

DB#43:

842515 Aug. 28/82

Location: Sullahine River, Unit A

Weather: fog & rain

Δ DB271-379:

bedding (?): 305/40 \swarrow 40

- cgl consisting of mgf, diorite
to granodiorite clasts

- fgr^{meta-} sandstone above cgl

cgl - subrounded clasts

- clasts < 5 cm long

- massive matrix or
metamorphosed

DB271-379

%

- rusty patch in cgl/sst unit

- < 2% disseminated py

- mgf sst with granitic pebbles

bedding: 320/45 NE
- cgl probably lies unconformably
on Unit A

ADB-379a

bedding: 100/45 SW

(DB-379a) hand spec

- finely laminated
- siliceous rx
- siltstone with flow banding

- weathers - creamy grey

- fresh - grey

- aphanitic

- spherical pin head size
features

- flow rx (or tuff?)

- folded (possibly primary)

- appears to lie unconformably
on Unit A as does
the cgl

Δ DB2T1-380:

- gossan where monzonite intrudes Unit A gabbro
- Unit A - mgr, gabbro
 - massive to weakly foliated
 - abundant ep/ch alteration
 - dark green to black

monzonite - weathers rusty brown

- fresh - grey
- mgr & massive
- fs & hr phenocrysts
- very weak clay alteration

- locally fractured with ch/ep filling cracks
- propylitic alteration
- pink K-spar along & adjacent to some fractures
- K-spar alteration (?)

(DB271-380) %

- pyrite $\leq 2\%$
- rusty brown
- siliceous, altered rx
- from gossan

SUMMARY:

Unit A is essentially undeformed. There are minor shear zones & a weak foliation, locally. It is intruded by Cret-Tert. monzonite sills, dykes & stock. The contact is sharp & intrusive.

Around A 579 there is a gray, metamorphosed granitic pebbles & boulders cgl. presumably deposited unconformably on Unit A.

The H₂O monzonite is rusty brown locally with minor pyrite.

