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INTERIM PROGRESS REPORT TO MAY 10, 1970

VICTOR PROJECT

KLAZAN GROUP

By:

John S. Bröck

Atlas Explorations Limited

May 13, 1970

# ATLAS EXPLORATIONS LIMITED

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

## INTERIM PROGRESS REPORT TO MAY 10, 1970 VICTOR PROJECT - KLAZAN GROUP

By:

John S. Brock

### INTRODUCTION

The Klazan Property was visited by J.S. Brock during the period May 7th and 8th in order to check recent progress to date, and to discuss the program's course for the next few weeks with Wayne Roberts, the project geologist.

### SUMMARY

Hole KL-1 is to be drilled to a depth of approximately 800 feet; throughout its length it intersected units of feldspar porphyry and quartz monzonite with well disseminated pyrite and minor molybdenum. Hole KL-2 will drill an area of altered feldspar porphyry. Linecutting has been completed and rock chip sampling of the trenches is underway. A magnetometer survey and soil sampling surveys should be completed by month end.

TABLE 1KLAZAN DRILLINGDDH KL-1Preliminary Log

0' - 75'	overburden, visible MoS <sub>2</sub> in 1 sludge sample material consists of rhyolite porphyry
75' - 87'	light tan brown highly oxidized and altered rhyolite porphyry, highly brecciated and leached; no visible indication of MoS <sub>2</sub> , sericitized
87' - 107'	dark-med grey feld porph. highly siliceous quartz veins. Epidote-sericite alteration visible MoS <sub>2</sub>
107' - 123'	highly altered, feldspar more predominant more altered sericite, epidotized pyrite 2-4% visible MoS <sub>2</sub>
123' - 134'	dense fracturing, pyrite - epidote predominant feldspar poorer - less sericite, silicified
134' - 138'	feld porph, sericitized quartz veins, pyrite - MoS <sub>2</sub>
138' - 140'	dyke
140' - 152'	altered quartz feld porph, high qtz veining pyrite 2-3% MoS <sub>2</sub> - .1% est.
152' - 153'	diss PbS, ZnS, pyr, MoS <sub>2</sub>
153' - 158'	fine-grained highly siliceous, low alteration est. .05-.09 MoS <sub>2</sub>
158' - 175'	light creamy grey highly alt. sericitized, qtz. veins - ½" visible MoS <sub>2</sub> est. <u>&gt;.1%</u>
175' - 180'	less phenocrysts, sericite, pyrite 2-3% visible MoS <sub>2</sub> < .1%
180' - 185'	sericitized, high metal content fg MoS <sub>2</sub> ? Bornite ?
185' - 197'	rhyolite porph. est. .05 - .1% MoS <sub>2</sub>

Preliminary Log (contd.)

KLAZAN DRILLING

197' - 207'	altered rhyolite, 2-4% pyrite .03 - .05% MoS <sub>2</sub>
207' - 212'	breccia, rhyolite
212' - 226'	rhyolite, pyrite and sericite veins
226' - 230'	K feld porph
230' - 232'	Breccia
232' - 236'	rhyolite porph
236' - 240'	K feld dyke
240' - 247'	rhyolite and K feld porphyry visible MoS <sub>2</sub>
247' - 266'	feld porph MoS <sub>2</sub> <.05%
266' - 283'	highly altered rhyolite porph
283' -	med-grained monzonite < 10% qtz 60% K feld 25% plag.

## CONCLUSIONS

Indications are that rock types encountered in drilling are favourable for porphyry type mineralization and that the program now laid out will be sufficient to aid in further decision making within one month's time.

Work is proceeding well on the Klazan; by mid June all ground surveys and initial drilling (4 holes) should be completed. At that time the program will be re-evaluated and further work (type and method) planned.

## DIAMOND DRILLING

Hole KL-1 is located 2+40E, 8+50N on the new grid established in 1970. This hole is drilled at an angle of  $-55^{\circ}$  and azimuth  $215^{\circ}$ . It was drilled to test an area of high moly geochem and weak mineralization found on surface.

A log of KL-1 as taken from a brief inspection during the course of the writer's visit to the property. (See Table 1.) Plans were made to complete KL-1 to a depth of approximately 800' unless mineralization continued past that depth.

Hole KL-2 was planned to start on May 13. Its location is 2+40E, 11+90N, the hole will be drilled at an angle of  $-55^{\circ}$  towards  $80^{\circ}$ . This hole is designed to test pyritized and sericitized feldspar porphyry as well as the location of the assumed contact between the rhyolite porphyry and quartz

monzonite units (3a and 1b). KL-3 will be drilled from the same set up as KL-2 and an angle of  $-55^{\circ}$  towards  $170^{\circ}$  if additional structural information is required. Should this hole not be required, KL-3 will be drilled from Site D and will test under the stockworks on the west side of Burgis Creek, location 4+00W, 3+00S.

Wayne Roberts has been asked to submit daily drill reports by code to Vancouver via our 11 mg radio as soon as it is operational. Reports will be made direct to J.S. Brock when he is in Yukon. Daily logs will be brief but mention of footage, rock type, alteration and visible sulphide estimates will be made. Duplicates of drill logs will be submitted to Whitehorse office for typing each week. One copy of daily drill reports from the contractor will be retained in camp, the other copy should be sent to Accounting in Vancouver.

All assays will be sent to Loring Laboratories in Calgary.  
Hole KL-1 will be assayed with assays for 5 foot intervals for Cu,  $\text{MoS}_2$ , Au and Ag. Assay certificates will be mailed to Wayne Roberts, John Brock and Marg Parker.

If assays for the first hole prove to be extremely low grade, then it is suggested that rock geochem (crushed with ceramic plates) be done in place of assays and that high rock geochems be

assayed only. This will lower assay costs as well as provide information for alteration studies.

#### LINECUTTING

Linecutting will be completed within one week's time.

Grid location and lines cut are shown on the accompanying map.

#### GEOLOGIC MAPPING

Geologic mapping on a scale of 1 inch to 400 feet will be completed over the Klazan Grid area from Etches to Foster Creek. The entire claim group and surrounding area will be mapped on a scale of 1 inch to 1000 feet.

The Johnny-Cash claims will also be mapped by Wayne Roberts on a scale of 1 inch to 1000 feet.

Klazan Grid Geology will be completed by the first week in June.

#### GEOCHEMICAL SURVEYS

Tentative plans were made to soil sample the Klazan Grid at 100 foot station intervals on all lines. D. Brabek, geochemist for Atlas, will visit the property during May 18th to conduct orientation surveys and advise on sampling procedure. It is the writer's opinion that soil sampling is useful in

spite of frozen ground and heavy organic soil conditions. This is based on the fact that I.M.S. drilling moly and zinc geochemical anomalies, near Prospector Mountain, derived from similar ground conditions are meeting with some encouragement in locating mineralization.

Rock geochem surveys will be run for all trenches where good exposure has been obtained. Chips will be taken every 25 feet in all trenches for purposes of further study into alteration and geochemical features.

When ice conditions permit, detailed silt sampling of local drainages (1000 foot stations) including the Johnny-Cash area, will be carried out.

#### BULLDOZER TRENCHING

Trenching has proved ineffectual due to frozen ground conditions and heavy overburden on the east side of Burgis Creek. Old trenches were cleaned out in preparation for mapping and sampling. The bulldozer will be moved off the property about May 20th.