

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

DALEY WEST, INGENICA

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat.	55°13'20"	Long.	127°33'40"
Lat.		Long.	
Mining Division Division minière	Omineca	District District	Cassiar
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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The Rocher Deboule stock is composed essentially of two rocks, slightly porphyritic granodiorite and fine-grained quartz monzonite. The showings are within the fine-grained quartz monzonite phase of the stock. The quartz monzonite shows a wide variation in the ratio of plagioclase to potash feldspar. Accessory minerals include apatite and zircon. A quartz fissure vein occurs in the granodiorite between elevations of 2,000 and 2,400 feet, following a strong fault plane. The wallrocks are altered and silicified and bear sulphides over widths up to 1 foot. Both vein and wallrock carry up to 50% of pyrite and arsenopyrite with a little chalcopyrite, but the average sulphide content of the vein as a whole does not exceed 5%. In the main adit the vein strikes S30°W and dips 65°northwest. A 15-inch channel sample taken across the vein in the face of the adit assayed: gold, 0.04 ounce a ton; silver, 1.37 ounces a ton; copper, 1.92%; tungsten, none; uranium, none.

Associated minerals or products - Silver.
Minéraux ou produits associés

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

This property is located at the 2,000 foot elevation about ¼ mile east of Mission (Station) Creek and 2 miles south-southeast of New Hazelton.

The last reported development work was by the Spokane Rocher Deboule Mining and Copper Company, Limited, in 1916. The company charter was surrendered in 1922. The showings have been developed by 2 adits and some open cuts. The main adit, at elevation 2,175 feet, was driven 235 feet southerly along the vein. The lower adit, 125 feet vertically below the main adit, was driven 155 feet along two small stringers which are 2 to 3 feet apart; each of the stringers carries an inch or two of chalcopyrite.

The Ingenica group, located east of the Daley West claim, was staked in 1912 by Leverett & associates from R.T. McDonnell, of Hazelton. No development work has been reported on this group.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Brown, A. Sutherland; Geology of the Rocher Deboule Range; Bulletin No. 43, pp. 27, 52, B.C. Dept. of Mines and Petroleum Resources, 1960.

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223, Revised Edition, p. 39, Geol. Surv. of Canada, 1954.

Reports of Minister of Mines, British Columbia: 1912, p. 114; 1916, p. 116.

O'Neill, J.J.; Preliminary Report on the Economic Geology of Hazelton District, British Columbia; Memoir 110, p. 25, Geol. Surv. of Canada, 1919.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geological Map of the Rocher Deboule Range, Sc. 1":1 mile, Fig. 2, Bulletin No. 43, B.C. Dept. of Mines and Petroleum Resources, 1960.

Map 971 A, Smithers-Fort St. James, B.C., (Geol.), Sc. 1":8 miles.

Map 93 M/4 E, Skeena Crossing, B.C., (Topo.), Sc. 1:50,000.

Map 93 M/4 E, Skeena Crossing, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par								
Date Date	07-68							