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LEGEND

Coherent rhyolite facies

- Aphyric rhyolite
- Xenolith-bearing aphyric rhyolite
- Microphyric rhyolite
- Columnar-jointing (side and top of column)
- Flow-banding
- Xenolith
- Perlite

Juvenile rhyolite breccia facies

- In situ polyhedral blocky-clast aphyric rhyolite breccia
- In situ polyhedral blocky-clast xenolith-bearing rhyolite breccia
- In situ splintery-clast and polyhedral blocky-clast aphyric rhyolite breccia
- Non-stratified splintery-clast aphyric rhyolite breccia
- Non-stratified polyhedral blocky-clast and slabby-clast aphyric rhyolite breccia
- Non-stratified polyhedral blocky-clast and slabby-clast xenolith-bearing rhyolite breccia
- Non-stratified splintery-clast and irregularly-shaped-clast rhyolite breccia
- Non-stratified sediment-matrix aphyric rhyolite breccia
- Non-stratified sediment-matrix microcrystalline rhyolite breccia

Stratified volcaniclastic facies

- Sulfide-clast-bearing quartz-phyric rhyolite sandstone
- Sulfide-clast-bearing quartz-phyric rhyolite breccia (grain size: 4-16 mm)
- Sulfide-clast-bearing quartz-phyric rhyolite breccia (grain size: 16-64 mm)
- Sulfide-clast-bearing quartz-phyric rhyolite breccia (grain size: >64 mm)
- Fine lithic sandstone
- Fine lithic sandstone with breccia bed (grain size: 4-16 mm)
- Pr Out-of-size clast (projectile)
- Sulfide-clast-bearing lithic sandstone
- Sulfide-clast-bearing lithic breccia (grain size: 2-4 mm)
- Sulfide-clast-bearing lithic breccia (grain size: 4-16 mm)
- Chlorite-wisp-bearing lithic sandstone
- Chlorite-wisp-bearing lithic breccia (grain size: 2-4 mm)
- Chlorite-wisp-bearing lithic breccia (grain size: 4-16 mm)
- Chlorite-wisp-bearing lithic breccia (grain size: 16-64 mm)
- Chlorite-wisp-bearing lithic breccia (grain size: >64 mm)
- Polymict curviplanar-clast and flow-banded-clast rhyolite breccia (grain size: >64 mm)
- Polymict lithic-pumice breccia (grain size: 16-64 mm)
- Polymict lithic-pumice breccia (grain size: >64 mm)

Hydrothermal facies

- Stringer veining

Syn- to post-volcanic intrusions

- Aphyric basalt

- Stained outcrop
- Lithological boundary
- Lithological boundary (inferred)
- Internal contact
- Fault
- 80° Inclined contact
- 80° Inclined strata
- Section line

Canada

Mapped by T. Monecke and H. Gibson (with field assistance by S. Stotze, M. Hocking, and J. Laurin; sand-blasting supervised by J. Goutier), 2006-2008

Approximate Mean Declination 2000

HORNE WEST AREA, HORNE BLOCK, QUEBEC

Metres 10 0 10 20 30 40

Zone 17
50 metre
Universal Transverse Mercador 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

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Sheet 2 of 6: HORNE WEST AREA, HORNE BLOCK, QUEBEC

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