

CLIENT:

FUGRO ENGINEERING SERVICES LIMITED

ENCLOSURE:

17

TITLE:

CORE DESCRIPTION CHART

WELL:

C2006

TD:

58.5m

GLE:

101m

SURFACE POSITION:

X:452797, Y: 4234580

INTERVAL:

0m - 58.5m

SCALE:

1:50

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DETAILS:

DATE: APRIL, 2012
AUTHORS: O. DAVIS
REPORT NO: 7166/lb
PROJECT NO: GF721
SOFTWARE: WellCAD 4.1

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LEGEND

LITHOLOGY

claystone

calcareous mudstone

siltstone

sandy siltstone

marl

SAMPLES

M

Micropalaeontology

N

Nannopalaeontology

P

Palynology

LOGGERS DEPTH	AGE	BIOZONE	CORE CONDITION	SAMPLES	GRAIN SIZE AND SEDIMENTARY STRUCTURES	LITHOLOGY	WELLSITE DESCRIPTION	CORE DESCRIPTION	BIOSTRATIGRAPHIC ANALYSIS	
0.0	LATE PIOCENE, PIACENZIAN	REC-ENT					LOAM-CLAY: with gravel	Modern day soil	M: ABN Globigerina spp., CMN G. decoraperta, Siphonina reticulata and Uvigerina rutila	
0.5				M						P: SABN bisaccates, CMN Spiniferites ramosus gr., OCC Taxodium type
1.0				P						
1.5										N: PRES Discoaster variabilis and D. bergonii TOP Paleogene reworking, TOP Cretaceous reworking
2.0				N						M: SABN Globigerina spp., Orbulina universa, ABN bivalve fragments, OCC Globorotalia scitula, REWORKED G. praescitula
2.5										P: SABN Spiniferites ramosus gr., CMN Operculodinium spp., OCC bisaccates, PRES Homotryblum floripes, Homotryblum tenuispinosum, Hystrichosphaeropsis obscura, Achnosphaera andalousiensis, Medlicottium robustum
3.0				M						N: PRES Discoaster braarudii, D. bellus, and ?D. berggrenii
3.5				P						N: PRES Helicosphaera stalis and Amaurolithus primus
4.0				M						N: ABN Calcidiscus leptoporus and Cyclicargolithus floridanus, PRES Sphenolithus heteromorphus M: Poorly preserved planktonic assemblage, RARE Globigerina decoraperta
4.5				N						N: ABN Cyclicargolithus floridanus, OCC Discoaster braarudii, PRES Helicosphaera stalis
5.0				M						
5.5				N						M: RARE Globorotalia subscitula, Neogloboquadrina acostaensis
6.0										N: PRES Pseudoemiliania lacunosa ovata, Discoaster variabilis, and D. pentaradiatus.
6.5				M						P: SABN bisaccates, CMN Taxodium type
7.0				N						M: Poor planktonic assemblage, CMN bivalves and pyrite debris
7.5										N: PRES Calcidiscus macintyreii, Discoaster variabilis, and D. pentaradiatus
8.0				P						P: SABN bisaccates, CMN Taxodium type
8.5				M						
9.0				N						
9.5				P						
10.0										
10.5				N						N: SABN small Gephyrocapsa spp.
11.0				M						M: Very poor recovery of microfossils
11.5										
12.0										
12.5										
13.0										
13.5										
14.0										
14.5										
15.0										
15.5										
16.0										
16.5										
17.0										
17.5				N						N: PRES Pseudoemiliania lacunosa ovata and ?Gephyrocapsa spp.
18.0										
18.5										
19.0				M						M: Small residue with OCC Neogloboquadrina pachyderma
19.5										
20.0	M						M: OCC Globigerina decoraperta, Globorotalia scitula, RARE G. aemiliana			
20.5							N: SABN small Gephyrocapsa spp.			
21.0										
21.5										
22.0										
22.5										
23.0										
23.5				M						M: CMN Globigerina decoraperta, Orbulina universa, Quinqueloculina spp.
24.0				P						P: SABN bisaccate, OCC Spiniferites ramosus gr., PRES Homotryblum floripes, H.tenuispinosum
24.5				M						M: ABN Orbulina universa, RARE Globorotalia miotumida
25.0										
25.5										
26.0	N						N: ABN Calcidiscus leptoporus and Reticulofenestra producta, CMN Cyclicargolithus floridanus			
26.5										
27.0										
27.5										
28.0				M						N: SABN small Gephyrocapsa spp.
28.5				P						M: Very poor recovery, CMN pyritised diatoms P: SABN bisaccate, CMN Spiniferites ramosus gr., Taxodium type, PRES Homotryblum floripes
29.0										
29.5				M						M: CMN Globigerina spp., OCC G. borealis, G. druryi, Globorotalia scitula
30.0										
30.5										
31.0										
31.5	N						N: ABN Calcidiscus leptoporus, CMN Cyclicargolithus floridanus, OCC C. tropicus and Sphenolithus heteromorphus			
32.0										
32.5										
33.0										
33.5				P						P: SABN microforaminiferal test linings, CMN bisaccates, Spiniferites ramosus gr., PRES Homotryblum tenuispinosum, ?Galeacysta etrusca
34.0										
34.5										
35.0										
35.5										
36.0										
36.5										
37.0										
37.5	M						M: ABN Orbulina universa, OCC Globigerina decoraperta, Globorotalia acostaensis			
38.0										
38.5										
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39.5										N: OCC small Gephyrocapsa spp.
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