

94M  
EXPO  
Group

812466

PROPERTY INFORMATION FORM

Date..... June 4 1967.....

Name of Property EXPO GROUP 1-16 (713405)  
OH

Presented by (with address) Date

HUGO BRODELL WATSON LAKE Y.T. JUNE 4 / 1967.

Location LAT. 59° 57' LONG. 126° 15'. 8MI EAST OF SMITH R. AIRPORT RABBIT  
SHEET 941

Access HELICOPTER FROM WATSON LAKE. OR A WHEEL DRIVE FROM SMITH R. AIRPORT  
ALONG LAUSON LAKE OIL ROAD TO WHICH. 2 MILES OF PROPERTY.

Claims EXPO 1-16.

Ownership HUGO BRODELL WATSON LAKE. Y.T.

Summary of Outstanding Features A SERIES OF SHEAR ZONES STRIKING NE DIPPING  
VERTICALLY IN EXTENSIVE QUARTZITE BED. SHEARS VARY FROM  
2 FT TO 25 FT WIDE AND CONTAIN COPPER OXIDES + BORNITE OR CHALCOHITE  
ESTIMATED AT 1% COPPER CONTENT. BY EYE. SHEARS SEPARATED  
400 FT TO BE MINED IN AGGREGATE. SHOWING NOT ECONOMIC  
EXPOSED IN FEW SHALLOW TRENCHES ONLY. MORE PROSPECTING NEEDED.

Opinions, Suggestions or Recommendations of Present Holder

Option Terms 1000' DOWN. 50,000 OVER 4 YEARS. + 75000 SHARES VENDORS

Information is Based on PERSONAL EXAMINATION.

Nature of Deposit SHEAR ZONE

Mineralization COPPER OXIDES POSSIBLY CHALCOPYRITE AT DEPTH.

Widths and Values GRAB SAMPLE OF BEST MATERIAL BY BRODELL ASSAYED  
4.12% COPPER. ESTIMATED CONTENT OF BEST SHEAR  
LESS THAN 1.5% COPPER OVER 20 FT. TRUE WIDTH.  
AS SECONDARY COPPER MINERALS. BEDDING IN  
QUARTZITES STRIKES 345° SHEARS STRIKE 45°  
DIPS 65° TO NORTHWEST.

Strike and Dip SHEARS N45°E DIP 65° NW.

Country Rock QUARTZITE.

Present Known Extent and Possible Extensions SHEARS OCCUR INTERMITTENTLY  
ALONG CENTRE LINE OF CLAIM GROUP THAT FOLLOWS  
BEDDING DIRECTION OF QUARTZITE. A SHEARS OF WIDTHS  
FROM 3 FT TO 20 FEET NOTED ALONG BEDDING DIRECTION  
OVER DISTANCE OF 600 FEET. THE STRIKE DISTANCE  
OF SHEARS ONLY 10-20 FEET EXPOSED. MAY BE  
EXTENSIONS ALONG STRIKE OR PARALLELS ACROSS STRIKE.

Limiting Features LOW ASSAYS. LIMITED WIDTHS.

Workings, Kind, Amount, Location and/or Diamond Drilling

FOUR SHALLOW POOL TRENCHES EXPOSE SHEARS  
BARREN RICK EXPOSED BETWEEN TRENCHES. NO OTHER WORK.

Lengths and Frequency of Exposures

Known Commercial Sections

NIL

Known Non-Commercial Sections

Number, Dimensions and Grade of Ore Shoots Indicated

4/A

Possibilities of Developing Ore

Past Production, If Any

NIL

Dividends, If Any

NIL

Other Significant Features in History of Property

SEE ATTACHED DESCRIPTION BY  
RGO MACRAE UNDER LIEBKAN PROSPECT. AND COMPARE  
WITH REMARKS BELOW.

Previous Examinations

R. MACRAE FOR PROSPECTORS AIRWAYS CO. LTD  
IN 1956

Reports, Plans or Other Sources of Information

NIL

Reasons for Property Lying Idle

LOW GRADE LIMITED EXTENT

Relation to or Comparison with Other Properties in the District

NIL

New Development (Since Last Examination)

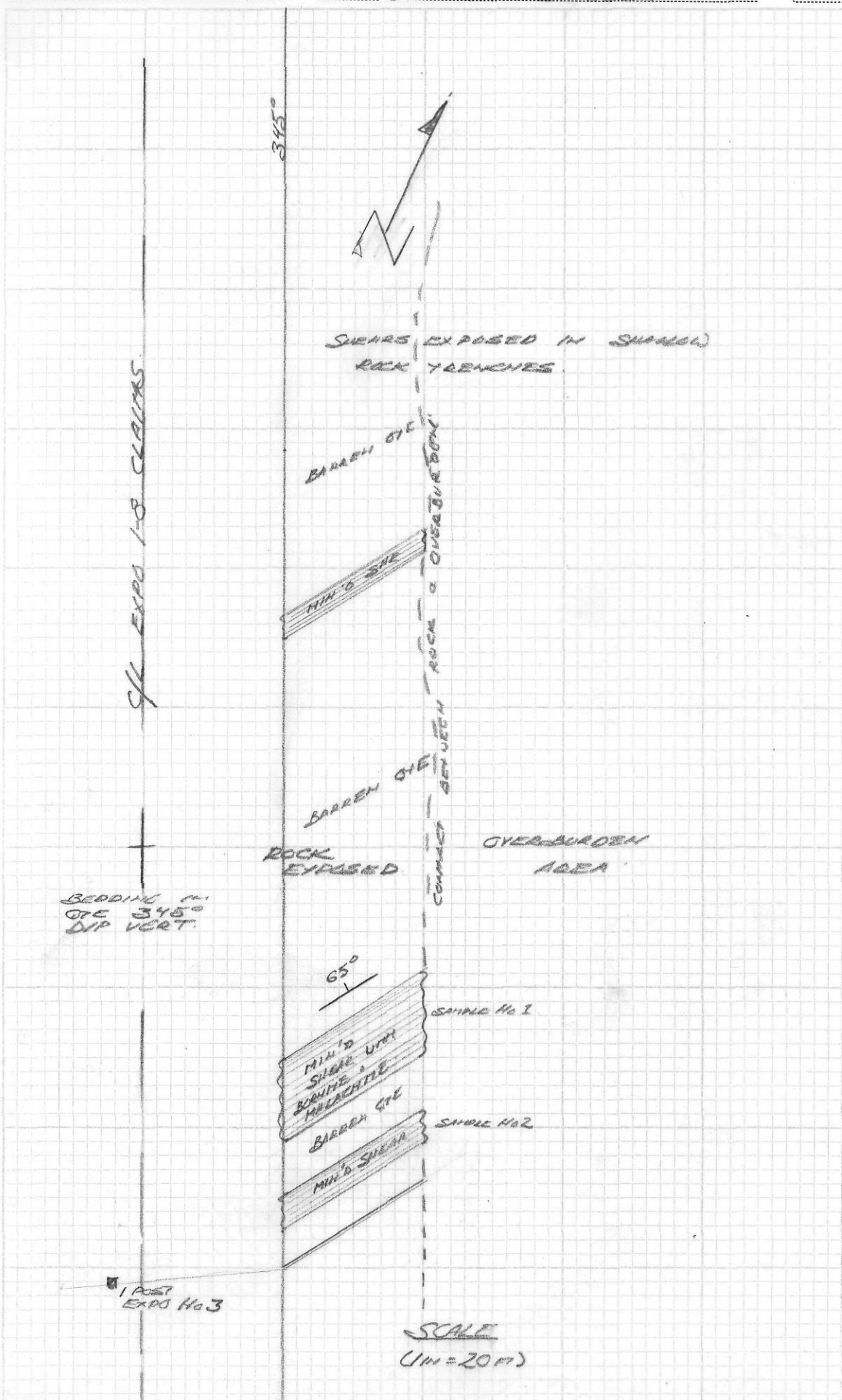
NIL

Other Remarks

THE ORIGINAL PREMISE THAT MINERALIZATION IS  
ALONG BEDDING OF QUARTZITES + POSSIBLY SYNCHONAL IS  
NOT VALID. THE MINERALIZATION IS IN CROSS SHEARS  
POSSIBLY HYDROTHERMAL + SURFACE OXIDATION ONLY  
SHOWS. AS SUCH SHOWING IS NOT ATTRACTIVE FOR OPTION  
BUT WARRANTS FURTHER PROSPECTING.  
BY OWNER.

Examining Engineer

JUNE 4/57  
Date of Examination



dumps along side old caved shafts and one 20 foot adit, also caved. The face of the adit shows a five inch stringer of galena and sphalerite.

CANALASK NICKEL MINE:

Seven hundred feet of drifting, raising and cross-cutting was completed on this property prior to July 1st, when the contract was terminated. The work indicated 1,000 tons per vertical foot of approximately 1.0 Ni. During the latter half of the year, a road and camp was constructed and a plant installed to commence sinking an internal shaft. The shaft was completed in January 1958, and the operation was closed down. Some exploration drilling from surface was done in the fall, but failed to prove any extension to the north zone intersected from adit level.

ANNIE LAKE PROPERTY:

Powell ?

This property embraces the old Union Mine, reported to be the first lode deposit staked in southern Yukon, in 1893. Present owners are Poggenburg and Law, who staked 8 claims in 1957. The property is located on the west side of Annie Lake, Whitehorse Mining Division, Long. 135°-03'; Lat. 60°-20'. The claims are underlain by sediments. Three showings consist of narrow veins following the bedding of sediments. Work by previous owners exposed two parallel veins on which stripping and possibly mining was done. An adit approximately 100 feet long intersects both surface veins at fifty to seventy-five feet below the surface. The best width is 30 inches of mixed arsenopyrite, galena and quartz. The best exposure is in the tunnel. Assays of samples taken from the two veins in the tunnel and the one on surface were uniformly low in silver and lead. There was a shipment in the past of some ten tons, that returned 20 dollars a ton. Plant consists of foundations for a tram-line, base for an upright compressor and storage buildings. The area warrants further prospecting of the sediment-granite contact to the north and west.

NISUTLIN BAY GRUBSTAKE:

Watson Smarch, Teslin Indian, was grubstaked in August to prospect Long Creek at approximately Long. 132°-38'; Lat. 60°-18', as a result of some samples of galena carrying silver minerals. Ten days were spent by the prospector traversing the east and west side of Long Creek, from Misutlin Bay north to a small lake that forms the headwaters of the creek. No mineral was found in place.

LEBMAN PROSPECT, SMITH RIVER, B.C.: (EXPOS 1-15)

NOTE  
THIS IS  
EXPOS 1-16  
GROUP

This prospect, comprised of fifteen claims, known as the Kitty Group, is located approximately 10 miles due east of Smith River, D.O.T. Range Station, at approximately Long. 126°-13'; Lat. ~~59°-54'~~ on the B.C.-Yukon border. Claims are recorded in B.C. The showing, on which considerable stripping has been done by the owner, consists of a quartzite bed, mineralized with chalcocite, bornite and some silver mineral. Assays of

grab samples submitted by the owner, Louis Letman, Smith River, ran 0.24 oz. Ag., 1.56% Cu. Assays of chip samples across the surface expression of the bed averages less than one percent copper. The quartzite is exposed below and above the mineralized bed and is barren of mineral. The mineralized part averaged three feet in width, and is exposed for a length of 600 ft. Down the flat dip of this bed in two places, the test pits showed similar mineralization. Values are too low.

PIELSTICKER ASBESTOS:

This is a twenty-seven claim group, controlled by Carl Pielsticker, located at Sawmill Point, Dease Lake, Liard Mining Division, B.C. It was examined June 7-10, 1957. The showing consists of one major outcrop on which most of the work was done. Asbestos fibre occurs as tension-crack fillings in narrow (less than half inch) fractures in serpentized rock. The best concentrations covered a width of six ft. Rock exposures below and above are barren of fibre, except in rare fractures. On strike from the showing, and some fifty feet distant, a major fracture, possibly a fault, interrupts the occurrence of the serpentine. The fibre is too low grade to have any value. A search of the claims around the original showing failed to locate any asbestos in place. Two pieces of asbestos float were noted.

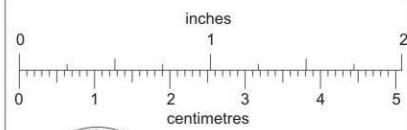
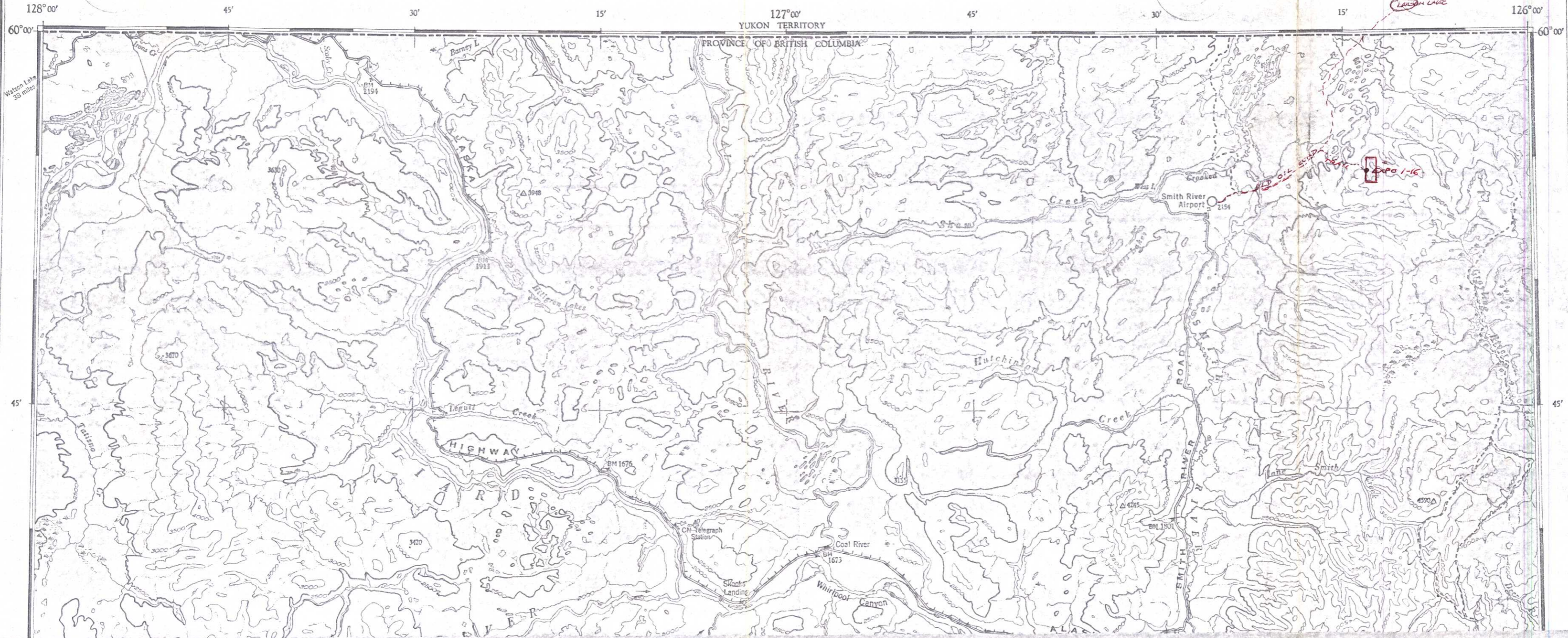
PIKE LAKE GROUP:

This group is located in the Atlin Mining Division, 4 miles south-southeast of Pike Lake on the Telegraph-Atlin trail at approximately long. 133°-20'; lat. 59°-12'. It is comprised of 32 claims owned by Emil Turnquist, Bill Hesselbee and Cecil McLennan of Atlin and Whitehorse. The property was examined August 1st. Showings are as follows: Nickel Showing in granierite, low grade according to assays of samples: Chalcopryrite Showing - narrow vein type along a granite contact in altered peridotite. Assays uniformly low: Chalcocite showing of some interest. Material not found in place, consisted of massive, fine grained chalcocite in the form of some 200 lbs. of float in one location. Probably a vein-type occurrence, but no development work done by owners to locate the source. Assays of chip samples taken from float showed copper varying from 23% to 70%; silver varying from 0.8 ounces to 8 ounces per ton. Owners are completing assessment work on the chalcocite showing. This will warrant further examination if more work is done.

32-CLAIM GROUP. GRIZZLY-JIM-JOE-LUCKY: 138-16: 64-46

(C.W. CHURCHILL  
CALEY 1966)

This is a chalcopryrite vein, exposed on the northeast side of a tributary of Fifteen Mile River, approximately 60 miles north of Dawson, Y.T. There are two parallel veins and one other exposure, all smaller in dimension than the main showing. Trenching exposes the main vein for ten feet on one side of the creek. The extension is covered with overburden on the southwest side of the small tributary to the Fifteen Mile River. Two samples across six feet of vein assayed less than 0.5% copper, trace gold and silver. The host rock is slates and sediments.



BRITISH COLUMBIA GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.