

Borehole ID NC-EWDP-1D

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Borehole Location/Coordinates \_\_\_\_\_

Elevation: Kelly Bushing \_\_\_\_\_ Datum Used \_\_\_\_\_

Ground Surface \_\_\_\_\_ Platform Elevation \_\_\_\_\_

Drilling Equipment/Method: CS 1500

Sampling Equipment/Method: HQ

Start Date/Time: 12-2-98, 0930

Finish Date/Time: \_\_\_\_\_

Drilling Contractor/Driller: BOYLES BROS / BOB MALLARD

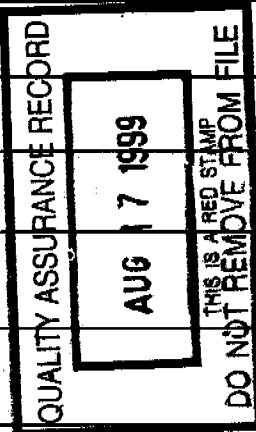
Hole Size: HQ

Static Groundwater Depth/Date: \_\_\_\_\_

Core Size: HQ (HWD3)

Casing Record: \_\_\_\_\_

DRILLED WITH AIR



1308

ELEVATION (Feet)	DEPTH (Feet)	RECOVERY Feet/Feet/%	TOP/BOTTOM Of Core in Box	FIELD BOREHOLE ANALYTICAL SAMPLE NUMBER	GRAPHIC LOG	CORE DESCRIPTION
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0.0	0.0	0.0 (15min)				<p>0.0 - 34.6 <u>SPRING DEPOSIT</u>                      MUDSTONE: Yel gry (5Y 8/1) - white (N9), dry, very fine-grained, silty, soft-mod soft, root holes and pore structure &lt; 4mm diam.                      (Description from adjacent mud pit)</p> <p>No description for run # 2 - 5.</p> <p>MUDSTONE : Very Lt gry (N7) - yel gry (5Y 8/1), dry mod hrd - mod soft, &lt; 5% gray angular lithics (&lt; 2mm) silicified?, porous &amp; "uggy". Est. 25% porosity</p> <p>No description for run # 7</p> <p>Very Lt gray (N7) - Lt brn gry (5YR 6/1), dry, hard &lt; 10% gray angular lithics (&lt; 6mm), silicified? Porous &amp; vuggy. Est. 15-30% porosity. One 12x25 mm pale brn (5YR 5/2) frag in run 8.</p> <p>Run #9: Reworked healed breccia: Gray orange pink (10R 8/2) Pale blue (5PB 7/2) limestone angular fragments &lt; 10mm, 20-30% fragments, hard, dry, few pores. Rough breaks.</p> <p>34.6- ? SANDSTONE: Pink gray (5YR 8/1), calcareous, &lt; 5% lithics (&lt; 3mm), mod hard, fine-grained, porous, voids &lt; 6mm diam</p> <p>37.7- 38.2 SAME AS RUN #9</p>
5	0.0	0.0 (2min)				
10	0.0	0.0 (3.0min)				
15	0.0	0.0 (5.0min)				
20	0.5/10	0.5/10 (6.0min)	Box 1		Piece length = 0.15, 0.15, 0.2 RQD = 0	
25	0.0	0.0 (11min)				
30	0.6/20	0.6/20 (6min)			Piece length = < 0.15' RAD = 0 Piece length < 0.45' RQD = 17	
35	2.1/78	2.1/78 (14min)			< 0.45 RQD = 9%	
40	2.8/56	2.8/56 (6min)	Box 2		RQD = 23	
45	3.2/64	3.2/64 (12.0min)				

Logged By KEN DONNELSON

Date 12-2-98

Checked By JAMIE WALKER

Date 5-19-00

NOTE: CONTACT BETWEEN SPRING DEPOSIT & CEMENTED LUMIUM MAY BE AT 30.1'

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ELEVATION (Feet)	DEPTH (Feet)	RECOVERY Feet/Feet/%	TOP/BOTTOM Of Core in Box	FIELD BOREHOLE ANALYTICAL SAMPLE NUMBER	GRAPHIC LOG	CORE DESCRIPTION
	50	1.8/39 (19 min) 3.3/61 (42 min)	Box 3		RQD = 0	38.2 - 39.3' MUDSTONE: Lt brn 5YR 6/4, mod soft - hard, silty, < 5% gry lithics
	55	1.9/38 (30 min)	Box 4	57.7	RQD = 17  RQD = 0	39.3 - 43.2 SANDSTONE: GRAY PINK (5R 8/2) - VERY PACE orange (10YR 8/2), mod hard, silty fine-grained, < 10% lithics, calcareous  43.2 - 44.3' SAME AS ABOVE, BUT > lithic and carbonate fragments < 12mm. Increased porosity, lense-shaped voids < 12mm.  44.3 - 57.7 SAND & GRAVEL, pale yel brn (10YR 6/2) Poorly sorted sand & fine angular gravel, mod hard - mod soft, carbonate cemented  pale brown (5YR 5/2) < 30mm, volcanics frag's, below 47.9'. Rock has MnOx? on v. rough fr's 5% voids < 10mm diam Cemental coarse sand and gravels from 52.7 - 53.0 & 54.3 - 54.6'
						T.D. 57.7'

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Checked By JAMIE WALKER Date 5-19-00