

PRODUCT GYPSUM  
PRODUIT

PROVINCE OR PROVINCE OU British Columbia  
TERRITORY TERRITOIRE

N.T.S. AREA 82 J/4  
RÉGION DU S.N.R.C.

REF. GYP 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ ROAM CREEK, BEAVER

OBJECT LOCATED - Main outcrop, 1 mile south of Roam Ck.  
OBJET LOCALISÉ

UNCERTAINTY 500 m Lat. 50°00'40" Long. 115°31'00"  
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Fort Steele District Kootenay  
Division minière District

County Township or Parish  
Comté Canton ou paroisse

Lot Concession or Range  
Lot Concession ou rang

Sec. Tp. R.  
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Gypsum occurs in a graben-like structure in the valleys of upper Lussier River and Coyote Creek. It outcrops in four localities and almost certainly underlies parts of the intervening drift-covered ground. Map 24-1958 indicates the underlying rocks are mid Devonian and (?) earlier Burmais Formation.

The largest gypsum exposure is on the east bank of Lussier River 1 mile above Roam Creek. It forms a series of steep slopes and bluffs 1/3 mile long and up to 300 feet high. The whole outcrop is gypsum rock but the purity varies. The strata are contorted but the general strike appears to be northeasterly, with a steep southeasterly dip. The gypsum is fine-grained, bedded, and characteristically in fine laminae whose thicknesses range down to a small fraction of an inch. The chief impurities in the gypsum are calcium and magnesian carbonates and anhydrite, which form discrete layers and laminae and also occur intergrown with gypsum grains.

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

Gypsum occurs on the east side of the Lussier River, in the vicinity of the Roam Creek junction, some 16 miles southeast of Canal Flats.

The Roam Creek group of 8 claims was held under option in 1959 by J. Crockart, of Calgary, who re-optioned to Gypsum, Lime & Alabastine Limited, diamond drilling totalling 944 feet was reported. In 1960 United Gypsum Corporation Ltd. held 27 claims and carried out 1,496 feet of drilling in 5 holes. In October 1963 Alscope Consolidated Ltd. acquired a 70% interest in United Gypsum. Further drilling and feasibility studies were carried out during the period 1964 to 1970. Based on this work the material available for open pit mining was estimated at 550,000 tons proven averaging 83.71% gypsum, and 5,807,000 tons probable at approximately the same grade (Northern Miner, 26/08/71).

The Beaver claims, located in the same vicinity and owned by A.H. Nichols and Mrs. B. Iverson, of Kimberley, were optioned in 1962 to Domtar Construction Materials Limited, and subsequently purchased by the company. Work during 1962-64 included 1,100 feet of drilling in 15 holes and bulk sampling. In 1968 the company carried out geological mapping and 243 feet of drilling in 5 holes.

Reports of Minister of Mines, British Columbia:  
 1959, p. 167; 1960, p. 140; 1961, p. 144;  
 1962, p. 151; 1963, p. 144; 1964, p. 185;  
 1968, p. 308.

Mineral Policy Sector; Corporation Files:  
 "Alscope Consolidated Ltd."; "United Gypsum  
 Corporation Ltd.".

<sup>†</sup>Leech, G.S.; Canal Flats, British Columbia; Paper 54-7,  
 p. 29, Geol. Surv. of Canada.

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 24-1958, Canal Flats, (Geol.), Sc. 1":1 mile, Geol. Surv.  
 of Canada.

Map 82 J/4, Canal Flats, (Topo.), Sc. 1:50,000.

## REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	05-81						