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SHORT NOTES ON SOME CANADIAN MINERALS.¹

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It is the intention of the writer in the following short notes to place on record a few new localities of some Canadian minerals, and also to call attention to the interesting forms in which, in several instances, they occur at these and other localities already known.

1. NATIVE ARSENIC.

A year ago a specimen was received from Mr. Charles Brent, Mining Engineer, of Port Arthur, Ont., which contained this mineral in some quantity.

The locality is given as Edwards Island, Thunder Bay District, Lake Superior, nine miles east of Silver Islet, and the ore, of which the arsenic forms a part, is said to have yielded in selected samples as high as 130 oz. silver to the ton, the average being about 75 oz.

The arsenic occurs, in the specimen examined, in small reniform masses, tarnished to a dark-grey color and imbedded in a white cleavable calcite which forms small patches in a dark-grey, fine-grained, crystalline limestone.

It greatly resembles in appearance that found at Joachimsthal, in Bohemia.

Blende, galenite, pyrite, and chalcopyrite were observed as associated minerals, and native silver is also said to occur rather plentifully with it.

The Silver Islet Consolidated Mining and Land Co. during

¹ One of the species described, the Molybdenite, is from Labrador.