

84-#945 - 12902  
8185

GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT ON  
THE GETTY (OLD KRAIN PROPERTY) MINERAL CLAIMS  
CONSISTING OF GETTY 1-24 AND A FRACTION

KAMLOOPS MINING DIVISION  
NTS 92 I/11E, 92 I/10W

Longitude 121°00'  
Latitude 50°35'

OWNER OF CLAIMS:

Robak Industries  
2520 Ashhurst Avenue  
Coquitlam, B. C.

OPERATOR:

Robak Industries

CONSULTANT:

Gower, Thompson & Associates Ltd.  
#360 - 522 Seventh Street  
New Westminster, B. C. V3M 5T5

AUTHOR:

Stephen C. Gower  
Geologist

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**12,902**

OCTOBER 31, 1984

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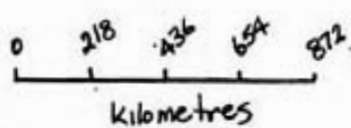
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1 : 8,617,000



PROPERTY  
LOCATION MAP

HIGHLAND VALLEY, B.C.

SCALE  
1" = 136 Miles

Fig 1

## INTRODUCTION

Gower, Thompson & Associates Ltd. were contracted by Robak Industries to carry out a deep profile soil sampling program over the Getty property. The purpose of the survey was to assess in a preliminary fashion the possibility of significant gold or silver mineralization associated or adjacent to the upper bearing structures. Special attention was to be paid to testing soil cover over previously identified I.P. anomalies. To carry out the survey in as efficient a manner as possible, samples were taken utilizing where possible bulldozer cuts into road banks.

## LOCATION AND ACCESS

The Getty property is located in the northern portion of the Highland Valley area of southern British Columbia. The claims are situated about 24 km southeast of Ashcroft, in the Kamloops MD, at approximately 50°35'N latitude and 121°00'W longitude. Access to the property is via the South Seas - Trojan Road which leaves the main Highland Valley Road at the old Bethlehem Mine.

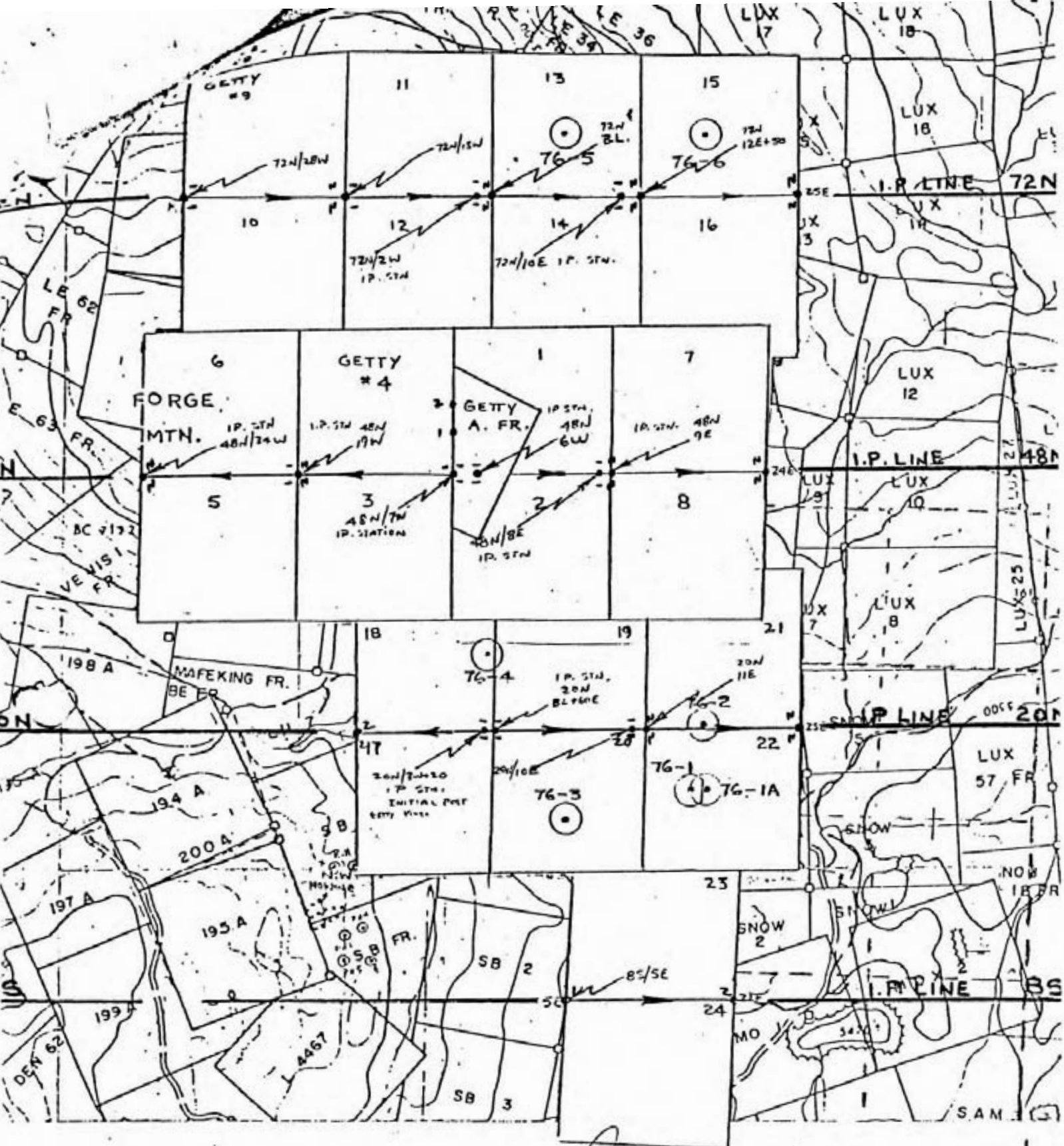
## CLAIM STATUS

The property consists of the Getty 1-24, two-post claims and the A fractional claim. These claims are wholly owned by Robak Industries.

Getty 1-2, Record No. 128405-406 (Month of Record - August)

Getty 3-4, Record No. 128545-546 (Month of Record - August)

Getty 5-24, Record No. 128547-566 (Month of Record - August)

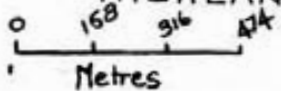


GETTY CLAIMS

#1-24 + A FRACTION

KAMLOOPS MINING DIVISION

HIGHLAND VALLEY, B.C.



Metres

1:15840

CLAIM MAPS

92I/11E

+

92I/10W

SCALE 1" = 1320'

fig 3



## HISTORY

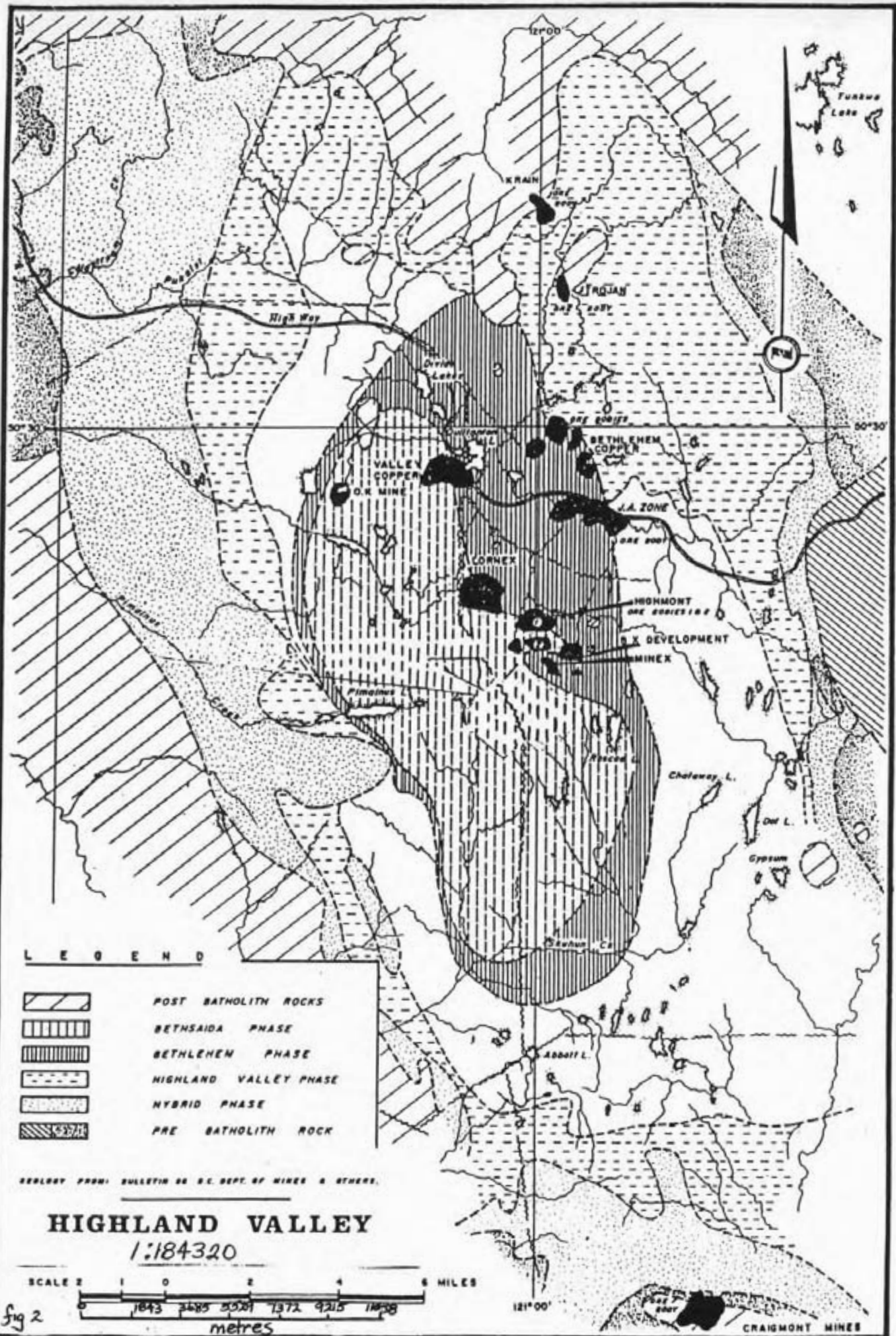
In 1955, the property was acquired by the Beaverlodge Uranium - Farwest Tungsten group from Northlodge Copper Mines Ltd. It was optioned in succeeding years to major and junior mining companies who have expended about \$1,300,000 on the property. The property was allowed to lapse and was subsequently restaked by Robak Industries in 1976.

A list of optioners since 1955 and a summary of work is as follows:

- 1966-1967: Beaverlodge Uranium and Farwest Tungsten optioned the property and carried out magnetometer and geochemical surveys, geological mapping, 600 metres of bulldozer trenching and 27 diamond drill holes totalling 2,937 metres DDH K-1 to K-27 inclusive.
- 1957-1959: The property was optioned to Kennecott Copper who carried out geological mapping, geochemical, magnetometer and I.P. surveys, 660 metres of bulldozer trenching and diamond drilled two holes totalling 340 metres. DDH K-28, D-1. Option agreement was terminated by Kennecott and the property remained dormant until 1964.
- 1964-1965: North Pacific Mines acquired the property and diamond drilled eight holes totalling 2,344 metres and percussion drilled 17 holes totalling 800 metres. DDH 1-65 to 8-65 and P-1 to P-17.
- 1965-1966: Property was optioned to Canex Aerial Explorations Ltd. who carried out a soil sampling survey and a diamond drilling program totalling 2,000 metres. DDH 9-65 to 22-65 and 1-66, 2-66.

- 1967: The property was optioned to the Isaac Shulman Syndicate of Vancouver who diamond drilled four holes totalling 846 metres. DDH S-30 to S-33.
- 1968: The property reverted to North Pacific Mines Ltd. who carried out some bulldozer trenching and an airborne magnetometer survey.
- 1968-1969: The property was optioned to Brameda Resources Ltd. who, in turn, optioned it to Noranda Explorations Ltd. Noranda carried out geochemical and I.P. surveys, geological mapping and follow-up diamond drilling, totalling 958 metres, DDH 1-69 to 3-69 and 9-69 to 12-69 of geophysical anomalies located at some distance from the main copper zone.
- 1970: The property again reverted to North Pacific who drilled 25 percussion holes totalling 1,150 metres P1-70 to P18-70, P20-70 to P26-70.
- 1971-1972: The property was optioned to Getty Mines who carried I.P. surveys and drilled 16 percussion holes totalling 1,766 metres and three diamond drill holes totalling 625 metres. DDH 71-1 to 71-3.
- 1972-1973: The property was optioned to Quintana Minerals who drilled several percussion holes to test for an extension of the copper zone under volcanic cover to the northwest.
- 1974: The property was inactive until 1976 when it was allowed to lapse.





1976-1982: The property was staked by Robak Industries who carried out claim surveys, and a limited percussion drill program.

#### ECONOMIC ASSESSMENT

The Getty mineral deposit, based on about 125 diamond and percussion drill holes totalling 13,800 metres, occurs as a relatively narrow and deeply buried mineral zone approximately 400 metres long, 45 metres wide and up to 450 metres deep.

Chalcopyrite, bornite and pyrite occur mainly as specks, disseminations and fracture fillings within the quartz diorite and breccia zones and near the shattered margins of the porphyry intrusive. An extensive zone of oxidation covers the northwestern portion of the mineral zone. Mineralization within the oxide zone consists of chrysocolla, malachite, azurite, cuprite, chalcocite, native copper, hematite and magnetite.

Based on diamond drilling done to 1973, reserves exploitable in a mineable zone from a combination of open pit and bulk caving consist of:

Cut-off grade 0.30% Cu

22x10<sup>6</sup> tons sulphide copper at 0.34%

13x10<sup>6</sup> tons oxide copper at 0.42%

In plan, the copper sulphide zone is triangular with the known apex to the southeast. The zone appears to be cut off by a fault to the northwest. The northeastern and southern boundaries are near vertical; however, the nose appears to have a steep plunge to the northwest.

The oxide zone is thickest over the centre of the copper zone and appears to increase in thickness and decrease in grade to the north-west. The southern edge of the zone has had the copper leached out leaving predominantly iron oxides.

The copper sulphide zone has been tested to a depth of 150 metres. Holes deeper than 800 feet have been drilled only in the southeast nose of the zone and most of these grade in excess of 0.20%. Assays from the deepest hole indicate that 0.22% copper is present 450 metres below the surface.

Based on results to date, the viability of the deposit will depend on the silver, gold and molybdenum contents of the mineral zone. Attention should be focused on discovering zones amenable to extraction from surface containing significant credits in precious metals.

#### SUMMARY OF WORK

Soil Samples	119
Rock Samples	6
Silt Samples	3

All samples were analyzed for copper, silver and gold. One rock sample KR-84-38R was also analyzed contained detectable concentrations of silver. Only six samples contained detectable concentrations of gold; of these, four are considered anomalous. The other two detectable values do, however, substantiate the adjacent anomalies.

WORK WAS CARRIED OUT ON THE FOLLOWING CLAIMS:

Getty #1, 2, 3, 4, 5, 6, 7, 8, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.  
All claims are grouped.

<u>Sample No.</u>	<u>ppm Cu</u>	<u>ppm Ag</u>	<u>ppb Au</u>	<u>Soil Horizon</u>	<u>Depth</u>	<u>Bedrock Type</u>	<u>Notes</u>
SKR-84-001	39	-0.2	-5	B	0.1	Granitic	Background
002	64	-0.2	-5	B	0.3	Granitic	Background
003	155	-0.2	-5	B	0.5	Granitic	Background
004	35	-0.2	-5	B	0.5	Granitic	Background
006	101	-0.2	-5	B	0.1	Granitic	Background
007	77	-0.2	-5	B	0.3	Granitic	Background
008	45	-0.2	-5	B	0.3	Granitic	Background
009	35	-0.2	-5	B	0.4	Granitic	Background
010	131	-0.2	-5	B	0.2	Granitic	Background
011	24	-0.2	-5	B	0.1	Granitic	Background
012	34	-0.2	-5	B	0.3	Granitic	Background
013	24	-0.2	-5	B	0.2	Granitic	Background
014	30	-0.2	-5	B	1.2	Volcanic)	
015	27	-0.2	-5	B	0.8	Volcanic)	Background
016	19	-0.2	-5	B	1.1	Volcanic)	Capping
017	31	-0.2	-5	B	1.3	Volcanic)	Cu-zone
018	19	-0.2	-5	B	0.9	Volcanic)	
019	28	-0.2	-5	B	0.5	Volcanic	Background
020	43	-0.2	-5	B	1.3	Volcanic	Background
021	34	-0.2	-5	B	0.8	Volcanic	Background
022	42	-0.2	-5	B	0.7	Volcanic	I.P. Anomaly
023	56	-0.2	-5	B	0.3	Volcanic	I.P. Anomaly
024	95	-0.2	-5	B	0.4	Volcanic	I.P. Anomaly
025	100	-0.2	-5	B	0.4	Volcanic	I.P. Anomaly
026	172	-0.2	05	B	0.1	Granitic	Background
027	48	-0.2	-5	B	0.3	Granitic	Background
028	34	-0.2	-5	B	0.2	Granitic	Background
029	30	-0.2	-5	B	0.1	Granitic	Background
030	310	-0.2	-5	B	0.4	Granitic	Copper Zone
032	125	-0.2	-5	B	0.3	Granitic	Copper Zone
033	285	-0.2	05	B	0.3	Granitic	Copper Zone

<u>Sample No.</u>	<u>ppm Cu</u>	<u>ppm Ag</u>	<u>ppb Au</u>	<u>Soil Horizon</u>	<u>Depth</u>	<u>Bedrock Type</u>	<u>Notes</u>
SKR-84-034	335	-0.2	-5	B	0.1	Granitic	Copper Zone
035	760	-0.2	-5	B	0.2	Granitic	Copper Zone
Silt 036	1470	-0.2	-5	-	Active	-	
037	400	-0.2	-5	B	0.3	Granitic	Copper Zone
Rock 038	1.52%	.09 oz/ton	.002 oz/ton	oz/ton	Float		
039	940	-0.2	-5	B	0.3	Granitic	Copper Zone
040	410	-0.2	-5	B	0.1	Granitic	Copper Zone
041	540	-0.2	-5	B	0.2	Granitic	Copper Zone
042	350	-0.2	-5	B	0.5	Granitic	Copper Zone
043	480	-0.2	-5	B	0.6	Granitic	Copper Zone
044	550	-0.2	-5	B	0.7	Granitic	Copper Zone
045	240	-0.2	30	B	1.3	Granitic	Copper Zone
046	121	-0.2	-5	B	0.9	Granitic	Copper Zone
047	123	-0.2	-5	B	0.5	Granitic	Copper Zone
048	123	-0.2	-5	B	0.5	Granitic	Copper Zone
049	127	-0.2	-5	B	1.2	Granitic	Copper Zone
050	600	-0.2	-5	B	0.3	Granitic	Copper Zone
051	51	-0.2	-5	B	0.2	Granitic	Copper Zone
052	54	-0.2	-5	B	0.3	Granitic	Copper Zone
053	115	-0.2	5	B	0.5	Granitic	Copper Zone
054	33	-0.2	50	B	0.1	Granitic	Copper Zone
055	33	-0.2	-5	B	0.2	Granitic	Copper Zone
056	128	-0.2	-5	B	0.1	Granitic	Copper Zone
057	19	-0.2	-5	B	0.3	Volcanic)	Capping
058	15	-0.2	-5	B	0.1	Volcanic)	Copper Zone
059	154	-0.2	-5	C	0.2	Volcanic	Background
silt 060	83	-0.2	5	-	Active	--	
061	154	-0.2	-5	B	0.1	Volcanic	Background
062	17	-0.2	-5	Uncon- formity	0.1	Volcanic	Background

<u>Sample No.</u>	<u>ppm Cu</u>	<u>ppm Ag</u>	<u>ppb Au</u>	<u>Soil Horizon</u>	<u>Depth</u>	<u>Bedrock Type</u>	<u>Notes</u>
SKR-84-063	28	-0.2	-5	B	0.5	Volcanic	Background
064	39	-0.2	-5	B	0.2	Volcanic	Background
065	10	-0.2	-5	B	0.2	Volcanic	Background
Silt 066	34	-0.2	15	-	Active	---	
067	12	-0.2	-5	B		Volcanic	Background
068	16	-0.2	-5	B	0.8	Volcanic	Background
069	8	-0.2	-5	B	0.2	Volcanic	Background
070	6	-0.2	-5	B	0.2	Volcanic	Background
071	8	-0.2	-5	B	0.2	Volcanic	I.P. Anomaly
072	21	-0.2	-5	B	1.0	Volcanic	I.P. Anomaly
073	10	-0.2	-5	B	0.5	Volcanic	I.P. Anomaly
074	8	-0.2	-5	B	0.5	Volcanic	Background
075	8	-0.2	-5	B	0.4	Volcanic	Background
076	18	-0.2	-5	B	0.2	Volcanic	Background
077	20	-0.2	-5	B	0.2	Volcanic	Background
078	26	-0.2	-5	B	1.0	Volcanic	Background
079	28	-0.2	-5	B	0.1	Volcanic	I.P. Anomaly
080	11	-0.2	-5	B	0.2	Volcanic	I.P. Anomaly
081	8	-0.2	-5	B	0.1	Volcanic	I.P. Anomaly
082	28	-0.2	5	B	1.0	Volcanic	I.P. Anomaly
083	22	-0.2	180	B	0.4	Volcanic	I.P. Anomaly
084	12	-0.2	-5	B	0.4	Volcanic	Background
085	14	-0.2	-5	B	0.2	Volcanic	Background
086	6	-0.2	-5	B	0.2	Volcanic	Background
087	12	-0.2	-5	B	0.1	Volcanic	Background
088	37	-0.2	-5	B	1.0	Volcanic	Background
089	17	-0.2	-5	B	0.1	Volcanic	Background
090	30	-0.2	-5	B	0.2	Volcanic	Background
091	137	-0.2	-5	B	3.0	Oxide Zone	Copper Zone
092	700	-0.2	-5	B	7.5	Oxide Zone	Copper Zone

<u>Sample No.</u>	<u>ppm Cu</u>	<u>ppm Ag</u>	<u>ppb Au</u>	<u>Soil Horizon</u>	<u>Depth</u>	<u>Bedrock Type</u>	<u>Notes</u>
SKR-84-093	400	-0.2	-5	C	4.0	Oxide Zone	Copper Zone
094	115	-0.2	-5	B	0.1	Oxide Zone	Copper Zone
095	15	-0.2	-5	B	0.1	Volcanic	Background
096	14	-0.2	-5	B	0.1	Volcanic	Background
097	24	-0.2	-5	B	1.5	Volcanic	Background
098	22	-0.2	-5	B	0.6	Volcanic	I.P. Anomaly
099	26	-0.2	-5	B	0.4	Volcanic	I.P. Anomaly
100	18	-0.2	-5	B	0.2	Volcanic	I.P. Anomaly
101	20	-0.2	-5	B	0.2	Volcanic	Background
102	15	-0.2	-5	B	0.1	Volcanic	Background
103	27	-0.2	-5	B	0.5	Granitic	Background
104	27	-0.2	-5	B	0.2	Granitic	Background
105	23	-0.2	-5	B	0.5	Granitic	Background
106	27	-0.2	-5	B	0.4	Granitic	Background
107	29	-0.2	-5	B	1.0	Granitic	Copper Zone
108	830	-0.2	-5	B	1.5	Granitic	Copper Zone
109	24	-0.2	-5	B	0.8	Granitic	Copper Zone
110	75	-0.2	-5	B	0.2	Granitic	Copper Zone
111	575	-0.2	-5	B	0.6	Granitic	Copper Zone
112	300	-0.2	-5	B	0.1	Granitic	Copper Zone
113	790	-0.2	-5	B	0.1	Granitic	Copper Zone
114	1055	-0.2	-5	B	0.2	Granitic	Copper Zone
115	930	-0.2	-5	B	1.5	Granitic	Copper Zone
116	1130	-0.2	-5	B	1.6	Granitic	Copper Zone
117	360	-0.2	-5	B	0.3	Granitic	Copper Zone
118	76	-0.2	-5	B	0.1	Granitic	Copper Zone
119	87	-0.2	-5	B	1.2	Granitic	Copper Zone
120	910	-0.2	-5	B	0.2	Granitic	Copper Zone
121	95	-0.2	-5	B	0.1	Granitic	Copper Zone

<u>Sample No.</u>	<u>ppm Cu</u>	<u>ppm Ag</u>	<u>ppb Au</u>	<u>Soil Horizon</u>	<u>Depth</u>	<u>Bedrock Type</u>	<u>Notes</u>
SKR-84-122	360	-0.2	-5	B	0.5	Granitic	Copper Zone
123	19	-0.2	-5	B	0.2	Granitic	Copper Zone
124	17	-0.2	-5	B	0.2	Granitic	Copper Zone
125	840	-0.2	-5	B	2.5	Granitic	Copper Zone
126	88	-0.2	-5	B	7.0	Granitic	Copper Zone
127	74	-0.2	-5	B	7.0	Granitic	Copper Zone
128	600	-0.2	-5	B	5.0	Granitic	Copper Zone



## DETAILED TECHNICAL DATA AND INTERPRETATION

### PURPOSE

The purpose of the present survey was to attempt to discover gold and silver zones related to the known copper mineralization within the Getty deposit. In addition, attention was focused on discovering new copper zones related to previously identified I.P. anomalies. Prior to the field examination, data compilation was carried out to facilitate the geological observations.

### RESULTS

Three significant gold in soil anomalies and one gold in silt were discovered in the present survey.

KR-84-045 - 30 ppb	KR-84-054 - 50 ppb
KR-84-066 - 15 ppb	KR-84-083 - 180 ppb

No new copper zones were discovered by the deep soil profiling.

### INTERPRETATION

KR-84-045 - This soil sample was taken in an area of shallow to moderate soil cover on the edge of the known copper zone just west of a major regional fault.

KR-84-054 - This soil sample was taken over the main oxide copper zone just west of the same fault related to sample KR-84-045. Soil cover here is relatively thick locally reaching in excess of 5.0 metres.

KR-84-066 - This silt value returned a low amplitude gold anomaly from an area of volcanic cover possibly related to the source area for KR-84-083.

KR-84-083 - This soil value returned the strongest anomaly discovered in the survey. It appears to be specially related to a north trending I.P. anomaly underlain by volcanic rock.

#### CONCLUSIONS

Four gold in soil or silt anomalies were discovered which require follow-up. It appears that concentrations of gold may occur in or adjacent to the localizing shear structures that control the copper mineralization.

#### RECOMMENDATIONS

Detailed gold in silt and soil surveys should be implemented in the vicinity of the newly discovered anomalies to localize the source of the anomalies.

*Stephen C. Hoover*

ITEMIZED COST STATEMENT

GETTY PROPERTY

PERIOD:	July 4, 5, 6, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30.		
S. C. GOWER	- 19 days @ \$240	\$ 4,560	
E. M. THOMPSON	- 19 days @ \$120	<u>2,280</u>	\$ 6,840
SUPPORT	- 19 days @ \$75		1,425
TRUCK COSTS	- 19 days @ \$60		1,140
GAS	-		350
ASSAYS - BONDAR - CLEGG -			1,350
REPORT PREPARATION:			
4 days @ \$186.25/day			745
Drafting - 25 hrs. @ \$10/hr			250
Typing - 10 hrs. @ \$10/hr			100
Copying and printing			<u>100</u>
		TOTAL:	\$ 12,300
			=====

*Stephen C. Gower*

QUALIFICATIONS

1. I received a B.Sc. from University of British Columbia in 1970 in Geology and have taken Masters courses in exploration, property evaluation and ore reserve calculations.
2. I was employed as a Geologist with Kennco Explorations (Western) Ltd. during the period 1970-1975, and as Senior Geologist from 1976-1977.
3. I practiced my profession as Senior Geologist with Lacana Mining Corp. from 1978 to 1982.
4. From 1983 to the present, I have practised as a consulting geologist with Gower, Thompson & Associates Ltd.

S. C. Gower



BIBLIOGRAPHY

- NORTHCOTE, K.E. (1969); Geology and Geochronology of the Guichon Batholith.
- McMILLAN, W.J. (1971); Preliminary Geological Mpa of the Highland Valley, B. C. Department of Mines.
- AGOR, C.A. (1972); Gravity Magnetics and Geology of the Guichon Creek Batholith, Bull 62.
- GRISWOLD, G.B.; Summary Report of Field Work Conducted by Getty Mines on the Krain Deposit, February 29, August, 1972.

APPENDIX A

GEOCHEMICAL LAB REPORT

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R3  
Phone: (604) 985-0661  
Telex: 04-352667



Geochemical  
Lab Report

GOWER THOMPSON & ASSOCIATES.  
GOWER THOMPSON & ASSOC.  
360-522 7th STREET  
NEW WESTMINSTER, B.C.  
V3M 5T5





REPORT: 124-2042

FROM: GOWER THOMPSON & ASSOCIATES.  
DATE: 09-AUG-84 PROJECT: KRAIN

SUBMITTED BY: S. GOWER

ORDER	ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
01	Cu	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption	-80	SOILS	DRY, SEIVE -80
02	Ag	.2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption	-80		
03	Au	5 PPB	AQUA REGIA	Fire Assay AA	-80		
04	wt/Au	.01 gm					

REPORT COPIES TO: GOWER THOMPSON & ASSOC.

INVOICE TO: GOWER THOMPSON & ASSOC.

REMARKS: VALUES IN Au WEIGHT COLUMN ARE -20 FRACTION

DETECTION LIMITS FOR GOLD

20 GRAM SAMPLE: 5 PPB.

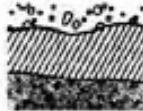
10 GRAM SAMPLE: 10 PPB.

1 GRAM SAMPLE: 100 PPB.

SAMPLE WT. 20 G. UNLESS OTHERWISE STATED.

NOTE:

CHECK CONCENTRATION/SAMPLE WEIGHT RATIO  
FOR EFFECTIVE DETECTION LEVEL.



REPORT: 124-2042

PROJECT: KRAIN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Ag PPM	Au PPB	wt/Au gm	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Ag PPM	Au PPB	wt/Au gm	NOTE
S KR-84-001		39	<0.2	<5			S KR-84-042		350	<0.2	<5		
S KR-84-002		64	<0.2	<5			S KR-84-043		480	<0.2	<5		
S KR-84-003		155	<0.2	<5			S KR-84-044		550	<0.2	<5	8.00	
S KR-84-004		35	<0.2	<5			S KR-84-045		240	<0.2	30	9.00	
S KR-84-005		88	<0.2	<5	7.00		S KR-84-046		121	<0.2	<5		
S KR-84-006		101	<0.2	<5	7.00		S KR-84-047		123	<0.2	<5		
S KR-84-007		77	<0.2	<5			S KR-84-048		123	<0.2	<5		
S KR-84-008		45	<0.2	<5			S KR-84-049		127	<0.2	<5		
S KR-84-009		35	<0.2	<5			S KR-84-050		600	<0.2	<5		
S KR-84-010		131	<0.2	<5			S KR-84-051		51	<0.2	<5		
S KR-84-011		24	<0.2	<5			S KR-84-052		54	<0.2	<5		
S KR-84-012		34	<0.2	<5			S KR-84-053		115	<0.2	5		
S KR-84-013		24	<0.2	<5			S KR-84-054		33	<0.2	50		
S KR-84-014		30	<0.2	<5			S KR-84-055		33	<0.2	<5		
S KR-84-015		27	<0.2	<5			S KR-84-056		128	<0.2	<5		
S KR-84-016		19	<0.2	<5			S KR-84-057		19	<0.2	<5		
S KR-84-017		31	<0.2	<5			S KR-84-058		15	<0.2	<5		
S KR-84-018		19	<0.2	<5			S KR-84-059		154	<0.2	<5	2.00	
S KR-84-019		28	<0.2	<5			S KR-84-060		83	<0.2	5		
S KR-84-020		43	<0.2	<5			S KR-84-061		154	<0.2	<5	2.00	
S KR-84-021		34	<0.2	<5			S KR-84-062		17	<0.2	<5		
S KR-84-022		42	<0.2	<5	3.00		S KR-84-063		28	<0.2	<5		
S KR-84-023		56	<0.2	<5			S KR-84-064		39	<0.2	<5		
S KR-84-024		95	<0.2	<5			S KR-84-065		10	<0.2	<5		
S KR-84-025		100	<0.2	<5			S KR-84-066		34	<0.2	15		
S KR-84-026		172	<0.2	<5			S KR-84-067		12	<0.2	<5		
S KR-84-027		48	<0.2	<5			S KR-84-068		16	<0.2	<5		
S KR-84-028		34	<0.2	<5			S KR-84-069		8	<0.2	<5		
S KR-84-029		30	<0.2	<5			S KR-84-070		6	<0.2	<5		
S KR-84-030		310	<0.2	<5			S KR-84-071		8	<0.2	<5		
S KR-84-031		240	<0.2	<5			S KR-84-072		21	<0.2	<5		
S KR-84-032		125	<0.2	<5			S KR-84-073		10	<0.2	<5		
S KR-84-033		285	<0.2	<5			S KR-84-074		8	<0.2	<5		
S KR-84-034		335	<0.2	<5			S KR-84-075		8	<0.2	<5		
S KR-84-035		760	<0.2	<5			S KR-84-076		18	<0.2	<5		
S KR-84-036		1470	<0.2	<5			S KR-84-077		20	<0.2	<5		
S KR-84-037		400	<0.2	<5			S KR-84-078		26	<0.2	<5		
S KR-84-039		940	<0.2	<5	6.00		S KR-84-079		28	<0.2	<5		
S KR-84-040		410	<0.2	<5			S KR-84-080		11	<0.2	<5		
S KR-84-041		540	<0.2	<5			S KR-84-081		8	<0.2	<5		

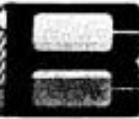


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Certificate  
of Analysis

GOWER THOMPSON & ASSOCIATES.  
GOWER THOMPSON & ASSOC.  
360-522 7th STREET  
NEW WESTMINSTER, B.C.  
V3N 5T5



REPORT: 424-2042

FROM: GOWER THOMPSON & ASSOCIATES.  
DATE: 09-AUG-84 PROJECT: KRAIN

SUBMITTED BY: S GOWER

ORDER	ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
01	Au	.002 OPT			-150	ROCK OR BED ROCK	ASSAY PREP
02	Ag	.02 OPT			-150		
03	Cu	.01 PCT			-150		
04	Pb	.01 PCT			-150		

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REPORT: 424-2042

PROJECT: KRAIN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	Pb PCT	NOTES
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R KR-84-38R		0.002	0.09	1.52	<0.01	} REVERSE ON MAP (Cu, Ag, Au.)
R KR-84-129		0.002	0.02	1.84		
R KR-84-130		<0.002	0.03	0.67		
R KR-84-131		<0.002	0.08	2.62		
R KR-84-132		0.002	0.03	0.21		

R KR-84-133		<0.002	0.02	0.10		
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APPENDIX B

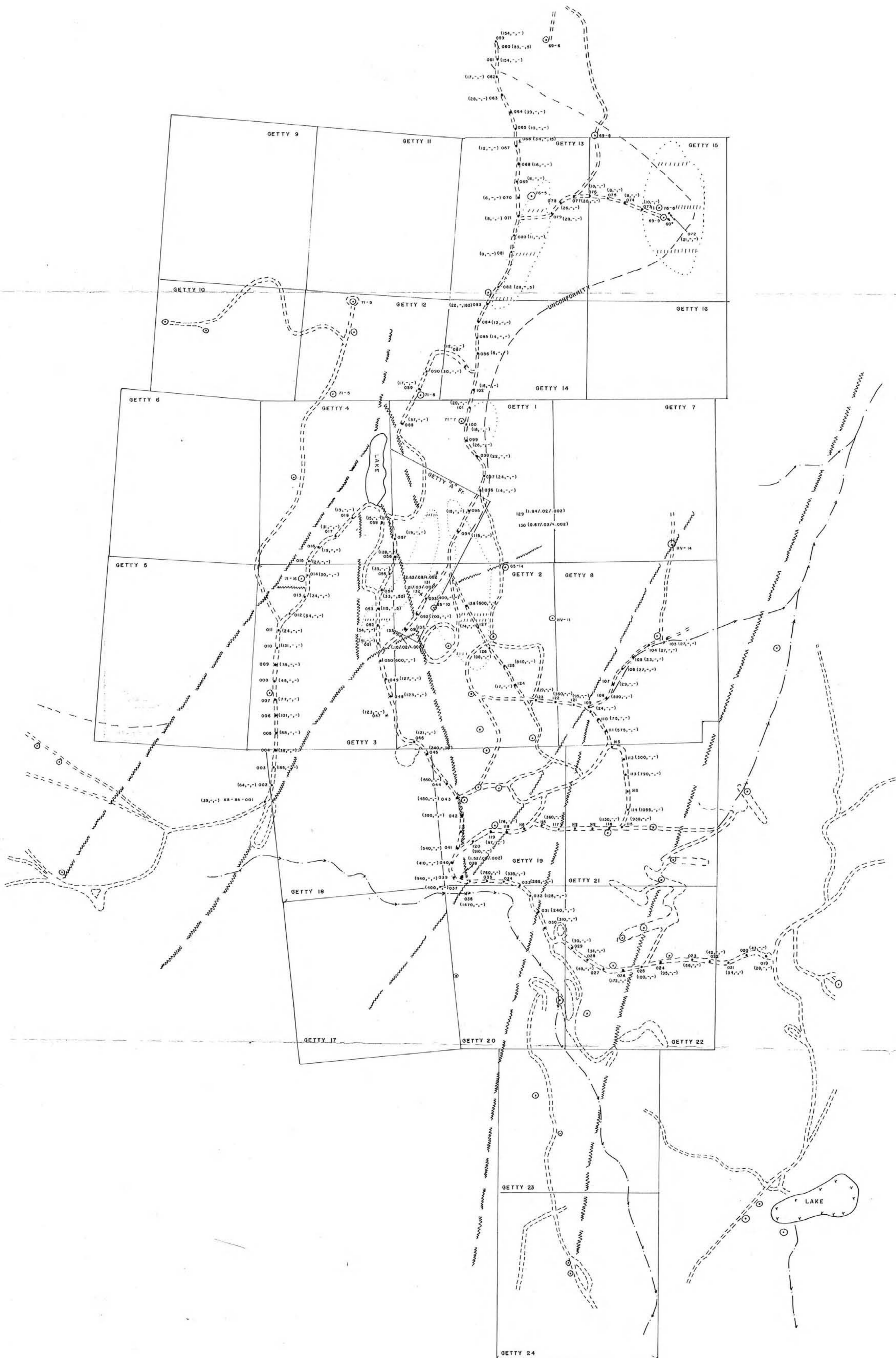
SAMPLING PROCEDURES

APPENDIX B

SAMPLING PROCEDURES

Soil samples were procured utilizing a long handled shovel to attain as deep a sample as possible. In addition, the samples were generally selected from the uphill side of bulldozer roads where the bank had been cut to expose deeper soil horizons. In this way, it was hoped that the results obtained would have more validity than nearer surface samples. In such an area of extensive smearing of values within the soil, horizons may occur resulting in extensive down-ice anomalies.





- 4-WHEEL ROAD
- DRILL HOLE
- CREEK
- FAULT
- I.P. ANOMALIES

- X SILT SAMPLE
  - ROCK SAMPLE
  - SOIL SAMPLE
- SAMPLE NO. DATE
- 131 (2.82 / 0.87 / 0.02)
  - 081 (22 / 1 / 180)
  - 082 (11 / 1 / 180)
  - 083 (11 / 1 / 180)
  - 084 (11 / 1 / 180)
  - 085 (11 / 1 / 180)
  - 086 (11 / 1 / 180)
  - 087 (11 / 1 / 180)
  - 088 (11 / 1 / 180)
  - 089 (11 / 1 / 180)
  - 090 (11 / 1 / 180)
  - 091 (11 / 1 / 180)
  - 092 (11 / 1 / 180)
  - 093 (11 / 1 / 180)
  - 094 (11 / 1 / 180)
  - 095 (11 / 1 / 180)
  - 096 (11 / 1 / 180)
  - 097 (11 / 1 / 180)
  - 098 (11 / 1 / 180)
  - 099 (11 / 1 / 180)
  - 100 (11 / 1 / 180)

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

12,902

0 50 100 150  
METRES

GOWER, THOMPSON & ASSOCIATES LTD.			
ROBAK INDUSTRIES			
GETTY PROPERTY GEOCHEMISTRY & STRUCTURE			
Date by SCG	Drawn by ENT	SCALE 1:4800	Fig 4