

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date 13 September 1995Project UTIG Student Cruise XVII Location East BreaksLatitude 27° 26.35' Longitude -95° 40.26'Station number 1 CORE NUMBER 1

bottom type (expected and/or acoustic character)

ID1 EB was Cam LobeSET-UP head weight ~1400 lbs \* trigger core? YesLENGTHS barrel 20.6' overall 24.6' trigger line 34'  
scope 9' freefall ~3'

## CORING

0415 27° 26.31 95° 40.23

ENTER WATER time 0417Z water depth 8030435 27° 26.26 95° 40.33  
TRIGGER time 0436Z water depth \_\_\_\_\_ wire angle ~1°  
wire out 862

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration 22.4' core length 10.1'mud on piston? YES condition? OKOTHER COMMENTS: VERY 1. Stiff grey clay in cutter.

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date <sup>14</sup>15 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 22.13' Longitude -95° 34.95'

Station number 2 CORE NUMBER 2

bottom type (expected and/or acoustic character)

Gas? invisible hyperbolae

SET-UP head weight 1400 trigger core? ☒

LENGTHS barrel 20 overall 24.6 trigger line 34'  
scope 8 freefall -3

### CORING

ENTER WATER time <sup>.115</sup> 00:08 water depth <sup>.91</sup> 984-997

TRIGGER time <sup>1:14.7</sup> 00:27 water depth <sup>35.00</sup>            wire angle ~2°  
wire out 1063

SURFACE time            water depth           

CORE penetration 22.4' core length 1210'

mud on piston? YES condition? OK

OTHER COMMENTS:

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date 13 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 27.1 Longitude -95° 37.48

Station number 3 CORE NUMBER 3

bottom type (expected and/or acoustic character)

III waxy loam

SET-UP head weight 1400 trigger core? ☒

LENGTHS barrel 20' overall 24.6' trigger line 34' + 3' = 37'  
scope 10 freefall -1

### CORING

ENTER WATER time <sup>35.70</sup> 0152 water depth <sup>46</sup> 791

TRIGGER time <sup>34.7</sup> 0207 water depth <sup>1505</sup>            wire angle ①  
wire out 841

SURFACE time            water depth           

CORE penetration            core length 6.1'

mud on piston? yes condition? short

OTHER COMMENTS:

# FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship GYRE Date 14 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 29.12' Longitude 95° 34.40'

Station number 4 CORE NUMBER 4

bottom type (expected and/or acoustic character)

II D<sub>1</sub>

SET-UP head weight 1400 trigger core? ☒

LENGTHS barrel 20 overall 25.5 trigger line 36 wraps  
scope 8.5 freefall 0

## CORING

ENTER WATER time 03 22 water depth 738-48

TRIGGER time 03 37 water depth 814 wire angle 3°  
wire out 814

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration 24' core length 12'

mud on piston? yes condition? OK

OTHER COMMENTS:

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship GYRE Date 14 Sept.

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 32.24' Longitude -95° 38.02'

Station number 5 CORE NUMBER 5

bottom type (expected and/or acoustic character)

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SET-UP head weight 1400 lb trigger core? ☒

LENGTHS barrel 20' overall 25.5 trigger line 38'  
scope 9' freefall 8'

### CORING

ENTER WATER time 0527 water depth 662

TRIGGER time 0540 water depth \_\_\_\_\_ wire angle 2°  
wire out 760

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration 24' core length 12.35'

mud on piston? No condition? OK

OTHER COMMENTS:

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship GYRE Date 14 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 36.11' Longitude 95° 35.90'

Station number 6 CORE NUMBER 6

bottom type (expected and/or acoustic character)

IV D1?

SET-UP head weight 1400+ trigger core? ☒

LENGTHS barrel 20 overall 25.5 trigger line 381

scope 10' freefall 8'

### CORING

ENTER WATER time 0657 water depth 491

TRIGGER time 0708 water depth \_\_\_\_\_ wire angle 1°  
wire out 539

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration 24' core length 12.3'

mud on piston? YES condition? OK

OTHER COMMENTS:

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date 15 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 36.29' Longitude -95° 26.41'

Station number ~~6~~ 7 CORE NUMBER ~~6~~ 7

bottom type (expected and/or acoustic character)

III Levee

SET-UP head weight ~1400 trigger core? ☒

LENGTHS barrel 20 overall 25.5 trigger line 38'  
scope ~9' freefall 8'

### CORING

ENTER WATER time 0649Z water depth 598

TRIGGER time 0702 water depth          wire angle ~0  
wire out 647 <sup>est</sup> 640 +

SURFACE time          water depth         

CORE penetration 24'6" - 20" 22'10" core length 6.1'

mud on piston? Yes condition?         

OTHER COMMENTS:

# FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date 15 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 35.73' Longitude -95° 26.0'

Station number 8 CORE NUMBER 8

bottom type (expected and/or acoustic character)

Same as 7

SET-UP head weight 1400 trigger core? ☒

LENGTHS barrel 20 overall 25-5 trigger line 38

scope 7 freefall 8'

621  
43  
364  
4347

## CORING

.8297 .9707

ENTER WATER time 0820 water depth 621

.6638, .5813

TRIGGER time 0836:40 water depth            wire angle 0

wire out 696

est  
664

SURFACE time            water depth           

CORE penetration ~ 22' core length 9.3

mud on piston? yes condition?           

OTHER COMMENTS:



# FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date 15 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 36.4255 Longitude -95° 25.1'

Station number 9 CORE NUMBER 9

bottom type (expected and/or acoustic character)

III E. lobe levee

SET-UP head weight 1400 f trigger core? ☒

LENGTHS barrel 20 overall 25.5 trigger line 38  
scope 5' freefall 8'

## CORING

ENTER WATER time 10:07 Z water depth 654

TRIGGER time 10:29 Z water depth 657 wire angle 2°  
wire out 710 est 700

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration 25' core length 10.25'

mud on piston? YES condition? OK

OTHER COMMENTS:

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship GYRE Date 16 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 26.21' Longitude -95° 41.71'

Station number 10 CORE NUMBER 10

bottom type (expected and/or acoustic character)

I~~E~~D<sub>2</sub> western lobe near western side

SET-UP head weight 1400~~2000~~ trigger core? ☒ extra sample ~3-4"

LENGTHS barrel 20' overall 20.5' trigger line 38'  
scope 8' freefall 8'

### CORING

ENTER WATER time 0241 <sup>.1479</sup> <sup>.6443</sup> water depth 765

TRIGGER time 02:57:44 <sup>.228</sup> <sup>.7273</sup> water depth 767 wire angle 1°  
wire out 819 818 est

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration ~22' core length 15'5"

mud on piston? yes condition? OK

OTHER COMMENTS: cut head mud stiff.  
piston hold-down wire flattened to make it break easier

## FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date 16 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 29.04' Longitude -95° 39.66

Station number 11 CORE NUMBER 11

bottom type (expected and/or acoustic character)

V D<sub>1</sub> western lobe

SET-UP head weight \_\_\_\_\_ trigger core? ✓

LENGTHS barrel 20' overall 25.5' trigger line 38'  
scope 8' freefall 8'

### CORING

ENTER WATER time 0421:30<sup>29. 39.634</sup> water depth 750

TRIGGER time 04:37<sup>29.0466 39.689</sup> water depth 750-61 wire angle 2°  
wire out 812 est. 803

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration 25 +' core length 15.2'

mud on piston? NO! condition? OK

OTHER COMMENTS: new piston

# FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship GYRE Date 16 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27°31.5' Longitude -95°37.68'

Station number 12 CORE NUMBER 12

bottom type (expected and/or acoustic character)

western lobe III

SET-UP head weight \_\_\_\_\_ trigger core? ☒

LENGTHS barrel 20' overall 25.5' trigger line 38'  
scope 7' freefall 8'

## CORING

ENTER WATER time 0600Z water depth 686 m

TRIGGER time 0619 water depth 679 wire angle 6°  
wire out 759

EST.  
734

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration > 20' core length 19.1

mud on piston? YES condition? OK

OTHER COMMENTS: but not top of liner

# FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship G Y R E Date 16 September 1995

Project UTIG Student Cruise XVII Location East Breaks

Latitude 27° 35.77' Longitude -95° 26.45'

Station number 13 CORE NUMBER 13

bottom type (expected and/or acoustic character)

E-lobe channel 141

SET-UP head weight \_\_\_\_\_ trigger core? \_\_\_\_\_

LENGTHS barrel 20' overall 25.5' trigger line 38'  
scope \_\_\_\_\_ freefall 8'

## CORING

ENTER WATER time 11:43:40 water depth 645.628  
<sup>35.7519</sup>  
<sup>26.4096</sup> Z <sup>619?</sup> <sup>636?</sup> 662

TRIGGER time 12:05 <sup>35.7849</sup> <sup>26.4993</sup> water depth 624? wire angle 1°  
wire out 676 657 672

SURFACE time \_\_\_\_\_ water depth \_\_\_\_\_

CORE penetration 24' +? core length 14.2'

mud on piston? NO condition? broken liner top  
(above core)

OTHER COMMENTS:

# FIELD LOG - PISTON CORE

CRUISE 95G-6 Ship GYRE Date 16 Sept

Project SC ~~XVII~~ Location East Breaks

Latitude 27° 32.78 Longitude -95° 21.76

Station number 14 CORE NUMBER 14

bottom type (expected and/or acoustic character)

E. lobe inner TIT

SET-UP head weight ~ 2000 trigger core? ✓

LENGTHS barrel 20' overall 25.5 trigger line 38'

scope 7' freefall 8'

13:25 32.792 21.8117  
32.790 21.7173

## CORING

ENTER WATER time 13:24:40 water depth 815

TRIGGER time 13:31:40 water depth 819 wire angle ~ 0

SURFACE time        water depth        wire out 870

EST  
872

CORE penetration 12.3 or 25 core length 14.1

mud on piston? NO condition? OK

OTHER COMMENTS:

short trigger core (~ half pipe)