

JIM LADNER

OCHLOCKNEE BAY
STUDY BOOK



Ben Meadows

1-800-241-6401

LEVEL BOOK

#101596

10-94 to 5/28/97

CHECK-LIST FOR FIELD TRIPS (SET, CRYO, & Pb 210)

SET	CORE CAPS
METER STICK	2 X 4
CALIPERS	DUCT TAPE
NOTEBOOK	CRYO TANK
TOOL BOX	BULLETS
SLEDGE	BOOTS
CORE TUBES	GLOVES
PLANK	FLAGS

FLORIDA GEOLOGY STUDY

OCHLOCKONEE BAY

Grant#

429A

Florida Geological Survey

Gunter Bldg.

903 W. Tennessee St.

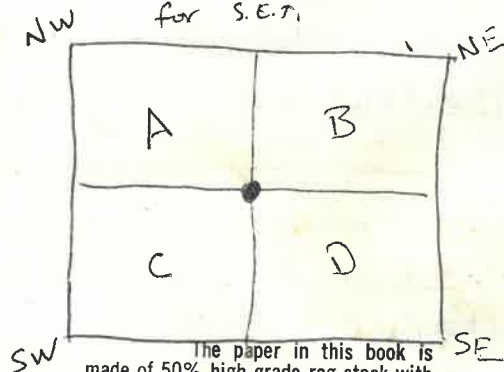
Tallahassee, Fl. 32304-7700

(904) 488-9380

JIM LADNER

October 94 to

8/18-6 }
 8/19-4 }
 Site 20A }
 in J.D.S. Lab

Sample convention
for S.E.T.

The paper in this book is
 made of 50% high grade rag stock with
 a WATER RESISTING surface sizing.

DATE _____

OR = Ochlockonee River

$P = P_{no\text{ice}}$

C = Core

V: Vibrz Core

$$6076' = 1 \text{ Nautical mile} = \approx 1' \text{ Lat}$$

101.26 feet = 1" LA

Kon: -3500

10-25-94 Jim, Ron, Steve, Henry, Brad, & Ted

ORP-1. begin 10:08 / end 11:00 AM.

Sed. thickness 34 feet - water depth 7/10 foot @ 11:00 AM. touched Limestone

ORP-2. Total depth 41.5 feet - water depth
1.0 feet 11:30 Am No Ls

ORC-1. water depth 1.0 feet. 10' PVC tube with 9.5 feet penetration (6" below water surface) - 5.8 feet of sediment recovered

ORP-3. Sediment thickness = 40 feet (did not touch Limestone) water depth 0.75 feet at 1:27 pm. Sand binding on tube caused abandonment of probe. Ran through poss. sand layer at 10-15' below sed/water contact.

ORP-4. water depth $3\frac{1}{2}$ feet at 2:15 PM. Sed. thickness 35^+ feet. Found $\pm \frac{1}{2}$ foot shell layer at 16 feet below sed. surface... then another $1\frac{1}{2}$ foot of shell. Poss. sand layer at 28 feet below sed. surface

11-2-94 Ochlockonee Bay Study Jim-Ron -
Bred-Henry.

ORC-2. taken adjacent to "Bay 2" Bench Mark
adjacent to Granit Point. 10 feet PVC tube 2"
driven 9.2 feet with $\approx$ 100% recovery. * Tape
band marks top of core.

ORC-3. core taken NW of Buddy Pond $\approx$ 2,900
feet south of Granit Point. 10 feet of 2"
PVC driven 9.2 feet deep. Lost 9.5 inches
of core (slippage?). * tape marks top of core.

ORC-4. located at swamp on east end of Power
line road. 10 feet of driven PVC 2" tube
with 9 inches inside and 10.5 inches outside
(sediment moved $1\frac{1}{2}$ inches up tube?). 16.5 inches of
slippage/compression.

11-3-94 Ted-Jim-Bred-Chin

ORP-5. taken south of fire tower 350° next to 4th
piling of old dock. 12:10 PM - 1.0 foot of
water. 40 feet of probe in ground with 26 inches
of probe above water level (add 6" for nipple). Hit
hard base? possible limestone.

ORC-5. water depth 3.5 feet 1:30 pm time.
20 feet of 2" PVC pushed and driven into sediment
4.9 feet with 9.3 feet of sediment in core.

ORP-6. Granite point at 3:00 pm at sea level.
Drove probe 25 feet. wood samples recovered
by probe (jabbing into hole caused roots to float
to surface)

2
10.8
1.0
9.8

ORP 7 v. one

Loc 11-9-94 Brad, Chin, Ted, & Jim

ORP-1. Probe & core at location near fire tower
Start 10:03 AM / End 10:43 45^{+6"} feet of pipe
less 1 meter above Sea Level (SL). Water depth
1 meter. Location 29°59'55.4"N 84°26'08.4"W
Caught white clayey material at bottom of probe
Decided not to core ... too deep.

ORP-7 ~ 1000' North of ORP-1. Loc
30°00'02.2"N / 84°26'15.8"W.
Hit Limestone at 45' less 30" in 1 foot of
water 11:00 AM Start 11:04 AM End
root back at 20'. piece of Limestone on end
of bit.

ORP-8 Loc. 30°00'11.7"N / 84°26'31.4"W
35' less 30 inches - 6" water depth.
coarse to fine sand at 15' below alternative with
muck, mud. Start 11:20 End 12:05

ORP-9 Loc. 30°00'25.1"N / 84°26'42.7"W
water depth 6 inches - probed 22' in sand.
Stuck pipe. Sand mostly fine to very fine with trace
of coarse m. Brad has several large grains.
Start start 1:05 - End 2:20
head of channels

ORP 10
11-10-94

ORP-10. Loc 30°00'54.5"N / 84°27'
18.6"W. 2:37 PM Start 2:53 End
30 feet deep in very fine sand. Mostly muck/mud. Stuck
probe. water depth 1 foot

11-10-94 Ted, Chin, Brad & Jim
Bot/HR. 361.5

ORP-11. Water depth 9.2 - pipe exposed 7"
Time 10:40 limestone, coarse sand & clay on
bottom of probe. started probe in sand -
30°01'30.7"N - 84°27'36.7"W
will attempt to core.

ORP-11 recovered 4.0' core - water depth 9.2 ft.
10.5' ^{open} tube length - less 7 inches - 3" water. - correction
Time 11:13

ORP-12. Start 11:32 Water Depth 7 feet
Limestone at 25 feet below SL. Thick (4-6")
gravel? section above 2' clay & Ls.
30°01'17.9"N / 84°27'36.7"W
End 11:50

ORP-13. Start 12:05 Water depth 3 feet
Limestone 24 feet End 12:37 clay &
coarse sand over Ls.

ORP-14 Start 12:45 Water depth 5'
Limestone at 30'. End 1:10 - EPS... dead
battery.

HR. 363.1

11-16-94 VIBRA-CORE Joe, Chan, Ted,
Henry, Jim. Windy - North gusty breeze -
OR Bearings FROM: WATER TOWER 091.5 / Draw of Bridge
V. L104° / NW point of Island 219° / Fire tower 003.5°
1st vibre-core ... on mudbank / channel has shifted
recovered. 12 feet. time end 11:15

11-24-94 - LOST VIBRE-CORE TODAY.

ORV 2 banded river: 6 feet of water - cored 15'
recovered 7'. 12:56 time

ORV 3 - Near JP5 point: water depth 2 feet. cored
14' recovered 5 feet 1:40

ORV 4 - Across River from JP-2. water depth 2'
cored 10 feet recovered ^{7th} 6 feet 2:30

12-2-94 Launch probe

12-6-94 Crusing Probe ... to berth from Alice to Pt.

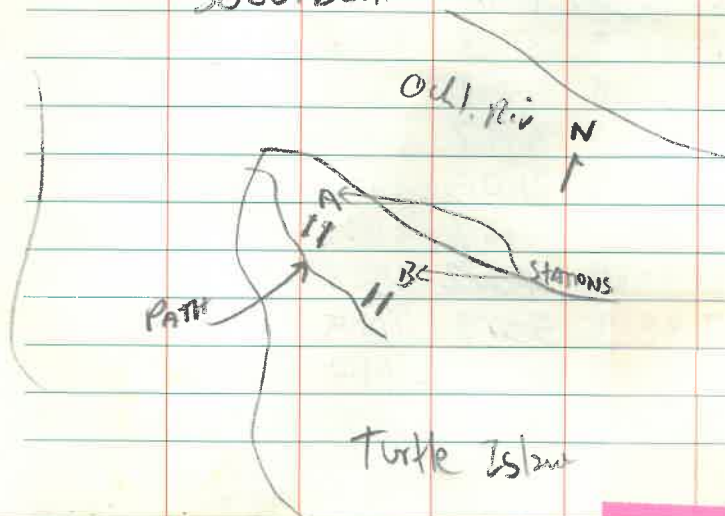
12-9-94 CHEN, BRAD & JIM

ORC-12 SAND LAYER NEAR TO DUNE. START 11:15
DROVE easy. 9 feet down with 1/2 foot slump/
compaction - end 11:39.

ORC-13 Edge of Ochlockonee River Start 1:06
End 1:29 6" of water - core 9 feet - S. 3'
recovery

12-14-94 Installed ~~sets~~ S.E.T.(S) TODAY
INSIDE BEND OF CHAIRES CREEK
(BALD POINT) AND TURTLE ISLAND
(MOUTH OF Ochlockonee River).

12-15-94 Installed trailer light hook-up to
Suburban.



12-16-94 Chino, Bred, Jim

1st Measurement of S.E.T. stations

Measured in cm.

BALD POINT STATION A

(cm) Quad A(W) B(N) C(S) D(E)

1	33.7	31.4	33.0	32.4
2	34.2	32.5	35.1	33.8
3	33.1	29.9	34.6	30.4
4	35.5	29.7	32.7	33.2
5	33.8	28.9	32.9	32.6
✓ 6	34.6	32.6	31.4	32.8
7	34.8	30.4	33.7	32.3
8	30.3	28.6	37.6	30.3
9	33.5	30.3	31.3	32.3

avg → $33.5 \div 9 = 33.7$

$31.4 \div 9 = 30.5$

$32.9 \div 9 = 33.6$

$32.0 \div 9 = 32.2$

STATION B

Quad A(W) B(N) C(S) D(E)

✓ 1	38.9	39.8	39.6	38.0
2	38.8	40.1	39.2	38.3
3	37.8	37.7	39.0	37.5
4	39.8	40.3	39.8	36.3
5	37.4	41.8	38.5	37.5
6	38.4	40.2	39.6	35.4
7	38.9	33.8	40.5	39.5
8	36.5	42.1	41.0	36.1
9	35.0	37.3	41.0	37.7

avg →

$341.5 \div 9 = 37.9$

$353.1 \div 9 = 39.2$

$358.2 \div 9 = 39.8$

$336.3 \div 9 = 37.4$

TURTLE ISLAND

STATION A

QUAD	A(W)	B(N)	C(S)	D(E)
1	36.5	38.5	36.6	37.9
2	37.3	38.9	37.4	38.0
3	37.5	39.3	37.1	37.0
4	36.9	38.6	37.0	37.6
5	37.5	37.6	38.1	37.7
6	37.9	39.2	37.5	37.0
7	37.5	38.9	37.2	37.7
8	37.8	38.4	37.5	38.3
9	37.7	38.1	37.7	37.5
	$336.9 \div 9 = 37.3$	$347.5 \div 9 = 38.6$	$385.5 \div 9 = 37.3$	$338.7 \div 9 = 37.6$

STAB

(Quad)

STAB

Quad	A(W)	B(N)	C(S)	D(E)
1	35.7	39.7	38.8	38.1
2	36.2	38.8	38.5	38.1
3	37.0	39.2	36.8	38.7
4	36.7	39.2	39.3	37.9
5	36.7	38.1	39.3	37.1
6	37.4	38.7	39.8	37.8
7	36.4	38.2	38.5	38.5
8	36.7	38.8	39.3	37.2
9	36.9	39.1	39.4	34.9
	$331.5 \div 9 = 36.8$	$349.7 \div 9 = 38.9$	$349.7 \div 9 = 38.9$	$338.3 \div 9 = 37.6$

1-25-94 Brad, Chin, Joe, Jim

COOL- Clear 10:46 AM SET study

STATION A Turtle Island

Readings (W) A (N) B (S) C (E) D

1 35.6 38.3 38.2 37.9

2 37.4 38.8 36.6 38.1

CM 3 37.8 38.1 37.6 36.0

4 37.1 35.5 37.6 38.3

5 32.6 38.3 36.6 37.8

6 36.4 39.4 37.2 37.3

7 37.5 38.8 37.0 37.7

8 36.8 39.5 38.4 37.2

9 37.8 38.4 36.4 38.2

Sum. 329.0 ÷ 9 = 36.6 345.1 ÷ 9 = 38.3 335.6 ÷ 9 = 37.3 338.5 ÷ 9 = 37.6

dim.

MM 1 0"

2 "

3 "

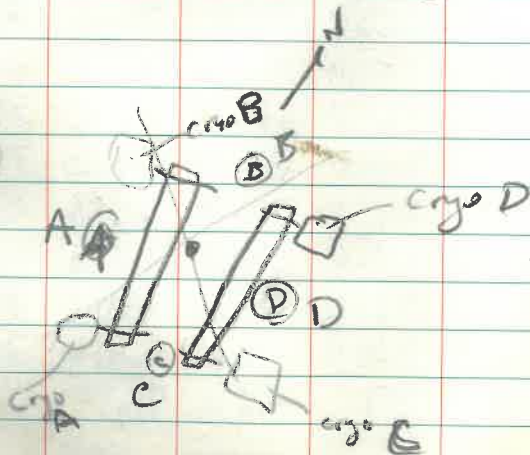
Field 1 mm

at 2 mm

Surface 1 mm

Cryogenic
reading

Cryo in mm
SET in CM



TURTLE ISLE

STATION B (farthest from boat landings)

Readings (W) A (N) B (S) C (E) D

1 38.1 39.7 38.0 36.9

2 37.7 38.9 38.2 38.1

3 37.9 38.6 38.7 38.1

4 38.8 38.8 38.5 38.2

CM 5 37.8 39.2 38.5 38.2

6 38.6 37.9 38.4 38.5

7 39.4 38.8 38.5 37.4

8 39.2 38.7 38.6 36.9

9 38.8 39.0 38.0 36.7

Avg → 346.3 ÷ 9 = 38.5 348.5 ÷ 9 = 38.8 345.4 ÷ 9 = 38.4 338.0 ÷ 9 = 37.7

mm

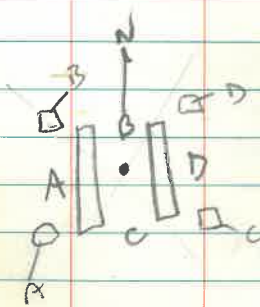
1 mm

0 mm

0 mm

0 mm

Cryogenic
reading



1-25-94

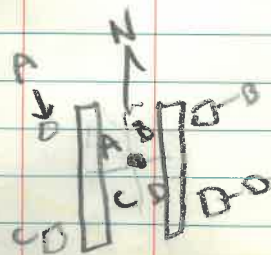
1995?

BALD POINT

STATION A

Record	(NW) A	(NE) B	(SW) C	(SE) D
1	30.5	32.4	30.5	31.6
2	31.7	32.5	34.7	33.9
3	33.2	33.8	34.4	33.6
4	31.1	29.5	29.3	31.9
5	30.7	28.6	33.6	31.9
6	33.6	29.8	30.7	33.2
7	34.1	30.7	33.0	31.2
8	33.0	29.5	35.4	31.2
9	33.7	30.2	29.2	32.0
avg →	$291.6 \div 9 = 32.4$	$277.0 \div 9 = 30.8$	$290.8 \div 9 = 32.3$	$290.5 \div 9 = 32.3$

1 mm

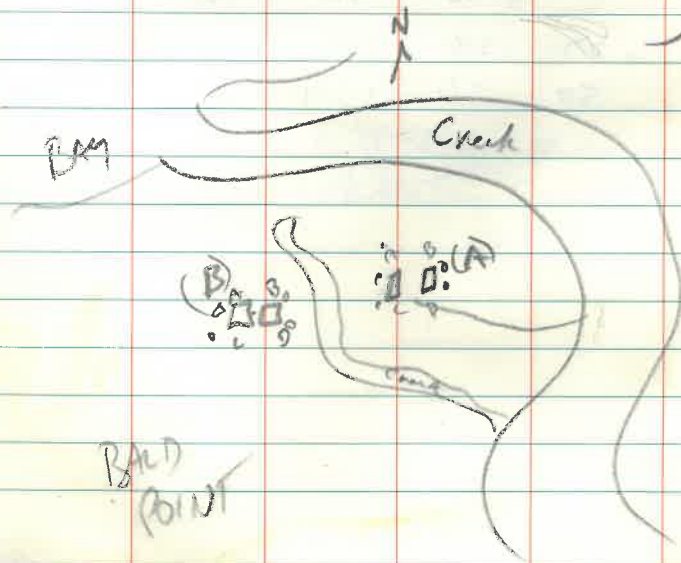
o algal
o algae
o algaeo white
Fragile
wavyo algal
Fragile
growtho algae } cryo
feeding

1-25-95

STATION B

Reading	NW A	NE B	SW C	SE D
1	39.6	38.6	39.4	40.9
2	38.7	39.6	38.6	39.3
3	40.0	39.0	39.4	40.1
4	39.0	39.1	39.1	39.5
5	35.8	42.1	40.8	40.7
6	40.1	40.5	39.7	38.8
7	35.0	No	39.9	40.8
8	35.6	No	40.1	36.3
9	38.7	32.3	37.2	37.6
avg →	$342.5 \div 9 = 38.1$	$271.2 \div 7 = 38.7$	$354.2 \div 9 = 39.4$	$354.0 \div 9 = 39.3$

1
2
3 } only algal growth on surface } cryo
feeding



1-30-98

ORC-14 7.3 Core: 1 In Bay Near Bridge

2-22-95

ORC-15

7 1/2' Sediment

1' Water Depth

Recover Core at 12:57

GPS Reading w/ Differential

P.DOP 4.0 H.O.P 1.6

V.DOP 3.5 T.DOP 2.5

R.D. 196 m/sec

5 SV's OK ± 16 ft

29 58 05.4 N

84 26 33.4 W

at 1303 local time

± 16 ft

ORC 16

WATER DEPTH 1.25'

3.9 FT TO SED FROM

T/PIPE

6.1 FT SEDIMENT IN PIPE

1329 SAMPLE COLLECTION

Time

at 1334

P.DOP 3.2

H.O.P 1.3

V.DOP 2.9

T.DOP 1.6

170 m/s BOOT

6 SV's

29 58 15.2 N

84 26 31.9 S

at 1343

± 16 ft

Recover

6.2 ft ^{sediment} core

2-22-75

ORC 17

1' WATER

5.8 FT SEDIMENT BEFORE
COMPRESSION

4.25" Free space

at 1356 7 SU's ± 16 FT

PDOP 2.6 HDOP 1.4

VDOP 2.2 TDOP 1.3

BOOT 150 m/sec

29 58 20.5 N

84 26 30.5 W

5.8 Sediment Recovered

ORC 18

< 1' WATER (.9 FT WA)

at 1430

29 58 29.0 N

84 26 33.5 W

PDOP 4.4 HDOP 2.0

VDOP 3.9 TDOP 2.9

BOOT 76 m/sec

6 SU's ± 16 FT

Sed is 6.2' Sed Before Compression

3.2' Freeboard

5.9' Sed Recovered

2-22-95

ORC 19

1500

~~26 59~~

29 58 29.6W

84 26 19.3W

6 SV's ± 16 ft

POOP 4.5 HOOP 2.2

VOOP 3.9 TOOP 3.0

66 g/s bDot

1.3 Water Depth

Appears to be plug of uniform thickness
at top

DFT to T/Sediment

9.2 FT SEDIMENT RECOVERED

1:30pm 2-22-95

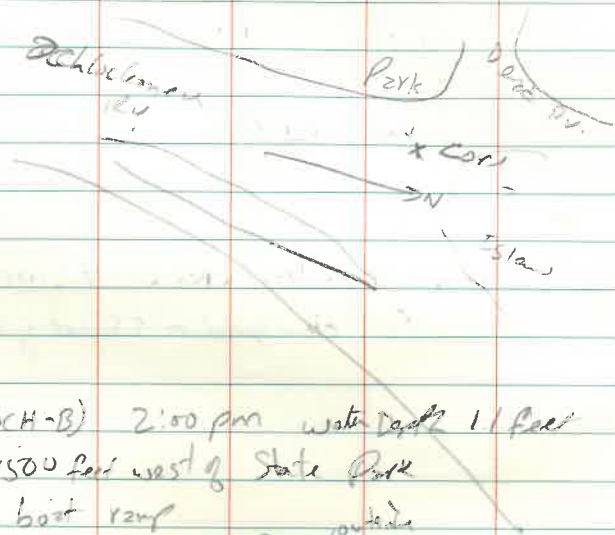
TK, DO, SS

ORC-20 (OCH-A) Water Depth 2.25'

7.5" of Seds (Core)



300' SSE of point of confluence
with Dead River. Hole is 5-6 feet
from shore line

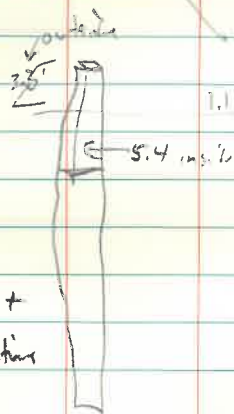


ORC-21 (OCH-B) 2:00 pm water depth 11 feet

Location: ~1500 feet west of State Park

tributary boat ramp

11.2' Core (Seds)



0-3.3 blkmk rock

3.3-3.4 fin gr sand

3.5-4.3 blkmk

4.3-11.2 fin-gr ss mottled +

hvy. mineral laminae
(ccy)

2-23-95

11:03 AM

shift to

~~Chin~~ - Joe - Jim - Chin

ORC-22 Turtle Island 4.2 feet of open pipe -
pipe is 9/10 foot above ground - 5.8' core - lost
1.1 feet of core from bottom 4.3' on top = 2/10 foot
82% compression (Just off landing for set)

ORC-23 (11:56 AM) 1.1 foot above grade 3.6 feet from
top of pipe to top of core - no slip or compression
5.6/4 Just south 200' of JP (Set probe 3) location

ORC-24 (12:30 PM) 5.1 feet of core in back swamp
no compression - located on Bear Creek

ORC-25 (1:25) on Bear Creek: 4.5 feet open in pipe -
pipe is 1.5 feet above ground - 5.5 feet of core - sandy
at base.

3-3-95

Chinn - Joe - Jim

(11:20)

ORV A by boat ramp S. side of river up from State
Park - 1.3 feet of tube above ground - 4.4 feet
of core tube empty before & after remove - no
compression.

ORV B on Little Man Creek (1:15)
mid ss.

3-28-95 Seismic Test

Jim B, Ted, Jim L, Henry, Tech Rep -

ORV #6 on Bear ck

3/24/95

ORV T #6 U. Brooks Bear Creek

1.3' above surface

4.4' to top of sediment

length of tube 13.9'

Free space 4.4'

elevation .5' above water level

11:50 Am

pH 6.05 @ 21.4°C

bottom -2.4'

O₂ 5.6 mg/L / 65.5% 21.4°C

Cond 0.98 mS/cm^c

Sal 0.1‰ @ 21.4°C

Turb 18 NTU

Surface pH 5.61 21.6°C

O₂ 5.92 mg/L 66.8% 21.6°C

Cond 0.100 mS/cm^c

SAL 0.1‰ 21.7°C

Turb 18 NTU surf

ORV-7

Freeboard from land surface 3.65 ft

1/2 ft above sea level 12:15 pm

Freeboard = 1.1 ft 1.1 ft above land surface

Freeboard = 1.1 length = 12%

5.1 empty in tube

Core
9' 5"
length

ORV 7 - on creek
with boat launch
up river from
house

13.9
4.4
9.5

3/24/95 cont. (ORV-7)

pH 6.66 @ 22.7°C
 O₂ 5.63 mg/L 64.4% 22.6°C
 Cond 0.580 $\frac{L}{m^2}$ m^2
 Sal 0.3% @ 22.5°C
 Turb 16 ntu @ 3.2 ft (bottom)

surface

pH 6.2 @ 23°C
 O₂ 5.68 mg/L 65.5% 22.8°C
 Cond 0.572 m^2
 Sal 0.3% @ 23.1°C
 Turb 16 ntu @ surface (1.4 ft) @ 23°C

Mouth of Bear Creek

pH 6.29 21.4°C
 O₂ 6.92 mg/L 78.0% 21.8°C
 Cond 0.122 m^2/sm^3
 Sal 0.1% 21.4°C
 Turb 18 ntu @ 10 ft 12:57 pm

pH 6.25 21.5°C
 O₂ 6.88 mg/L 77.7% 21.5°C
 Cond 0.112
 Sal 0.1% 21.5°C
 Turb 17 ntu @ 5 ft 12:58 pm

surface @ (1.4 ft)

pH 6.27 21.6°C
 O₂ 7.04 mg/L 79% 21.7°C
 Cond 0.110
 Sal 0.1% 21.7°C
 Turb 17 ntu 12:59 pm

ORV-8 at currenck/mar pond place
 tube 12 1/2 ft 7.7 fcs

4.75 open in tube before take out
 1.4 above land surface
 4.80 open in tube after take out

pH 6.66 23.1°C
 O₂ 6.09 mg/L 70.8% 23.1°C
 Cond 0.084
 Sal 0.0 23.1°C
 Turb 74 ntu 34 ft

surface (1.4 ft)

pH 6.31 23.1°C
 O₂ 6.12 mg/L 70.8% 23.1°C
 Cond 0.086
 Sal 0 23.2°C
 Turb 18 ntu

Reading #3
Bear Creek entrance

4-3-91

#38

Site 06

10.39 am

Bellot

PH 5.49 18.5°C

O₂ 6.39 mg/L 68.0%

Cond 0.622 m/S

Sal 0.0

turb 17

Dpk L0 18'

BEAR
CREEK

PH 5.57

O₂ 6.4 68.6

Cond 0.062

SAL ~~0.062~~ 0.0

Turb 16

Dpk L0 10'

Run 11.01

Site 06

PH 5.59 18.6°C

O₂ 6.45 68.7

Cond 0.062

Sal 0.0

Turb 14

Dpk 1 L0

4-3-85

Reading # by 20% on dead RV

PH 5.64 19.2°C

O₂ 6.8 mg/L

O₂ 74.1%

Cond 0.138 mS/cm³

Sal 0 0.1%

Turb 13 NTU

Depth DpH 15'

PH 5.45 19.2°C

O₂ 6.82 mg/L

73.6%

Cond 0.138 mS/cm³

Sal 0.1%

Turb 12 NTU

Depth 10'

PH 5.45 19.2°C

O₂ 6.83 mg/L

73.6%

Cond 0.136

Sal 0.1%

Turb 12 NTU

Depth 2.2'

IGNORE THIS DATA

S25 Site

37 #

Site 06³⁸ Run 11601
2 Boats Run at Park completion 3 hours

PH °C 5.8 18.5°C

O₂ 6.51

O₂ 69.5%

Cond 0.048

Sal 0.0

Turb 19

Depth 60 60'

PH 5.47 18.5

O₂ 6.48

O₂ 69.4%

Cond 0.048

SAL 0%

Turb 14

Depth 60 3'

PH 5.47

O₂ 6.47

O₂ 69.4%

Cond 0.048

Sal 0%

Turb 14

Depth 2.2'

PAIR

4-18-95

WATER QUAL

1:30

Ochlock. park Rivi. intersection

PH 6.32

Temp °C 22.6

O₂ 5.59 mL

O₂ 64.2%

Cond 0.052

SAL 0.0%

turb 15 NTU

depth 9.8 ft

PH 5.99

Temp 22.8

O₂ 5.56

O₂ 64.3

Cond 0.052

SAL 0.0%

turb 13

depth 1 ft.

E of River @ Bear Creek

PH 6.42

Temp 22.6

O₂ 5.73

O₂ 65.7%

Cond 0.056

SAL 0.0

turb 18

depth 10.4

PH 5.97

Temp 23.2

O₂ 5.79

O₂ 67.4%

Cond 0.052

SAL 0.0

turb 12

Depth 1.2 ft

more

4-19-95

cutbankside South most Bend of River 2:45

pH 5.85 Temp 22.7
 O₂ 5.62 O₂ 64.8%
 Cond 0.092 SAL 0.0
 Turb 16 Depth 32.0 ft

pH 6.10 Temp 22.8
 O₂ 5.64 O₂ 65.1%
 Cond 0.086 SAL 0.0%
 Turb 13 Depth 16.4

pH 6.08 Temp 23.2
 O₂ 5.74 O₂ 66.7%
 Cond 0.086 SAL 0.0%
 Turb 12 Depth 1.2

3:20pm North Bend (Deep) by ^{shelf} ~~high~~ ^{the} ~~current~~
 pH 6.40 Temp 22.9°
 O₂ 5.88 O₂ 67.8%
 Cond 0.104 SAL 0.1%
 Turb 15 Depth 27.2

more

pH 6.09 Temp 23.9
 O₂ 6.12 O₂ 72.3%
 Cond 0.288 SAL 0.1%
 Turb 14 Depth 14.2

pH 6.24 Temp 24.0°C
 O₂ 6.10 O₂ 72.1%
 Cond 0.272 SAL 0.1%
 Turb 15 Depth 2.0

By Turtle Island 3:30

pH 6.16 Temp 23.0
 O₂ 5.87 O₂ 68.3%
 Cond 0.148 SAL 0.1%
 Turb 16 Depth 16.4

pH 6.22 Temp 24.5
 O₂ 6.28 O₂ 75.0%
 Cond 0.260 SAL 0.1% ← %
 Turb 15 Depth 2.1

more

4-19-95

MARK 57

Channel Entrance Bay SIDE MARINA 3:45

PH 6.63 Temp 24.8°
 O₂ 6.15 O₂ 74.6%
 Cond 4.08 SAL 2.1‰
 Turb 22 Depth 14.2'

PH 6.66 Temp 25.0°
 O₂ 6.23 O₂ 76.0%
 Cond 3.72 SAL 1.9‰
 Turb 30 Depth 7.0

PH 6.63 Temp 25.0°
 O₂ 6.17 O₂ 74.8
 Cond 1.276 SAL 0.7‰
 Turb 20 Depth 1.8

4:00

~~SS. dea Bay~~

Granit



PH 7.78 Temp 24.4
 O₂ 6.5 O₂ 85.1%
 Cond 27.19 SAL 16.6
 Turb 41 Depth 11.6

Same as before

PH 7.88 Temp 26.7
 O₂ 8.19 O₂ 106.6%
 Cond 12.62 SAL 7.2‰
 Turb 11 Depth 1.8

4:10 Bridge Channel

PH 7.87 Temp 23.6
 O₂ 6.36 O₂ 84.3%
 Cond 33.93 SAL 21.3
 Turb 46 Depth 10.0'

PH 7.82 Temp 26.0
 O₂ 7.17 O₂ 93.9
 Cond 20.24 SAL 12.0‰
 Turb 7 Depth 2.2

GRANIT POINT

430

PH 7.63 Temp 25.9
 O₂ 7.25 O₂ 90.0
 COND 5.90 SAL 3.2‰
 Turb 29 DEPTH 4.6

PH 7.32 Temp 25.8
 O₂ 7.07 O₂ 87.8
 Cond 5.54 SAL 3.0
 Turb 25 Depth 1.6

more

Two posts ... Easternmost post is measurement

Log Bay	Post	North of Granite Point
pH 7.29	Temp	25.9
O ₂ 6.94	O ₂	85.5
Cond 3.59	SAL	1.9
Turb 33	Depth	5.8

Mid Bay

pH 7.04	Temp	25.9
O ₂ 6.82	O ₂	84.4
Cond 3.55	SAL	1.9
Turb 26	Depth	2.0

Marker 66

pH 7.02	Temp	25.2
O ₂ 6.63	O ₂	80.2
Cond 1.050	SAL	0.5
Turb 19	Depth	9.2

pH 6.7	Temp	25.6
O ₂ 6.68	O ₂	80.9
Cond 1.112	SAL	0.5
Turb 19	Depth	2.2

4-20-95

Seismic Test shots at
Bald Point -
E. of Hwy
Granite Point
State Park

4-21-95

Attempted to Shoot Seismic on selected
shore sites - DATA is inconclusive;
Will try again after adjustments.

4-27-95

Water quality Tests 12:56

BARD POINT

pH	8.0	Temp	21.4	
O ₂	6.99	O ₂	91.1%	fishy
Cond	38.76	Sal	24.7	
Turb	22	Depth	5.4	

pH	8.04	Temp	21.7	
O ₂	7.48	O ₂	96.9	fish
Cond	37.38	Sal	23.6	
Turb	10	Depth	2.0	

MARKER "29" 1:05

pH	8.01	Temp	21.4	
O ₂	7.3	O ₂	92.4	fish
Cond	32.48	Sal	20.3	
Turb	20	Depth	14.4	

pH	8.10	pH	21.7	
O ₂	7.41	O ₂	93.6	fish
Cond	30.56	Sal	19.0	
Turb	7	Depth	1.8	

Bridge (cleaning post)

pH	7.91	Temp	21.2	1:13
O ₂	7.39	O ₂	90.5	
Cond	28.45	SAL	15.5	
Turb	65	Depth	8.2	

pH	7.89	Temp	21.2	
O ₂	7.57	O ₂	91.8	
Cond	22.7	SAL	13.7	
Turb	12	Depth	1.8	

South Side post 1:17

pH	7.9	Temp	21.6	
O ₂	8.08	O ₂	96.7	
Cond	18.15	SAL	10.8	
Turb	15	Depth	6.4	

pH	7.89	Temp	21.9	
O ₂	8.32	O ₂	100.5	
Cond	17.64	SAL	10.5	
Turb	8	Depth	1.8	

Granite Point 1:25

pH	8.02	Temp	21.6
O ₂	9.08	O ₂	105.3
Cond	9.52	SAL	5.4
Turb	23	Depth	6.0

pH	8.05	Temp	21.9
O ₂	9.34	O ₂	108.6
Cond	7.86	SAL	4.4
Turb	15	Depth	1.8

Post (center of Bay) N. of G.P.

pH	7.79	Temp	21.5
O ₂	8.17	O ₂	94.5
Cond	9.32	SAL	5.3
Turb	19	Depth	8.6

pH	7.67	Temp	21.7
O ₂	8.14	O ₂	94.5
Cond	8.43	SAL	4.7
Turb	11	Depth	1.8

Marker 57 (Btgy Side Lagoon) 1:40

pH	7.50	Temp	21.9
O ₂	7.66	O ₂	89.7
Cond	12.22	SAL	7.0
Turb	11	Depth	10.8

pH	7.63	Temp	22.2
O ₂	7.70	O ₂	89.4
Cond	6.44	SAL	3.5
Turb	11	Depth	1.8

North Bend 2:11

pH	7.18	Temp	21.8
O ₂	7.81	O ₂	89.3
Cond	3.51	SAL	1.8
Turb	18	Depth	23.4

pH	7.18	Temp	21.9
O ₂	7.87	O ₂	90.4
Cond	3.49	SAL	1.8
Turb	15	Depth	15.0

pH	7.19	Temp	21.9
O ₂	7.85	O ₂	90.0
Cond	3.50	SAL	1.8
Turb	16	Depth	1.8

S. Bend of River 2:20

pH 7.16 Temp 21.8
 O₂ 7.56 O₂ 86.1
 Cond 2.32 SAL 1.2
 Turb 40 Dph 31.0

pH 7.13 Temp 21.8
 O₂ 7.51 O₂ 85.5
 Cond 2.35 SAL 1.2
 Turb 24 Dph 14.8

pH 7.08 Temp 21.9
 O₂ 7.52 O₂ 85.8
 Cond 2.21 SAL 1.1
 Turb 23 Dph 2.0

Q River @ Bear Creek 2:26

pH 7.08 Temp 22.2
 O₂ 6.63 O₂ 75.8
 Cond 0.614 SAL 0.3
 Turb 16 Dph 10.8

pH 7.0 Temp 22.2
 O₂ 6.52 O₂ 74.6
 Cond 0.626 SAL 0.3
 Turb 16 Dph 1.8

PARK

pH 6.96 Temp 22.4 2:35
 O₂ 6.28 O₂ 71.8
 Cond 0.144 SAL 0.1
 Turb 18 Dph 9.0

pH 6.93 Temp 22.4
 O₂ 6.16 O₂ 70.7
 Cond 0.144 SAL 0.1
 Turb 14 Dph 1.6

MARKER 6.6

2:50

pH 6.75 Temp 21.8
 O₂ 7.50 O₂ 86.5
 Cond 5.63 SAL 3.1
 Turb 16 Dph 9.2

pH 6.93 Temp 22.1
 O₂ 7.77 O₂ 90.2
 Cond 4.91 SAL 2.7
 Turb 13 Dph 1.6

more

3:10 Off Boat Ramp Canal

PH 7.88 Temp 21.7
 O₂ 7.01 O₂ 90.7
 Cond 36.74 SAL 23.3
 Turb 6 DPH 4.6

PH 8.07 Temp 22.2
 O₂ 8.11 O₂ 105.3
 Cond 34.68 SAL 21.9
 Turb 3 DPH 2.0

od
 peric 1 5-2-95 Seis sheet

DATA

PHONE Time

1 33 — Air blow (11:11)

2 66 175

3 99 255

4 132 320

5 265 440

6 198 510

7 231 620 520

8 264 765 —

9 297 855 580 -

10 330 890 630

11 363 — 660 -

12 396 —

ach.

phon

Rank 2 1 33 65
 90° out 2 66 155 12:20
 90° out 3 99 220
 from 155 4 132 325
 shut 5 165 ?
 6 198 380
 7 231 435
 8 264 470
 9 297 570
 10 330 665
 11 363 —
 12 396 —

$V_0 = 4000 \text{ ft/sec}$
 $V_1 = 10,000 \text{ ft/sec}$

42' @ 65

5-3-95 Seis sheet

Fire tower #1

LS @ 391

5-5-95 H₂O Qual

MASTERS ISLE Boat Ramp

pH	7.98	Temp	24.1 °C
O ₂	5.90	O ₂	80.0%
Cond	36.33	SAL	22.9
Turb	6	Dpt	6.8

FISH
2:40pm

pH	8.09	Temp	26.7
O ₂	6.52	O ₂	90.5
Cond	30.58	SAL	18.8
Turb	2	Dpt	2

FLSA

BALD POINT

pH	8.04	Temp	25.6
O ₂	6.26	O ₂	87.7%
Cond	37.23	SAL	23.5
Turb	6	Dpt	3.6

2:53

pH	7.89	Temp	27.0
O ₂	6.31	O ₂	87.8
Cond	31.69	SAL	19.7
Turb	5	Dpt	1.8

WATER

MARKER 29

pH	8.02	Temp	24
O ₂	6.01	O ₂	80.9
Cond	35.66	SAL	22.5
Turb	8	Dpt	12.6

3:10

pH	8.2	Temp	26.6
O ₂	7.22	O ₂	96.9
Cond	22.88	SAL	13.8
Turb	4	Dpt	1.8

BRIDGE

pH	8.0	Temp	24.0
O ₂	6.30	O ₂	83.0
Cond	34.71	SAL	21.8
Turb	15	Dpt	8.8

pH	8.35	Temp	27.6
O ₂	7.76	O ₂	103.7
Cond	15.17	SAL	8.8
Turb	7	Dpt	1.8

S Side Post

(8:30)

pH	8.02	Temp	24.5
O ₂	6.49	O ₂	85.4
Cond	27.64	SAL	17.0
Turb	66	Dpt	12.8

pH	8.65	Temp	28.0
O ₂	8.75	O ₂	115.7
Cond	12.20	SAL	6.9
Turb	9	Dpt	2.2

Granite Pt

3:38

pH	7.94	Temp	24.2
O ₂	6.01	O ₂	78.4
Cond	27.29	SAL	16.7
Turb	10	Dpt	6.8

pH	8.49	Temp	26.6
O ₂	8.72	O ₂	112.1
Cond	11.55	SAL	6.6
Turb	13	Dpt	2.2

Post (middle bay)

pH	8.08	Temp	27.0
O ₂	7.89	O ₂	101.1
Cond	8.83	SAL	4.9
Turb	14	Dpt	4.4

3:48

pH	8.29	Temp	28.2
O ₂	8.28	O ₂	107.9
Cond	6.83	SAL	3.7
Turb	13	Dpt	2.6

Marker 57 (City St)

pH	7.59	Temp	26.5
O ₂	7.21	O ₂	92.8
Cond	14.68	SAL	8.5
Turb	12	Dpt	12.4

pH	7.6	Temp	27.4
O ₂	6.96	O ₂	89.0
Cond	8.65	SAL	4.8
Turb	27	Dpt	2.2

North Bend

pH 7.54 Temp 24.3
 O₂ 6.09 O₂ 74.5
 Cond 9.76 SAL 5.5
 turb 48 Dpt 30.1

4:14

pH 7.56 Temp 24.4
 O₂ 5.89 O₂ 70.8%
 Cond 6.61 SAL 3.6
 turb 41 Dpt 18.2

pH 7.73 Temp 26.5
 O₂ 6.29 O₂ 78.0
 Cond 0.934 SAL 0.5%
 turb 12 Dpt 2.8

South Bend

pH 7.35 Temp 24.3
 O₂ 5.46 O₂ 65.0
 Cond 1.422 SAL 0.7%
 turb 22 Dpt 22.2

4:20

pH 7.25 Temp 24.5°C
 O₂ 5.54 O₂ 66.1
 Cond 0.572 SAL 0.3
 turb 12 Dpt 10.2

more

South Bend

pH 7.2 Temp 25.2
 O₂ 5.71 O₂ 69.0
 Cond 0.496 SAL 0.2
 turb 12 Dpt 1.8

Bear Creek & Riv

pH 7.37 Temp 25.0
 O₂ 5.93 O₂ 70.0%
 Cond 0.2321 SAL 0.1%
 turb 24 Dpt 9.2

4:30

pH 7.13 Temp 25.0
 O₂ 5.78 O₂ 69.6
 Cond 0.260 SAL 0.1
 turb 17 Dpt 2.6

Park & Riv

4:38

pH 7.28 Temp 24.9
 O₂ 5.70 O₂ 68.4
 Cond 0.074 SAL 0.0
 turb 15 Dpt 9.8

pH 6.97 Temp 25.3
 O₂ 5.70 O₂ 68.8
 Cond 0.084 SAL 0.0
 turb 13 Dpt 2.8

marker 66
 pH 7.02 Temp 25.0
 O₂ 6.15 O₂ 78.6
 Cond 6.24 SAL 3.4
 turb 14 Dpt 8.0

pH 7.1 Temp 26.5
 O₂ 6.69 O₂ 85.1
 Cond 6.16 SAL 3.4
 turb 14 Dpt 2.2

5-9-95
Shooting Seis today

- ① Bald Pt
- ② Washer Pt

5-11-95
 attempted 30' core on ^{over} BRA
 Bald Point (6' recovered)

R-22 Bay - 6-1-95
 time 1:04 pm
 1:30 pm
 ORV's water depth - 8.25
 Top salt to LS = 16' thickens
 9' above Sed - 11.75' feet of penetration
 7' 11" recovery.
 Took ORV's Vibracore

1/2 way between Shore & R-22
 16' deep - 3:30
 28' from LS = 14' sed
 gray-brown clay caught on pipe
 shelly - sand feel at surface

4:15 @ marker C 10 1/2' water
 19 1/2' of BS pipe - 9' of
 sed above LS muddy - shelly SS -
 rubble on top of LS

Marker 14 5:00 pm

16' water Depth - 29' from well
 13' of sed gray-brown clay (w/SS) at base
 thick seg.

6-8-95 Joe D. Cliff SET

11:29, Humid, cloudy, 11th am (TIDE FALLING)

STATION A TURTLE I

- station closest to landing

A B C D

WEST NO SO EAST

1	37.6 (cm)	38.1	38.5	37.7 cm
2	38.0	39.1	38.0	37.65
3	38.0	39.5	37.25	38.0
4	39.15	38.55	37.45	37.75
5	36.4	37.9	38.15	38.4
6	36.5	38.6	38.1	37.3
7	38.85	38.95	37.85	37.2
8	39.0	39.1	37.6	37.35
9	38.6	39.2	38.15	37.8

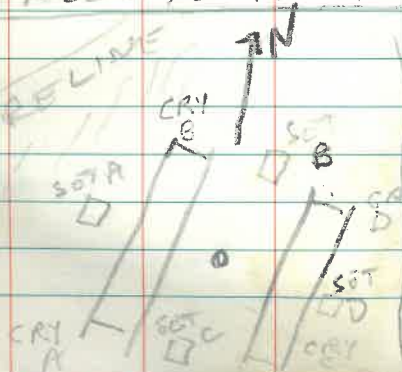
AVG

NO NO NO NO CR70
FOOTPS FOOTPS FLD OBS CORES
OBSER OBSER OBS OBS (mm)

NOTE: NEED TO RE-APPLY FELD SPAR

NOTE

SET meas-
urements from
surface of
SET plate to
top of breeze
disk



6-8-95 TURN I

STATION B

(- station furthest from shore)

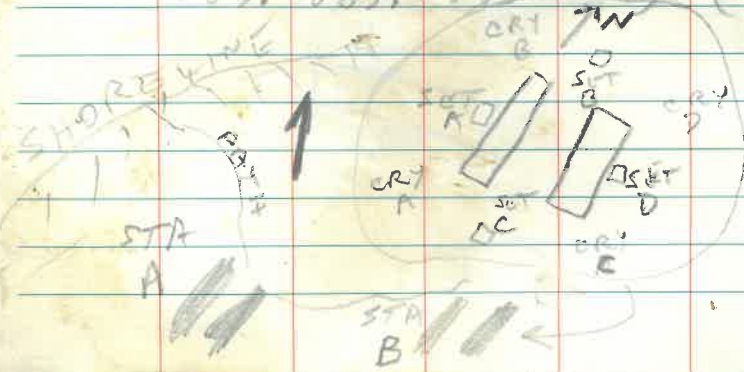
A B C D

WEST NORTH SOUTH EAST

1	38.2	40.1	39.2	39.0
2	37.6	38.65	38.75	38.5
3	37.9	39.4	38.7	38.85
4	38.4	39.6	38.95	38.05
5	38.65	39.3	39.65	38.1
6	37.85	38.35	38.6	38.65
7	37.7	39.3	38.25	38.35
8	39.0	39.9	39.45	38.75
9	38.85	39.5	39.20	38.75

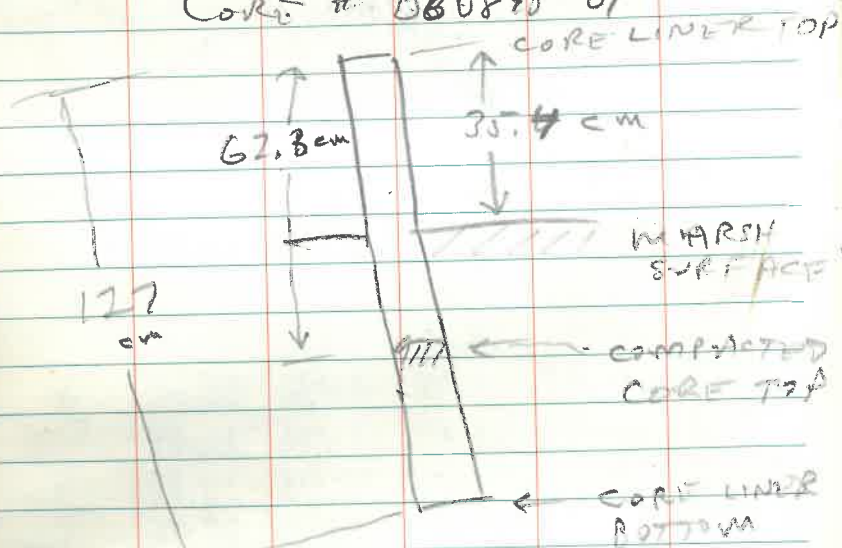
AVG

NO NO NO NO CR70
FOOTPS FLD FLD FLD CORES
OBS. OBS. OBS OBS (mm)



6/8/95 TURTLE 1 - Pb-710
CORE

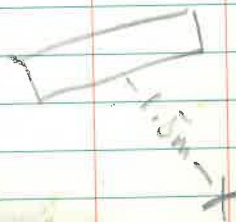
- 3" CAB LINER
CORE # DB0895-01



ACTUAL CORE LENGTH: 59.5 cm
(5 cm DROPPED OUT)

STATION A

LOOK
NORTH



CORE
LOCATION

6/8/95 From Turtle 1 S255
Azimuth to water tower
N 90° E

Azimuth to "Middle" of Bridge
310°

Azimuth to Mantra Bldg. (N Side)
N 70° E

6-15-95 BARD R - SET.

Joe D.
CLIFF10⁴⁰ AM warm, clear, breezy,
Falling Tide (low tide around)

STA. A

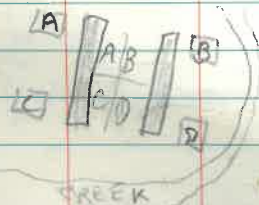
	A	B	C	D
(cm)	NW	NE	SW	SE
1	32.6	32.6	34.3	33.9
2	35.1	32.9	32.4	34.0
3	34.7	32.3	33.8	34.5
4	34.2	31.5	34.0	34.2
5	34.6	32.6	32.9	33.6
6	32.7	32.6	32.2	33.0
7	34.5	31.6	32.2	34.8
8	34.1	33.4	33.9	33.4
9	33.4	32.8	34.1	33.7

AVG.

1	6.9	NO	10.4	NO	CRYO CORES (mm)
2	10.7	FELD.	7.3	FELD.	
3	7.6	OBSER.	9.8	OBS.	
4	6.7	VED	2 ND CORE 1 ST CORE IN FOL		

□ = CRYO
CORESSTA
B

N

NOTE: measuring SET elevation
from upper surface of plate
to top of brass disk.

	STA A	B	C	D
(cm)	NW	NE	SW	SE
1	40.0	40.6	40.3	40.4
2	38.1	41.2	40.2	41.1
3	40.1	40.3	41.0	39.9
4	37.8	41.8	41.5	37.7
5	40.0	41.0	41.9	39.3
6	41.2	40.4	41.6	40.5
7	37.5	39.3	41.7	38.5
8	39.3	37.6	42.6	39.2
9	40.1	37.6	42.5	40.1

AVG

1	3.7	4.2	NO	8.0	CRYO CORES (mm)
2	6.8	3.5	FELD.	6.8	
3	3.4	3.2	OBSER.	4.0	
4	4.1	VED	7.1		

① New cryo plots established
at A only - see next pageNOTES: Depression in surface
around SET post at:

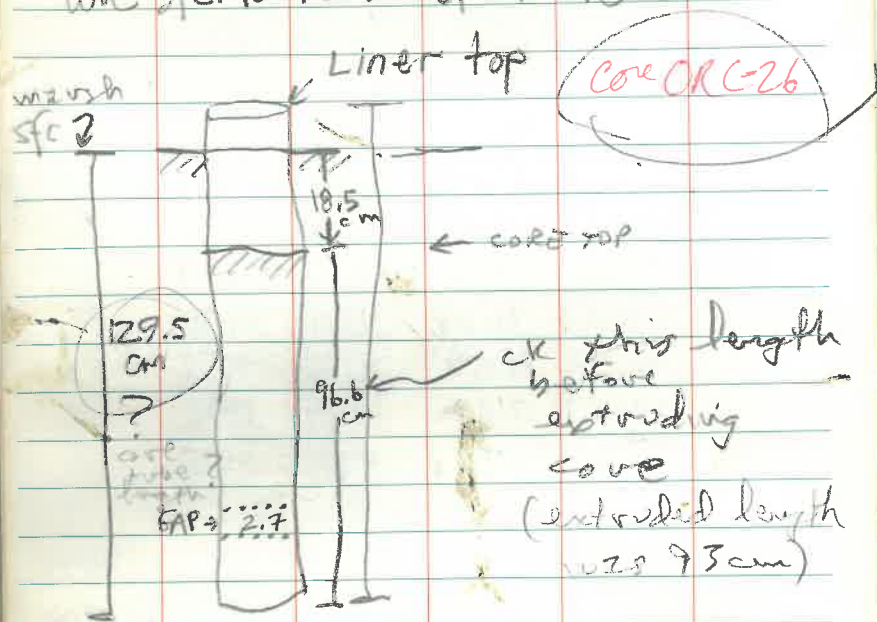
"3" corner. Affects pts 7-9

② need 2"x6" cross piece
at each station

6/15/95 P6-210 CORE JOE CLIFF

*CORE @ Station "A" (3" CAS LINER)
CORE #061595-01 (BAND PT)

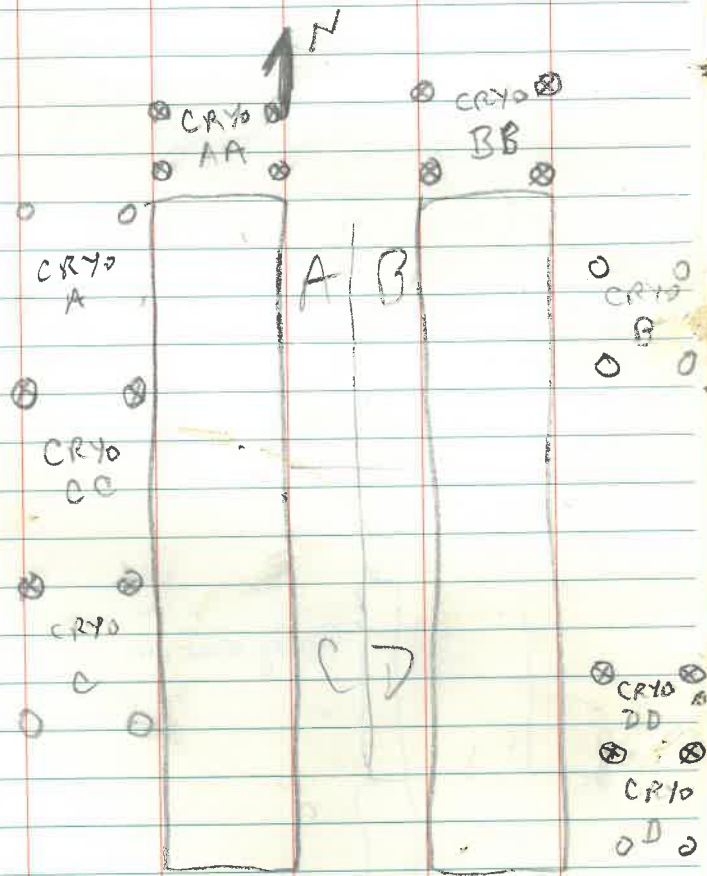
Core Sfc. to marsh Sfc: 18.2 cm



$$\begin{array}{r} \text{Gap: } \sqrt[2]{3.3} \\ 3.2 \\ 1.8 \\ \hline 5.3 \end{array} \quad \begin{array}{r} 27 \\ 2 \overline{) 83} \\ \underline{6} \\ 23 \end{array}$$

6/15/95 Band Pt - STA A

New Core Core Plot



O = original flags

X = new flags (new plots)

6/23/95

Bald Pt. Sta A - Pb-210 Core
EXTRUSION (CORE 061595-01)

JOB/CLIFF

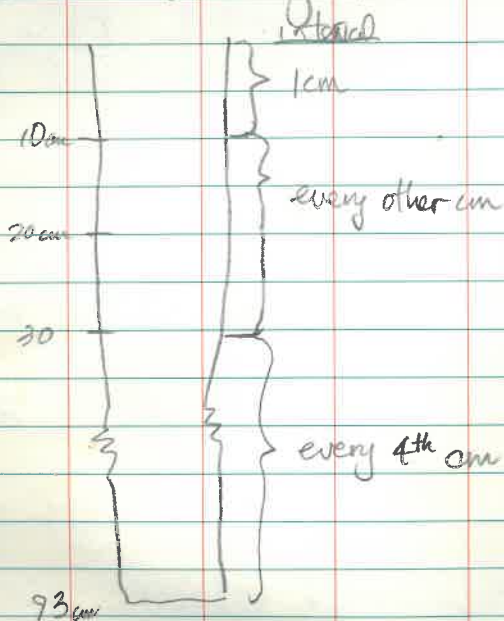
Length before extrusion: 93.0 cm

extrusion information / methodology

1st 10.0 cm of core $\Rightarrow$ every 1 cm

10 - 30 cm - every other 1 cm

30 - end $\Rightarrow$ every 4th cm.



BPA
W-17345

Note core 061695-01

'Sandy layer beginning @ 67 cm,
becoming clearer toward
bottom, continuing to bottom

Note: extruding ring was
8 mm rather than 1 cm.
Adjust intervals for
8 mm thickness

Note 54-55 cm
sent to beta for radio carbon
dating (located right above sandy layer).

6/15/95

SETS ELEVATION SURVEY

BAZD PT.

STA. "A"

ROD
LOC. (FT)

ELEVATION 3	1	3.559	(from "X" tripod)
OF TRANSIT	2	1.732	(from "X" tripod)
22.100	2	4.22	(back to 2) from 3
ABOVE SET	4	2.81	(from 3)
PIPE TOP	4	5.815	(back to 4) from 5
	6	6.888	(from 5)
	6	6.162	(back to 6) from 5
	8	4.46	(from 7)
	8	6.95	(from 9)
	10	5.35	(from 9)
	10	5.14	(from 11)
	12	5.26	(from 11)
	12	5.85	(from 13)
	14	5.16	(from 13)
	14	5.37	(from 15)
	16	5.55	(from 15)
	16	5.36	(from 17)
	18	4.33	(from 17)
	18	6.19	(from 19)
	20	3.53	(from 19)
	20	6.51	(from 21)
	22	3.89	(from 21)
	22	5.217	(from 23)
mon	22	6.976	(from 23)

CHICKEN
RIVER
MOUTH

#3

TRI-
POD#7
STAKE
(ROD)SHORE-
LINE

CREEK

SAND

RIDGE

N

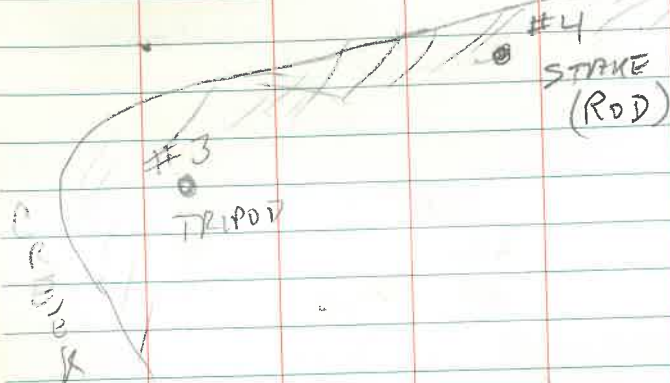
STATION A

#1
SET

3.559

"X" TRIPOD

0 C17 LOCKRONE
MOUTH



SCUFF

#5
TRI-
POD

#6
STAKE
(ROD)

#7
TRIPOD

PARKING
AREA
(BLACK-
TOP)

R
O
A
D
(ROD)
#8
NAIL
IN
ROD

#9

TRIP

1983-84

6/21/95 Ochlocknee R. Survey

Gazett Pt.

- Monument Bay 2-1973

(7.99' NGVD)

Found. c. 20' from
dead pine trunk at
shoreline at end of
jeep road

- Hurricane Allison (6/17/95)

Storm wreck found at

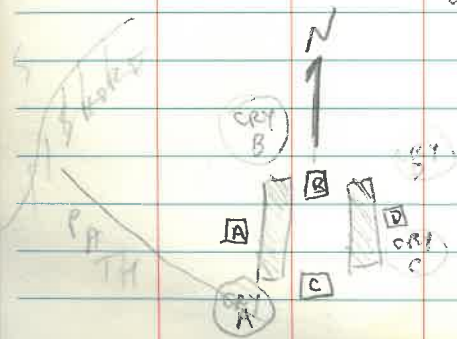
~ 7' NGVD near
monument.

6/24/85 J. CLIFF

warm, cloudy, rain starts 11:00 AM
STATION A TURTLE I (HIG/7)
(TIDE)

(cm)	A	B	C	D	NOTE
	W	N	S	E	
1	38.5	39.0	38.5	38.1	
2	38.3	39.5	38.7	38.6	
3	38.5	39.7	38.2	37.3	
4	38.5	39.1	39.2	39.0	
5	38.4	38.8	38.9	37.8	
6	38.5	38.9	38.0	37.5	
7	38.9	40.0	39.0	38.5	
8	38.8	39.2	39.7	38.2	
9	38.4	40.0	38.2	38.4	
AVG					

NO NO CR/D
FOLD FOLD. COR/D
OBS. OBS.



STATION B

(cm)	A	B	C	D
	W	N	S	E
1	39.2	39.0	38.1	40.5
2	39.0	39.0	37.8	39.5
3	37.6	39.7	36.0	39.7
4	38.9	38.8	39.2	40.8
5	39.4	39.5	39.2	40.0
6	37.9	38.7	37.8	38.6
7	34.4	38.6	39.2	39.8
8	38.1	40.3	39.4	38.6
9	39.3	37.8	39.2	40.0
AVG				

AVG

CR/D
COR/D

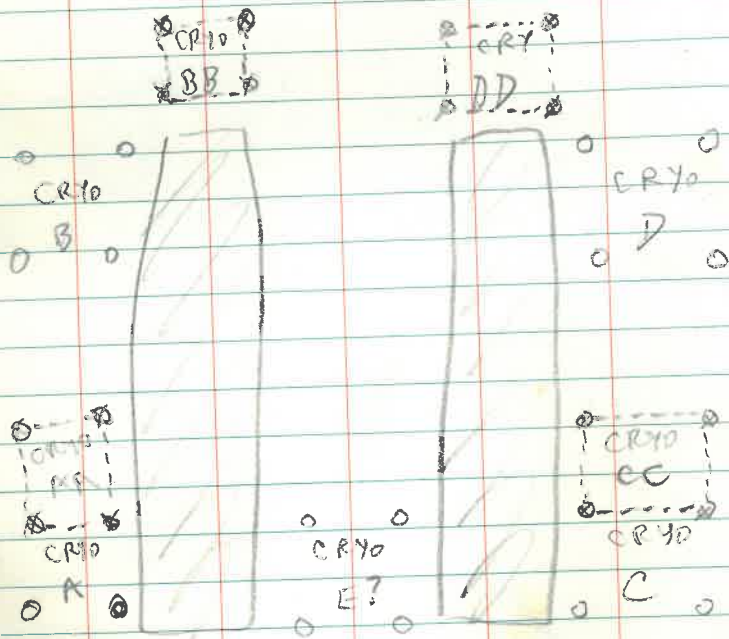
NOTE: NEW CR/D POINT (STATION A)
INSTALL. SEE
NEXT PAGE →



6/21/95 TURTLE 2.

NEW CRYO PROS
AT TURNER I,
STATION A

PLOTS AA
 BB
 CC
 DD



0 = original flag

⑧ = new flags

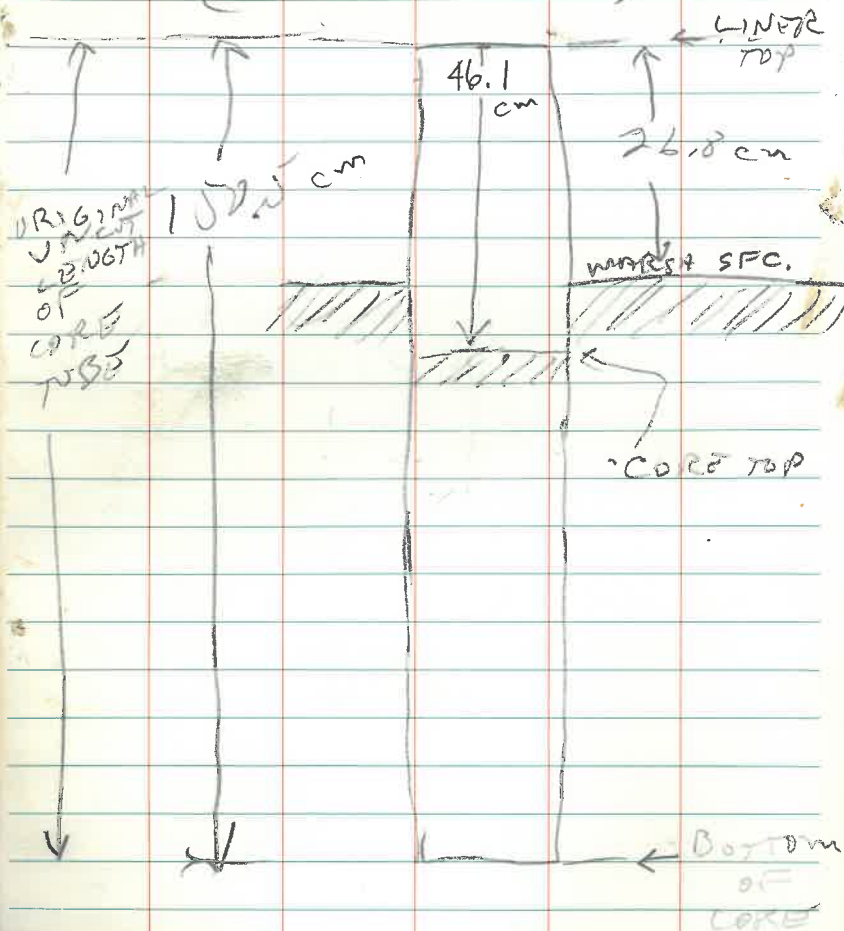
6/3/95

NOTES

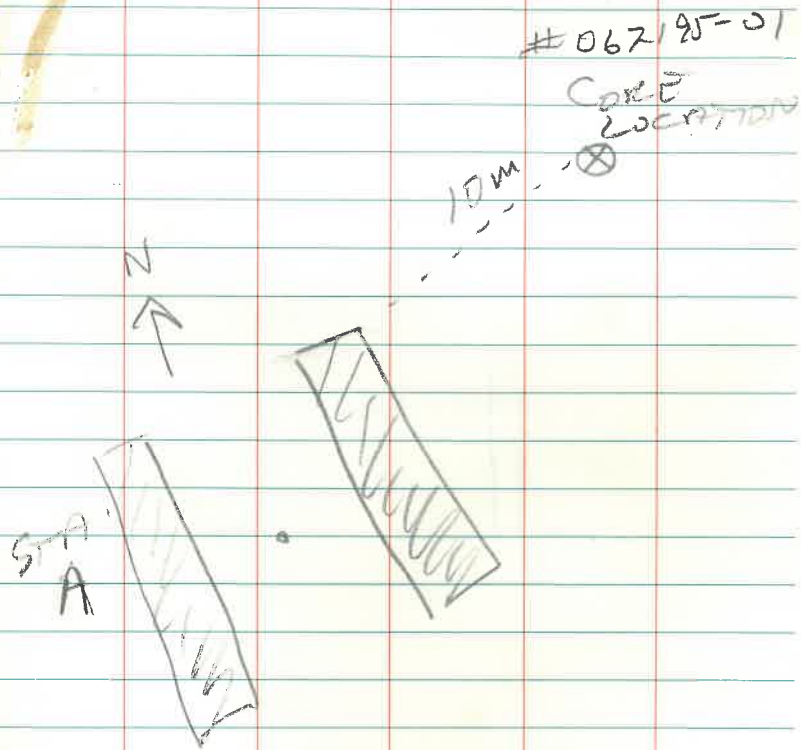
STV A

- ① ORIGINAL CRAYD PLOTS
A, B, C, D HAD NO
FELDSPAR OBSERVED
- ② FIFTH (?) ORIGINAL CRAYD
PLOT (E ?) WAS NOT
SAMPLED
- ③ NEW PLOTS ESTABLISHED
6-21-95: AA, BB, CC, DD
(STA. A ONLY)
- ④ FELDSPAR RAN OUT. NO
FELDSP. APPLIED TO AA

6/21 Pb-210 Core
 TURTLE I - STA A
 CORE # 062195-01
 (3" CAB LINER)

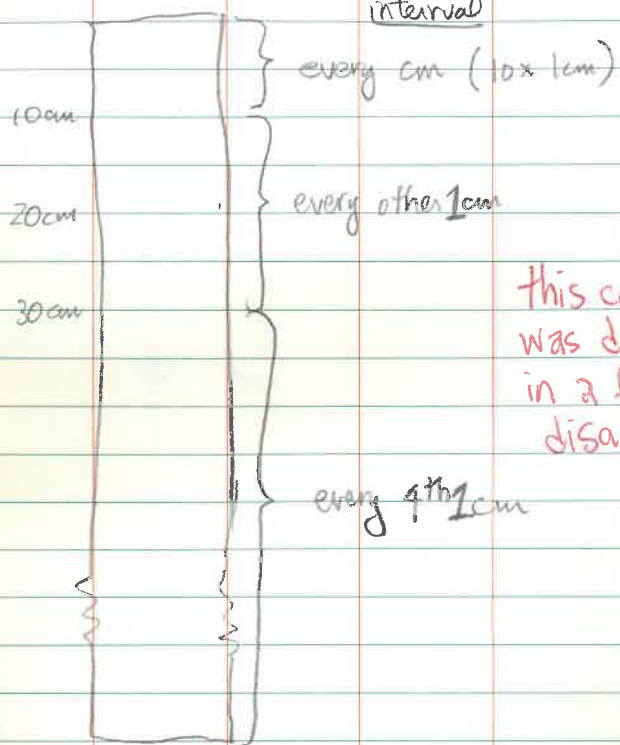


Recovered Core Length: 104.4 cm



6/23/95 TURKEY ISLAND CORE (Pb-210)
(CORE 062195-01)

Length before extrusion: 103 cm



this core
was destroyed
in a fire
disaster.

every 4th 1cm

062195-01 Pb Core

Note: 83-86cm taken as ^{14}C date

7-9-95 H₂O Quality

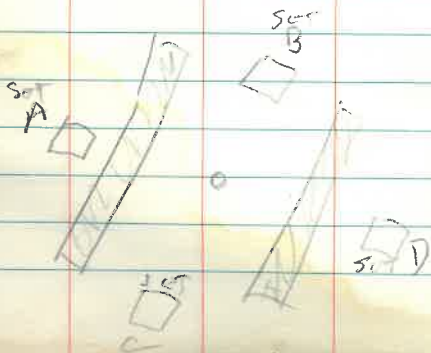
BALD PT. / MKR 29 / S. SIDE POST / CNTRL. POST
LAUNCH SITE / BRIDGE / GRANIT PT / MKR 57
N. BEND / S. BEND / BEAR CK / PARK / MKR 66

7/2/95 TURTLE ISLAND Cliff Joe
 SALT (HIGH TIDE) Tonn
 Hot, humid overcast 10¹⁵Am
 STA A (closest to LANDING)

	A	B	C	D
	W	N	S	E
1	38.5	38.2	38.2	40.4 / 40.1
2	38.4	38.2	38.1	39.8 / 38.4
3	38.6	38.9	38.2	38.0 / 39.5
4	38.2	38.2	38.4	40.2 / 39.0
5	37.1	38.8	38.7	39.9 / 40.2
6	37.0	38.8	38.6	38.5 / 39.0
7	37.5	39.1	38.7	39.6 / 38.9
8	38.2	38.7	39.1	39.4 / 39.5
9	39.4	39.7	38.9	39.9 / 38.5

Avg

CR	BB	CC	DD
2.5	3.7	1.7 mm	
3.0	1.4		
3.6	1.9		



STA. B

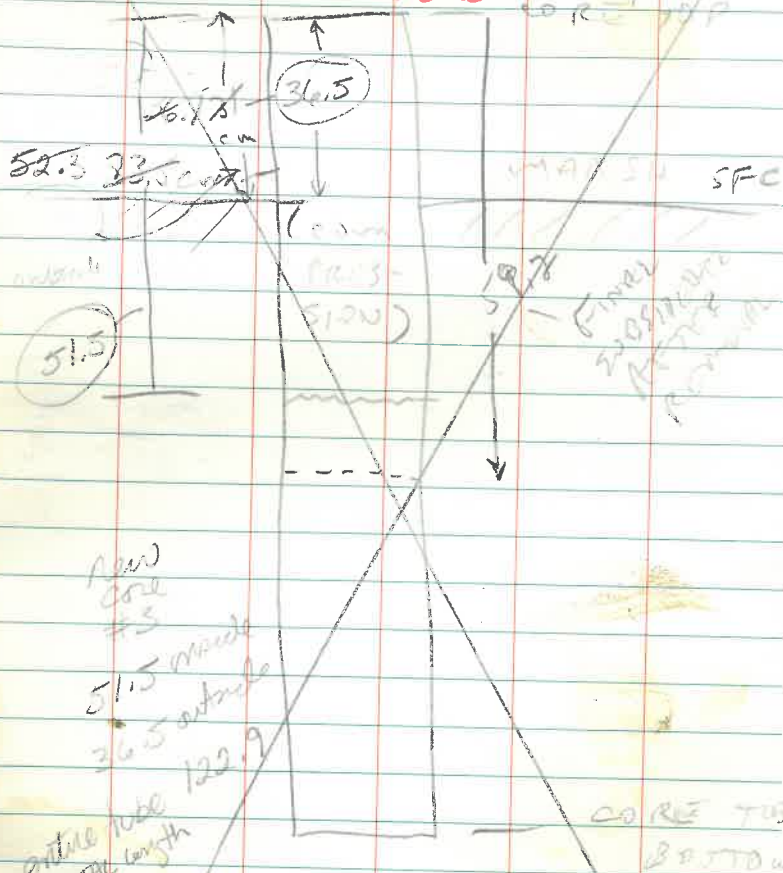
	A	B	C	D
	W	N	S	E
1	38.6	39.8	38.8	38.8
2	38.3	40.2	38.7	38.2
3	38.8	40.0	38.0	39.1
4	38.7	39.4	38.5	39.8
5	37.4	39.3	38.3	38.7
6	39.1	40.0	38.2	38.6
7	38.9	39.5	38.3	40.1
8	39.7	38.9	32.0	38.6
9	39.2	39.4	38.1	37.9

Avg

7/8/95 708 15.000

Core # 071895-71

↳ ORC-27



new
core
#3

#3
51.5 made

51.5 m
36.5 outside
122.9

ENTIRE tube
TIDAL length

25.0

59.2

top of tube

to core
Cut of 19.5 cm

Pb-
20/
COP/

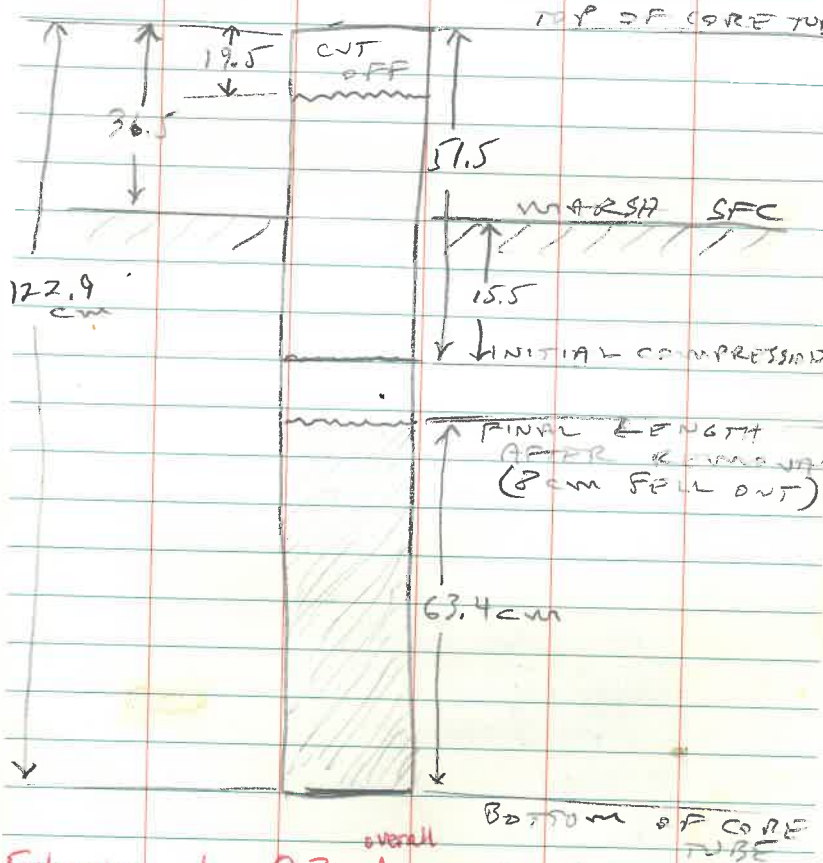
7/18/95

(THIRD-TWIST 1 CORE)

TURTLE IS A N

P6-210 Core

071895-01



Extrusion notes: ① 3cm³ compaction during extrusion
10 1cm intervals (0-10cm) taken for top 10cm
followed by 1cm samples @ 15-16cm, 20-21cm,
26-27cm, 32-33cm, 38-39cm, 44-45cm, 47-48cm

BALD
PT

SETS

7/10/05

10:00 PM
JBC

3:00 pm Hot, Humid, Overcast

LOW TIDE

STN A

	A	B	C	D
	W	N	S	East

1	35.8	32.5	32.7	33.4
2	35.0	33.4	35.1	34.3
3	34.5	33.2	35.0	34.3 34.7
4	33.8	33.5	33.5	35.6
5	34.2	33.2	34.0	34.0
6	34.9	33.3	33.5	34.0
7	35.3	33.8	33.5	32.6
8	36.2	34.0	34.2	34.2
9	34.2	32.7	35.0	34.0

AVG

CR 10	AP	BC	CC	DD
	feldspar	5.0mm	feldspar	14.4mm (?)
	@ surface	2.5mm	@ surface	16.5mm (?)
	No reaction		0mm	
	taken (0.0mm)			

10
C
D

STN B

	A	B	C	D
	W	N	S	East

1	40.4	41.1	41.2	40.1
2	32.0	40.9	40.5	40.1
3	38.5	39.5	41.1	39.3
4	38.7	41.9	41.2	40.6
5	39.0	39.5	40.0	40.4
6	40.3	38.9	41.0	40.2
7	37.4	39.6	41.6	40.2
8	38.1	38.2	42.2	40.5
9	39.6	38.4	42.9	40.1

AVG

CR 10	no	NO	NO
(mm)	feldspar	CR 10	CR 10
3		0BS	0BS
4		WTC	(2 cores)

B-KRND
(3 cores)

SAND RIDGE

10
C
D

10/3/95

12:40 pm

Bald Point Launch

PH

6.85

Temperature

27.4

①

PH 6.85 Temp 27.4

O₂ 4.61 Flash O₂ 67.1

Cond 49.92 SAL 26.1

turb 28 Depth 16

②

PH 7.87 Temp 27.7

O₂ 4.73 flash O₂ 69.0

Cond 40.1 Sal 25.4

Turb 8 Depth 2.2

NOTE:

DOT Boring for highway construction, penetrating

Limestone in Ochlockonee study area.

Boring MG @ 29°52.8' N, 84°35.8' W

near Lanark Village: elevation is 2'.

LS @ 9' (Intra-coastal), 22' (Hawthorn?),
23.5' (Chapala).

Boring MO @ 29°55.8' N, 84°27.3' W

South of Hwy 98 near St. Teresa: elevation

is 10' : 25' (Chapala?) LS

8'-48"

1st August 3-24-55 Day

5-15' tan med fine gr ss

15'-23' white fm - med gr ss

23-26 lt tan fm - med gr ss

26-42 fm. coarse med ss w/ cl
large conc. fossil

42-46 brn ss da.

46-48 post claus. pebbles
ss.

~~Intersect~~

3rd
Aug 4034

Near Camp River

N Side of Rd / west of Main

5 1/2 - 1 1/4

0-75' gray Vry clay ss

dk. gray - black pebbles ss

gray ss clay

st. fl. clay w/ pebbles

st. fl. green clay (Intercoastal?)

WOLC x-act. in pebbles

MARLINA
ARCT

BOAT L. well

BL

0-1

fill

1-22

ss dk grey coarse l. med

22-32

clgy ss dk. l. grey

31-4

ls

Hwy on top of High in near Schellbush

0-45

coarse bedded tan ss
more clayey toward base

45-LS

BR

8-25-94 11:00
Bullas

Budd

0-50 SS w/ minor clay

LS @ 50

BALD Bunk

BR

LS - 64

GP Granite Pt
46-47

50 m

Pin Bat Lamb

0-1 ss fill

1-38 much to clay

39-45

9/18/95

OCHLOCKONEE Pb-210 GRES

TURTE 1

BAND 2

(NEED 2nd
CORE)

060895-01

59cm

071895-01

63cm

-sampled for Pb-210

062195-01

103cm

-melted down

-sp for C-14

061595-01

93cm

-sampled for Pb-210

& C-14

9/8/95

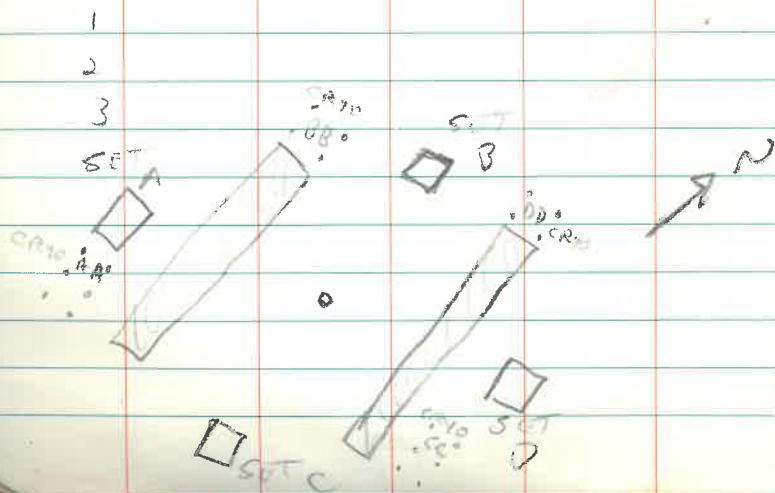
TURTLE I SET

Cliff
Joe25° Partly cloudy breeze
(High tide/spring tide)

STA A (Closest to Landing)

	A	B	C	D
	(W)	(N)	(S)	(E)
1	37.0 ^{CM}	39.3	38.0	40.4
2	38.0	38.5	38.1	37.9
3	38.1	38.5	38.0	37.5
4	37.9	38.5	38.0	40.0
5	34.4 ^{FORE ROW}	38.1	38.8	39.9
6	38.6	38.2	38.6	38.5
7	38.5	39.0	38.2	39.4
8	37.0	38.5	38.7	38.2
9	38.5	38.6	38.7	39.9

AVG

CRYO ~~AA~~ BB CC DD

STA B

	A	B	C	D
	(W)	(N)	(S)	(E)
1	39.2	40.0	38.6	38.4
2	39.0	39.2	38.2	37.0
3	37.2	40.0	39.0	39.0
4	38.9	39.4	39.1	38.5
5	38.9	39.5	38.9	38.4
6	37.8	38.0	38.4	38.5
7	37.7	39.3	39.0	38.7
8	38.4	39.3	38.4	38.3
9	38.8	39.3	38.7	37.5

AVG

CRYO

1
2
3 (NEED TO ESTABLISH
NEW CRYO PLOTS
NEXT TIME)

~~Apply Fedspar to STA A, CRYO AA only~~
~~" " STA B, new~~
~~plots AA, BB, CC, DD~~

COULD NOT APPLY FEDSPAR DUE
TO HIGH TIDE. NO CRYO CORES
ESTABLISH NEW PLOTS NEXT TIME.

ROAD PT SET

STA A

1

2

3

4

5

6

7

8

9

Aug

CRID AA BB CC DD

1

2

3

4

SEE FOLLOWING
PAGE(S)

STA B

SEE FOLLOWING
PAGE(S)

CRID AA BB CC DD

1

2

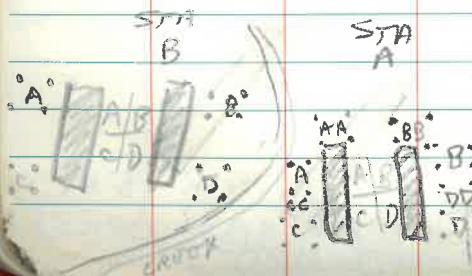
3

4

(NEW PLOTS ^{TO BE} ESTABLISHED)

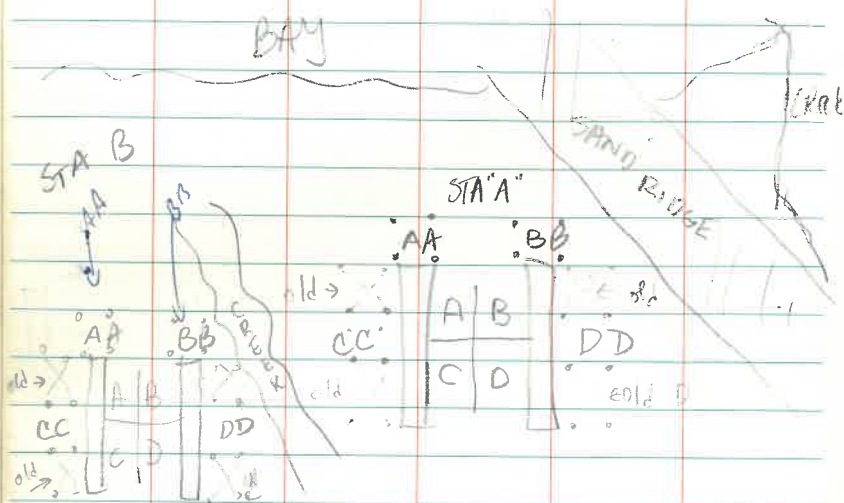
(NO FIELD OBS IN ORIG PLOTS)

APR, Fieldpar to new plots
at STA B. (Plots AA, BB, CC, DD)



9/15/95 Bald Point

Established new cryogenic/feldspar plots at both station B



Note: some old flags for old cryo plots were used to delineate new cryo plots. (Flags from center of plots)

9/15/95

OCHLOCKONEE

Joe, Cliff

2:00pm

BALD POINT SET

Sunny, calm winds, hot
(low tide @ 12:30pm)

SET measurements STA "A"

(cm)	A(NW)	B(NE)	C(SW)	D(SE)
1	35.3	33.2	34.8	33.7
2	35.1	32.0	34.8	34.5
3	35.3	31.4	34.7	34.1
4	34.2	32.0	34.3	35.1
5	35.4	31.4	35.3	34.6
6	34.8	31.6	33.9	35.1
7	33.9	32.2	34.6	33.1
8	34.6	31.5	35.0	35.1
9	34.7	32.2	34.8	35.6
<u>Avg</u>	34.8	31.9	34.7	34.5

<u>CRYO</u>	AA	BB	CC	DD
1	8.5	5.75	12.2	11.7
2	9.2	7.60	11.3	9.8
3	7.8	5.70	15.1	-

9/15/95 Bald point (cont)

STATION "B" (see map on previous page)

cm	A	B	C	D
1	40.6	41.4	41.5	39.6
2	41.7	41.6	41.3	39.9
3	39.9	41.0	41.9	40.4
4	40.9	42.9	42.4	40.6
5	37.9	41.8	41.4	40.3
6	40.6	41.4	42.5	38.6
7	39.2	41.2	41.1	39.4
8	36.4	40.7	42.3	40.0
9	39.2	41.2	43.3	38.7
AVG	39.6	41.5	41.96	39.7

CRYO: NONE NONE NONE NONE

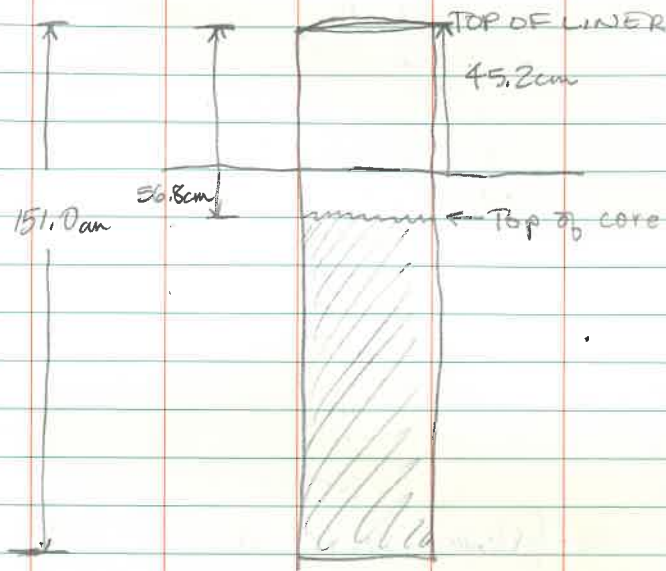
Found.

established
new plots

9/15/95 Bald Point.

Backup core: core 091595-01

... dimensions before extraction



Total core length after extraction: 93.5 cm

Other note:

Cryo core collected from Bald pt. Station B

Plot 2 (old plot) No field spar observed

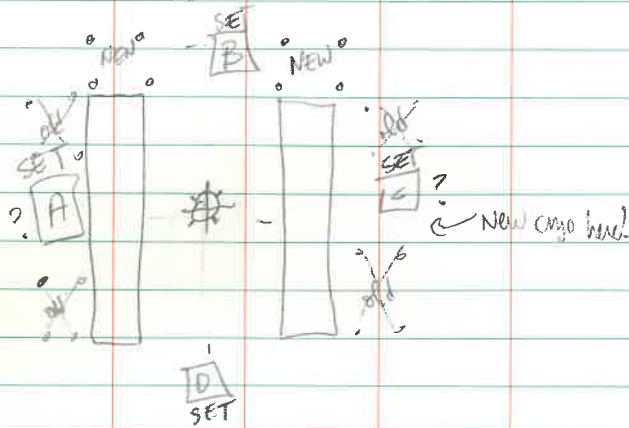
9/15/95

TURTLE ISLAND

Installed 4 new cryogenic plots: Station

"B" see below:

STATION B



NOTES:

No feldspar added at station "A"

H. OPAL (10/4/95)
10-17-95

Teddy's Jack
11:15 AM

BALD POINT

STA.	A	NW	B	NE	C	SW	D	SE
Qm	1	32.9	32.9	31.8	30.6			
	2	34.2	32.6	34.2	32.6			
	3	32.6	30.8	32.2	32.1			
	4	33.5	32.2	34.0	24.9			
	5	34.0	31.9	33.7	31.9			
	6	30.9	30.9	34.1	32.2			
	7	30.8	30.8	32.9	30.0			
	8	33.3	31.2	32.2	32.6			
	9	31.3	31.2	34.2	32.0			
CAD	1	7.65	10.25	No	No			
Qm	2	8.26	8.05	Spur	Spur			
	3	9.77	7.00	Visible	1. 1/2			
	4	--	8.60	Visible	1. 1/2			

BALD POINT

STATION B

QAD	A	NW	B	NE	C	SW	D	SE
1	32.9	32.9	31.8	30.6	39.8	40.1		
2	36.5	40.8	40.2	40.9				
3	37.9	40.1	41.2	40.1				
4	37.3	37.9	41.4	37.9				
5	38.0	40.0	40.6	38.9				
6	38.0	40.4	40.8	38.2				
7	40.2	39.8	41.2	40.7				
8	39.3	35.3	41.6	39.1				
9	39.6	35.0	39.7	38.0				

Qm	1	K Spur	K Spur	No Spur	No Spur
	2	Visible	Spur	Visible	Visible
	3	Spur	2 trees		
	4				

1. 1/2
1. 1/2
1. 1/2

OPAL (10-04-95)
10-17-95

Henry - Ted - Jim
1:48 pm

Turtle Island

A

	A-W	B-W	C-S	D-E
1	36.2	37.4	32.5	38.3
2	37.2	38.2	36.8	37.6
3	39.7	37.8	36.6	37.9
4	38.2	38.1	37.7	37.5
5	38.3	38.2	37.2	37.1
6	38.4	38.3	37.7	37.6
7	37.2	37.6	36.8	38.2
8	37.7	37.7	38.1	39.3
9	37.6	37.8	38.1	39.0
AK	37.875	38.1		

CANYO 1	NO	.0620	NO	.0440
2	KEPAH	.0895	NO	.0575
3	VISIB	.0310	NO	.0800
4	↓	.0700	↓	---
	2 H. H. H.			

Turtle Island

B

	A-W	B-W	C-S	D-E
1	38.6	38.1	37.5	38.0
2	39.7	39.4	36.0	37.2
3	37.6	37.9	37.8	36.7
4	38.2	39.2	38.7	36.4
5	39.2	39.4	38.4	38.1
6	36.8	39.2	38.1	40.4
7	38.9	39.1	38.5	41.8
8	39.4	39.2	38.6	38.5
9	40.0	39.5	39.0	40.1

CANYO 1	NO F.S. @ SURFACE	.0440	NO F.S. @ SURFACE	.0745
2	/	.0625	/	.134
3	/	.0685	/	.1185
4	/		/	.0820

2-23-96 Beville, Lloyd, Guder
1st probe
Dickerson Bay to Shell point

#1 10:50 23' deep & just shell / no Ls
(-2.7)

#2 11:10 11' deep ... 1 ft. of Sd to Ls (-2.7)
@ DAY MARK 10

#3 12:50 6.5' deep 22' to Ls yel. olv. ss cly
over Ls (-1.4)

#4 1:15 8.5' deep 16' to Ls sand br (-1.7)
NW of R 2'

#5 1:30 9.0' deep 17' to Ls cly + m rk
over Ls (-1.9)

#6 2:00 10' deep 11 1/2' to Ls mechanical
next to Day marker 5 (-2.2)

#7 2:15 4.5' deep 10' to Ls soft dk gray mucky
bottom to silt (-2.4)

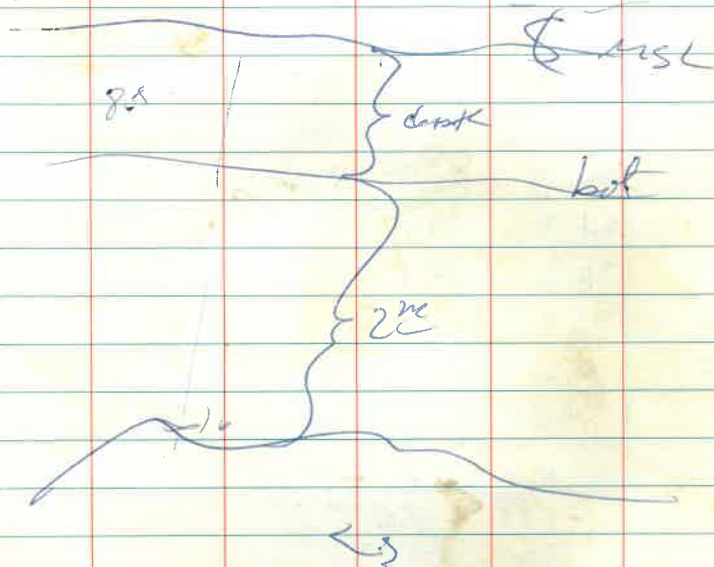
#8 2:40 Marker 35 Spring creek 11' depth
18' to Ls (-2.7)

Marker

#9 3:00 water depth 2.5'
Ls at 10.5' (-2.8)
Sft. mud olv. grn cly over
Ls west of Old Creek

#10 N. Side of Piney Isle 2' 11" water depth
3:10 6.5' to Ls (-2.9)

#11 W.D. 3.5' went 25' stuck
3:30 pipe no Ls



2/26/96

Ron. H
Jim LKenton Beach
probes

$$AVG(A+B) = 35.98$$

#1 12:30 Near NOAA weather site 5' to 6' (-1.4)

#2 12:30 out from beach 120' SSW of NOAA site 6' to 7'

#3 1:30 out from Dead End Rd 4' to 8' @ 7'

(-1.5)

05/09/96

Cliff Brad.

Sunny, warm, windy

Bald Point

Station A (see map below)

#1	A (cm)	B (cm)	C	D
1	32.7	33.5	34.3	33.0
2	35.1	33.2	32.4	30.9
3	32.6	32.9	32.6	31.8
4	33.0	31.7	30.9	34.3
5	34.3	29.0	35.1	31.8
6	34.2	28.1	33.4	31.3
7	32.4	31.6	31.1	30.2
8	33.0	30.8	36.2	31.2
9	34.8	33.0	32.5	33.4
AVG	33.6	31.5	33.2	32.0

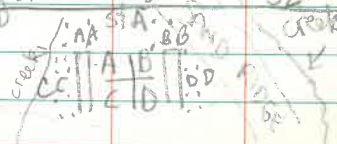
Set A

05/09/96

AVG

32.6

NORTH

23.8
24.1
24.4AB
C/D

Station B

	A (cm)	B (cm)	C (cm)	D (cm)
1	38.3	38.0	39.6	34.9
2	36.5	38.9	39.8	41.0
3	35.4	41.5	40.5	39.2
4	40.9	40.9	40.7	40.6
5	39.5	41.5	44.8	38.8
6	32.3	41.1	41.4	38.1
7	40.4	39.6	35.6	37.1
8	40.6	40.0	41.5	40.9
9	37.3	41.1	40.8	37.8
AVG	37.9	40.3	40.5	38.7

ST. B
AVG

39.35

Notes: Added North arrow on Set (spray paint).

Noticed considerable damage to Juncus especially to immediate south of Station A, Juncus absent due to foot traffic, etc.

STA 1

Ciryo	Station	A (see map @ left)		
	AA	BB	CC	DD
1	4.5	33.3	3.1	12.8
2	4.6	24.4	5.9	13.5
3	5.3	25.4	7.4	11.8

Station B

AA
10.5
9.1
10.5BB
1.5
4.7

STA 2

CC
9.1
10.5
9.1DD
8.8
8.8
5.0

5/10/96 Cliff, Brad. Warm, sunny

Turtle Island Station A.



(Station A)

	A	B	C	D	P
1	39.3	39.3	38.7	37.9	
2	39.0	39.6	38.0	38.8	
3	39.6	39.8	37.9	38.4	
4	39.3	38.7	39.5	37.9	
5	37.3	40.1	38.6	39.0	
6	39.3	39.6	39.5	39.0	
7	39.4	40.4	38.8	38.2	
8	38.7	39.9	39.2	38.3	
9	39.4	39.8	39.2	38.4	SITAA
AVG	39.03	39.69	38.82	38.43	38.99

cryo

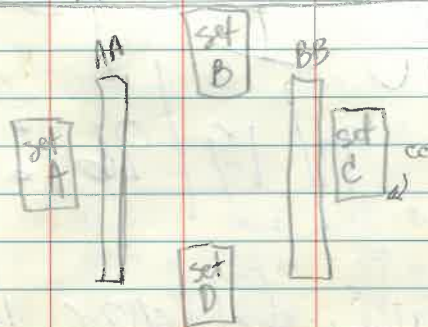
AA	BB	CC	DD
	3.9 mm	5.8	3.2 mm
	4.6	5.5	4.1
	3.4	5.4	3.5

Turtle Island (Station B)

	A	B	C	D
1	39.5	38.9	38.7	38.3
2	40.4	39.8	36.0	38.3
3	39.7	40.0	39.6	38.5
4	40.3	39.2	38.5	38.9
5	38.6	39.8	38.1	37.8
6	38.6	40.2	39.9	39.5
7	Hole #43	40.0	39.0	39.1
8	39.9	39.8	38.1	39.9
9	41.4	40.3	38.1	38.8
AVG	39.8	39.78	38.44	38.79

A+B
AVG
for 5/10/96
39.095

SET B
39.20



cryo

AA	BB	CC	DD
30 mm	DID NOT	2.2	2.1
4.0	MEASURE	2.5	2.6
3.2	↓	2.1	2.1

located in middle
of SET
plot

5/10/96 Brad, Cliff

Let probe.

off lighthouse point > 15'

5' water depth (20' pipe)
NO limestone!

6 Notes! **NOTE** for
11/19/96:

New feldspar layers
added at BB and DD
positions at both ~~platforms~~
platforms

11/19/96

Turtle Island SET Site

"SET A"

BB, DD, C, D, CC

	A	B	C	D	CRYO
1	38.5	39.1	38.9	37.8	7.9
2	39.0	40.3	39.9	37.5	6.7
3	39.0	40.7	38.4	39.5	8.8
4	38.8	39.5	39.7	39.3	NEW Fell
5	39.8	40.4	39.9	39.6	@ BB's
6	39.7 39.0	40.1	39.0	39.5	DD for
7	39.2 39.7	39.9	39.2	39.9	SET A
8	38.9 39.0	39.9	37.7	39.2	CRYO = 7.84V
9	38.9	40.5	39.1	39.3	AVG ST A
AVG	38.7	40.0	39.1	39.3	39.3

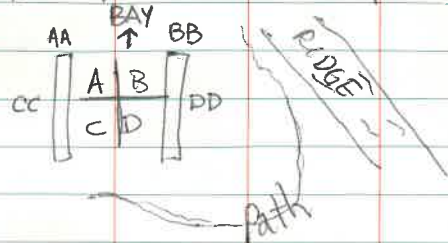
approx. 10:30 - 11 am rain, high tide, flooded marsh,
heard a couple of thunders

SETB	A	B	C	D	CRYO
1	40.2	40.2	40.8	40.1	11.1
2	39.0	39.6	39.6	40.0	7.0
3	39.0	39.8	39.7	40.8	10.8
4	39.5	40.1	39.3	39.8	BB
5	39.5	39.9	39.4	40.7	NEW
6	39.4	39.7	40.8	39.8	Fell @
7	HOLE	41.1	40.2	39.5	BB & DD
8	39.9	40.5	38.5	39.9	for SET B
9	40.6	40.4	40.3	39.7	CRYO AVG
No layers at	39.6	40.1	39.8	40.0	9.6
	AA or CC				AVG ST B
					39.9

Set B has same drawing

AA = Cryo
A = SET

Bald Point SET A Map



Note: Same Orientation for SET B

DATA REDUCTION FOR 11/19/96

TURTLE ISL. SET CRYO

A	39.3cm	.78cm
B	39.1	.96
AVG	39.6cm	0.87cm

Bald Pt SET CRYO

A	34.2cm	1.05cm
B	41.1cm	.99cm
AVG	37.7cm	1.02cm

Lost 30.0

11/19/96

Bald Pt. SET AA

STA. A

	ANW	BNE	C SW	D SE
1	35.7	34.5	30.7	35.5
2	35.9	33.0	33.5	35.3
3	34.7	30.3 (hole?)	35.4	34.7
4	34.1	34.3	29.4	35.2
5	33.6	33.1	34.3	35.3
6	36.1	32.3	34.9	34.2
7	33.7	34.5	32.7	34.5
8	36.2	33.1	34.8	34.7
9	36.6	31.5	34.2	35.0
	35.2	33.3	33.3	34.9

Notes: No-seeum City; breezy; cloudy; after lunch

STA. B

	A	B	C	D
1	38.4	40.9	41.4	42.3
2	39.4	42.5	43.5	42.0
3	39.1	39.4	42.3	42.5
4	39.0	39.9	41.3	38.3
5	41.4	41.0	41.2	42.3
6	40.3	43.2	42.6	41.9
7	40.0	41.0	42.3	39.6
8	41.4	42.0	41.1	41.1
9	41.0	41.1	41.1	41.1
40	41.2	41.9	41.2	41.2

Cryo
Bene line
for this plot box
10/6/95
AA 480 v. 450

*NO NEW
Feldspar
added*

41.1

3/5/97

Joe D
Chen Cliff

OCH River Pollen V. bra Core
taken. (030597-01)

Water @ 25.8' on Pole w/ 0'
at top.

Water depth @ 2.0 ft.

13.3' from top of pipe to sed (inside)

3.2' from sed/water to top of pipe (outside)

1.3' from ^{water sfc} ~~sed/water~~ to water top of pipe

— LOST !!

3/05/97

Find DNR Survey Marker

• R234

TO
Bald
Point ↑

year '74

Road
closed

R-234

2' stilt

chain link
fence
w/ barbed
wire

Gulf

1D-11:15
5/28/97 (Not
Flooded)

CLIFF DEBRA } RA in y
Tide: Hi out. 78° 30°

Turtle Island

SETA A B C D

1	39.0	39.0	39.5	38.8
2	39.0	39.9	40.9	38.7
3	39.3	39.9	39.6	39.3
4	37.2	38.8	39.9	39.2
5	36.6	39.4	39.5	38.4
6	39.0	40.1	39.9	39.4
7	38.6	39.0	39.4	38.9
8	39.1	39.5	Hole	38.4
9	39.1	39.7	39.5	39.0

AVG

CR40

BB

6.2 point

6.2

avg: 6.2

BB 6.2,
4.4, 3.2,
6.3. good

AVG = 5.0

SETB A B C D

1	38.1	42.5	39.0	40.3
2	40.0	41.8	40.0	40.3
3	39.4	40.8	39.7	39.7
4	40.6	42.0	39.4	40.1
5	40.1	42.2	41.1	39.2
6	40.3	40.7	41.2	39.9
7	40.8	42.9	40.6	39.7
8	40.6	40.8	39.0	40.3
9	40.6	42.6	40.5	40.0

AVG

CR40

BB AVG
2.0, 6.0
2.7 (good)

BB 4.0
2.6, 11.5
(Poor)

BB 3.5

BB 4.0, 3.8
4.0, 3.2

5/28/97 Cliff DEBRA

BAUD POINT

Time: 12:30 PM CLOUDY

A B C D

1	34.3	33.9	33.1	hole
2	34.3	33.1	34.2	35.1
3	32.6	32.8	34.5	34.7
4	35.4	33.1	33.5	36.3
5	37.4	33.6	33.6	35.5
6	36.8	32.2	32.9	35.4
7	36.5	33.0	34.8	36.9
8	38.9	32.1	34.5	35.5
9	37.2	32.1	hole	36.0

AVG

35.9 32.9 33.9 35.7

avg

14.1

14.1

13.2

17.2

avg = 14.65

34.6

B (2.6)

B A B C D

1	37.0	35.9	35.3	42.3	40.7
2	40.1	40.0	35.5	42.2	40.4
3	38.2	37.2	41.6	42.6	39.4
4	36.8	35.8	40.9	42.4	38.7
5	40.4	40.3	40.9	42.5	41.3
6	37.8	40.4	41.5	42.2	41.7
7	40.0	41.7	40.6	42.4	41.8
8	40.4	40.2	40.5	42.5	41.6
9	39.3	39.6	40.4	40.5	40.7

AVG

38.1 39.0 40.6 42.2 40.2

AVG SET 5/28/97 = 37.6

40.1

40.5

6-16-79 10:40 *yl*

SITE Turtle Is.

SET 1

	A NW	B NE	C SW	D SE
1	38.2	37.9	38.5	39.1
2	37.2	38.4	34.8 ^{ch}	36.7 ^{ch}
3	37.2	39.2	38.4	55.9 ^{ch}
4	37.5	39.3	37.7	38.6
5	36.5	39.3	39.1	38.9
6	37.8	39.0	38.5	38.5
7	38.1	38.2	38.0	37.5
8	37.9	37.9	37.8	38.8
9	38.6	39.5	38.1	38.9

B
Cryo

2

3

two x
layers

U.L.

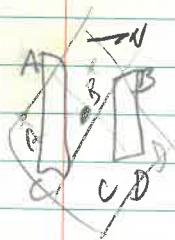
10.1

14.4

14.2

14.2

U.L.
25.7
23.7



6-16-79 *yl*

STURTLIE IS.

~~SET 1~~ SET 2

	A	B	C	D
1	39.0	38.6	38.4	38.7
2	39.0	37.8	38.9	38.5
3	^{ch}	39.5	38.8	39.6
4	38.1	38.9	38.6	38.0
5	39.6	38.3	38.9	38.6
6	37.8	39.2	38.7	38.8
7	37.3	39.4	38.6	38.6
8	36.2	39.4	39.2	39.7
9	38.8	39.6	39.6	CH

B
Cryo

2

3

4

11.4

10.2

13.8

9.4



6-16-99

LADDER

BALD POINT

SET 1

	A	B	C	D
1	35.6	32.5	33.3	33.2
2	35.1	30.0	33.0	32.8
3	33.5	31.3	33.0	33.9
4	35.1	31.1	32.6	33.7
5	33.8	30.9	32.2	34.0
6	CH	31.4	32.9	33.4
7	35.2	32.3	33.2	33.9
8	33.7	31.5	33.8	33.8
9	36.9	31.1	32.4	34.1

Cryo B/D
 1 44.1
 2 48.5
 3 48.7



44.1
 48.5
 48.7

6-16-99 LADDER

BALD POINT

SET 2

	A	B	C	D
1	39.2	39.8	39.7	37.9
2	39.6	39.1	40.2	38.7
3	40.2	40.0	40.9	39.0
4	40.1	37.6	38.8	39.0
5	40.4	37.9	39.5	32.6
6	39.2	39.7	40.1	37.8
7	CH	CH	39.1	38.5
8	38.8	38.8	38.9	36.6 ^{CH}
9	38.9	36.3	40.1	38.1

Cryo A/C
 1 29.6
 2 30.1
 3 29.8
 4 42.4
 44.6

6 w/let

ORV-6

9.5'

3-24-95 con

0-6.6

blk peat with abundant roots

6.6-9.5

dk gray fine sand and silt grading
downward very lt. brn sand, blotchy
color.

ORV 4

core 10 recovered 6 (7.1' Nov 94

0-1.8

blk peat with ^{isotext} burrows filled silt - abundant
roots

1.8-2.1

drk gray silt zone laminations / partings

2.1-3.8

dk gray - blk peat with roots

3.8-5.1

gray-brn fine grained sand to silt ~~sub~~ sub inter
mottled uneven laminations

5.1-5.7

dk gray peaty-silt ~~uneven~~ uneven wavy laminations

5.7-7.1

sand AA @ 3.8-5.1

336

2.91

1.4

1.5

1.0

672

453

1.3

1.3

1.3

1.3

1.3

1.3

1.3

1.3