

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 92 L/2
RÉGION DU S.N.R.C.

REF. AU 24
RÉF.

NAME OF PROPERTY GOLDSRING
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - adit (on L.1940).
OBJET LOCALISÉ

UNCERTAINTY 400 m
FACTEUR D'INCERTITUDE

Lat. 50°03'42"

Long. 126°48'10"

Mining Division Alberni
Division minière

District
District

Rupert

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 north-facing slope to Fault Creek is underlain by much fractured and sheared andesites, intruded by grey to green feldspar porphyry dykes. Two northerly striking quartz veins follow narrow shear zones in andesite of the Middle or Upper Triassic Karmutsen formation. The andesite is dark green, massive and consists of both porphyritic and amygdaloidal flows. The quartz contains abundant pyrite, occasional patches of chalcopyrite and minor amounts of sphalerite and galena.

The eastern vein has been followed by the two adits and is exposed at several places between the adits and below the lower adit in the bed of a watercourse tributary to Fault Creek. This vein, striking N5°W and dips 55 to 70 degrees eastward, is one to eight inches thick and follows a rusty shear zone 5 to 12 inches wide.

The western vein consists of quartz sulphide stringers, one to three inches wide, that occasionally splits into several one-inch stringers along the strike. The main quartz stringers strike N30°E and dip 70 degrees southeastward, following a shear one to five inches wide.

p.t.o.

Associated minerals or products - Silver, copper, lead.
Minéraux ou produits associés

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

The Goldspring Nos. 1 to 6 mineral claims (L.1937-L.1942) are located along Fault Creek, eastward-flowing tributary to the Zeballos River. The workings, which consist of two adits and several strippings are on the south bank of Fault Creek between elevations of 1,540 and 1,760 feet.

This property was first staked in 1937 by Sam Knutsen (BCDM MMAR 1938, p. F 65, reported J.B. Madsen) and has been staked several times since then under different names. Nearly all the work on the property was done in 1938 and 1939 by Zeballos Goldspring Mines, Limited, which was incorporated in 1938, and whose charter was cancelled on 5th day of February in 1942. No work has been done on the property since 1939. No production has been reported.

A sample of heavy pyrite taken from the (eastern) vein in the creek bed at a point 15 feet above the portal of the lower adit, assayed: Au, 1.54 oz per ton; Ag, 0.50 oz per ton. A sample across the eight-inch width of the (eastern) vein, with pyritic quartz, assayed: Au, 0.40 oz per ton; Ag, 0.10 oz per ton.

Three samples taken along western vein assayed from trace to 0.30 oz per ton in Au.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

Both veins carries sparkling clusters of light-coloured pyrite in white quartz streaked through with films of chlorite. Visible specks of gold appear in some of the oxidized parts.

Carson suggested a Tertiary age for the Zeballos camp gold-quartz vein deposit because of an age 38 million years for the quartz diorite (GSC Paper 68-50, p. 43).

REFERENCES/BIBLIOGRAPHIE

Hoadley, J.W. (1953): Geology and Mineral Deposit of the Zeballos-Nimpkish area, Vancouver Island, British Columbia; Geol. Surv. Can., Mem. 272, p. 59.

Stevenson, J.S. (1950): Geology and Mineral Deposits of the Zeballos Mining camp, British Columbia; BCDM Bull. No. 27, pp. 118, 119.

Muller, J.E. et al. (1974): Geology and Mineral Deposits of Albert Bay-Cape Scott Map-Area, Vancouver Island, British Columbia; Geol. Surv. Can., P 74-8, 77 p.

Bancroft, M.F. (1940): Zeballos Mining District and Vicinity, British Columbia; Geol. Surv. Can., P 40-12, pp. 32, 33.

British Columbia Minister of Mines: Ann. Rept. 1938, p. F 65.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#Map 1028 A, Woss Lake, (Geol.), Sc. 1":1 mi.

#Map Fig. 2, Zeballos Mining Camp, Areal Geology, Sc. 1":1,600 ft. - accomp. BCDM Bull. No. 27.

Map 92 L, Albert Bay, (B.C. Mineral Inventory - 1980), Sc. 1":4 mi.

Map 4-1974, Albert Bay-Cape Scott, (Geol.), Sc. 1:250,000 - accomp. GSC P 74-8.

*Map 92 L/2, Woss Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	CFL						
Date Date	08-81						