

Lithology I

x = Oil Log

45-36

✓ 2820' - flow, folded rhyolite dome
2840

✓ 2840 - 2858' dacite

✓ 2858' - rhyolite
3145'

✓ 3145' - 3307' pyroclastic / ash flow
chlorite/smectite altered +
poorly to moderately welded

gtz question
on logging =>
is gtz.

✓ 3307' - 3321' andesite / dacite flow +

✓ 3321' - 3392' pyroclastic / ash flow +

✓ 3392' - 3630' andesite
w/ hydrothermal breccia x

✓ 3630' - 3658' dacite flow +

✓ 3659' - 3696' dacite flow } 3693' - 3696' dike
+

✓ 3696' - 3761' hydro. breccia
basalt or andesite +

✓ ~~3704'~~ 3704' - 3775' dike of dacite
w/ flow folding } double check w/ Joe, thin sections +

3775' - 3786' hydro. breccia +

✓ 3786' - 3893' dacite flow +

Lithology II

3893' - 3904'

inter flow sed. conglomerate
flow top @ 3904'

x

✓ 3904' - 3933'

dacite or
andesite flow

x

3933' - 3945'

lahar flow

x

✓ 3945' - 4000'

dacite flow

x

45-36?

JNM comments
foot rock type

100 andesite

360 dacite

480 dacite

600 dacite

850 tuff ?

870 basaltic cinders

1000 basaltic andesite

1100 basaltic andesite

1230 andesite

1410 andesite

1470 andesite

1620 tuff

1780 tuff

1860 basaltic andesite

1940 basaltic andesite

1990 basaltic andesite

2060 basalt

2140 basalt

2200 basalt

2350 basaltic tuff-lapilli tuff

2390 basalt flow interior coarse gr.

2420 basalt devitrified glassy top

2620 rhyolite flow (hydrothermally brecciated)

2750 rhyolite flow (minor hydrothermally brecciated)

2780 rhyolite flow (minor hydrothermally brecciated)

2880 rhyolite

3000 rhyolite

3020 rhyolite

3100 rhyolite (hydrothermally brecciated)

3220 rhyolite ash-flow tuff (poorly welded)

3320 dacite

3380 rhyolite ash-flow tuff (poorly welded)

3430 dacite flow

3520 andesite

3720 dacite

3 dike?