

PRODUCT PRODUIT		ZINC		PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 92 I/7 RÉGION DU S.N.R.C.	REF. ZN 1 RÉF.
NAME OF PROPERTY NOM DE LA PROPRIÉTÉ				SUNSHINE (TOLMAN CREEK)		HISTORY OF EXPLORATION AND DEVELOPMENT HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR		
OBJECT LOCATED - adit on No. 3 zone. OBJET LOCALISÉ				The property is located at the head of Tolman Creek, about 14 miles north of Merritt. No. 3 zone is approximately 2,000 feet on a bearing of N60°E from Tolman Lake, at an elevation of about 4,800 feet. The No. 1 zone is located about ¼ mile south-west of No. 3 zone. The No. 2 zone is located about one mile northeast of No. 3 zone.				
UNCERTAINTY 300 m FACTEUR D'INCERTITUDE		Lat. 50°18'40"		Long. 120°46'10"		A small mineralized outcrop was discovered by prospector A.D. Gavelin in 1964. Some 67 claims were staked in the Sunshine, LO, Friday, Saturday, Lee, Patti, Trish, and Tom groups. Vastlode Mining Company Limited was incorporated in March 1965 to carry on the exploration work. During 1965 and 1966, trenching, a magnetometer survey, and 3,000 feet of diamond drilling in 12 holes was carried out on No. 2 zone.		
Mining Division Division minière		Nicola		District District		San Doh Mines Ltd., under a June 1967 agreement with Vastlode, began exploration work on a new discovery (No. 3 zone) on the Sunshine No. 1 claim. Trenching, and 2,829 feet of diamond drilling in 16 holes was carried out. During 1968 an adit was driven 985 feet to explore No. 3 zone; about 400 feet of this length was driven on the vein.		
County Comté		Township or Parish Canton ou paroisse		Kamloops		Highland Lode Mines Ltd. acquired the claims from Vastlode by way of a Bill of Sale dated November 1967, pursuant to an agreement between Vastlode and San Doh, dated June 1967, whereby Vastlode received 500,000 shares and San Doh 250,000 shares of Highland Lode, which was incorporated in September 1967.		
Lot Lot		Concession or Range Concession ou rang				Work during 1969 and 1971 included geological mapping, and underground diamond drilling totalling 450 feet in 3 holes to intersect the vein about 150 feet below the adit level. Based on this work, the main lense (No. 3 zone) is estimated to contain 285,000 tons. The average grade, from adit samples and drill holes above the adit, is calculated at 0.36 ounce silver, 0.18% copper, 1.69% lead, and 4.80% zinc. The No. 2 zone is estimated to contain 50,000 to 60,000 tons of about the same grade (Highland Lode Mines, Statement of Material Facts, March 1972).		
Sec Sect.		Tp. Ct.		R. R.		During 1972 surface diamond drilling on Sunshine No. 1, Elva 1, and Lee 22 claims totalled 2,162 feet in 6 holes.		
OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT				The country rocks are greenstones, andesites, basalt, tuffs, and breccia of the Nicola group of Upper Triassic age.				
DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT				A mineralized shear, which is up to 25 feet wide, has been traced for about 6,000 feet in Nicola volcanic rocks. The shear strikes N50°E and dips 35 to 60° northwestward. The footwall and hanging wall are andesite porphyry. A grey micropegmatite which intrudes the shear is exposed in widths up to 8 feet. The shear, which tends to pinch and swell both along strike and with depth, is mineralized by calcite and quartz, and by pyrite, sphalerite, galena, and chalcopyrite. The mineralization occurs as discrete bodies within the shear and ranges in width from a few inches to the full width of the structure. Three mineralized zones, designated Nos. 1, 2, and 3 are indicated.				
				The Company name (Highland Lode) was changed in 1977 to CDR Resources Inc. Ruskin Developments Ltd. optioned the property, comprising the Sunshine 1-16 and LO 6 and 7 claims, in July 1976. Work during 1977-78 included an electromagnetic survey over 32				
				p.t.o.				
Associated minerals or products Minéraux ou produits associés				- Copper, lead, silver.				
				Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa Secteur de la politique minière, ministère de l'Énergie, des Mines et des Ressources, Ottawa 509847. *				

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

kilometres, a geochemical soil survey (975 samples), and surface diamond drilling in 4 holes totalling 210 m on No. 3 zone; the option was abandoned in 1979.

CDR Resources in 1980 began a drilling program to test No.3 zone below the 150' level.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1965, p. 150; 1966, p. 165; 1967, p. 162; 1968, p. 196.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 269; 1971, p. 344; 1972, p. 158; 1977, p. E 144; 1978, p. E 161.

Mineral Policy Sector; Corporation Files: "San Doh Mines Ltd."; "Vastlode Mining Company Limited"; "CDR Resources Inc."; "Ruskin Developments Ltd.".

Trenholme, L.S.; Summary Report, Tolman Lake Property - in CDR Resources Inc. Statement of Material Facts, Dec. 11, 1979.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 886 A, Nicola, (Geol.), Sc. 1":4 miles - accomp. Memoir 249, Geol. Surv. of Canada.

#Tolman Lake claims, Sc. 1:50,000, Fig. 2, Rept. by Trenholme, 1979.

Map 5212 G, Mamit Lake, (Aeromag.), Sc. 1":1 mile (1968).

*Map 92 I/7, Mamit Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	05-78	02-82					