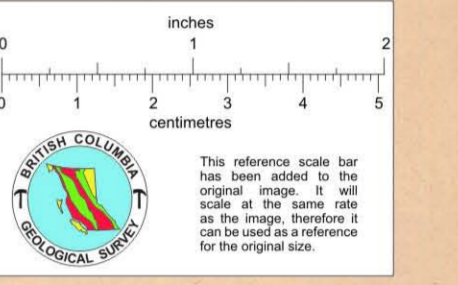


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SHEET 1
1992

TRUE NORTH

GRID NORTH
1'48"



7. Tuffaceous Sandstones, Coarse Ash and Lithic Tuff, Igneousite.

- Hydrothermal Breccia
- Limit of hydrothermal brecciation
- Limit of silicification
- Breccia vein
- Regional mapping sample location
- Regional mapping station location

Ootso Lake Fm - Eocene

- 6. Quartz-epidote dyke intrusions. Occurs within about 5 m but distinguished by up to 10% staurolite, commonly abundant quartz phenocrysts (1-2 mm) and up to 20% euhedral feldspar (orthoclase?) phenocrysts.
- 5. Feldspar Quartz (to 3m) Intrusion. Coarse grained (to 3m) gray/mauve with up to 60% euhedral feldspars (orthoclase?), occasionally twinned, and up to 10% quartz phenocrysts (generally absent).
- 4. Rhyolitic Flows. Maroon, commonly flow-banded with spherulitic texture marking flow layering. Staurolite, cordierite, quartz, 5% irregular quartz crystals.
- 3. Basaltic Volcaniclastics.
 - a) Lithic Crystal Tuff. Gray/mauve with irregularly shaped, angular, 25% lithic clasts up to 10% quartz phenocrysts. Possible calcic plagioclase crystals or pellets for detrit.
 - b) Ash Tuff. Green/mauve, aphanitic with up to 20% micro-spherulites.
 - c) Crystal Tuff / Lithic Crystal Tuff. Gray to maroon in colour, characterized by a rounded feldspar phenocryst assemblage with up to 30% euhedral feldspar (sanidine?) 1-3mm and 10% broken quartz phenocrysts.
- 2. Volcaniclastics/Sediments.
 - a) Rhyolitic Tuff. Pale green to grey ash-tuff, locally cherty, up to 20% cc of detrital fragments.
 - b) Siltstone/Argillaceous Sediments. Gray to black fine grained siltstones.
- 1. Boulder Conglomerate. Tuffaceous matrix supported with up to 20% well rounded granitic to gneissic clasts from 5cm to 0.5m diameter. 10% angular andesitic mineral clasts. Locally a bit of granodioritic clasts but content increases downward in sequence.

Tulle Group - Upper Jurassic

- UJ1 - Argillite, Siltstone, Greywacke. Dark gray to black argillite, siltstone, minor greywacke. Argillite thin, laminated locally with fine euhedral pyrite cubes. Greywacke usually calcareous locally. Locally weakly magnetic.
- UJ2 - Diorite. Dark gray to black, locally magmatic.

CONTOUR INTERVAL 10m
SCALE 1:5000

Nov 17, 1992