

"GOAT" ROCK UNITS(A) Inklin Fm.

- 1) siltstone - massive to thinly bedded (mm scale)
 - beds up to 5 mm thick
 - weathers dark grey to orange brown
 - interbedded with argillite
 - locally pyritic

- 2) argillite - massive to extensively fractured & friable
 - generally thinner beds than slst.
 - dark grey to blackish
 - included within dykes

- 3) crystalline & crystal-litic tuff (?) - greenish, massive
 - Feldspar crystal fragments
 - local lithic fragments
 - qtz grains are common
 - generally fine-grained
 - siliceous & hard

(v) Quartz-feldspar porphyry:

- Qtz + Fd phenocrysts up to 3 mm long
- commonly kaolinized to a light grey to white rock
- fgs to mgr
- locally disseminated pyrite
- intrudes the Inklin sed.
 - intrusive contact just north of Yeth Creek.
 - & up to Creek
- forms jagged peaks

QZ-FD dykes:

- probably related to QZ-FS ϕ
- mgr to fgs
- commonly altered
- folded, truncated & sheared
- intrude Inklin discordantly to semi-concordantly

(-) Breccia:

- intrusive breccia
- abundant float in N. Creek
- large block ~ 35 m wide by 85 m long within dark intrusion on Yeth Cr. cliff face
- as veins & dykes cutting QZ-FS dykes & qtz-fs ϕ
- composition is extremely variable
 - arg. frags
 - qtz-fs ϕ frags
 - qtz-fs frags
 - matrix is dominantly qtz-fs, weathers light brown to light grey
 - complete variation in matrix from ~~siliceous~~ argillaceous to granitic
- size of frags varies
 - from < 1 cm to > 1 m
- frags are angular to subrounded
- pyrite ~~content~~ is commonly disseminated throughout the rock

(A) Peridotite / Dunite:

- weathers - orange - brown
- serpentinite pods or patches
- massive
- mgrs, hard
- forms knobby outcrops










(E) Serpentinite:

- weathers - grey
- greenish
- located along fault zones
- abundant seep. gravel throughout the claim, some of which had flowed down the mtn-side

(v) Orange-brown altered zones:

- extensively altered
- either silts or altered tuff
- pyritic

LEGEND FOR GOAT CLAIMS

-  Inklin sediments - siltstone, argillite, shale
-  Inklin sed. - tuff (?), greenish, massive, Fs crystal fragments
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-  Intrusive breccia - composed of QZ-Fs ϕ , ang. frags, angular frags, as a block within ^{margin} _{intrusive}
-  Intrusion - dark brown
-  QZ-Fs ϕ - commonly kaolinized, mgs
-  Peridotite/dunite
-  Serpentinite in outcrop
-  Serpentinite gravel