

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59	-02	214
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SURFACE SAMPLE	Equipment Used: GS	Seabed Photo: Yes/No	Stored in: 1 Jars, Bags.
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(9)S. Sand, well sorted, with gravel grade
 see shell frags up to 30mm across. 2.576/2

Sand fraction: 60% carbonate 40% lithic. Fine to coarse, but mainly med coarse.
 Carbonate: - shell material, forams, some glauconite part - forams test.
 Lithic 90% quartz, 10% med frags.

CORE SAMPLE	Equipment Used: C,	Stored in: Cut Cores, Uncut Cores, 1 Jars, Bags.
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Depth	Log	Description CS	Core Photo: Yes/No	Sub Samples	Geotechnical Log
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Depth	Log	Description CS	Core Photo: Yes/No	Sub Samples	Geotechnical Log
(m) 1 2 3 4 5 6		(9)S. As GS sample			<div style="border: 1px solid black; width: 100%; height: 100%; background-image: linear-gradient(to right, black 1px, transparent 1px), linear-gradient(to bottom, black 1px, transparent 1px); background-size: 20px 20px;"> <div style="position: absolute; bottom: 5px; right: 5px; font-size: 8px;"> ○ shear strength Δ compressive strength </div> </div>

SAMPLE STATION GEOLOGY

GEOLOGIST

N.A.R.

SAMPLE NUMBER

K +59-82-214
K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT		MUNSELL COLOUR		SAND		MUD		GRAVEL		ABUNDANCE SCALE								Chronostrat		Lithostrat		Unit		Comments							
upper	lower	(Folk class) or main rock type	subordinate rock type	H1	H2	H3	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	Glauconite	Faunal/Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments		
12	21	(G)S		2	5	6	F	K	S	L	A	B	1	2	3	4							R		C								
12	21																																

L dup columns 2-11

DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)	
upper	lower	label	Text
12	21	1	SPLITTINGS OF SAND FRACTIONING IS GOOD BUT OVERALL SORTING IS POOR
12	21	2	GLAUCONITE IN FORAM TESTES
12	21		

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 B=bed I=informal	C = additional comments below 1,2 etc = label if more than one comment.

SHEET _____ OF _____