

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 F/2
RÉGION DU S.N.R.C.

REF. AU 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SUMMIT BELL

OBJECT LOCATED - Maggie Aikens claim (Lot 10776).
OBJET LOCALISÉ

UNCERTAINTY 500 m
FACTEUR D'INCERTITUDE

Lat. 49°09'30"

Long. 116°54'40"

Mining Division Nelson
Division minière

District
District

Kootenay

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 property lies within the Bayonne batholith, a granite to granodiorite intrusive which is probably related to the Jurassic Nelson batholith. Though the workings do not show it conclusively, there appear to be two roughly parallel shears 20 to 25 feet apart, between which numerous fractures are filled with quartz. The shears strike northeasterly and dip steeply southeast, in granodiorite. They contain irregular quartz lenses and veins up to 18 inches in width. In some sections the granodiorite on the hanging wall side of the vein is altered and rusty over a width of as much as 2 feet. In places the quartz, and to some extent the altered wallrock, have been mineralized with pyrite, which apparently carries the gold and silver values. In the most western open cut the quartz at the foot-wall is about 8 inches wide, in the hanging-wall of which the granodiorite is altered and rusty for 22 inches. A sample was taken across 11 inches, including the quartz at the foot-wall and some altered granodiorite, assayed 0.72 oz per ton gold, and 1.0 oz per ton silver. A grab sample, from two small piles of quartz containing pyrite, one pile underground and the other at the portal, assayed: Gold, 0.96 oz per ton; silver,

p.t.o.

Associated minerals or products - Silver.
Minéraux ou produits associés

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

The showings are located at approximately 5,700 feet elevation on the northwest side of Bluebird Creek, a tributary of Blazed Creek, some 18 miles west-northwest of Creston. The summit of John Bull Mountain lies about a mile to the southwest.

The property was owned and under development by F. Aikens and P. Casey from prior to 1910. Three claims, the Michigan, Maggie Aikens, and Summit Bell (Lots 10775-10777 respectively) were Crown-granted to Aikens and Casey in 1917. Work to that date was done in open cuts and a 120 foot drift adit. In 1937 the property was owned jointly by Mr. Aikens of Bayonne P.O. and Mrs. P. Casey, of Spokane. At that time the adit comprised about 220 feet of drift and crosscut.

Bayonne Consolidated Mines, Ltd. optioned the property in 1939 but no work was done and the option was given up in 1941.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

0.1 oz per ton; lead, nil. As the mineralization appears to be irregular, extensive sampling, possibly bulk-sampling, would be required to determine the value of the deposit.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
 1910, p. 112; 1917, pp. 167, 452; 1937, p. E 16⁺.
 Rice, H.M.A.; Nelson Map-Area, East Half, British
 Columbia; Memoir 228, p. 82, Geol. Surv. of Canada,
 1941.
 Mineral Policy Sector; Corporation Files: "Bayonne
 Consolidated Mines, Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 603 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Memoir 228.
 Sketch Map of the Bayonne-Midge Creek Area, (Claim Map),
 Sc. 1":2 miles, Report of Minister of Mines, B.C., 1937,
 p. E 10.
 Map 8475 G, Creston, (Aeromag.), Sc. 1":1 mile.
 #Map 82 F/2, Creston, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR							
Date Date	04-81							