

82-#791-#10787
11

FAWNIE CREEK GEOCHEMICAL REPORT

on the

ROCKS MINERAL CLAIM

53°12'N - 125°15'E

N.T.S. 93 F/3

GEOLOGICAL BRANCH
ASSESSMENT REPORT Omineca Mining Division

10,787

Owned By: Elizabeth C. Holt

Operated by:

Benamy Holdings Ltd. and
D.W.Coates Enterprises Ltd.

Report by: Edward S. Holt

November 16, 1982

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INTRODUCTION

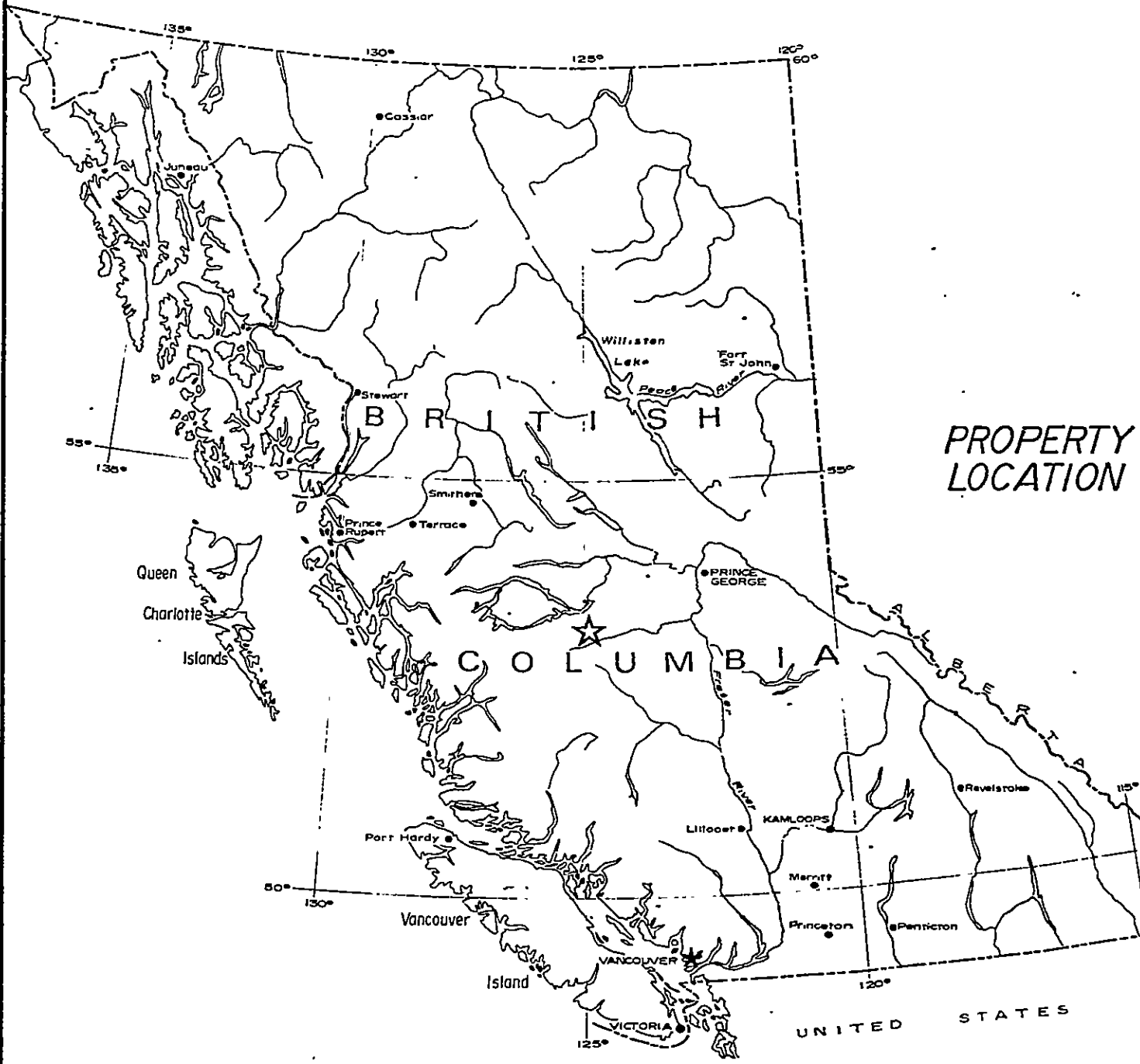
The Rocks mineral claim is located within the Omineca Mining Division in the central interior of British Columbia, approximately 115 kilometres southwest of Vanderhoof. The property lies within the Fawnie Range at elevations of 1000 to 1300 metres.

Access is via the main Kluskus logging road south from Vanderhoof or Engin. The property is dissected by the Kluskus road and extends from kilometre marker 145 to 147.

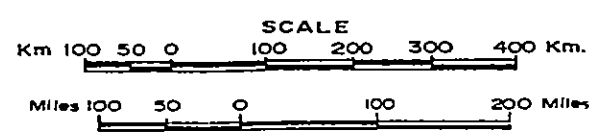
The property was staked in 1981 during a reconnaissance geochemical and prospecting program. Sulphide mineralization was observed in road cuts and subsequent geochemical results confirmed the presence of economic minerals. The claim is owned by E.C. Holt of North Vancouver and funds for the 1982 geochemical survey were provided by Benamy Holdings Ltd. and D.W. Coates Enterprises Ltd.

During the 1982 geochemical survey, 76 soil samples were collected on a 100 metre grid. The results obtained were generally in the range of two to four times background for the area and in isolated locations were as much as ten times background.

The geochemical survey described in this report is part of an exploration program to evaluate the property.



PROPERTY
LOCATION



GEOCHEMICAL SURVEY REPORT

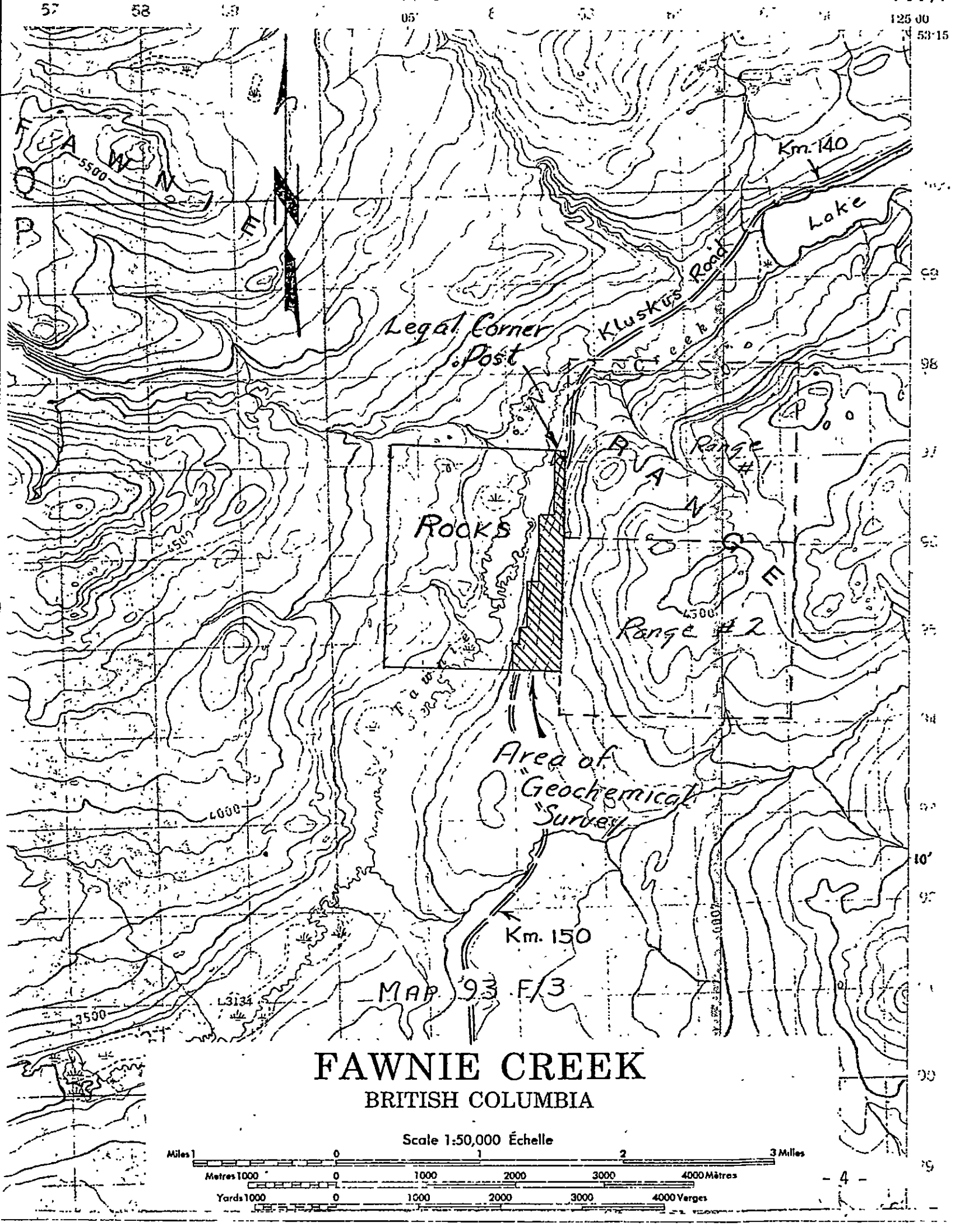
During the period October 18 to 23rd, a geochemical soil sampling survey was carried out on the ROCKS mineral claim. Seventy-six samples were collected from the "B" horizon and submitted to the Min-En Laboratories in North Vancouver for analysis.

The samples were collected on a 100 metre grid covering the eastern portion of the property. This area was selected for initial investigation because of its proximity to the known mineral showings and the relatively shallow overburden. It is also where anomalous values were obtained during the 1981 reconnaissance geochemical survey. The Fawnie Creek valley, in contrast, is covered by low damp ground while the area to the west is essentially unexplored.

All of the samples were analysed for lead, zinc, copper and silver content. As specified on the analytical report appended, the samples were sieved to -80 mesh and analysed by atomic absorption using nitric perchloric digestion.

The rock outcrops observed on the property consist primarily of well bedded argillites and shales with intermixed pyroclastics and one area of andesite in the vicinity of samples 233 and 247. Significant portions of the rock outcrops observed were well fractured and mineralized. The gossan areas are wide spread and extend onto the adjoining "Range" mineral claims to the east. Although road cuts excavated rock several metres below surface, no primary sulphides were observed.

During the 1981 reconnaissance geochemical survey, background values in the

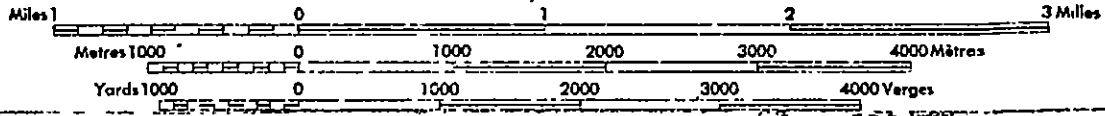


MAP 93 F/3

FAWNIE CREEK

BRITISH COLUMBIA

Scale 1:50,000 Échelle



area were established at:

Zinc	60 ppm
Copper	12 ppm
Lead	14 ppm
Silver	0.4 ppb

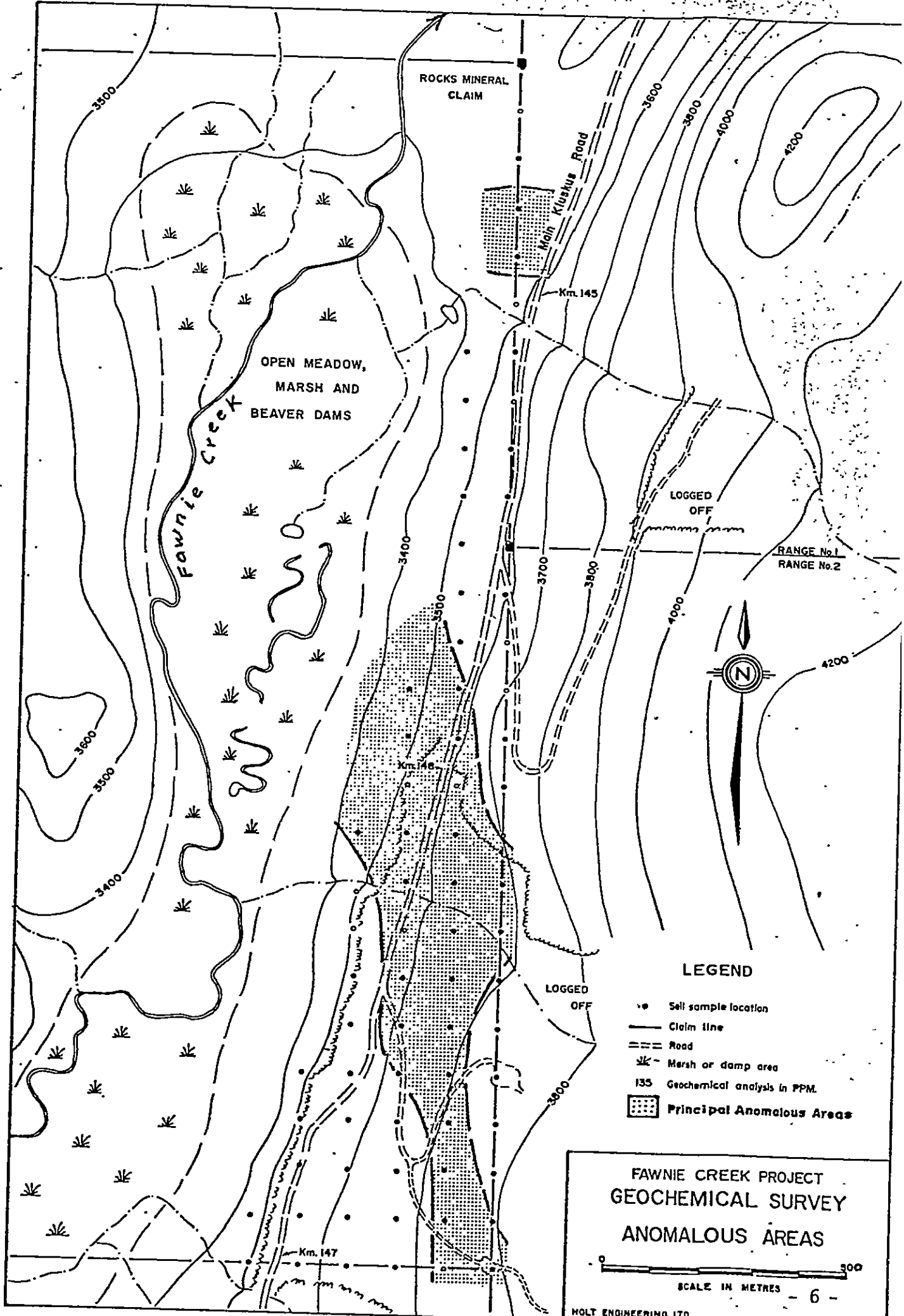
Most of the samples analysed during the 1982 program were anomalous and many were several times background. The plan on the following page illustrates the locations of the main anomalous areas while detail of the individual analytical results are shown on the maps commencing on page 7. The principal anomaly strikes in a general north-south direction, extending off the claim to the south and projecting toward a broad, low swampy area to the north. Rock exposed in road cuts in the vicinity of the anomalies is well mineralized, fractured and moderately altered.

It will be noted from the detailed plans that the anomalous values are not consistent. In this regard, they outline a broad, anomalous area which includes some moderate and some highly anomalous values.



Respectfully submitted,
HOLT ENGINEERING LTD.

Edward S. Holt, P.Eng.



ROCKS MINERAL CLAIM

Main Kluskus Road

Km. 145

OPEN MEADOW,
MARSH AND
BEAVER DAMS

Fawnie Creek

LOGGED OFF

RANGE No. 1
RANGE No. 2

Km. 146

LOGGED OFF

Km. 147

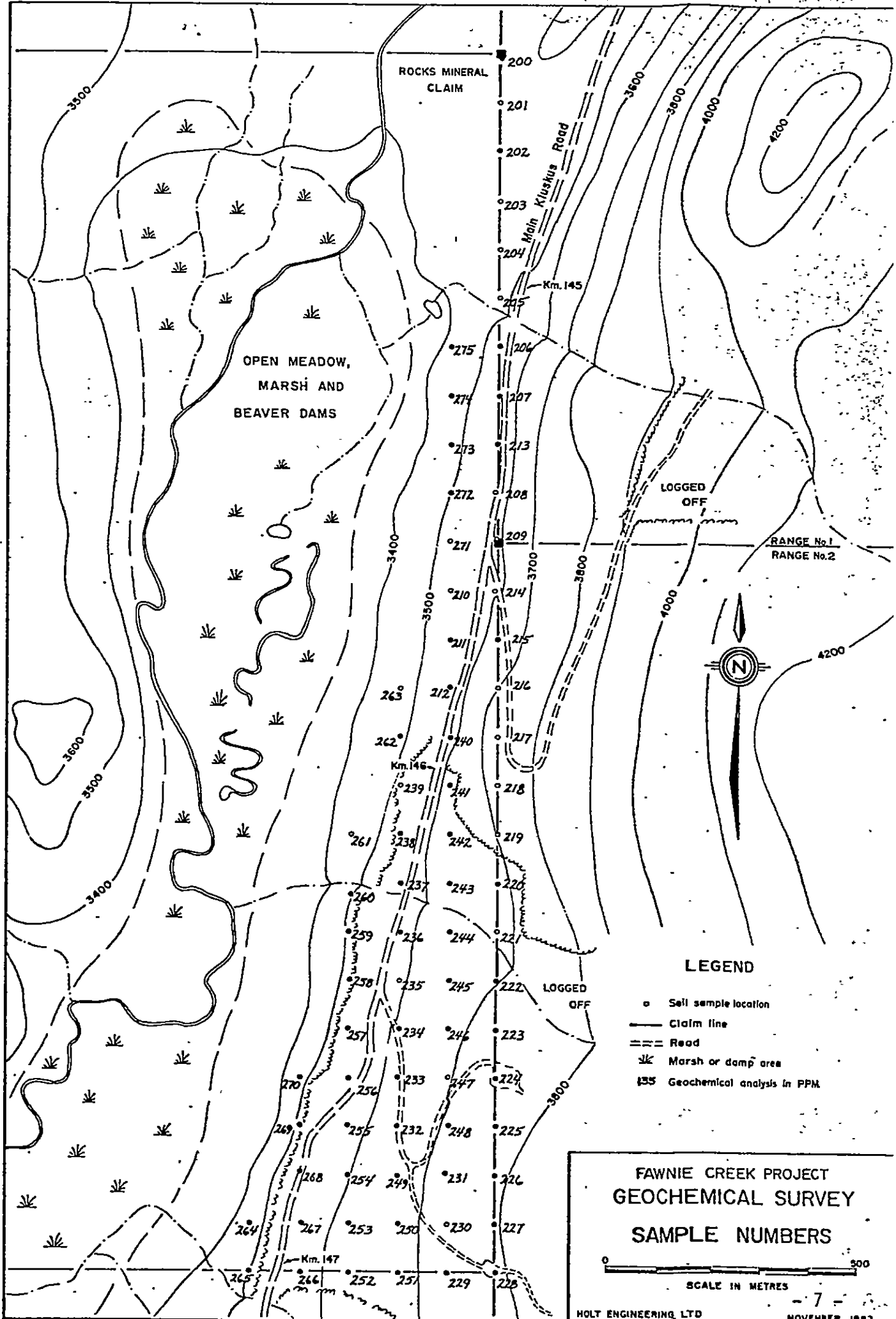
LEGEND

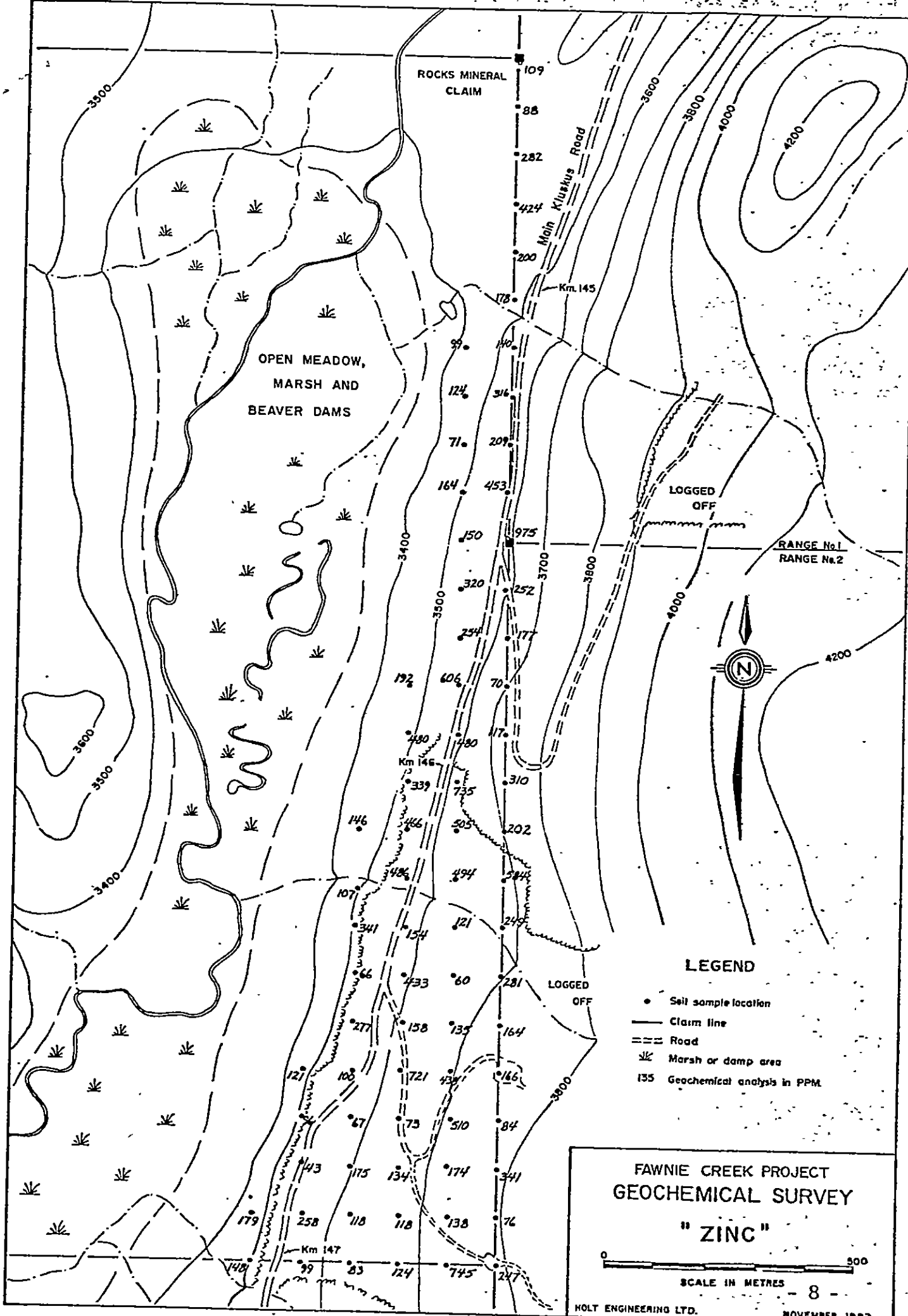
- Sell sample location
- Claim line
- == Road
- ⌘ Marsh or damp area
- 135 Geochemical analysis in PPM.
- ▨ Principal Anomalous Areas

**FAWNIE CREEK PROJECT
GEOCHEMICAL SURVEY
ANOMALOUS AREAS**



SCALE IN METRES - 6 -





ROCKS MINERAL CLAIM

OPEN MEADOW,
MARSH AND
BEAVER DAMS

Main Klusius Road

LOGGED OFF

RANGE No.1
RANGE No.2

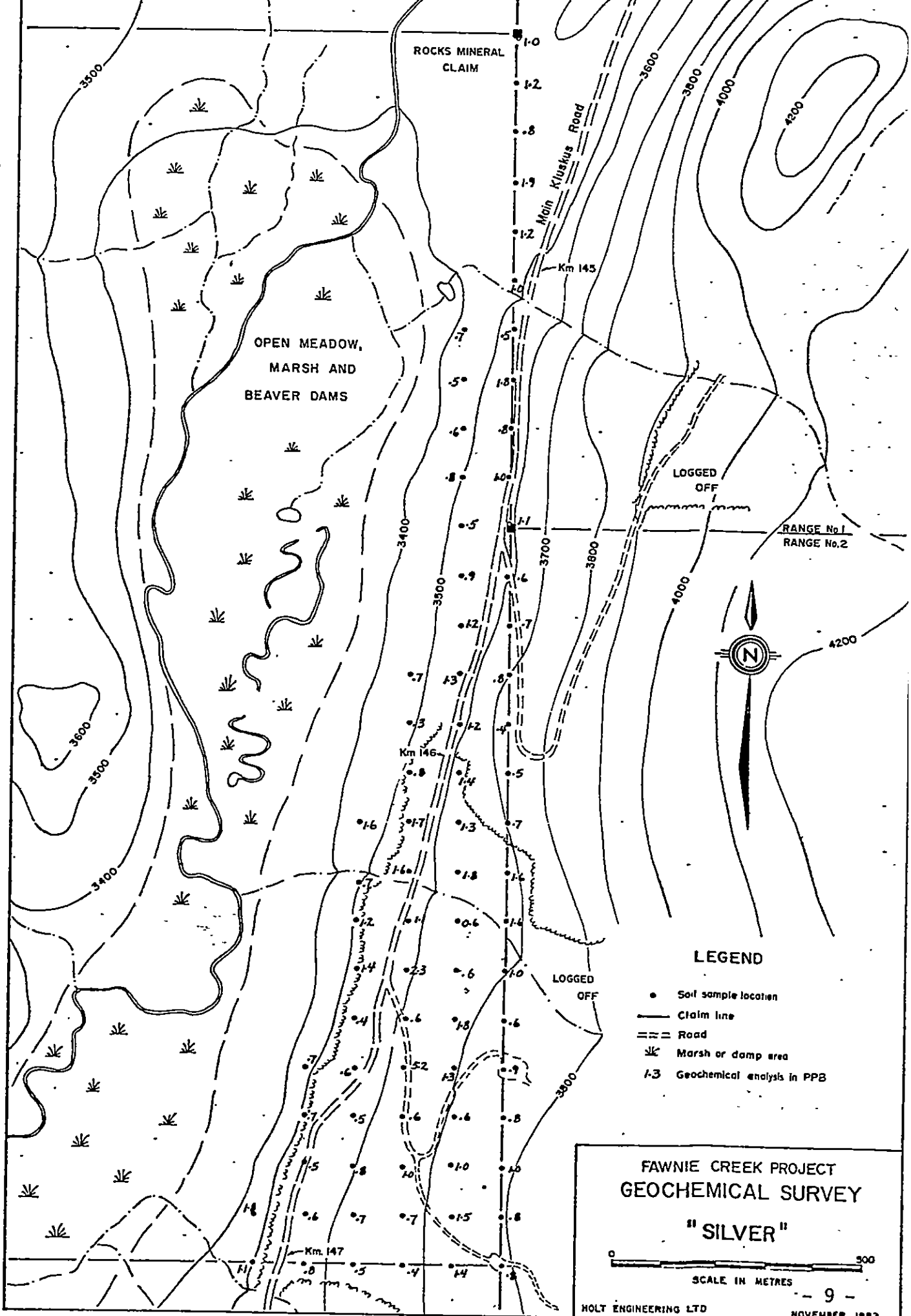
LEGEND

- Soil sample location
- Claim line
- == Road
- ☼ Marsh or damp area
- 135 Geochemical analysis in PPM.

FAWNIE CREEK PROJECT
GEOCHEMICAL SURVEY

"ZINC"

0 500
SCALE IN METRES - 8 -



ROCKS MINERAL CLAIM

OPEN MEADOW,
MARSH AND
BEAVER DAMS

Main Kluskus Road
Km 145

LOGGED OFF

RANGE No.1
RANGE No.2

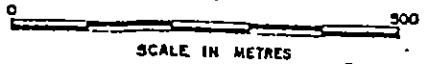


LEGEND

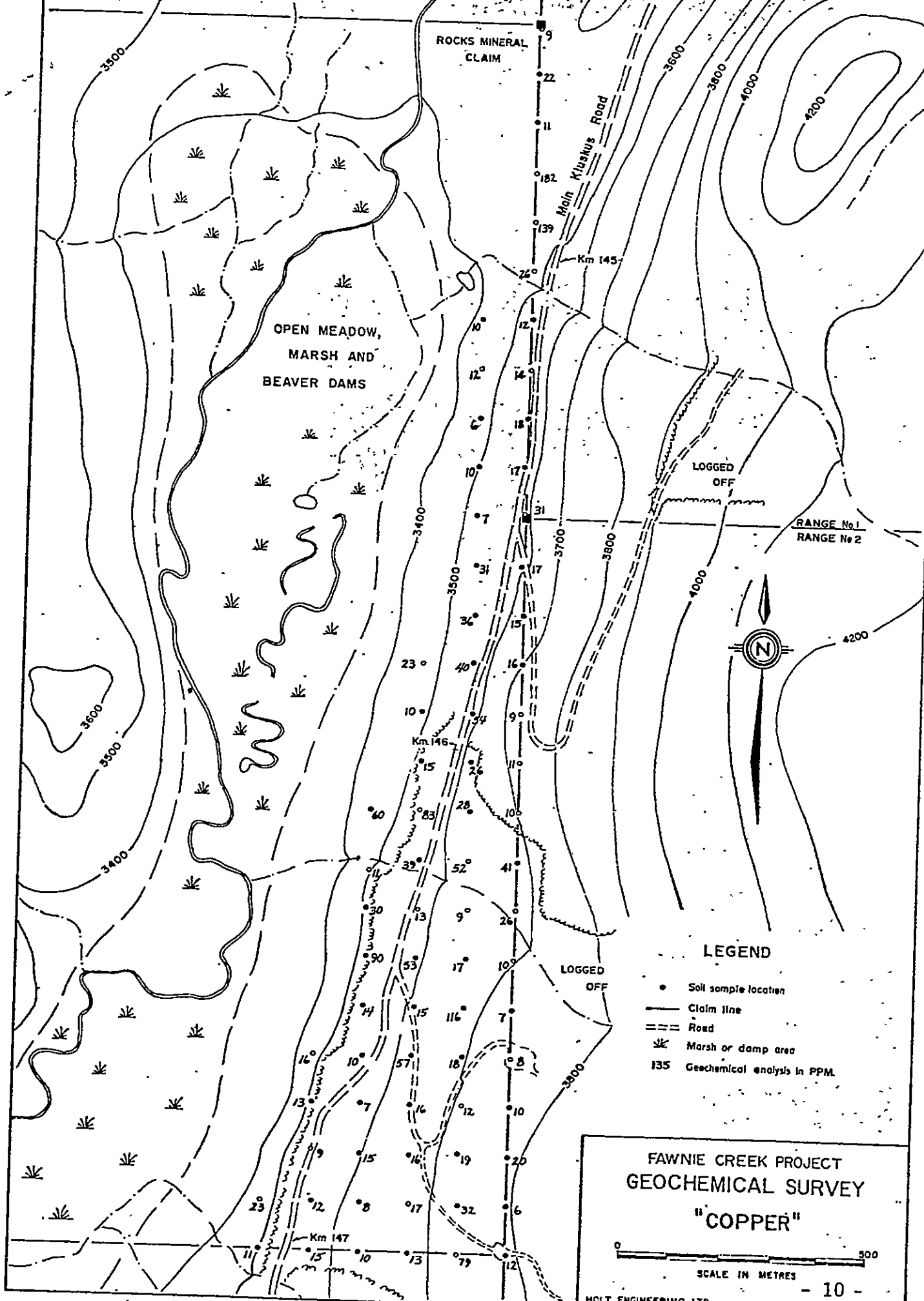
- Soil sample location
- Claim line
- == Road
- ⌘ Marsh or damp area
- 1.3 Geochemical analysis in PPB

FAWNIE CREEK PROJECT
GEOCHEMICAL SURVEY

"SILVER"



SCALE IN METRES



ROCKS MINERAL CLAIM

OPEN MEADOW,
MARSH AND
BEAVER DAMS

Main Kluskus Road

LOGGED OFF

RANGE No 1
RANGE No 2

LEGEND

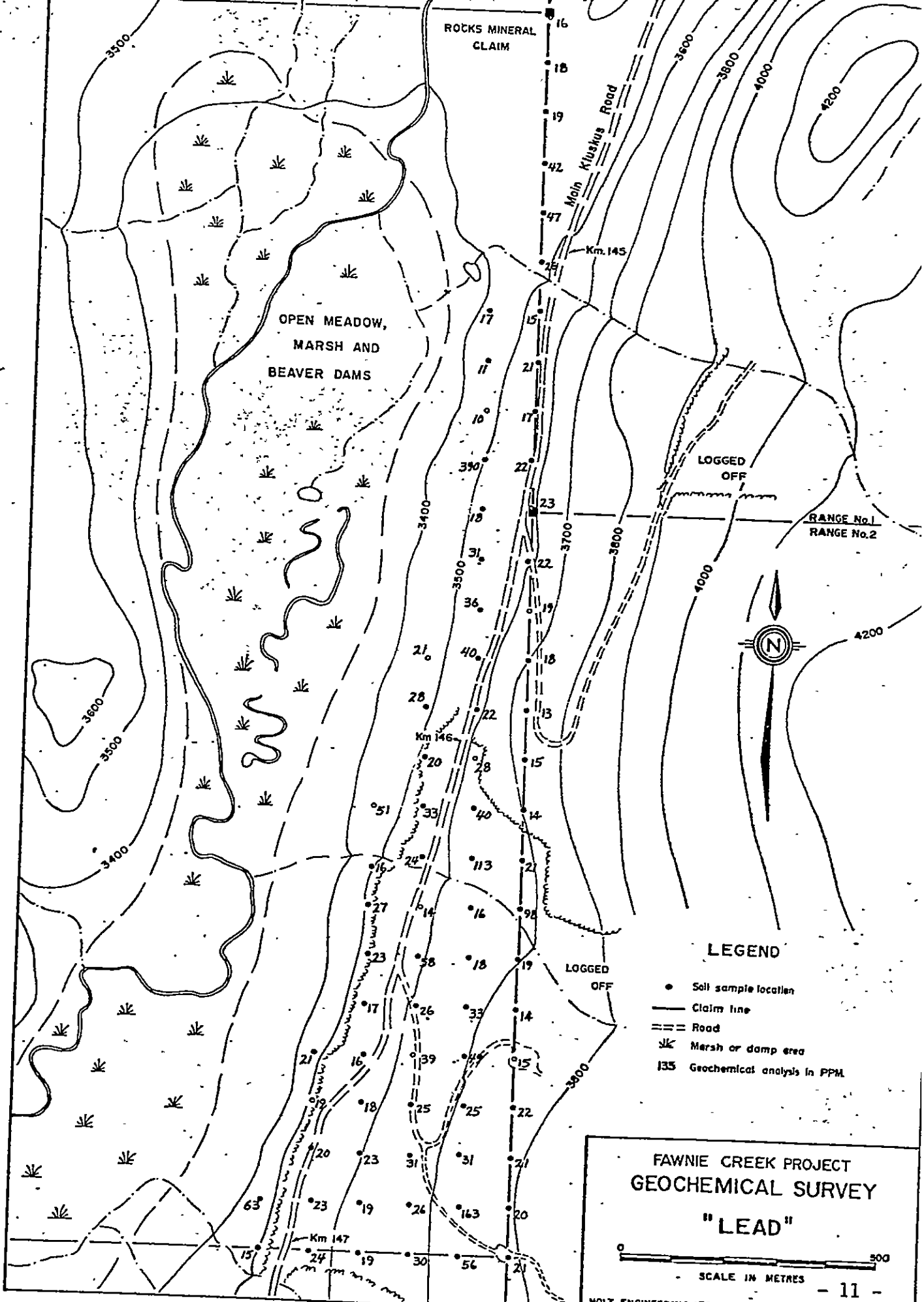
- Soil sample location
- Claim line
- == Road
- ☙ Marsh or damp area
- 135 Geochemical analysis in PPM.

FAWNIE CREEK PROJECT
GEOCHEMICAL SURVEY
"COPPER"



HCLT ENGINEERING LTD

- 10 -
NOVEMBER, 1982



ROCKS MINERAL CLAIM

OPEN MEADOW,
MARSH AND
BEAVER DAMS

Main Kluskus Road

Km. 145

Km 146

Km 147

LOGGED OFF

RANGE No. 1
RANGE No. 2

LEGEND

- Soil sample location
- Claim line
- == Road
- Marsh or damp area
- 135 Geochemical analysis in PPM

FAWNIE CREEK PROJECT
GEOCHEMICAL SURVEY

"LEAD"



APPENDIX A

STATEMENT OF SURVEY COSTS

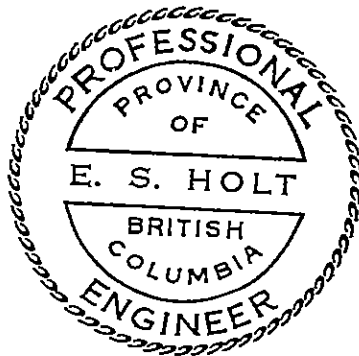
Field Survey (Oct. 17 to 23rd)		
E.S. Holt 6.5 days @\$350	\$2275	
Report Preparation Nov. 15,16 &17)		
E.S. Holt 1.5 days 2 \$350	525	
E.C. Holt .5 days @ \$250	<u>125</u>	
 Total Engineering		 \$2925.00
 DISBURSEMENTS:		
C.P.Air (Vancouver, Pr.George return)	\$239.75	
Vacationland Camper Van Rentals	326.10	
Min-En Laboratories (Geochemical analysis)	421.80	
B.C. Telephone	7.32	
Western Technical Supply (reproduction)	4.16	
Esso (fuel)	49.20	
Vanderhoof Co-Op (fuel)	20.02	
Vanderhoof Co-Op (groceries)	63.85	
Meals	12.95	
Field Supplies	26.77	
Airport parking	<u>13.50</u>	
		<u>1185.42</u>
 TOTAL COST		 \$4110.42

APPENDIX B

STATEMENT OF QUALIFICATIONS

I, Edward S. Holt of North Vancouver, British Columbia, do hereby certify:

1. that I am a geologist residing at 4091 St. Albans Ave,
North Vancouver, British Columbia,
2. that I am a professional engineer registered in the province
of British Columbia,
3. that I am employed by Holt Engineering Ltd., 4091 St.
Albans Avenue, North Vancouver, British Columbia,
4. that I have practiced my profession for more than 20 years
and
5. that I have a personal knowledge of the Rocks mineral claim
at Fawnie Creek in the omineca Mining Division, British
Columbia, having personally spent several days on the
property collecting soil samples and examining rock
exposures.



A handwritten signature in black ink that reads "E. S. Holt".

Edward S. Holt, P.Eng

November 17, 1982

APPENDIX C

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project 101-4 Date of report Oct. 22/82.....
File No. 2-844 Date samples received Oct. 21/82.....
Samples submitted by: Ed Holt
Company: Holt Engrg.
Report on: 76 soils Geochem samples
.....
..... Assay samples

Copies sent to:

1. Holt Engrg., North Vancouver, B.C.
2.
3.

Samples: Sieved to mesh -80 Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: nitric, perchloric digestion. A.A.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPAN Holt Engrg.

GEOCHEMICAL ANALYSIS DATA SHEET

FILE No. 2-84

PROJECT No.: 101-4

MIN - EN Laboratories Ltd.

DATE: Oct. 2

ATTENTION: Ed Holt

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1982.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
6 81	10 86	15 90	20 95	25 100	30 105	35 110	40 115	45 120	50 125	55 130	60 135	65 140	70 145	75 150	80 155
200		9	16	109				10							
201		22	18	88				12							
202		11	19	282				08							
203		182	42	424				19							
204		139	47	200				12							
205		26	26	178				10							
206		12	15	140				05							
207		14	21	316				18							
208		17	22	209				10							
209		19	23	975				11							
210		31	14	320				09							
211		36	18	254				12							
212		40	21	606				13							
213		18	17	453				08							
214		17	22	252				06							
215		15	19	177				07							
216		16	18	70				08							
217		9	13	117				04							
218		11	15	310				05							
219		10	14	202				07							
220		41	21	584				16							
221		26	98	249				16							
222		10	19	281				10							
223		7	14	164				06							
224		8	15	166				09							
225		10	22	84				08							
226		20	21	341				10							
227		6	20	176				08							
228		12	21	247				08							
229		79	56	745				14							

Ed Holt

COMPAN Holt Engrg.

PROJECT No.: 101-4

ATTENTION: Ed Holt

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

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

PHONE (604) 980-5814

FILE No. 2-84

DATE: Oct.

1982.

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Sample No.	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155
230		32	163	138			15								
231		19	31	174			10								
232		16	25	73			06								
233		57	39	721			52								
234		15	26	158			06								
235		53	58	433			23								
236		13	14	154			11								
237		39	24	486			16								
238		83	33	466			17								
239		15	20	339			08								
241		54	22	480			12								
241		26	28	735			14								
242		28	40	505			13								
243		52	113	494			18								
244		9	16	121			06								
245		17	18	60			06								
246		116	33	135			18								
247		18	49	438			13								
248		12	25	510			07								
249		16	31	134			10								
250		17	26	118			07								
251		13	30	124			04								
252		10	19	83			05								
253		8	19	118			07								
254		15	23	175			08								
255		7	18	67			05								
256		10	16	100			06								
257		14	17	277			04								
258		90	23	66			14								
259		30	27	341			12								

REC'D 25 1982

[Handwritten signature]

COMPAN Holt Engrg.

PROJECT No.: 101-4

ATTENTION: Ed Holt

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE NO. 2-84

DATE: Oct. 2

1982.

6 Sample. Number	10 Mo ppm	15 Cu ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co ppm	40 Ag ppm	45 Fe ppm	50 Hg ppb	55 As ppm	60 Mn ppm	65 Au ppb	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155
2,6,0		11	16	107			0.7								
2,6,1		6.0	5.1	14.6			1.6								
2,6,2		10	2.8	18.4			0.3								
2,6,3		16	2.1	19.2			0.7								
2,6,4		23	6.3	17.9			1.8								
2,6,5		11	1.5	14.8			1.1								
2,6,6		15	2.4	9.9			0.8								
2,6,7		1.2	2.3	25.8			0.6								
2,6,8		9	2.0	4.3			0.5								
2,6,9		1.3	1.9	9.6			0.7								
2,7,0		1.6	2.1	12.1			0.7								
2,7,1		7	1.8	15.0			0.5								
2,7,2		10	3.9	16.4			0.8								
2,7,3		6	1.0	7.1			0.6								
2,7,4		1.2	1.1	12.4			0.5								
2,7,5		1.0	1.7	9.9			0.7								

Ed Holt