

PHILLIPS . ETROLEUM COMPANY
2/4-8AX

ERICO DESCRIPTION OF ROUGH CORE

CORE NUMBER	DEPTH FEET	MATERIAL EXAMINED PERCENT AVAILABLE OF EACH FOOT 50%	MILLIMETER CLAY SEAMS	ORGANO SEDIMENTARY STRUCTURES	STYLOLITES			MEGA FOSSILS AND OTHER LARGE CLASTS	FRACTURES				CHERT	REMARKS
					FREQUENCY PER FOOT	ANGLE	MAXIMUM AMPLITUDE		FREQUENCY PER FOOT	SLICKENSIDED	HAIR-LINE	OPEN		
1	80													
	9800													Burrows common in a calc. mudstone with shale streaks
2	20													Chalky calc. mudstone - less shale Some calcite lined cavities Some chert
	40													
3	60													Calc. mudstone with discontinuous 'whisps' of shale Some calcite filled cavities - also pyrite
	80													Abundant shale streaks
4	9900													
	20													Two generations of cross cutting fractures Petroleum staining?
6	40						5.0mm							Uniform pale grey calc. mudstone
	60						2.0mm							Infill ed burrows
7	80						1.0mm							Change in lithology due to increase in shale
	10000						1.0mm							Signs of partial silicification
9	20													Fracturing - revealed by calcite
	40													Pyrite lining some vertical fractures Alternation of grey calc. mudstone and shale
10	60													Thick shale bands Bands of nodular flint and pyrite Mudstone in part brecciated
	10100													Pyrite abundant - often in association with shale Bands of chert common Partial silicification of mudstone
11	20						10.0mm							Uniform buff calc. mudstone
	40						4.0mm							
12	60						2.0mm							Partial silicification - some leached cavities
	80						1.0mm							Calc. mudstone
13	10200						1.0mm							Well developed high angle fracture pattern
	20													
14	60						5.0mm							Buff calc. mudstone - featureless Some cross cutting calcite veins
	80						3.0mm							Mudstone brecciated and subsequently healed
15	10300						10.0mm							Closely spaced vertical fracture pattern Buff calc. mudstone
	20						2.0mm							Some brecciation
16	40						5.0mm							Chert band in buff calc mudstone
	60						40.0mm							Chert nodules in pure calc. mudstone
17	80						70.0mm							Pale grey calc. mudstone
	10400						25.0mm							Small chert nodules
18	20						1.0mm							Buff calc. mudstone with some brecciation
	40						2.0mm							Buff calc. mudstone
19	60						2.0mm							Some leached cavities
	80						5.0mm							As above
20	10500						25.0mm							Pale grey-buff calc. mudstone
	20						21.0mm							As above
21	40						1.0mm							Brachiopods and molluscs?
	60						1.0mm							Disturbance common 'Salt and Pepper' stylolites
22	80						25.0mm							Disturbance
	10600						20.0mm							Pale grey calc mudstone
23	20						1.0mm							Burrows common
	40						1.0mm							Some pyrite
24	60						1.0mm							Skeletal debris - Trilobites, Bryozoans etc
	80						1.0mm							Mudstone has a conglomeratic appearance
25	10600						1.0mm							Pale grey calc. mudstone
	20						1.0mm							