

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59 - 01 169

SURFACE SAMPLE

Equipment Used: *CS*

Seabed Photo: ~~Yes/No~~

Stored in: 1 Jars, Bags.

MS fine - v. fine silty olive 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) 1 2 3 4 5 6		<p><i>MS</i> -15m v. soft granular sandy clay with <i>brute shells</i></p>	Yes/No		<div style="border: 1px solid black; height: 500px; width: 100%; background-image: linear-gradient(to right, lightgray 1px, transparent 1px), linear-gradient(to bottom, lightgray 1px, transparent 1px); background-size: 20px 20px;"> <div style="position: absolute; bottom: 5px; right: 5px; font-size: 8px;"> ○ shear strength △ compressive strength </div> </div>

SAMPLE STATION GEOLOGY

GEOLOGIST **DE**

SAMPLE NUMBER **K 459-01.169**

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or main rock type		MUNSELL COLOUR		SAND		MUD		GRAVEL		ABUNDANCE SCALE							Chronostrat		Lithostrat		Unit		Comments													
upper	lower	subordinate rock type				Sorting	Reaction	Grain Size Range	Roundness Range	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Class Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing	H ₂ S Odour	Heavy Minerals	Mica	Claytonite	Fungal/Fossils	Whole Shells	Forams	Plant Remains										
φ:0φ	φ:1.5	(M.S)		5Y4/4		WN		SF																														
φ:1.5	φ:2.5	(G.S)		10YR3/3		X																																

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DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)	
upper	lower		
φ:0φ	φ:1.5	SHALEK, WITH LARGE SHELL FRAGS, IN CS, INCL ARTIFICALS.	
φ:1.5	φ:2.5	1 VERY POORLY SORTED, VERY SOFT, MASS OF SHELLS, WITH GRAVEL, IN.	
φ:1.5	φ:2.5	2 SILTY SANDY CLAY.	

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 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 ____