

Checked against partial computer log saved on
Flash Drive used to construct Thesis Figures. 12/08

D.S. = 2
O.S. = 1
S.S. = 2

WELL
56-3

Box 1
205' - 214'

0'
+
205'

No Return

sparsely vesicular flow banded
andesite flow

sample 211'

211' vein dipping 75° fully mineralized

285' -
302

Clay altered zone
mostly rubble

406'

Cinder + Ash photo

460'

vesicular basalt breccia w/ cinder/ash

500

tuffs and breccia possible debris flow

620

vesicular basalt breccia w/ clay alt
ash + breccia photo debris flow

660

vesicular basalt sample
absolutely no amygdal / vesicle
filling

713

highly vesicular basalt grades into
dense sparsely vesicular basalt

725

grading back into highly vesicular
basalt. Vesicles 1mm to 1cm
No filling

731

vesicular basalt fractured in jig saw
puzzle texture, fractures filled with
clay/carbonate
possible hydro fracture? photo
vesicles only slightly filled w/ calcite

~~735~~

737'

vesicular basalt
dip 86° strike slip, somewhat oblique
chlorite + clay mineral surface

774

vesicular basalt
vesicles now slightly filled and
zeolite veins, calcite filling present
zone in hydrofractured

775

sample zeolites

785-800

highly vesicular basalt
hydrofractured and rubblized
no vesicle / amygdale filling

876

vesicular basalt
chlorite surface
dip 75° dip slip

910'-920

vesicular basalt grading into
clay altered soft muddy rock

1917

photo

920-935

clay alt basalt - sparsely vesicular

935

mud flow - ~~clast~~ matrix supported
clast of vesic. basalt + basalt/andesite
poorly sorted, sub angular
clast range in size from 5mm to
15cm.

948-956

mud flow - hematite stained
orange-grey color
clasts finer than before

956'-
965' dense basalt/andesite flow
some calcite veins

990 basalt/andesite flow some
bladed calcite in veins and
amygdules - amygdules 30% filled
with calcite, quartz, zirconite

994

sample

1079'-
1130'

clay altered vesicular basalt
amygdules partially filled (20-50%)
large bladed calcite in vugs

1115.5'

fracture
pair

clay altered vesic basalt/andesite
clay surface w/ hematite & pyrite?
dip 50° strike slip

1115'

dip 75° dip slip

- 1130' - basalt/andesite breccia
1140' - bladed calcite in vugs
1140' - vesicular basalt/and breccia
large vugs filled w/ zeolite, gte, calcite
1146' vug photo
- 1150' vesicles have little or no fill
vesicular basalt
clay surface
dip 64° oblique slip
- 1241 Andesite flow - sparsely vesicular
bladed calcite and quartz
50% vesicles filled
- 1245 clay altered vesicular andesite
Tuff?
Scoria
- 1325 clay altered vesicular andesite
vesicles 30% filled w/ calcite
+ quartz

1340 fracture 38° clay alt andesite
no dip indicators

1350 Andesite flow


1404 - debris flow, gray to white
1436 Chalky texture, soft with clasts


1439 fracture 50° dip andesite

1441 - pyroclastic breccia - tuff + scoria
-1634

1634 dense andesite flow, no vesicles

1645 fracture 70° dip andesite
1650 Ash + pumice scoria

1670'  hydro fract rhyolite flow

1675'  brecciated rhyolite, possible
fault zone

1685' andesite flow, vesicular
10% ~~mineral~~ mineral filling calcite

1710' hydrofac andesite flow
1725' tuffs fine ash w/ pumice

1788'
↓
TD