

84-1262-13109

GEOCHEMICAL REPORT

ON THE

GUN CREEK MINERAL CLAIM GROUP

LILLOOET MINING DIVISION

NTS 92J/15

50°55'N 122°55'W

Owned by

Randy Polischuk

Operated by

Petroflame International Resources Ltd.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13.109

By E.S. Holt, P.Eng. (B.C.)

November 7, 1984

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INTRODUCTION

The Gun Creek mineral claims are located within the Lillooet Mining Division in the southern interior of British Columbia, 9 kilometres northwest of the village of Gold Bridge and approximately 160 kilometres north of Vancouver.

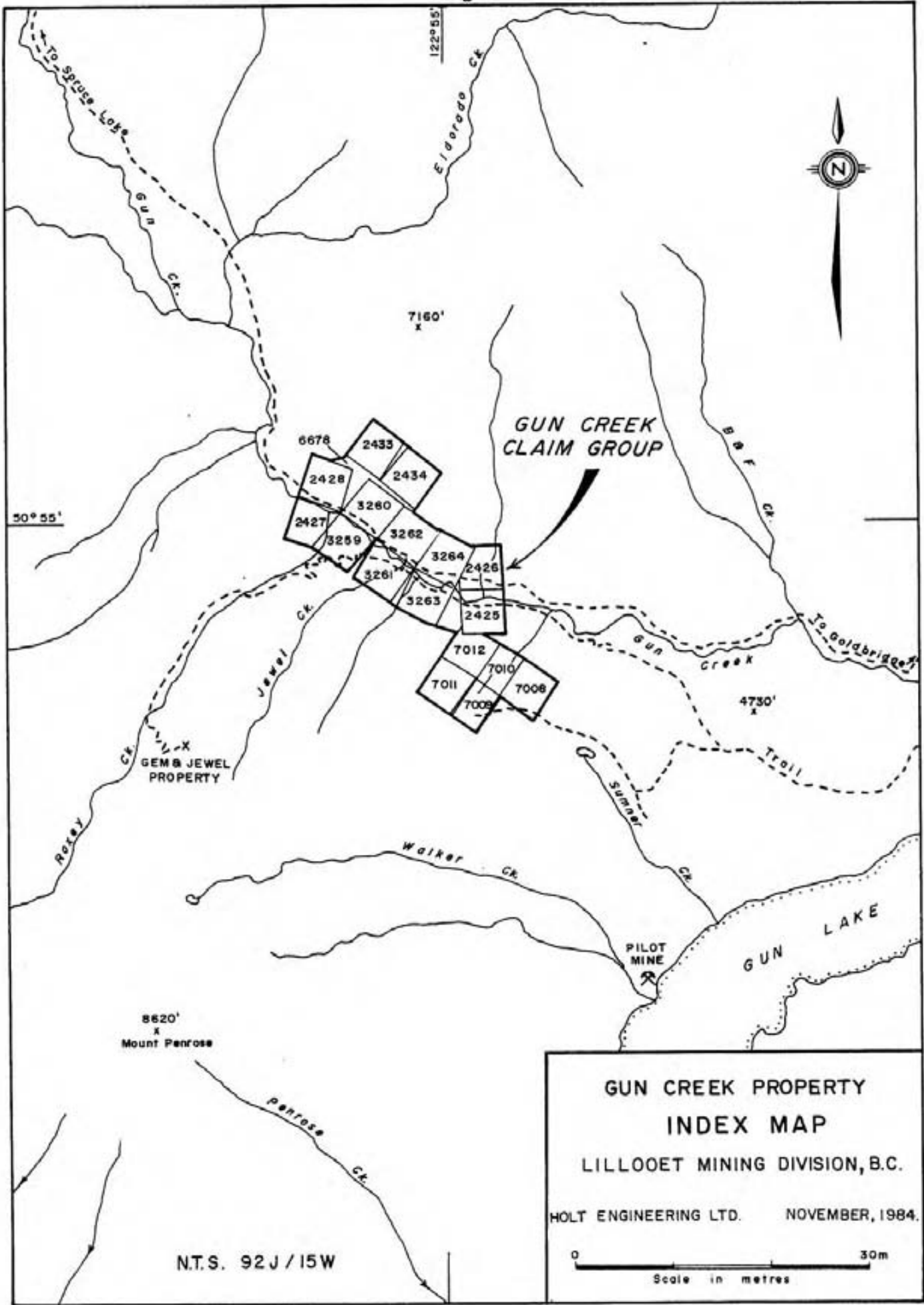
The property is accessible from Gold Bridge or Lillooet via their connecting highway and a combination of local roads. The approximate distances are:

	<u>From Lillooet</u>	<u>From Gold Bridge</u>
Lillooet-Bridge River Hwy	86.0 km	12.4 km
NNW on Tyaughton Lake Rd.	3.4	3.4
West on Gun Creek road	12.6	12.6
	<hr/>	<hr/>
Total Distance	102.0 km	28.4 km

The final 6 kilometres are restricted to 4-wheel drive vehicles and are commonly blocked by mud slides in the spring.

The claim group consists of 19 reverted Crown-granted mineral claims. They are currently registered under the name of Mr. Randy Polischuk of Lillooet, B.C. and operated by Petroflame International Resources Ltd. with offices at 1020 - 475 Howe Street in Vancouver. The claim holding consists of the following:

<u>Record No</u>	<u>Name</u>	<u>Lot No.</u>	<u>Hectares</u>
2732	Surrey	2425	20.90
2733	Lytton	2426	17.83
2734	High Tor 7	2427	44.39
2735	High Tor 8	2428	31.65
2736	Red Bluff 2	2433	46.77



**GUN CREEK PROPERTY
INDEX MAP**
LILLOOET MINING DIVISION, B.C.
HOLT ENGINEERING LTD. NOVEMBER, 1984.

0 30m
Scale in metres

N.T.S. 92J/15W

2737	Red Bluff 1	2434	51.65
2738	High Tor 1	3259	51.65
2739	High Tor 2	3260	51.65
2740	High Tor 3	3261	20.90
2741	High Tor 5	3263	20.90
2742	High Tor 6	3264	19.43
2748	High Tor #2fr.	6678	24.72
2749	Gold Pass 10	7008	19.32
2750	Gold Pass 11	7009	13.37
2751	Gold Pass 12	7010	13.37
2752	Gold Pass 13	7011	20.90
2753	Gold Pass 14	7012	19.30
2754	High Tor #5fr.	6681	7.68
2755	High Tor 4	3262	20.48

The Gun Creek claim group was the subject of considerable prospecting and minor development work during the mid 1930s and has been explored on a sporadic basis since that time. A geochemical soil sampling survey was carried out over a significant portion of the claims by Kerr Dawson and Associates Ltd during 1980 and the 1984 program was designed to provide more detail in areas where anomalous conditions had been indicated. The work consisted primarily of:

- locating and re-establishing the 1980 survey grid,
- collecting 48 soil samples for geochemical analysis,
- reconnaissance geology both on and off the property, and
- search for and examination of prior workings.

The above mentioned geochemical work was concentrated on the Surrey, High Tor 5 and Gold Pass 14 mineral claims. The on-site work occurred during the period October 28 to 31 inclusive.

GENERAL DESCRIPTION

The claim group is located in the gold mining area of Bridge River, within the Gun Creek valley. The topography of the region is fairly rugged with elevations on the claims ranging from 1030 to 1650 metres. Rock exposures are common along the north side of Gun Creek; however, the south side is essentially void of outcrops except at higher elevations. Volcanic ash, up to a metre thick, blankets the entire area and tends to further obscure possible rock outcrops.

The claims are covered by virgin forest which is mature and dense on the south side of Gun Creek, but grades into sparsely covered pine above the valley bottom to the north.

The Bridge River area is situated on the eastern front of the Coast Range and includes rock formations ranging in age from Pennsylvanian to Recent. The main Coast Range Batholith lies approximately 20 kilometres northwest, while other minor related bodies of similar granitic composition occur in the immediate area.

Exploration and mining activity in the region has shown that a geologic unit known as the "Bralorne Pioneer Plug" has been particularly favoured with gold concentrations. Other smaller deposits occur primarily in the Fergusson series which consists of thin-bedded cherts, argillites and volcanics which are characterized by pillows and amygdules.

The northern half of the claim group consists of a dioritic intrusive which may be related to the favourable Bralorne intrusives of the productive Gold Bridge area to the south. It cuts andesitic volcanics thought to be part of the Pioneer and/or Hurley Formations.

The geologic setting on the south side of Gun Creek is poorly exposed and possibly more complex. A relatively large granitic intrusive lies within 2 kilometres to the south west of the claims forming precipitous peaks characteristic of the coast range. The central and southern claims are underlain by the Fergusson Group with the known exception of an ultra basic intrusive which was not observed in the outcrop, but was strongly inferred from other evidence. A number of one metre pits dug to obtain soils below the recent ash layer encountered extensive, partially decomposed, pyroxenes while some float material was found in the same general area. The most persistent evidence was in the vicinity of samples 203 to 205 and 119.

The ultra basic rocks intrude units of the Fergusson Group which extend to the south west.

Rumors of previous development work on the property instigated a limited search for any evidence of old diggings. The only previous development work discovered was one large pit near the centre of lot 3262. It was in an area of highly silicified massive rocks carrying fine disseminated pyrite. A sample of this material assayed 0.01 gram per tonne Au and 2.0 grams per tonne Ag.

GEOCHEMICAL REPORT

The geochemical soil sampling survey and related activities were carried out by E. S. Holt and Brian Chase during the period October 28 to 31 inclusive.

The soil horizons of the Gun Creek mineral claims are somewhat unusual in that a blanket of very light, porous ash covers the entire Gold Bridge region. Topsoil is poorly developed and the B and C horizons are located below the ash blanket which varied from 20 to 100 centimetres deep. The soil samples were collected from the brown soil horizon immediately below the ash.

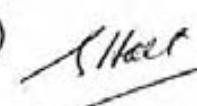
The grid system laid out by Kerr, Dawson and Associates Ltd. in 1981 served as control for the sampling stations. The grid system was remarked and expanded to provide intermediate lines in the areas of previous anomalous response.

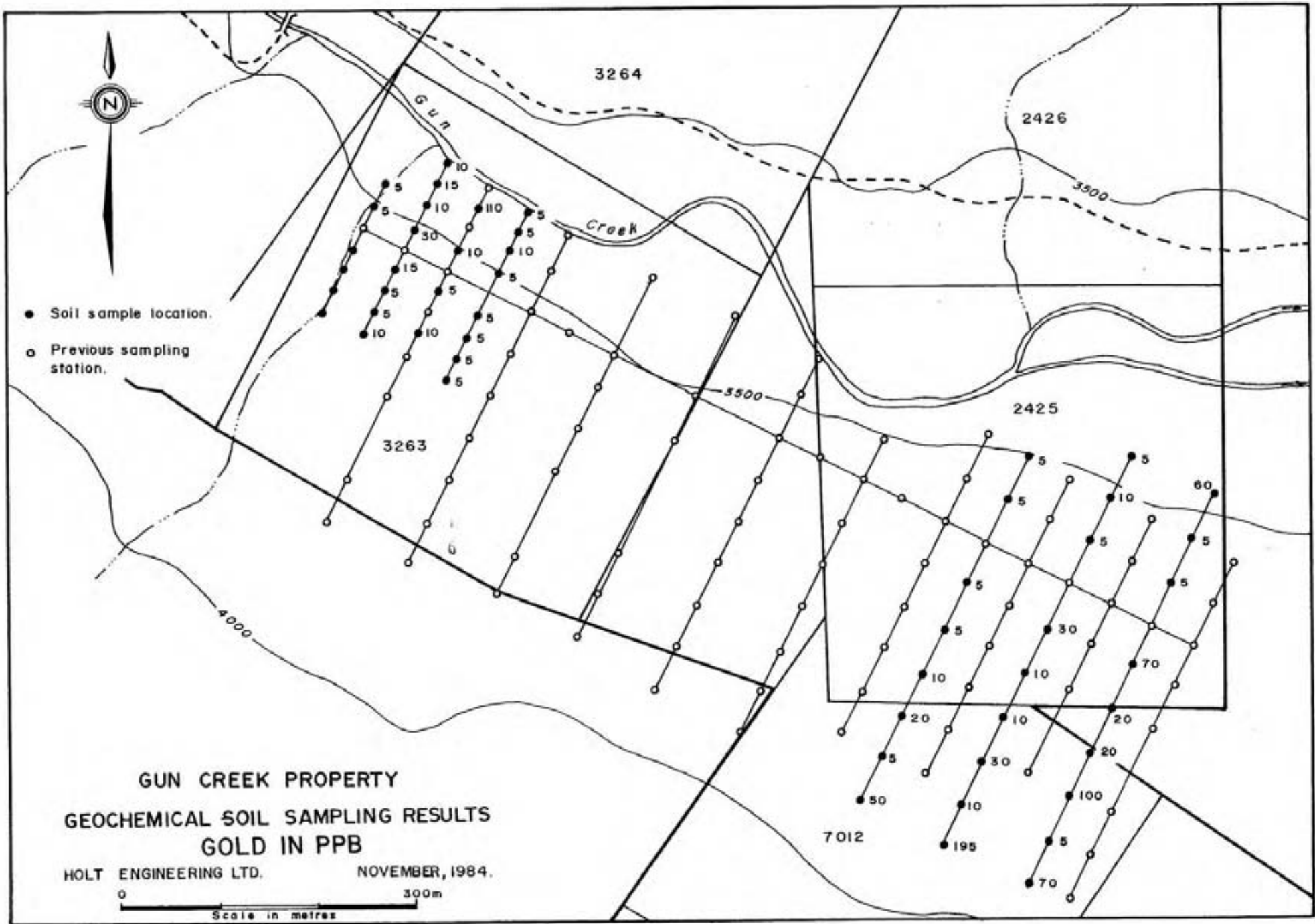
A total of 48 soil samples were collected from two areas of interest. The samples were placed in waterproof kraft envelopes and delivered to the Min-En Laboratory in North Vancouver for geochemical analysis. Au content was determined by aqua regia A.A. while the Ag, As, Cu, Pb and Zn values were derived from ICP Analysis.

Drawings illustrating the geochemical results for each of the six elements have been prepared. As will be noted, anomalous conditions are restricted to a few scattered locations. In general, they did not confirm the more encouraging results obtained during 1981 and in this regard must be considered disappointing.



Respectfully submitted,


E.S. Holt, P.Eng.



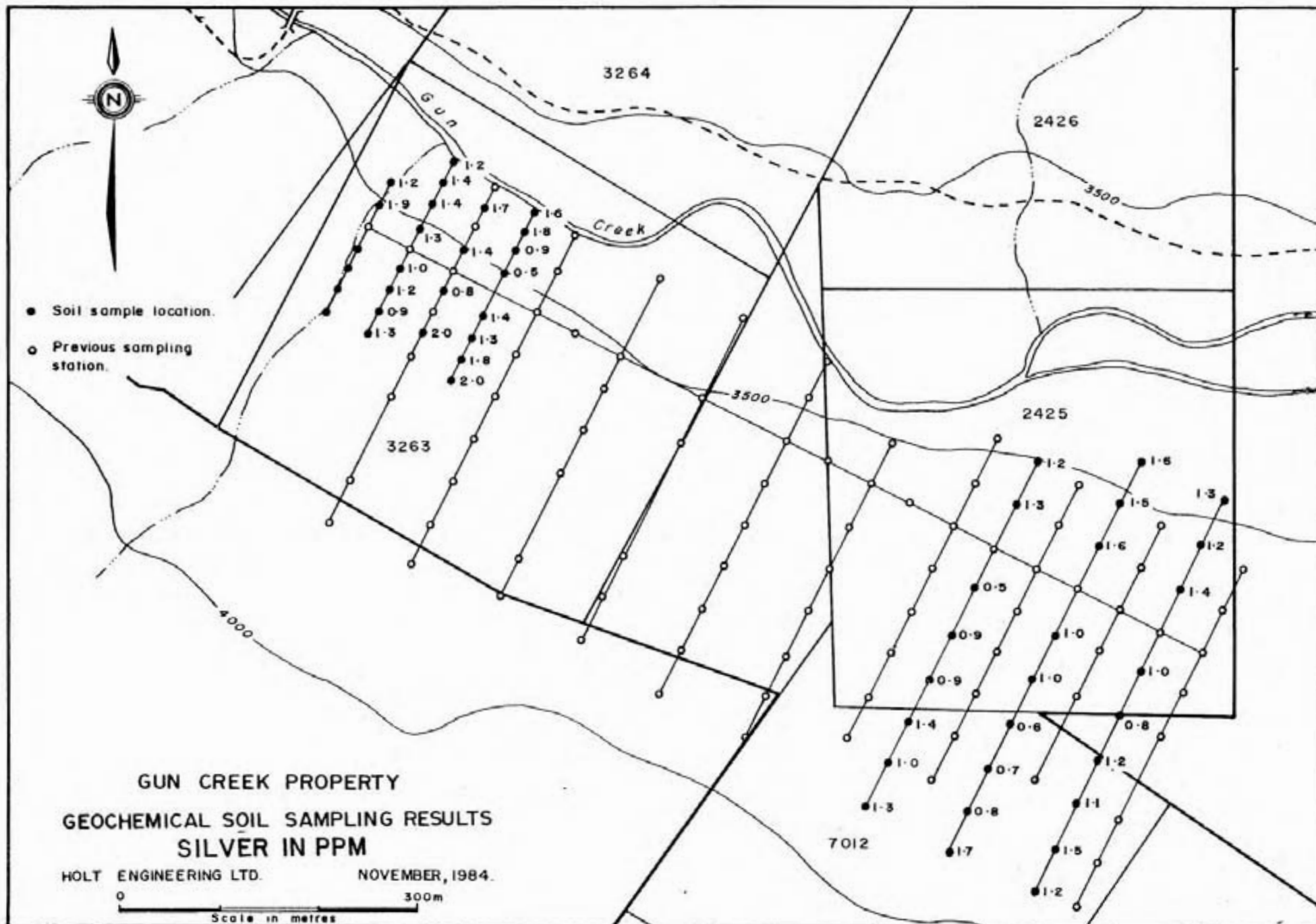
- Soil sample location.
- Previous sampling station.

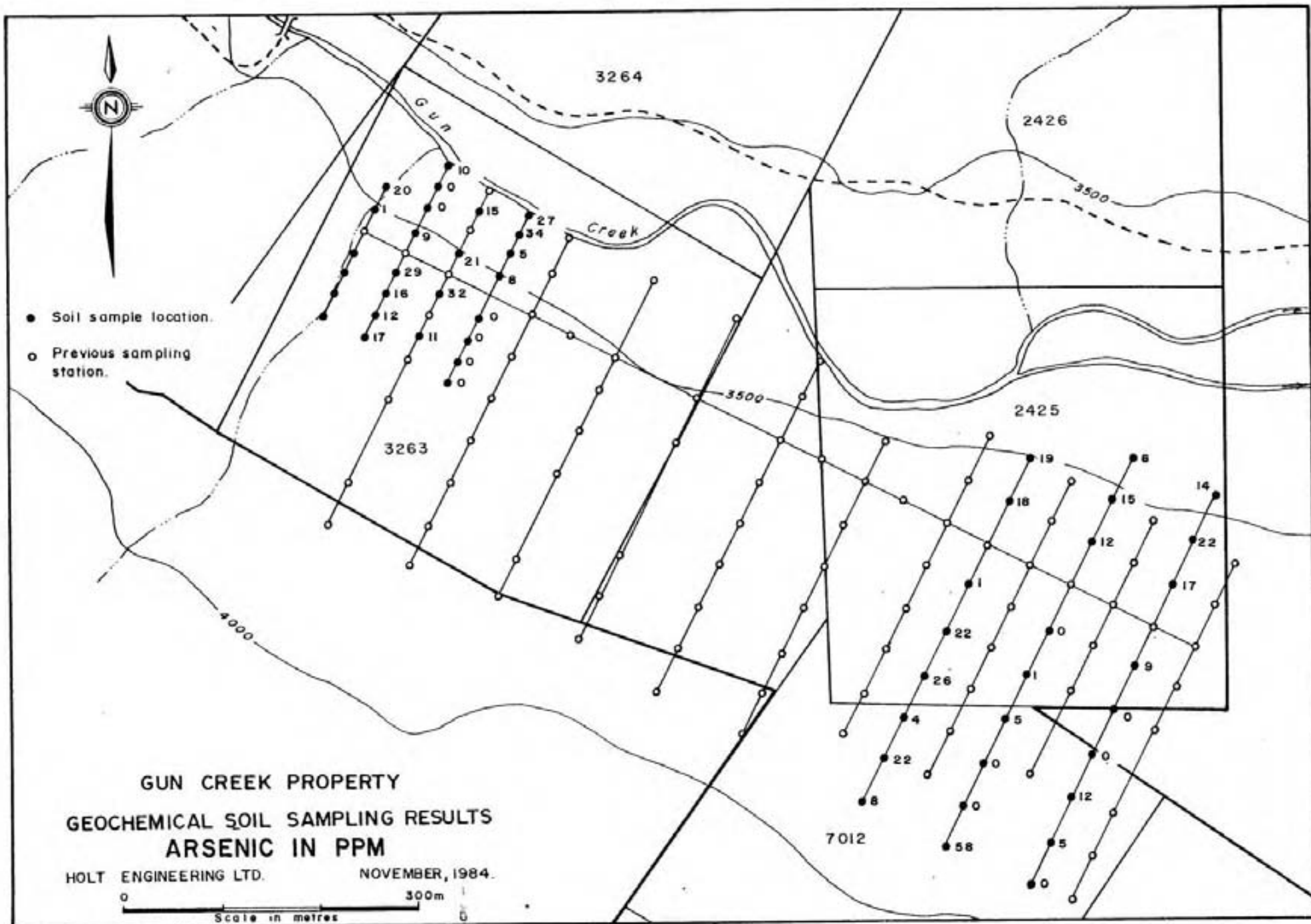
GUN CREEK PROPERTY

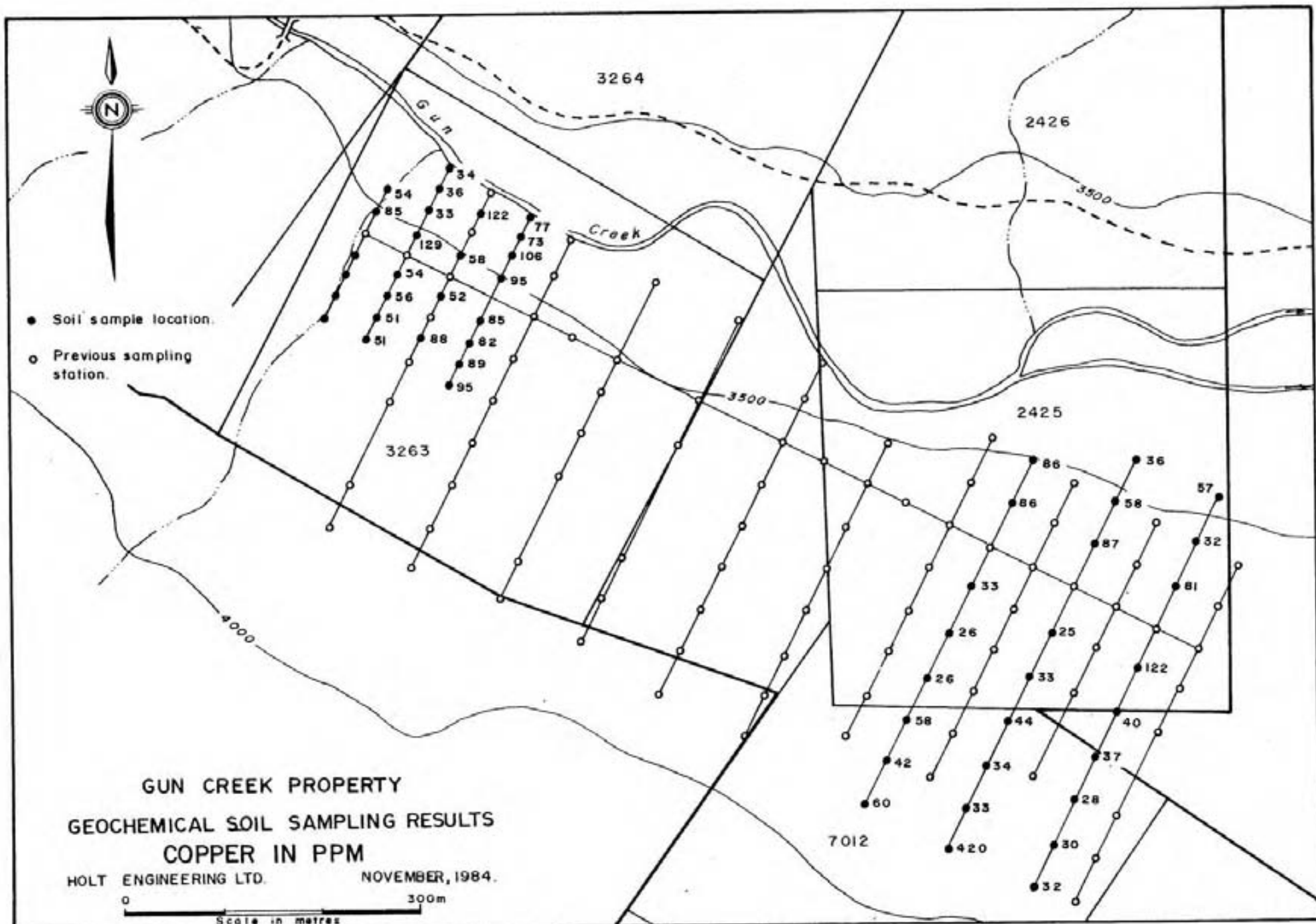
GEOCHEMICAL SOIL SAMPLING RESULTS GOLD IN PPB

HOLT ENGINEERING LTD. NOVEMBER, 1984.





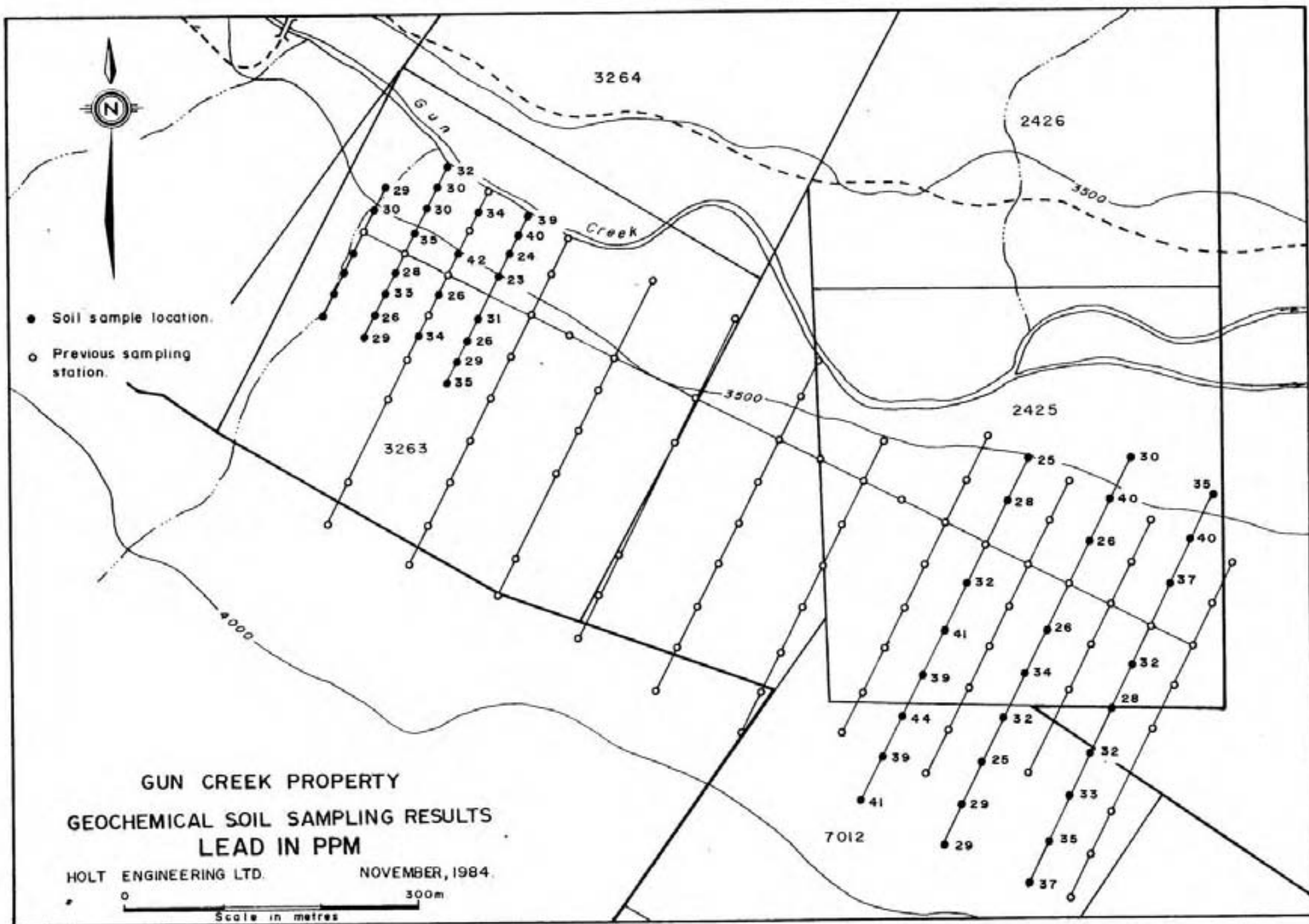


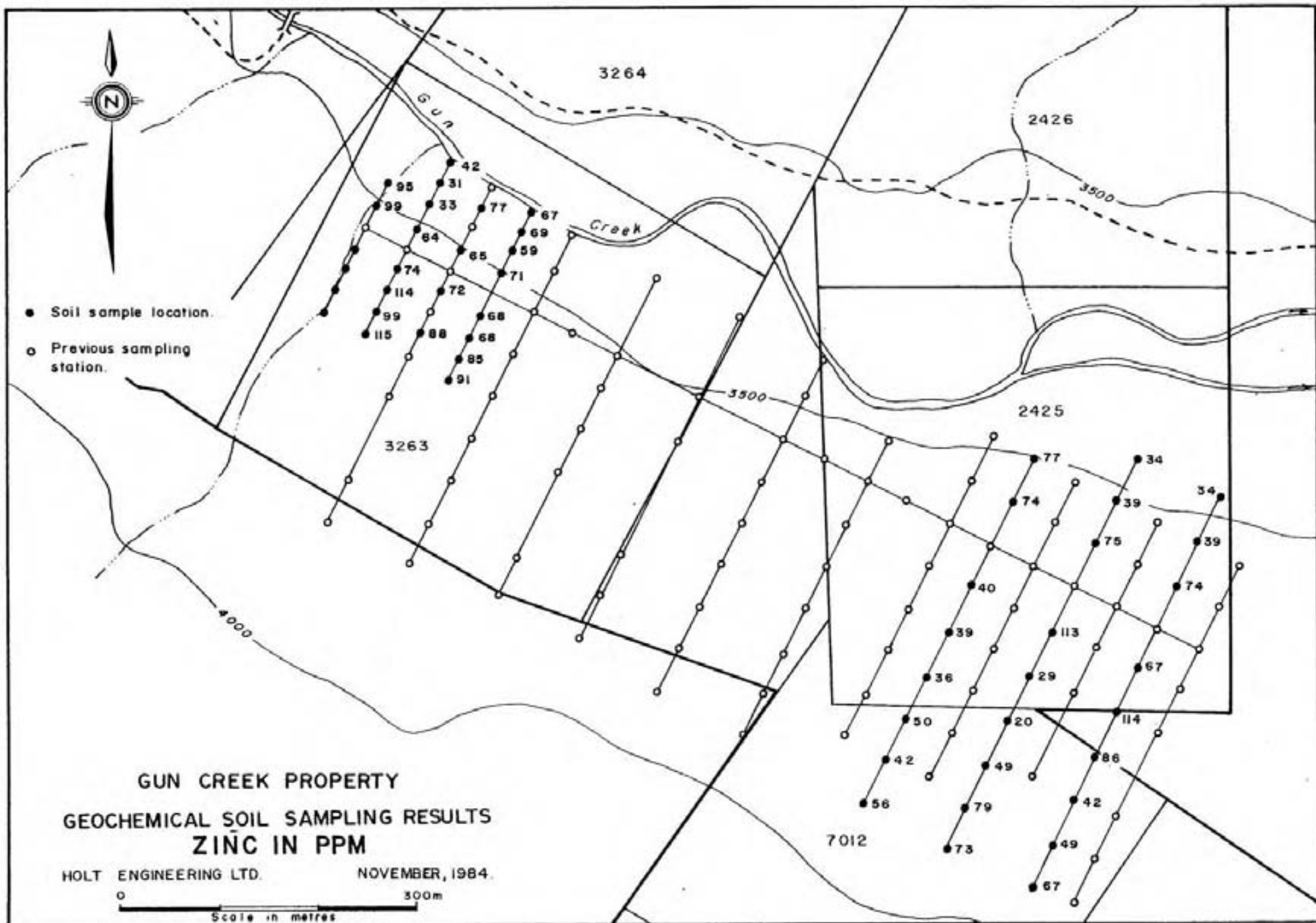


- Soil sample location.
- Previous sampling station.

GUN CREEK PROPERTY
 GEOCHEMICAL SOIL SAMPLING RESULTS
 COPPER IN PPM
 HOLT ENGINEERING LTD. NOVEMBER, 1984.







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 Avenue, 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. of North Vancouver, British Columbia,
4. that I have practiced my profession for more than 20 years, and
5. that I have personal knowledge of the Gun Creek mineral claims, having spent 3 days on-site carrying out the geochemical soil sampling program and familiarizing myself with the geologic setting.



E. S. Holt
Edward S. Holt, P.Eng.

November 8, 1984
North Vancouver, B.C.

APPENDIX A

COST STATEMENT

COST STATEMENT

Work Schedule:

- Oct. 28 - travel Vancouver to Gold Bridge and on to Gun Creek to determine access and locate specific claims.
- Oct. 29 - locate and freshen up grid system, establish intermediate grid lines as required, search for prior development workings, determine general geologic setting.
- Oct. 30 - collect 39 soil samples
- Oct. 31 - collect remainder of soil samples and return to Vancouver.
- Nov. 7,8 - review of geochemical results and preparation of report.

Note: The unusual depth of digging required to obtain soil from below the ash horizon prolonged the sample collection process.

Cost Detail:

Engineering Services

E.S. Holt	6 days @ \$400	\$2400	
Brian Chase	4 days @ \$150	<u>600</u>	
			\$3,000.00

Accommodation & Meals

Gold Bridge Hotel	178.87
Assaying & Geochemical Analysis	
Min-En Laboratory	525.30
Vehicle Mileage & Expenses	513.00
Field Supplies	30.33
Drafting and Reproduction	<u>110.00</u>
Total Cost	\$4,357.50

APPENDIX B

ANALYTICAL CERTIFICATES

MIN-EN Laboratories Ltd.

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

ANALYTICAL REPORT

Project 129-2 Date of report Nov. 5/84.
File No. 4-1397 Date samples received Oct. 31/84.
Samples submitted by: Ed Holt
Company: Holt Engrg.
Report on: 48 soils, Geochem samples
.....
..... 1 Assay samples
.....

Copies sent to:

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

Samples: Sieved to mesh -80 soil Ground to mesh -100 assay

Prepared samples stored discarded
rejects rocks stored discarded soil

Methods of analysis: Geochem - 5 ICP Analysis. Au-aqua regia.A.A., Assays Ag-
acid digestion-chemical analysis. Au-fire.....

Remarks:
.....
.....

COMPANY: WDLT ENGRS.

MIN-EN LABS ICP REPORT

(ACT:SED3B) PAGE 1 OF 1

PROJECT No: 129-2

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

FILE No: 4-13979/P1+2

ATTENTION: ED WDLT

16041980-5814 OR 16041988-4524

TYPE SOIL BEG/CEM

DATE: NOVEMBER 5, 1984

(REPORT VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PPB
203	.5	1	33	32	40	5
204	.7	22	26	41	39	5
205	.9	26	26	39	36	10
206	1.4	4	58	44	50	20
207 40H	1.0	22	42	39	42	5
208	1.3	8	60	41	56	50
209	1.7	58	420	29	73	195
210	.8	0	33	29	79	10
211	.7	0	34	25	49	30
212	.6	5	44	32	20	10
213	1.0	1	33	34	29	10
214	1.0	0	25	26	113	30
215	1.0	9	122	32	67	70
216	.8	0	40	28	114	20
217	1.2	0	37	32	86	20
218	1.1	12	28	33	42	100
219	1.5	5	30	35	49	5
220	1.2	0	32	37	67	70
221	1.2	22	32	40	39	5
222	1.3	14	57	35	34	60
223	1.5	15	58	40	39	10
224	1.1	8	36	30	34	5
225	1.2	10	34	32	42	10
226	1.4	0	36	30	31	15
227	1.4	0	33	30	33	10
228	1.3	9	129	35	64	30
229	1.4	15	122	34	65	110
230	1.7	21	58	42	77	10
231	1.6	27	77	39	67	5
232	1.8	34	73	40	69	5
233	.9	5	106	24	59	10
234	.5	8	95	23	71	5
235 40H	1.4	0	85	31	68	5
236	1.3	0	82	26	68	5
237 40H	1.8	0	89	29	85	5
238 40H	2.0	0	95	35	91	5
239 40H	2.0	11	88	34	88	10
240	.8	32	52	26	72	5
241	1.0	29	54	28	74	15
242	1.2	16	56	33	114	5
243	.9	12	51	26	99	5
244	1.3	17	51	29	115	10
245	1.2	20	54	29	95	5
246 40H	1.9	1	85	30	99	5
247	1.2	19	86	25	77	5
248	1.3	18	86	28	74	5
249	1.6	12	87	26	75	5
250	1.4	17	81	37	74	5

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

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

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828


CERTIFICATE OF ASSAY

COMPANY: HOLT ENGRG.
PROJECT: 129-2
ATTENTION: ED HOLT

FILE: 4-1397
DATE: NOV. 2/84
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
2429	2.0	0.06	.01	0.001

Certified by 
MIN-EN LABORATORIES LTD.