

File Outside Properties  
115 I 3 & 4?

# DIGEST OF MINING PROPERTY

## EXPLORATION DEPARTMENT

**NAME**

MT. NANSEN & RUSK CREEK

**LOCATION**

CARMACKS, YUKON N.T.S.

**PRESENTED BY**

J.G. SIMPSON, CYPRUS EXPLORATION CORP., LTD. VANCOUVER B.C.

**OWNERS**

**REPORTS SUBMITTED**

AREA EXPLORATION REPORTS BY P.F. LEWIS & R.A. DICKINSON ON MAIN GROUP, R.A. DICKINSON ON RUSK GROUP.

**CLAIMS**

**HISTORY**

WORK ON PORPHYRY COPPER BY AREA EXPLORATION INCLUDES MAPPING GEO PHYSICS AND GEOCHEMISTRY FOLLOWED BY DRILLING. PROPERTIES OBTAINED FROM MT. NANSEN(?) MINES, TONY WHEELER OF CARMACKS, AND OTHERS. ALL WORK PREVIOUS TO THIS APPEARS TO HAVE BEEN FOR PLACER AND VEIN GOLD.

**MINING FACILITIES**

UNDERGROUND GOLD MINING OPERATION, MINE, MILL & CAMP FACILITIES IN GOOD REPAIR. CAMP FACILITIES CAN BE OCCUPIED WITH MINIMUM REPAIR.

**GEOLOGY**

ZONED PORPHYRY STOCK INTERRUPTED NANSEN VOLCANICS AND <sup>SLATES</sup> PYRITE HALO & ~~WIDE~~ GEOCHEMICAL SOIL SURVEY SUGGEST THE "ARIZONA" TYPE PORPHYRY WITH THE OUTCROPPING AREA REPRESENTING THE OUTER PYRITE HALO ZONE.

MODEST ZONES OF <sup>LOW GRADE</sup> SUPERGENE COPPER ENRICHMENT ENCOUNTERED IN DRILL HOLES. ENRICHED ZONES MAY AVERAGE 0.2% Cu AND PRIMARY ZONES ARE 0.1% Cu. MODERATE PYRITE LEACHING IS PRESENT. SOME ROCK ALTERATION IS PRESENT, BUT NO PATTERN WAS OBSERVED. ABOUT 200 FEET OF ROCK HAS BEEN WEATHERED AND PARTLY LEACHED.

**SAMPLING**

DRILL DATA IN AREA EXPLORATION REPORT.

**ORE RESERVES**

NONE AT PRESENT. WOULD HAVE DEVELOPED IN THE PRIMARY COPPER ZONE IF PRESENT. HAS TO BE DEVELOPED BY DEEP DRILLING.

DEVELOPMENT

DRILLING - 13 HOLES.

EQUIPMENT

NONE

ECONOMICS

POTENTIAL LARGE TONNAGE PORPHYRY COPPER DEPOSIT AT DEPTH. WOULD HAVE TO BE MINED BY UNDERGROUND METHODS

TERMS

~~EARNED~~ INTEREST CAN BE EARNED ON A DOLLAR FOR DOLLAR BASIS WITH AREA EXPLORATION

COMMENTS

WORK TO DATE HAS BEEN ONLY IN THE OUTER PYRITE ZONE. SUFFICIENT EVIDENCE TO WARRANT DEEP DRILL HOLES TO DEVELOP A SAN MANUEL - KALAMAZOO TYPE OF OPERATION.

VERY LITTLE CHANCE TO DEVELOP PORPHYRY COPPER OPERATION TO BE TAKEN BY OPEN PIT METHODS FROM OBSERVATIONS MADE ON SITE.

SEVERAL (2 AT LEAST) TIMES OF PYRITE INTRODUCTION WERE SEEN APPEAR TO REPRESENT CONTINUING MINERALIZATION WITH XLCIZATION OF STOCK.

SEVERAL QUARTZ ~~VEIN~~ RICH PIPES SHOW FRESH PYRITE WITH SOME MOLYBDENITE ON QTZ-VEINLETS. SUGGESTING FINAL STAGES OF CRYSTALLIZATION CONTAINED ~~MO<sub>2</sub>S<sub>2</sub>~~.  
DEEP DRILLING IS WARRANTED.