

PROPERTY EXAMINATION REPORTON THE RAM GROUP

Kluane Range Area

Longitude: 139° 25'W

Latitude 61° 25'N

Claim Sheet - 115-G-6

By:

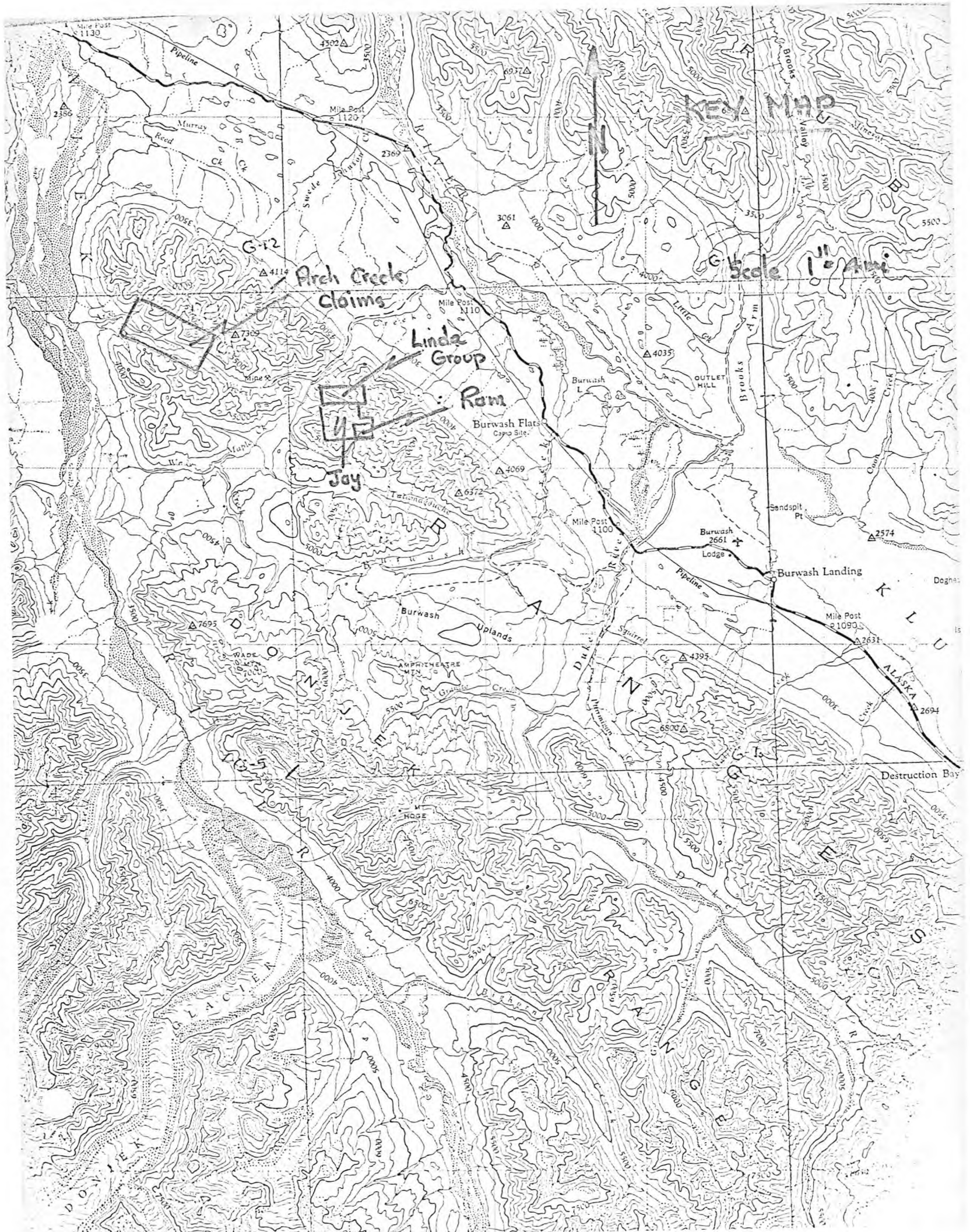
Wayne J. Roberts

ATLAS EXPLORATIONS LIMITED

September 26 - 30, 1970

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ATLAS EXPLORATIONS LIMITED

(N. P. L.)

330 MARINE BUILDING

355 BURRARD STREET

VANCOUVER 1, B.C.

PROPERTY EXAMINATION REPORT

ON THE RAM GROUP

SUMMARY

The Ram and Jay Groups contain copper mineralization of economic grade over considerable distances. Depth extensions have been tested in limited areas however no results are known. If mineralization at depth is similar to that found on surface the property is worthy of further assessment.

CONCLUSIONS AND RECOMMENDATIONS

Grades of 2.35 per cent copper over 80 feet were found in surface material highly fractured and sheared basalt. Secondary enrichment is possible. Due to very fine grained native copper in the basalt much of the Ram Basin should be tested by rock geochemistry as locally, only the sheared area with visible malachite has been tested. It appears that malachite is the primary copper mineral thus presenting a problem of depth detection unless drilling is used. It is recommended that all previous drill logs be obtained before an option be considered. If encouraging results were obtained from Newmont or Hudson Bay Mining further an examination is recommended in early 1971. This should include

should include adequate sampling and geologic mapping of the Jay showing. It is interesting to note that Imperial Oil is presently drilling the Cork group to the south for porphyry copper. It appears they have 2 drills and are drilling in the same basalt unit.

INTRODUCTION

The Ram Group was visited on September 26, 1970, the writer was accompanied by Wally Green. The Ram Group showings have been known for many years and are noted on the Kluane Lake, Geology Map published by the G.S.C. The Ram showings have been drilled by Newmont and Hudson Bay Mining however results were not obtained.

LOCATION AND ACCESS

The Ram Group, consisting of 4 claims, is located in the basin of a tributary of Quill Creek, situated at $60^{\circ} 25'N$ and $139^{\circ} 25'W$ or approximately 15 miles west of Burwash Landing.

Access can be made by helicopter from Burwash Landing or rough cat road leading off the Quill Creek road at mile 6. Little improvement to the existing tote trail would be necessary to accomodate 4-wheel drive vehicles to the property.

PROPERTY AND OWNERSHIP

The Ram Group consists of 4 claims (RAM 1-4 inclusive), the adjoining Jay Group is of 18 claims. The property is owned

by Wally Green and Associates. The Ram Group is well above timberline with rugged relief between elevations of 5000 and 6000 feet. Initial work on the Ram Property was undertaken by Hudson's Bay Mining who drilled a total of three holes in the mineralized basalt. No drilling results have been obtained. On the Jay claims, Newmont has drilled 3 holes designed to test mineralization at depth however it is rumoured that due to poor drilling conditions the holes did not reach intended depth. Trenching by Wally Green and Associates during the past two years has uncovered a large shear zone in the basalt with associated high grade copper-nickel mineralization.

GEOLOGY

The Ram claims lie within a northwest trending belt of highly sheared and steeply dipping amygdaloidal purple, dark green, and black basalt with minor interbeds of conglomerate, chert and limestone. The basalt likely of Triassic age forms the southern limb of an overturned anticline which generally dips to the south. Being a member of the Mush Lake Group it is very similar to the copper rich Nicola volcanics in south central British Columbia. In this particular region the band of basalt has widths of up to 3 miles.

ECONOMIC GEOLOGY

Mineralization in the Ram Basin predominantly consists of malachite in shears and fractures with minor visible amounts

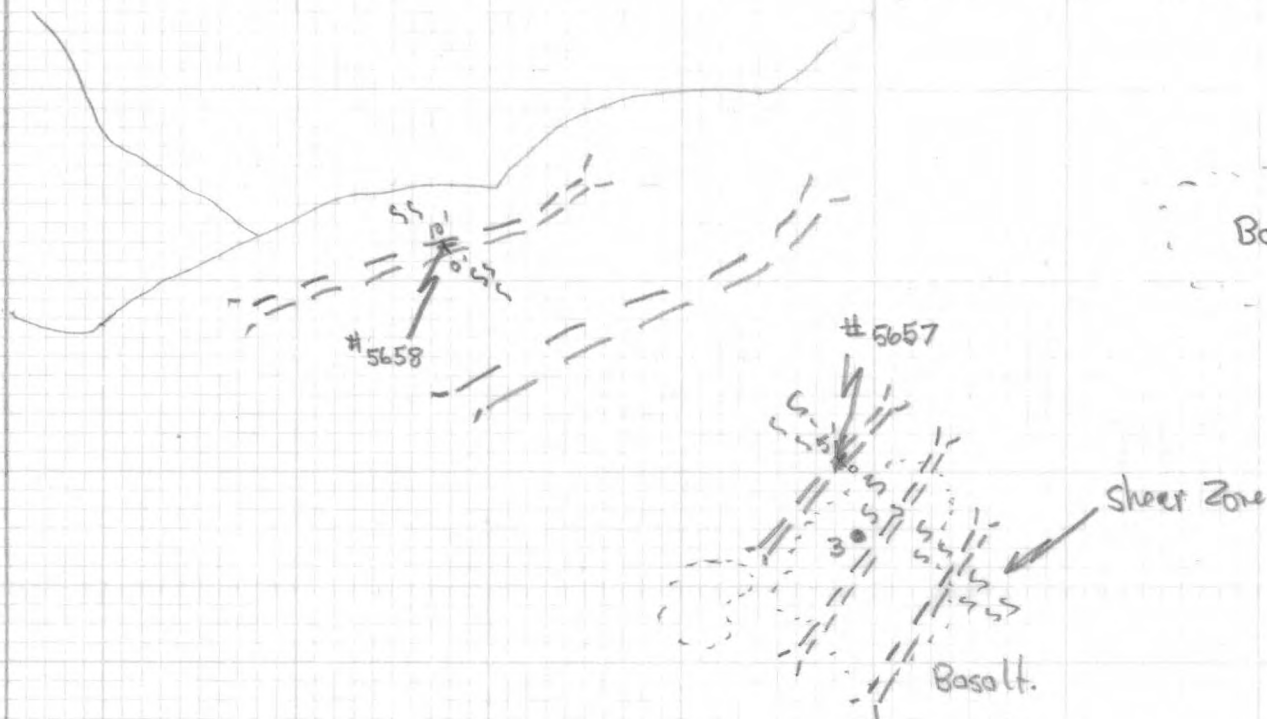
of native copper disseminated in the basalt. As can be observed on the accompanying sketch, chip samples taken over malachite rich material gave high copper assays. Due to high fracturing and porosity in the rock there is a possibility for secondary enrichment at surface. Results of the previous drilling would be necessary before any further conclusions can be made. Few shear zones contain minor amounts of chalcocite. On the Jay claims a large highly sheared outcrop of basalt roughly 200' by 400' was partially snow covered and was not sampled but was visually estimated as being over 1% copper as malachite. Newmont attempted to test depth extensions but due to bad drilling conditions the target area was reportedly not tested. Due to extremely rugged topography surface diamond drilling of the Jay showing does not seem feasible. Results of all previous diamond drilling should be known before any decisions for further work can be made.

Respectfully submitted,

Wayne J. Roberts
Geologist

September, 1970

Assay	Cu	Description
5656	2.35	Chip every 2' over 80'
5657	3.23	Chips over 5' in Trench
5658	0.46	Chips over 10' in Trench



Ram Basin Area

Amygdaloidal Basalt.

Limestone

Atlas Explorations Ltd

Ram Group

Kluane Range

WSP 1" \approx 100'

DATE Oct 6th 1970

ASSAY CERTIFICATE

FILE NO. 6461-15

WHITEHORSE ASSAY OFFICE

P.O. BOX 346, WHITEHORSE, YUKON

RECEIVED FROM

Atlas Explorations Ltd.,*Wolley Green*

SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	Copper	Nickel		<i>Mi Properties</i>
5651		<i>c-100'</i>	.07	.16	} D-c C-Group	<i>Cluare Range</i>
5652		<i>Emb</i>	.03	.01		
5653		<i>c-3'</i>	.15	.01		
5654		<i>c-10'</i>	.04	.01		
5655		<i>c-3'</i>	.70	4.83	<i>Limite Group</i>	
5656		<i>c-50'</i>	2.85		<i>Rem Ep</i>	
5657		<i>c-5'</i>	5.23			
5658		<i>c-10'</i>	.40			
5659		<i>c-100'</i>	.21	.29	} <i>Jiffy</i>	<div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>OUT</p> </div>
5660		<i>10-200'</i>	.05	.30		
5661		<i>c-3'</i>	.73	3.23		
5662		<i>c-6"</i>	2.70	3.50		
5663		<i>c-10'</i>	.15	.25		
5664		<i>c-10'</i>	.09	.37		
5665		<i>c-50'</i>	.04	.21		

ASSAYER

Geo. Spadling