

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

LYNX (BUTTLE LAKE)

OBJECT LOCATED - Center of Lynx claim (Lot 1660).  
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	50 m	Lat. 49°34'45"	Long. 125°36'15"
Mining Division Division minière	Alberni	District District	Clayoquot
County Comté		Township or Parish Canton ou paroisse	
Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Westmin Resources Limited

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The Lynx orebodies are enclosed by a variety of Pennsylvanian or older volcanic rocks of the Sicker Group. The primary rocks consist of andesite flows, massive tuffs, volcanic breccias, and thin-bedded tuffs. The secondary rocks derived from the primary rocks are green, buff, and grey schists. The overall mine structure is a steeply dipping zone of schistose rocks with concordant discontinuous massive sulphide bodies contained within the zone. The known orebodies occur close to the southwest wall of the schist zone, which is at least 500 feet wide in the vicinity of the mine workings. The southwest wall of the schist zone from surface to about the 925 level has an overall southwesterly dip of about 65 degrees. Below this level limited evidence suggests the dip changes to the northeast. The hangingwall rocks are massive or in places lightly sheared, and the contact between them and the quartz sericite chlorite schists of the shear zone is mostly either sharp or rapidly gradational. Below the 1,075 level there are zones of massive purple volcanic breccia within the shear zone.

The ore occurs as massive sulphide bodies composed of pyrite, chalcopyrite, sphalerite, and galena with minor  
Associated minerals or products - Copper, silver, gold, lead, cadmium, See Card 2 ..  
Minéraux ou produits associés

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

The Lynx property is located on the north side of Myra Creek 2 miles west of the south end of Buttle Lake, in Strathcona Provincial Park. The Paramount (Paw) property - see 92 F/12, Ref. Zn 2 - adjoins to the southeast.

Strathcona Park was closed to prospectors from 1910 to 1918. In the latter year this section was opened and the showings on Myra Creek, which had been discovered a number of years earlier, were prospected to some extent. With the staking of the Paramount property, interest in the area increased and in 1919 some 30 claims were located. The Lynx showings were staked (Lots 1612, 1659-1661, 1663-1667, 1341-1343) by James Cross, J.D. Breeze, J.L. Kerr, and W.T. Hayes. Exploration work was done in open cuts. The Paramount Mining Company, Limited, incorporated October 1919 to acquire the adjacent property, optioned the Lynx group. Work by the company in 1920 was largely confined to the Paw property and the option on the Lynx was abandoned. The Lynx property (12 claims) was Crown-granted to the original owners in 1923. James Cross and associates, of Victoria, prospected the claims from time to time during the following years. The Lynx, Cougar, and Grey Squirrel claims were owned in 1952 by M.V. Cross and W.T. Miller, of Victoria.

In 1958 P.M. Reynolds, H.H. Huestis, and associates, of Vancouver, optioned the Lynx property (7 Crown-grants) from W.T. Miller; options on the Paw and Price properties were acquired also. With the staking of 128 recorded claims (W group) a contiguous block 4.75 miles long by 1.7 miles wide was formed. They in turn optioned the claims to Western Mines Limited in May 1961. Work during the year included diamond drilling in 14 holes totalling 6,544 feet on the Lynx showings. Underground exploration during 1962-63 was concentrated on the Lynx, where two adits at elevations of 1,225 and 1,350 feet were driven. A vertical shaft was sunk from the 1,225 level to the 850 level and raised to the 1,350 level. In 1965 the shaft was sunk an additional 935 feet. Ore reserves, assured and possible, for the Lynx were estimated at 1,500,000 tons averaging .063 ounce gold, 2.91 ounces silver, 2.19% copper, 1.21% lead, and 10.4% zinc. During 1965 the construction of a 750 tons per day mill was begun, as well as stripping of the orebody in preparation for open pit mining; all ore above No. 11 level (1,075 foot elevation) was to be mined by open pit. The mill began intermittent operation in December 1966 and continuous operation in see Card 2 .....

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Between 1967 and 1979 (inclusive) there were milled 3,876,996 tonnes producing 7,241,289 grams gold, 351,151,088 grams silver, 57,328,752 kg's copper, 36,542,917 kg's lead, 263,337,971 kg's zinc, 1,065,126 grams cadmium (BCI 92 F - 71). (Includes both Lynx and Myra mines' statistics).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 17-1968, Alberni, (Geol.), Sc. 1:250,000 - accomp. Paper 68-50.  
 Map 2-1965, Comox Lake, (Geol.), Sc. 1":2 miles.  
 \*Map 92 F/12 E, Buttle Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

See also - Paramount, 92 F/12, Ref. Zn 2.  
 Price, 92 F/12, Ref. Zn 3.  
 H-W, 92 F/12, Ref. Zn 4

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Comp./Rev. By Comp./rév. par	DMacR	DMacR	JL	JL			
Date Date	07-73	06-80	09-82	10-90			

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PRODUCT ZINC PRODUIT	PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 92 F/12 RÉGION DU S.N.R.C.	REF. ZN 1 RÉF.
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DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

bornite. The orebody walls are sharp, with an abrupt change from massive high-grade ore to wallrock schist. Disseminated sulphide in the host rock sufficient to constitute ore is very limited.

The massive ore occurs in the form of discrete lenses, masses, and vein-like bodies, contained by the sheared host rocks and broadly concordant in attitude with the shear zone. The dimensions of the orebodies may vary considerably over short distances, and continuity between widely spaced exposures is not assured. Ore widths are up to 40 feet and some ore has a continuous length of 800 feet, though a number of the ore-bodies have strike and dip dimensions of the order of 100 feet.

In the upper two levels of the mine, ore lying close to the hangingwall appears to be fairly persistent, but it fades down dip at about the 1,075 level, where there is a change in dip of the hangingwall.

In the deeper levels, sulphide occurs on both walls and near the top of the zones of massive purple volcanic breccia mentioned above.

January 1967. Most of the ore initially came from the open pit but small amounts were provided from underground development and experimental stoping. By 1972 the underground operation was providing 48.9% of the mill feed. Ore reserves at the Lynx as of December 31, 1972 were 1,114,400 tons averaging 0.06 ounce gold, 2.2 ounces silver, 1.4% copper, 0.9% lead, and 7.3% zinc. Included in this figure are 121,200 tons remaining in the open pit.

Open pit mining was completed in 1976. The S zone was discovered in 1976 and production from it began in 1979. The mill capacity was increased to 1,000 tons per day. In 1981 the name of the company was changed to Westmin Resources Limited. The G Zone West having a strike length of 1,400 feet, was discovered in 1983.