

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

CORE HOLE NO. 3

Depth to top and
base of
unit (in feet)

Thickness of
unit (in feet)

Location: NE1/4NE1/4SW1/4 sec. 17, T. 15 S., R. 21 E. (Approximately 2000' E/W
line and 2500' N/S line)
Ground elevation: 7,282 feet

Description

		Coring began at a depth of 70-feet
70.0-88.8	18.8	Sandstone, dark greenish-gray to light olive-gray, very fine grained, and siltstone, greenish-gray; very calcareous, micaceous; some carbonized plant remains; sandstone is, in part, slightly stained with bitumen
88.8-92.9	4.1	Mudstone, light olive-gray, silty, and marlstone, yellow-brown; laminated to thin-bedded; irregular bedding planes
92.9-101.0	8.1	Sandstone, greenish-gray, very fine grained, very calcareous, and mudstone, olive-gray, silty; slightly micaceous; some carbonized plant remains; lowermost few feet contain thin kerogenaceous layers
101.0-113.1	12.1	Oil shale, olive-gray to dark-gray; contains bitumen-stained tuff 0.2-foot thick at depth of 108.8
113.1-113.7	0.6	Tuff(?), yellow-brown; some laminae of oil shale; bedding is contorted
113.7-115.0	1.3	Oil shale, olive-gray to dark-gray, laminated
115.0-115.2	0.2	Breccia; dark-gray fine-grained matrix; bitumen impregnated; contains yellow-brown limestone rip-up clasts
115.2-115.3	0.1	Oil shale, light- to dark-gray, laminated; contains tuff stringers
115.3-115.5	0.2	Tuff(?), yellow-brown
115.5-115.9	0.4	Breccia; dark-gray fine-grained matrix, yellow-brown limestone rip-up clasts; blebs of bitumen
115.9-130.0	14.1	Sandstone, olive-gray, very fine to medium grained; some thin zones stained with bitumen; laminated to thin-bedded; a few low-angle cross beds; some scouring; contains a few very thin-beds of calcareous mudstone
130.0-160.0	30.0	Sandstone, olive-gray and dark-gray, very fine to medium grained; calcareous in part, some intervals slightly stained with bitumen

Total depth: 160 feet