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Atlas Explorations Limited

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No. 666
VANCOUVER STATIONERS

012914

DIAMOND DRILLING REPORT

ON THE

KLAZAN GROUP

Big Creek Area
Yukon Territory

Longitude: 137°30'W

Latitude : 62°23'N

Claim Sheet 115-I-6

By

WAYNE J. ROBERTS

ATLAS EXPLORATIONS LIMITED

May 1 - June 10, 1970

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Illustrations:

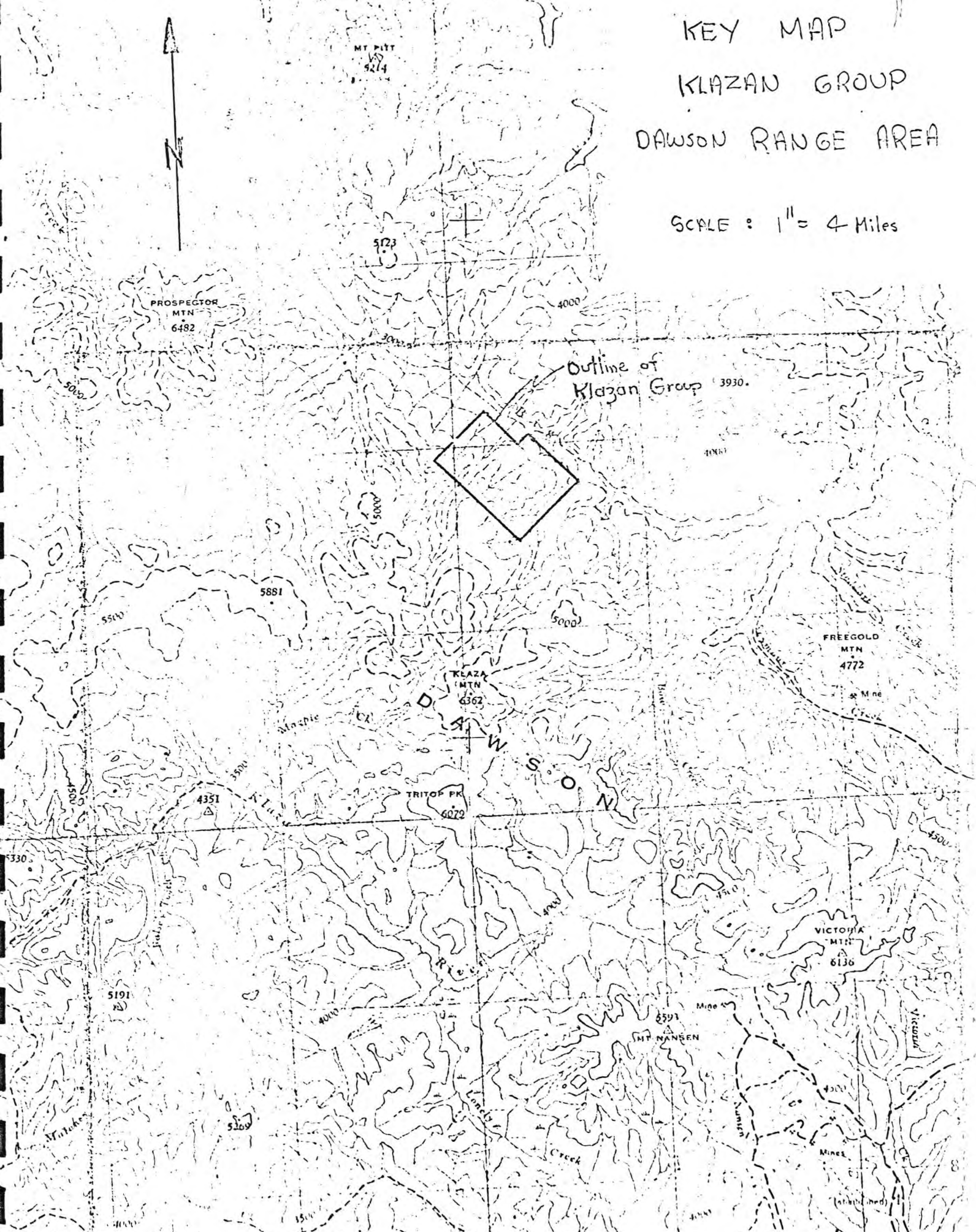
Map of Klazan Claims	(Pocket)
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Cross Section of D.D.H. KL-1	(Pocket)
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LIST OF CLAIMS

<u>CLAIM NUMBER</u>	<u>GRANT NUMBER</u>	<u>RECORDING DATE</u>
KLAZAN 2	Y8375	June 8, 1966
4	Y8377	June 8, 1966
13-16	Y8386-Y8389	June 8, 1966
17	Y8390	June 8, 1966
18-21	Y8391-Y8394	June 8, 1966
25	Y8398	June 8, 1966
38	Y8411	June 8, 1966
40	Y8413	June 8, 1966
42	Y8415	June 8, 1966
43	Y8416	June 8, 1966
44-48	Y8417-Y8421	June 8, 1966

KEY MAP
KLAZAN GROUP
DAWSON RANGE AREA

SCALE : 1" = 4 Miles



ATLAS EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

DIAMOND DRILLING REPORT
ON THE
KLAZAN GROUP
May 1 - June 10, 1970

INTRODUCTION

During the month of May, 1970, a total of 1,926 ft. of diamond drilling was undertaken by Atlas Explorations Limited, under agreement with Coranex Limited, owners of the property, on the Klazan Group of mineral claims. The group of 21 claims is located 42 miles northwest of Carmacks, Y.T., on the south side of Big Creek. The claims are located in the western part of claim sheet 115-I-6.

DIAMOND DRILLING

Diamond drilling began on the evening of May 2, 1970, on drill hole KL-1. It is located at L4E, 8+50N on the established grid. The drill hole was drilled to a depth of 801 ft. with an angle of -55° and Azimuth 200° . It was located in the area of the best geochemical results obtained from previous surveys by Coranex and an area of visible mineralization. Overburden

was 70 ft. deep and core drilling was achieved to a depth of 801 ft.

The resulting core was geologically logged using four separate categories, including rock type, alteration, fracturing and mineralization. The core from KL-1 was split and placed in plastic sample bags in 5 ft. intervals and sent to Loring Laboratories in Calgary, Alberta, for assaying, including copper, molybdenum disulphide, gold and silver. The assays are encouraging but not of economic grade. The hole was completed on May 11, 1970.

Diamond drill hole KL-2 located at L4E, 11+50N, was drilled at an angle of -55° in a direction of 80° Azimuth. This drill hole was planned to establish a contact relationship between the rhyolite porphyry and quartz monzonite in an area of phyllitic alteration. Due to artesian water at high pressures, the hole was abandoned at 324 ft. due to water action washing the sides of the hole producing cave. The core was geologically logged and split, placed in plastic sample bags in 10 ft. sections and sent to Vancouver Geochemical Labs for rock geochem analysis. The rock type was similar throughout with little or no evidence of mineralization. The drill hole was abandoned on May 21, 1970.

Diamond drill hole KL-3 was located at set up D at 4+20W, 3+00S on the grid. Three targets were being assessed with one hole; a geochemical anomaly at station 38+00 on Trench Number 1, a gossan and anomalous stock and a stockwork located on the higher branch of Trench Number 1 situated between stations 18+00 and 23+00. It was impossible to test all three situations with one hole. In communication with Dr. A. E. Aho, it was thought that there was a northwest-southeast structure present and a drill hole in the direction of the geochemical anomaly and gossan may prove more interesting. Also it appeared in outcrop that the quartz stock work was sitting on top of the feldspar porphyry and a drill hole would pass much underneath it. Drill hole KL-3 was drilled at -55° and an Azimuth of 350° . It was geologically logged and split. As with drill hole KL-2, the core was sent to Vancouver Geochemical Labs for rock geochem analysis in 10 ft. sections, due to lack of visible mineralization. Geologically, KL-3 was in unit 4 throughout. Drill Hole KL-3 began on May 24 and terminated at 801 feet on May 30, 1970.

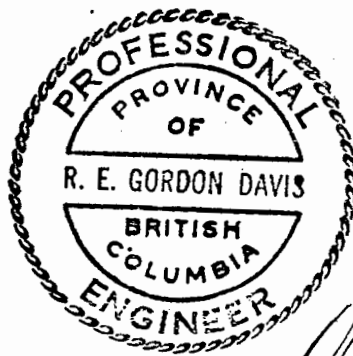
The drill logs are included at the end of this report in Appendix I, II, III.

All core is stored in a covered core rack located at the
camp site in Burgis Creek.

Respectfully submitted,

Wayne J. Roberts,
Geologist

September, 1970.



A handwritten signature in cursive script, appearing to read "Wayne J. Roberts", positioned to the right of the professional seal.

SUMMARY OF COSTS OF KLAZAN DRILLING

Wages	\$1,104.01	\$	
(Plus Non-Wage Labour Cost =12%)			1,236.49
Helicopter Support			1,095.97
Fixed-Wing			3,898.58
Assay			946.10
Drill Contract Charges			26,883.56
Supplies			4,083.40
Camp Support			1,590.00
Expediting (20% x \$1,236.49)			<u>247.30</u>
		\$	39,981.40
Head Office Administration - 10%		\$	<u>3,998.14</u>
		\$	<u>43,979.54</u>
	TOTAL		

Supporting Vouchers are given in Appendix V