

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

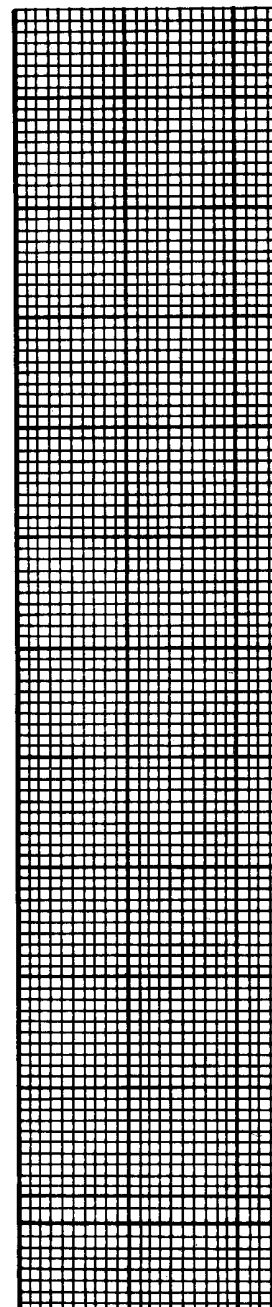
SAMPLE NO.

59 -01 160

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

ms Well sorted, fine to v. fine, silty, olive 5Y4/4 sand.

CORE SAMPLE Equipment Used: CS Stored in: 1 Cut Cores, Uncut Cores, Jars, Bags.

Depth	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
(m)		<u>ms</u> Description as for CS sample with angular shell frags towards the base of the unit.			
0.35	<u>5352</u>	<u>ms</u> Stiff, muddy, medium to v. fine silty sand ? till Olive 5Y4/3, no reaction to HCl.			
0.43					
1					
2					
3					
4					
5					
6					

○ shear strength △ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

SAMPLE NUMBER **K** **59-81 166**

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or main rock type	subordinate rock type	MUNSELL COLOUR	Sorting HCl Reaction	SAND			MUD		GRAVEL			ABUNDANCE SCALE							Chronostrat	Lithostrat	Unit	Comments									
upper	lower					Grain Size Range	Roundness Range	Sphericity	% Shell Material	Hard- ness	Plast- icity	% Shell Material	Max. Clast Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing	H ₂ S Odour	Heavy Minerals					Mica	Glauconite	Faunal/Fossils	Whole Shells	Fossils	Plant Remains			
0.66	0.35	CG MS		5Y4/H	WM	F S P H	1.0				1.00	2.00																					
0.35	0.43	MS		5Y4/3	M	S																											

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DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)
upper	lower	
0.35	0.43	THIS UNIT MAY BE A TILL

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=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 comment