

SRM 15

0-23 CASING

23-78 - Dacite tuff - v finely
banded w/ (menulations. Very
little interstitial S² but some
py in patches. Extremely sheared
- schistose

78 Dacitic tuff - not finely banded.
more chloritic, more sheared
than above. More diss S²
up to 2%
81 Sulfide patches
Sulfides more in bands than
- stringers
Strong py at 126

127 Qtz eye rhyolite - extremely
siliceous. Very little dissem
S². Small 1/5 cm qtz ovoids
in fg tuff mtr
127-129. Fault gouge
Core v soft. Good argill
- pyritic bands

Mt. Sicker Notes

93B/13 827346

145-146

Fault gouge

146

Slightly more chloritic

dacite tuff, more diss S²
(1-2-2%) no-pow qtz ovoids

Sometimes has tuffaceous -

fg frag look. - def frag - tuffaceous

Sometimes has qtz eyes, ↑ →
chl-py at 178

197

Fault gouge - STRONG

197

Quartz eye rhy - xll

tuff Small 1/2 m qtz ovoids
and fsp xlls - v acid

mtx. Sometimes odd

- lithic frag, good S² diss

though prob less than above.

226 chl shear

233 Fault gouge

237 Fault gouge

245 Heavy py-chl

268 chl-py

Zones up to 2" wide
black chl c
bands diss, str
py + trcp. Cucl
be with spread string

Lots qtz eyes but fairly small

1-2m up to 5-10% Still

some diss S²

Slightly more chloritic 268-276.

282. py-cp - py: pseudo bands

cp - xerthy stringers

Amount of quartz decreasing 287 →

short 1" bands py 307

310

Rhy-Dac Tuff - less qtz eyes < 5%

still some xll component

op stringer 329 no chl

becoming more chloritic

hilli sized 343 Also add lithic

frag. / 370 - becoming more chl in chl

veinlets some more lithic frags Not

yet a RLT.

380

Rhyolite Tuff - some few lap

sized frags + some qtz eyes 1%

chl in patches + stringers in py+cp

chl-py-cp - 399

chl 14cp 375

" 443

chl-py-cp (qtz) 38 - 440

450

Rhy Tuff - becoming more

massive still in odd lap.

+ qtz eyes / cherty frags

heavy chl-py at 498'

py - qtz in 500'

py - chl in cp 536'

540

Mass Rhy ~~in~~ in odd lap

or QE Very silice

lavage at 551

575 -

Becoming more QER.

582

+ almost QFP

QF

py - qtz 580

620 -

py - qtz cp Pass strat

Slightly chert

622

QFP as in top

of SRM 18.

Nugget Cl. core

SRM18

- 53 Qtz porph - ser schist Qeyes
5-10%. Extremely schistose in clast
- remob 5% up to 1%. Pot fsp
Qp. porph but fsp → ser. Intense
slowed pass alt
92 - F gouge. (Mios)
98. Heavy S² - 10% py / 6" t.c.p
Contact ruled by ↑ S²
- 112 - Slightly more chloritic - msp. ^{grades}
Few qeyes. prob. dacitic
tuff / volcanic / volcanoclastic frags
well as tal. fia. Some cliss 7/1
but less than Qp. Some
faint hints of babbly or babbly
beds. Overall messy granit
col/text
F gouge at 145 (Mios displacement)
Becoming more fragmented (lgr) looking
out 180. Still or few qts eyes
212 Good cp striations / 2"

220. Sin to above but = broken
soft tal. beds (225') - more
tuffaceous nature. Still
and tuff-flav. qtz even - places. Some
hint of vesicles also (237, 238)
= S² filling. Quite alt
= talc-cl. Not as much ser
Notes shared as QP at top
277 Pushy fault gouge
Could it be all vesic?
- 289 Contact - marked by mod
bedded cherty - qtzose - pyrite
until Pos?? ex.??? Banded
Ext? py over. 3' in chert + qtz. Still
shaded very sericitic
- 292 - R. Vesicular or tuffaceous QER
more acidic (rhy + dac), ~~more~~
filling? is qtz + py Qk silicic
is placed with bands
pyrite throughout Vesicles + cliss
S² up to 1% of rock
light colour in qtz exp.

pyrite band at 307

310

More chl-talc, more massive
few S²⁺, almost no vesicles

Mess
tuff / tuff
and

Broken banded look at

318-328 with dark gray

more chl-bands/beds. Still extremely
sheared

328

Becoming very fragmental looking
in light side. clasts up to
1-2cm - size. Not banded looking
but frags sim comp to. chl
bands still odd of oval Qtz,
very fractured some Q eyes
Still lots S²⁺ diss + some
in narrow bands.

344-347 DIABASE dyke

347

As above fragmental becoming
more felsic. Could be

QER Qtz eye myolite tuff still
w diss S²⁺

372-375 Good S²⁺ bands Not
likely a horizontal layer.

392-400 V intense fault gouge
(shear) with 10-15% S²⁺

396 - possibly
Dusty material

(all py) at 396 No
recovery 396-400 Still
strongly gouged to 410

410

Slightly more mafic looking
becoming better banded
in fine bands still with
some Qtz eyes, though small
Banding very exhumated No-
few. diss S²⁺

Dacitic
tuff

425

Becoming more chloritic w
S²⁺ - chlorite shows essentially
just py. No diss S²⁺ still
exhumated fine banding still
some Qtz eyes throughout
Distinct lack of diss or
"vesic" type sulphides still
a very acidic rock w
Qtz eyes. Becoming

Fine
bedded
Dacitic
tuff

more intensely sheared and
chl altered

471-484 - Vstron fault gouge
V poor recovery Quite
acidic

484-490 Rhy ~~top~~ tuff - w quartz

490-505 Acidic Rhy Dec lap
tuff. Distinct lack
of S^(diss) compared to upper
part of hole

496 - Queen
503 band

SRM 18.

Hole a good pile of very
acidic tuffs from 100 down.

Most of hole has fine tuff S⁼ or
vesic S⁼ (tuff), quartz eyes (ves fill)

S⁼ drop off dramatically at
400' 112-505 - Good p.t.

of QER, ~~Rhy~~ acid rhy tuffs

vv fr. generally some coarse

lapilli size sections

whole hole extremely

sheared

Good fault
sequence

