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RAPITAN RESOURCES INC

B.J. PRICE, M.Sc. CONSULTING GEOLOGIST

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PROSPECTING REPORT

WOOLYBOOGER AND DUKE CLAIMS RECORD NO.s 1168(3) and 1409(2) NEW WESTMINSTER M.D. MAPSHEET 92H5W 49°26' N. Lat. 121°51' W. Long.

by:

Barry Price, M.Sc., F.G.A.C.

for:

B.J. Price, D.A. Price 2121 W. 5th Ave. Vancouver, B.C.

June 25, 1982



INTRODUCTION:

Prospecting and physical work were done on the Woolybooger and Duke mineral claims (record numbers 1168(3) and 1409(2)) respectively. Prospecting was done on the Woolybooger claim by the writer on March 6 and 7, 1981 and March 26, 1982 and physical work and prospecting were done by the writer and D. Price on the Duke claim on March 27, 1982. Three trenches were drilled and blasted. This report describes results from the prospecting.

LOCATION:

The claims are situated west of 10 Mile Bay on Harrison Lake, which is reached by a 16 km gravel road from Harrison Mills. The property can be reached in $2\frac{1}{2}$ hours driving time from Vancouver. Several roads afford good access to all parts of the Woolybooger claim.

CLAIMS:

Claim data are as follows:

	<u>Rec.No</u> .	Re	<u>c.Date</u>	<u>Unit</u>	s	<u>(</u>	<u>)wner</u>
Duke	1409(2)	Feb	9/82	9		D.	$Price^*$
Woolybooger	1168(3)	Mar	31/81	6		в.	\mathtt{Price}^{*}
*Owned	by Lornex Minin	g Co:	rporation	as of	June	198	32

by Bill of Sale.

GENERAL GEOLOGICAL SUMMARY:

The Woolybooger claim was staked March 6, 1981 to protect the area southof the Bigfoot claim, in the event that mineralized horizons were to trend on to the ground.



Stringer mineralization is present in an elongate zone trending northwesterly along the southwest side of Simms Creek, on the Bigfoot claim (now restaked as the Duke claim). The mineralization is thought to represent the "stringer" source of massive sulphide mineralization of the "Kuroco" type such as is found at the Seneca deposit 12 km southwest of the Woolybooger claim.

Volcanic and volcaniclastic rocks of the Harrison Lake formation of Jurassic age (Hazelton Group equivalent) have numerous showings in the Weaver Lake and Simms Creek areas. Characteristically in "Kuroko" terraines, more than one deposit is present, and clusters may occur about rhyolitic domes. A rhyolitic dome is known due west of the Woolybooger claim and thus the claim is regarded favorably for prospecting for massive sulphide deposits.

PROSPECTING TRAVERSES: (see figure 3)

Traverse 1:

On March 7, Traverse number 1 (map) was done. In the interval P1-P9, a distance of roughly 500 meters, red soils overlie uniform fine grey bedded tuffs which are flat lying. A piece of float of rhyolite breccia with pyrite fragments at 72 meters contained only 44 ppm copper but is weakly anomalous for silver (0.6 ppm). At 171 meters, possible chalcopyrite specks were seen in the greyish tuff but the material analyzed 29 ppm copper.

Stratigraphically and structurally below the fine grey tuff, interbedded black shaly tuffs and mudstones are exposed under the powerline and these continue to the main west Harrison



access road. Continuing down the road, minor rusty shears in rhyodacite porphyry were sampled, and 250 meters east of the main road, below the rhyodacite porphyry, greyish silicic lapilli tuffs with sheared chloritic fragments and sericitized matrix resembles the mineralized horizon on the adjacent Bigfoot claim. However no sulphides other than sparse pyrite were seen. At the end of the traverse, on the beach, green massive andesite breccia contains fragments and irregular veins of barren quartz. None of the samples taken on the traverse are anomalous for copper, lead or zinc, although several are weakly anomalous for silver (0.5-0.6 ppm).

<u>Traverse</u> 2:

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Traverse 2 extends from the intersection of traverse 1 with the main access road and continues southward to Coral Falls. Most rocks exposed along the road are fine greyish tuffs, similar to those seen on traverse 1. At 375 meters an outcrop of medium grained, green lápilli contains shaly fragments, such as are seen in the mineralized lapilli north of 10 Mile Bay. The lapilli become more silicic further south (to P16 and P17). Pyritic rhyolites were seen at Coral Falls but no base metal sulphides were seen. None of the samples P13-17 are anomalous for copper, lead, or zinc but the silt sample taken in a small creek (P14) is moderately anomalous in silver (0.9 ppm) and should be followed up.

Traverse 3:

The upper road above the powerline was briefly traversed, although no samples were taken. Bedded tuffs dipping gently southwestward are faulted against coarse green anderite breccias or agglomerates, and these in turn contact massive resistant green porphyritic rhyodacites which are also barren. The fault zone should be sampled in the future as it is accompanied by pyrite and strong clay alteration. The only favorable looking rock is a pyritic rhyolite outcrop midway along the traverse.

Traverse 4:

Traverse 4, on the Duke claim was done March 26, 1982. Rocks exposed along the powerline road from A to B are inauspicious looking rhyodacite porphyry and coarse lapilli tuff. At B, siliceous lapilli tuff which has characteristic chloritic fragments is cut by rhyodacite porphyry (dykes?) and both were cut by fine quartz veinlets barely visible in rounded mosscovered outcrops. At C, strongly altered and pyritic grey lapilli or porphyry was seen in a small outcrop surrounded by overburden. On March 27, drilling was done at point A, where blue-green cherty rhyolite was thought to outcrop. When blasted, the rock proved to be a boulder. At point B, 10 holes were drilled to 2 ft depth along the outcrop with quartz veinlets, and when blasted, this area proved to have weak to moderate copper-lead-zinc "stringer" mineralization with white barite present.

At point C, approximately 6 holes were drilled along a 2 meter section and when blasted, the trench proved to be strongly mineralized with chalcopyrite, sphalerite, galena, pyrite and white barite.

Samples were taken at the mineralized zones and were analyzed by Lornex Mining Corp. Ltd. (see attached assay sheet).

SUGGESTIONS FOR FURTHER PROSPECTING:

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Trenching should be extended on area C to delineate the extent of mineralization. The small creek at P14 which gave anomalous silver results should be followed up and mapped.

Barry Price, M.Sc., F.G.A.C.







B.J. PRICE, M.Sc. CONSULTING GEOLOGIST

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WOOLYBOOGER / DUKE CLAIMS

ITEMIZED COST STATEMENT

Consulting Fees:

Prospecting:	B. Price	Mar 7/81	\$ 200.00
		Mar 26/82	200.00
Drilling:	B. Price	Mar 27/82	200.00
Report:	B. Price	Jun 25/82	200.00
Blasting:	D. Price	Mar 27/82	250.00

<u>Rentals:</u>

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GMC Van	Mar 26,27	70.00
Atlas Copco Drill	Mar 27	50,00

Disbursements:

Meals	14.40
Gas and Oil	24.02
Explosives and caps, etc.	40.28
Vangeochem Geochem analysis (part Inv.6&79)) 91.25
Chemex Assays 2 @ \$30 (estimate)	60.00
Xeroxing/Typing (estimate)	40.00
	\$1,439.95

Note: Amount claimed \$200 representing 2 years work on 6 units of Woolybooger claim as per statement of exploration and development filed March 29, 1982.

Bany Rice

STATEMENT OF QUALIFICATIONS

I, BARRY JAMES PRICE of Vancouver, B.C. do hereby certify that,

- I am a consulting geologist residing at 2121 W. 5th Avenue, Vancouver, B.C.
- I am a graduate of the University of British Columbia, B.Sc. (Honours Geology) 1965, M.Sc. (Economic Geology 1972.
- 3. I have practiced my profession as an exploration geologist continuously since 1965.
- 4. I am a Fellow of the Geological Association of Canada.
- 5. This report is based on my personal knowledge of the district and the mapping and sampling done on the property.



APPENDIX I

GEOCHEMICAL SAMPLING TECHNIQUES

1. SOILS

Soil samples are taken, from B horizon where possible, with a steel scoop and put into gussetted kraft paper sample envelopes marked with code numbers for each sampler. Records of location and characteristics of soil are kept in note-form by each sampler. At the lab, samples are dired at low temperatures, sifted, and portions of the -80 mesh fraction used for analysis.

2. SILTS

Silt samples are taken from active stream sediments with a steel scloop and placed in kraft sample envelopes. Large samples are taken where necessary to ensure sufficient -80 mesh material is present. Samples are dried at low temperatures and sieved, with a portion of the -80 mesh fraction analyzed.

3. ROCKS

A kraft envelopeis partly filled with small chips taken from across the sampled interval, or if from float, from several random pieces. The chips are crushed and pulverized to approximately 100 mesh and homogenized and a small portion used for analysis.

ANALYSIS

Samples analyzed for copper, lead, zinc, silver and molybdenum are dissolved in nitric-perchloric mixture of acids and determined by atomic absorption analysis. Silver values are corrected for background readings.

Samples analyzed for gold are treated by fire-assay preconcentration and determined by neutron activation analysis.

Samples analyzed for arsenic are digested with perchloricnitric acid with a hydride finish and determined by atomic absorption analysis.

Samples analyzed for antimony are digested in concentrated BCl with Kl, extracted with MlBK TOPO and determined by atomic absorption with background corrections.

Samples analyzed for mercury are analyzed using the Hatt-Ott procedure and closed-cell atomic absorption determination.

SAMPLE REGORD SHEET

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SAMPLER: <u>P. PRICE</u>
CODE: P-81-1 to 17
MAPSHEET 92H 5W
PROPERTY /PROJECT CODE!
230 Woolybeager.

PROJECT WOOLY BOOLER	
ADEA: Hamson Lake.	
COMPANY: TEPRITORIAL	
DATE: March 1981	-
NO of SAMPLES: 17	

SAMPLE No.	DESCRIPTION	WIDTH OF SAMPLE	Cu	РЬ	Zn	Mo	Au	Ag	As	•
P-81-1	Bon clausail @ 00.	soil	22ppm	2000m	62.pp			0.Zpp	n .	
2	36m. angular Ht. grey tul	·Rx	24	17	49			0.2		
3	72m Flt. rhy bk w. pynte frags	Rx	44	14	65			0.6		
4	84m. Red bra soil	Soil	22	16	90			0.5		
5	171 m. Banded of sil. +F. wcp.	RX	29	_16_	90			0.6		
6	180m Brn sort	soil	23	<u> </u>	99			0.6		
7	230m Brn soil	soil	24	20	101			0.2		
8	407 m fine-med xt-filtre tuffs.	soil	zo	23	88			0.4		
9	542m	soil	27	19	90			0.2		
10	250 m E og main va. on C/L.									
	Grey shoared servicitic lopillic.	RX	18	13	39			0.5		
[]	Silica-ainte Alt. on beach	Rx	15		25			0.2		
ia	Main ra. trav. Puntic RD	R×	33		26			0.2		
	bosbywy									
13	Grow m. gr. tull. w shale lat	RX	21	13	50			.0.6		
14	470 m. Creek now W.	sof	26	20	74-			0.9		
15	500 m lod sing about an tuk.	Soil	14	20	85			0.3		
16	590m Rhy tube: Line D/	Rx	13	15	41			0.3		
17	659m Red. Soil above silic.			-						
	Lapeli tuff monor py	Soil.	24	21	77			0.5		

JMT SERVICES CORP.

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CHEMEX LABS LTD.

212 BROOKSBANK AVE NORTH VANCOUVER, B C CANADA V7J 2C1

TELEPHONE (604)984-0221 TELEX 043-52597

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ANALYTICAL CHEMISTS

• GEOCHEMISTS

REGISTERED ASSAYERS

SSOC. CERT

TO : CHRISTOPHER, PETER A. & ASSOC.

3707 WEST 34TH AVE., VANCOUVER, B.C. V6N 2K9

ANADIAN TESTING ASSOCIATION CERT• # : A8210830-001-A INVOICE # : I8210830 DATE : 21-APR-82 P•O• # : NONE PAC II - B•F•

C.C: DAVID BUDINSKI - LORNEX, VANCOUVER

Sample	Prep	Cu	Рb	Zn	Ag FA	Au FA	
<u>description</u>	code	%	%	%	oz/T	oz/t	
26934	207	0.04	0.06	0.13	0.08	0.003	
26935	207	1.44	1.31	10.10	1.26	0.076	
26936	207	0 <u>-02</u>	0-07				

26934 - 2 meter chip across mineralized zone - Trench B # 26935 - Selected chips representing 2 meters - Trench C

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	Detwarts
	Registered Assayer, Province of British Columbia

VGC	15	521 PEMBE	RTON AVE	.,	TELEPHONE: 986-5211			
	N C/	CANADA V7P 2S3		B.C.,	ARE	A CODE: 604	DDE: 604 ,	
Certificate of G	eochemi	ical An	alyses	• Special	ising in Trace	e Elements An	alyses ●	
-IN ACCOUNT WITH			- Rep	ort No: 81	-47-003	Page	1 of 1	
J.M.T. Services	Corp.		Sam	ples Arrived:	March 1	7. 1981	~ 01 -	
8827 Hudson Stre	et		Rep	ort Completed:	March 2	4, 1981		
Vancouver, B.C.	V6P 4N1		For	Project:	230 Big	foot		
Attention:	RIC	Fast	Anal	lyst:	E.T. &	VGC Staff	•	
		1001	<u>In</u>	voice: #_	6079	Job_#	81-027	
Sample Marking	Cu	Pb	Zn	Ag*	<u>т</u>		<u> </u>	
	<u> </u>	<u>ppm</u>	<u>ppm</u>	<u> </u>				
1 - 181 1 - 181	22	20	62	0.2		Sore		
OULT DOUGER 2	24	17	49	0.2		Rock	an and a summer of the summer of	
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4 5	22	10	90	0.5		Soul		
	23	10	<u> </u>			<u>Soul</u>	_	
7	24	20	101			 0		
	200	23						
9	27	19	90	0.2		Soul		
10	18	13		0.5	, ,	Rock		
11	15	11	25	0.2		Rook	-	
12	33	19	26	0.2		Rock		
2 12 A.A. 2010 - 10 10 10 10 10		્, ોાજુ	<u>. 50</u>	- <u>Odi</u> -	· · · · · · · · · · · · · · · · · · ·	RODE		
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10 71 191			41	0.3		Rock		
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MARKS:				· .				

% Mo x 1.6683 = % MoS₂

1 Troy oz./ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

nd = none detected

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.