



GEOLOGY

- ALTERATION - in Metsantan feldspar porphyry (latite) flows**
- Quartz-epidote ± kaolinite, dickite, pyrophyllite?; in places hematite stained purple-red with fluidized breccia textures
 - Clay alteration: illite (a.k.a. 'sericite') + chlorite, smectite (montmorillonite)
- DYKES**
- Hornblende feldspar porphyry (monzonite/quartz monzonite): chloritized hornblende and equant plagioclase (pink hematitic albization), rare fine grained biotite and quartz grains, epidote common
 - Quartz monzonite: equigranular, medium grained 'crowded' with ~ 1 mm equant to weakly porphyritic plagioclase, interstitial mafics (hornblende + biotite?) and fine grained quartz
 - Syenite/monzonite: brick red with fine grained hornblende laths and biotite (-5-8%), equant plagioclase phenocrysts (-10%) in very fine grained cryptocrystalline groundmass
- STOCKS**
- Quartz monzonite/granodiorite: pale grey to pink, medium to coarse grained with biotite and hornblende, part of Black Lake intrusive suite
- TOODOGGONE VOLCANICS**
- Metsantan Member: volcanic flows with 20 to 30% generally pink albized and hematitic plagioclase phenocrysts with strongly chloritized hornblende and pyroxene?; scattered small biotite and occasional quartz grains. Rare but characteristic vitreous euhedral orthoclase crystals to 1 cm in size. Dacitic ashflows: pink, pale weathering quartz-rich crystal ash tufts. Quartz veins are common as interstitial; sinuous networks. Unit includes bluish quartz grains to 3 mm. Includes dykes? With aphanitic matrix biotite-K feldspar-quartz
 - Duncan Member: monomictic clast ashflows, plagioclase-phyric fragments in similar crystal ash matrix, locally well compacted with aligned clasts in eutaxitic fabric
- TAKLA**
- Pyroxene basalt: coarse grained porphyritic augite basalt in dark green, well jointed massive outcrops
- SYMBOLS**
- Geological contacts: known, inferred
 - Unconformity
 - Trenches
 - GPS mapping station 'waypoints'
 - Small scale faults
 - Major faults
 - Roads
 - Elevation points
 - DDH collars and trace
 - Claim posts

UTM Zone 9 - NAD 83
Scale 1:10 000
0 250 500 1000
Meters

Canasil Resources Inc.

Brenda Gold-Copper Property

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