

'81. #69 - #9021

Geochemical Report

BURLINGTON GOLD MINES LTD. YANKEE GIRL - DUNDEE PROPERTY

Lat. 49° 17.5' Long. 117° 11'

Nelson Mining Division

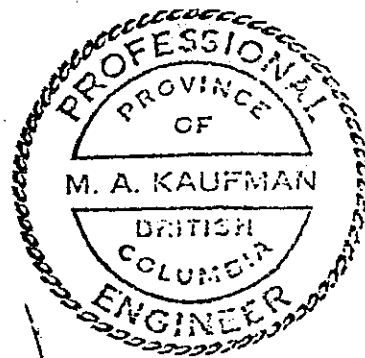
82 F/6E

by

M. A. Kaufman, P. Engineer

KNOX, KAUFMAN, INC.

June - September, 1980



Expiry Date: July 18, 1981

TABLE OF CONTENTS

	<u>Page</u>
Introduction	1
Fieldwork	1
General Geology	3
Local Geology	3
Object of Geochemical Survey	3
Geochemical Results	3
Conclusions	4
Statement of Costs	5

ILLUSTRATIONS

Index Map	
Geochemical Soil Survey Map	
Topography and Mine Workings Map	
Cumulative Percent Frequency Plot	Au
Cumulative Percent Frequency Plot	Ag
Cumulative Percent Frequency Plot	Pb

INTRODUCTION

The Burlington Gold Mines Ltd. Yankee Girl - Dundee property is comprised of 24 crown-granted claims and six mineral claims situated in the Nelson Mining Division, the latter being the Denny Group.

The mine area is located approximately 3 kilometres E-NE of Ymir, between Oscar and Ymir Creeks. Access is via a logging road from Ymir roughly following Oscar Creek and then via a 4-wheel drive mine road.

The mine area is situated on the southern slopes of Mt. Dundee at elevations of 900 M. to 1,500 M. A.S.L. Vegetation consists of both primary coniferous forest and second growth trees and bushes.

A soil geochemical survey was undertaken by Ryan Exploration Co. Ltd. and Knox, Kaufman, Inc., personnel under the supervision of Knox, Kaufman, Inc.

FIELDWORK

Fieldwork on the property was carried out by P. Wagner and J. Wilson during the period June 1 through August 24, 1980. The fieldwork was supervised by M. A. Kaufman, P. Eng., a geologist with the firm of Knox, Kaufman, Inc.

Seven N50°W survey lines were established by chain and compass with the zero point of each line being at the intersection of the line with a NE trending mine road cutting across the property. Stations were marked by red flagging at 15 M. intervals along the lines, and soil samples were taken at each station by a trowel-shovel. Soil samples were generally taken at + .5 M. depth where a brown soil horizon underlies the humus layer. The samples were then sent to a custom laboratory (Bondar-Clegg & Company Ltd.) and analyzed for their Au, Ag, and Pb contents using the following procedures.

- Analyses for Pb, Zn, and Ag

1. Samples dried in infra red ovens.
2. Soils/seds are screened (-80 mesh unless otherwise directed) and rolled simply.
3. Weighed on 0.5 gm.
4. Digested 3 hours in LeFort Aqua Regia.

5. Bulked to 20% acid concentration, homogenized, and allowed a uniform settling time.
6. Analyzed by atomic absorption in constant comparison with both synthetic and matrix standards.
7. Results permanently recorded on chart paper.

- Analyses for Au

1. Samples dried in infra red ovens.
2. Soils/seds are screened (-80 mesh unless otherwise directed) and rolled simply.
3. A 20 gm. sample is subjected to a Pb fusion in the presence of strong fluxes to assure a total breakdown of the sample. Samples are inquarted with liquid Ag and covered with an impermeable flux capping to ensure quantitative collection of Au.
4. Dore beads resulting from cupellation are dissolved in aqua regia. Solutions thus obtained are analyzed by an atomic absorption endpoint that is relatively interference free.
5. Results obtained are total, but semi-quantitative in view of the one step process followed in geochemical analysis. Range of accuracy is a positive less than 5 ppb to 10,000 ppb. Normal reproducibility is ± 5 ppb at low levels and $\pm 20\%$ or better at the high end. Principal reproducibility problems are ones of sample homogeneity at the -80 or -100 mesh levels. A sparse occurrence of free gold can give a result ranging 0 - 1000 ppb, while perfect analysis of duplicate 20 gm. cuts can give up to $\pm 100\%$ of the mean 500 ppb value based on pulp homogeneity alone (stream sediments are particularly susceptible to this type of problem). Fortunately, (on a 20 gm. sample) results in the 0-100 ppb range and the 1000+ ppb range are normally very reproducible due to a combination of mode of occurrence in the low range and statistical probabilities with respect to free gold in the higher ranges.

GEOLOGY

The mine area is underlain by a northerly trending steeply dipping band of argillite and quartzite which has been mapped by the GSC as Triassic Ymir Group. The sediments are in places gneissic at surface, and dumps from the deeper workings are comprised chiefly of gneiss indicating the probability of increasing metamorphism with depth. Past production of +400,000 tons with an average recoverable grade of .25 oz/T Au, 1.3 oz/T Ag, 1.5% Pb, 2.8% Zn and .6% Cd has been extracted from ENE striking veins localized in the Ymir sediments.

OBJECT OF GEOCHEMICAL SURVEY

A limited soil survey was conducted over the mineralized area (across the strike direction of the known veins) to determine whether the known mineralized structures are detectable, and whether there might be wider zones of stratabound mineralization.

GEOCHEMICAL RESULTS

Soil samples were obtained from 405 stations and analyzed for Au, Ag, and Pb; in some samples Zn was also tested. The results are plotted on a 1" = 100 meter scale map. The values were grouped into intervals and the frequencies, percent frequencies, and cumulative percent frequencies were calculated.

Based upon our calculations the following average and anomalous values were determined:

average Au is 16 ppb and anomalous Au is 30 ppb;
average Ag is .5 ppm and anomalous Ag is 1.5 ppm; and
average Pb is 36 ppm and anomalous Pb is 70 ppm.

Generally, there is a broad anomalous zone along line J-7 (across the strike of the veins) which continues in narrow strands along strike to line J-6. The anomalous zones detected on lines J-6 and J-7 approximately overlie the most productive portion of the Yankee Girl mine (the strike of the veins is indicated by the direction of the underground workings seen on the workings map). These veins did not, however, break through to surface, and a traverse north from zero along the most anomalous portion of line J-7 indicated no obvious mineralized outcrop, though minor barren quartz was evident. It appears possible that the anomalous areas north of zero on lines J-6 and J-7 might be the result of primary geochemical "leakage" from the underlying vein zones.

A narrow linear gold anomaly at approximately 70 M. south on lines J-5 and J-6, and at 110 M. on line J-7 might represent an extension of the Dundee vein beyond where it was stoped.

Other anomalous areas of possible interest are on line J-2 at approximately 200 M. south, and on J-1 at approximately 320 M. south. These anomalies might represent unexposed mineralized zones, and are worthy of additional investigation.

CONCLUSIONS

It appears possible that primary upward leakage from "blind" veins might have been sufficient to allow detection at surface by geochemical methods as is evidenced by the anomalies seen on lines J-6 and J-7 approximately over the Yankee Girl vein system.

* Other anomalies detected might represent blind veins or mineralized zones that are exposed at surface.

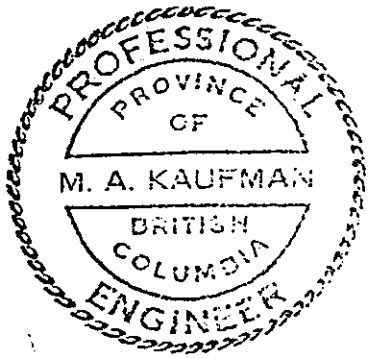
It would be worthwhile to trench the anomalous areas where there is no known mineralization to determine whether they do represent mineralization at surface (after resampling to check the validity of the assays).

In terrain of this type one must use caution in interpreting anomalies, as both gold and lead can mechanically concentrate in soil giving spurious anomalies under certain conditions (i.e., along narrow alluvial valleys in areas of mixed bedrock and alluvium).

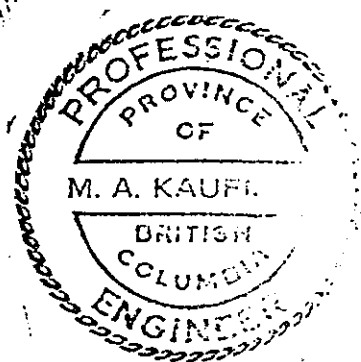
M. A. Kaufman
P. Eng.

M. A. Kaufman
NOV. 17, 1980

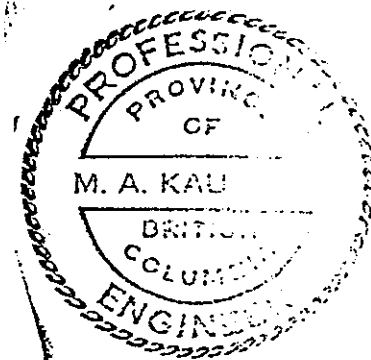
MAK:ps



Expiry Date: July 10, 1981



Expiry Date: July 10, 1981



Expiry Date: July 10, 1981

STATEMENT OF COSTS

		<u>Salaries</u>	
M. A. Kaufman	18 days	\$ 3,330.00	(U.S.)
J. Wilson	11½ days	982.50	(U.S.)
P. Wagner	3 days	202.50	(Cdn.)
Field Expenses (motel, meals, etc.)		478.00	(Cdn.)
Travel Expenses			
Vehicle rentals		619.00	(U.S.)
Commercial		123.00	(U.S.)
Miscellaneous Field Expenses		86.00	(Cdn.)
Analysis of Samples			
405 samples for Au, Ag, Pb		3,232.00	(Cdn.)
samples for Zn			
Drafting and Map Preparation		207.00	(U.S.)
Map reproductions and copies		210.00	(U.S.)
Total		\$ 9,470.00	
Convert U.S. to Canadian (add 10% to expenditures made in U. S. funds)		547.00	
Grand Total		\$10,117.00	

YAKKE GIL - FJ

46 8080

KOE PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

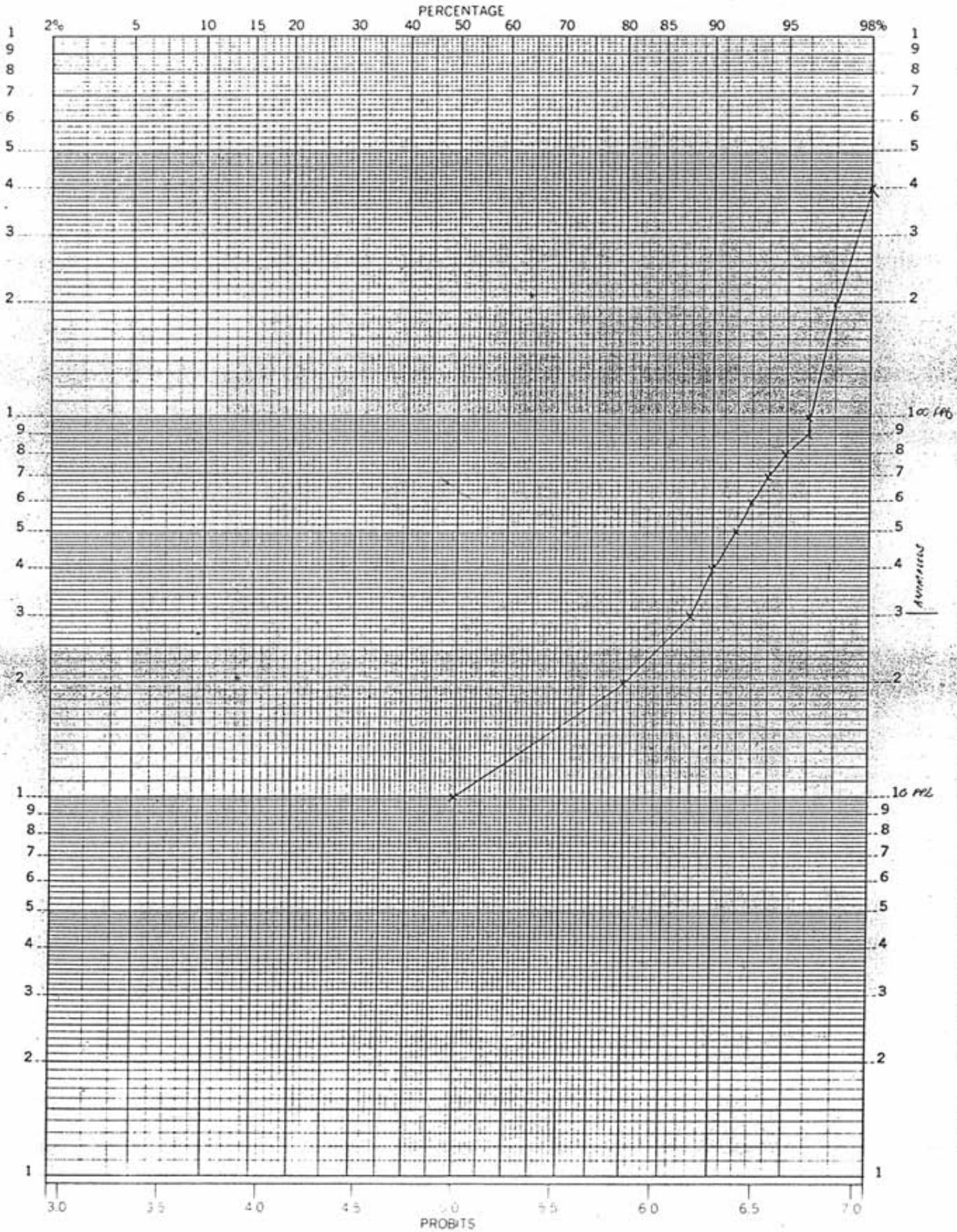
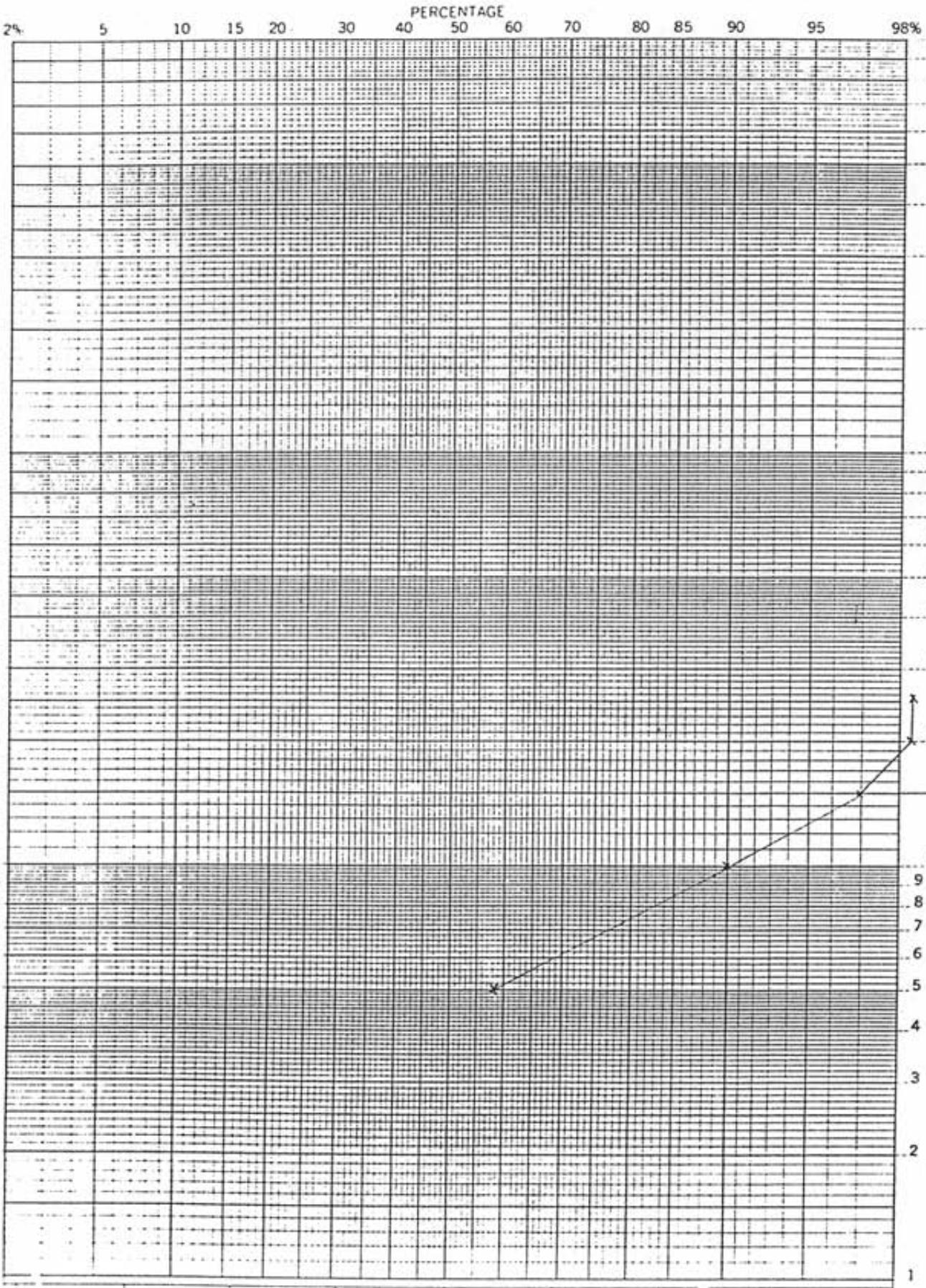


Fig. 11.11.11. 11.11.2

CON. 11.11.15. FREQUENCY PLOT

GRAVED (216) - A₁



BASE INTERVAL .5 MIN

CUMULATIVE FREQUENCY PLOT

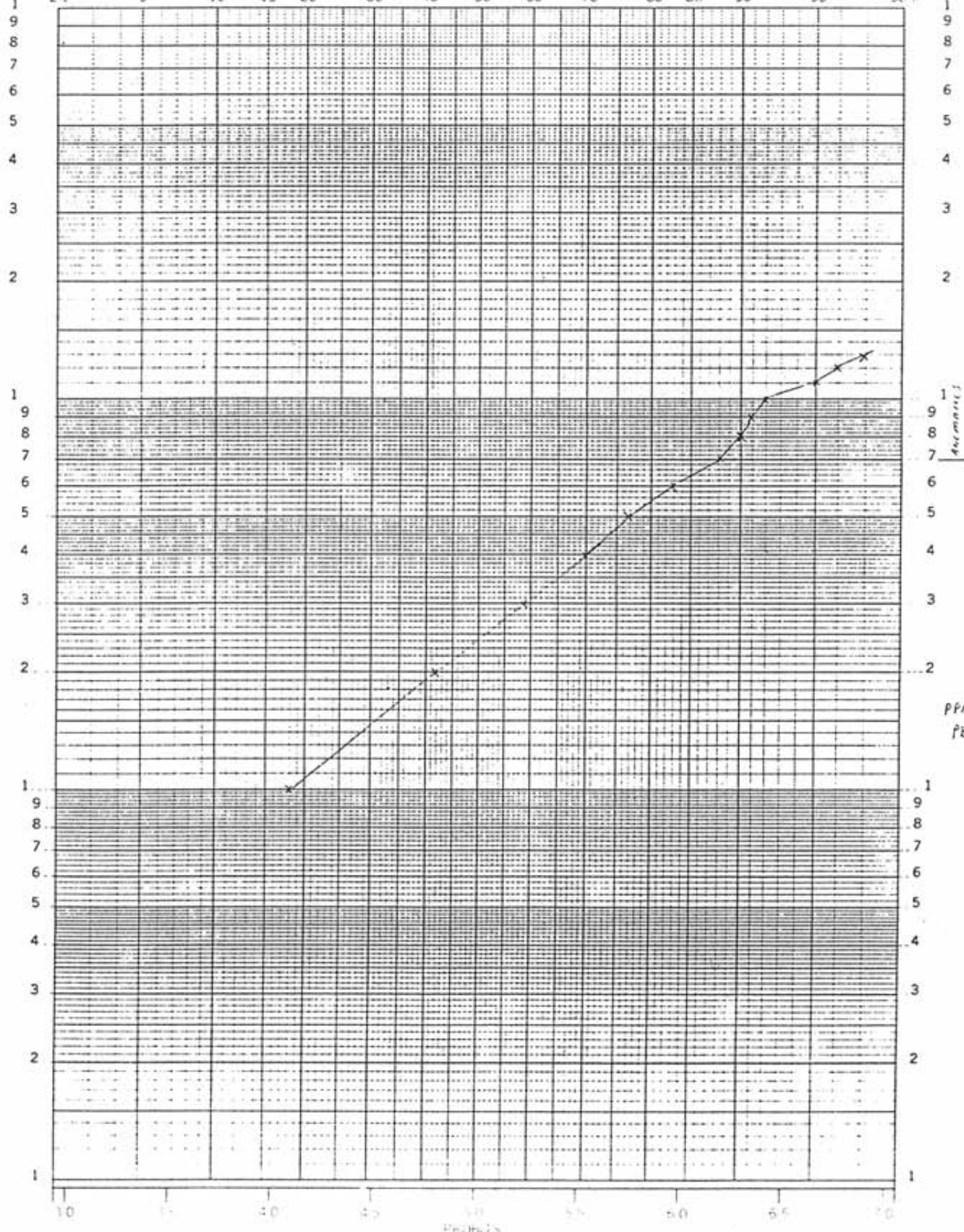
46 8080

K-E PROBABILITY X J LOG CYCLES KEUFFEL & ESSER CO. MADE IN U.S.A.

PERCENTAGE 2% 5 10 15 20 30 40 50 60 70 80 85 90 95 98%

46 8080

K-E PROBABILITY X LOG CYCLES KEUFFEL & ESSER CO. MADE IN U.S.A.



EMERSON - 10116

CUMULATIVE FREQUENCY PLOT

To: Knox, Kaufman, Inc.

REPORT NO. A20 - 1552

PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: October 14, 1980

P.O. Box 14336
Spokane, Washington 99214

CERTIFICATE OF ASSAY


Samples submitted: October 1, 1980
Results completed: October 14, 1980

PROJECT: PCMI (BC) YG

I hereby certify that the following are the results of assays made by us upon the herein described pulp samples.

MARKED	GOLD		SILVER		Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton							
MK80-222	0.37										

NOTE:
Rejects retained three weeks
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia

To: Knox, Kaufman, Inc.

REPORT NO. A20 - 609

PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: August 1, 1980

P.O. Box 14336
Spokane, Washington
99214

CERTIFICATE OF ASSAY
CORRECTED REPORT

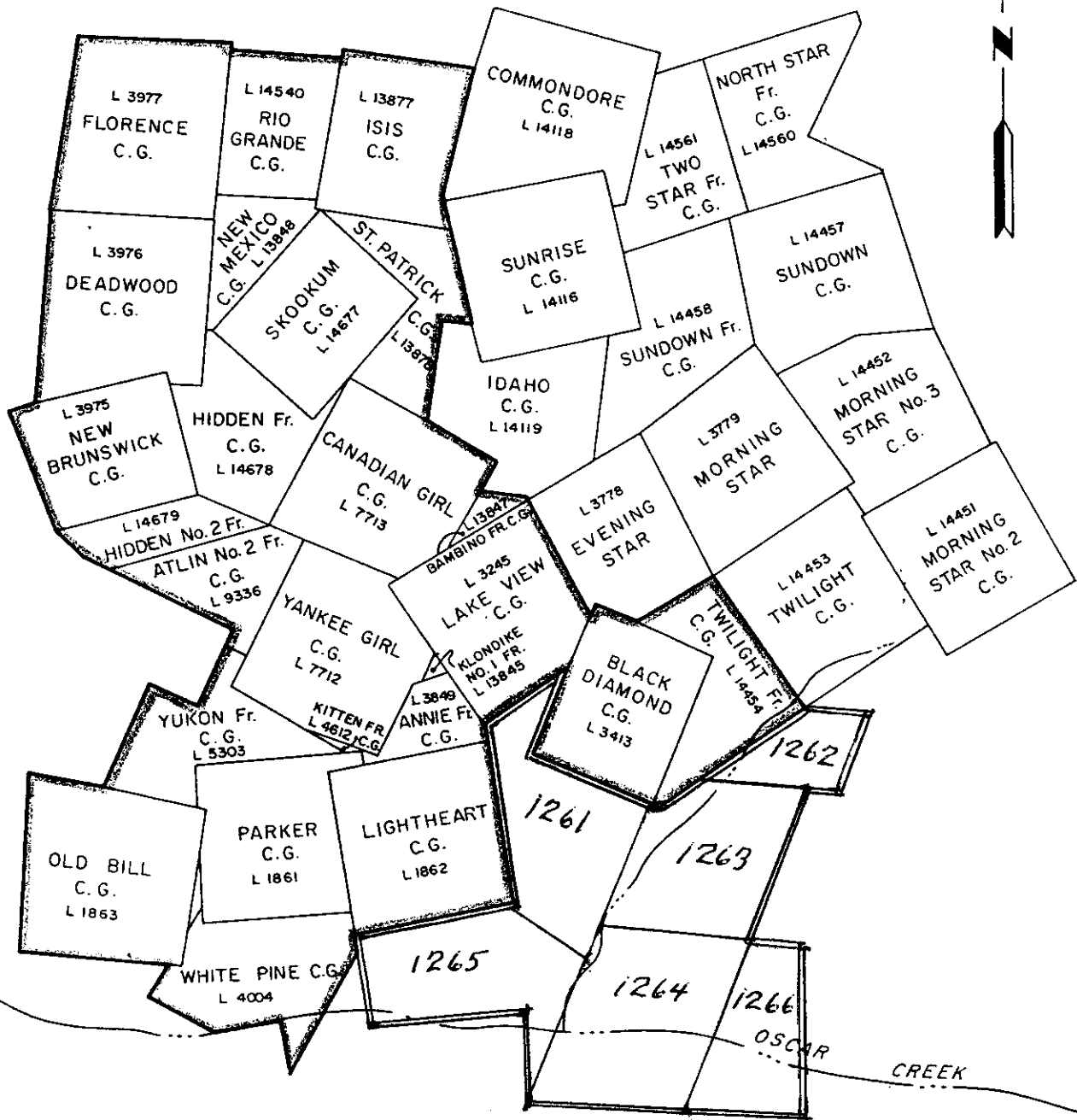
Samples submitted: June 10, 1980
Results completed: August 1, 1980
PROJECT: PCMI (B.C.)

I hereby certify that the following are the results of assays made by us upon the herein described pulp samples.

MARKED	GOLD		SILVER		Pb						
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton	Percent	Percent	Percent	Percent	Percent	Percent	
MK80 57 58 ↑ Two STAR DUMP	-		4.46		5.68						
	0.29		-		-						

NOTE
Rejects retained three weeks
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia



DENNY GROUP ==
 YANKEE DUNDÉE —

BURLINGTON GOLD MINES LTD.

NELSON MINING DIVISION, BRITISH COLUMBIA
 1 inch = 1500 feet



BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction _____

Report No. 20 - 724 PROJECT: PCMI (BC)

Method _____

From Knox, Kaufman, Inc.

Fraction Used _____

Date June 6 19 80

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb
J1 0 S	34	275	1.0	10	J1 285 S	8	53	0.2	< 5
30	44	180	1.0	25	375	6	64	0.2	< 5
75	50	395	1.1	20	JW80 79	5	78	0.2	< 5
90	24	138	0.7	10	80	5	63	0.2	< 5
105	24	164	0.7	15	83	7	55	0.2	< 5
120	44	154	0.6	15					
135	25	121	0.2	10					
150	23	110	0.5	10					
165	30	168	0.2	15					
225	45	220	0.3	10					
230	37	152	0.4	15					
300	63	150	0.8	20					
315	58	156	1.2	25					
330	57	161	1.0	40					
345	64	180	0.8	65					
360	50	174	0.7	15					
390	36	124	0.8	10					
405	31	124	0.4	10					
420	31	126	0.8	10					
435	29	111	0.6	10					
JW80 81	44	225	1.2	25					
82	26	153	0.6	< 5					
84	40	365	0.6	5					
J1 15 S ROCKS	12	88	0.3	< 5					
45	20	67	0.2	< 5					
60	19	67	0.2	< 5					
180	49	92	0.2	10					
210	9	42	0.2	5					
245	6	32	0.2	< 5					
260	9	55	0.2	< 5					

not Yankee drill

not Yankee drill



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-352667

Geochemical Lab Report

Extraction _____ Report No. 20 - 847 PROJECT: PCHL (BC)
 Method _____ From Knox, Kaufman Inc.
 Fraction Used _____ Date June 20, 19 80

SAMPLE NO.	Pb ppm	Ag ppm	Au ppb		SAMPLE NO.	Pb ppm	Ag ppm	Au ppb	
130S	35	0.4	10		J3 45S	20	0.6	15	
210	46	1.2	20		60S	21	0.5	10	
J2 20S	52	0.6	30		75S	23	1.0	10	
35S	33	0.2	10		90S	19	0.6	5	
100S	50	0.5	20		105S	17	0.3	< 5	
115S	78	0.9	10		120S	20	0.6	5	
130S	48	0.7	10		135S	24	0.7	10	
145S	23	2.4	10		150S	29	0.7	10	
160S	34	0.9	15		165S	90	0.8	15	
175S	32	1.0	10		195S	26	1.1	10	
190S	88	4.4	45		225S	24	0.3	5	
205S	30	0.7	40		235S	24	0.3	5	
235S	28	0.2	15		265S	21	0.4	5	
250S	29	2.0	30		280S	20	0.3	5	
280S	35	0.2	20		300S	24	0.4	5	
295S	30	0.2	20		315S	31	0.4	10	
310S	23	0.2	10		330S	22	0.2	5	
325S	28	0.2	15		345S	19	0.2	10	
340S	30	0.2	10		360S	40	0.2	10	
355S	19	0.2	40		375S	55	0.3	5	
370S	22	0.2	10		15N	40	0.5	10	
400S	39	0.6	5		30N	56	1.0	15	
15N	32	0.4	10		45N	44	0.6	5	
30N	24	0.2	5		60N	31	0.8	10	
45N	20	0.2	5		75N	26	0.5	10	
90N	20	0.3	5		90N	20	1.5	10	
105N	19	0.5	5		105N	14	0.2	5	
225N	14	0.2	< 5		322N ROCKS	41	0.2	< 5	
J3 15S	23	0.7	20		J2 46S	14	0.2	5	
30S	24	0.7	5		70S	14	0.4	< 5	

Geochemical Lab Report

Report No. 20 - 847

Page No. 2

SAMPLE NO.	Pb ppm	Ag ppm	Au ppb		SAMPLE NO.	Pb ppm	Ag ppm	Au ppb	
J2 220S	10	0.2	5		J3 205N	6	0.2	< 5	
275S	8	0.3	5		233N	7	0.2	10	
335S	103	1.0	50		240N	6	0.2	< 5	
60N	10	0.2	5		248N	6	0.2	< 5	
68N	10	0.2	< 5		255N	6	0.2	< 5	
75N	10	0.4	< 5		265N	5	0.2	10	
82N	8	0.2	5		277N	3	0.2	5	
120N	6	0.2	5		300N	8	0.2	< 5	
150N	8	0.2	< 5		308N	5	0.2	10	
172N	13	0.2	< 5		315N	5	0.2	10	
187N	7	0.2	5		323N	6	0.2	5	
195N	7	0.2	< 5		330N	2	0.2	< 5	
210N	6	0.2	< 5		338N	6	0.2	< 5	
250N	8	0.2	< 5		345N	4	0.2	< 5	
260N	8	0.2	< 5						
270N	6	0.2	< 5						
275N	8	0.2	5						
285N	7	0.2	< 5						
292N	6	0.2	5						
300N	4	0.2	5						
330N	6	0.2	< 5						
345N	8	0.2	25						
J3 250AS	5	0.2	5						
250BS	6	0.2	< 5						
250CS	7	0.2	< 5						
290S	8	0.2	< 5						
295S	4	0.2	< 5						
120N	6	0.2	5						
150N	7	0.2	5						
153N	6	0.2	< 5						
165N	6	0.2	< 5						
170N	6	0.2	5						
177N	5	0.2	5						
133N	6	0.2	< 5						
195N	5	0.2	< 5						



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C.

PHONE: 985-0681

TELEX: 04-352667

Geochemical Lab Report

Extraction _____

Report No. 20 - 848 PROJECT: PCMI (BC)

Method _____

From Knox, Kaufman Inc.

Fraction Used _____

Date June 20, 1980

SAMPLE NO.	Pb ppm	Ag ppm	Au ppb		SAMPLE NO.	Pb ppm	Ag ppm	Au ppb	
J3 38	40	1.6	20		J4 105N	18	0.4	10	
J4 28	16	0.6	< 5		175N	20	0.8	15	
158	34	1.0	10		190N	22	0.4	< 5	
308	18	1.3	10		235N	19	0.5	10	
458	17	0.7	5		295N	14	0.4	5	
608	16	0.6	< 5		325N	13	0.6	< 5	
758	18	0.6	5		340N	18	0.7	5	
908	14	0.5	5		355N	18	0.8	15	
1058	14	0.4	10		370N	16	0.6	5	
1208	16	0.6	5		ROCKS				
1358	20	0.5	< 5		30N	16	0.3	10	
1508	21	0.7	20		98N	9	0.2	5	
1658	17	0.6	5		129N	10	0.2	5	
1808	14	0.5	5		140N	8	0.2	< 5	
1958	17	0.8	5		152N	6	0.2	< 5	
2108	17	0.7	25		165N	5	0.2	< 5	
2258	14	0.6	10		205N	6	0.2	< 5	
2408	18	0.6	10		212N	6	0.2	< 5	
2558	18	0.8	10		220N	5	0.2	< 5	
2708	18	0.7	10		250N	8	0.2	< 5	
2858	17	0.6	30		265N	7	0.2	< 5	
3008	21	1.0	10		280N	7	0.2	< 5	
3158	20	1.3	10		310N	6	0.2	< 5	
3308	19	1.5	10						
3458	20	0.8	10						
3608	24	1.6	10						
15N	14	0.5	5						
45N	18	0.3	5						
60N	13	0.2	5						
75N	14	0.2	5						



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C.

PHONE: 985-0681

TELEX: 04-352667

Geochemical Lab Report

Extraction _____

Report No. 20 - 1051 PROJECT: PCMI (YMLR) WAGNER

Method _____

From Knox, Kaufman, Inc.

Fraction Used _____

Date July 4, 19 80

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb
YGS 1	47	173	0.7	10	YGS 36	28	170	0.2	60
2	290	900	1.6	175	37	39	192	0.4	5
4	92	640	0.5	25	38	45	183	0.4	20
6	177	835	1.2	140	39	103	299	0.5	75
9	220	615	0.6	10	41	93	182	0.6	65
10	152	720	0.3	25	42	109	163	0.6	30
11	100	400	0.4	25	43	70	158	0.6	70
12	103	480	0.3	110	44	72	187	0.8	305
13	124	1050	0.9	35	45	73	165	0.7	20
14	127	3830	4.2	25	46	79	213	1.0	60
15	103	730	0.7	10	47	153	290	0.8	25
16	73	242	0.2	5	48	110	318	0.8	60
17	158	371	0.4	50	50	153	294	0.7	55
19	154	359	0.3	20	51	77	261	1.3	15
20	103	302	0.3	15	52	176	299	0.8	25
21	69	179	0.2	15	53	57	360	0.5	15
22	117	112	0.2	10	54	33	212	0.7	5
23	39	231	0.2	15	55	40	185	0.7	5
24	67	173	0.3	35	56	22	129	0.5	5
25	69	169	0.3	10	57	169	640	0.3	20
26	67	141	0.2	15	57A	29	188	0.4	10
27	78	169	0.3	40	58	18	108	0.7	10
28	82	175	0.3	40	58A	121	375	0.4	170
29	97	174	0.3	5	YGR 1 ROCKS	5800	665	8.8	885
30	76	215	0.2	< 5	2	6400	1425	6.6	120
31	75	211	0.2	15	3	12100	19300	19.	400
32	53	153	0.2	10	4	16200	1600	23.	640
33	60	165	0.3	40	5	14400	960	21.	3295
34	31	167	0.4	< 5	6	7500	430	9.7	350
35	43	178	0.3	< 5	7	5800	415	12.	540

NOT YANKEE
G.I.R.C.



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-352667

Geochemical Lab Report

Fraction: _____ Report No. 20 - 1330
 Method: _____ From Knox, Kaufman, Inc.
 Fraction Used: _____ Date August 28, 1980

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb
YGS 60	52	122	0.4	15	YGS 94	25	214	0.2	5
61	115	309	1.3	35	95	30	268	0.2	10
62	81	309	0.7	15	96	82	256	0.2	5
63	47	235	0.6	10	97	46	197	0.2	20
64	40	212	0.6	10	98	35	188	0.2	5
65	36	276	0.2	10	99	28	199	0.5	5
66	63	217	0.2	5	100	49	208	0.6	10
67	27	140	0.2	5	101	36	144	0.2	5
68	28	127	0.2	5	102	34	165	0.4	30
70	39	147	0.4	10	103	40	147	0.7	15
72	36	126	0.2	80	104	40	139	0.8	5
74	16	100	0.2	45	105	40	137	0.6	5
75	30	110	0.2	10	69 ROCKS	13	65	0.2	< 5
77	44	124	0.2	10	71	20	69	0.4	10
78	18	114	0.3	10	73	10	59	0.3	5
79	160	157	0.3	10	76	8	86	0.4	15
80	31	97	0.4	10					
81	111	191	0.2	15					
82	61	178	0.7	10					
83	54	237	0.3	5					
84	62	169	0.4	35					
85	85	175	0.2	40					
86	66	167	0.3	15					
87	71	141	0.4	5					
88	56	162	0.4	5					
89	54	133	0.2	15					
90	35	128	0.4	10					
91	51	142	0.2	< 5					
92	76	139	0.2	< 5					
93	42	155	0.2	< 5					



BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-352667

24092

Geochemical Lab Report

Location: _____ Report No. 20 - 1464 PROJECT: PCMI (BCYG)
 Method: _____ From: Knox, Kaufman Inc.
 Action Used: _____ Date: August 13, 1980

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	Au ppb
J1 295S	52	-	1.1	25	J1 300SC	32	56	0.6	10
305S	50	-	0.9	20	J1 ¹ / ₂ 285SA	< 2	43	0.2	5
310S	54	-	1.2	40	285SB	6	105	0.4	350
320S	56	-	1.2	70	J2 205SB	14	20	0.2	5
325S	58	-	0.9	20	J5 30SB	4	22	1.7	5
335S	52	-	1.0	20					
340S	54	-	0.6	35					
350S	48	-	0.5	15					
355S	49	-	0.5	10					
J2 185S	70	-	2.2	15					
195S	74	-	4.9	50					
200S	44	-	1.4	15					
210S	30	880	0.2	< 5					
215S	30	770	0.3	10					
220S	32	730	0.3	10					
225S	31	600	0.3	15					
230S	26	510	0.2	< 5					
350S	16	121	0.2	< 5					
360S	14	149	0.2	< 5					
J5 70S	18	-	0.5	< 5					
80S	15	-	0.5	< 5					
160N	32	-	0.5	5					
170N	26	-	0.4	5					
175N	35	-	0.8	10					
185N	50	-	0.6	30					
190N	74	-	1.2	30					
200N	82	-	1.6	30					
205N	102	-	1.6	65					
215N	42	-	0.7	15					
I1 300SB ROCKS	14	82	0.2	10					



Geochemical Lab Report

Extraction _____ Report No. 20 - 1698A PROJECT: B.C. Yankee Girl
Method _____ From Knox, Kaufman Inc.
Fraction Used _____ Date August 18, 1980

Table with columns: SAMPLE NO., Pb ppm, Zn ppm, Ag ppm, Au ppb, REMARKS. Rows include samples J-1 45N through 260N and 7N ROCKS.



BONDAR-CLEGG & COMPANY LTD.

784 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

SEMI-QUANTITATIVE ANALYSIS

No: 20 - 1987
PROJECT: PCMI (B.C.)

Sample No. MK - 79 - 210

From: Knox Kaufman Inc.

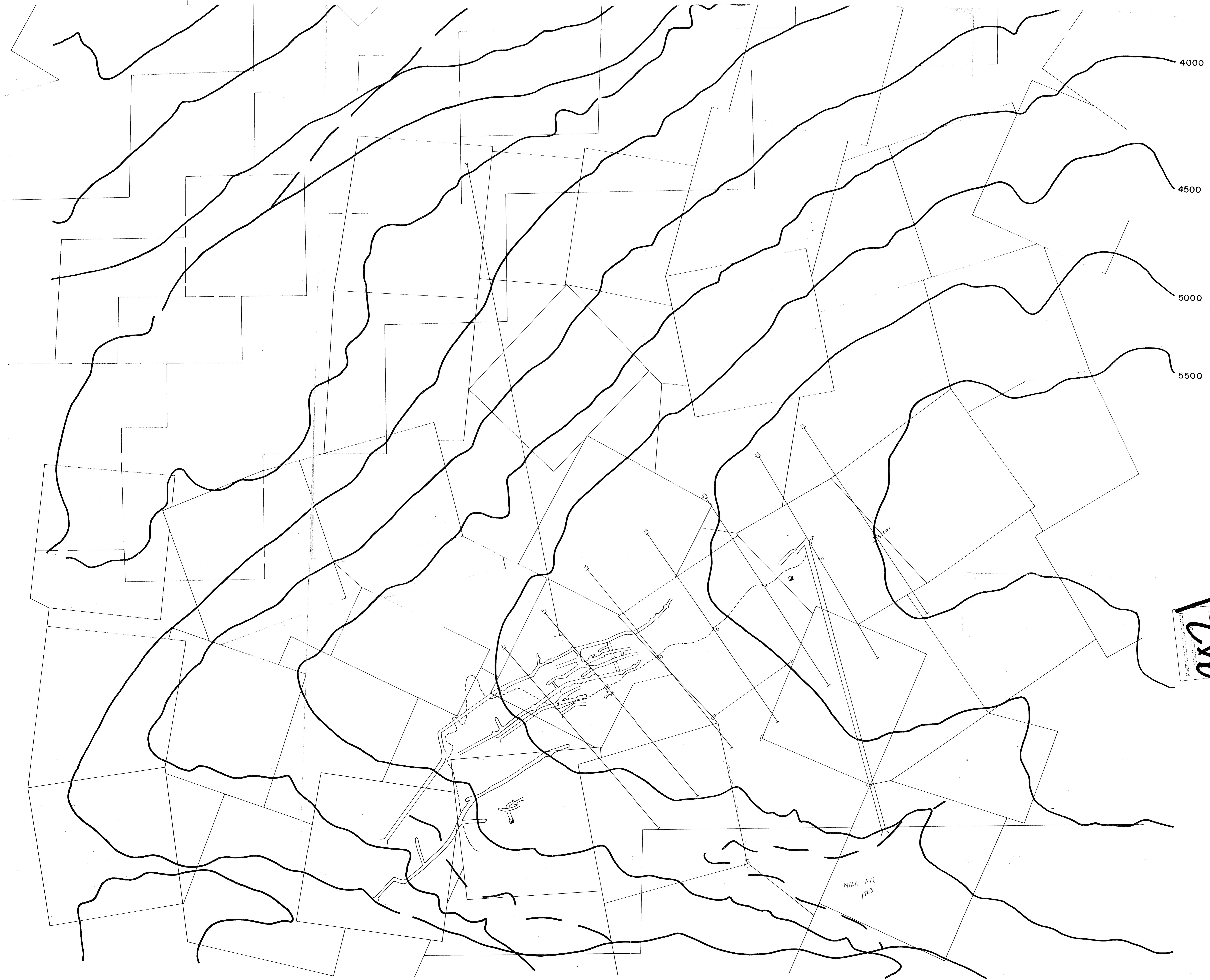
Method: _____

Date: September 22 19 80

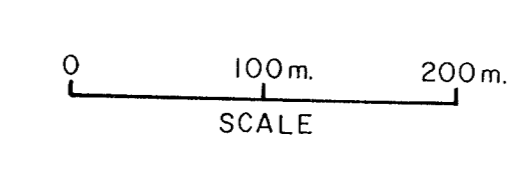
No. of Elements: _____

Analyst: _____

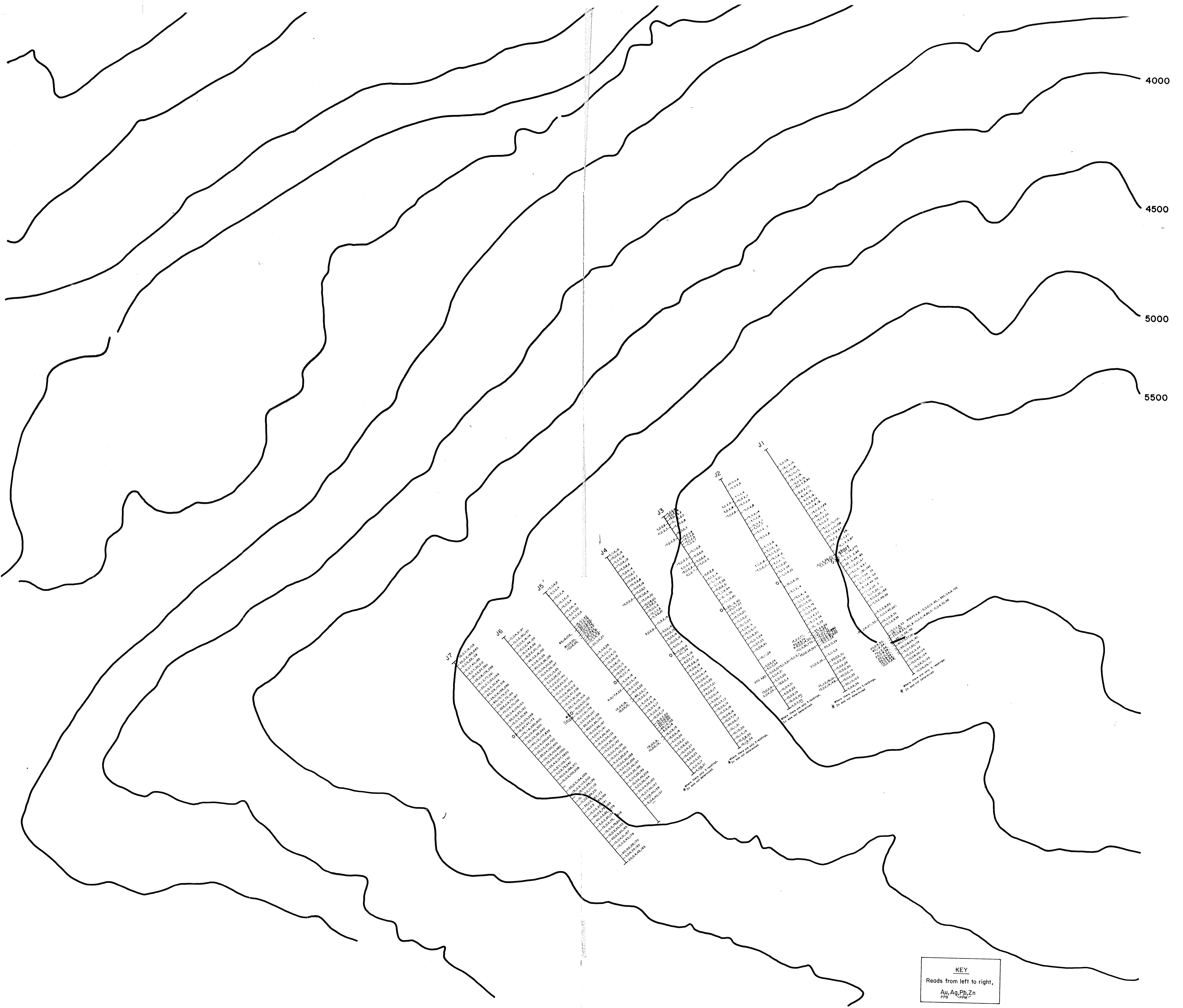
JOR ELEMENTS (%)	<.003	.003-.01	.01-.03	.03-0.1	0.1-0.3	0.3-1.0	1.0-3.0	3.0-10.0	> 10.0	REMARKS
SiO ₂									X	
Al ₂ O ₃								X		
al Fe (Fe ₂ O ₃)								X		
MgO						X				
CaO						X				
Na ₂ O					X					
K ₂ O						X				
TiO ₂						X				
ACE ELEMENTS (%)										
V			X							
Cr			X							
Mn					X					
Co	X									
Ni	X									
Cu			X							
Zn						X				
As						X				
Sr		X								
Y	X									
Zr		X								
Nb	X									
Mo	X									
Ag		X								
Sn	X									
Sb			X							
Ba			X							
La	X									
Ce	X									
W	X									
Pb						X				
Bi	X									
Th		X								
U	X									



RYAN EXPLORATION YMIR AREA BURLINGTON GOLD MINES, LTD.
YANKEE GIRL - DUNDEE PROPERTY
UNDERGROUND WORKINGS, BASE LINE I MAP



DRAFTED BY - KMB
OCT. 15, 1965



KEY
 Reads from left to right,
 Au, Ag, Pb, Zn
 PPB PPM

RYAN EXPLORATION YMIR AREA BURLINGTON GOLD MINES, LTD.
 YANKEE GIRL - DUNDEE PROPERTY
 BASE LINE I & GEOCHEM MAP
 (OVERLAY)

0 100m 200m
 SCALE

DRAFTED BY: K.M.B.
 OCT. 10, 1980