

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

CORE HOLE NO. 2		
Depth to top and base of unit (in feet)	Thickness of unit (in feet)	Location: SW1/4SE1/4 sec. 26, T. 14 S., R. 21 E. (Approximately 900' W/E line and 300' N/S line)
		Ground elevation: 7,002 feet
Description		
		Coring began at a depth of 20 feet
20.0-30.0	10.0	Sandstone, gray, very fine grained, calcareous, and siltstone, gray and greenish-gray, calcareous; contains 1-foot thick punky, ochre sandstone at a depth of 28.0 feet; and 0.5-foot thick brown, silty marlstone at a depth of 29.0 feet; unit contains abundant carbonized plant remains.
30.0-39.0	9.0	Mudstone, greenish-gray, very calcareous; abundant plant remains; contains two thin very fine grained, punky, ochre sandstones; one 0.2-foot thick at a depth of 31 feet and one 0.1-foot thick at depth of 38.5 feet.
39.0-41.0	2.0	Marlstone, gray and brown, silty, varved, slightly kerogenaceous
41.0-48.0	7.0	Mudstone, gray and greenish-gray, calcareous, silty
48.0-50.0	2.0	Marlstone, gray and brown, silty.
50.0-50.2	0.2	Oil shale, dark-gray and dusky-yellow, laminated
50.2-53.1	2.9	Mudstone, gray, calcareous, silty, micaceous; carbonized plant remains
53.1-53.3	0.2	Tuff(?), greenish-black; contains pyrite
53.3-58.3	5.0	Marlstone and thin beds of low-grade oil shale, gray and brown; some tuffaceous laminae and carbonized plant remains
58.3-69.4	11.1	Oil shale, dark-gray and olive-gray; laminated in part; some undulatory bedding in uppermost 1-foot; includes very thin tuffs of irregular thickness at depths of 61.4 and 65.1 feet; contains pyrite
69.4-70.1	0.7	Sandstone, gray, very fine grained, calcareous, irregularly bedded; contains kerogenaceous stringers
70.1-71.3	1.2	Oil shale, olive-gray, laminated
71.3-71.5	0.2	Brecciated zone; matrix of yellow-brown tuff or sandstone; some bitumen stained
71.5-74.5	3.0	Oil shale, olive-gray; interbedded with mudstone in lower part; contains thin lenticular tuffs at depths of 72.4 and 74.2-feet
74.5-85.2	10.7	Sandstone, greenish-gray, very fine grained, and silty mudstone; unit is calcareous and micaceous; upper 0.4-feet is bitumen impregnated and may be tuffaceous; some pyrite
85.2-85.6	0.4	Mudstone and marlstone, gray and brown, punky, silty
85.6-86.7	1.1	Oil shale, olive-gray, laminated in part, tuffaceous
86.7-100.0	13.3	Sandstone, greenish-gray, very fine grained, calcareous, micaceous; uppermost 3 feet impregnated with bitumen and remainder has some bitumen staining; unit yielded very small amount of water from interval between depths of 91 and 93 feet

Total depth 100 feet