



# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59	-φ2	9φ
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SURFACE SAMPLE	Equipment Used: <i>GS</i>	Seabed Photo: <i>Yes/No</i>	Stored in: <i>1</i> Jars, <i></i> Bags.
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*Coarse clean shell sand. Grains subangular consisting of mainly bivalve fragments, echinoid spines and forams. < 5% subrounded clear quartz grains present. Well sorted.*

CORE SAMPLE	Equipment Used: <i>CS</i>	Stored in: <i>Cut Cores,</i> <i></i> Uncut Cores, <i>1</i> Jars, <i></i> Bags.
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Depth	Log	Description	Core Photo: <i>Yes/No</i>	Sub Samples	Geotechnical Log
(m)		<i>a/a.</i>			
1					
2					
3					
4					
5					
6					

○ shear strength    Δ compressive strength

# SAMPLE STATION GEOLOGY

GEOLOGIST

SAMPLE NUMBER

**K** 59-02-96

**K** dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or subordinate rock type	MUNSELL COLOUR	Sanding	HCl Reaction	SAND			Hard+Plast-ness	MUD	GRAVEL			Basal Contact	Bedding	Jointing	H <sub>2</sub> S Odour	Heavy Minerals	Mica	Glauconite	Fauna/Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
upper	lower					Grain Size Range	Roundness Range	Sphericity			% Shell Material	% Shell Material	Max. Clast Size (mm)															
12	21	S				G	S	L	9.5																			

**L** dup columns 2-11

DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)
upper	lower	
12	21	

SORTING OF TOTAL SAMPLE	HCl REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H <sub>2</sub> 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 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 \_\_\_\_