



# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

59 - 02 166

SURFACE SAMPLE	Equipment Used: GS	Seabed Photo: Yes/No	Stored in: 1 Jars, Bags.
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(9) S. Sand, 95% shell material, color 5Y8/3 pale yellow.  
 Moderately well sorted, clean, fine-coarse, but mainly med-coarse shell sand.  
 Lithic frags more angular to subangular and smaller size than shell frags, being mainly fine to med grade. Some quartz, sub rounded to sub angular, med size.  
 Polymodal sorting. Lithics 5%.  
 Occ. echinoid spines, forams rare.

CORE SAMPLE	Equipment Used: CS	Stored in: Cut Cores, Uncut Cores, Jars, Bags.
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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 per GS sample, but with some gravel grade shell fragments, about 5% of total.			<div style="border: 1px solid black; height: 100%; width: 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    ▲ compressive strength                 </div> </div>

# SAMPLE STATION GEOLOGY

GEOLOGIST

N.A.R.

SAMPLE NUMBER

K 159-02, 166

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or subordinate rock type	MUNSELL COLOUR	Sorting	SAND	MUD	GRAVEL	Basal Contact	Bedding	Jointing	H <sub>2</sub> S Odour	Heavy Minerals	Fossils	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
upper	lower																	
12	21	(G)S	5Y2/3	MS	Fk S L		W S L						R R					
21	30																	
30	40																	
40	48																	
48	52																	
52	61																	
61	80																	

ABUNDANCE SCALE

L dup columns 2-11

DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)
upper	lower	
12	21	1. FAIRLY MODERATE SORTING, SLIGHTLY GRADATIONAL, COARSE, THAN LITHOLOGICAL FIRST
21	30	2. LN
30	40	3. VERY CLEAN SAND
40	50	
50	60	
60	70	
70	80	

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 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 ____