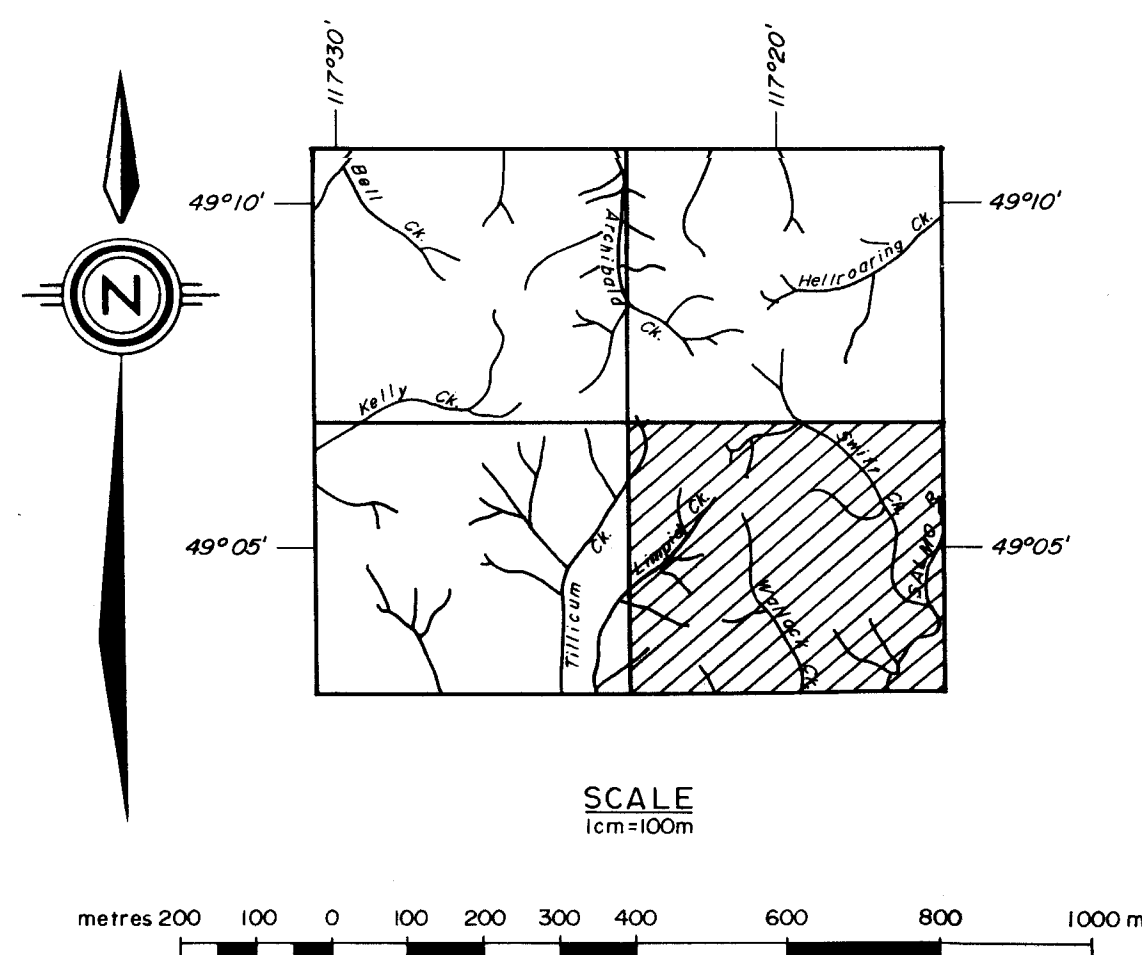




LOCATION MAP  
SCALE 1:50,000

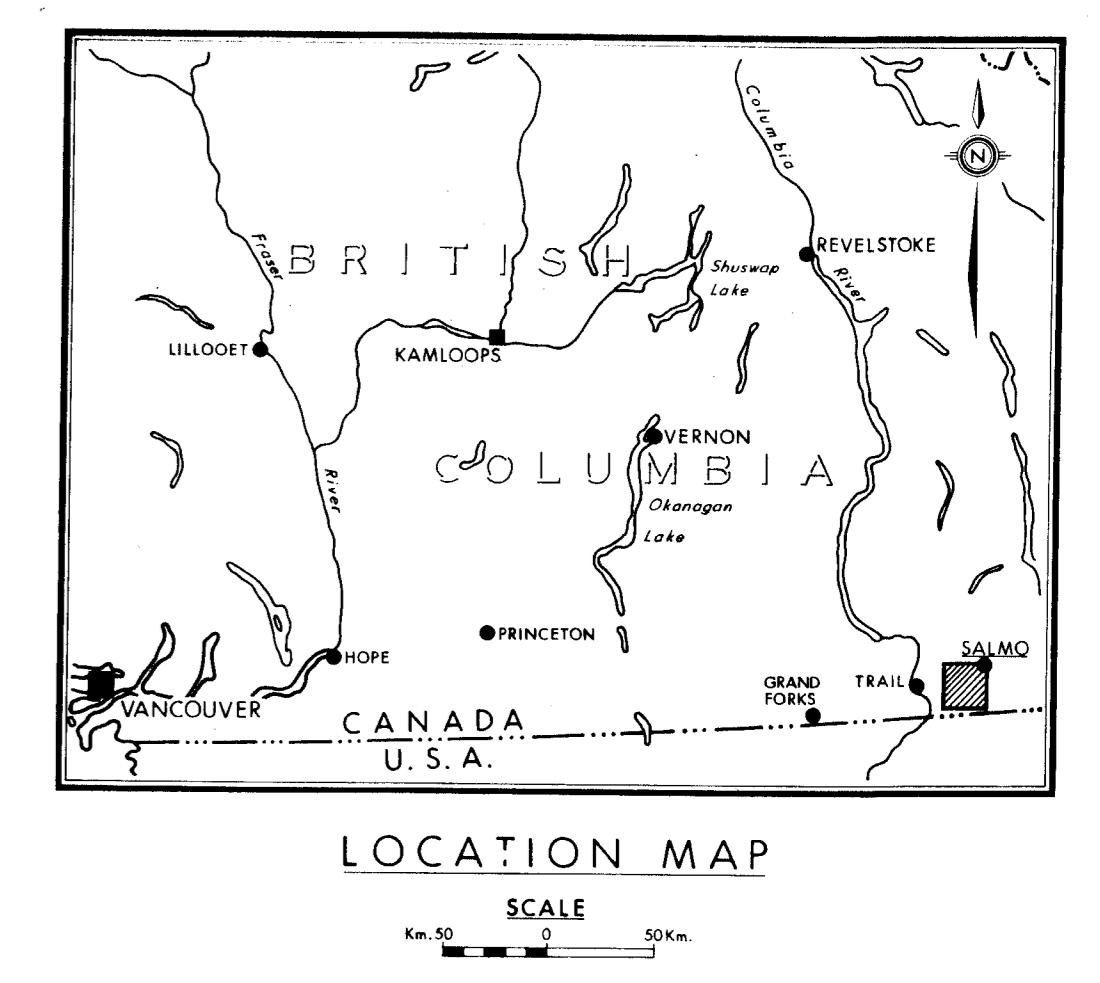
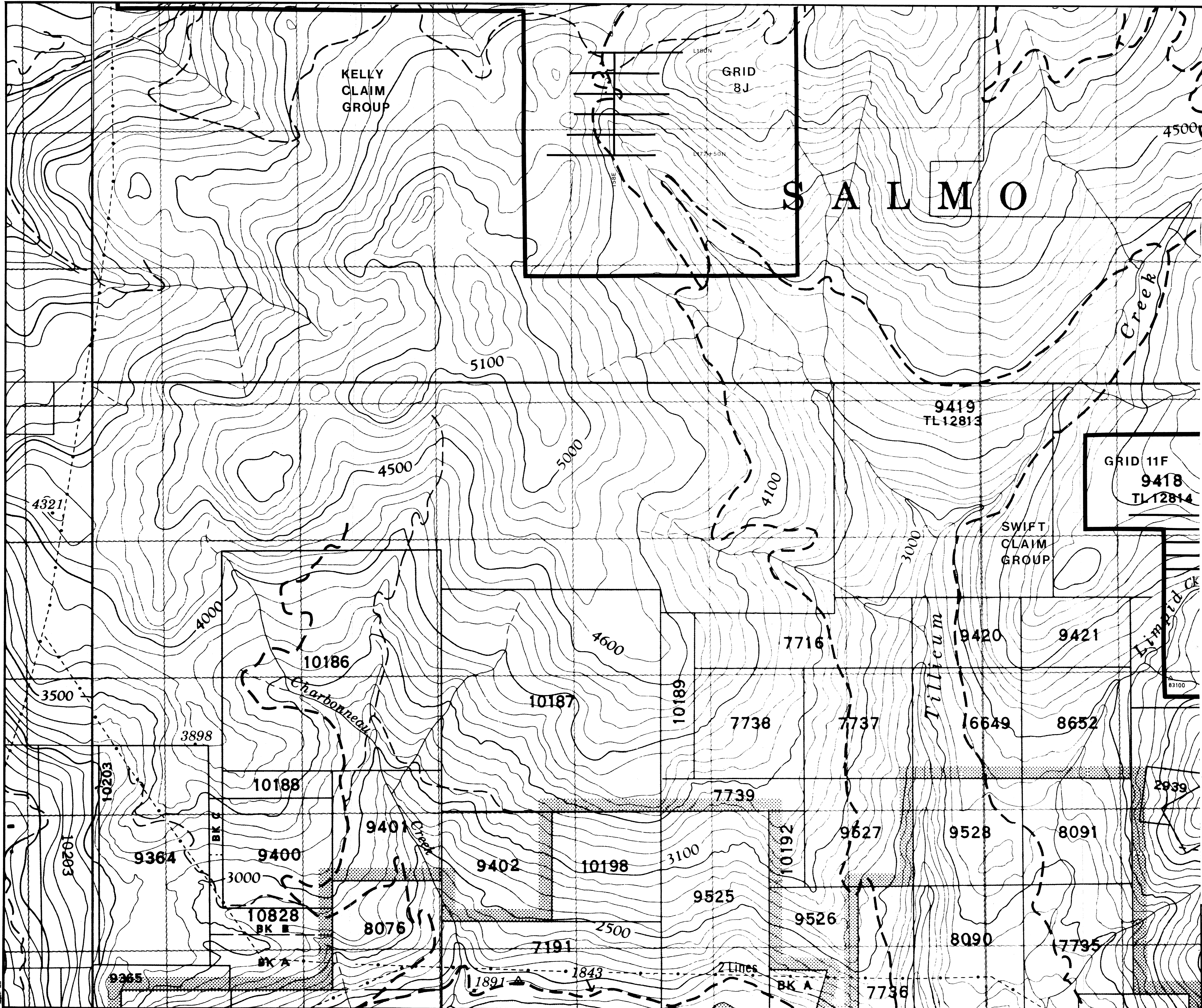
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

14,373



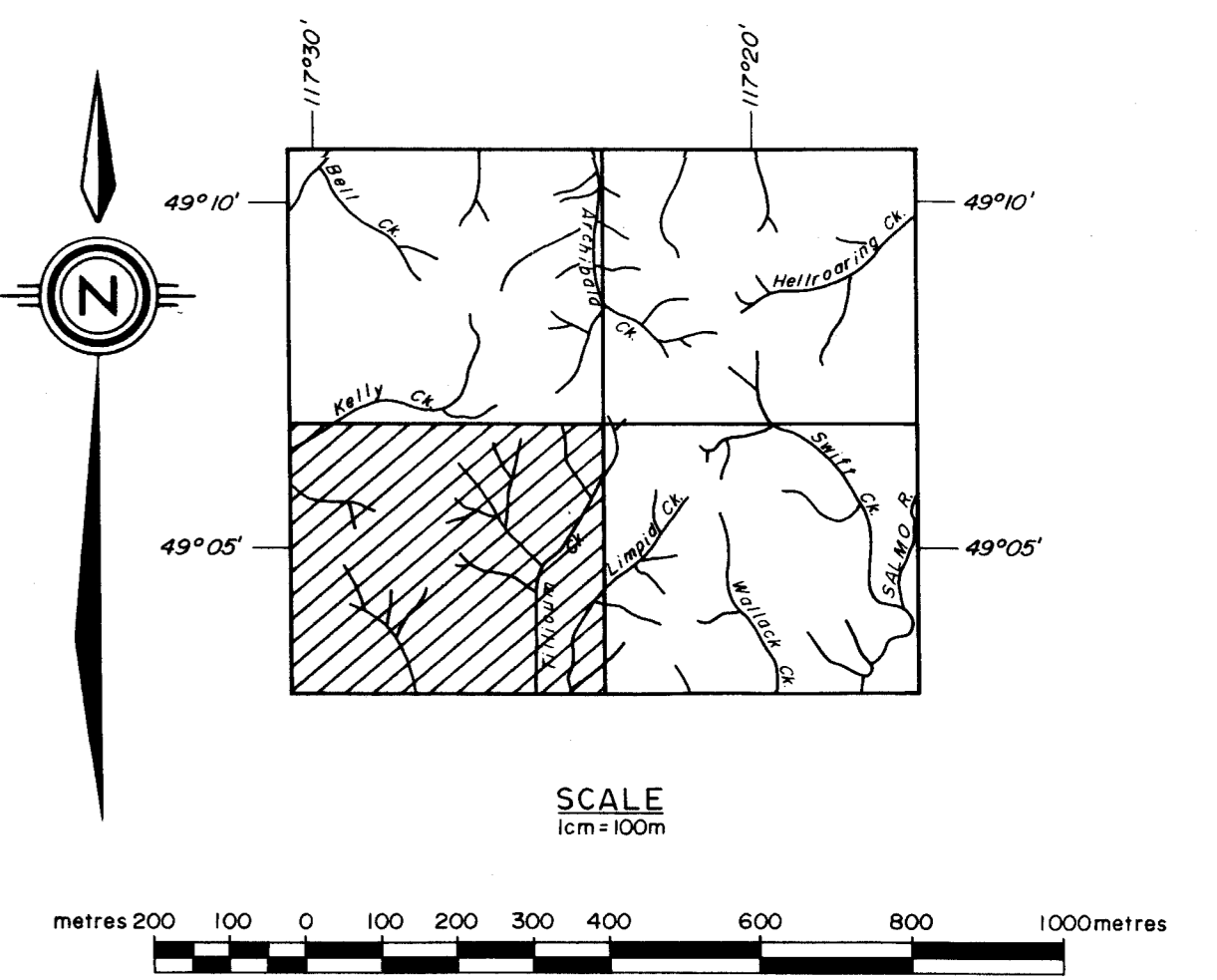
REVISED	<b>SALMO AIRBORNE</b>	
	CLAIM AND GRID LOCATION	
PROJ. No. 32	SURVEY BY: J.K.	DATE:
N.T.S. R2 F.3.4	DRAWN BY: M.L.L.	SCALE: 1:10,000
DWG. No. 3	<b>NORANDA EXPLORATION</b>	
	OFFICE: Vancouver	





GEOLOGICAL BRANCH  
ASSESSMENT REPORT

14,373



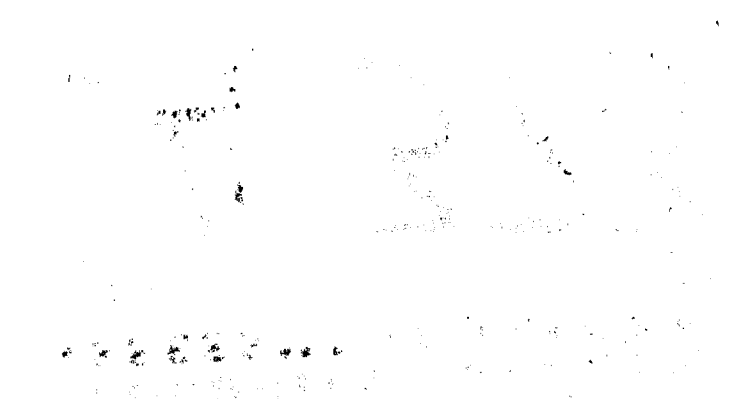
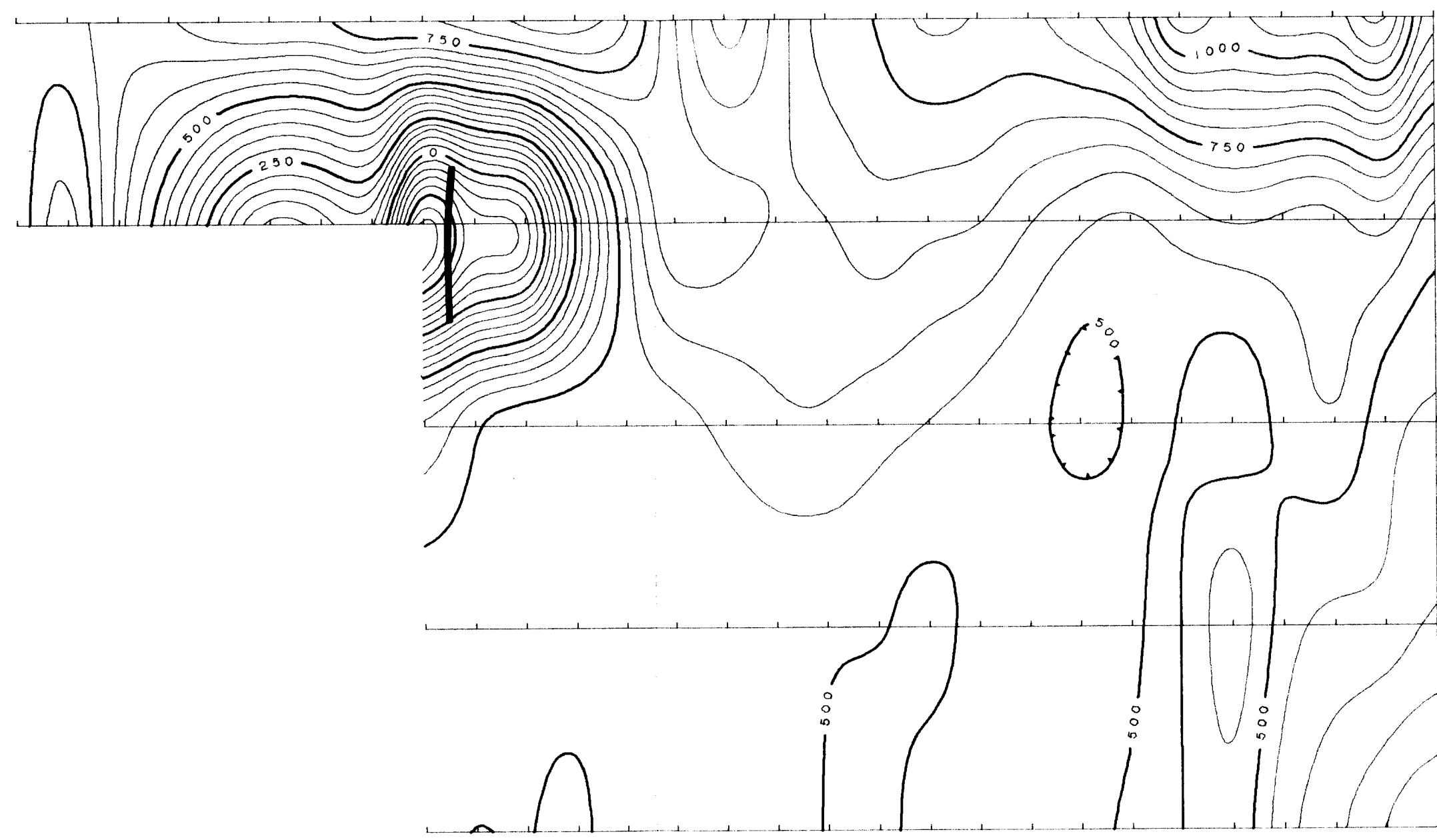
REVISED	<b>SALMO AIRBORNE</b>	
	CLAIM AND GRID LOCATION	
PROJ. No. 32	SURVEY BY: J.K.	DATE:
NTS. BE F.3.4	DRAWN BY: B.S.Little	SCALE: 1:10,000
DWG. No. 4	<b>ORANDA EXPLORATION</b>	
	OFFICE: Vancouver	



19500E 19600E 19700E 19800E 19900E 20000E 20100E 20200E 20300E 20400E 20500E 20600E 20700E 20800E

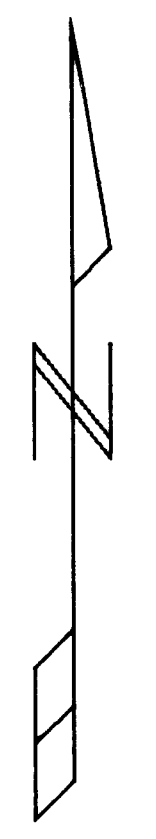
BASELINE

14500N  
14400N  
14300N  
14200N  
14100N



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,373**

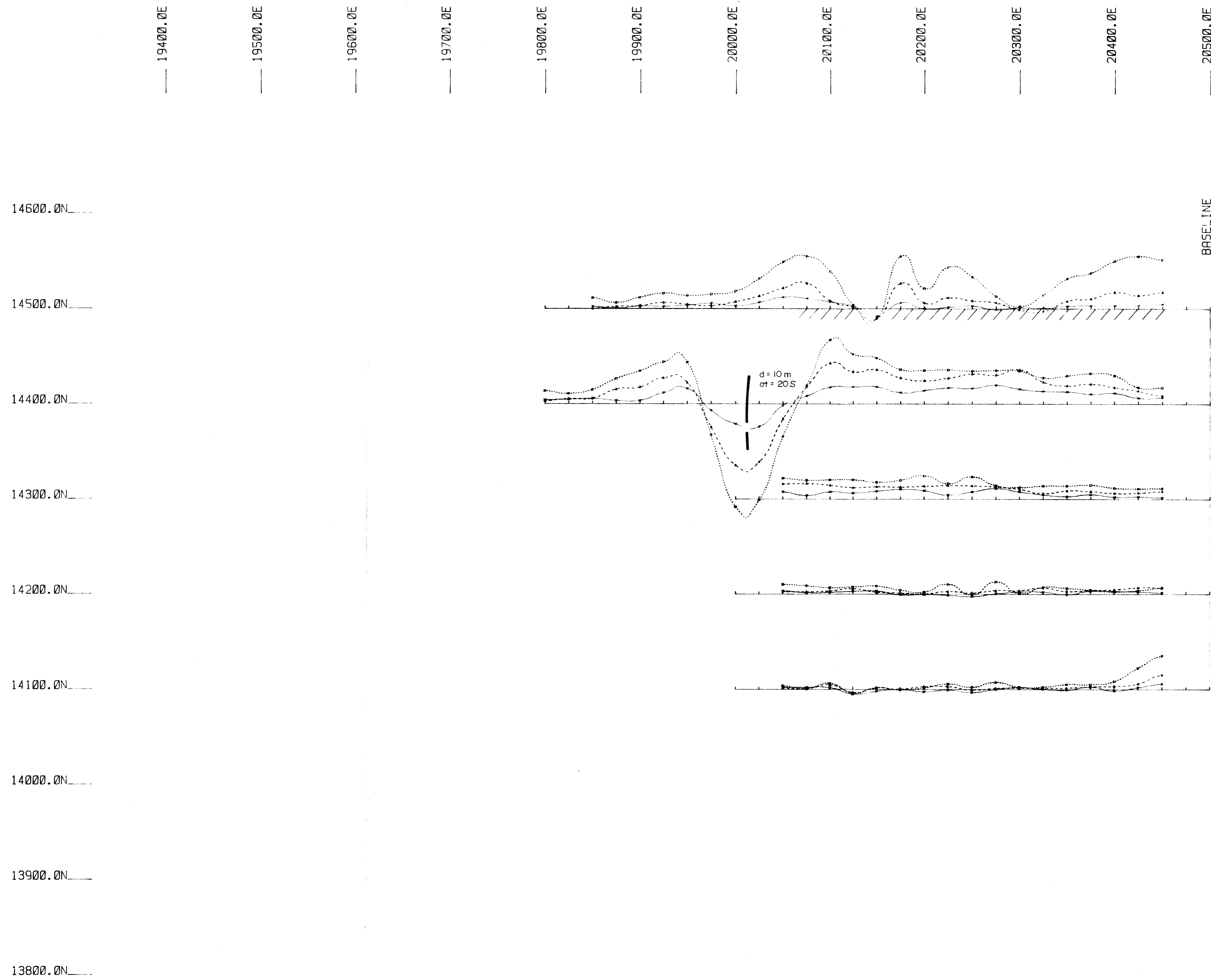


Instrument	: MP-3
Field	: TOTAL
Datum	: 57200.0 nT
Contour Interval	: 50 nT ( 4 passes through a 9 pt. Henning Filter.) ( 8 passes through a 3 pt. Henning Filter.)
Conductor Axis	:



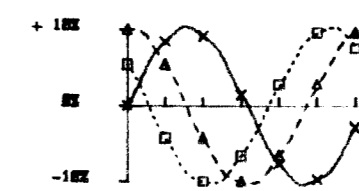
11F	
<b>MAGNETOMETER SURVEY</b>	
( FILTERED CONTOUR PRESENTATION )	
PROJECT: SALMO AIRBORNE	PROJECT #: 0432
BASELINE AZIMUTH : 360 Deg.	
SCALE = 1: 2500	DATE : 10/23/85
SURVEY BY: BH NTS :	
FILE: M43211-.ZAT	
NORANDA EXPLORATION	

**5**



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,373**

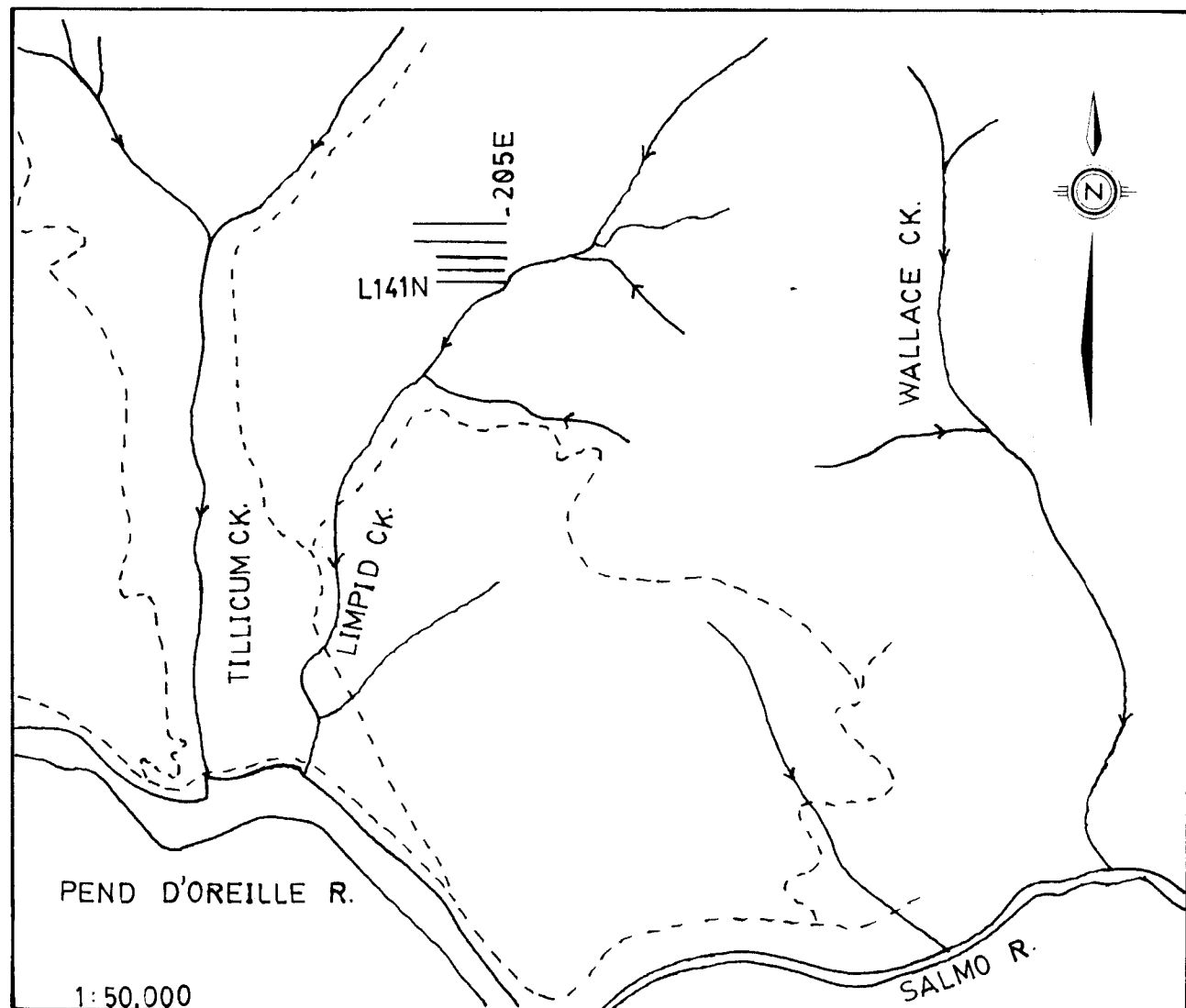
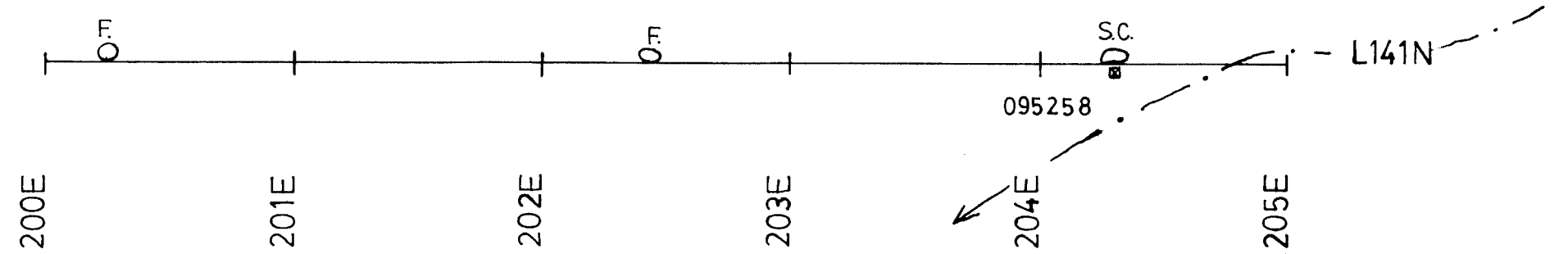
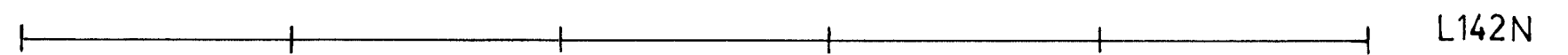
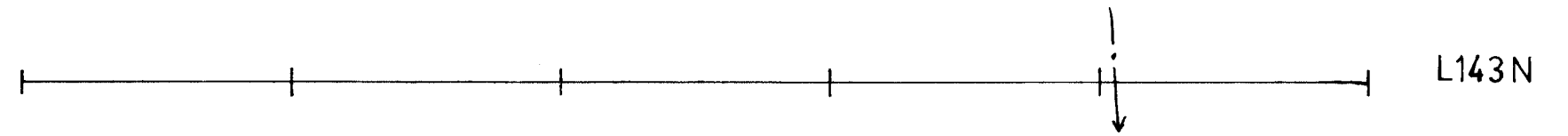
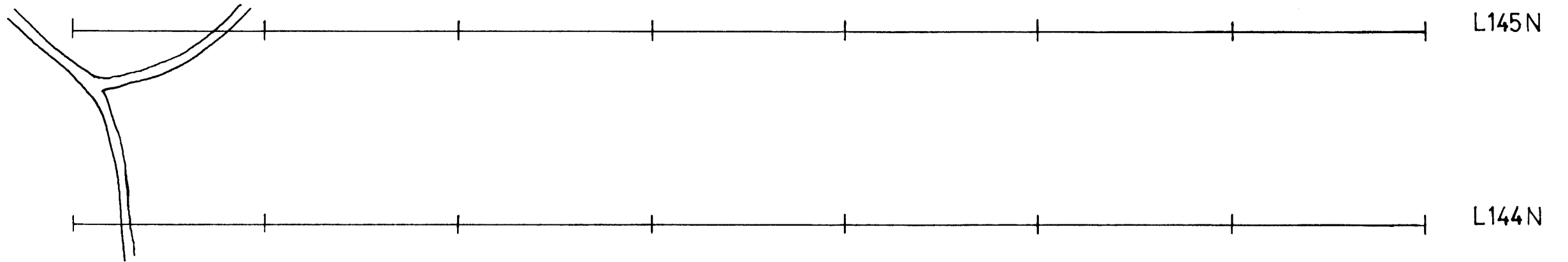
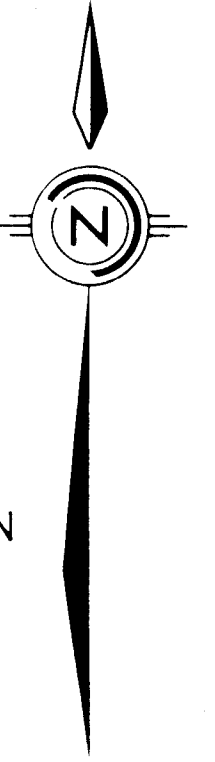


Instrument : SE88  
 Coil Spacing : 100m  
 Ref. Frequency : 112 Hz  
 Vertical Scale : 1 cm = 10%  
 Conductor Axis : ———  
 337 Hz —x—x—  
 1012 Hz —A—A—  
 3037 Hz —o—o—

50m 25m 0m 50m 100m

11F  
 SE-88 SURVEY  
 PROJECT: SALMO AIRBORNE PROJECT # : 0432  
 BASELINE AZIMUTH : 360 Deg.  
 SCALE = 1: 2500 DATE : 10/23/85  
 SURVEY BY: WK/TL NTS :  
 FILE: S432-11F.ZAT  
 NORANDA EXPLORATION

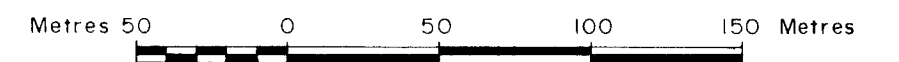




LOCATION MAP

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,373** SCALE  
1: 2500



**LEGEND**

- Road
- Creek
- Float
- Subcrop

REVISED	<b>SALMO PROJECT</b>	
	SWIFT CLAIM GROUP	
	<b>GEOLOGY</b>	
	GRID 11F	
PROJ. No. 432	SURVEY BY: DGG	DATE: JAN. 1986
N.T.S. 82F/3	DRAWN BY: DGG, J.S.	SCALE: 1: 2,500
DWG. No. 7	<b>NORANDA EXPLORATION</b>	
	OFFICE: VANCOUVER	