

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59	-01	154
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SURFACE SAMPLE

Equipment Used: GS

Seabed Photo: ~~Yes/No~~

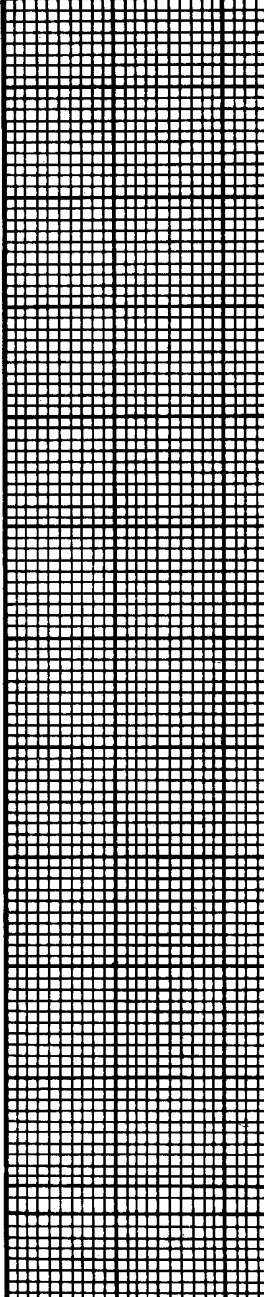
Stored in: 1 Jars, Bags.

MS very fine silty, olive sand.

CORE SAMPLE

Equipment Used: VE

Stored in: 3 Cut Cores, Uncut Cores, Jars, Bags.

Depth	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
(m)			Yes/No		
1		0.45 <u>MS as GS</u> variable sand unit			
2		0.70 <u> </u> soft - fine gritty clay			
3		1.13 <u> </u> sand with plant matter			
4					
5					
6					

○ shear strength △ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

DE

SAMPLE NUMBER

K

159-01.134

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or subordinate rock type	MUNSELL COLOUR	Sorting	HCI Reaction	SAND			MUD		GRAVEL			Basal Contact	Bedding	Jointing	H ₂ S Odour	Heavy Minerals	Fossils	Whole Shells	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
upper	lower					Grain Size Range	Roundness	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)												
0:40	0:45	MS	5Y4/2	WN		SV		1φ					US				P		A						
0:45	0:70	MS				SF		2					US				A		P						
0:70	1:13	M	10YR4/3	PN					SF																
1:13	2:24	S		WN		SF																			

ABUNDANCE SCALE

L dup columns 2-11

DEPTH INTERVAL (m)		label	ADDITIONAL COMMENTS (FREE TEXT)
upper	lower		
0:40	0:45		SH. DK. SIL. CLAYEUS. FAIRLY. THIXOTROPIC. IN CARE VARIABLE. COLOUR. DK GREY. WITH. PINKY. HORIZONS. FIRMER DOWN. BRITTY. WITH SOME GRAVEL. MED. DK GREY. ONE CLAY. HORIZON
0:45	0:70		
0:70	1:13		
1:13	2:24		

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 C=coarse 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 ____