

LEGEND

Coherent rhyolite facies

- Aphyric rhyolite

Stratified volcanoclastic facies

- Sulfide-clast-bearing vitric aphyric and quartz-phyric rhyolite breccia (grain size: 2-4 mm)
- Sulfide-clast-bearing vitric aphyric and quartz-phyric rhyolite breccia (grain size: 4-16 mm)
- Sulfide-clast-bearing vitric aphyric and quartz-phyric rhyolite breccia (grain size: 16-64 mm)

Hydrothermal facies

- Semi-massive sulphide
- Stringer veining

Syn- to post-volcanic intrusions

- Aphyric basalt
- Coarse-grained to gabbroic basalt

Historic surface geology (August 1929)

- Felsic volcanic rock
- Massive sulphide
- Mafic volcanic rock

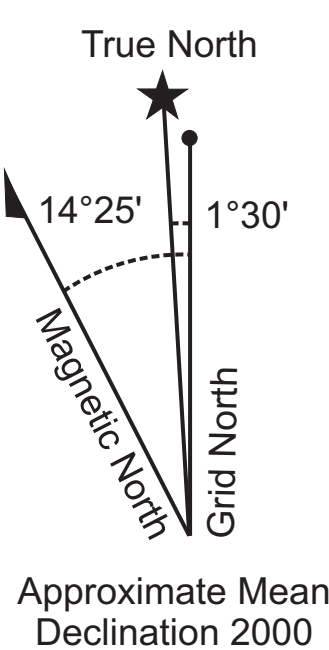
Stained outcrop

Lithological boundary

Lithological boundary (inferred)

Internal contact

Mapped by T. Monette and H. Gibson
(with field assistance by S. Stoltz)
2007-2008; the map also shows the
distribution of lithologies according to
a historical map dated August 1929



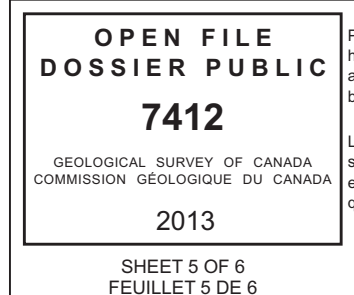
**TUNNEL ZONE AREA, HORNE BLOCK,
QUEBEC**



Zone 17
60 metre
Universal Transverse Mercator Grid
(WGS84)

Base map produced by a combination of
global positioning (typical accuracy: ±4 m)
and establishment of 1 by 1 m grids on
surface outcrops

Contribution to the Targeted Geoscience Initiative (TGI) 2005-2010



Sheet 5 of 6: TUNNEL ZONE AREA, HORNE BLOCK, QUEBEC

Recommended citation
Monette, T. and Gibson, H.L., 2013. Surface geology of the giant
Horne volcanic-hosted massive sulphide deposit, Rouyn-Noranda,
Quebec. Geological Survey of Canada, Open File 7412, 5 p. + 6 maps.
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