

ESSO STANDARD OIL (AUSTRALIA) LTD.

338067

CORE DESCRIPTION

Core No. 1

WELL: CORMORANT-1

Interval Cored ft., Cut ft., Recovered ft., (..... %) Fm.

Bit Type Bit Size in., Desc. by Date

Depth & Coring Rate (min./ft.)	Graphic (1" = 5')	Shows	Interval (ft.)	Descriptive Lithology
0			2972-2973	dk. olive gy calc. siltst. unbedded semi-consolidated soft yet firm. occ. small $\frac{1}{16}$ " diam $\frac{1}{2}$ " long worm burrows
			2973-73'2"	buff clayst. calcareous quite hard no definite upper or lower contact
			2973'2" - 75'4"	calc. siltst. or silty marl a.a.
			2975'4" - 75'8"	buff clayst. a.a. upper and lower contacts gradational over $\frac{1}{2}$ "-1"
			2975'8" - 76'9"	calc. siltst. a.a. occ fossil (small pelycypod) and worm burrows (diam $\frac{1}{8}$ " length approx 1")
			2976'9" - 77'9"	a.a. but more friable badly broken up in slabbing.
			2977'9" - 2978'	a.a.
			2978' - 78'4"	a.a. but broken up
			2978'4" - 80'4"	a.a. small worm burrows - original bedding probably destroyed by burrowing etc.
			2980'4" - 81'	a.a. broken up.
			2981' - 83'6"	a.a. occ well preserved small (diam up to $\frac{1}{4}$ ") pelycypod
			2983'6" - 84'	lighter coloured more clayey harder variety of above transition very gradual
			2984' - 87'	a.a. harder numerous worm burrows
			2987' - 88'6"	calc. siltst. a.a. somewhat lighter in colour due to possibly higher sand content
			2988'6" - 90'	a.a. but very friable and broken.
			2990' - 91'3"	a.a. very broken up
			2991'3" - 94'	a.a.
			2994 - 95	a.a. v. numerous larger (a.a.) worm burrows
			2995 - 99	a.a. possibly a little clayier and hder.
			2999 - 3000	a.a. numerous worm burrows
			3000 - 3001'8"	a.a.

REMARKS:

5 cm