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7/85

A PRELIMINARY GEOCHEMICAL SURVEY

ON THE

BOO AND GOBI CLAIMS

KID CREEK AREA, BRITISH COLUMBIA

NELSON MINING DIVISION

N.T.S. 82F/1W and 82F/1E

LATITUDE $49^{\circ} 11'30''N$ LONGITUDE $116^{\circ} 15'00''W$

OWNER: PALACE RESOURCES INC.

AUTHOR: ROBERT SIMPSON

DATE AUGUST 6, 1984

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,856

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INTRODUCTION

Location and Access

The Boo Group, consisting of 3 claims staked by the two-post method, are situated between Peterson and Found Creeks, and to the northwest of Kid Creek in the Nelson Mining Division of British Columbia - N.T.S. 82F1/W and 82F1/E. The approximate geographic center of the claims is Latitude $49^{\circ} 11'30''N$ and Longitude $116^{\circ} 15'00''W$. The Gobi claim of 16 units overlies the Boo claims.

Access to the claims is by way of Highway #3 east from Kitchener (Figure 1) for about 5 km, then northeast up Kid Creek Valley on a graded gravel road for 6 km, and then up some old logging roads which pass through the property (Figure 2).

Topography

The ground rises fairly steeply from Kid Creek in a northwesterly direction, the elevation of the lowest point of the Boo claims being about 400 feet. The claims are heavily covered with second growth cedar, pine and fir with some debris left from earlier logging operations. Overburden cover is fairly complete but not excessively thick.



LOCATION MAP
 BOO & GOBI CLAIMS
 KID CREEK AREA
 NELSON MINING DIVISION
 49° 11' 30", 116° 15' 00"

FIGURE 1

Claim Status

The property consists of four two-post claims, the Boo #1 to #3 inclusive and the Gobi.

NAME	RECORD #	UNITS	EXPIRY
Boo #1	768	1	August 18
Boo #2	769	1	August 18
Boo #3	1861	1	August 15
Gobi	3406	16	August 04

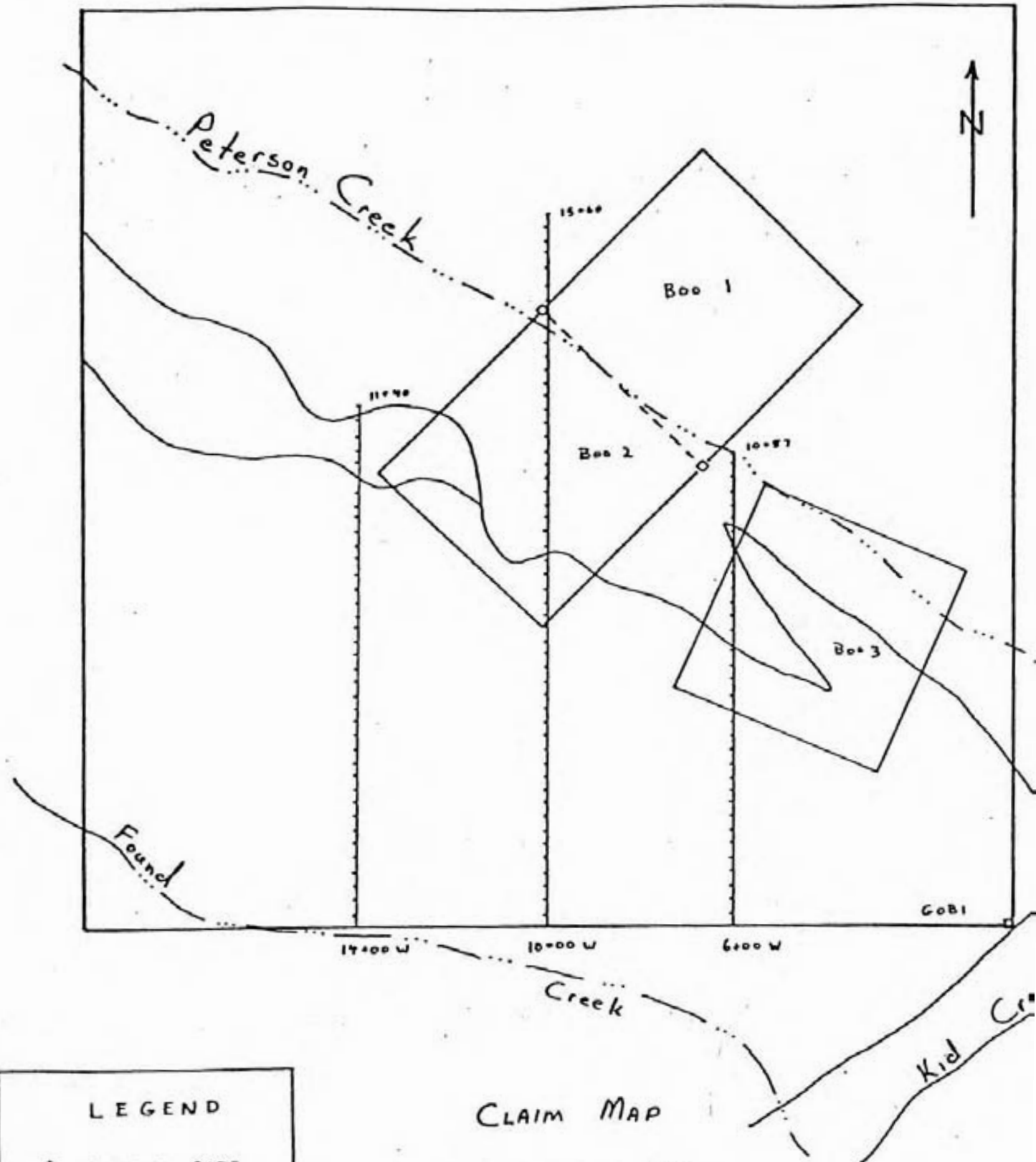
General Geology

The claims are underlain by the Middle Aldridge Formation of Precambrian age, which is part of the Purcell Supergroup. This consists of a thick assemblage of weakly metamorphosed clastic sediments dominated by fine-grained quartzites and siliceous argillites. The bedding ranges in thickness from less than one inch to over ten feet, with a strike to the northwest and a dip of about 55° northeast.

PREVIOUS WORK

The property has been worked intermittently from 1967 to the present.

Cominco carried out soil sampling and geological mapping (Freund and Richardson, 1967) and uncovered two anomalous lead - zinc zones spaced 500 m apart. Limited cat trenching opened an 8 foot belt of low grade lead - zinc mineralization.



LEGEND	
○	SAMPLE SITE
.....	CREEK
—	CLAIM BOUNDARY
□	CLAIM POST

CLAIM MAP

GEOCHEMICAL GRID
 ON BOO 1, BOO 2, BOO 3
 AND THE GOBI GROUP
 SAMPLE SPACING 30 m.

82F/1E + 1W
 SCALE
 1:12,500

FIGURE 2

In 1968, Mercury Exploration Ltd. conducted further geochemical soil sampling and performed gravity and magnetometer surveys (Gilford, 1968). It was concluded that the gravity survey yielded significant anomalous results.

Lead, zinc and cadmium anomalies were associated with soil samples collected by McDonald (1978). These samples were also analysed for copper and silver, the results of which were low.

Further work was recommended by Elwell in 1984, in order to outline massive or disseminated bodies of lead - zinc mineralization.

The present survey was conducted in order to evaluate the potential of the property to host gold related mineralization.

FIELD WORK - 1984

A geochemical survey was carried out over the Boo and Gobi claims between August 1 - 5th, 1984. Three and one-half kilometers of line were surveyed and soil sampled at 30 meter intervals over the properties. The three lines were spaced at 400 meter intervals and run from the southern claim boundary of the Gobi claims in a north-south direction (Figure 1). The lines were surveyed by using a Brunton Compass and a metric topofil. Stations were marked with orange and pink flagging at 30 meter intervals. The line was flagged with orange flagging between stations.

GEOCHEMISTRY

All soil samples were dried at 50° C for a period of 12 to 24 hours. The dried samples were then sieved to -80 mesh fraction. A 5 to 10 gram portion of these samples were analysed for gold by solvent extraction using HNO₃ and HCl concentrates and then finished by AAS.

The horizon, color and depth at which each soil sample was collected are listed in table 1. Sample locations and the geochemical results are shown on figure 3 and listed in appendix 4.

RESULTS

No geochemically anomalous values for gold were detected in any of the soil samples analysed. Previous work however, suggests that future exploration should be concentrated in areas of known lead - zinc occurrences and their associated geochemical and geophysical anomalies.

Respectfully submitted,

Robert Simpson

TABLE I

SAMPLE LIST

LINE 6+00W (0+00N To 10+50N)

Line	Depth	Horizon	Color
0+00N	.2	(A/B)	Br.
0+30N	.2		Br.
0+60N	.2		Y Br.
0+90N	.2		Y Br.
0+120N	.3		Y Br.
0+150N	.2		Y Br.
0+180N	.2		Or Br.
0+210N	.3		Or Br.
0+240N	.2		Or Br.
0+270N	.2		Or Br.
0+300N	.2		Or Br.
0+330N	.2		Or Br.
0+360N	.15		Or Br.
0+390N	.2		Or Br.
0+420N	.2		Or Br.
0+450N	.2		Or Br.
0+480N	.2		Or Br.
0+510N	.3		Y Br.
0+540N	.2	(A/B)	Br Scree
0+570N	.25		Or Br.
0+600N	.25		Or Br.
0+630N	.2		Or Br.
0+660N	.3		Br.
0+690N	.2		Or Br.
0+720N	.2		Br.
0+750N	.25		Br.
0+780N	.25		Br.
0+810N	.3		Br.
0+840N	.3		Or Br.
0+870N	.3		Br.
0+900N	.3		Br.
0+930N	.2		Br.
0+960N	.3		Br.
0+990N	.3		Or Br.
0+1020N	.2		Or Br.
0+1050N	.4		Br.

All samples taken were B Horizon; exceptions are indicated on bags when required.

All sample depth are in meters.

The soil was extremely dry; even at depths of .3 m or more no moisture was present.

- soil color was difficult (or almost impossible) to determine.

L10+00W

Line	Depth	Color	Horizon
0+ 0N	.1	Br.	
0+30N	.3	Or Br.	
0+60N	.2	Br.	
0+90N	.2	Y Br.	
0+120N	.2	Br.	
0+150N	.15	Br.	
0+180N	.15	Or Br.	
0+210N	.3	Or Br.	
0+240N	.3	Or Br.	
0+270N	.2	Or Br.	
0+300N	.2	Or Br.	
0+330N		Br.	Surface (A-Humas)
0+360N	.3	Y Br.	
0+390N	.2	Gr. Br.	(A/B)
0+420N	.2	Y Br.	
0+450N	.2	Or Br.	
0+480N	.25	Or Br.	
0+510N	.1	Or Br.	
0+540N	.1	Or Br.	
0+570N	.15	Y Br.	
0+600N	.2	Or Br.	
0+630N	.25	Or Br.	
0+660N	.2	Or Br.	
0+690N	.2	Or Br.	
0+720N	.15	Or Br.	B,A & C
0+750N	.2	Or Br.	
0+780N	.15	Or Br.	
0+810N	.2	Or Br.	
0+840N	.2	Or Br.	
0+870N	.2	Or Br.	
0+900N	.1	Or Br.	
0+930N	.2	Y Br.	Extensive Rock
0+960N	.2	Br	Old Logging Road
0+990N	.2	Or Br.	
0+1020N	.2	Or Br.	
0+1050N	.15	G. Br.	A/B
0+1080N	.2	Br.	A/B
0+1110N	.2	Or Br.	
0+1140N	.2	Or Br.	
0+1170N	.25	Or Br.	
0+1200N	.1	Or Br.	
0+1230N	.2	Or Br.	
0+1260N	.3	Br.	
0+1290N	.3	Br.	
0+1320N	.2	Or Br.	
0+1350N	.2	Or Br.	
0+1380N	.4	Br.	
0+1410N	.2	Br.	
0+1440N	.2	Br.	
0+1470N	.2	Y Br.	

O+1500N	.25	Br.	
O+1530N	.3	Y Br.	
O+1560N	.2	Br	Assumed to be B

In nearly all cases B horizon was taken

- Exceptions indicated on bag.

Line 14+00W

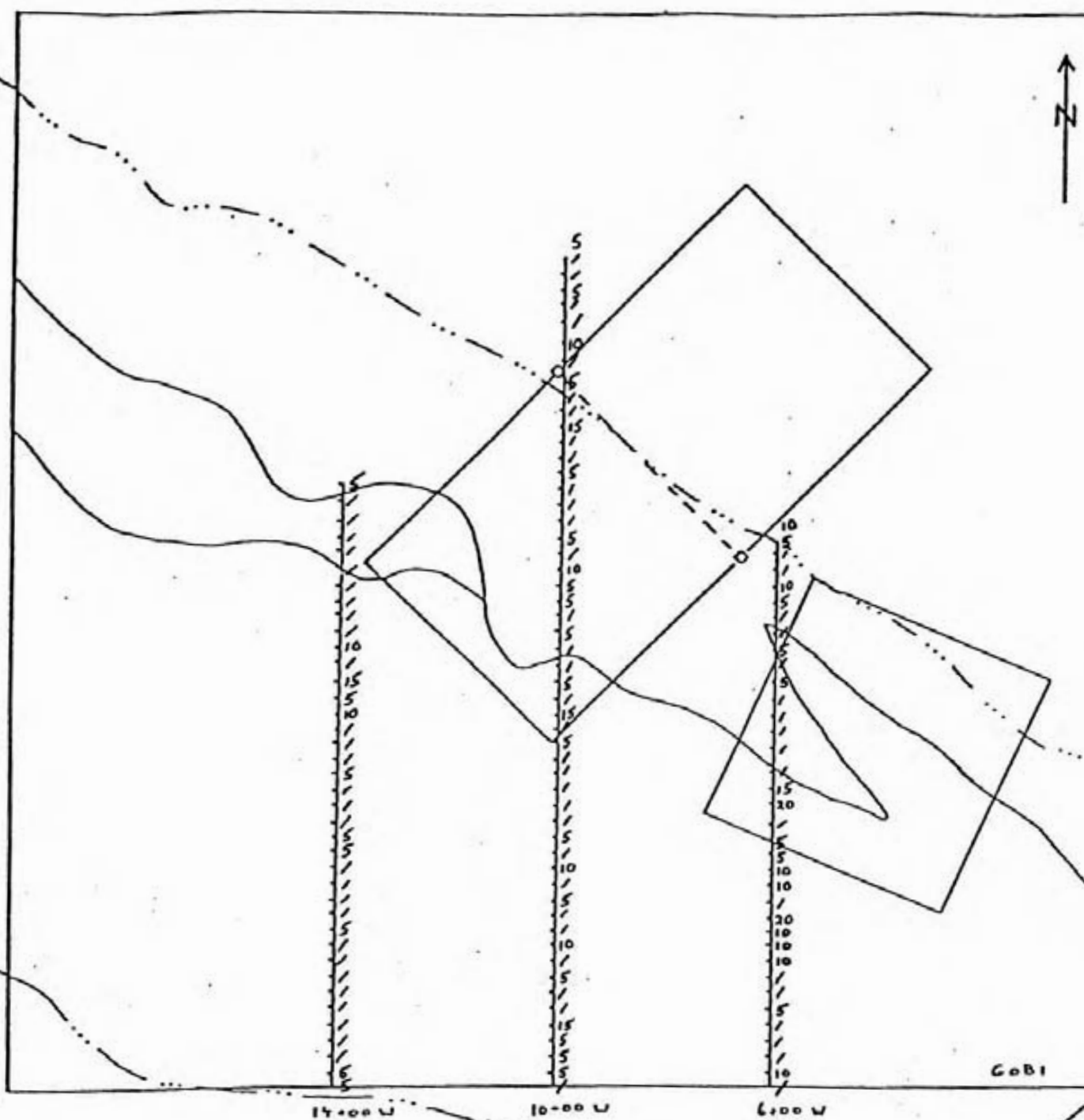
Line	Color	Depth	Horizon
1+ 0N	Br.	.2	
1+30N	Br.	.2	
1+60N	Br.	.2	
1+90N	Or Br.	.2	
1+120N	Br.	.25	
1+150N	G.Br.	.2	Horizon uncertain, very dry soil
1+180N	Br.	.2	A/B scree slope
1+210N	Or Br.	.2	
1+240N	Or Br.	.2	
1+270N	Y Br.	.2	
1+300N	Or Br.	.2	
1+330N	Y. Br.	.2	
1+360N	Or Br.	.2	
1+390N	Or Br.	.2	
1+420N	Y Br.	.15	
1+450N	Or Br.	.3	
1+480N	Or Br.	.17	
1+510N	Y Br.	.15	
1+540N	G Br.	.15	Probably Poor B
1+570N	Br	.2	
1+600N	Br	.2	
1+630N	Br	.2	
1+660N	Y Br.	.2	
1+690N	Y Br.	.4	
1+720N	Or Br.	.2	
1+750N	Or Br.	.2	
1+780N	Or Br.	.3	
1+810N	Or Br.	.3	
1+840N	Br	.2	
1+870N	Or Br.	.2	
1+900N	Or Br.	.2	
1+930N	Or Br.	.2	
1+960N	Or Br.	.2	
1+990N	Or Br.	.2	
1+1020N	Or Br.	.3	
1+1050N	Or Br.	.3	
1+1080N	Or Br.	.3	
1+1110N	Or Br.	.2	
1+1140N	Or Br.	.2	

All soils are B except as marked

Note:

Y Yellow
 Br Brown
 Or Orange
 G Grey

A- A Horizon
 B- B Horizon
 C- C Horizon



LEGEND

- † SAMPLE SITE
- CREEK
- CLAIM BOUNDARY
- CLAIM POST

GEOCHEMISTRY

GEOCHEMICAL GRID
 ON BOO 1, BOO 2, BOO 3
 AND THE GOBI GROUP

SAMPLE SPACING 30 m.
 / = none detected

82F/1E+1W
 SCALE
 1:12,500
 FIGURE 3

REFERENCES

- Elwell, J.P., 1984, Preliminary report on the Boo and Gobi Claims, Kid Creek Area, Nelson Mining Division, B.C., Prospectus for Palace Resources Inc.
- Freund, H.H. and Richardson, J.L., 1967, B.C.D.M. Assessment Report #1069, July 1967.
- Gilford, R.G., 1968, B.C.D.M. Assessment Report #1625, September 1968.
- McDonald, J.G., 1978, B.C.D.M. Assessment Report #7481, September, 1978.

APPENDIX I

STATEMENT OF EXPENDITURES

Geologist	\$150/day x 5 days	\$ 750.00
Assistant	\$ 90/day x 5 days	450.00
Room and Board	\$ 50/man x 2 x 5	500.00
Vehicle	\$ 50/day x 5	250.00
Fuel		100.00
Field Equip.	(Flagging, sample bags, string, etc.)	75.00
Geochemistry		680.00
Report		<u>575.00</u>
TOTAL		\$ 3,380.00

APPENDIX II

STATEMENT OF QUALIFICATIONS

I, Robert Simpson, certify that:

1. That I am a graduate of the University of Ottawa, with a Bachelor of Science Degree, Honours in Geology.
2. That I have been working in my profession for the past five years in Canada, the United States and Australia.

ROBERT SIMPSON

APPENDIX III
GEOCHEMICAL RESULTS



VANGEOCHEM LAB LIMITED

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(604) 251-5656

REPORT NUMBER: 85-073-001

JOB NUMBER: 85007

RAM EXPLORATION LTD.

PAGE 1 OF 4

SAMPLE #	Au ppb
6+00W 0N	nd
6+00W 0+30N	10
6+00W 0+60N	nd
6+00W 0+90N	nd
6+00W 1+20N	nd
6+00W 1+50N	5
6+00W 1+80N	nd
6+00W 2+10N	nd
6+00W 2+40N	10
6+00W 2+70N	10
6+00W 3+00N	10
6+00W 3+30N	20
6+00W 3+60N	nd
6+00W 3+90N	10
6+00W 4+20N	10
6+00W 4+50N	5
6+00W 4+80N	5
6+00W 5+10N	nd
6+00W 5+40N	20
6+00W 5+70N	15
6+00W 6+00N	nd
6+00W 6+30N	nd
6+00W 6+60N	nd
6+00W 6+90N	nd
6+00W 7+20N	nd
6+00W 7+50N	5
6+00W 7+80N	nd
6+00W 8+10N	5
6+00W 8+40N	nd
6+00W 8+70N	nd
6+00W 9+00N	5
6+00W 9+30N	10
6+00W 9+60N	nd
6+00W 9+90N	nd
6+00W 10+20N	5
6+00W 10+50N	10
10+00W 0N	nd
10+00W 0+30N	5
10+00W 0+60N	5

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



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PAGE 2 OF 4

SAMPLE #	Au
	ppb
10+00W 0+90N	5
10+00W 1+20N	15
10+00W 1+50N	nd
10+00W 1+80N	nd
10+00W 2+10N	5
10+00W 2+40N	nd
10+00W 2+70N	10
10+00W 3+00N	nd
10+00W 3+30N	nd
10+00W 3+60N	5
10+00W 3+90N	nd
10+00W 4+20N	10
10+00W 4+50N	nd
10+00W 4+80N	5
10+00W 5+10N	nd
10+00W 5+40N	nd
10+00W 5+70N	nd
10+00W 6+00N	nd
10+00W 6+30N	nd
10+00W 6+60N	5
10+00W 6+90N	nd
10+00W 7+20N	15
10+00W 7+50N	nd
10+00W 7+80N	5
10+00W 8+10N	nd
10+00W 8+40N	nd
10+00W 8+70N	5
10+00W 9+00N	nd
10+00W 9+30N	5
10+00W 9+60N	5
10+00W 9+90N	10
10+00W 10+20N	nd
10+00W 10+50N	5
10+00W 10+80N	nd
10+00W 11+10N	nd
10+00W 11+40N	nd
10+00W 11+70N	5
10+00W 12+00N	nd
10+00W 12+30N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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PAGE 3 OF 4

SAMPLE #	Au
10+00 12+60N	15
10+00 12+90N	nd
10+00 13+20N	nd
10+00 13+50N	5
10+00 13+80N	nd
10+00 13+88N	10
10+00 14+10N	nd
10+00 14+40N	nd
10+00 14+70N	5
10+00 15+00N	nd
10+00 15+30N	nd
10+00 15+60N	5
14+00 0N	5
14+00 0+30N	5
14+00 0+60N	nd
14+00 0+90N	nd
14+00 1+20N	nd
14+00 1+50N	nd
14+00 1+80N	nd
14+00 2+10N	nd
14+00 2+40N	nd
14+00 2+70N	nd
14+00 3+00N	5
14+00 3+30N	nd
14+00 3+60N	nd
14+00 3+90N	nd
14+00 4+20N	nd
14+00 4+50N	5
14+00 4+80N	5
14+00 5+10N	nd
14+00 5+40N	nd
14+00 5+70N	nd
14+00 6+00N	5
14+00 6+30N	nd
14+00 6+60N	nd
14+00 6+90N	nd
14+00 7+20N	10
14+00 7+50N	5
14+00 7+80N	15

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



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PAGE 4 OF 4

SAMPLE #	Au
	pob
14+00W 8+10N	nd
14+00W 8+40N	10
14+00W 8+70N	nd
14+00W 9+00N	nd
14+00W 9+30N	nd
14+00W 9+60N	nd
14+00W 9+90N	nd
14+00W 10+20N	nd
14+00W 10+50N	nd
14+00W 10+80N	nd
14+00W 11+10N	nd
14+00W 11+40N	5

DETECTION LIMIT
nd = none detected

5
— = not analysed

is = insufficient sample