

FROM "NEW DEVELOPMENTS IN INDUSTRIAL  
MINERALS" (Z.O. HORA, 1985)

003342

Property File

LOST CREEK (Mineral Inventory 82F5W307)

082F5W307

White, mottled in places by a slightly yellow colour, fine-grained (1 millimetre) crystalline limestone of a sugary texture is mined underground on the western side of Lost Creek, 3 kilometres north of Highway 3 between Salmo and Creston.

The mine was opened during 1982/83 by the International Marble and Stone Company as a horizontal adit in a massive limestone band. Here, the limestone strikes 60 degrees and dips 45 degrees southeast. The end part of the 60 metres long adit intersects zones light grey in colour and others with dark grey streaks. The mined rock is trucked to Sirdar, where it is ground into a variety of industrial limestone products. The composition of typical fragments collected from the freshly opened face is as follows:

CaO	52.8 per cent	TiO <sub>2</sub>	0.02 per cent
MgO	0.82 per cent	MnO	0.055 per cent
SiO <sub>2</sub>	1.31 per cent		
Al <sub>2</sub> O <sub>3</sub>	1.29 per cent		
Fe <sub>2</sub> O <sub>3</sub>	0.15 per cent		
LOI	43.25 per cent		

The company reports the brightness of the ground product as 94.85 per cent.

The limestone belongs to a Reeves Member of the Laib Formation of the Cambrian age.

#### REFERENCES

Fyles, J.T. and Hewlett, C.G. (1959): Stratigraphy and Structure of the Salmo Lead-Zinc Area, B.C. Dept. of Mines, Bull. III. 41