

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

DIVIDEND-LAKEVIEW, GEM

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°01' Long. 119°30'

Mining Division
Division minière

Osoyoos

District
District

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

Torbrit Silver Mines Ltd.,
3110 - 25 King St. W.,
Toronto, Ont.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The oldest rocks in the vicinity are referred to the Kobau group of Palaeozoic age, which here include micaceous quartzite, mica and chlorite schist, crystalline limestone, and greenstone. The limestone members occur as small lenses or pods which can never be traced for more than short distances. Augite, syenite and other alkali-rich granitic rocks of Mesozoic age lie to the southwest. Sheared and gneissic granodiorite and diorite of the Nelson intrusives outcrop to the northeast of the property. The orebodies are typical high temperature replacement deposits. The larger appear to follow the lime beds or the altered volcanics of the Kobau series. They occur chiefly as irregular replacements of the country rock, but also as veins along fissures and joints. The chief metallic minerals are pyrrhotite, magnetite, and chalcopyrite, with some arsenopyrite. Molybdenite occurs in a younger granite which is intruded into the Nelson granites.

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

This property is located on the eastern slope of Kruger Mountain about a mile north of the International Boundary and 2 miles southwest of Osoyoos.

The Dividend claim (Lot 1589) and Lakeview claim (Lot 1899) were Crown-granted to Messrs. Fisher, Bowerman, and Anderson in 1900. Exploration work was carried on by G. Nadin in 1901 but results were discouraging. No further work was done until the Granby Consolidated Mining & Smelting Corporation Limited bonded the property in 1908. A crosscut tunnel, driven 450 feet, failed to encounter any ore and the option was dropped.

The Dividend-Lakeview Consolidated Gold Mining Company Limited, a Nevada company, acquired the property in about 1912 and operated the mine until 1915. No further work was done until 1930 when Messrs. Reilly, Antonson, and Lonie of Oroville, Washington, leased the property from the company. A sublease was given to M.F. Watts, of Vancouver, who installed a 30 stamp mill and operated the mine until the fall of 1932.

The Northern Syndicate, Limited, acquired the Dividend, Dividend Fr. and Lakeview claims at a lien sale in 1933 and leased a number of other claims from the Dividend-Lakeview Consolidated Gold Mining Company of Elmira, N.Y. Osoyoos Mines, Limited, was formed to operate the property. A 50 ton flotation mill was installed in 1936 and a 125 ton cyanide plant added the following year. In 1938 the assets of the company were acquired by Osoyoos Mines of Canada, Ltd. The mill capacity was increased to 150 tons per day, however, the mine closed later in the year and the company filed notice of bankruptcy in 1941.

Sheep Creek Mines Limited optioned the Dividend-Lakeview and Gem groups in 1963. The Dividend-Lakeview group, owned by D.F. Simpson, is surrounded on three sides by the Gem group which consists of 14 recorded claims, 3 mineral leases, and the Gem Crown-granted claim, all owned by K. Butler. Work during the year consisted of magnetometer and self-potential surveys and 2,404 feet of diamond drilling in 15 holes. The option was dropped and the owners carried on surface exploration and trenching during 1964.

Torbrit Silver Mines Ltd. acquired a 75% interest with Rio Athabaska Uranium Mines in a long term option on the property in 1966.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1907-1939, 122,636 tons of ore were milled at this property. From this ore 16,217 ounces of gold, 2,805 ounces of silver, 161,716 pounds of copper, 156 pounds of lead, and 156 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Mineral Deposits of the West Half of Kettle River Area, B.C.; Paper 37-21, pp. 38-40, Geol. Surv. of Canada.

Cockfield, W.E.; Lode Gold Deposits of Fairview Camp, Camp McKinney, and Vidette Lake Area, and the Dividend-Lakeview Property near Osoyoos, B.C.; Memoir 179, pp. 20-26, Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1900, p. 990; 1913, pp. 172-174; 1930, p. 218; 1931, p. 135; 1932, pp. 134-135; 1933, p. 164; 1934, p. D 13; 1939, p. 75; 1963, pp. 65-67; 1964, p. 109.

Mineral Policy Sector; Corporation Files: "Osoyoos Mines of Canada Ltd."

Camsell, C.; The Geology of Certain Portions of Yale District, B.C.; Summary Report 1912, pp. 211-213, Geol. Surv. of Canada.

Mines Branch, Ottawa; Ore Dressing & Metallurgical Investigation No. 639; Gold Ore From the Osoyoos Mines, Limited, Osoyoos, British Columbia; Report No. 771, Investigations in Ore Dressing and Metallurgy, July to December 1935, pp. 23-29.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 15-1961, Kettle River, B.C., (Geol.), Sc. 1":4 miles.

Map 341 A, Keremeos, B.C., (Topo.), Sc. 1:50,000.

Map 82 E, Penticton, B.C., (Topo.), Sc. 1:250,000.

Mineral Reference Map No. 7, Greenwood & Osoyoos, (Surveyed Claims), Sc. 1":1 mile, Dept. of Lands, B.C., 1934.

Map 749 G, Aeromagnetic Survey adjacent to the Forty-Ninth Parallel, Sc. 1":4 miles.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	04-66						