

LITHOLOGIC DESCRIPTION OF SAMPLES SUBMITTED FOR ASSAY^{1/}

Core samples from S & P Corporation Corehole WC-2 drilled in 1965
in NE1/4NE1/4NE1/4 sec 14 (620 ft S/N line and 345 ft W/E line),
T 11 S, R 10 E, Duchesne County, Utah

Surface elevation: 7475 feet
Sampled section: 61.0-92.3 feet

From	To	Description
61.0	61.8	Oil shale: dark brownish gray black with common medium brownish gray. Banded to massive. Presence of some bitumen impregnated material. Abundance of fossil shell fragments.
61.8	62.6	Mudstone: medium to dark brownish gray. Banded to massive. Common light yellow buff fossil fragments.
62.6	64.3	Mudstone: medium gray. Mottled and massive.
64.3	66.3	Marlstone: medium gray and gray white. Massive. Abundant gray white fossil fragments and rare bitumen impregnated material.
66.3	67.9	Mudstone: medium brown with some medium gray. Banded to massive. Some spiral gastropod fragments.
67.9	68.5	Marlstone: light brownish gray to gray white. Massive.
68.5	69.6	Marlstone: medium brownish gray with rare medium gray. Laminated to banded. Common fossil fragments in gray band at 69.2 feet.
69.6	70.0	Missing.
70.0	71.1	Marlstone: light brownish gray with rare medium brownish gray. Massive.
71.1	72.0	Marlstone: light brownish gray with some light gray. Banded to massive. Common very light yellow buff fossil fragments.
72.0	73.4	Marlstone: light gray. Massive.
73.4	73.9	Marlstone: medium to dark brownish gray. Banded. Some fossil fragments.
73.9	75.6	Marlstone: light gray with some medium brownish gray. Laminated to banded.
75.6	76.0	Marlstone: light to medium brownish gray. Banded. Some fossil fragments present.
76.0	77.0	Marlstone: medium to dark brownish gray. Banded to massive.
77.0	78.1	Marlstone: light brownish gray and light gray. Mottled and banded to massive.
78.1	78.7	Marlstone: medium brownish gray. Massive. Abundance of small fossil fragments.
78.7	79.7	Marlstone: medium brownish gray and medium gray. Massive. Some fossil fragments.

^{1/} By W. T. Hill, Jr.

Illustration No. SBR-3986P (Sheet 1 of 2)

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Core samples from S & P Corporation Corehole WC-2--Continued

From	To	Description
79.7	80.2	Marlstone: medium to dark brownish gray. Banded. Common fossils and fossil fragments.
80.2	81.3	Siltstone: light gray with rare medium gray and medium brownish gray. Banded to massive.
81.3	82.3	Siltstone: light gray with some medium gray and medium brownish gray. Banded to massive.
82.3	83.5	Marlstone: medium to dark brownish gray. Banded to massive, common very light yellow buff fossil fragments.
83.5	84.7	Marlstone: dark brownish gray. Massive. Rare fossil fragments.
84.7	86.0	Missing.
86.0	87.4	Marlstone: dark brownish gray. Massive. Rare fossil fragments.
87.4	88.4	Marlstone: dark brownish gray and rare light gray. Banded to massive. Light gray interval to 87.5 feet. Some fossil fragments.
88.4	89.6	Marlstone: light to dark brownish gray. Banded. Abundant fossil fragments.
89.6	90.1	Calcareous siltstone: light brownish gray to light gray. Laminated to banded. Rare fossil fragments.
90.1	91.1	Calcareous siltstone: light to medium brownish gray. Banded to massive.
91.1	92.3	Calcareous siltstone: light gray. Massive.
92.3	226.0	Not sampled.
Bottom of core.		

Illustration No. SBR-3986P (Sheet 2 of 2)

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