

Alan

LITHOLOGIC LOG

Project: McCoy

Hole: 14-7a

Elevation: 4560

Date Drilled: May 25, 1980

Location: SW 1/4 NW 1/4 Sec.7, T22N, R40E

Method: Rotary air-mud

Geologist: Jim Gross

Gamma: NA

Depth (m)	Description
0 - 30'	No samples taken; alluvium; silt, sand & gravel; probable weathering zone on bedrock sfc. Gradational hardening of formation makes exact depth of rock-alluvial contact uncertain.
30-40'	Lt-dk olive gray limestone, no visible detrital or xtl grains 1-2% white + yellow calcite. Possible accessory cinnabar
40-50'	same
50-60'	same
60-70'	same
70-80'	Same, some ls breccia noted w/calcite cement.
80-90'	Same, white calcite veins in a few chips
90-100'	Same, 1 piece clear anhedral qtz? (harder than steel) Some brecciated ls with very fine black mineral. Black mineral also noted as dendritic coatings on some chips
100-110'	Same, some brecciated ls
110-120	Same, 1 solitary coral noted
120-130'	same
130-140'	same
140-150'	Same, some crinoid columns
150-160'	Same, brachiopod debris
160-170'	same
170-180'	same
180-190'	same
190-200'	Same, pyrite replacement of fossil debris
200-210'	same, pyrite
210-220'	same
220-230	same Contact

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Date Drilled: \_\_\_\_\_

Location: \_\_\_\_\_

Method: \_\_\_\_\_

Geologist: \_\_\_\_\_

Gamma: \_\_\_\_\_

Depth (m)	Description
230-240'	Congl. as below, greenish mineral amazonite? (only 1 chip) minor gray clay 1% pyrite. Beginning of cherty conglomerate.
240-250'	Light gray to black conglomerate with calcite cement. Clasts appear to be siliceous i.e. siltite or similar.
250-260'	Same, some whitish to clear (chalcedony) qtz. anhedral
260-270'	same
270-280'	same
280-290'	Same, also red chert some of which is cement between gray-black clasts. White siliceous veins, no calcite cement at all
290-300'	Continued siliceous congl. bed, but now 90% dark reddish brown chert.
300-310'	50% dk reddish brown, 50% gray-black congl.
310-320'	same as 300-310': congl.
320-330'	same
330-340'	same, pyrite (all med gray color, no red)
340-350'	same
350-360'	same, pyrite
360-370'	same
370-380'	same
380-390'	same
390-400'	same
400' T.D.	Lost circulation, no samples