

MINERAL DEPOSIT INVENTOR

889429

Map No. 103 H - G - 33

Property No. 5209

Metal Industrial Mineral Placer Coal Lapidary

Name: Current WESTERN COPPER Previous MARTIN & SHANNON

C.G. and No. _____

Operator/Yr. _____

Claim _____ Owner DETROIT WESTERN MINING CO.

Operator _____ Year 1928

Claim _____ Owner _____

Operator _____ Year _____

Claim _____ Owner _____

Operator _____ Year _____

Location: N.T.S. 103H/1W Lat. 53° 05.9' Long. 128° 20.5' U.T.M. _____

M.D. SKEENA In park E. & N. El. 2000'

Location plotted GP OF CLMS Precision 1

Status: Producer : Active Inactive L+ L M S S-

Non-producer : Pot. prod. Under exploration Prospect Occurrence

Reserves: L+ L M S S- Tons _____ Grade _____

Est. potential: L+ L M S S- Grade _____

Development: Surface _____

Underground TUNNEL, CROSSCUT

Drilling _____

Surveys: Geol. *W.M. ground* Geophys. *bcj* Geochem. *bcj*

References: M.M.A.R. 1908-249; 1924-45; 1925-66; 1926-69; 1927-60; 1931-35; 1928-67; 1929-72.

G.E.M. _____

Dept. expl. forms _____

Asses. rept.: Geol. _____ Geophys. _____ Geochem. _____

Geological and maps G SR 1921. G.278A; GSC PAPER 70-41 p. 47, 48. B.C. Bull. 1, 1932, pp.37-38

Recorded by WDMcC Sept 72 Revised by _____ Lib. Res. Comp. _____

Summary description SHOWING IS ALONG VEIN IN SHEAR-ZONE IN GRANITIC RK FILLED WITH QRTZ AND FRACTURED COUNTRY ROCK AND CONTAINING LENSES OF CU. & FE. SULPHIDES.

Attitude of deposit: Strike NE Dip 30 SE Azimuth _____ Plunge _____

Size: Length _____ Width 4-5' Depth _____

Mineralogy: ~~XXXX~~ CLCP, QRTZ, PYRITE

Minor _____

Assays: Major elements _____

Significant minor elements _____

Production: Tons 237 (1928) Grade: Au 1.71 oz Ag 1,453 oz. Cu 67,930 lb. Pb _____ Zn _____

Others _____

Remarks No significant tonnage found after extensive transportation railway built.

WLRK : IGNS - IRSV - IRMD - CNZC - TRTR

GT : VEIN

HISTORY OF PRODUCTION

During the period 1928-29, 237 tons of ore were shipped from this property. From this ore, 171 ounces of gold, 1,453 ounces of silver, and 67,930 pounds of copper were recovered.

REFERENCES

- Reports of Minister of Mines, British Columbia: 1908, p. 249; 1924, p. 45; 1925, p. 66; 1926, pp. 69-70; 1927, p. 60; 1928, p. 67; 1929, p. 72, 1931, p. 35; 1932, p. 48.
- Galloway, J.O.; Lode-Gold Deposits of British Columbia; Bulletin No. 1, 1932, pp. 37-38, British Columbia Dept. of Mines.
- Mineral Development Sector; Corporation Files: "Revenue Mining Co. Ltd."; "Detroit Western Mining Corp."; "Inlet Mining Corporation Ltd.".
- Roddick, J.A.; Douglas Channel-Hecate Strait, British Columbia, Paper 70-41, p. 47, Geol. Surv. of Canada, 1970.
- Mineral Development Sector; Metals File: CU 301.00.

MAP REFERENCES

- #Map 103 H, Douglas Channel, B.C., (Topo.), Sc. 1:250,000.
- Coast and Islands of B.C. between Campania Sound and Kitimat Arm, (Geol.), Sc. 1":9 miles (approx.) - Fig. 6, accomp. Summ. Report 1921, Pt. A.
- Map 23-1970, Douglas Channel and Hecate Strait, (Geol.), Sc. 1:250,000 - accomp. Paper 70-41, Geol. Surv. of Canada.

REMARKS

Comp./Rev. By	DH						
Date	7-75						

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

ing claims. A limited amount of work was reported done during the year.

- Examined by self (TGS), Jim Hutter Sr., Bill McGowan, Dick Morgan - Apr. 5/77
- very difficult to see anything
- located 1952(?) unimog + D9 cat along old railway
- railway followed by chopper only after seeing old dock
- tram cable seen in creek at bottom of cliff.
- one tower only seen at bottom
- no sign of old camps, etc.
- workings not observed but North Star canyon - OK - mu. be inaccessible! - ropes only! - how did they build tramway in w
- BCDM reports - Good!
- Weather - sunny - snow only 3/4 up slope

PRODUCT COPPER

PROVINCE OR TERRITORY

British Columbia

N.T.S. AREA 103 H/1

REF. CU 1

NAME OF PROPERTY WESTERN COPPER (KHUTZE RIVER)

OBJECT LOCATED - Showing.

UNCERTAINTY IN METRES 200. Lat. 53°06'00" Long. 128°19'00"

Mining Division Skeena District Coast

County Township or Parish

Lot ~~0000000000~~ Range 4

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The country rock is granodiorite of the Coast intrusives. The vein, a narrow shear zone along a major joint plane, strikes about N70°E, paralleling the valley, and dips at about 20°-30° south into the hill. Vein width varies from a mere crack to 5 feet. Mineralization consists of pyrite, chalcopyrite, and sparse chalcocite. In a few places lenses of copper and iron sulphides, consisting of from 6 to 18 inches of massive ore accompanied by 4 to 5 feet of sparsely disseminated ore, occur over lengths of from 20 to 40 feet, with extensive stretches of barren vein-matter or pinched vein between them. Five such showings have been found over an outcrop length of over 4,000 feet. Replacement of the wall-rock by economic minerals is practically non-existent.

Associated minerals or products of value - Gold, silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located on a westerly flowing tributary of the Khutze River some 5 miles from the head of Khutze Inlet. The claims cover the area from the riverbed, at the 200 foot elevation, to beyond the crest of the south side ridge, at about the 5,000 foot elevation.

The showings were reportedly discovered by an Indian trapper in about 1903. The next spring two prospectors, Messrs. McLeod and Meldrum, paid the trapper to guide them to the discovery. A very considerable amount of work, consisting of open cuts and adits, had been done on the showings by 1908. The Western Copper claim (Lot 380), along with a number of other claims, was Crown-granted to Messrs. McLeod, Meldrum, and Mathers in 1908. Apparently that same year they sold the property to Messrs. Martin, Shannon, and Mathers, of Vancouver.

After lying idle from about 1909 until 1925, the property, then consisting of 47 Crown-granted claims, was bonded by E.W. Scully and later taken over on an agreement by Khutze River Mines, Limited. In 1926 the property was purchased by the Revenue Mining Company, Limited, who did some preliminary work. Detroit Western Syndicate bought the property in the same year and retained the former owners to administer the development work. The work in 1927 included construction of a permanent camp and a new railway, 5 miles long, extending from the inlet to the base of the hill below the main workings. Construction also began on a 3,000 foot aerial tramway to connect the railway with the tunnel site. This syndicate, later reorganized under the name Detroit Western Mining Company. In 1928, a crosscut adit was started about 12 feet below the vein, in the foot-wall. During 1929 a small shipment of ore was made and work continued on a shaft. In November operations ceased.

In about 1931 the property was acquired by a syndicate called the Western Copper Venture, of Vancouver. Exploration work was carried on by the syndicate into 1932. Exploration and development work to that date totalled some 1,200 feet of drifts and crosscuts in several adits, about 60 feet of raising, a 750 foot deep inclined shaft, and considerable surface trenching.

This, apparently, was the property acquired by Inlet Mining Corporation Limited in 1952. The company was reported to have held 2 claims, with an option on 5 adjoin-

p.t.o.
Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

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