1 G on Log

SIO CORE LOG

Expedition Climax I

Sample No. #12 G

Ship Horizon

Date 9-28-68

Lat. 28°49.8' N

Fathogram No.

Long. 156°55.0' W

Bathymetry Low Hills

DEPTH

Echo 3330 (50) Fm 6198 (6160)

TYPE OF SAMPLE

Correction

Corrected Echo

Fm 6500 M

Piston

Total wire out at bottom contact 3501 6448 M

Trip Gravity

Gravity ✓

Hydrographic PBS

Other

TIME: Start down 0855

On bottom 0954

On deck 1108

Description of sample Brown-red clay

Length or size of sample 49" or 124.46 cm

Catcher sample?

Preservation good

Remarks: (where appropriate--weather, accidents, defective equipment, recovery of equipment, other operations at stations, etc.)

No pinger used; catcher sample taken
new wire - stretch 25 m+

SIO CORE LOG

2G on Eng.

Expedition Climax I

Ship Horizon

Lat. 28°49.8′N

Long. 156°55.0′W

Bathymetry Low hills

Sample No. 1 b G

Date 9-28-68

Fathogram No.

DEPTH

Echo 3250 Fm 6012 5800

Correction Corrected Echo Fm 6353 M

Total wire out at bottom contact 6354 M

TYPE OF SAMPLE

Piston

Trip Gravity

Gravity ✓

Hydrographic PBS

Other

TIME: Start down 1300

On bottom 1355

On deck 1500

Description of sample redish-brown clay manganese module on top (?)

Length or size of sample 67" or 1.7018 m

Catcher sample?

Preservation good

Remarks: (where appropriate--weather, accidents, defective equipment, recovery of equipment, other operations at stations, etc.)

No pinger - perfect core

SIO CORE LOG

3G on core

Expedition Climax I

Ship Horizon

Lat. 28°49.8' N

Long. 156°55.0' W

Bathymetry low hills

Sample No. 1 c G

Date 9-28-68

Fathogram No.

DEPTH

Echo 2930 Fm 5358

Correction Corrected Echo Fm 5694 M

Total wire out at bottom contact 5675 M

TYPE OF SAMPLE

Piston

Trip Gravity

Gravity ✓

Hydrographic PBS

Other

TIME: Start down 1738

On bottom 1828

On deck 1924

Description of sample redish-brown clay

Length or size of sample 63" or 1.6006 m

Catcher sample?

Preservation good

Remarks: (where appropriate--weather, accidents, defective equipment, recovery of equipment, other operations at stations, etc.)

No pinger - perfect core

CORE LOG

Expedition CLIMAX I

Ship HORIZON

Lat. 28° 49.8" N

Long. 156° 55' 0" W

Bathymetry low hills

Sample No. #1a

Date 9-28-68

DEPTH

Echo 3330 (5011) Fm 6160 (6198) m

Correction ___ corrected echo ___ Fm ___

Total wire out ___ Fm 6500

Pull out 3501 Fm 6418

TYPE OF SAMPLE

Piston ___

Trip Gravity ___

Gravity ✓

Dredge ___

Other ___

TIME

Start down 0855

On bottom 0951

On deck 1108

Description of sample: brown-red clay

Length or size of sample: 49" or 1.2446 m

Preservation: good

Remarks: no pinger used; catcher sample taken
new wire - stretch 25m+

2.54 cm / 1" = x / 49

x = 2.54 × 49 = 2286 + 1016 = 124.46 cm

Core Log

Expedition CLIMAX I

Ship Horizon

Lat 28° 49' 8"

Long. 156° 55' 0"

Bathymetry low hills

Sample No. 1c

Date 9-28-68

Depth

Echo 2930 Fm 5358 m

Correction ___ Corrected Echo ___ Fm ___ m

Total wire out ___ Fm 5694 m

Pull out ___ Fm 5675 m

TYPE OF SAMPLE:

Piston ___

Trip Gravity ___

Gravity ✓

Dredge ___

Other ___

TIME: Start down 1738

On bottom 1828

On deck 1924

Description of sample: reddish brown clay

Length or size of sample - 63" . 1.6006 m

2.54
63
762
1.24
1.6006

Preservation: good

Remarks: no pinger - perfect core

Core Log

Expedition CLIMAX I

Ship Horizon

Lat 28° 49' 8"

Long. 156° 55' 0"

Bathymetry low hills

Sample No. 1c

Date 9-28-68

Depth

Echo 2930 Fm 5358 m

Correction ____ Corrected Echo ____ Fm ____

Total wire out ____ Fm 5674

Full out ____ Fm 5675

TYPE OF SAMPLE

Piston ____

Trip Gravity ____

Gravity ✓

Dredge ____

Other ____

TIME: Start down 1755

On bottom 1828

on deck 1924

Description of sample: reddish brown clay

Length or size of sample - 63" . 1.6006 m

2.54
63
762
1524
1.6006

Preservation: good

Remarks: no pinger - perfect core

CLIMAX INFO FROM GDCSUN1 93Aug26

```
prime.CLX703AZ
::::::::::::::
 1997CLX703AZ      0 1973  914  22.750-161.247     0     0     0   0.000   0.000
0COGVUCL LCLX7  7GB        2097M
 1998CLX703AZ      0 1973  914  22.768-161.203     0     0     0   0.000   0.000
10COGVUCL LCLX7  8G        2310M
 1999CLX703AZ      0 1973  914  23.008-162.233     0     0     0   0.000   0.000
10COGVUCL LCLX7  9G          30M
 2000CLX703AZ      0 1973  914  22.892-162.370     0     0     0   0.000   0.000
10COGVUCL LCLX7 10G        2069M
 2001CLX703AZ      0 1973  914  22.850-162.403     0     0     0   0.000   0.000
10COGVUCL LCLX7 11G        2533M
 2002CLX703AZ      0 1973  914  22.833-162.418     0     0     0   0.000   0.000
10COGVUCL LCLX7 12G        3045M
 2003CLX703AZ      0 1973  915  22.817-162.605     0     0     0   0.000   0.000
10COGVUCL LCLX7 13G        3518M
 2004CLX703AZ      0 1973  915  22.760-162.617     0     0     0   0.000   0.000
10COGVUCL LCLX7 14G        4029M
 2005CLX703AZ      0 1973  915  22.017-163.517     0     0     0   0.000   0.000
10COGVUCL LCLX7 15G        4634M
 2006CLX703AZ      0 1973  916  22.000-163.492     0     0     0   0.000   0.000
10COPGGCR LCLX7 16PG       4666M
 2007CLX703AZ      0 1973  916  22.000-163.492     0     0     0   0.000   0.000
10COPGGCR LCLX7 16P        4666M
ALT-F10  HELP | VT-100   | FDX |  2400 N81 | LOG CLOSED | PRT OFF | CR   | CR
```

```
prime.CLX703AZ
::::::::::::::
 1997CLX703AZ      0 1973  914  22.750-161.247     0     0     0   0.000   0.000
10COGVUCL LCLX7  7GB       2097M
 1998CLX703AZ      0 1973  914  22.768-161.203     0     0     0   0.000   0.000
10COGVUCL LCLX7  8G        2310M
 1999CLX703AZ      0 1973  914  23.008-162.233     0     0     0   0.000   0.000
10COGVUCL LCLX7  9G          30M
 2000CLX703AZ      0 1973  914  22.892-162.370     0     0     0   0.000   0.000
10COGVUCL LCLX7 10G        2069M
 2001CLX703AZ      0 1973  914  22.850-162.403     0     0     0   0.000   0.000
10COGVUCL LCLX7 11G        2533M
 2002CLX703AZ      0 1973  914  22.833-162.418     0     0     0   0.000   0.000
10COGVUCL LCLX7 12G        3045M
 2003CLX703AZ      0 1973  915  22.817-162.605     0     0     0   0.000   0.000
10COGVUCL LCLX7 13G        3518M
 2004CLX703AZ      0 1973  915  22.760-162.617     0     0     0   0.000   0.000
10COGVUCL LCLX7 14G        4029M
 2005CLX703AZ      0 1973  915  22.017-163.517     0     0     0   0.000   0.000
10COGVUCL LCLX7 15G        4634M
 2006CLX703AZ      0 1973  916  22.000-163.492     0     0     0   0.000   0.000
10COPGGCR LCLX7 16PG       4666M
 2007CLX703AZ      0 1973  916  22.000-163.492     0     0     0   0.000   0.000
10COPGGCR LCLX7 16P        4666M
ALT-F10  HELP | VT-100   | FDX |  2400 N81 | LOG CLOSED | PRT OFF | CR   | CR

10COPGGCR LCLX7 16P        4666M
 2008CLX703AZ      0 1973  921  27.133-151.033     0     0     0   0.000   0.000
0COGVUCL LCLX7 17G         5303M
 2009CLX703AZX     0 1973  913  31.187-157.988     0     0     0   0.000   0.000
10GBGSGCR LCLX7 NOSAMP1GB  460M
 2010CLX703AZ      0 1973  913  31.187-157.988     0     0     0   0.000   0.000
10GBGSGCR LCLX7  2GB        505M
```

CORE LOG

CLIMAX VII
R/V AGASSIZ

1 GRAB
13 SEPT 73

DEPTH: 460 METER CORR

TIR SAMPLE

WIRE OUT 520 M
TIME - 09 00 LOCAL

SHERIK GRAB

DESCRIPTION OF SAMPLE: No SAMPLE

REMARKS: PROBABLY HIT CORAL & BOUNCED!

160
24
84

CLIMAX VII
R/V AGASSIZ

2 GP
13 SEPT

TYPE SAMPLE

SHERIK GRAB

CORR. DEPTH: 505 m
WIRE OUT: 530 m

TIME
SURFACE - 0922
BOTTOM - 0930 LOCAL
ON DECK - 0958

DESCRIPTION of SAMPLE: SMALL PIECE OF CORAL (4 x 3 x 3 cm) PLUS SMALL QUANTITY OF CALCAREOUS SEDIMENT.

REMARKS: PROBABLY BOUNCING OFF CORAL BOTTOM.

CLIMAX 7 III

AGASSIZ

CLX7:16P

16 SEPT 73

LAT:

LONG:

REG PISTON CORE

DEPTH

2466 fm

4636 Meters corr.

WIRE OUT 5324 m

TIME: LOCAL

START	0530
BOTTOM	0728
DECK	0940

DESCRIPTION: BROWN NONFOSSILIFEROUS CLAY

LENGTH: 0-147, 147-297, 297-446 & 446-590 cm PLUS CATCHER

REMARKS: SOLID PISTON (PIN STRIPPED); 8 DOENUTS; 10 FT FREEFALL; SEAS CHOPPY, THRUSTERS NOT WORKING & MAIN ENGINE CLUTCH BAD.

GRAVITY CORE 960 cm