



# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

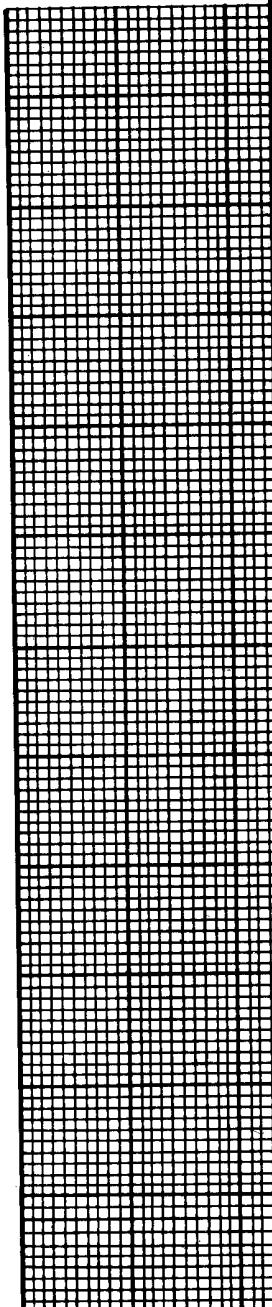
SAMPLE NO.

59	+01	149
----	-----	-----

SURFACE SAMPLE	Equipment Used: <u>CS</u>	Seabed Photo: <u>Yes/No</u>	Stored in: <u>1</u> Jars, <u>—</u> Bags.
----------------	---------------------------	-----------------------------	--

MSG Poorly sorted muddy sandy gravel olive in colour in sand fraction. A quartzose silty sand with subangular to subrounded grains of quartz, 10% lithic fragments and 5% shell fragments together with subrounded pebbles to 4cm diameter and numerous bryozoa & other shells many of which are living. A hard bottom assemblage of material and fauna. Numerous forams present.

CORE SAMPLE	Equipment Used: <u>CS</u>	Stored in: <u>—</u> Cut Cores, <u>—</u> Uncut Cores, <u>—</u> Jars, <u>—</u> Bags.	
-------------	---------------------------	--	--

Depth	Log	Description	Core Photo: <u>Yes/No</u>	Sub Samples	Geotechnical Log
(m)		<p style="font-size: 1.2em; margin: 0;">NO SAMPLE RECOVERED</p> <hr style="width: 50%; margin: 10px auto;"/>			
1					
2					
3					
4					
5					
6					

○ shear strength    Δ compressive strength

# SAMPLE STATION GEOLOGY

GEOLOGIST

A. SKINNER

SAMPLE NUMBER

K

59101.149

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT		MUNSELL COLOUR	Sorting HCl Reaction	SAND			MUD		GRAVEL			ABUNDANCE SCALE							Chronostrat	Lithostrat	Unit	Comments														
upper	lower	(Folk class) or main rock type	subordinate rock type			Grain Size Range	Roundness	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)	Roundness	Sphericity	Basal Contact	Bedding	Jointing	H <sub>2</sub> S Odour	Heavy Minerals					Mica	Glauconite	Fragm. Fossils	Whole Shells	Forams	Plant Remains								
12	21	msk		5Y4/3	P	S.k		5			70	40																										

L dup columns 2-11

DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)															
upper	lower																
12	21	1 A HARD, BOTTOM ASSEMBLAGE OF PEBBLES AND SHELLS AND BRYOZOA															
		2 IN A FINE MUDDY SAND MATRIX.															

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 \_\_\_\_