

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

CORE HOLE NO. 6

Depth to top and base of unit (in feet)	Thickness of unit (in feet)	Location: NE1/4SE1/4SE1/4 sec. 23, T. 16 S., R. 22 E. (Approximately 200' W/E line and 1,200' N/S line) Ground elevation: 7,728 feet
		Description
20.0-25.0	5.0	Coring began at a depth of 20 feet Mudstone, greenish-gray, silty, micaceous, massive, calcareous; some carbonized plant remains
25.0-30.0	5.0	Sandstone, greenish-gray, very fine grained, micaceous, massive
30.0-35.0	5.0	Mudstone, olive-green, silty, micaceous, calcareous
35.0-35.3	0.3	Sandstone, yellowish-gray, very fine grained, poorly cemented
35.3-37.0	1.7	Mudstone, olive-gray, silty, thin bedded; numerous tuff lenses
37.0-41.9	4.9	Oil shale, olive-brown to black; silty in part. Drill encountered a very small amount of water at a depth of approximately 40 feet
41.9-42.0	0.1	Tuff, grayish-green, micaceous; slightly stained with bitumen
42.0-43.2	1.2	Marlstone, olive-green to dark-gray, laminated; contains several very thin tuff layers
43.2-46.2	3.0	Sandstone, greenish-gray, with thin oil shale (0.1-0.2 ft) layers; slightly calcareous; some contorted bedding or stromatolites
46.2-58.2	12.0	Sandstone, yellow-brown to greenish-gray, fine-grained; contains numerous argillaceous, limonitic(?) stringers
58.2-58.6	0.4	Mudstone, greenish-gray, silty, calcareous
58.6-65.0	6.4	Sandstone, greenish-gray, fine-grained; spotty bitumen staining
65.0-75.0	10.0	Sandstone, greenish-gray, very fine grained; slightly stained with bitumen
75.0-85.0	10.0	Sandstone, light-gray-green, very fine to fine-grained; mostly thin bedded; some irregular bedding; lowermost 10 feet contains numerous micaceous (?) laminae; numerous flecks of bitumen and spots stained with bitumen
85.0-86.0	1.0	Mudstone, greenish-gray, silty, argillaceous, calcareous
86.0-87.0	1.0	Sandstone, greenish-gray, very fine to fine-grained; spotty bitumen staining
87.0-94.0	7.0	Sandstone, yellow-brown, very fine grained; abundant limonite (?); scattered flecks of bitumen
94.0-95.0	1.0	Mudstone, greenish-gray, silty, calcareous
95.0-98.0	3.0	Sandstone, yellow-brown and greenish-gray, fine- to-medium grained; spotty bitumen staining
98.0-100.0	2.0	Sandstone, greenish-gray, very fine grained; some flecks of bitumen

Total depth 100 feet