06-JOD-4

PAGE 1

# Dredge Station Log

Cruise: F7-86-HW

Sample int 3175 - 2430 m

Date: 338 JD: 1121

Station No.: 06

Location: begin station | end station

Lat.: 16°26.6 | 16°27.0

Long. 169°29.7 | 169°35.0

DREDGE # ~~Transponder Grid~~: JOD 4

X: _____ Y: _____

Site Description and Target: Japanese Chain Dredge - Oval Opening southern side of Johnston Jol. thru DNA camera survey area

Dredge type: JOD 4 Pinger: ——— m. ~~Transponder~~: _____ m.

Dredge in water: 1130 z Depth: 3175 m. ~~CTD~~ TDR: yes ___ no X

Dredge on bottom: ——— z Depth: ——— m. Wire out: ——— m.

Events: time; tension, wire angle, heading, speed, X-Y co-ordinates, ect.

| | tension | $H_2O$ depth | LAT | LON | heading | wire out | SPEED |
|---|---|---|---|---|---|---|---|
| 1130 z; | 0.45 t | 3175 m | 16°26.6 | 169°29.7 | 349.0 | 0 | 1.79 |
| 1158 z; | 1.00 t | 3050 m | 16°30.1 N | 169°26.7 W | 338 | 1700 m | 1.79 |
| 1204 z; | 1.31 t | 3030 m | 16°30.4 N | 169°26 W | 346.9 | 2000 m | 1.79 |
| 1210 z; | 1.80 | 3050 m | 16°30.5 N | 169°26 W | 337.5 | 2400 m | 1.79 |
| 1218 z; | 1.80 | 3040 m | 16°30.7 N | 169°26 W | 350.3 | 2800 m | 1.79 |
| 1222 z; | 1.90 | 3020 m | 16°30.8 N | 169°26 W | 355.8 | 3100 m | 1.79 |
| 1226 z; | 2.40 | 3000 m | 16°30.9 N | 169°26 W | 344.7 | 3300 m | 1.79 |
| 1232 z; | 2.4 | 3020 | 16°31' N | 169°26 W | " | 3300 m | " |
| 1238 z; | " | 2960 | | | | 3300 m | |
| 1244 z; | " | 2910 | " | " | " | 3300 m | " |
| 1250 z; | " | 2900? | " | " | " | 3300 m | " |
| 1256 z; | " | 2750 | " | " | " | 3300 m | Increasing Thrust |
| 1304 z; | " | 2690 | " | " | | 3300 m | |
| 1318 z; | 2.84 | 2650 | 16°32' N | 169°27 W | 340.4 | 3600 m | Increasing Wire length |

Dredge off bottom: _____ z Depth: _____ m. Wire out: _____ m

X: _____ Y: _____

Notes:

See Next PAGE

Dredge never touched bottom — bag appears to float

Recovered rocks nevertheless!

recovery depth between 3000 and 2500 m

PAGE 2

# Dredge Station Log

Cruise: F786HW

Date: 338 JD: 1121

Station No.: 06

DREDGE #

Letation: Lat.: _____ ~~Transponder Grid~~: JOD4

Long.: _____ X: _____ Y: _____

Site Description and Target: _____

Dredge type: _____ Pinger: _____ m. ~~Transponder~~ TDR: _____ m.

Dredge in water: _____ z Depth: _____ m. ~~Grid~~: yes ___ no X

Dredge on bottom: _____ z Depth: _____ m. Wire out: _____ m.

Events: time; tension, wire angle, heading, speed, X-Y co-ordinates, ect.

| | tension | $H_2O$ depth | LAT | LON | heading | wire out | ~~MISC~~ |
|---|---|---|---|---|---|---|---|
| z; | | | | | | | |
| 1322 z; | 2.8 | 2600 | 16°32'N | 169°26W | 344 | 3600 | pulling in wire |
| 1336 z; | 2.4 | 2530 | " | " | 353 | 3400 | pulling in WIRE |
| 1338 z; | 2.3 | 2500 | " | " | 346.6 | 3350 | pulling in wire |
| 1354 z; | 2.1 | 2430 | " | " | 345.5 | 3200 | |
| 1402 z; | 2.4 | 2471 | " | " | 353.5 | 3400 | wire out |
| 1416 z; | 2.4 | 2480 | " | " | | 3300 | pulling in |
| 1424 z; | 2.1 | 2480 | 16°34' | 169°27 | 339 | 3133 | LETTING WIRE SETTLE OUT |
| 1515 z; | ? | 2770 | 16°26.8 | 169°34.2 | 353 | 2460 | pulling up |
| z; | | 3200 | 16°26.8 | 169°34.8 | 344 | 500 m | pulling up |
| 1604 z; | dredge on | deck | | | | | |
| z; | | | | | | | |
| z; | | | | | | | |

Dredge off bottom: _____ z Depth: _____ m. Wire out: _____ m

X: _____ Y: _____

Notes: THE BAG APPEARS TO BE TOO LIGHT → WON'T STAY ON BOTTOM