

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59	-02	230
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SURFACE SAMPLE	Equipment Used: <u>GS</u>	Seabed Photo: Yes /No	Stored in: Jars, Bags.
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GS Poorly sorted, medium - v coarse, gravelly, shelly sand.
 Olive SY 5/4
 Sand fraction: 98% shell fragments, angular - subangular, low sphericity. Whole shells common. Terrigenous component minor quartz, subangular / - subrounded, low sphericity.
 Gravel fraction: 95% shell frags, angular, low sphericity, max. size 15mm. Whole shells common (in-granule range). Lithics, subangular, low sphericity, max. size 20mm.
 Pebbles occasionally faceted

CORE SAMPLE	Equipment Used: <u>CS/CR</u>	Stored in: Cut Cores, Uncut Cores, Jars, Bags.
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Depth	Log	Description	Core Photo: Yes /No	Sub Samples	Geotechnical Log
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Depth	Log	Description	Core Photo: Yes /No	Sub Samples	Geotechnical Log
(m) 0 1 2 3 4 5 6		<p>CR, 1 attempt, no recovery.</p> <p>CS (m) <u>GS</u> Mostly a/a, but in sand fraction shell frags from approx 80% of sample. Also matrix is slight muddy</p> <p>Moreover, may have been, in parts, slightly finer grained but jar sample has destroyed any relationship between coarse/fine sand.</p> <p>light olive brown 2 SY 5/4.</p>			<div style="display: flex; justify-content: space-between;"> ○ shear strength △ compressive strength </div>

SAMPLE STATION GEOLOGY

GEOLOGIST
MS

SAMPLE NUMBER

K 159-02 230

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or main rock type	subordinate rock type	MUNSELL COLOUR	Sorting H/C	Reduction	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	Mica	Glaucopane					Faunal/Fossils	Wedge Shells	Forams	Plant Remains			
0:00	0:05	GS		5Y5/4	PS		MKAWL	98				9.5	20	ASL	X																			
0:05	0:10	MGS		2-5Y5/4	PS		VKAWL	80				9.5		ASL																				

L dup columns 2-11

DEPTH INTERVAL (m)		Label	ADDITIONAL COMMENTS (FREE TEXT)
upper	lower		
0:00	0:10	1	ARBITRARY DEPTHS
0:00	0:10	2	DUE TO NATURE OF GS SAMPLE CURATION (JAS SAMPLE) TRUE REL
0:00	0:10	2	ATIONSHIP BETWEEN GS AND MGS IS UNKNOWN

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 ____