

Table 2.--Lithologic logs of cores from holes WR-1 thru WR-7, southeastern Uinta Basin, Utah--Continued

CORE HOLE NO. 7

Depth to top and base of unit (in feet)      Thickness of unit (in feet)      Location: NW1/4SW1/4NW1/4 sec. 12, T. 15 S., R. 21 E. (Approximately 200' E/W line and 1,700' S/N line)  
Ground elevation: 7,187 feet

Description

		Coring began at a depth of 20 feet
20.0-22.0	2.0	Sandstone, dark-gray, fine-grained; impregnated with bitumen
22.0-50.0	28.0	Mudstone, olive-gray, silty, calcareous, slightly micaceous; some carbonized plant remains; sequence contains a few thin (less than 0.3 feet thick) sandstone beds impregnated with bitumen
50.0-51.5	1.5	Marlstone, yellow-brown, silty; slightly kerogenous; irregular bedding
51.5-60.0	8.5	Mudstone, greenish-gray, silty; slightly kerogenous; contains carbonaceous plant remains
60.0-64.2	4.2	Mudstone, yellowish-gray, silty, very calcareous
64.2-69.9	5.7	Marlstone, yellow-brown, silty; contains two thin sandstone beds
69.9-70.0	0.1	Core missing
70.0-78.4	8.4	Oil shale, olive-gray to black, laminated; contains .05 ft thick oil-stained tuff at depth of 71.9 ft
78.4-78.5	0.1	Tuff, yellow-brown, slightly irregular upper and lower surfaces
78.5-81.8	3.3	Oil shale, olive-gray to black, laminated
81.8-82.4	0.6	Tuff(?), yellow-brown; contorted bedding
82.4-82.9	0.5	Oil shale and marlstone, yellow-gray to black, laminated
82.9-83.7	0.8	Sandstone, yellow-brown, very fine grained, slightly oolitic, porous, slightly calcareous
83.7-84.4	0.7	Oil shale, olive-gray to black
84.4-84.5	0.1	Limestone, yellow-gray, oolitic, sandy; may contain ostracodes
84.5-84.6	0.1	Oil shale, olive-gray to black
84.6-85.8	1.2	Breccia, greenish-gray, calcareous matrix, irregularly shaped limestone clasts
85.8-95.0	9.2	Sandstone, greenish-gray, very fine grained, calcareous; lower part is silty
95.0-98.0	3.0	Sandstone, greenish-gray, fine-grained, micaceous; impregnated with bitumen

Total depth: 98 feet