

PRODUCT PRODUIT	SILVER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 P/6 RÉGION DU S.N.R.C.	REF. AG 3 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ESPERANZA, ACADIA

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°29'30"	Long. 129°29'30"
Lat.	Long.
Mining Division Skeena	District Cassiar
Division minière	District
County	Township or Parish
Comté	Canton ou paroisse
Lot	Concession or Range
Lot	Concession ou rang
Sec	Tp.
Sect.	Ct.
	R.
	R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Sileurian Chieftain Mining Company, Limited,
201, 846 W. Hastings St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock is argillite intruded by narrow lamprophyre dykes. The sedimentary rocks lie in gentle, northwesterly striking folds. The dykes strike northeast. The mineral deposits are silver-bearing quartz veins that contain also lead and copper minerals. Scheelite occurs locally. The main ore-body is a quartz vein which for the most part lies in a fault fracture. The strike of the fracture curves from west to southwest and finally to northwest. The vein that occupies the fracture has the form of a southerly plunging anticline. The vein in some places is as much as 6 feet thick but in most of the stopes it is 1 to 3 feet thick. Its greatest proved length is in No. 4 adit and is 320 feet. Its extension down the dip is known to be greater than 500 feet. The angle of dip varies from 10 to 35 degrees. The vein is crossed by normal faults of small throw. The vein consists of quartz and ankerite holding arsenopyrite, pyrrhotite, pyrite, chalcopyrite, sphalerite, galena, tetrahedrite, ruby silver, native silver, probably polybasite, and other silver minerals. The best ore shoot was located on the axial part of the fold-like structure.

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

This property is located between elevations of 400 and 700 feet on the west side of the Kitsault River about 3/4 mile north of the community of Alice Arm.

The showings were discovered in October 1903 by Messrs. Roundy and Nicholson and two claims were staked, the Black Bear and Aldebaran. Intermittent exploration work was reported in stripping and open cutting until 1906. In 1911 the claims were held under bond by E. Morrison who carried out exploration work in 2 adits and shipped some 60 tons of ore.

The claims were subsequently acquired from Frank Roundy by the Salinas Bros. on a wage claim of a few hundred dollars. Three claims, the Black Bear, Aldebaran and Ill Chance It Fraction (Lots 1071-1073 respectively) were Crown-granted to Pedro Salinas and W.J. Vaughan in 1915. The owners carried on intermittent exploration work and made several small shipments of high-grade ore. In 1921, the claims were purchased by a Mr. Elge and the following year taken over by an Anyox syndicate; two nearby claims, the Midway and Midway No. 1, were acquired by the syndicate from R. Ingraham. The syndicate carried on small high-grading operations into 1925. Lessees carried out exploration work on other showings on the property; the Granby Consolidated Mining, Smelting and Power Company, Limited is reported to have driven No. 6 adit at that time.

Esperanza Mines, Limited, which was organized in November 1927, acquired the Esperanza group and in 1929 acquired the nearby Acadia group of 2 claims and the Alice property. Exploration and mining operations were carried out in a number of adits. A 25 tons per day mill was erected late in 1935 and operated until early in 1937. Some X-ray diamond drilling was reported by the company in 1945. During 1947 and 1948 further drifting and mining was done in Nos. 4 and 5 adits. Exploration work on the showings to this time had been done in 10 adits; much of the vein between No. 4 and 2A adits was stoped out.

Sileurian Chieftain Mining Company, Limited optioned the Esperanza group of Crown-granted claims in about 1965 and located the Acadia group of recorded claims. Work during the year included diamond drilling in 5 short holes. Angelo Lorinde subsequently acquired mineral lease M-71 covering reverted Crown-grant Lots 1071-1073 and staked 9 claims in the Lori group. Lori Explorations Ltd. was incorporated in August