

OFFSHORE 19

SIDEWALL CORE DESCRIPTIONS

D of M	A.O.	CG	CC & M	D.S.M.E.
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RECEIVED	- 7 JUN 1973			Registrar
ANSWER	DEPT OF M. & N.E.S.			E & IL
INDEX				

- NO. 1
5010 BASIC IGNEOUS, dark grey with brown inclusions of fine weathered material.
Feldspar laths fine elongate and set in a fine dark grey matrix.
Whole rock weathered.
Probably basalt.
- NO. 2
4958 SANDSTONE, light bluish grey, lithic, highly feldspathic with quite abundant very fine biotite, very clayey.
Extremely poor porosity and permeability.
Firm but slightly weathered.
- NO. 3
4920 CLAYSTONE, light brown, slightly silty. Highly feldspathic and slightly chloritic. Clay consists of kaolin. Rare flakes of mica (muscovite).
Firm.
- NO. 4
4911 CLAYSTONE, very light brown, trace sand, highly feldspathic.
Some dark grey dendritic inclusions.
- NO. 5
4904 COAL, black, bituminous, consists of finely laminated vitrain and duroclarain. Some fine shaley inclusions. Overall some very fine disseminated shale - common in dull bands. Firm.
- NO. 6
4890 SANDSTONE - lithic with abundant quartz and biotite, extremely immature, with a high proportion of clay - which forms a soft, sticky matrix. This clay gives a very low porosity and permeability. The sand grains are angular, poorly sorted and fine to medium.
- NO. 7
4852 SILTSTONE, dark grey, some fine sand quite common, slightly carbonaceous matrix, quite clayey. Lithic, immature.
- NO. 8
4800 SHALE, grey, sub fissile, very clayey, firm.
- NO. 9
4750 SHALE, dark grey, as for 8.
- NO. 10
4700 SHALE, as above
- NO. 11
4650 SHALE, as above, but slightly softer, possibly slightly chloritic
- NO. 12
4602 COAL, black, finely laminated, vitrain and duroclarain. Well developed cleat in more vitrain rich sections - some quite shaley bands.
- NO. 13
4550 SHALE, grey, fissile, micaceous, firm
- NO. 14
4500 SHALE, as above
- NO. 15
4480 SHALE, as above, slightly pyritic.