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82L-4

Whiteman  
Creek

## ATLAS EXPLORATIONS LIMITED

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

### PROPERTY EXAMINATION 82-L-4

### PROPERTY #4 WHITEMAN CREEK STOCK

#### SUMMARY

The syenite stock, approximately 4 miles in diameter, intrudes Cretaceous coast crystalline complex granites north of Whiterocks Mountain. Feldspar porphyry dikes bearing large amounts of pyrite occur near the western contact. They appear to be devoid of any Cu, Pb, Zn, Mo mineralization.

#### RECOMMENDATIONS

No further work required.

#### INTRODUCTION

The stock was examined because it was the only one of its kind mapped on the Vernon Map sheet, and its proximity to the Whiterocks stock made it seem an attractive locality.

#### ACCESS

A Simpson's Loggin Co. road traverses the stock in an east-west direction.

#### PROPERTY AND OWNERSHIP

Several claims have been staked for building stone lots but no lode claims are present.

#### TOPOGRAPHY

Mountainous.

GENERAL GEOLOGY

A felsic augite(?) syenite intrusive stock (Tertiary), approximately 4 miles in diameter intrudes granitic rocks of the coast crystalline complex. Feldspar-porphyry dikes associated have ovoid resorbed phenocrysts of feldspar.

MINERALIZATION

The only mineralization seen consisted of pyrite within a feldspar porphyry dyke occurring near the western contact of the stock. The pyrite is very fine-grained and occurs in layers parallel to crystal foliation.

COMMENTS

Felsic intrusion does not resemble Whiterocks in any way. Rock-chip geochems and silt samples were taken. Results are appended.

M. E. Coates  
July 12, 1970

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