

NAME OF PROPERTY NOM DE LA PROPRIÉTÉ		BAYVIEW, GOLD CLIFF, LUCILLE No. 1, FRANKLIN	
OBJECT LOCATED OBJET LOCALISÉ			
UNCERTAINTY FACTEUR D'INCERTITUDE		Lat. 55°58'20"	Long. 129°59'20"
Mining Division Division minière	Skeena	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 contact between sedimentary rocks of the Hazelton group to the north and granodiorite of the Coast Range intrusives to the south, strikes southwest across the property. Most of the discoveries are near the edge of the batholith, some within the batholith, some in the adjacent argillite, and some in adjacent volcanic rocks. Three veins have been explored on the Bayview claims at about the 4,000 foot elevation. The veins are parallel to each other and to the contact zone. One vein is at the edge of the batholith and the other two are within 700 feet of the edge. The veins are 2 feet or less in width and consist of pyrite, galena, sphalerite, and tetrahedrite in a gangue of quartz.

Two veins have been found on the Lucille No. 1 claim. The lower vein, at about the 2,750 foot elevation, strikes west-northwest, dips about 50°NE, and varies in width from 2 to 5 feet. It consists of a number of both parallel and irregular stringers of massive sulphides, which coalesce in places, forming large replacement bunches of ore within a well defined zone in the granodiorite; the west end of the vein is just about on the edge of the batholith. The country rock is

see Card 2

Associated minerals or products - Lead, zinc, gold, tungsten.
Minéraux ou produits associés

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

This property is located on the west side of the Bear River, 2½ miles north of Stewart. A number of claim groups have been staked along a southwesterly trending intrusive contact, the claims covering a strip of ground extending from the Bear River to near the top of the mountain at an elevation of 4,500 feet. These claim groups are the Bayview, Thompson, Gold Cliff, and Franklin.

The Franklin group of some 8 claims and fractions was located on the lower slope of the mountain, just above the Bear River. The claims were held by F. Rainey in 1906. The Franklin Consolidated Mines, Limited was formed in June 1910, apparently to explore this property. Development work included open cutting and about 60 feet of drifts and crosscuts. The company charter was surrendered in 1914.

The Bayview Nos. 1 and 2 claims (Lots 4181, 4182) were owned and under development by G. Cameron, of Stewart, prior to 1919. In 1919 the claims were bonded to Everett Wash interests, who subsequently formed the Bayview Syndicate. Ten additional claims were acquired in 1919, apparently by staking and by option. Among the claims apparently acquired by option was the Thompson group, comprising the K.P. No. 1, TACOMA, LUCILLE No. 1, BETH, and KENT claims, Lots 4183-4186 and 4192 respectively. These claims were Crown-granted to Robert Morris Thompson in 1924. In 1920 the syndicate drove a 100 foot long crosscut adit at the 3,700 foot elevation on the Bayview claims; the claims subsequently fell idle.

The Gold Cliff group, of about 17 claims, was staked by Messrs. DANN and DOUVILLE in 1923. In October 1924 about 20 claims in the Gold Cliff and Thompson groups were taken under bond by A.B. Trites for the Pacific Mines, Petroleum & Development Co., Limited. The combined property was known as the United Empire group. A crosscut adit and drift at the 3,050 foot elevation was driven over 100 feet; on the lower vein a short crosscut adit was driven. The option was dropped about the first of August 1925, the Bayview and Thompson groups passing to the Bayview Mining Company, and the Gold Cliff group to its original owners.

The Bayview Mining Company, Limited was formed in March 1925 to acquire 14 claims, including the Bayview and Thompson groups. Exploration work revealed two new veins on the

see Card 2

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1925, 10 tons of ore were shipped from the Bayview property. From this ore 1 ounce of gold, 1,539 ounces of silver, 2,970 pounds of lead, and 3,870 pounds of zinc were recovered.

In 1934-36, 169 tons of ore were shipped from the Gold Cliff property. From this ore 10 ounces of gold, 4,418 ounces of silver, 23,451 pounds of lead, and 16,918 pounds of zinc were recovered.

As far as can be determined, the production from both properties apparently came from different sections of the Lucille veins.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 215 A, Stewart Sheet, B.C., (Geol.), Sc. 1":1 mile - accomp. Memoir 159.

Geological Map of the Stewart Area, Sc. 1": $\frac{1}{2}$ mile, Fig. 3, Sheet A - accomp. Bulletin 58, British Columbia Dept. of Mines, 1971.

Stewart Area, Crown Grant claim map, Fig. 15 A - accomp. Bulletin 58, British Columbia Dept. of Mines.

Map 193 A, Stewart Sheet, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

REFERENCES/BIBLIOGRAPHIE

Hanson, G.; Bear River and Stewart Map-Areas, Cassiar District, B.C.; Memoir 159, p. 38, Geol. Surveys of Canada, 1929.

Reports of Minister of Mines, British Columbia: 1906, p. 67; 1910, p. 61; 1912, p. 107; 1919, p. 64; 1920, p. 54; 1922, p. 69; 1923, p. 78; 1924, pp. 71, 366; 1925, p. 99; 1927, pp. 87, 88; 1928, pp. 97, 98; 1929, p. 95; 1930, p. 105; 1933, p. 53; 1934, p. B18; 1935, p. B28; 1936, p. B59; 1963, p. 11.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 106, 149, Geol. Surveys of Canada, 1935.

Stevenson, John S.; Tungsten Deposits of British Columbia; Bulletin No. 10 (Revised), p. 53, British Columbia Dept. of Mines, 1943.

Wilmot, V.L. Eardley; Silver Producing Mines in British Columbia; unpublished report, June 1930, pp. 66, 68 - in Mineral Policy Sector, File MR-AG 301.00 B.C.

Mineral Policy Sector; Corporation Files: "Pacific Mines, Petroleum & Development Co., Limited"; "Bayview Mining Company, Limited"; "United Empire Gold & Silver Mining Co., Limited"; "Athena Mines Ltd."

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 76; 1971, p. 126.

Comp./Rev. By Comp./rév. par							
Date Date	11-68	11-74					

PRODUCT PRODUIT	SILVER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 P/13 RÉGION DU S.N.R.C.	REF. AG 1 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BAYVIEW, GOLD CLIFF, LUCILLE No. 1,
FRANKLIN

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

heavily impregnated with pyrite for a considerable distance on either side of the vein. The upper vein, about 100 feet in elevation above the lower, lies entirely within the volcanics. It strikes more nearly northwest than the lower vein, dips steep northeast, and has been traced several hundred feet up hill into the Gold Cliff ground.

On the Gold Cliff group, which adjoins the Bayview on the east and north, the extension of the upper Lucille vein is a narrow shear zone in highly altered greenstone, containing occasional lenses of high grade ore. The vein strikes NW, dips SW at a fairly steep angle, and has been traced between elevations of 3,400 and 3,700 feet.

The lowest showings on the Gold Cliff are at an elevation of about 3,000 feet where a northwesterly striking vein, from 1 to 3 feet wide, has been traced for 200 feet. It lies partly in granodiorite, partly in volcanic rock, and makes a right angle with the edge of the batholith. The vein filling consists of galena, sphalerite, pyrite, and tetrahedrite in a gangue of quartz. Underground the vein was found to be narrower and lower in grade.

Scheelite has been discovered in the old workings on the Lucille No. 1 claim.

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

Lucille No. 1 claim. These veins were explored by open cuts and several crosscut adits. Work by the company ceased in about 1928. The Bayview No. 1 & 2 claims were Crown-granted to the company in 1930.

The United Empire Gold & Silver Mining Co., Limited was formed in February 1928 to acquire the Gold Cliff group. The Gold Cliff Nos. 1, 2, 4, 5, Gold Cliff Nos. 1 & 2 Fractions, Gold Fraction, Jerry, Dog, Tom, and Tom Fraction claims (Lots 4986-4990, 4992, 4993, 4996, 4997, and 5101) were Crown-granted to the company in 1929. The extension of the Lucille vein was explored by open cuts and a drift adit at the 3,400 foot elevation. A crosscut adit with a west drift totalling 1,071 feet was driven and 1,235 feet of diamond drilling was done. About 600 feet to the northeast a crosscut adit, begun by the Trites interests, was extended to a length of 200 feet. The property closed early in 1935 but operated again from July to November 1936 when 80 feet of drifting, 12 feet of crosscut, and 63 feet of raising was done, and some ore shipped.

In 1942 the Lucille No. 1 claim was owned by Ernest Low, of Stewart, who had discovered scheelite in the old workings on the Lucille vein.

Bayshore Silver Mines Limited, a private company formed in February 1962, acquired a lease on 20 of the Crown-granted claims formerly held by Bayview Mining and United Empire. During 1963 a program of geological mapping was carried out.

Mineral Leases M 215 covering the Gold Cliff group, and M 216, covering the Jerry Dog, Barney, and Tom claims, were acquired in 1968 by Edward Green and associates, who incorporated Athena Mines Ltd. in March 1969. Work included an airborne geophysical survey in 1969, geological mapping, trenching, and 414 feet of surface diamond drilling in 3 holes in 1970, and electromagnetic and magnetometer surveys in 1971. The leases were subsequently abandoned.

Bayshore Resources Ltd. 8-2-80/81
For-Can Expl L. 6004 9/27/80; 25/27/84, p.4;
11/00/80