

NEWFOUNDLAND & LABRADOR

Explore The Opportunities

Island Pond - Cu-Zn-Au



Map 1: Property Location

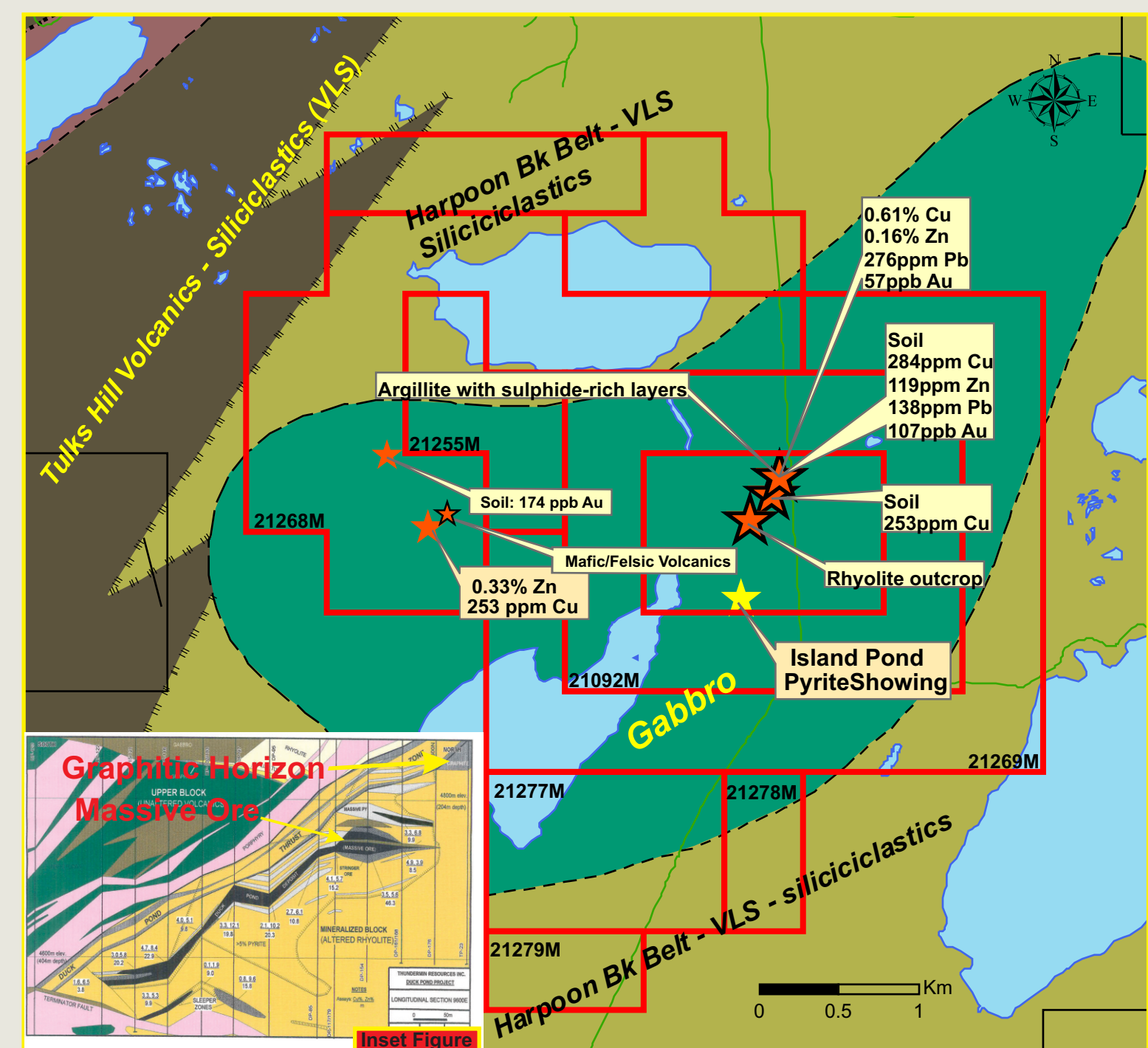
The **Island Pond Copper-Zinc-Gold Property** consists of 74 claims located in central Newfoundland approximately 6 km south of the community of Millertown and 17 km southeast of Buchans, in an established mining and logging area. Access to the property can be gained from woods roads (Maps 1 and 2).

Regional Geology:

The property lies within the Exploits Subzone (Dunnage Zone) of the Newfoundland Appalachians and is underlain by the pre-Caradocian Victoria Lake Group (VLG - Map 2) comprising a sequence of volcanic and volcanoclastic rocks (Kean and Jayasinghe, 1980) which represents an early and middle Ordovician island-arc. This group is intruded by Siluro-Devonian gabbro.

Local Geology

The property is principally underlain by a post Ordovician gabbro and by siliciclastic rocks of the Harpoon Brook Belt which are part of the VLG. The Harpoon Brook Belt comprises mainly volcanogenic sandstone and siltstone, minor chert and red shale; the belt locally includes mafic and felsic volcanics. These rocks are intruded by gabbro, diorite and diabase interpreted to be probably Ordovician to Devonian that may, in part, be comagmatic with the VLG (Kean and



Map 2: Claims Location and Geology

Crisby-Whittle, L. V. J. (compiler) 2012: Bedrock geology dataset for the Island of Newfoundland. Newfoundland and Labrador Department of Natural Resources, Geological Survey, Open File NFLD/2616 version 7.0. Mineral Occurrence Source: Mineral Occurrence Database - Geological Survey, Department of Natural Resources Website: <http://www.gov.nl.ca/mines&en/geosurvey>

Highlights

- ✍ **New Copper-Zinc-Gold Discovery**
- ✍ **Host rocks similar to those at Duck Pond Mine and Lemarchant Deposit**
- ✍ **Potential for VMS type mineralization**
- ✍ **Assays up to .61% Cu, .16% Zn and 57 ppb Au**
- ✍ **Open along strike**

Jayasinghe, 1980).

Mineralization and Previous Work

Previous work in the area has been carried out by Inco Exploration in the early 1990's; a rock sample returned 0.33% Zn and 253 ppm Cu. Extensive exploration work was also undertaken by Paragon Minerals and Crosshair Exploration in the early 2000's while following up the discovery of the Golden Promise and other gold prospects in the VLG: soil samples returned up to 174 ppb Au (Map 2). Recent prospecting on the Island Pond Property, carried out by the present owners, has revealed anomalous copper, zinc and gold, hosted in felsic volcanic rocks and argillite which were previously unrecognized in regional mapping. The presence of altered and mineralized felsic volcanic rocks and sulphide-rich argillites, and their similarity to the ore horizon sequence at the nearby Duck Pond and Lemarchant deposit, has been verified by company geologists familiar with the local geology, and marks a potentially exciting new discovery. Inset Figure on Map 2 shows the relative spatial relationship between the graphitic/argillitic horizon and the massive sulphides at Duck Pond. Assays from soil sampling has revealed anomalous base metals and gold near, and along trend from the new Island Pond Cu-Zn-Au Showing.

Assays from outcrop have returned up to **0.61% Cu, 0.16% Zn, and 57 ppb Au; soil samples have returned up to 107 ppb Au and elevated base metals** (Map 2).

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Mineralization Model

The Duck Pond Mine, operated by Teck Resources Ltd. is located 8 km across strike eastwards in the VLG. The Duck Pond mineralized sequence contains the major elements of a classic volcanogenic exhalative massive sulphide (VMS) deposit. Resources for the Duck Pond and Boundary deposits can be seen on Teck's website. The Island Pond Property contains anomalous base metals hosted in similar rocks, and therefore has potential for economic VMS mineralization.

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