

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

DAVIES (DONNA)

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

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.	

Lat. 56°08.6' Long. 124°55.8'  
Lat. Long.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The showings include fissure veins and low-grade irregular replacement deposits close to faults in relatively massive limestone believed to be part of the lower limestone member of the Cache Creek group of Palaeozoic age. The mineralization appears to be concentrated in favourable horizons on the west flank of and near the crest of an anticline, the axis of which strikes east of north and plunges about 30° north. On the Elizabeth claim a 100 foot long trench is mineralized over most of its length with sphalerite, barite, and a little galena in irregular disseminations and scattered patches. Dolomitization and some silicification accompany the sulphide mineralization. The smaller cuts contain similar mineralization with barite predominant. On the Molly claim the limestone strikes between N10° and 40°E and dips 40° northwest. Mineralization consists mainly of sphalerite and barite with minor galena, quartz, calcite, and pyrite. These minerals are disseminated through and in irregular patches replacing limestone. In a few exposures the mineralization is concentrated in layers parallel to the bedding, and where brecciation has occurred the sulphides are in the matrix. A chip sample across 51 feet in a cut on the Molly claim assayed; gold, nil; silver, 0.2 ounce a ton; lead, less than 0.3%; zinc, 4.9%; barium, 3.4%.  
Associated minerals or products - Silver, lead, barite.  
Minéraux ou produits associés.

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

These showings are located between elevations of 3,400 and 4,000 feet on a small northerly flowing creek that joins the Osilinka River about 6 miles downstream from the mouth of Wasi Creek.

The showings were discovered and staked by Gordon and Ernest Davies in 1946. Trenching was done on the Elizabeth No. 1, Molly, and Gwynn claims. Northwestern Explorations, Limited optioned the Davies, Gordon, and Vernon groups in 1951 and geological and geochemical work was reported by the company the following year. A pack trail was completed to the property in 1953 and some stripping carried out on the showings. The company name was changed in 1959 to Kennco Explorations, (Western) Limited.

Canex Aerial Exploration Ltd. in 1968 carried out geophysical and geochemical surveys on the Donna group, which was apparently a restaking of the former claims.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

McCammon, J.W.; Osilinka River-Nina Lake Area; Report of Minister of Mines, British Columbia, 1952, p. 103.

Roots, E.F.; Geology and Mineral Deposits of Aiken Lake Map-Area, British Columbia; Memoir 274, p. 201, Geol. Surv. of Canada, 1954.

Annual Reports, Dept. of Mines, B.C.: 1951, p. 118; 1953, p. 94.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 94 C, Fort Grahame, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	01-67	09-74					