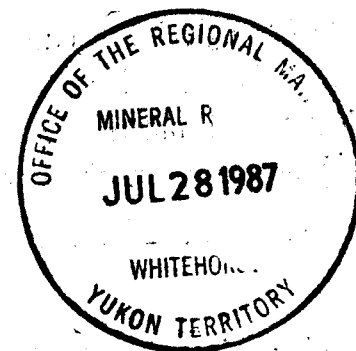


**SOIL GEOCHEMISTRY
GANT CLAIM GROUP
SCHEELITE DOME AREA
MAYO, YUKON TERRITORY
NTS 115 P/16
LATITUDE 63°45'N, LONGITUDE 136°15'W**



**Prepared for
RUDY RIEPE**

09 17 23

ARCTEX ENGINEERING SERVICES

**Locke B. Goldsmith, P.Eng.
Consulting Geologist**

**Paul Kallock
Consulting Geologist**

June 10, 1987

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 \$ 6400.00 .

DACmond

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

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**SOIL GEOCHEMISTRY
GANT CLAIM GROUP
SCHEELITE DOME
MAYO, YUKON TERRITORY**

SUMMARY

Silver and antimony occurrences are known on or adjacent to the Gant claims. Preliminary soil geochemistry has detected three important zones of gold-silver-arsenic-antimony concentrations. Continued soil geochemistry with geological mapping and possibly some dozer-backhoe stripping or trenching is recommended in the next phase at a cost of \$34,100 and diamond drilling with support services for a total of \$119,100 in the next two phases.

INTRODUCTION

The Gant group of mineral claims is located at the headwaters of Hight and Sabbath creeks on the southern slopes of Scheelite Dome, 25.8 km northwest of Mayo, Yukon Territory. The claim group is centered on approximately 63°45' latitude and 136°15' longitude on NTS map sheet 115 P/16 between approximate elevations 1067 m to 1885 m.

Access to the claims is by approximately 32.2 km of gravel road up Hight Creek from Mayo.

The Gant claim group consists of 32 two-post claims, as shown on the accompanying claim map. They are as follows:

<i>Name</i>	<i>Record No's</i>	<i>Record Date</i>
Gant 1-11	YA83206-YA83216 incl.	July 24, 1986
Gant 13	YA83217	July 24, 1986
Gant 15-34	YA83218-YA83236 incl.	July 24, 1986

Historically, the existence of extensive placer gravels containing both tungsten and gold has been known since the early 1900's. Attempts to locate the source of these placer minerals led to the discovery of several antimony occurrences in the Scheelite Dome area. The claim area was held continuously for a long period of time although there apparently has been little or no development work. The present owner acquired the claims in 1986. A soil geochemical survey was conducted during July and August 1986 and is addressed in this report.

GEOLOGICAL SETTING

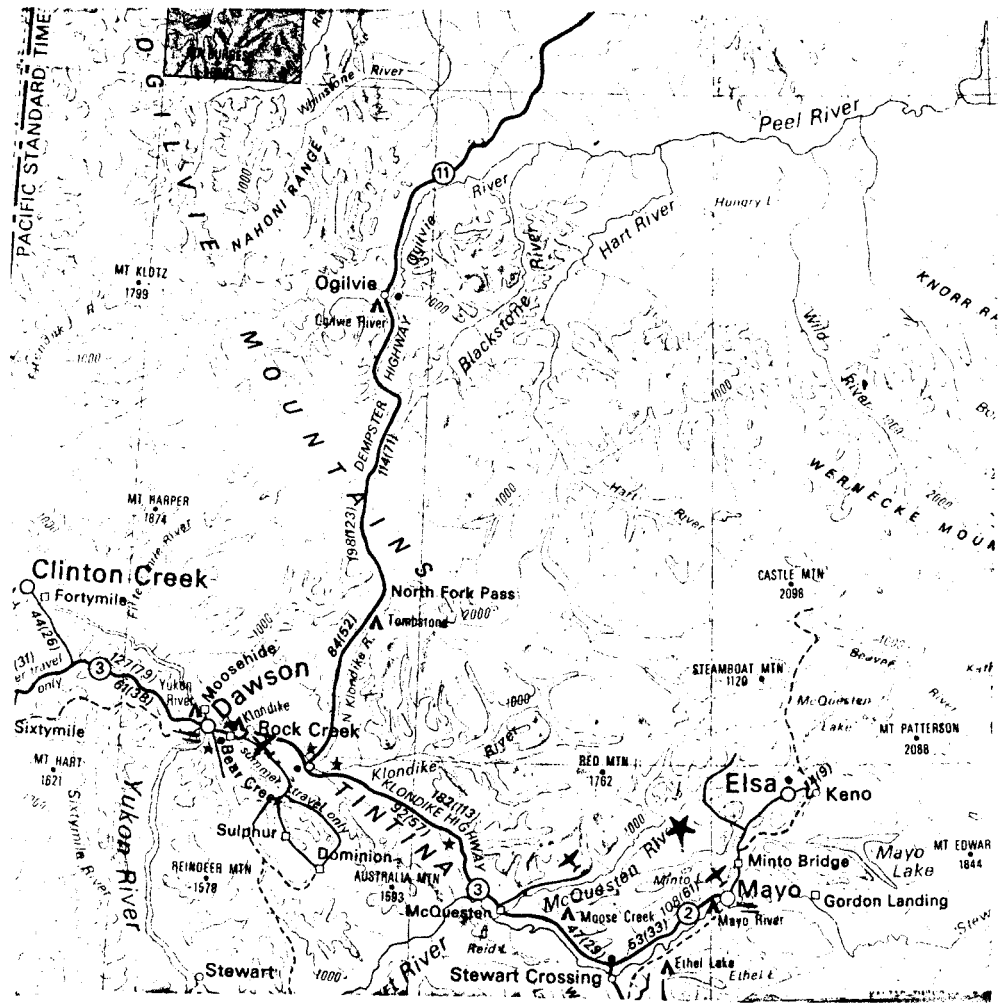
The Scheelite Dome area is underlain by a thrust-faulted block of Proterozoic metasedimentary rocks called the Yukon Group. They have been thrust over Mesozoic sediments and metasediments of the Keno Hill Quartzite and Lower Schist formations. Intrusive rocks in the area include Cretaceous granitic stocks and plugs and Tertiary quartz porphyry sills (Green, 1971, 1972).

Bostock (1946-1949) describes the Proterozoic rocks underlying the property as predominantly interbedded brownish quartz, mica schist and schistose quartzite. Limestone and crystalline limestone are also known. A number of large granitic plugs of acidic to intermediate composition occupy the northwest and northeast corners of the property.

GANT CLAIM GROUP

SCHEELITE DOME Y.T.

MAYO MINING DIVISION NTS 115P/16



0 10 25 50 Km.

Location Map

TO ACCOMPANY REPORT PREPARED FOR

R. RIEPE

BY

PAUL KALLOCK, GEOLOGIST

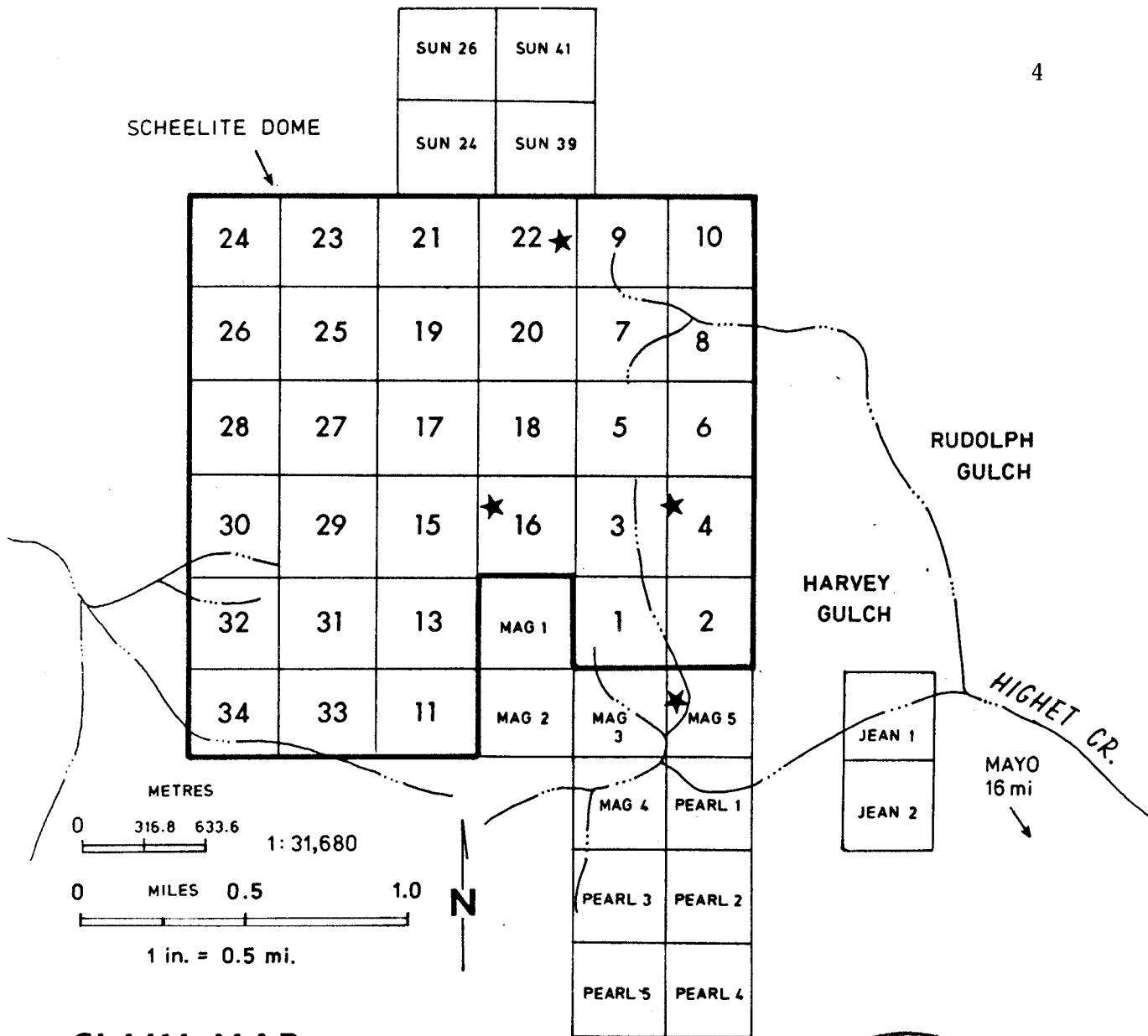
LOCKE B. GOLDSMITH P.Eng.

CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES

JUNE 1987





CLAIM MAP
 SHOWING KNOWN ANTIMONY OCCURRENCES (★)

GANT CLAIM GROUP

SCHEELITE DOME Y.T.

MAYO MINING DIVISION NTS 115P/16



TO ACCOMPANY REPORT PREPARED FOR

R. RIEPE

BY

PAUL KALLOCK, GEOLOGIST

LOCKE B. GOLDSMITH P.Eng.

CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES

JUNE 1987

MINERAL OCCURRENCES

Prospectors following bismuth nuggets and scheelite pebbles upslope in Highet Creek gold placers (Keele 1904) discovered stibnite, arsenopyrite and quartz veins on the higher levels of Scheelite Dome. Cockfield (1918) describes the veins at the head of Rudolph Gulch as up to 2 feet wide and consisting of quartz, stibnite and minor disseminated arsenopyrite. The veins are hosted in gneissoid quartzite about 610 m (2,000 feet) from a grey biotite granite intrusive.

Bostock (1941) has described two antimony prospects in the Harvey Gulch basin. "On the northeast side of a small draw coming down from the northwest into Harvey Gulch" ... slabs up to 18 x 12 x 8 inches of yellow brown schist containing mostly stibnite were reported. Float has been followed on strike 700 feet to the northeast. This prospect may lie immediately south of the Gant 1 and Gant 2 claims. The 700 feet of float may traverse the Gant 2 claim. Interestingly, a massive stibnite sample assayed by Bostock contained 0.05 oz Au/T and 13.31 oz Ag/T.

The second prospect described by Bostock lies on the northeasterly side at the head of Harvey Gulch. It shows a vein 3.5 feet wide and composed of quartz with crystals of stibnite and arsenopyrite. Gold assays were reported as high as \$50 (*ca.* 1939-1940). This occurrence may be located in west-central Gant 4 claim.

Cathro (1969) describes a tungsten investigation of the Dark mineral claims on Scheelite Dome, and documents two more antimony occurrences. Near the west-central boundary of the Gant 16 claim, a prospect is shown near the end of a long winding trail (which leads up from the Sabbath Creek-Highet Creek divide). Another antimony occurrence is located on Scheelite Dome near the Gant 9 and Gant 22 claim boundary.

Cathro (1969) also outlines the scheelite dome granitic stock and other smaller intrusives which underlie part of the Gant claim group. He concludes that the stock contains significant amounts of scheelite as fairly coarse disseminated grains. When combined with the known placer gold in the streams south of the stock he speculated that attractive exploration targets could be developed. He also outlined a small skarn zone on the north side of the stock approximately 1,000 feet (304.9 m) north of the Gant 24 claim.

From summaries of more recent DIAND publications part of the Scheelite Dome area was acquired by Cominco Ltd. and held as the Sun and Glow claims. In 1980 they carried out a geological mapping and soil survey and found several lead, zinc and tungsten anomalies but no targets. They did core one diamond drill hole of 120.7 m to test the down dip extension of a tungsten-bearing zone found in 1978. They encountered low Sn, Au, Cu, Ag and 0.23% W in an amphibolitic skarn. This may be in the same area as Cathro's (1969) skarn zone.

In 1981 Aber Resources Ltd. acquired the Sun 1-106 claims and did 190 m of trenching. They reported best values as 3.0 m of 5.4g Au/T, 1.5 m of 6.32 g Au/T and 1.5 m of 4,800 ppm

W. Exact location of this work is not currently available but is thought to lie adjacent to the northwest part of the Gant claim group.

Also in 1981 D.S. Emond (1981) studied the gold morphology of the Hight Creek gravels. Apparently gold near the head of the creek is more crystalline and more angular than the rounded and flatter gold found downstream. A gold source lying within the upper drainage basin was suggested. The Gant claim group covers much of the upper parts of the basin.

SOIL GEOCHEMICAL SURVEY

Between July 25 and August 15, 1986 200 soil samples were collected from a survey grid established in the southern part of the Gant claim group. The grid lines were run in an east-west direction from a baseline which coincides with the east claim boundary of Gant 11, 13 and 15. The lines are 500 feet (152.44 m) apart. Soil samples were collected at 300-foot (91.46-metre) stations along the lines.

Soil samples were analysed for 30 elements by the ICP geochemical method at Acme Analytical Laboratories in Vancouver, B.C. Certificates of analysis with analytical procedures included in the headings are presented in the Appendix of this report. In addition to the standard 30-element analysis, gold detection was lowered to 1 ppb (part per billion) by atomic absorption analysis from a 10-gram sample. Rejects from 12 samples were also re-run for gold. Seven samples were analysed for platinum.

Of the 30 elements which were analysed, Au, Ag, Sb, As and W have been plotted on the sample location map and subjectively scanned to determine areas of anomalous and strongly anomalous values. These maps are included in the pocket in the back of this report.

During tabulation and compilation of the geochemical data several discrepancies in sample location points, several duplicate numbered samples and several wide variations in gold values of re-run samples have led to a few questionable data points on the geochemical grid maps. Those have been noted and the reader is cautioned in their interpretation. On the whole, the survey appears reasonably accurate and several multi-element soil anomalies are present. Statistical treatment of the data was not undertaken. When the remainder of the property is covered with soil geochemistry the results will be compiled into probability plots.

Gold

Gold values in soils greater than 100 ppb (parts per billion) extend from 6+00W and 10+00W on line 20+00N northward beyond 8+00W on line 35+00N. A very high value of 1920 ppb occurs at 35+00N 8+00W. At 30+00N 0+00W a value of 335 ppb was rerun and found to contain 295 ppb in the reject. Both are considered significant. Coincidentally, the 35+00N 8+00W location also contains anomalous silver, arsenic and antimony.

The second area of concentration of gold extends from 16+00E to 22+00E on line 15+00N and northward beyond the survey at 14+00E and 18+00E on line 30+00N. The zone is over 400 feet (122 m) wide and 1500 feet (457 m) long. Several soils have values over 400 ppb Au. Elevated W, Sb and As are also present within localized areas of the contour intervals. Within the western part of the grid several high single sample gold areas are present. They are located at 10+00N 20+00W, 20+00N 20+00W, 25+00N 28+00W and 35+00N 28+00W. The last two samples are considered questionable locations.

Silver

Multi-sample silver zones which contain 0.8 ppm Ag or more are restricted to three areas within the western part of the grid. At 35+00N 6+00W and 8+00W the highest value of the survey was found to be 23.6 ppm Ag. Another group of highs at 25+00N 6+00W and 20+00N 6+00W contains 1.8 and 1.3 ppm Ag respectively.

The third zone is present at 10+00N 20+00W and 5+00N 20+00W where up to 3.0 ppm Ag was detected in soils.

Antimony

Soils containing more than 60 ppm Sb are restricted to four areas of the grid. The strongest values occur with high gold, silver and arsenic at 35+00N 6+00W and 8+00W. Here 1,034 and 7,549 ppm Sb were detected. At 25+00N 6+00W, 117 ppm Sb is present. A larger, irregular high is present at 10+00N 18+00W and 20+00W and 5+00N 24+00W. Here values up to 215 ppm Sb were detected. One sample at 15+00N 22+00E contained 98 ppm Sb.

Arsenic

Values of over 500 ppm As can be considered above background. Areas which contain these values are broad and encompass the highest gold, silver and antimony concentrations. If the areas within zones which contain greater than 1,000 ppm As are examined, two distinct areas stand out.

At 35+00N 4+00W, 6+00W, and 8+00W, up to 13,033 ppm As were detected in soils. As stated previously this area also contains high Au, Ag, and Sb. The other arsenic high lies between 15+00N 18+00E and 30+00N 18+00E where several samples contain over 1,000 ppm As. Another area of high arsenic in soils and coincident anomalous Au, Ag and Sb occurs between 5+00N 18+00W and 20+00N 20+00W. Four soil samples within this area contained greater than 500 ppm As.

Tungsten

There are three single sample tungsten highs which contain 12 or more ppm W. In the northwest corner of the grid 144 ppm W was recovered. At 25+00N 12+00E and 15+00N 22+00E, 25 and 12 ppm W were detected. The last two samples also have high Au and As values.

CONCLUSIONS

From previous records of exploration it can be seen that several antimony occurrences are present on the Gant mineral claims. Furthermore, tungsten skarn mineralization appears to be located near the northwest corner of the property. Each type of mineral occurrence is reported to contain anomalous values in gold. Study of morphology of placer gold in Hight Creek points to a source within or near the Gant claim group.

A soil geochemical survey undertaken in 1986 which covers the south part of the claim group was successful in delineating several zones of increased gold, silver, arsenic and antimony content. The area north of 20+00N 6+00W is particularly favourable. It contains values up to 1,920 ppb Au, 23.6 ppm Ag, 7,549 ppm Sb and 13,033 ppm As and is open to the north where previous records indicate the presence of an antimony showing which reportedly lies near the Gant 15 and 16 boundary.

RECOMMENDATIONS

A programme of geological mapping and additional soil geochemistry combined with possible rock chip geochemistry is recommended for the Gant claim group. The soil anomalies detected in the 1986 survey should be located and examined in detail. Rock samples should be collected if possible. Mapping and soil sampling of the north grid area should be undertaken. Old prospects and trenches should be mapped and sampled.

Dozer or backhoe trenching may be feasible on some of the soil anomalies. If time and weather permit, this work could start when anomalous areas are examined.

Phase 2 exploration would include anomaly follow-up with rock sampling, dozer trenching and diamond drilling.

Subsequent phases of exploration would require additional diamond drilling.

COST ESTIMATE

Phase 1

Geological mapping, soil geochemical surveys, rock geochemical sampling, backhoe trenching.

Geological mapping	\$ 4,000	
Geochemical survey, grid layout	3,000	
Analyses	7,000	
Camp, room, board, vehicle, supplies	3,000	
Transportation	5,000	
Backhoe or dozer trenching	5,000	
Supervision, engineering	2,000	
Report	<u>2,000</u>	
	31,000	
Contingencies @ 10%	<u>3,100</u>	
Total, Phase 1	34,100	34,100

Phase 2

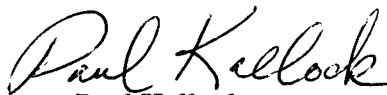
Diamond drilling, with trenching and geological mapping, allow -

75,000
\$119,108

Results of Phase 1 should be compiled into an engineering report; continuance to Phase 2 should be contingent upon favourable conclusions and recommendations from an Engineer.

Respectfully submitted,

Locke B. Goldsmith, P.Eng.
Consulting Geologist



Paul Kallock
Geologist


Vancouver, B.C.

June 10, 1987



**ENGINEER'S CERTIFICATE
LOCKE B. GOLDSMITH**

1. I, Locke B. Goldsmith, am a registered Professional Engineer in the Province of Ontario and the Northwest Territories, and a Registered Professional Geologist in the State of Oregon. My address is 301, 1855 Balsam Street, Vancouver, B.C.
2. I have a B.Sc. (Honours) degree in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. I am a graduate of the Haileybury School of Mines, and am a Certified Mining Technician. I am a Member of the Society of Economic Geologists, the AIME, and the Australasian Institute of Mining and Metallurgy, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 28 years.
4. I have co-authored the report entitled, "Soil Geochemistry, Gant Claim Group, Scheelite Dome Area, Mayo, Yukon Territory", dated June 10, 1987. The report is based upon research supervised by the author.
5. I have no ownership in the property.
6. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds.



Respectfully submitted,

Locke B. Goldsmith

Locke B. Goldsmith, P.Eng.
Consulting Geologist

Vancouver, B.C.
June 10, 1987

GEOLOGIST'S CERTIFICATE
PAUL KALLOCK

I, Paul Kallock, do state: that I am a Geologist with Arctex Engineering Services, 301 - 1855 Balsam Street, Vancouver, B.C.

I Further State That:

1. I have a B.Sc. degree in Geology from Washington State University, 1970. I am a Fellow of the Geological Association of Canada.
2. I have engaged in mineral exploration since 1970, both for major mining and exploration companies and as an independent geologist.
3. I have co-authored the report entitled, "Soil Geochemistry, Gant Claim Group, Scheelite Dome Area, Mayo, Yukon Territory, B.C." The report is based on fieldwork carried out by people other than myself, and on geologic literature acquired from governmental agencies and previous engineering reports.
4. I have no direct or indirect interest in any manner in the property, nor do I anticipate to receive any such interest.
5. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds.


Paul Kallock
Geologist

Vancouver, B.C.
June 10, 1987

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- Keele, J. 1904. The Duncan Creek Mining Division. GSC Memoir 284.

ITEMIZED COST STATEMENT - 1986 PROGRAMME**A. Wages**

Grant Crooker, Jul. 25-Aug. 15, total 10 days @ \$250/day	2,500	
Gary Peel, Jul. 25-Aug. 15, total 10 days @ \$200/day	2,000	
One Helper, Jul. 25-Aug. 15, total 10 days @ \$125/day	<u>1,250</u>	
	5,750	\$ 5,750

B. Food, Accommodation

Jul. 25-Aug. 15, 1986 - 10 days for 3 people @ \$50/day = \$150 day		1,500
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C. Transportation

Airfare for 2 people @ \$1000	2,000	
Vehicle (4x4) rental, 10 days @ \$100/day	<u>1,000</u>	
	3,000	3,000

D. Analyses

200 soil samples: ICP 30 element analysis plus gold @ \$12.10/sample	2,420	
12 samples rerun for gold @\$5.50	66	
7 samples analysed for platinum @ \$2.00	<u>1,400</u>	
	2,500	2,500

E. Report

Data compilation, tabulation, composition of text	1,400	
Photocopying, printing, supplies, report materials, drafting, word processing	<u>750</u>	
	2,150	<u>2,150</u>
TOTAL		\$14,900

A P P E N D I X

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P CR MG BA TI B AL NA K W SI ZR CE SN Y NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: BOILS -80 MESH AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: APRIL 21 1987

DATE REPORT MAILED: *Apr 25/87*

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

BAY GRAVEL LTD. PROJECT - GANT File # 87-1043 Page 1

SAMPLE#	MO	CU	PB	ZN	AS	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
35N 22W	1	16	11	54	.1	12	5	205	2.55	97	5	ND	4	7	1	2	2	31	.06	.026	12	20	.32	60	.04	2	1.10	.01	.04	1	7
30N 32W	1	24	8	64	.1	20	8	188	2.57	75	5	ND	1	9	1	5	2	31	.09	.045	18	23	.43	110	.03	2	1.43	.01	.07	1	31
30N 30W	1	24	10	70	.1	24	7	232	2.84	136	5	ND	4	13	1	3	2	34	.08	.028	17	30	.55	104	.07	2	1.44	.01	.17	4	30
30N 24W	1	22	5	56	.1	21	12	295	2.67	96	5	ND	5	10	1	3	2	31	.09	.032	13	22	.39	97	.05	2	1.27	.01	.07	1	18
30N 14W	1	24	9	61	.1	17	8	285	2.04	359	5	ND	2	9	1	5	2	21	.11	.046	12	17	.33	84	.03	2	.90	.01	.06	10	78
30N 10W	2	41	17	85	.1	31	10	312	3.40	371	5	ND	1	11	1	12	2	35	.08	.052	12	24	.40	83	.03	2	1.31	.01	.06	1	44
30N 2E	2	18	8	77	.1	16	7	314	3.07	402	5	ND	1	8	1	6	2	34	.05	.046	12	23	.32	70	.03	2	.97	.01	.06	1	18
30N 14E	2	16	10	47	.1	12	4	113	2.14	398	5	ND	1	7	1	8	2	25	.03	.031	15	15	.18	44	.02	2	.71	.01	.05	2	99
30N 26E	2	15	18	70	.2	12	7	490	2.74	406	5	ND	1	11	1	18	2	31	.08	.047	11	19	.31	85	.02	3	1.00	.01	.04	1	30
30N 32E	1	14	10	59	.1	17	7	214	3.02	346	5	ND	2	7	1	4	2	35	.06	.029	13	23	.37	68	.03	2	1.24	.01	.04	1	8
25N 30W	2	30	17	82	.2	32	14	402	3.58	178	7	ND	5	9	1	8	2	35	.08	.042	15	27	.47	117	.04	2	1.58	.01	.08	1	35
25N 24W	2	23	8	57	.3	14	5	204	2.31	228	5	ND	1	8	1	4	2	35	.06	.047	12	20	.25	89	.02	2	1.03	.01	.08	1	14
25N 10W	1	20	9	74	.1	20	10	448	2.87	413	6	ND	3	9	1	12	2	28	.10	.047	16	23	.44	107	.03	2	1.24	.01	.06	1	40
25N 4W	1	21	7	63	.1	18	6	235	2.55	138	5	ND	1	10	1	6	2	29	.10	.044	13	20	.39	127	.03	2	1.09	.01	.06	1	12
25N BL	2	13	13	56	.1	12	4	170	2.40	148	5	ND	1	9	1	3	2	37	.07	.040	12	19	.32	83	.04	2	.98	.01	.04	1	6
25N 4E	2	8	8	54	.1	11	5	157	2.86	419	5	ND	1	7	1	22	2	39	.05	.031	12	21	.31	43	.03	2	.94	.01	.04	1	22
25N 14E	1	13	8	62	.1	13	6	282	2.63	285	5	ND	1	7	1	7	2	28	.05	.028	11	19	.32	59	.03	2	.94	.01	.05	2	63
25N 16E	2	10	11	63	.1	12	6	249	2.73	160	5	ND	1	9	1	3	2	35	.09	.026	10	23	.35	81	.03	2	1.27	.01	.05	1	88
25N 24E	2	23	19	64	.1	27	7	209	2.73	508	5	ND	3	16	1	16	2	15	.04	.030	26	13	.27	64	.01	2	.81	.01	.06	2	112
25N 26E	1	10	15	43	.3	9	3	109	1.92	203	5	ND	1	7	1	20	2	28	.04	.040	11	16	.22	77	.02	2	.94	.01	.03	1	31
20N 26W	2	12	11	58	.3	14	5	168	2.32	275	5	ND	1	10	1	25	2	27	.09	.044	12	16	.31	105	.02	3	.90	.01	.05	1	24
20N 24W	2	11	4	41	.1	10	3	132	1.89	126	5	ND	1	6	1	4	2	29	.03	.038	11	13	.21	46	.02	2	.66	.01	.04	1	37
20N 18W	2	12	8	51	.1	13	4	209	2.35	291	5	ND	1	8	1	6	2	26	.05	.035	11	17	.26	52	.02	2	.88	.01	.04	1	37
20N 14W	2	11	8	49	.1	9	4	137	2.45	390	5	ND	1	7	1	15	2	31	.06	.049	11	19	.26	65	.01	2	.95	.01	.03	2	35
20N 8E	2	10	4	52	.1	11	4	176	2.15	139	5	ND	1	7	1	4	2	26	.05	.037	12	18	.29	55	.02	2	.86	.01	.04	1	74
20N 24E	2	23	17	77	.3	23	12	869	2.86	1390	5	ND	1	24	1	22	2	22	.25	.077	14	20	.44	109	.02	3	1.27	.01	.08	3	47
20N 28E	2	10	12	62	.2	11	5	206	2.72	233	5	ND	1	7	1	25	2	36	.05	.030	12	16	.28	74	.03	2	.94	.01	.05	1	18
20N 30E	2	12	14	68	.1	16	8	501	2.93	132	5	ND	1	9	1	5	2	29	.08	.056	12	19	.38	101	.03	2	1.20	.01	.06	1	10
15N 22W	2	55	12	67	.2	20	13	469	4.00	451	5	ND	6	36	1	34	2	29	.03	.045	25	24	.40	96	.06	2	1.46	.01	.13	1	38
15N 16W	2	19	11	64	.1	17	6	153	2.77	410	5	ND	1	7	1	21	2	20	.03	.036	27	18	.38	47	.01	2	1.19	.01	.06	1	33
15N 12W	2	7	10	59	.1	11	5	173	2.53	100	5	ND	1	6	1	7	2	32	.05	.039	11	21	.34	63	.03	2	1.06	.01	.03	1	5
15N 10W	2	11	21	50	.1	10	4	131	2.03	131	5	ND	1	6	1	8	2	29	.04	.047	10	18	.27	53	.01	2	.97	.01	.03	1	17
15N 8W	2	5	12	39	.1	8	3	101	2.33	121	5	ND	1	5	1	4	2	34	.04	.066	13	19	.22	48	.03	2	.95	.01	.03	1	4
15N 6E	2	20	9	81	.1	24	10	347	3.41	220	5	ND	1	8	1	20	3	34	.07	.046	15	28	.50	86	.04	2	1.51	.01	.09	1	16
15N 22E	1	51	12	78	.2	30	7	196	4.72	1174	5	ND	11	7	1	98	2	26	.02	.026	20	35	.59	72	.05	3	2.02	.01	.39	12	185
15N 30E	1	8	12	43	.1	10	3	84	1.79	173	5	ND	1	7	1	9	2	21	.05	.032	12	13	.22	53	.01	2	.81	.01	.04	1	60
STD C/AU-S	19	55	35	129	6.9	67	27	958	3.96	37	17	6	31	45	16	15	21	57	.48	.094	33	57	.88	167	.08	37	1.73	.06	.12	13	49

BAY GRAVEL LTD. PROJECT - GANT FILE # B7-1043

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUR
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPB
10N 26W	1	8	12	36	.1	6	2	128	2.41	109	5	ND	1	8	1	46	2	44	.06	.053	15	21	.22	58	.03	5	1.07	.01	.04	1	18
10N 20W	2	23	276	86	3.0	14	6	183	3.41	562	5	ND	3	12	1	215	4	36	.09	.036	19	24	.41	81	.04	2	1.40	.01	.08	1	185
10N 12W	2	9	7	53	.1	12	4	176	2.35	149	5	ND	1	8	1	8	3	32	.06	.036	18	22	.32	62	.02	2	1.15	.01	.09	1	17
10N BL	1	16	10	62	.1	16	6	221	2.72	125	5	ND	2	10	1	14	2	37	.10	.033	18	24	.43	98	.04	2	1.28	.01	.07	2	22
5N 28W	1	22	10	72	.2	17	7	232	3.10	274	5	ND	2	18	1	9	2	36	.10	.040	20	21	.40	120	.03	2	1.33	.01	.09	1	26
5N 24W	1	8	9	49	.2	9	4	164	2.39	91	5	ND	4	10	1	61	2	38	.09	.035	16	22	.29	81	.04	3	1.25	.01	.05	1	3
5N 18W	8	27	21	74	.6	13	5	127	2.58	375	5	ND	7	10	1	35	2	52	.03	.025	25	15	.17	53	.05	2	1.06	.01	.08	3	2
5N 16W	1	10	9	61	.2	13	5	128	2.01	300	5	ND	1	12	1	7	2	28	.12	.052	15	20	.35	93	.02	4	1.04	.01	.05	7	1
5N 14W	1	21	23	79	.3	19	6	162	2.80	483	5	ND	1	17	1	25	2	25	.15	.037	17	19	.38	66	.02	2	1.08	.01	.06	1	46
5N 4W	1	9	12	53	.1	11	3	102	2.36	74	5	ND	1	8	1	5	2	36	.06	.029	16	22	.31	59	.03	5	1.07	.01	.05	1	7
5N 2W	1	10	18	47	.1	10	4	137	2.55	56	5	ND	1	8	1	4	2	44	.06	.037	14	22	.28	64	.03	3	1.18	.01	.04	6	2
0N 18W	1	21	8	71	.2	18	6	249	2.66	352	5	ND	2	16	1	22	2	28	.14	.047	23	20	.41	85	.03	3	1.25	.01	.08	2	84
0N 14W	1	5	9	31	.1	7	2	79	2.45	57	5	ND	1	7	1	5	2	53	.05	.026	14	19	.18	62	.05	2	.96	.01	.03	1	3
0N 12W	1	9	13	54	.1	12	4	135	2.57	148	5	ND	2	8	1	5	2	38	.08	.038	19	23	.34	67	.03	2	1.29	.01	.06	1	8
0N 4W	1	16	13	75	.1	19	8	345	2.84	62	5	ND	2	10	1	3	2	35	.10	.043	17	22	.42	97	.04	2	1.41	.01	.08	1	36
0N 2W	2	11	11	73	.1	14	6	227	3.30	61	5	ND	2	9	1	6	2	38	.08	.038	15	23	.40	70	.04	2	1.25	.01	.06	1	3
STD C/AU-S	19	55	35	129	6.9	65	26	918	4.00	38	16	7	31	44	16	15	18	56	.47	.089	33	53	.88	164	.08	40	1.72	.06	.13	13	51

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SN, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOILS -80MESH AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 1 1986 DATE REPORT MAILED: *Dec 4/86* ASSAYER: *D. J. P.* DEAN TOYE, CERTIFIED B.C. ASSAYER.

BAY GRAVEL LTD FILE # 86-3874

Grant Project PAGE 1

SAMPLE#	Mg	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	R	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM
35N 22W	2	24	16	64	.1	19	7	185	2.89	337	5	ND	2	11	1	23	2	29	.07	.037	20	17	.30	66	.03	2	1.02	.01	.06	2	59
35N 19W	2	49	15	98	.1	37	14	448	3.33	706	5	ND	1	15	1	8	2	38	.13	.079	17	27	.54	105	.05	2	1.49	.01	.11	4	270
30N 20W	2	21	9	62	.4	17	6	206	2.75	334	5	ND	1	9	1	7	2	34	.06	.049	14	22	.33	70	.02	2	1.17	.01	.05	1	46
30N 4W	2	29	16	74	.2	21	9	298	3.26	634	5	ND	1	11	1	9	2	38	.09	.047	17	25	.44	84	.05	2	1.14	.01	.11	4	84
30N 0K	2	13	6	47	.3	13	5	159	2.15	332	5	ND	1	9	1	28	2	29	.06	.042	14	17	.22	60	.02	2	.81	.01	.06	2	77
30N 6E	2	17	9	66	.1	15	6	188	2.73	399	5	ND	1	8	1	3	2	36	.06	.043	13	25	.37	70	.02	2	1.32	.01	.05	1	25
30N 12E	2	8	5	37	.1	10	3	94	1.52	106	5	ND	1	6	1	3	2	31	.04	.025	16	17	.18	48	.02	2	.71	.01	.06	3	9
30N 20E	1	20	9	70	.3	15	6	291	2.83	346	5	ND	1	10	1	11	2	36	.09	.048	14	19	.28	77	.03	2	.87	.01	.05	2	41
25N 14W	1	17	13	66	.1	16	7	310	2.76	291	5	ND	1	9	1	6	2	36	.05	.042	13	24	.34	88	.02	2	1.24	.01	.06	2	10
25N 6W	1	42	32	86	1.8	30	13	366	3.85	1007	5	ND	2	24	1	117	2	33	.09	.061	19	23	.40	107	.04	2	1.35	.01	.12	1	143
25N 2E	1	14	7	52	.2	13	6	339	2.89	312	5	ND	1	8	1	4	2	41	.05	.035	13	22	.28	61	.04	2	.92	.01	.05	1	26
25N 6E	1	10	11	55	.1	12	5	133	2.52	138	5	ND	1	7	1	4	2	37	.06	.034	12	23	.32	66	.03	2	1.02	.01	.04	1	18
25N 12E	1	18	14	82	.3	18	10	580	3.10	1008	5	ND	1	14	1	8	2	31	.06	.046	14	22	.32	100	.03	2	1.00	.01	.07	25	840
25N 22E	1	11	11	53	.3	15	6	157	2.30	219	5	ND	1	9	1	9	2	34	.06	.041	13	18	.29	73	.02	2	1.00	.01	.04	1	8
20N 20W	1	43	15	83	.2	30	13	600	3.28	553	5	ND	4	78	1	16	2	27	.31	.047	29	31	.77	123	.04	3	1.83	.01	.18	2	330
20N 6W	1	32	31	81	1.3	26	9	382	3.24	804	5	ND	1	19	1	56	2	32	.06	.050	21	21	.31	90	.02	2	1.13	.01	.09	4	114
20N 14E	1	14	5	61	.1	13	6	195	2.83	288	5	ND	2	8	1	25	2	36	.05	.038	15	21	.28	57	.04	2	.95	.01	.07	1	240
20N 20E	5	74	26	115	.2	62	28	904	4.77	787	6	ND	10	26	1	15	2	26	.28	.054	62	39	.83	63	.01	4	2.38	.01	.18	1	17
15N 24W	1	14	4	54	.1	15	5	149	2.59	81	5	ND	1	7	1	8	2	37	.04	.027	13	25	.32	50	.03	2	1.13	.01	.03	1	9
15N 6W	1	10	10	46	.1	13	5	158	2.64	42	5	ND	2	7	1	2	2	41	.05	.025	13	20	.26	52	.04	5	.97	.01	.04	2	5
15N 2E	1	18	17	52	.1	14	6	140	2.37	160	5	ND	1	10	1	21	2	37	.05	.032	16	24	.34	82	.02	2	1.26	.01	.09	1	10
15N 24E	1	17	12	48	.3	14	5	173	2.47	287	5	ND	1	8	1	12	3	29	.05	.043	15	17	.26	50	.01	2	1.00	.01	.07	3	35
10N 10W	1	12	9	38	.2	10	4	95	2.14	90	5	ND	1	8	1	4	3	37	.05	.036	14	21	.26	58	.02	2	1.04	.01	.04	2	20
10N 2W	1	18	11	63	.2	19	7	303	2.55	261	5	ND	1	7	1	17	2	32	.05	.033	12	18	.33	53	.03	2	.90	.01	.05	2	5
5N 20W	1	30	35	81	.8	16	7	198	3.70	745	5	ND	2	14	1	51	2	31	.05	.036	20	24	.43	77	.03	3	1.42	.01	.15	1	16
5N 8W	1	17	14	75	.2	15	6	147	2.77	119	5	ND	1	10	1	2	2	47	.07	.054	14	26	.39	90	.02	2	1.39	.01	.05	2	2
0N 20W	1	10	14	46	.1	10	4	117	2.40	140	5	ND	2	7	1	10	2	33	.04	.023	15	18	.29	62	.03	2	1.14	.01	.04	1	1
0N 8W	1	15	8	56	.1	14	6	156	2.34	82	5	ND	1	8	1	3	2	33	.05	.033	15	20	.33	79	.03	2	1.10	.01	.04	1	11
STD C/AU-S	20	61	39	135	7.1	66	30	1007	3.96	40	15	8	33	48	17	16	17	62	.48	.102	36	59	.88	177	.08	39	1.72	.07	.14	12	49

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.ND AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOILS -BOMESH AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JAN 28 1987 DATE REPORT MAILED: Feb 3/87 ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER.

Feb 12, 87

BAY GRAVEL LTD FILE # 87-0170

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe PPM	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au# PPB	AU PPB
35N 16W	2	30	16	76	.3	21	7	198	2.84	473	5	ND	1	17	1	16	2	44	.11	.149	17	33	.31	187	.01	5	1.48	.01	.13	3	44	
35N 4W	3	84	17	103	.6	45	27	713	4.35	1594	5	ND	4	22	1	50	4	42	.12	.066	31	35	.62	130	.06	5	2.04	.01	.21	3	169	- 212
35N BLO	1	21	10	67	.1	19	6	190	2.26	173	5	ND	1	13	1	3	2	36	.13	.044	23	23	.34	136	.04	5	.93	.01	.07	2	59	
30N 4E	1	14	14	58	.1	15	5	154	2.30	191	5	ND	1	12	1	3	2	46	.09	.058	19	22	.27	78	.03	3	1.03	.01	.08	1	82	
30N 16E	1	18	10	54	.2	13	4	116	1.76	215	5	ND	1	11	1	5	2	38	.06	.057	21	22	.20	74	.01	4	.96	.01	.09	1	19	
30N 28E	1	15	18	45	.2	11	5	191	2.26	308	5	ND	1	12	1	15	2	42	.08	.048	17	19	.22	87	.02	4	.97	.01	.06	1	17	
25N 28W	3	49	26	98	.6	32	9	184	4.36	721	5	ND	4	10	1	34	3	29	.03	.061	51	10	.07	52	.02	4	.57	.01	.08	1	425	- 62
25N 22N	1	16	9	67	.1	15	6	226	2.83	66	5	ND	1	12	1	2	2	47	.09	.040	18	26	.38	98	.06	6	1.16	.01	.07	1	4	
25N 18W	1	19	16	69	.3	15	7	281	2.86	450	5	ND	1	11	1	11	2	38	.07	.048	19	25	.34	86	.03	2	1.27	.01	.08	1	31	
25N 0E	1	14	11	50	.1	13	4	136	2.23	135	5	ND	1	12	1	3	2	45	.09	.038	16	24	.32	82	.03	7	1.17	.01	.07	1	8	
25N 32E	1	14	11	42	.1	12	5	204	2.30	204	5	ND	1	12	1	4	3	49	.08	.058	17	21	.23	101	.03	2	1.09	.01	.06	1	175	- 15
20N 30W	1	34	13	92	.1	27	11	340	3.07	288	5	ND	2	15	1	7	2	40	.10	.044	22	27	.52	124	.06	2	1.63	.01	.13	1	66	
20N 8W	1	24	20	69	.2	27	11	340	2.91	404	5	ND	5	16	1	25	2	40	.15	.040	22	27	.48	157	.06	3	1.36	.01	.10	1	78	
20N 4W	1	20	10	70	.1	20	6	237	2.75	148	5	ND	2	11	1	12	2	40	.08	.040	17	25	.42	100	.05	5	1.25	.01	.08	1	12	
20N 2E	1	27	9	71	.2	20	9	484	2.57	233	5	ND	1	15	1	11	3	42	.10	.050	20	25	.38	143	.03	7	1.29	.01	.09	1	25	
20N 4E	1	10	11	51	.1	10	5	230	2.98	171	5	ND	1	10	1	9	2	63	.06	.036	17	22	.24	57	.04	4	1.05	.01	.05	1	6	
20N 6E	1	14	14	56	.1	13	5	257	2.32	80	5	ND	1	10	1	2	2	44	.07	.038	17	22	.29	76	.04	2	1.06	.01	.07	1	4	
20N 22E	3	23	11	63	.2	27	11	506	2.53	570	5	ND	3	22	1	16	2	30	.07	.047	26	20	.34	68	.03	4	1.16	.01	.10	9	1520	- 71
15N BLO	1	22	11	69	.1	22	9	300	2.58	158	5	ND	1	14	1	14	2	39	.12	.050	21	23	.38	96	.04	2	1.15	.01	.10	1	22	
15N BLO (A)	1	20	7	75	.1	26	10	305	2.84	144	5	ND	4	13	1	15	4	40	.13	.045	24	27	.46	116	.07	3	1.26	.01	.12	1	25	
15N 0E	1	12	9	53	.1	14	5	147	2.19	110	5	ND	1	10	1	11	2	39	.08	.034	17	22	.30	77	.04	2	1.08	.01	.07	1	3	
15N 4E	1	21	14	70	.1	20	7	228	2.57	125	5	ND	2	14	1	13	2	39	.13	.055	23	25	.40	95	.05	2	1.19	.01	.09	1	16	
15N 12E	3	23	16	68	.5	13	5	376	1.93	362	5	ND	1	16	1	17	2	43	.07	.058	24	17	.12	94	.02	2	.82	.01	.08	1	42	
15N 16E	1	26	21	71	.2	27	6	244	3.03	794	5	ND	5	11	1	51	2	34	.08	.043	29	26	.43	70	.05	3	1.48	.01	.21	8	205	- 164
15N 18E	1	32	17	64	.8	23	7	378	3.64	1104	5	2	3	32	1	56	3	27	.04	.051	32	16	.26	53	.01	2	1.35	.01	.11	6	225	- 147
15N 32E	1	18	12	65	.1	16	8	282	2.75	267	5	ND	3	12	1	9	3	33	.09	.042	20	21	.37	76	.04	2	1.06	.01	.08	1	59	
10N 30W	1	15	12	72	.2	14	6	242	2.80	145	5	ND	2	11	1	4	2	42	.07	.037	18	24	.37	69	.05	2	1.11	.01	.06	1	6	
10N 18W	1	52	63	100	.7	24	11	323	3.39	763	5	ND	1	21	2	121	5	24	.07	.064	32	26	.52	92	.01	2	1.78	.01	.15	1	102	- 39
10N 6W	1	5	11	25	.1	3	1	63	.94	59	5	ND	1	9	1	2	2	35	.05	.022	21	13	.13	53	.04	2	.74	.01	.04	1	3	
0N 24W	1	13	17	76	.2	17	7	203	2.69	77	5	ND	4	12	1	3	2	43	.10	.036	17	25	.40	107	.05	3	1.42	.01	.08	1	2	
STE C/AU-S	20	59	37	137	7.0	68	29	1035	3.95	41	18	8	34	51	17	15	20	65	.48	.105	37	59	.88	182	.09	35	1.72	.07	.16	14	49	

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-SOILS P2-ROCKS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: FEB 17 1987 DATE REPORT MAILED: Feb 20/87 ASSAYER *D. Jeps* DEAN TOYE, CERTIFIED B.C. ASSAYER.

BAY GRAVEL LTD PROJECT - GANT FILE # 87-0368

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SAMPLED	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	
0N 30W	1	18	14	57	.3	17	5	177	2.40	219	5	ND	1	12	1	17	4	32	.08	.043	15	20	.31	96	.03	2	1.03	.01	.06	1	23
0N 28W	1	25	13	68	.1	20	9	231	2.63	116	5	ND	2	10	1	4	3	36	.05	.029	14	19	.31	79	.03	2	1.17	.01	.05	1	11
0N 6N	1	23	12	70	.1	24	8	273	2.60	81	5	ND	1	9	1	2	2	34	.08	.055	13	21	.37	86	.03	2	1.27	.01	.05	1	1
5N 10W	1	5	8	36	.1	9	3	84	1.97	38	5	ND	1	7	1	2	2	40	.05	.025	12	21	.21	59	.04	2	.88	.01	.02	1	2
5N 30W	1	21	14	77	.1	18	6	298	2.88	265	5	ND	1	16	1	7	2	48	.07	.041	16	17	.17	92	.04	4	.87	.01	.04	1	2
10N 28W	1	17	8	60	.2	18	5	184	2.60	467	5	ND	1	9	1	21	2	32	.05	.030	13	21	.34	62	.03	2	1.08	.01	.03	1	165
10N 22W	1	14	17	61	.1	13	6	165	2.63	203	5	ND	3	8	1	15	2	35	.05	.032	13	20	.32	89	.03	2	1.14	.01	.04	1	56
10N 14W	2	8	15	52	.1	9	4	305	1.66	31	5	ND	1	8	1	4	2	47	.04	.038	13	16	.11	59	.04	2	.64	.01	.04	1	1
10N 4W	1	14	8	56	.1	16	6	146	2.16	59	5	ND	1	7	1	4	2	26	.06	.041	12	18	.34	59	.03	3	1.01	.01	.03	1	9
15N 30W	1	29	8	74	.1	25	7	237	2.91	187	5	ND	1	9	1	6	2	37	.04	.030	17	24	.39	79	.03	2	1.43	.01	.07	1	16
15N 28W	1	27	10	71	.3	18	7	162	2.60	189	5	ND	1	11	1	3	5	31	.05	.040	15	23	.37	69	.03	2	1.14	.01	.07	1	36
15N 20W	1	19	15	61	.1	16	6	174	3.59	278	5	ND	4	10	1	7	2	41	.04	.025	15	24	.37	65	.06	2	1.20	.01	.07	2	53
15N 10E	2	29	18	69	.6	26	10	550	2.87	636	5	ND	1	15	1	34	4	44	.06	.054	19	25	.35	155	.05	2	1.19	.01	.17	1	48
15N 14E	1	19	13	68	.1	21	8	288	2.97	249	5	ND	4	8	1	20	2	38	.04	.024	14	26	.40	74	.04	2	1.36	.01	.07	1	58
20W 10W	1	24	16	73	.1	24	11	418	2.66	393	5	ND	2	10	1	27	2	34	.08	.044	14	23	.39	126	.03	2	1.25	.01	.04	6	250
20W 2W	1	8	7	38	.1	8	4	113	2.28	59	5	ND	1	7	1	2	2	42	.04	.035	11	20	.22	64	.03	2	.91	.01	.02	1	1
20W 10E	1	11	14	62	.1	15	5	223	2.33	168	5	ND	1	8	1	6	2	36	.05	.049	12	20	.30	76	.02	2	1.04	.01	.05	1	20
20W 12E	2	25	12	76	.2	19	9	1608	2.22	247	5	ND	1	13	1	7	4	36	.09	.073	13	20	.21	141	.02	3	.97	.01	.07	4	150
25N 28W	1	27	13	67	.1	24	8	246	2.67	77	5	ND	1	10	1	2	2	38	.10	.046	16	27	.46	119	.06	5	1.44	.01	.07	1	250
25N 24W	1	26	11	69	.1	19	8	292	2.67	413	5	ND	1	13	1	8	2	35	.12	.052	16	23	.41	94	.04	3	1.28	.01	.08	1	63
25N 16W	1	15	15	62	.1	15	6	209	2.48	168	5	ND	1	7	1	4	3	34	.05	.046	13	20	.30	79	.02	2	1.07	.01	.05	1	10
25N 12W	1	29	10	83	.1	26	8	249	2.80	222	5	ND	1	10	1	11	2	35	.05	.049	13	24	.42	100	.04	2	1.32	.01	.07	1	34
25N 18E	1	47	11	93	.2	35	19	1018	3.56	1329	5	ND	1	17	1	38	2	23	.16	.081	24	22	.43	184	.03	6	1.15	.01	.22	3	795
25N 20E	2	39	15	70	.1	20	7	429	3.42	1013	5	ND	1	8	1	18	2	35	.03	.054	30	17	.20	95	.03	4	1.03	.01	.06	6	840
30N 22W	1	30	14	58	.1	16	6	154	2.40	163	5	ND	1	11	1	11	2	35	.05	.066	13	23	.32	67	.03	3	1.08	.01	.06	1	15
30N 18W	1	18	8	61	.1	18	8	271	2.48	138	5	ND	3	7	1	10	2	25	.05	.029	12	18	.32	63	.03	2	.93	.01	.03	1	5
30N 22E	1	26	11	45	.2	13	6	174	2.00	458	5	ND	1	9	1	8	3	28	.06	.050	11	16	.21	82	.02	2	.83	.01	.03	1	37
30N 24E	1	11	7	64	.1	13	6	269	2.41	303	5	ND	1	8	1	7	3	33	.05	.044	11	21	.28	75	.02	2	1.03	.01	.04	1	33
35N 8W	3	60	80	68	23.6	13	10	176	5.39	13033	5	2	7	39	1	7549	2	15	.04	.068	20	14	.26	193	.02	2	.77	.01	.38	1	1920
35N 14W	1	25	14	63	.1	20	5	208	2.46	338	5	ND	1	10	1	18	4	34	.09	.054	17	23	.40	80	.04	2	1.17	.01	.06	3	36
STD C/AU-S	20	61	41	133	6.8	70	29	1004	3.82	38	16	8	33	48	16	15	19	63	.46	.096	36	57	.85	178	.08	35	1.65	.07	.14	13	48

35N-28W
35N-24W
min read by
long

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH & REJECT SAVED AU: ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JAN 8 1987 DATE REPORT MAILED: *Jan 14/87* ASSAYER: *D. Toyer* DEAN TOYE, CERTIFIED B.C. ASSAYER.

BAY GRAVEL LTD PROJECT - GANT FILE # 87-0029

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	
35N 26W	3	24	8	81	.1	21	8	224	2.58	115	5	ND	1	12	1	2	2	34	.12	.064	13	28	.40	97	.04	2	1.12	.01	.08	1	55
35N 18W	4	19	7	51	.4	17	5	134	2.05	183	8	ND	1	9	1	4	5	31	.06	.043	13	23	.28	70	.03	3	.91	.01	.07	2	37
35N 12W	4	27	13	81	.1	24	7	279	2.97	364	5	ND	1	9	1	24	4	39	.07	.056	13	29	.43	93	.04	2	1.26	.01	.06	2	29
30N 28W	4	27	12	79	.1	22	9	251	2.77	203	5	ND	1	14	1	2	5	35	.11	.047	15	27	.45	104	.06	4	1.24	.01	.10	4	53
30N 26W	4	22	11	58	.1	16	6	253	2.58	143	5	ND	1	8	1	6	6	35	.05	.030	15	19	.25	65	.04	2	.98	.01	.08	1	29
30N 16W	3	17	7	58	.1	14	5	155	1.79	213	7	ND	1	8	1	2	4	24	.06	.074	12	21	.26	93	.03	3	.84	.01	.15	3	5
30N 6W	4	37	10	74	.3	23	8	225	3.08	492	5	ND	1	11	1	4	5	36	.09	.069	14	26	.37	84	.03	2	1.20	.01	.08	1	137
30N 0W	4	32	7	87	.3	23	14	393	3.35	631	5	ND	1	12	1	68	5	30	.10	.062	17	22	.39	74	.04	2	1.04	.01	.09	1	335
30N 8E	3	12	9	56	.1	13	5	144	2.38	123	5	ND	1	7	1	2	3	31	.08	.040	12	20	.33	63	.03	2	1.01	.01	.03	1	8
30N 18E	3	34	11	86	.3	31	11	339	3.81	1131	5	ND	3	16	1	10	5	27	.06	.039	27	24	.45	81	.04	2	1.36	.01	.17	6	485
25N 20W	4	35	14	71	.2	24	10	266	2.67	349	5	ND	1	8	1	10	8	27	.05	.053	21	29	.42	118	.03	2	1.26	.01	.11	1	55
25N 8W	4	25	11	77	.3	26	13	526	3.01	298	5	ND	1	12	1	5	9	35	.14	.051	15	24	.43	132	.04	2	1.25	.01	.09	1	38
25N 8E	2	6	4	22	.2	5	2	53	1.36	91	9	ND	1	6	1	2	7	32	.03	.028	14	17	.11	49	.02	2	.71	.01	.02	3	8
25N 10E	2	23	8	61	.1	17	8	220	2.29	167	5	ND	1	10	1	2	4	27	.12	.056	14	18	.35	94	.03	2	.96	.01	.04	1	51
20N 28W	3	14	11	40	.4	10	4	105	2.09	159	7	ND	2	9	1	2	7	37	.08	.024	12	17	.21	73	.04	2	.95	.01	.05	2	34
20N 22W	3	13	12	56	.2	9	5	251	2.61	118	5	ND	1	8	1	2	5	43	.07	.028	12	17	.23	78	.05	4	.90	.01	.05	1	5
20N 16W	3	11	6	45	.1	10	4	144	2.15	208	5	ND	1	7	1	4	6	33	.04	.054	11	20	.23	56	.02	2	.86	.01	.04	1	11
20N 16E	3	14	11	56	.2	17	7	217	2.63	128	5	ND	3	7	1	9	6	32	.04	.020	13	20	.31	79	.04	2	1.16	.01	.04	1	34
20N 18E	2	5	6	16	.2	4	2	31	.80	84	5	ND	1	6	1	6	6	15	.02	.042	11	9	.07	32	.01	2	.51	.01	.03	1	71
15N 2W	2	11	11	50	.1	12	5	162	2.23	161	5	ND	1	7	1	7	3	31	.05	.052	13	17	.26	53	.03	3	.82	.01	.04	1	26
15N 8E	2	23	12	51	.5	14	6	1203	1.75	92	5	ND	1	9	1	2	3	38	.04	.035	14	12	.11	87	.03	3	.81	.01	.06	3	11
15N 20E	2	37	13	67	.2	22	7	208	4.14	822	5	ND	5	8	1	31	3	35	.03	.030	24	23	.38	57	.04	2	1.39	.01	.13	3	215
15N 26E	2	21	13	40	1.0	14	5	70	2.19	443	5	ND	1	26	1	20	2	16	.11	.114	14	17	.14	84	.01	3	1.04	.01	.07	4	28
10N 24W	1	12	15	44	.1	12	5	167	2.37	120	5	ND	1	8	1	7	5	39	.06	.029	13	19	.28	80	.03	2	1.14	.01	.03	2	29
10N 16W	1	11	7	48	.2	11	5	135	1.89	111	5	ND	1	7	1	3	2	26	.04	.038	13	17	.25	54	.01	4	.88	.01	.04	2	4
10N 8W	1	14	9	62	.1	14	6	222	2.62	74	5	ND	1	8	1	2	2	35	.06	.039	13	24	.40	67	.03	3	1.32	.01	.04	1	8
5N 32W	1	29	10	86	.1	24	9	256	3.03	263	5	ND	1	11	1	4	2	30	.05	.039	20	20	.36	70	.03	5	1.19	.01	.06	1	18
5N 0W	1	9	13	50	.3	10	4	103	1.97	95	5	ND	1	8	1	3	3	36	.06	.038	12	19	.21	59	.01	2	1.00	.01	.04	1	14
0N 10W	2	15	13	59	.2	14	5	174	2.32	163	5	ND	1	9	1	2	4	35	.06	.038	13	19	.29	81	.02	3	1.04	.01	.05	1	9
0N 0W	1	14	9	67	.1	14	6	186	2.75	81	5	ND	1	7	1	2	2	36	.05	.031	13	22	.35	69	.03	2	1.23	.01	.04	1	7
STD C/AU-5	21	59	36	136	6.9	66	30	1009	3.96	39	20	8	32	48	17	15	21	63	.48	.103	35	59	.89	180	.09	35	1.72	.06	.15	12	53

Ry.

12-93

295

530

74

149

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAR 5 1987 DATE REPORT MAILED: *Mar 9/87* ASSAYER: *D. J. ...* DEAN TOYE. CERTIFIED B.C. ASSAYER.

BAY GRAVEL LTD PROJECT - GANT FILE # 87-0590

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au PPB
35N 32W	1	71	51	110	.4	25	12	656	3.11	421	8	ND	4	21	1	7	5	28	.18	.039	16	22	.37	135	.04	3	1.33	.01	.15	144	87
35N 30W	1	17	13	55	.1	15	5	130	2.02	56	5	ND	1	10	1	2	2	27	.10	.045	11	20	.33	107	.03	2	1.00	.01	.07	3	13
35N 20W	1	27	12	59	.1	18	7	238	2.83	469	5	ND	5	8	1	92	3	13	.08	.052	20	13	.23	59	.02	2	.89	.01	.10	2	43
35N 6W	2	70	30	68	2.4	19	10	301	4.37	1859	8	ND	6	21	1	1034	2	25	.09	.068	20	24	.48	93	.05	2	1.18	.02	.25	2	390
35N 2W	1	21	7	57	.1	13	5	156	2.28	294	5	ND	1	8	1	6	2	29	.09	.048	15	20	.30	72	.03	2	.90	.01	.04	1	29
30N 12W	1	24	11	57	.1	20	7	179	2.42	321	5	ND	1	9	1	3	2	28	.09	.058	13	21	.30	83	.02	2	.85	.01	.04	1	65
30N 8W	1	42	9	65	.2	28	10	250	3.22	498	5	ND	2	8	1	4	2	33	.06	.033	13	23	.37	77	.04	2	1.29	.01	.07	1	108
30N 2W	1	18	9	63	.3	16	7	238	2.54	473	5	ND	1	8	1	10	2	30	.07	.059	12	20	.34	67	.02	2	1.03	.01	.07	1	19
30N 10E	1	3	4	10	.1	2	1	22	.51	36	5	ND	1	4	1	2	2	16	.02	.027	10	8	.06	44	.01	2	.47	.01	.02	1	7
30N 30E	1	15	11	60	.1	15	7	333	2.53	190	5	ND	1	8	1	6	2	27	.06	.043	12	17	.31	67	.03	2	.94	.01	.06	1	23
25N 26W	1	33	12	69	.1	20	13	660	2.40	346	7	ND	4	6	1	14	3	17	.05	.034	20	16	.29	86	.04	4	.95	.01	.17	5	59
25N 2W	1	12	11	38	.1	11	3	72	1.34	68	5	ND	1	8	1	2	2	26	.04	.043	10	14	.15	78	.01	2	.78	.01	.03	2	3
25N 28E	1	10	14	76	.3	14	6	208	2.77	388	5	ND	1	7	1	34	2	30	.05	.036	11	19	.33	87	.03	2	.97	.01	.06	2	43
25N 30E	1	12	18	62	.3	13	5	253	2.46	211	5	ND	1	10	1	31	2	34	.07	.043	9	15	.24	125	.02	2	.77	.01	.05	1	1
20N 26W	1	39	12	64	.1	23	7	210	3.19	677	5	ND	4	12	1	25	3	27	.06	.033	19	23	.45	85	.06	2	1.24	.01	.17	3	250
20N 12W	1	18	13	69	.1	18	9	411	2.96	252	5	ND	1	8	1	19	2	34	.05	.040	12	24	.38	81	.03	2	1.33	.01	.05	2	21
20N 0W	1	24	12	71	.1	20	8	314	2.78	259	5	ND	1	10	1	36	2	33	.08	.058	13	22	.39	97	.03	3	1.25	.01	.06	1	45
20N 32E	1	10	10	68	.1	10	5	306	2.39	110	5	ND	1	11	1	4	2	33	.07	.040	10	16	.26	161	.03	2	.76	.01	.05	1	4
15N 18W	1	46	18	114	.2	27	12	675	2.78	538	5	ND	1	17	1	25	2	26	.14	.052	15	23	.41	139	.03	2	1.13	.01	.13	3	52
15N 14W	1	8	10	30	.1	8	3	85	1.16	190	5	ND	1	9	1	9	2	17	.06	.059	8	13	.13	63	.01	2	.59	.01	.02	1	6
15N 4W	1	6	10	38	.1	9	3	91	1.54	93	5	ND	1	6	1	13	2	28	.04	.020	12	18	.25	61	.02	3	.84	.01	.04	4	12
15N 28E	1	14	12	54	.1	13	5	135	2.23	100	5	ND	1	8	1	5	2	28	.07	.035	13	17	.32	103	.03	2	1.06	.01	.05	1	8
5N 26W	1	21	12	60	.3	13	5	174	2.52	322	5	ND	2	18	1	9	2	31	.05	.047	18	15	.22	96	.04	4	.91	.01	.08	1	13
5N 22W	1	9	10	54	.1	11	7	273	2.60	105	5	ND	4	8	1	13	2	40	.05	.019	13	24	.35	70	.05	2	1.15	.01	.05	1	1
5N 12W	1	8	9	41	.1	8	2	90	1.40	61	5	ND	1	6	1	5	2	26	.03	.031	10	14	.10	53	.01	2	.60	.01	.02	1	1
5N 6W	1	8	11	50	.1	9	5	147	2.54	58	5	ND	1	6	1	2	2	37	.04	.028	10	22	.27	56	.03	3	.96	.01	.03	2	1
0N 32W	1	24	17	74	.1	21	7	279	2.55	211	5	ND	4	16	1	7	2	24	.13	.046	15	19	.37	117	.03	2	1.03	.01	.08	1	67
0N 26W	1	21	12	68	.1	20	6	191	3.10	196	5	ND	4	10	1	10	3	30	.05	.033	15	23	.37	77	.03	2	1.33	.01	.07	1	41
0N 22W	1	17	14	57	.1	13	5	141	3.40	236	5	ND	4	8	1	22	2	34	.04	.029	15	22	.33	67	.03	2	1.18	.01	.05	1	7
0N 16W	1	10	10	49	.1	15	4	114	2.16	140	5	ND	1	5	1	12	2	22	.04	.026	12	19	.30	41	.02	2	.91	.01	.06	3	48
STD C/AU-S	20	58	40	132	6.9	66	28	984	3.97	40	16	7	33	48	17	15	21	61	.48	.098	35	58	.88	177	.08	37	1.73	.07	.14	13	49

AC ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED JAN 26 1987
DATE REPORTS MAILED *Jan 29/87*

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : REJECT *pulverized.*
Au* - 10 gm. IGNITED. HOT AQUA REGIA LEACHED. NIBK EXTRACTION. AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE . CERTIFIED B.C. ASSAYER

BAY GRAVEL LTD PROJECT GANT FILE# 87-0029 R PAGE# 1

SAMPLE	Au* ppb
30N 6W	93
30N 0W	295
30N 18E	530
20N 18E	74
15N 20E	199

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED FEB 13 1987

DATE REPORTS MAILED *Feb 23/87*

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : REJECT

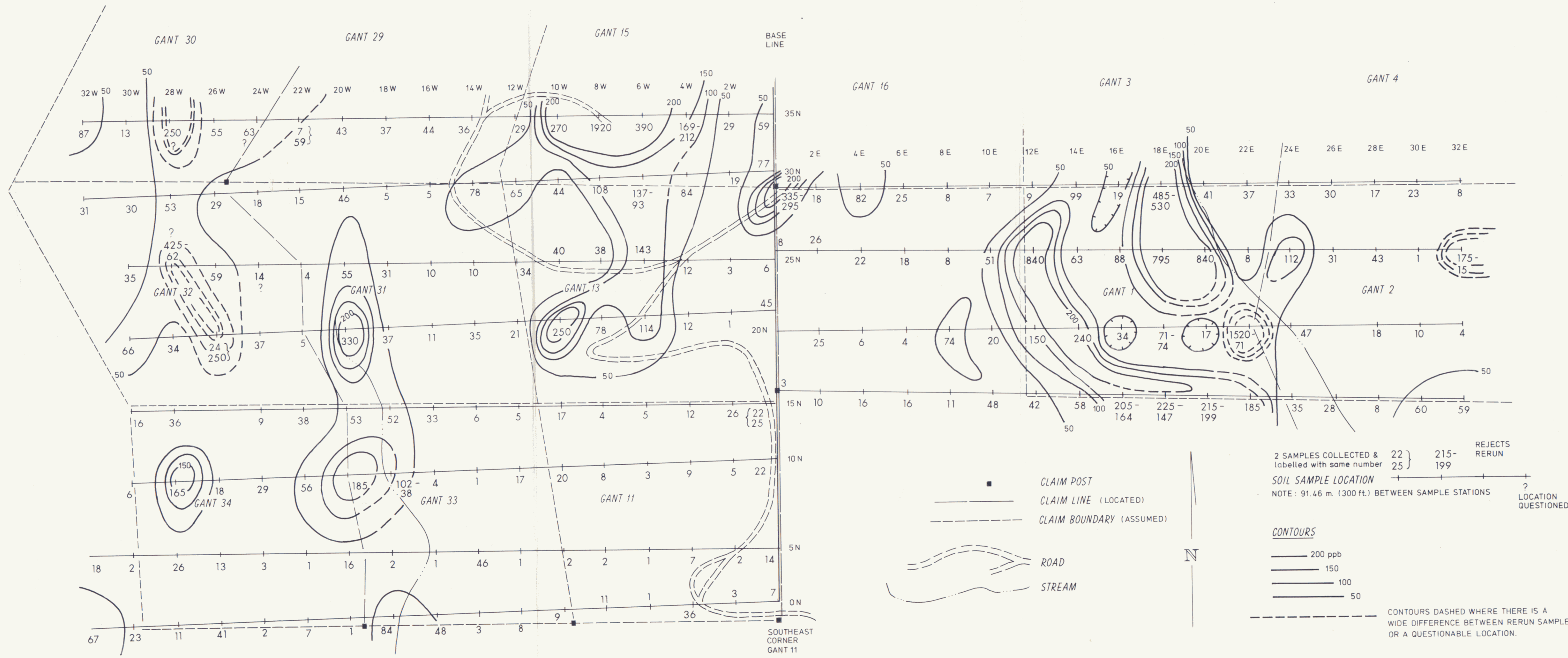
AU** & PT** - 10GM FIRE ASSAY CONCENTRATION. HNO3 LEACHED.
AQUA REGIA DIGESTION. GRAPHITE FURNACE AA ANALYSIS.

ASSAYER *D. Toyne* DEAN TOYE , CERTIFIED B.C. ASSAYER

BAY GRAVEL LTD FILE# 87-0170 R

PAGE# 1

SAMPLE	Au** ppb	Pt** ppb
35N 4W	212	8
25N 28W	62	2
25N 32E	15	2
20N 22E	71	3
15N 16E	164	3
15N 18E	147	2
10N 18W	38	3



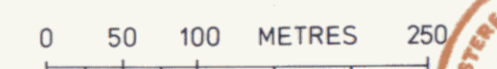
JUNE 1987

GANT CLAIM GROUP

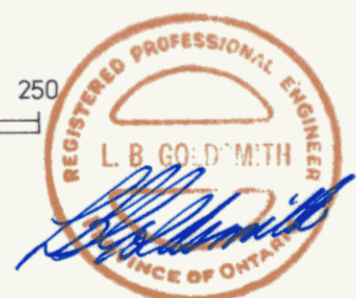
SCHEELITE DOME Y.T.
 MAYO Mining Division N.T.S. 115 P / 16

Soil Geochemistry

1:5000



Au ppb



TO ACCOMPANY REPORT PREPARED FOR

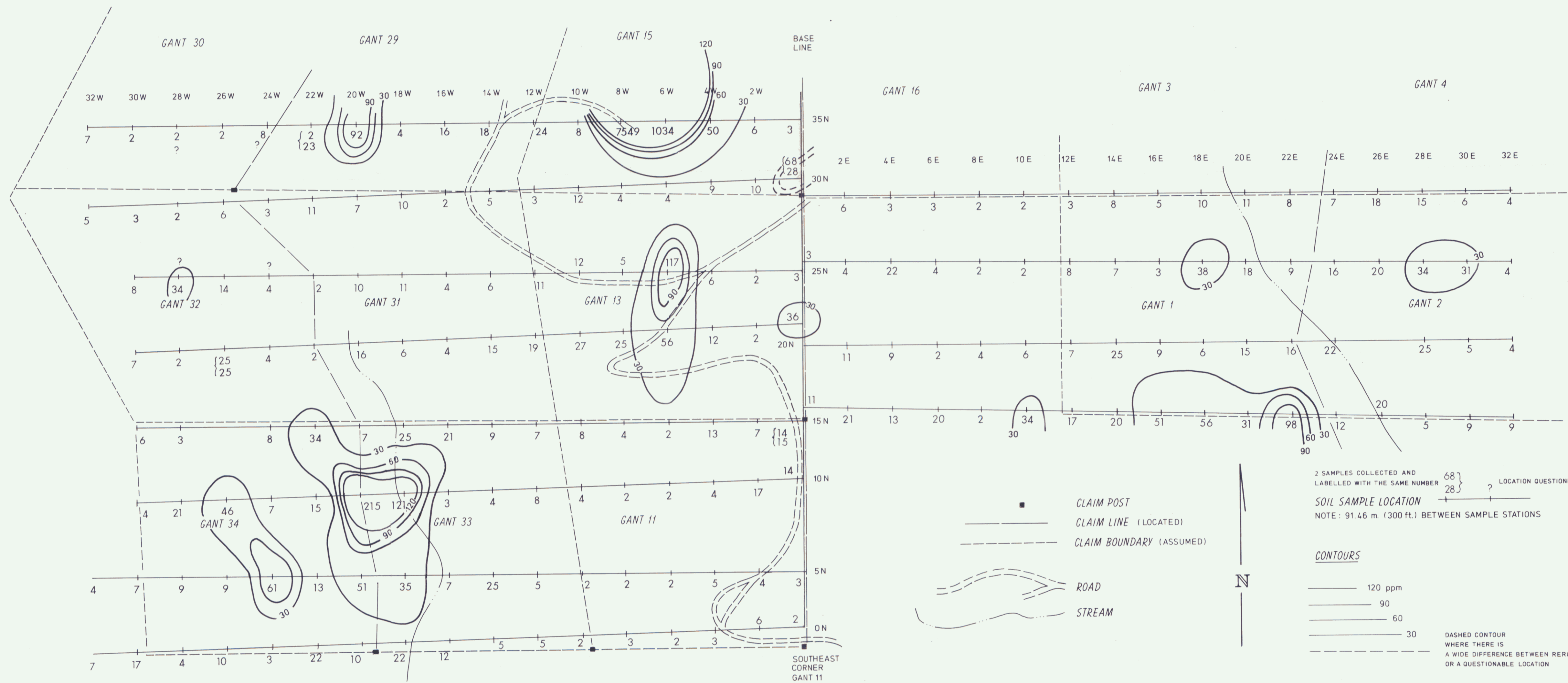
R. RIEPE

BY
 PAUL KALLOCK, GEOLOGIST
 LOCKE B. GOLDSMITH P.Eng.
 CONSULTING GEOLOGIST

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1229



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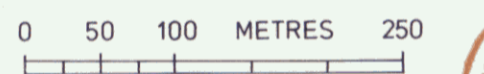
GANT CLAIM GROUP

SCHEELITE DOME Y.T.

MAYO MINING DIVISION NTS 115P/16

Soil Geochemistry

1:5000



Sb ppm



TO ACCOMPANY REPORT PREPARED FOR

R. RIEPE

BY

PAUL KALLOCK, GEOLOGIST

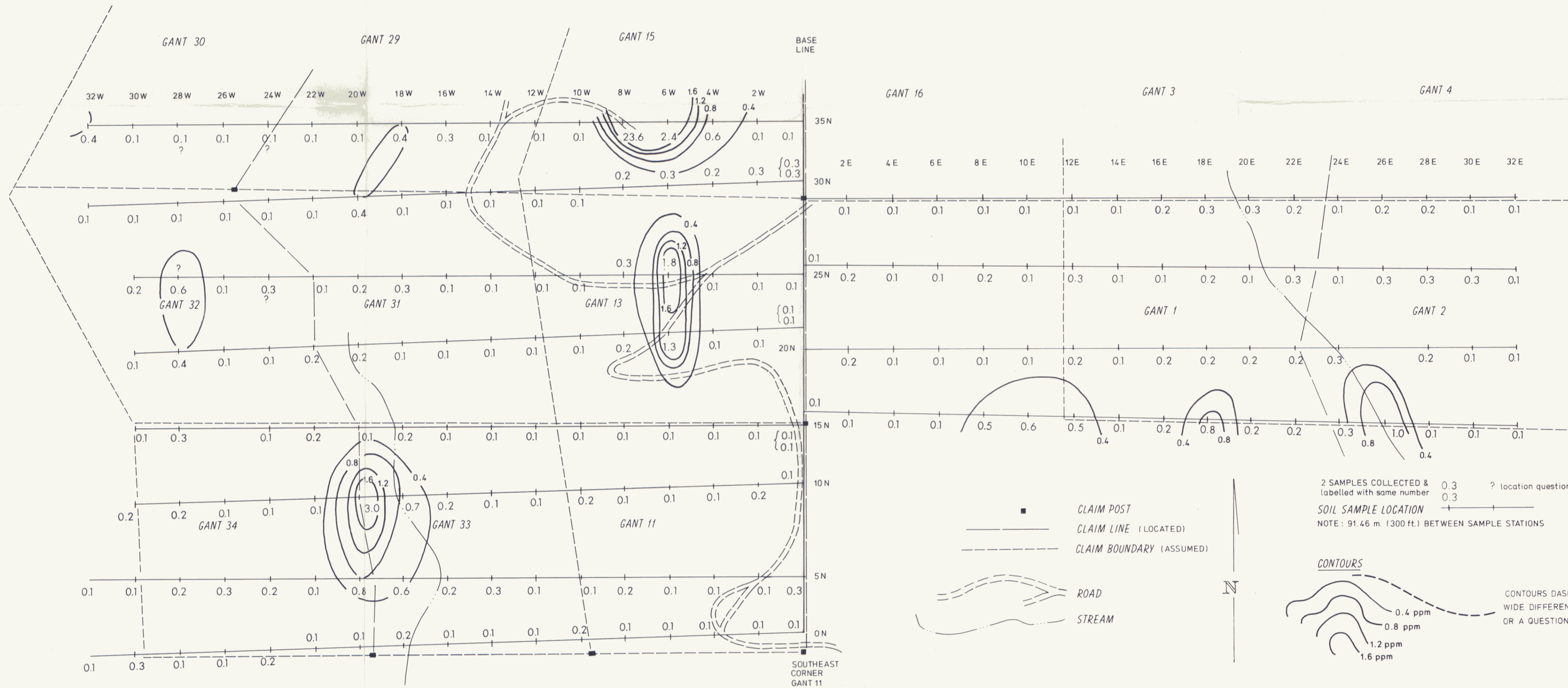
LOCKE B. GOLDSMITH P.Eng.

CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES

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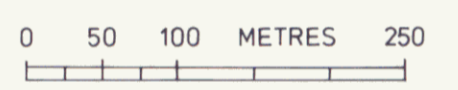
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GANT CLAIM GROUP
SCHEELITE DOME Y.T.
 MAYO MINING DIVISION NTS 115P/16

Soil Geochemistry
1:5000



Ag ppm



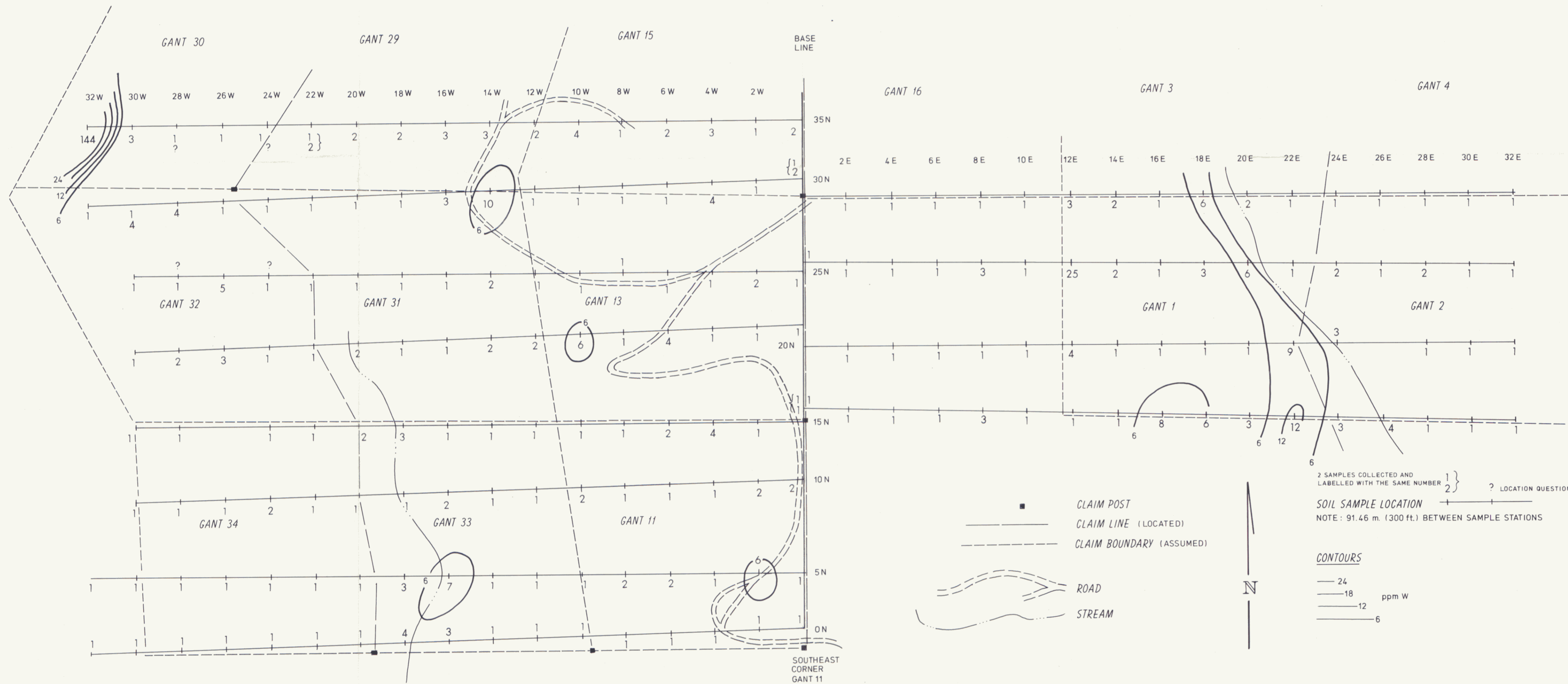
TO ACCOMPANY REPORT PREPARED FOR
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■ CLAIM POST
 — CLAIM LINE (LOCATED)
 - - - CLAIM BOUNDARY (ASSUMED)
 — ROAD
 ~~~~~ STREAM

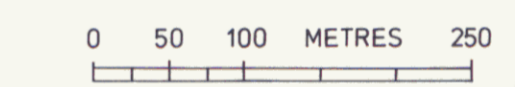
2 SAMPLES COLLECTED AND LABELLED WITH THE SAME NUMBER }  
 SOIL SAMPLE LOCATION    ? LOCATION QUESTIONED  
 NOTE: 91.46 m. (300 ft.) BETWEEN SAMPLE STATIONS

CONTOURS  
 — 24  
 — 18  
 — 12  
 — 6  
 ppm W

JUNE 1987

**GANT CLAIM GROUP**  
 SCHEELITE DOME Y.T.  
 MAYO MINING DIVISION NTS 115P/16

**Soil Geochemistry**  
 1:5000



W ppm



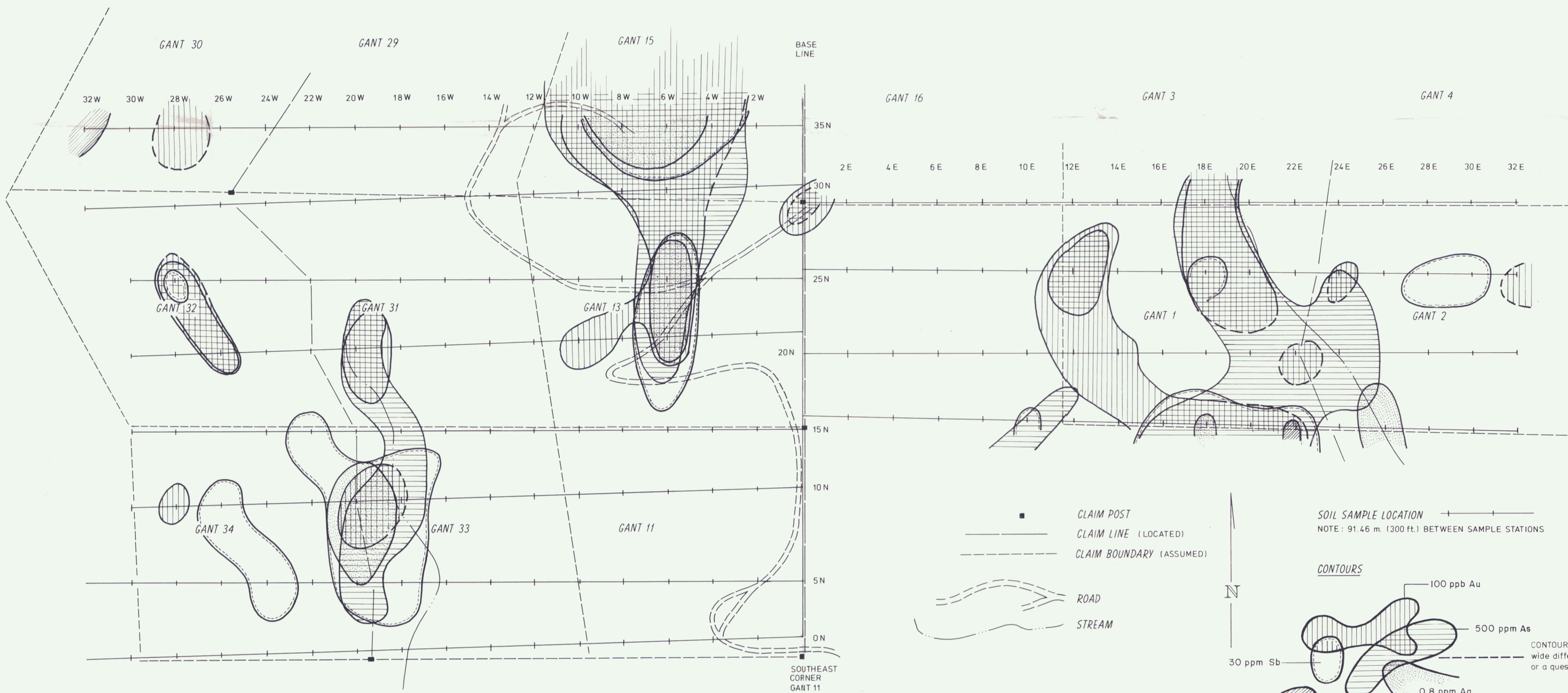
TO ACCOMPANY REPORT PREPARED FOR  
**R. RIEPE**

BY  
 PAUL KALLOCK, GEOLOGIST  
 LOCKE B. GOLDSMITH P.Eng.  
 CONSULTING GEOLOGIST

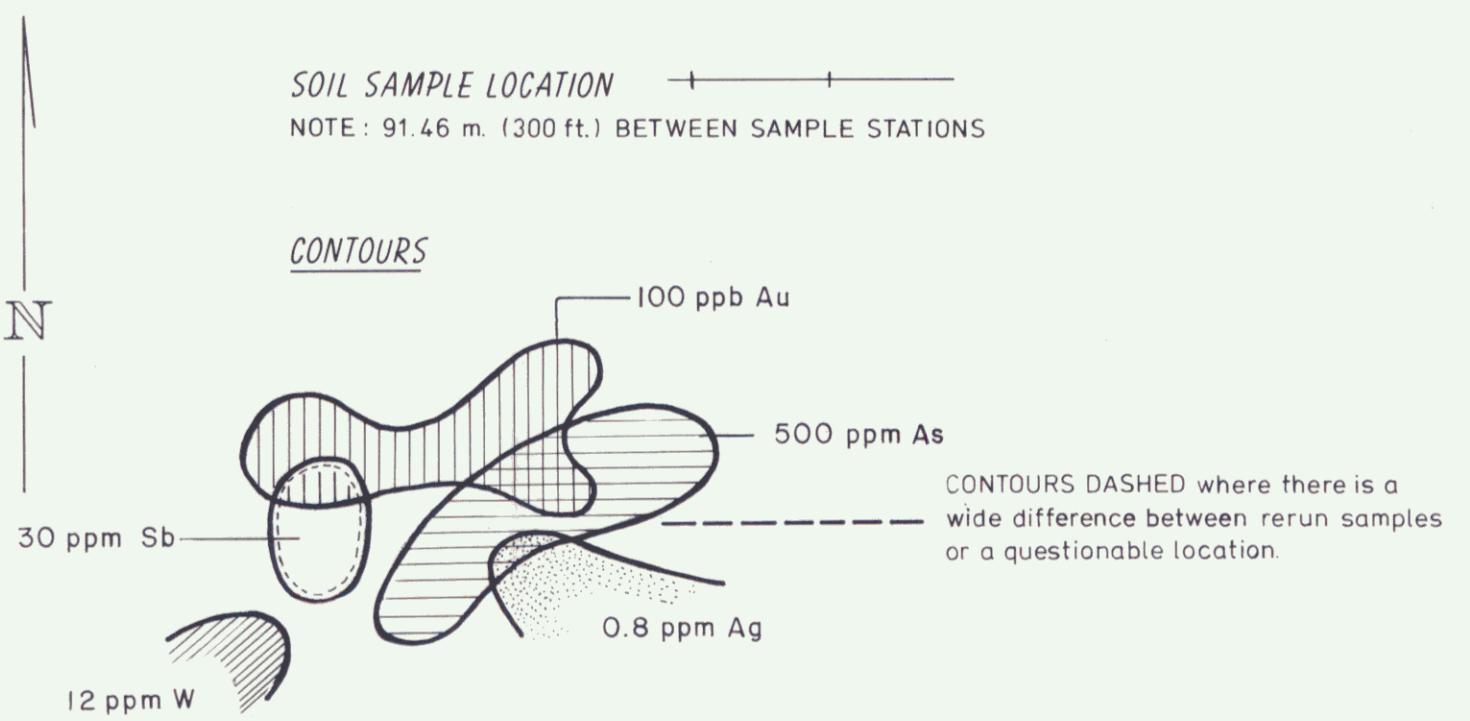
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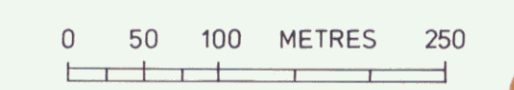
- CLAIM POST
- CLAIM LINE (LOCATED)
- - - CLAIM BOUNDARY (ASSUMED)
- ROAD
- STREAM



JUNE 1987

**GANT CLAIM GROUP**  
SCHEELITE DOME Y.T.  
MAYO MINING DIVISION NTS 115P/16

**Soil Geochemistry**  
1:5000



**Compilation**



TO ACCOMPANY REPORT PREPARED FOR  
**R. RIEPE**  
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PAUL KALLOCK, GEOLOGIST  
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CONSULTING GEOLOGIST

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