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EXPLORATION FILES

PELICAN-1

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25/3/70
Side Wall Cores

<u>DEPTH</u>	<u>RECOVERY</u>	<u>DESCRIPTION</u>
2533	2"	LIMESTONE, grey, carbonate and fossil fragments in a calcareous and partly argillaceous matrix. Soft medium, poor porosity due to fine grey matrix.
2400	1"	LIMESTONE, grey carbonate and fossil fragments in a calcareous and minor argillaceous matrix, soft-medium, fine-medium grained poor porosity abundant glauconite (primary).
2290	2"	LIMESTONE, light grey, carbonate grains in a calcareous matrix however matrix minor rock fairly clean, good porosity medium-coarse grained calcarenite fossil fragments and glauconite soft-medium.
2230	1½"	LIMESTONE, light grey as above, medium grained size, fairly well sorted, medium-hard, glauconite.
2100	1½"	LIMESTONE, light grey as above, glauconite more abundant
1920	1"	LIMESTONE, medium grey, medium-coarse grained carbonate grains in a carbonate matrix, abundant medium-coarse quartz (clear) grains possibly some dolomite, glauconite absent, clean.
1800	2"	LIMESTONE, medium grey fine-medium carbonate grains in a carbonate matrix with some larger fossil fragments, no quartz, some argillaceous material, no glauconite.
1700	2"	LIMESTONE, light grey, medium-hard, medium-coarse grained, abundant fossil fragments, occasional very large carbonate grains as above, some argillaceous material, very occasional glauconite grains, matrix easily washed out.
1510	2"	LIMESTONE, light grey, medium hardness, medium-coarse grain fossil fragments, abundant shell fragments (calcite flakes) some very large. Some argillaceous material, a matrix which was not easily washed out (mainly carbonate), glauconite and zircon? (pink grains).
1410	2"	LIMESTONE, light grey, medium to hard, medium-coarse grained, clean. Fossil fragments abundant also large cemented grains as described deeper in the hole, occasional glauconite some argillaceous material.
1380	1½"	LIMESTONE, light grey, soft, medium-coarse grained, rather dirty. Fossil fragments (bryozoa) and abundant shell fragments in carbonate matrix which washed out very easily, numerous large cemented grains. Very little argillaceous material, no glauconite.
1050	½"	LIMESTONE, light grey, soft-medium hard, medium grained rather dirty fossil fragments, bryozoa mainly, forams, matrix carbonate washes out easily. Very little argillaceous material. None or very little glauconite.
910	½"	LIMESTONE, medium grey, fine-medium grained, fairly clean, matrix carbonate and readily washed out, matrix somewhat argillaceous, fossiliferous, medium-hard.
890	2"	Mainly cement ½" Limestone - soft - as above little argillaceous material but fairly dirty matrix carbonate and readily washed out, fossiliferous with occasional very large bryozoa and shell fragments.

Attempted 14 Rec. 13