

FROM E.O. CUSHMAN TO DR. A. AHO  
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EXAMINATION REPORT ON SKONSENG BASE  
MORAL & SCHIBLITE SHOWINGS PTARMIGAN ~~LAKE~~ CREEK  
AREA, Y.T.

INTRODUCTION

LATE LAST FALL TED SKONSENG, PROSPECTOR, LOCATED A SERIES OF VEINS IN THE PTARMIGAN <sup>CREEK</sup> MOUNTAIN AREA ON THE NAHANNI SUBSET 105 I AT APPROX  $129^{\circ} 50'$ ,  $62^{\circ} 02'$ ,  $129^{\circ} 52'$ ,  $61^{\circ} 56'$ . THE LOCALITY ADJOINS THE DON GROUP OF CLAIMS OWNED BY DON TAYLOR OF WATSON LAKE, BUT NO CLAIMS WERE STAKED BY SKONSENG DUE TO THE LATENESS IN THE SEASON. A <sup>FLOAT</sup> SAMPLE SUBMITTED BY SKONSENG LAST FALL CONTAINING HEAVY PYRRHOTITE WITH MINOR CHALCOPYRITE WAS EXAMINED LAST YEAR ~~RECENTLY~~ AND ~~FROM~~ CONTAINED APPRECIABLE SCHIBLITE ESTIMATED AT 1%  $\text{WO}_3$ . THE SAME TYPE OF MINERALIZATION IS REPORTED ON THE TAYLOR GROUP BY TAYLOR AND IT WAS DECIDED TO RE EXAMINE THE AREA.

THE LOCATION OF THE FLOAT WAS FOUND AND SIMILAR MINERALIZATION WAS PRESENT BUT NO SCHIBLITE WAS FOUND IN THE FLOAT. IT IS POSSIBLE SKONSENG WAS MISTAKEN AS TO THE SCHIBLITE LOCATION.

OTHER VEINS OF BASE MORAL SULPHIDES ~~CONTAIN~~ LOCATED BY SKONSENG LAST YEAR WERE EXAMINED BUT WERE TOO SMALL TO BE ECONOMIC; NO FURTHER ACTION IS WARRANTED IN THE AREA AT THIS TIME

LOCATION & ACCESS

TWO MILES EAST OF PTARMIGAN LAKE AT ELEVATION 5000 FT ON MOUNTAIN TOP BETWEEN THE WATERS OF PTARMIGAN CREEK AND MARCHILLA CREEK THE AREA LIES BETWEEN THE EAST END OF OUR TIM GROUP AND THE DON GROUP OF DON TAYLOR. IT IS ACCESSIBLE ONLY BY HELICOPTER OR ON FOOT. THE NEAREST LANDING LAKE FOR FIXED WING WOULD BE PTARMIGAN LAKE AT THE HEAD OF PTARMIGAN CREEK

SHOWINGS

LOCATION 1. LEAD, ZINC, COPPER DIOPSIDE SKARN ZONE (SEE ATTACHED MAP)  
THE SHOWING CONSISTS OF A SMALL IRREGULAR PATCHES OF HEAVY PYRRHOTITE MINERALIZATION CONTAINING SPHALERITE, GALENA, AND CHALCOPYRITE IN A GREENISH DIOPSIDE SKARN ROCK. MOST SPECIMENS OF MINERALIZATION EXAMINED WERE FROM FLOAT NEAR A SMALL FACE OF ROCK ON THE MOUNTAIN TOP THAT WAS IN ~~CONE~~ ~~THE~~ PLACE IN SMALLER QUANTITIES ON THE CLIFF SIDE. THE PATCH OF PYRRHOTITE SEEN HEREUNDER ONLY A FEW INCHES WIDE AND A FEW FEET LONG. THE NATURE OF THE OCCURRENCE DID NOT SUGGEST ANY EXTENSIVE DEPOSIT. BUT RATHER A SERIES OF IRREGULAR PATCHES NEAR AT THE CONTACT OF A BINE GRAINED INTRUSIVE MONZONITE DIKE OR SILL AND BEDDED PALAEOZOIC SEDIMENTS CONSISTING LOCALY

OF SHOULD DIPANE GREE LINESONE, STRIKE OF THE  
MINERALIZATION FOLLOWS THE BEDDING OF THE  
LINESONE IN AN EAST WESTERLY DIRECTION.  
SAMPLES FROM THIS AREA TAKEN BY SKANSUNG NUMBERS 1627 TO 1631 WERE  
SELECTED HIGH GRADE PIECES & NOT REPRESENTATIVE THEY ARE 8% COPPER WITH LOW GOLD SILVER  
NO SCHEELITE WAS PRESENT


2. LOCATION 2. PYRROTHITE FLOAT CONTAINING SPARSE

CHALCOPYRITE (SEE ATTACHED MAP)

THE SHOWING CONSIST OF A 50 LB. BOULDER OF  
DENSE GREEN PYRROTHITE CONTAINING 50% FINE  
PYRROTHITE & FINELY DISSEMINATED CHALCOPYRITE  
IT LIES IN A LARGE AREA OF ROCK RUBBLE  
AND NO OUTCROP IS EVIDENT FOR SEVERAL  
HUNDRED FEET. THE ROCK RUBBLE IS FINE  
GRAINED HIGHZONITE DERIVED FROM A  
SMALL INTRUSIVE STOCK EXPOSED 150 FEET  
DISTANT. THE ORIGIN OF THE FLOAT  
WOULD BE DIFFICULT TO DETERMINE. THERE  
DID NOT APPEAR TO BE ANY OTHER PIECES  
IN THE IMMEDIATE AREA. THE FLOAT  
LIES APPROX 1/2 MI SOUTH OF THE  
NO.1 LOCATION ABOVE. NO SCHEELITE  
WAS PRESENT.

3. LOCATION 3. <sup>NARROW</sup> ~~SMALL~~ PYRROTHITE VEINS IN  
PHYLLITE <sup>CHALCOPYRITE</sup> SEE ATTACHED LOCATION

THE SHOWING CONSIST OF SEVERAL ISOLATED  
AND PYRROTHITE VEINS FROM 6 INCHES TO 4 FEET  
WIDE IN BEDDING SHEARS IN BEDDED PHYLLITE  
THE VEINS APPEAR TO BE OFFSHOOT RADIAL  
TO A SMALL INTRUSIVE HIGHZONITE  
STOCK APPROX 1/2 MILE IN DIAMETER  
THAT IS EXPOSED IN THE FLOOR OF A  
CIRQUE. THE WALLS OF THE CIRQUE  
ARE COMPOSED OF GREE BEDDED PHYLLITE  
PREDOMINANT STRIKE APPEARS TO BE N165°E  
~~AND THAT DIPS 65° N.~~ THE SOUTH WALL OF THE  
CIRQUE SHOWS CONSIDERABLE CONTORTION IN  
THE BEDDING & NUMEROUS RUSTY FANBANDS  
THAT SHOULD BE EXAMINED FOR COPPER  
CONTENT AT SOME FUTURE DATE. H. O. SAKURAI  
IS AT PRESENT CHECK THIS AREA.

  
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