

SAMPLE DESCRIPTION SHEET

BRITISH GEOLOGICAL SURVEY — MARINE OPERATIONS

SAMPLE NO.

462

400

14

SURFACE SAMPLE

Equipment Used: CS

Seabed Photo: Yes/No

Stored in: Jars, Bags.

CORE SAMPLE

Equipment Used: CS

Stored in: Cut Cores, Uncut Cores, Jars, Bags.

Depth

Log

Description

Core Photo: Yes/No

Sub Samples

Geotechnical Log

(m)

0.02

0.32m

1

2

3

4

5

6

M 5 muddy fine sand, well sorted, light olive greyish brown 2.54 5/4, ~ 5% lithic fragments, ~ 15% forams (planktonic), well sorted sand grains: sand lost thru core top in recovery

M, mud very soft light olive brown 2.54 5/4 with occasional sulphide fills to presumed burrows

M, mud, very soft, very plastic, with abundant burrows filled with sulphide - round, elongate, transverse in vertical section. Anomalous - very shelly with bivalves, thin walled, some crushed by sampling. Beds of abundant sulphide at 1.38 & 1.43 m & 1.9m. Large gravel ~ 2.10m. (x2) (pebbles) with encrusting

2.33m. encrusting biota, subrounded to rounded. T.D. Mud is greyish brown as for 0.02 - 0.32m above. Planktonic forams 1-3% by volume.

○ shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

Rth

SAMPLE NUMBER

K

+62	too	.14
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K dup
columns
2-11

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dup
columns
2-11
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[illegible]

L dup
column:
2-11

dup
column:
2-11

DEPTH INTERVAL (m)		Label	ADDITIONAL COMMENTS (FREE TEXT)
upper	lower		
* 0.00	00.07		SAND, FILLLED FROM CORE TOP, IN RECONCRETE
* 0.07	0.32	1	DISTINGUISHED FROM UNDERLYING ON BASIS OF RELATIVELY LESS
:	:	2	BIOTURBATION, CASTS, WITH SULPHIDES
:32	2.33	1	WHOLE SHELLS, BIVALVES, THIN-WALLED, ANOMALOUS FOR UK SLOPE!
:	:	2	GRAY CL. WITH AT 2.1M
0.00	00.02	1	APPN-DESIGNATED MODERATE BACKSCATTER SEISMIC FACIES, TYPE C
0.02	0.32	2	FROM TOBI
:	:		
:	:		

SORTING OF TOTAL SAMPLE	HCl REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H ₂ S ODOUR	ABUNDANCE SCALE	LITHOSTRAT UNIT	C OMMENTS
V=very poorly sorted P=poorly sorted M=moderately sorted W=well sorted X=very well sorted	N=no reaction W=weak M=moderate S=strong	S=silt V=very fine F=fine M=medium C=coarse K=very coarse	V=very angular A=angular S=subangular U=subrounded R=rounded W=well rounded	L=low H=high	V=very soft S=soft F=firm T=stiff Y=very stiff H=hard	N=non-plastic L=low plasticity I=intermediate H=highly plastic	G=gradational S=sharp E=erosive U=unconformity	F=flat lamination R=ripple lamination M=cross-bedded D=disturbed C=colour banded G=graded bedding	J=prominent joints D=prominent discontinuities F=fissuring	W=weak M=moderate S=strong A=induced by acid	R=rare C=common A=abundant	G=group F=formation M=member B=bed I=informal	C = additional comments below 1,2 etc = label if more than one component SHEET _____ OF _____