

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+S9 - a 171

SURFACE SAMPLE	Equipment Used: <i>CS</i>	Seabed Photo: Yes/No	Stored in: Jars, Bags.
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S quite well sorted fine dark greyish brown sand with broken echinoids.

CORE SAMPLE	Equipment Used: <i>CS</i>	Stored in: Cut Cores, Uncut Cores, <u>2</u> Jars, Bags.
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Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">1</div> <div style="margin-bottom: 10px;">2</div> <div style="margin-bottom: 10px;">3</div> <div style="margin-bottom: 10px;">4</div> <div style="margin-bottom: 10px;">5</div> <div style="margin-bottom: 10px;">6</div> </div>		Sand as <i>CS</i> becoming shelly downwards (c 20 cm.) very shelly SG at base.			<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: 0.8em;"> ○ shear strength △ compressive strength </div> </div>

SAMPLE STATION GEOLOGY

GEOLOGIST

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SAMPLE NUMBER

K 159-01.171

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (Folk class) or subordinate rock type		MUNSELL COLOUR	Sorting HCT	SAND			MUD		GRAVEL			ABUNDANCE SCALE					Chronostrat	Lithostrat	Unit	Comments								
upper	lower					Grain Size Range	Roundness	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)	Roundness	Sphericity	Basal Contact	Bedding	Jointing	H ₂ S Odour	Heavy Minerals	Mica	Glaucanite	Faunal/Fossiliferous Whole Shells	Forams	Plant Remains					
12	21	S		2-5Y4/2	NS	F			85											P				A						

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DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)														
upper	lower															
12	21	1 SHIPPER, ALSO LARGE PORTION OF ICHTHYOID, GRADUALLY RATHER 2 MORE SHELLY AND GRAVEL CONTENT, VERY GRAVELLY AT BASE & 3 WITH LARGE SHELL FRAGS.														

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