

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 103 P/13
RÉGION DU S.N.R.C.

REF. AG 2
RÉF.

NAME OF PROPERTY MOBILE (KENNETH) (GIBSON)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°57'30" Long. 129°55'

Lat. Long.

Mining Division Skeena
Division minière

District Cassiar
District

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

G.H. Kendrick,
P.O. Box 2136,
Merritt, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of argillite, greywacke, quartzite, limestone, tuffs and rhyolites, all of the Hazelton group. Granodiorite of the Coast Range Intrusives outcrops about a mile to the southwest.

Three roughly parallel banded and brecciated shear zones 2 to 15 feet wide strike north across the property. The main showing consists of a well-defined vein in a shear zone in argillites, striking north-south and dipping steeply west. The vein is in most part conformable with the bedding but in places follows a cross-shear to a different plane, or possibly the original plane faulted. The sheared and brecciated vein matter is slightly mineralized with zinc blende, galena, and pyrite in a quartz gangue. In places native silver and ruby silver occur in small high-grade ore shoots.

Grove, 1971, describes the showings as follows:

Mineralization consists of narrow, erratic, quartz-carbonate-sulphide lenses along steep north-northeast-trending shear zones in deformed graphitic Bowser siltstones. Although reportedly 2,000 feet long, the main zone is not continuous and the visible mineralization seldom has a width of more than

p.t.o.

Associated minerals or products - Lead, zinc.
Minéraux ou produits associés

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at about the 4,000 foot elevation on the south side of Glacier Creek about 4 miles northeast of Stewart.

In 1919 H.P. Gibson owned the property and was prospecting it by open cuts and a little stripping. He was joined by partners Legge & Harris in 1920. Mobile Mines Ltd. was formed in 1922 to develop the property. By 1924 when the mine closed it had been developed on 3 levels over a vertical distance of about 400 feet.

The showing was restaked in 1927 and became known as the Kenneth group. The Argentine Syndicate, composed of Messrs. Gibson, Porter & Legg, was formed late in 1929 to develop the group. The "C" level tunnel was driven as a crosscut 550 feet to intersect the "A" vein. The "A" level tunnel was run on the vein for 76 feet and small raises and winzes were put in on the high grade sections. The "D" level crosscut was driven 112 feet to intersect the "B" vein. The mine was closed in 1934. R. Jokanovich restaked the property in 1949 and shipped a small amount of ore.

Anglo United Development Corporation Ltd. acquired an option on the property from G.H. Kendrick in September 1964. Work by the company in 1964 and 1966 consisted mainly of geochemical surveys intended to outline mineralization other than that already developed; the results were not encouraging.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production figures are incomplete. Some ore, assaying 200-600 ounces of silver per ton was shipped to the smelter at Swansea, Wales, in 1923. Five tons of sacked ore shipped in October 1930 assayed 0.11 ounces of gold and 323 ounces of silver per ton, 10.8% zinc, 4.14% arsenic, and 1.01% antimony.

In 1949, 8 tons of ore were shipped from this property. From this ore 1 ounce of gold, 1,538 ounces of silver, 1,192 pounds of lead, and 1,483 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1919, p. 65; 1921, p. 64; 1922, p. 69; 1923, p. 71; 1927, p. 90; 1929, p. 95; 1930, p. 105; 1931, p. 42; 1933, p. 53; 1934, p. B 24; 1949, p. 41; 1965, p. 51; 1966, p. 40.

Hanson, G.; Portland Canal Area, B.C.; Mem. 175, p. 131, Geol. Surv. of Canada, 1935.

Mineral Policy Sector; Corporation Files: "Mobile Mine"; "Kenneth Group"; "Anglo United Development Corporation Ltd."

Grove, Edward W.; Geology and Mineral Deposits of the Stewart Area, Northwestern British Columbia; Bulletin No. 58, p. 136, British Columbia Dept. of Mines, 1971.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 315 A, Portland Canal Area, (Mining Properties), Sc. 1":4 miles - accomp. Mem. 175.

Map 307 A, Portland Canal Area, (Geol.), Sc. 1":4 miles - accomp. Mem. 175.

Map 215 A, Stewart Sheet, W. Half, (Geol.), Sc. 1":1 mile - accomp. Mem. 159.

Geological Map of the Stewart Area, Sc. 1":½ mile, Fig. 3, Sheet A - accomp. Bulletin No. 58.

Map 193 A, Stewart Sheet, West Half, (Topo.), Sc. 1:50,000.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

a few inches. Minerals identified in the veins include galena, sphalerite, pyrite, minor argentite, tetrahedrite, proustite, and rare native gold. Reported gold-silver and base metal values are erratic and generally low.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	11-64	11-74					