

DB #3

Sat., June 12

GOAT Claim

- weather: cloudy, isolated showers
- day 3 of fly camp
- at head of Ni Creek with Franz

840629

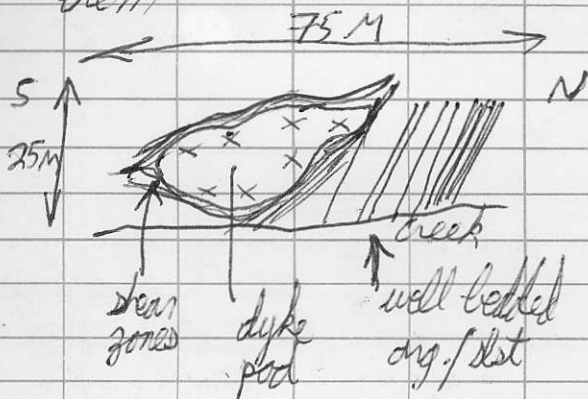
△ DB2T1-27:

DB2T1-27 QZ-F5 dyke or gill

- ~~includes~~ Inklin sed
- weakly pyritic
- weathers orange-brown
- altered f
- ^{rare} - isolated laminar calcite lenses
- angular, fractured blocks on dyke

- looking W across ^{Ni} creek:
 - thinly bedded to 2 M beds of Inklin shale & siltstone
 - strike & dip varies greatly

- discontinuous orange-brown dykes & dyke pods with shear zones surrounding them



DB2T1-28:

- Hk of dyke, massive, hard

- * DB2T1-28 Hk of
- silver coloured sulfide blk
 - ~~sulfite~~ (?) arsenic, te
 - frag, weathers brownish grey

- around is dominantly QZ-Fs sill or dyke ± Inklin sed

- The ϕ dyke may continue to the NW across Ni Creek, N of the NW tributary. The dyke is > 15 m thick.

△ DB21-29:

DB21-29 qtz rich siltstone

- massive, weathered-brownish
- local arg/shale around it

- may be confused with QZ-FS dyke from a distance
- in discontinuous patches, like dyke too, probably due to deformation
- float of massive pyrite \pm minor chalc(?) (4 cm piece), also pyrite rich QZ-FS ϕ

DB2T1-30 FLOAT

- 32-Fs rocks with disseminated blobs of pyrite up to 3mm long & py along veinlets.
- fresh - pale grey
- weather - orange-brown
- some float is talinitized? & pyritic
- float must have come from within 150 m of the Δ

Δ DB2T1-31!

- well bedded grey slt/arg.
- beds up to 30 cm thick
- DB2T1-31 hand sample \rightarrow fgs siltstone
- finely bedded
- chip sample \rightarrow dominantly dark grey arg.

Bedding: $\frac{70}{30} 265$

265/70.NW

Δ DB2T1-32.

DB2T1-32 FS & dyke

- mgf
- fresh - grey
- weather - dark brownish grey
- dyke cuts Inclined arg/slat
- locally, semi-concordant to bedding
- dyke > 20 m thick
- numerous dykes, sub-parallel to each other
- & bedding
- slat/arg between dykes

△ DB2T1-33:

DB2T1-33 gray siltstone

- fine interbeds of arg
- siliceous
- massive to thinly bedded
- weathers - rusty brown.

- adjacent to QZ-Fo dikes
as at △ 32

- some seds included within
dikes

- dikes are fractured

excellent bedding.

285 / 77

285/77 NW

* Sample BB maybe labelled B4
to no △ 34

△ DB2T1-34:

DB2T1-34 grey siltstone
- fgs, thinly bedded
- trace py

DB2T1-35 pebbly sandstone
- qtz veinlets < 5 mm locally
- py common, some SPH
- fresh grey
- weathers - brownish
- some rusty spots over gran
- effervesce under HCl
- fossil pieces

- mineralized
with calcite
veining

soil sample FW-27

- sedr cut by altered
Fd-d dyke

rock sample DB-36

approximate bedding: (?)

→ $\begin{matrix} 50 \\ \swarrow \\ 340 \end{matrix}$

340/50 NE

△ DB271-37:

DB271-37 altered F₅ of dyke

- ridge from △ 36 to △ 37 is F₅ of dyke
- weathers dark brownish grey
- cliff face to the E is semi-concordant, brownish orange dykes within Infilin siltstone/arg
- locally dykes + sed are folded
- large bend in 3 dykes each ~ 10 m thick just above △ 37



- dark layers are shale/arg
- silt is brownish as are the dykes
- bedding is generally the same.

40
110

110/40 NE

- reds dominate from Δ 37 elevation down towards Ni creek in the 2 gullies to the south
- dykes + reds increase towards the top of the section above these 2 southern most gullies
- near the top there is a mixture of dykes + reds

[FW-28] soil

△ DB2T1-38:

DB2T1-38 grey siltstone

- bedded Inkling slst
at campsite

Trav #3: Summary

TRAV #3 - Summary

June 12

△ 27 → 38

Walked around Nickel Creek after being dropped-off by helicopter. Chip sampled QZ-FS dykes or sills & Inklin sed. along Ni Cr. & along the eastern trending gullies.

Some dyke blocks have shear zones completely surrounding them.

At △ 28 massive Al-porphry dyke cross-out. It weathers dark brownish grey & is fine-grained. QZ-FS sills/dykes ± Inklin sed. ~~dominant~~ are cut by the th dyke.

The argillite beds tend to be more continuous & better bedded ~~at~~ over 100's of m. This is ~~due~~ because the more competent & massive siltstone beds & QZ-FS dykes have deformed more brittly & thus been broken into discontinuous blocks & beds.

Float ^{is} below △ 29 of massive pyrite ± minor chalc., also pyrite rich dyke material. Some float is kaolinitized & pyrite rich.

△ 34 is grey siltstone & pebbly siltstone/sandstone. pyrite is disseminated throughout & concentrated around & in argillite cherts. The sed. are cut by QZ-FS dykes.

Chip sample of fresh Inklin siltstone at fly campsite was taken (△ 38).