

# MINFILE Detail Report BC Geological Survey Ministry of Energy, Mines and Petroleum Resources

## Location/Identification

MINFILE Number: 093L 365 Name(s): LTDB046

LUND AND THOMPSON

Status: Showing Mining Division: Omineca

Electoral District: Bulkley Valley-Stikine

Regions: British Columbia Resource District: Skeena Stikine Forest District

093L022 **BCGS Map:** 093L04E **UTM Zone:** 09 (NAD 83) NTS Map: 54 10 56 N Latitude: 6004623 Northing: Longitude: 127 40 08 W **Easting:** 586862 903 metres Elevation:

Location Accuracy: Within 100M
Comments: Location of sample LTDB046 (Assessment Report 30454).

#### Mineral Occurrence

Commodities: Copper, Silver

Minerals Significant: Pyrrhotite, Bornite, Malachite

Associated: Calcite

Deposit Character: Disseminated, Vein, Stockwork

Classification: Porphyry, Hydrothermal, Epigenetic

Type: L01: Subvolcanic Cu-Ag-Au (As-Sb), L04: Porphyry Cu +/- Mo +/- Au

### Host Rock

Dominant Host Rock: Volcanic

Stratigraphic Age Group Formation Igneous/Metamorphic/Other

Lower Jurassic Hazelton Telkwa -----

Isotopic Age Dating Method Material Dated

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Lithology: Andesite, Andesitic Plagioclase Porphyry

#### **Geological Setting**

Tectonic Belt: Intermontane Physiographic Area: Hazelton Ranges

Terrane: Stikine

#### Inventory

Ore Zone: SAMPLE Year: 2008
Category: Assay/analysis Report On: N

Category: Assay/analysis Report On: N
NI 43-101: N

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Sample Type: Grab

**Commodity** Grade

Silver 51.8 grams per tonne

Copper 0.31 per cent

**Comments:** 

Reference: Assessment Report 30454.

## Capsule Geology

The LTDBO46 showing area is dominated by a thick succession of intermediate to felsic volcanic rocks of the Lower Jurassic Telkwa Formation. Greyish green to maroon rock andesite plagioclase porphyry with pyrrhotite, bornite and malachite contain calcite veinlets. A sample of this material assayed 0.31 per cent copper and 51.8 grams per tonne silver (Assessment Report 30454).

Refer to the nearby Umbrella showing for details of a common work history.

## **Bibliography**

EMPR ASS RPT \*30454, 32803, 33417 EMPR MAP 69-1

EMPR OF 1994-14 GSC BULL 270 GSC OF 351

Date Coded: 2015/05/07 Coded By: Garry J. Payie (GJP) Field Check: N

Date Revised: 2015/12/15 Revised By: Garry J. Payie (GJP) Field Check: