

NAME OF PROPERTY

GREAT DANE

OBJECT LOCATED - Great Dane claim (Lot 5285).

UNCERTAINTY IN METRES 300. Lat. 49°46'00" Long. 116°26'45"

Mining Division Fort Steele District Kootenay

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

Map 1053 A indicates the area is underlain by Proterozoic Creston Formation cut by Mesozoic or Earlier meta diorite and meta quartz diorite of the Moyie intrusions.

An adit has been driven about 65 feet along vertical north striking, Creston phyllitic quartzites. The mineralization occurs only at the portal, in pods and discontinuous stringers up to five feet wide, of galena, chalcopyrite, sphalerite, pyrite, and siderite. This mineralization continues for only 15 or 20 feet where it either ends abruptly, or has been cut off by a small shear in Creston rocks. A crosscut has been driven in barren quartzite from the face of the adit for 225 feet at north 80 degrees west. Small amounts of galena occur on the hillside above as thin, anastomosing, veinlets, few over 1 inch wide.

At elevation 6,300 feet on the Coppery Creek slope a rusty mineralized zone contains chalcopyrite, pyrite, pyrrhotite, and galena in order of abundance, with much siderite. These sulphides occur as small stringers and irregular pods and masses

p.t.o.

Associated minerals or products - Lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately the 7,000 feet elevation at the head of Morris Creek, on the southerly side of the ridge between St. Mary River and Dewar Creek some 22 miles west-northwest of Kimberley.

The Great Dane claim (Lot 5285) was Crown-granted to Sawyer brothers and Georgina LaPointe in 1901. Two adjacent claims have been Crown-granted, the White Star (Lot 5286) and Fisher (Lot 5287). The White Star was Crown-granted to Fred Coyle & associates in 1903. Along strike on the Coppery Creek side of the ridge two claims have been Crown-granted, the Mogul (Lot 4940) and Alta (Lot 4941).

Development work on the Great Dane in about 1901 included a drift adit driven about 65 feet. A crosscut was driven in barren quartzite from the face of the adit for 225 feet at N80°W. On the other side of the ridge, in the vicinity of the Mogul claim about 100 feet of shallow trenching was done.

DESCRIPTION OF DEPOSIT (continued)

up to 3 inches wide surrounding fragments of brecciated sedimentary rocks or as disseminated flecks throughout the rock over a width of 15 feet. Most of the pyrrhotite occurs as masses up to 2 feet in size.

REFERENCES

Reports of Minister of Mines, British Columbia:
 1901, pp. 1006, 1228; 1902, p. 132; 1903, p. 245.
 Rice, H.M.A.; Nelson Map-Area (East Half), Memoir 228,
 p. 72, Geol. Surv. of Canada, 1941.
 †Ressor, J.E.; Dewar Creek Map-Area; Memoir 292, p. 64,
 Geol. Surv. of Canada, 1958.

MAP REFERENCES

- #Map 1053 A, Dewar Creek, (Geol.), Sc. 1":1 mile - accomp. Memoir 292.
- Map 603 A, Nelson (East Half), (Geol.), Sc. 1":4 miles - accomp. Memoir 228.
- Map 8474 G, Dewar Creek, (Aeromag.), Sc. 1":1 mile.
- *Map 82 F/16, Dewar Creek, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	8-79						