

NAME OF PROPERTY **ENO (BURDEN) (HIDDEN VALLEY)**

OBJECT LOCATED -centre **Eno 36 claim.**

UNCERTAINTY IN METERS Lat. **59°2.9'** Long. **128°00.1'**

Mining Division **Liard** District **Cassiar**

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

"The area is underlain by buff and black, slaty, well-bedded limestone and grey, glossy, calcareous phyllite of the Kechika Group. The rocks are highly contorted and phyllite is strongly drag-folded between beds of limestone. Cleavage strikes N45°W and dips from 65° to 70°SW.

"Lenses and irregular bodies of rusty weathering sideritic or ankeritic carbonate and white, milky quartz lie in a zone between footwall (slaty limestone) and hanging-wall (calcareous phyllite). On the south side of the creek this zone dips about 65°SW but on the north side it dips about 25°SW. Chalcopyrite occurs as veinlets in quartz and as irregular masses in quartz and carbonate. The mineralized zone is about 40 feet wide where cut by the stream although in general it is extremely irregular.

"Similar occurrences of chalcopyrite are exposed in roughly the same stratigraphic position in the Kechika Group in a zone extending for 12 miles northwest from Hidden Valley Creek. The mineralized rocks are characterized by the presence of rusty weathering oxidation products, white quartz, and splotches of malachite." (Gabrielse, 1963, p. 112).

Associated minerals or products of value - **Silver.**

HISTORY OF EXPLORATION AND DEVELOPMENT

The showing is exposed along a tributary of Hidden Valley Creek about 12 miles east of the south end of Deadwood Lake.

The Consolidated Mining and Smelting Company of Canada Limited optioned the Burden property in 1951 and carried out a program of geological mapping, trenching, and sampling; the option was subsequently abandoned.

Kellex Mining Co. Ltd. purchased the Eno group from G. Arnold Armstrong. Work during 1969 included geological mapping, a geochemical survey, trenching and sampling. Ten claims (Eno 27-36) were retained by the company.

HISTORY OF PRODUCTION

REFERENCES

Gabrielse, H.; McDame Map-Area, Cassiar District, British Columbia; Memoir 319, p. 112, Geol. Surv. of Canada, 1963.

Report of Minister of Mines, British Columbia: 1951, p. 73.

Mineral Development Sector; Corporation Files: "Kellex Mining Co. Ltd.".

MAP REFERENCES

Map 1110 A, McDame, (Geol.), Sc. 1":4 miles - Accom. Memoir 319.

Map 104 P, McDame, (Topo.), Sc. 1:250,000.

REMARKS

Location from Mineral Deposit Inventory, Property No. 438, British Columbia Dept. of Mines.

BCI 104 P - 28, 94 M - 16

Comp./Rev. By	DMacR						
Date	3-74						