

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

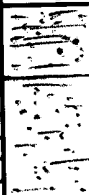
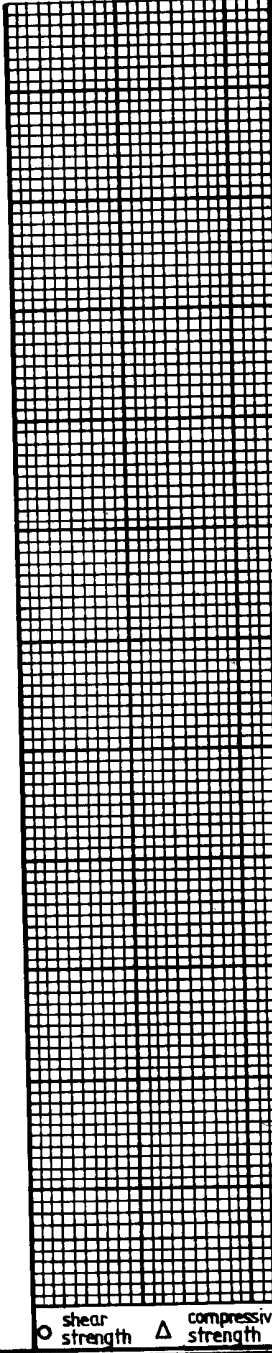
SAMPLE NO.

59 + 01 128

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

ms Poorly sorted fine grained muddy sand olive in colour with 5% lithic fragments - 5% shell fragments. Forams common, mica flakes present. Subangular to subrounded quartz grains mainly.

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)		<p><u>ms</u> as above with some bivalve fragments. transitional colour change.</p> <p><u>ms</u> Changes to more muddy grey brown fine sand still with 5% lithic fragments but only 3% shell fragments & no gravel grade fragments.</p> <p>Quartz grains are subangular to sub-rounded.</p>			
1	0.91m TD				
2					
3					
4					
5					
6					

○ shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST
A. Skinnier

SAMPLE NUMBER

K 59701.128

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or subordinate main rock type	MUNSELL COLOUR	Sorting FCL Reaction	SAND			MUD		GRAVEL			ABUNDANCE SCALE						Chronostrat	Lithostrat	Unit	Comments															
upper	lower				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	Fauna/Fossils	Whole Shells	Forams	Plant Remains									
0.0	0.35	ms	5.74/1.3	PM	F	S	L	5																													
0.35	0.91	ms	5.74/1.1	PM	S	F	S	H	3																												

L dup columns 2-11

DEPTH INTERVAL (m)		Label	ADDITIONAL COMMENTS (FREE TEXT)
upper	lower		
0.0	0.35	1	ONE SEM URCHIN IN GRAB COLLECTED FOR RSM GRAVEL GRAB
		2	BIVALVE FRAGMENTS ALSO

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 SHEET ____ OF ____