

LITHOLOGIC DESCRIPTION OF SAMPLES SUBMITTED FOR ASSAY<sup>1/</sup>

Core samples from S & P Corporation Corehole AC-5 drilled in 1965 in  
SE1/4SE1/4SE1/4 sec 1 (265 ft N/S line and 125 ft W/E line),  
T 11 S, R 11 E, Duchesne County, Utah

Surface elevation: 7635 feet

Sampled section: 86.0-100.0 feet

From	To	Description
75.0	86.0	Not sampled.
86.0	87.6	Claystone: medium gray. Laminated to banded.
87.6	88.3	Claystone: medium gray and some medium brownish gray. Laminated. Some disseminated crystals of pyrite.
88.3	88.6	Claystone: medium grayish brown and medium gray with some light brownish gray. Laminated.
88.6	89.0	Oil shale: dark brownish gray with some medium brownish gray. Prominent to faint laminations with common looped structures. Rare disseminated crystals of calcite and pyrite.
89.0	89.4	Oil shale: light to medium brownish gray with some dark brownish gray. Laminated to banded. Rare disseminated crystals of calcite and pyrite.
89.4	90.4	Siltstone: light to medium gray and gray blue with common medium brownish gray. Laminated with rare banding.
90.4	91.6	Claystone: buff to light brownish gray. Laminated. Orange buff fracture filling from 91.3 feet.
91.6	92.6	Claystone: buff with some light brownish gray. Laminated to massive. Orange buff fracture filling throughout.
92.6	93.5	Claystone: buff with rare light brownish gray. Laminated to massive. Orange buff fracture filling to 92.7 feet.
93.5	94.7	Claystone: buff to light brownish gray. Laminated to massive.
94.7	95.3	Claystone: light to medium brownish gray with some buff. Laminated.
95.3	96.0	Missing.
96.0	97.0	Oil shale: dark brownish gray with some medium brownish gray. Prominent laminations with some looped structures. Common pyrite crystals from 96.7 feet.
97.0	97.5	Siltstone: light to medium brownish gray and light buff. Laminated to massive.
97.5	98.8	Siltstone: very light buff. Massive with rare banding.
98.8	99.2	Oil shale: light to medium brownish gray. Prominent laminations with common looped structures. Rare disseminated crystals of pyrite.
99.2	100.0	Calcareous siltstone: very light buff with some light olive gray. Massive with rare laminae.
100.0	336.0	Not sampled.
Bottom of core.		

<sup>1/</sup> By W. T. Hill, Jr.