

MT. WASHINGTON PROJECT

GEOLOGY

WEST-GRID TRENCHES

ROCK UNITS

**1** FELSIC INTRUSIVE (GRANODIORITE - DACITE?)

Fine to medium grained, porphyritic to equigranular. Light grey, grey-green or yellow-grey. Weak to moderate silicification accompanied by; weak magnetic response due to pyrrhotite; pyrite and minor chalcopyrite. Intense silicification and sericitization imparts massive aphanitic to saccharoidal texture.

**2** TUFFACEOUS SEDIMENTS

Fine grained, commonly foliated. Drab olive brown to dark grey with blackish discontinuous laminations. Pale green-grey to greyish white when intensely silicified.

**3** BANDED SILTSTONE - FELSIC TUFF (?)

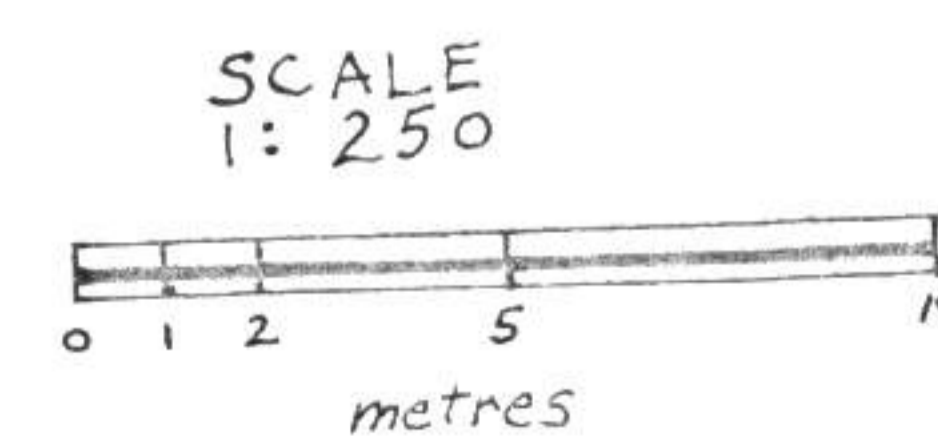
Fine grained to aphanitic, well indurated. Massive to well jointed with subchondoidal fracture. Predominantly pale greyish white to green grey.

SYMBOLS

- Contact: defined, approximate, assumed
- Strike and dip of beds
- Strike and dip of foliation
- Strike and dip of joint
- Fault: observed, assumed
- Shear zone
- Multiple fracture sets
- Sulphide-coated fractures
- Quartz veinlets; barren, containing sulphides, showing dip.
- Brecciated rock
- Vuggy quartz
- Intense mineralization
- Intense mineralization with vuggy quartz.
- +16S 21.5W Soil sample location
- Road
- Trench

- Py : Pyrite  
 Cpy : Chalcopyrite  
 As : Arsenopyrite  
 Gn : Galena  
 Sp : Sphalerite  
 Bp : Bornite  
 Pp : Pyrrhotite  
 W.S. : Weak silicification - original textures visible.  
 M.S. : Moderate silicification (pervasive sericitization) textures obliterated  
 I.S. : Intense silicification - vuggy quartz, pervasive to massive mineralization.

ASSAY RESULTS ----- Au oz/ton; Ag oz/ton  
 Ft



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