

LITHOLOGIC LOG

Project: McCoyHole: ~~McCoy~~
26-8864-78Elevation: 5760Date Drilled: 2/21/83Location: NWSWS8T22NR40EMethod: air/mud/rotaryGeologist: Bill Huntsman

Gamma: _____

| Depth (m) | Description |
|------------------------|--|
| 0- 20 0 - 6 | Ash fall tuffs - Medium reddish brown gray, hard, very fine grained, minor argillic alteration, minor quartz grains and ash rich in SiO ₂ . |
| 20-60 6-18.2 | Crystal lithic ash flow tuffs - Pinkish gray, crystal fragments of sanidine, minor quartz. |
| 60-100 18.2-30.4 | Ash fall tuffs - Light gray white, minor welded tuff as above, very fine grained. |
| 100-140 30.4-42.7 | Crystal lithic ash flow tuffs - Light white, abundant quartz, specks of biotite, possible glass shards. |
| 140-200 42.7-60.9 | Crystal lithic ash flow tuffs - Light gray white, very coarse, abundant quartz, minor material from the flow (sand and small gravels), trace sanidine. |
| 200-250 60.9-76.2 | Crystal lithic ash flow tuffs - As above with minor biotite, sanidine, abundant quartz, trace of a dirty looking mineral. |
| 250-290 76.2-88.4 | Crystal lithic tuffs - Light gray, moderate quartz, minor biotite, possible minor chloride in a thin zone, trace hematite and minor alteration around some biotite flakes. |
| 290-340 88.4-103.6 | Crystal lithic tuffs - As above, very dirty gray. |
| 340-410 103.6-125 | Welded Ash flow tuffs - Dirty gray, minor sanidine, quartz and biotite (340-410 lost circulation, no samples). |
| 410-480 125-146.3 | Welded ash fall - Light pink gray and red brown, minor biotite, minor quartz, minor light green ash fall, very fine grained, slightly softer formation. |
| 480-510 146.3-155.5 | Welded ash fall tuffs - As above, variety of colors and layers, some slightly harder than others. |

LITHOLOGIC LOG

Project: McCoy

Hole: 26-8

Elevation: _____

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Geologist: _____

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| Depth (m) | Description |
|-------------------------|--|
| 510-520 155.5-158.5 | Welded ash fall tuffs - As above with light pink hard Quartz Zones. |
| 520-760 158.5-231.7 | Welded crystal-lithic latite tuff - Light gray to pale pink, crystals of plagioclase, minor k-spar and quartz, rare biotite and magnetite, crystals 5-15% of sample, 5% lithic fragments of aphanitic flow rock and possibly some siltstone, small hematite stained fractures, minor color variations with depth. |
| 760-1002 231.7-305.5 | Limestones and siltstones - Dark gray bedded limestones and interbedded siltstones, numerous white calcite veins with some clear euhedral crystals, red hematite clays along some fractures at 760'-770' and 880'-890', rock fractured and caving problems 980'-1002', 3 inch core taken from 866'-873' has thinly bedded limestone (0.5-5cm) with numerous white calcite veins, many paralleling bedding planes and dipping 50°-60° from bore hole. |