# SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) | +59 (± lat) | +ØØ (± long) | 25Ø (no.) (11)

CRUISE NO. 83 | WH | Ø2 (year : ship : no 18)

DATE Ø6 | Ø3 (mnth : day 22)

TIME (local) 21 | 32 (hrs : mins 26)

WATER DEPTH 116 (metres 30)

POSITION FIXING METHOD 4

COMMENT (32)

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN ØE

RED ☐ (41)

GREEN ☑ B 41.Ø6 (48)

PURPLE ☑ H 61.56 (55)

POSITION

LATITUDE +59 | 29.Ø1 (± degs : mins (decimal) 63)

LONGITUDE +ØØ | 55.73 (± degs : mins (decimal) 71)

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 1 (12 … 22 … 32)

T.D. metres Ø.Ø5 (50 … 55)

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

H (1) dup cols 2-11: OLIVE GREEN FINE TO VERY FINE SAN (12 … 20 … 30 … 40)

D (50 … 60 … 70 … 80)

GEOTECHNICAL DATA :

RAW DATA

| PENETROMETER Head | PENETROMETER Readings | | | | | HAND VANE Head | HAND VANE Readings | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
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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) |

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# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES – MARINE GEOLOGY UNIT

SAMPLE NO. 59 | 00 | 250

| SURFACE SAMPLE | Equipment Used: GS | Seabed Photo: Yes/No | Stored in: 1 Jars, Bags. |
|---|---|---|---|

Olive green very fine to fine sand.
Moderately sorted.
One or two shell fragments to 10mm

| CORE SAMPLE | Equipment Used: GS. | Stored in: Cut Cores, Uncut Cores, Jars, Bags. |
|---|---|---|

| Depth (m) | Log | Description | Core Photo: Yes/No | Sub Samples | Geotechnical Log |
|---|---|---|---|---|---|

2 attempts

Recovered only 1 large bivalve shell (deformed) 55mm across.

1
2
3
4
5
6

○ shear strength Δ compressive strength

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# SAMPLE STATION GEOLOGY

GEOLOGIST: PB / GKL

SAMPLE NUMBER: K +59 +00 .25

K dup columns 2-11

| DEPTH INTERVAL (m) upper | DEPTH INTERVAL (m) lower | SEDIMENT (Folk class) or main rock type | subordinate rock type | MUNSELL COLOUR | Sorting | HCl Reaction | SAND Grain Size Range | SAND Roundness Range | SAND Sphericity | % Shell Material | MUD Hardness | MUD Plasticity | GRAVEL % Shell Material | GRAVEL Max.Clast Size (mm) | GRAVEL Roundness Range | GRAVEL 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 | 0.05 | S | | 5Y 4/1 3 | | | V.F | UR | H | | | | 1.00 | 5.0 | A | L | | | | | | | | PF | | | | | | |

12 21 30 40 48 52 61 ABUNDANCE SCALE 80

L dup columns 2-11

| DEPTH INTERVAL (m) upper | DEPTH INTERVAL (m) lower | label | ADDITIONAL COMMENTS (FREE TEXT) |
|---|---|---|---|
| | | | |

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 | 1,2etc=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 ____ |

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