SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) | +59 (± lat) | -02 (± long) | 240 (no.) (11)

CRUISE NO. (year : ship : no) (18): 83 | WH | 02

DATE (mnth : day) (22): 04 | 21

TIME (local) (hrs : mins) (26): 21 | 00

WATER DEPTH (metres) (30): 112

POSITION FIXING METHOD: 4

COMMENT (32):

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN: 6C

RED: A | 9.9 (41)

GREEN: C | 43.89 (48)

PURPLE: C | 72.29 (55)

POSITION

LATITUDE (± degs : mins (decimal)) (63): +59 | 54.81

LONGITUDE (± degs : mins (decimal)) (71): -01 | 33.21

ADDITIONAL INFORMATION :

EQUIPMENT TYPE: 1 = sample recovered; 2 = no sample (geological reasons); 3 = no sample (equipment failure); 4 = no sample (undifferentiated)

G (1) dup cols 2-11

GS | VE | CS | CR | DM | DR | BH | SD | RD | SU | PS | DI | BS | OC | OG

1 | | | | | | | | | | | | | | (12–32)

T.D. metres (50–55): 3.15

SUMMARY SAMPLE DESCRIPTION : (Free text - max. 69 characters)

H (1) dup cols 2-11

THICK SHELL GRAVELLY SAND OVER (12–40)

GREY MORE LITHIC GRAVELLY SAND (50–80)

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER Head	PENETROMETER Readings					HAND VANE Head	HAND VANE Readings			

AVERAGED DATA

	DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)
I (1) dup cols 2-11	(14)	(18)	(22)
	(25)	(29)	(33)
	(36)	(40)	(44)
	(47)	(51)	(55)
	(58)	(62)	(66)
	(69)	(73)	(77)
I (1) dup cols 2-11	(14)	(18)	(22)
	(25)	(29)	(33)
	(36)	(40)	(44)
	(47)	(51)	(55)
	(58)	(62)	(66)
	(69)	(73)	(77)

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. +59 | -02 | 240

SURFACE SAMPLE	Equipment Used: G.S	Seabed Photo: ~~Yes~~/No	Stored in: 1 Jars, Bags.

(g)S. shell gravelly sand, v. clean.

CORE SAMPLE	Equipment Used: VE	Stored in: 4 Cut Cores, Uncut Cores, Jars, Bags.
		Core Photo: Yes/~~No~~

Depth (m)	Log	Description	Sub Samples	Geotechnical Log
0		3m (g)S as grab with some colour variation.		
1		grey (g)S, more likely		
2				
3				
4				
5				
6				

○ shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST DE

SAMPLE NUMBER K 459 02 240

K dup columns 2-11

DEPTH INTERVAL (m) upper	lower	SEDIMENT (Folk class) or main rock type	subordinate rock type	MUNSELL COLOUR	Sorting	HCl Reaction	SAND Grain Size Range	Roundness Range	Sphericity	% Shell Material	MUD Hardness	Plasticity	GRAVEL % Shell Material	Max. Clast Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing	H_2S Odour	Heavy Minerals	Mica	Glauconite	Fauna/Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
0.00	3.00	gS			M	S	MK			9%			10%	10			G									A				C
3.00	3.15	gS		10YR 4/1	P	S	FK			4%			10%	20												A				C
12	21	30			40		48				52		61				ABUNDANCE SCALE													80

L dup columns 2-11

DEPTH INTERVAL (m) upper	lower	label	ADDITIONAL COMMENTS (FREE TEXT)
0.00	3.00	1	SHARP, VERY CLEAN, DARKISH, OATMEAL, BUT, SOME VARIATION IN
		2	CORE GIVING V. POORLY DEFINED BEDDING
3.00	3.15		CLEARLY DISTINGUISHED BY COLOUR AS WELL AS CONTENT
12	21	30	40 50 60 70 80

SORTING OF TOTAL SAMPLE	HCl REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H_2S ODOUR	ABUNDANCE SCALE	LITHOSTRAT UNIT	COMMENTS
V = very poorly sorted	N = no reaction	S = silt	V = very angular	L = low	V = very soft	N = non-plastic	G = gradational	F = flat lamination	J = prominent joints	W = weak	R = rare	G = group	C = additional comments below
P = poorly sorted	W = weak	V = very fine	A = angular	H = high	S = soft	L = low plasticity	S = sharp	R = ripple lamination	D = prominent discontinuities	M = moderate	C = common	F = formation	1,2 etc = label if more than one comment
M = moderately sorted	M = moderate	F = fine	S = subangular		F = firm	I = intermediate	E = erosive	X = cross-bedded	F = fissuring	S = strong	A = abundant	M = member	
W = well sorted	S = strong	M = medium	U = subrounded		T = stiff	H = highly plastic	U = unconformity	D = disturbed		A = induced by acid		B = bed	
X = very well sorted		C = coarse	R = rounded		Y = very stiff			C = colour banded				I = informal	
		K = very coarse	W = well rounded		H = hard			G = graded bedding					SHEET ____ OF ____