

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

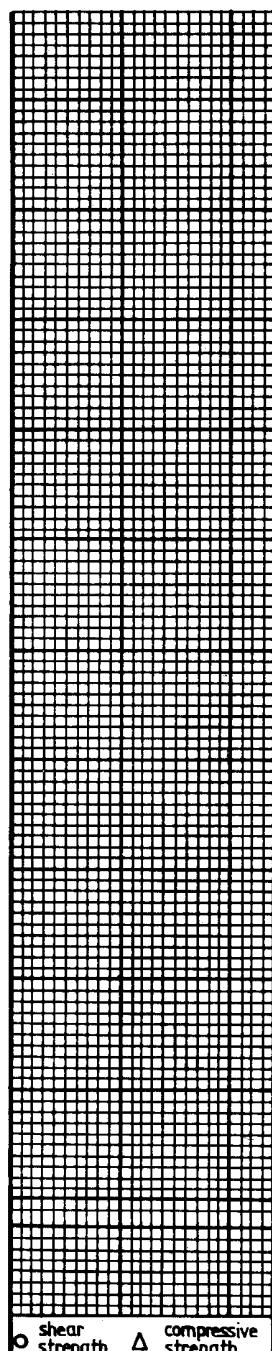
SAMPLE NO.

59 - 01 141

SURFACE SAMPLE Equipment Used: GS Seabed Photo: Yes/No Stored in: 1 Jars, Bags.

SM Olive, fine to v. fine sandy silt. 574/4. High percentage of quartz grains.
Sample of worm tube for RSM.

CORE SAMPLE Equipment Used: CS Stored in: 2 Cut Cores, Uncut Cores, Jars, Bags.

Depth	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
(m) 0.25	---	<u>SM</u> Description as for GS with 5mm angular bivalve fragment at base of unit.			
1 1.25	---	<u>SM</u> Very soft highly plastic fine to v. fine sandy silty mud. Slight reaction to HCl. Band of broken shell frags. at 0.80m. Colour varies from olive 574/4 at top of unit to olive grey 574/2 at base.			
2					
3					
4					
5					
6					

○ shear strength △ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

SAMPLE NUMBER

K 59-63 143

K dup columns 2-11
0.25-1.75

DEPTH INTERVAL (m)		SEDIMENT		MUNSELL COLOUR	Sorting HCT	Reaction	SAND			MUD		GRAVEL		ABUNDANCE SCALE							Chronostrat	Lithostrat	Unit	Comments									
upper	lower	(Folk class) or main rock type	subordinate rock type				Grain Size Range	Roundness Range	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing	H ₂ S Odour					Heavy Minerals	Glauconite	Fungal Fossils	Whole Shells	Forams	Plant Remains			
0.25	1.75	SM		5Y4/4	WW		FV	SR	H	4		1.0	5.0					R															
1.75	1.25	SM			WW		FV	SR	H			1.0	1.0																				

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DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)															
upper	lower																
1.25	1.25	COLLAPSE VARIABLES FROM 5Y4/4 AT TOP OF UNIT TO 5Y4/2 AT BASE															

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	COMMENTS
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 X=cross-bedded D=disturbed C=colour banded G=graded bedding	J=prominent joints D=prominent discontinuities F=fracturing	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 comment. SHEET _____ OF _____