



Since 1882



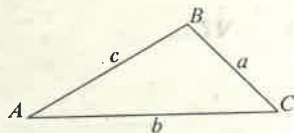
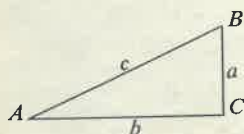
FIELD BOOK

No. 8152-60

Windsinger

Sundano

FORMULAE FOR SOLVING RIGHT TRIANGLES



$$\sin A = \frac{a}{c} = \cos B$$

$$\cot A = \frac{b}{a} = \tan B$$

$$\cos A = \frac{b}{c} = \sin B$$

$$\sec A = \frac{c}{b} = \operatorname{cosec} B$$

$$\tan A = \frac{a}{b} = \cot B$$

$$\csc A = \frac{c}{a} = \sec B$$

[Handwritten notes on a yellow sticky note:]
 Lotus
 3 teams
 around 11:15-11:30
 2 creek knelt
 on Sunday

area = $\sqrt{s(s-a)(s-b)(s-c)}$

A, b, c	Area	area = $\frac{bc \sin A}{2}$
A, B, C, a	Area	area = $\frac{a^2 \sin B \sin C}{2 \sin A}$

Printed in England



ENGINEERS FIELD BOOKS

Rainproof fine quality bond, bound in high visibility chrome yellow Coverex. Printed in blue and red waterproof ink.

Left page: blue horizontal lines; red vertical lines.

Right page: 4 horizontal and 8 vertical blue lines; red vertical center line.

Stock No. 8152-00 Transit Field Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Stock No. 8152-05 Students Field Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Left page: blue horizontal lines; red vertical lines.

Right page: 8 x 8 blue lines; red vertical center line.

Stock No. 8152-20 Mining Transit Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

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Right page: 10 x 10 blue lines; red vertical center line. Inch lines heavy.

Stock No. 8152-30 Engineers Field Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Both pages: blue horizontal lines; red vertical lines. 6 vertical columns.

Stock No. 8152-50 Level Book. Size $4 \times 6\frac{1}{2}$ inches.

Stock No. 8152-55 Level Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Left page: blue horizontal lines; red vertical lines.

Right page: 4 x 4 blue lines; red vertical center line.

Stock No. 8152-60 Field Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Both pages: 10 x 10 blue lines; inch lines slightly heavier.

Stock No. 8152-70 Cross Section Book. Size $5\frac{1}{2} \times 7\frac{1}{2}$ inches.

Stock No. 8152-75 Cross Section Book. Size $6\frac{1}{2} \times 8\frac{1}{2}$ inches.

Property of NOV - April 1st time OK
 Address May -
April 1st weekend - Brook October
 Phone take 1 hour off



SURVEYING INSTRUMENTS AND EQUIPMENT

When you give up your dreams,

- levels you die.
- transits
- theodolites
- tripods
- rods
- hand levels
- tapes
- planimeters
- accessories



The paper in this book is a fine quality thick Bond specially treated during the making to give "High Wet Strength". This quality has been used extensively for maps, etc. It retains its strength and writing surface when dried after having been subjected to extreme weather conditions.

A

Avionics 488-2460

Quico

- seeping ponds

- cd

- chr

- mr

- lawn area

- 46th sheet of NW 36th and

- 6 foot fence - 3 strand wire at
top + ~~3 strand~~ barbed wire

- barbed wire at bottom also

Mike King 633-2476

posted

- posted water under house

- Sep 2000 parking, fence

also posted & posted

N of site?

APT body shop across the street

Just up

Just past

Branch
at 2nd street past

APT

Turning
right

Disco
at 1st

Sp. 1st
street

Refined
stone

API
area
covered
ground

B

Ron Basso FL Envir. Drilling Co

813-933-9831

Carley's Mobil Home Park

200 people coming
kids

Y!!!

City of Hialeah water-water
system

Frame houses down the street

Asphalt plant going in

Douglas Freight & Salvage

Water tower

STANDARD AUTO BUMP

Georgie Pinon 685 - 2529

site completely fenced
ditch behind site flows S
and enters ground water (shallow)

intercepted by Miami Canal
about 1/8 mile east of it

B: B

- industrial area - white cement
6' wall
- around entire site

under the metro

- large site

some cont detected that didn't come
forward

Don Cuyak

904-362-1001^C

Chem form

- out of operation since Sept 1985
fence w/ barbed wire 6' +
around the main building

apparently stuff was dumped into
storm sewer line

- areas where soil has high levels
soils isn't porous
it's levels are higher than it was
on site

- horse exercising ring across track

horses dwelling on the end of parking lot

- would be that it was
dumped in trench and
pollutants flowed toward
the plant

Wilson Concepts

- Bank is RP been down
cleanup
- all paved
- old junk in the back when they
moved in

Jan 3rd 1989 only just moved in
Carter & Crawley

- 4 foot fence w/ barbed wire
- will fence parking lot
- will gate both driveways
eventually no fence to front

Jenny Gordon Mgr.

942-6303

D

Chemform

3 real expensive cars
sitting out front

Access road behind the sites
both on public water

Chemform has a bunch of
used barrels → back door of
sites are wide open
pipes junk & machines

stacked behind site

Both sites were in an
industrial park

Wilson Concepts

- Bank is RP been down
cleanup
- all paved

- said junk in the back when they
moved in

→ Jan 3rd 1987 only just moved in
Carter & Crawley

- 6 foot fence w/ barbed wire

- will fence parking lot

- will gate both dumpsters
reversing w/ fence to front

Henry Gordon Mgr.

942-6303

Chemform

3 real expensive cars
sitting out front

Access road behind the sites

born on public water

Chemform has a bunch of
used barrels → back door of
sites are wide open
pipes junk & machines

stacked behind site

Both sites were in an
industrial park

BNT

lots of Barrels that say

"Hazardous Waste" & have

#s on them sitting among

drums are starting to rust

20 Barrels at first location

Fireside

2 years

whole area paved except

ditch in the center

Mus in parking lot

one in corner

Soil in the barrels

WT 13 or 14 feet

Mick Campbell - fireside owner

Ask Eve Zimmerman

who took GW samples

Ground water is actually "up
north" of the company

also ask if they sample the

"older" mws at the same time

Wright Road Landfill

- overgrown - around the burial site
- site access in - the neighbor hoods at least to the adjoining property - clean fill on the site
- old monument is abandoned
- Surface water runoff going into lake
- Weighing portion of the site still in use.
- monument dismantled
- dirt road around perimeter of the burial site to access mounds
- burial site heavily vegetated
- site securely fenced w/ 6' chain-link & 3 strand barbed wire.
- parcel directly north not securely fenced access to lake thru it if surface water is a problem then the lake water will need to be put out of access.

Brown Co. Landfill

- Imagination farms is a dairy farm

IES

- do own job work
- P.E., Lamarean

→ i. people on site who would know if there were trespassers

- Lake beautiful
- housing N, S & East disjunct

→ I.E. OK

→ W. OK

Anodagro

Big grassy area behind site
4+ acres 4000 ft² well so

7' high dirt pile partially
covered w/ vegetation

My Furniture warehouse

- site access easy

- no fencing at all site not
operating

a couple of Wise Potato Chip Vans
parked on the parking lot

3

Gunter Bldg
903 W. Tennessee St.
Tall. FL. 32304

Glover, Tim

488-3601
at DER

Woodbury

1/10 mile west house of
house w/ nursery across street

2 homes right next (north)

North of that a store & motel
7 migrant housing

businesses & a church
east of the site area
east of (4) is residential
except right where
highway

- site access restricted

drain bank formed w/ parked cars
- posted warning

"killed grass days"

call DFR & find out if
there is a well associated
w/ the water tank that
Says

"Glades Supply Co"

located $\approx 1/8$ mile south
of the site

looked like a clean operation
a store for selling farm products
pesticides & fertilizers

200
Two
The
15

#

Ren Hoenstine I.C. #20 488-9380

 *spartina alterniflora*

 cabbage palm

 *distichlis spicata*

 *marisus jamaicensis*

III *juncus roemerianus*

- mud

• sand

~ oyster shells

♥ clam shells

... oyster bishum

Dammond 

Germanium Photon Detector I

size - 2-300,000 size

10,000 counts

depends on sample size

well detector - zinc telluride

sample - couple grams

about 10% more

shield, detector

pre-amplifier

linear amplifier 2000

power supply 1000

proton res = sharper peak

background window

20,000

detector

w/ pre-amplifier

Shield

6-7 K

down + preamp + shield + detector

card - 1-2K

card count machine, etc

MCA →

used systems

Q2 - 23% > correction factor

CS 136

cards →

plastic petalographs w/ electron

[use models to calc max
rates
w/ Pb-210]

Dealers

Can benz -

P&T Phoenix Scienc. Sales
404-642-8529

Target -

well type Geom. in System

Q2 - 2-Zeet for sample C
→ action equib. time

Geometry

YSE

Orlando County B.D

← Fisher Sea

DO i Solenita SET ← corals in Grant

3800 →

Hydro/26:

H2O - SCOUT II

very close

fresh

no data log

Savoy at 711

data log

DO SCOUT II → the Edmiston has 3 sites
one about 60 m in air

Solenita 803P

lowion. sludge pit

DO galvanic probe

conduct

Temp

Turbidity

sonde up to 100 m in depth

NOAA out fall →

Plumes physical

K

Kuphus incrassata (Gabb)

- Vernon - Suwannee ls.

- mollusc

- correlates w/ Chickasawhay of Mississippi

- Mansfield (Bull-15)

- Teredo incrassata (Gabb)

Sargassum SP-60 ym

Zee man,

Virginia

Volley ball B. navy
7:00 at 6:20 B. navy 17 March

SR-181 6.75 H₂O 12:44
2.00 sed

grass, mud; silt

SR-182 5.25 H₂O 12:48
.5 sed

LL bluish

grass mud & silt

SR-183 5.0 H₂O 12:52
2.0 sed

LL not working

SR-184 7.4 H₂O
5.75 H₂O 12:55
1.75 sed

LL not working

SR-185 9.4 H₂O
5.75 H₂O 12:57
3.75 sed

LL not working

SR-186 4.5 H₂O 1:00
4.0 sed

LL not working

SR-187 7.0 H₂O 1:06
3.0 sed

ch
head
to SW from
due
S
off pin

LL bluish

SR-188 12.0
8.25 H₂O 1:09
3.75 sed

LL bluish

SR-189 12.0
9.5 H₂O 1:11
3.5 sed

LL 29 39.95
83 27.47

SR-190 10.00 H₂O 1:14
9.5 sed

LL 29 39.80
83 27.55

SR-191

15.5

10.5

H₂O

1.171

5.0

sed

21

29 39.82

83 27.62

SR-192

11.00

H₂O

1.23

3.00

sed

L 29 39.75

L 83 27.64

193

13.0

11.5

H₂O

1.28

1.5

sed

29 39.69

83 27.73

5/6/93

M

OW@ St Marks w/ Ron Calhoun,
Jim? Dave

- metal caliper
- feldspar
- PVC pipe
- flags & wires

5/24/93

Stemwichee River

RON, BRAD, FRANK

SR 194

12:44 PM Jet probe #1 5' water depth
(north of tower) 5' Sediment depth

course 245°

(Loran not stable)

SR 195 Jet probe 2

12:52 PM

and

4' water depth

5' Sed. depth

Core

SRC-20 { N 29° 39.91'
W 83° 26.26'

note: Core SRC-20

2" ~~water~~ of material
lost off top of core
this wasn't material
so we retake #20
similar to remaining
lithology.

— course 245 —

SR 196

Jet probe

1:32 PM

8' water depth

1.5' sediment

{ N 29° 39.90'
W 83° 26.39'

5/24/93

N

— course 210°, 60 sec, 3200 rpm.

SR 197

Jet Probe

9.5' H₂O depth

1:40 PM

1.5' Sediment

{ N 29° 39.88'
W 83° 26.45'

SR 198

1:45 PM

Jet probe

8.5' H₂O depth

4.5' Sed. depth

{ N 29° 39.83
W 83° 26.54'

SR 199

Jet probe

10' H₂O depth

2:12 PM

6' Sed. depth

{ N 29° 39.83
W 83° 26.61

SR 200

2:20 PM

Jet Probe

10.5' H₂O depth

4.5' Sed. depth

{ N 29° 39.79'
W 83° 26.74'

5/24/93

SR 201

Jet probe

13.5' H₂O depth
3.5' Sed. depth

2:25 PM

$$\begin{cases} N & 29^{\circ} 39.75' \\ W & 83^{\circ} 26.91' \end{cases}$$
SR 202

Jet probe

11' H₂O depth
2' Sed. depth

2:31 PM

(off net + to
lost green
marker -
sea-wind)
$$\begin{cases} N & 29^{\circ} 39.72' \\ W & 83^{\circ} 27.14' \end{cases}$$
SR 203

Jet probe

10' H₂O depth
7' Sed. depth

2:36 PM

(Not lost
green marker)
#1
$$\begin{cases} N & 29^{\circ} 39.62' \\ W & 83^{\circ} 27.51' \end{cases}$$
SR 204

Jet probe

10.5' H₂O depth
1' Sed. depthSouth side
of Channel -

off #1

$$\begin{cases} N & 29^{\circ} 39.35' \\ W & 83^{\circ} 27.43' \end{cases}$$

2:46 PM

5/24/93

0

SR 205

Jet probe

11' H₂O depth
3.5' Sed. depthmidway
between green
1 + 3 markers
2:51 PM
$$\begin{cases} N & 29^{\circ} 39.43' \\ W & 83^{\circ} 27.28' \end{cases}$$
SR 206

Jet Probe

11' H₂O depth
1.5' Sed. depthS. of #3
marker

2:58 PM

Loran battery low

$$\begin{cases} N & - \\ W & - \end{cases}$$
SR 207

Jet probe

11.5' H₂O depth
2.5' Sed. depth

1/2 between

#3 + #5 green

$$\begin{cases} N & 29^{\circ} 39.48' \\ W & 83^{\circ} 26.98' \end{cases}$$
SR 208

Jet Probe

11' H₂O depth
2.5' Sed. depth

S of #5 marker

3:04 PM

$$\begin{cases} N & 29^{\circ} 39.47' \\ W & 83^{\circ} 26.87' \end{cases}$$

5/24/93

SR 209

Jet Probe

10.5' H₂O depth
1' sed. depth

1/2 between
5 + 7
markers

{ N 29° 39.54'
W 83° 26.71'

3:10 PM

SR 210

Jet Probe

11' H₂O depth
7' sed. depth

Sy # 7
marker

3:15 PM

{ N 29° 39.54'
W 83° 26.59'

SR 211

Jet Probe

10' H₂O depth
2.5' sed. depth

1/2 between
7 + # 9
markers

{ N 29° 39.59'
W 83° 26.45'

3:18 PM

SR 212

Jet probe

9.5' H₂O depth
6.5' sed. depth

off green # 9

3:23 PM

N 29° 39.61'
W 83° 26.32'

5/24/93

P

SR 213

Jet probe

8' H₂O depth
4.5' sed. depth

1/2 between

9 + 11 (tower)

3:27 PM

N 29° 39.62'
W 83° 26.26'

SR 214

Jet probe

8' H₂O depth
3.5' sed. depth

off # 11 green
(tower)

3:31 PM

N 29° 39.60'
W 83° 26.14'

SR 215

Jet Probe

6' H₂O depth
10' sed. depth

1/2 between

11 + 13 green

3:35 PM

N 29° 39.63'
W 83° 25.96'

SR 216

in hand

Jet probe

7.5' H₂O depth
16.5' sed. depth

off # 13 green

3:40 PM

N 29° 39.68'
W 83° 25.80'

SR 217

Jet probe

H₂O depth
sed. depth

[transsect ended
N 29°

W 83°

6/2/93

SR-217

9:35

H₂O 4' or 20' 40
 SP = Seds .5'
 sea grass beds

SR-218

9:42

H₂O 4.25
 PD Seds 1.25

SR-219

9:45

H₂O 4.5
 PD Seds 1.0

SR-220

9:47

H₂O 5.5
 PD Seds 4.5

SR-221

9:51

H₂O 4.5
 PD Seds 1.5

SR-222

9:55

H₂O 4.25
 PD Seds 2.0

SR-223

9:59

H₂O 4.5
 PD Seds 2.0

SR-224

PD

H₂O

5.510

Q.R

4.75

10:01

Seds

1.75

SR-225

PD

H₂O

4.5

10:04

Seds

4.5

SR-226

PD

H₂O

4.5

10:07

Seds

5.0

SR-227

PD

H₂O

6.75

4.25

10:10

Seds

2.5

SR-228

SP

H₂O

5.0

10:14

Seds

2.0

SR-229

SP

H₂O

8.0

10:19

Seds

4.0

SR-230

SP

H₂O

8.5

10:24

Seds

8.5

SR-231

H₂O

9.5

10:27

Seds

1.0

X 232H₂O .5

seeds 2.5

11:30

Other seeds of Island erod. 0
 PP peas

SR-233H₂O 3.75

11:34

PD seeds 150 @ surface
 being washed

SR-234

PD

H₂O 4.5

11:38

seeds .5

SR-235

PD

H₂O 5'

11:41

seeds 2.75

SR-236

PD

H₂O 5.0

11:44

seeds 2.0

SR-237

PD

H₂O 5.0

11:55

seeds 3.25

SR-238

PD

H₂O 5.0 5.0

11:58

seeds 2.0 2.0

SR-239

PD

H₂O 5.5

12:01

seeds 1.0

SR-240

PD

H₂O 6'

seeds .75

12:05

SR-241

P.D

H₂O 6.5

12:09

seeds 1.5

SR-242

SP

H₂O 7.5

12:34

seeds .5

SR-243SR-243

SP

H₂O 8.5

12:41

seeds .5

SR-244

SP

H₂O 9.5

12:49

seeds 3.5

SR-245

JP

H₂O 9.5

12:52

seeds 1.0

SR-246

JP

H₂O 9.5

12:54

seeds 8.25

SR-247

JP

H₂O 10.0

12:55

seeds 4.0

SR 248
- 248

H₂O 9.0
sds 1.0

1.02

SR 249

H₂O 10.0
sds .5

1.04

SR 250

H₂O 10.0
sds 0.0

1.01

SR 251

H₂O 3.0
sds 1.5

1.33

SRC-20

FB 3.25'

2.20

1 ft H₂O

2.3/4

total depth 4'

L 29 38.06 .03

L 83 23.94

SRC-21

H₂O 2.5
sds 5.5

2.54

29 39.17 .10

83 22.87

Taxes 488-0870

6/9/93

SR 252

H₂O 0

8.28

sds 11.5

SRC-22

Swamp transect

8.28

3-5'

10.29

H₂O 0

sds recovered

3.4/10/93
H₂O 11.5

He Compton

.4' compaction
of the whole line

2 8" recovery

100' north into swamp

6.25

sds

[red spot]

300' north

9.5 sds

[ladder]

SRC-24

400' north

12.45

6.35 sds

500' north 7' seeds

SR-23

1000' north 55' seeds 5' recovery
lost 1 foot to compression
in the hammock
8+ feet all sand

2nd hammer back
break 1820 plant
9.5' seeds

nc. 2.8' needed 5' 44% comp

SR-23 20% compression 11:30

in pincus but up in 50' of
high marsh didn't
return 15 but were up 1' and
of it when probe was
reinserted into hole

SR-24

FB 5' feet inside 7' from
4.5 feet outside 10'
[2 feet]

in the middle of the marsh
struck pincus seeds quite wet

u, v, w

Warehouse 487-2609

we lost .5' to compression

6/15/93 @ old SR-23

~~SR-253~~

old SR-23 11:41

SR-25

water + .5' above H₂O

1.7x' seeds

iron funtuscans

1.75 outside

FB 2' inside

16 @ bottom of hole but not recovered

SR-26

300' ~~from~~ MF along 1020 from
12:05
2' 10" free hand
lost

[2' to 15']

SRC-27 elevation $\approx 2'$ 12:18

4.2' sds
Compression 3.5"

a little clay over the ls in the bottom of the core here

SRC-28 1b 5' 2"
4 9 lost 5" to compression

SRC-28 12:40
this area

highly variable

2' above could have gotten on that was a total of 6'

highly variable surface
probe inserted hit some ls
and then went on past it

blown inside

loose white gravel

25-28
with grey debris @ the surface

X, Y, Z

@ any given time
exposures of sand can be
seen from the air

2:07

SRC-29 8' of sediments 2:40

do 1' / 150

4.4' recovered

4 to 5' of
compaction
top of add'l kerch ls in the bottom

SRC-30 6.7' sds 3:11
+ 1 H₂O

6.4" Fb

3.0 outside

- 3.4 compaction

15' bottom
of core
was

SRC-31

3' 11"

2' 2"

1' 9" $\rightarrow$ compaction

(ls in bottom of
core hole)

10/14/93

10:20

SRC = 32 3" compression

12' ^{110'} ~~side~~ ^{side}

11:42

ele 1.5'

road comes out to here like oak
pines and palm trees

~~SR-254~~

4.5 H₂O in channel 12:19

sides 4.5 on the bank

deeply incised channel

steep creek sides mostly peat

350' of peat up to the pines and
palms to the south

SRC-33

@ this site ↑

12:30

3' 14"

2.9"

1.5" compression

total length = 4'

22%

compression



SRC-34

3' 5"

1:30

(12%)

3'

5" compression

25 yards to the south in the woods
cedar & palms; "planted"

sand pines

- that thing 5' many have

lost a little sand or it collapsed
in from the sides

SR-253 next

SR CORE #	date desc.	% comp.	date analyzed	analytic method	w #
(1) 3.1'	3/1	24%	4/21	FOS	16898
(2)	NR		not recovered	NA	16899
(3) 4.5'	2/23	18%	done	FOS	16900
(4) 3.9'	3/2	33%	5/93	FOS	16901
(5) 3.7'	3/2	10%	5/93	FOS	16902
(6) 5.8'	3/1	9%	4/21	FOS	16903
(7) 2.3'	3/2	0%	done		16904
(8) 2.7'	2/26	40%	done		16905
(9) 4.6'	2/24	28%	4/29	FOS	16906
(10) 3.3'	3/2	76%	5/93	FOS	16907
(11) 2.5'	3/3	57%	6/93	FOS	16908
(12) 4.5'	4/13	28%			16909
(13) 2.7'	4/13	30%	done		16910
(14) 10.6'	4/15	18%	done		16911
(15) 2.7'	4/14	42%	done		16912
(16) 4.7' imp	4/somewhat	16%	done	FOS	16981
(17) 4.7'	7/28	49%			16982
(18) 3.3'	7/28	41%	5/93	FOS	16983
(19) 3.3'	6/4	42%			16984
(20) 2.5'	7/29	43%	done	FOS	16985
(21) 2.2'	7/29	66%	done	FOS	16986
(22) 1.7'	8/3	5%	done	FOS	16987
(23) 2.7'	7/24	44%	done	FOS	16988
(24) 3.9'	7/24	36%	done	FOS	16989

SR CORE #	date desc	% comp	date analy	anal meth	w #
(25) 1'	7/28	41%	done	FOS	16990
(26) 1.8'	7/28	5%	done	FOS	16991
(27) 2.8'	7/30	17%	done	FOS	16992
(28) 1.2'	7/30 (unk)		done	FOS	16992
(29) 4.9'	7/21	45%	done	FOS	16994
(30) 3.4'	7/21	48%	done	FOS	16995
(31) 2.3'	7/28	45%	done	FOS	16996
(32) 4.2'	7/29	unk	done	FOS	16997
(33) 6.3'	8/3	22%	done	FOS	16998? 16998?
(34) 0.4'	7/30	12%	done	FOS	16899
(35)	past	11%	done	FOS	17026
33 12.8'					
2.46	30%				
5.044					
* Hammer					
C-14 SRC #35 peat @ bottom of core					
4.6' deep see core desc					

grain
size
sand -1ϕ to 4ϕ
silt 4ϕ to 9ϕ
clay $<9\phi$

layers alluded to on description sheets

- 1) Brown peaty sand colors: (23-32)(27-23)
(34)(31)
- 2) Clean (well-sorted) white (30-29)(22, 20)
(33)(32)
- 3) Grey-brown organic sand (32)(23)
(34, 31)(30)
- 4) Clayey sand layer - varies from
brownish to dark-yellowish sand
to olive green = mottled (31, 36)(22)(30)
- 5) Waxy clay - mottled (43, 36)(34)
- 6) yellow-brown basal sand (86, 87)
- 7) Gray Marine sand has benthic fossils
- *Lotia Beckeri* & *Elphidium Guntis*
(84, 89)

8) Oyster Bar (89, 88) (33)

9) Adosilt (29) (35, 31)

10) 18meters numulites, lapidocyclines
(29, 30) (91)

River sediments (#16)

11) clean fine-grained sands (33, 34, 29, 31, 32)

12) fresh-water mud (32, 29)

Results of transects: Granulos

- SRC1 - fining upward - sand bar @
Bivens Creek mouth - however
nearly all between 2:2.5 ϕ
goes from silty med. gr. to silty fine-gr.
- SRC6 - fining upward, but generally
coarser than at the mouth
of this creek - (goes from barely med. gr. to barely fine-gr.)
- SRC-9 different curve (almost a smoothing)
goes from 1-6 to 2.4 ϕ or from med to
fine-gr sand-size

CRÉ

organic vs depth as progress on shore
- generally incr upward until get on shore
(NW of #25) where they clear upward
or remain very low (@ $> 4\%$)

The image shows a full page of graph paper. The grid consists of small squares formed by thin green lines. A single, slightly thicker vertical red line bisects the entire page from top to bottom. In the upper-left corner, the word "Person" is written in black ink. To the right of the word, a short horizontal black line extends across the top edge of the grid. The rest of the page is empty except for the grid lines.

Trans sect III

SR 11:18 9/8/93

revisit #18 for Pb-210
H₂O 1.25'

SR-36

revisit

SR-37

for second
PB-210 core

SR-26

1.50

from
Brack
M
Joe

right off the mouth of the river
revisit - where we got #26
were 15 knobs w/ algae
growing on them exposed
in the sediments

Core # SR-35

2.45

H₂O 4.5

Seds 6.75

actual 6.00

% compress. 11%

SR-82 revisited for Pb-210

Core
SR-38

1 foot of H₂O Seds 5.00

$$\begin{array}{r} 7.5 \\ 6.75 \overline{) 7.50} \\ \underline{6.75} \\ 0.75 \\ 0.75 \overline{) 0.75} \\ \underline{0.75} \\ 0.00 \end{array}$$

$$\frac{7.5}{6.75} \times 100$$

R, R, C

SM-1

10/21

11:30

100 1 foot

5.5 H₂O

Sed 10 feet 10 feet west 11.0 seeds

SM-2

3" H₂O

9.75 seeds

11:42

SM-3

1" H₂O

10.5 seeds

11:59

SM-4

.75 H₂O

10.5 seeds

12:02

SM-5

1" H₂O

5.5 seeds

12:05

SM-6

.2 H₂O

7.5 seeds

12:27

SM-7

9.3 H₂O

1.4 seeds

12:42

SM-8

5.3 H₂O

4.7 seeds

1:15

drying

SM-9

5.5 seeds

take a lead core here or further -
lots of mud here

SM-9

4.5 H₂O

6.2 seeds

1:20

SM-10

0 H₂O

7.2 seeds

7.2

mid channel
9 1:25

SM-10

.5 H₂O

3.3 seeds

1:35

SM-11

4.5 H₂O

5.5 seeds

1:45

SM-12

.0 H₂O

5.2 seeds

1:50

SM-13

out in middle of channel 2:00?
15' feet's water will have
to come back here

SM-13

2 on bank

1" H₂O

6.3 seeds

2:05?

11/12/93

SM 192

H₂O 4.0

11:00

Sd 2.5

14b

H₂O 1.0

11:10

Sd 4.0

14d in the woods

11:15

ST sds

2-b-c-

14c on the 75 sds

channel 6' sds

MC #1 on 14c 6" H₂O

5' = 7/100 5.5 sds

push H₂O vegetation
small end of
pines on the
very young 3"
5' 10' thick

14e in woods on the S side of the creek

4' sds 6" H₂O 11:30

15 375 H₂O with

11:48

12.25 sds channel

16 5 H₂O

7.5 sds

1:00

17 4.75 sds

1:15

1.0 H₂O

18 7.5 sds

1:20

3.75

19 H₂O 1

1:25

sds 8

20 H₂O 1.6

1:30

sds 3.5 - 10.5

21 H₂O 1.5

1:43

sds 2.75

2.2 measure

$\frac{55}{2.75} = \frac{7}{100} 20\%$

SMC #2 @ 21

$\frac{275}{55} = \frac{5}{100} 20\%$

SMC #3 @ 22 md written on sand top
Dec 2 CBR 11:10 paper at bottom

22 - West Tides Flat

30 02:44

H₂O 1.5

84 11:16

sds 11.5

11/24/94/3

(22) 2 readings S of boat 22 51 11:20
11:10

(23) 500' S of Boat 30 02.49
84 11.15
A 20 + .5 11:27
13' sand

(24) 1000' S of Boat 30 02.39
84 11.17
A 20.5' 11:30
13.5' sand

(25) 1500' S of Boat 30 02.29 11:41
140 .25' 94 11.16
Sand 14' +

(26) 2000' S of Boat 30 02.19 11:51
H₂O .25' 94 11.18
Sand 10'

took core 12 - 2:05
(27) Total 13.3 30 02.72
H₂O 3 84 11.33
Sds 10.3

9.5
(28) H₂O 4.0 2:10
Sds 5.5
for apt to take bottom conducted

(29) 19.0 Total 2:17
4.5 H₂O
14.5 Sds

(30) 14.5 Total 2:21
4.5 H₂O
15.0 Sds

(31) 10.0 Total 2:35
6.7 H₂O
3.3 Sds

(32) 10.0 Total 2:40
5.0 H₂O
5.0 Sds

(33) .5 Sds med 11:05 12/4
4.5 H₂O

(39)

1.5 seeds

11:10

5 H₂O

(40)

14.20

3.75 H₂O

11:20

12:25 seeds

(41)

4.0

3.5 H₂O

11:32

11.5 seeds

skully bottom

13.5

(37)

H₂O 7.0

11:35

seeds 6.5

(34)

H₂O 5.0

11:45

seeds 5.0

(2)

H₂O 0

11:49

seeds 6.0

(40)

H₂O 0

12:20

12:05 seeds

on an oxygen bar

(41)

10 8
H₂O 5.0

12:27

seeds 5.0

(42)

H₂O 0.0

12:32

seeds 6.5

(43)

H₂O 8.0

12:45

seeds 7.0

H₂O

(44)

H₂O 10.0

12:50

seeds 6.0

(45)

H₂O 1.5

12:57

seeds 3.5

(46)

H₂O 11.0

1:03

seeds 0.0

3.95

(47)

H₂O 2.5

1:06

seeds 3.25

(48)

H₂O 10.0

1:10

seeds 1.5

(49)

H₂O 2.75

1:14

seeds 5.25

(50)

H₂O 9.3
sds 3

1:20

(51)

H₂O 1.5
sds 4.8

1:22

(52)

H₂O 1.75
sds 3.0

1:26

(53)

H₂O 1.5
3.5 sds

7.0

1:30

base of boat

(2)

on the
marginH₂O +1
sds 9

(54)

H₂O 2.5
sds 5.0

1:37

3.0

(55)

H₂O 2.3
sds 5.7

1:40

(56)

some rocks at surface
H₂O depth 1.5
other areas 2+ feet

1:47

(57)

4.18 sds
+1.5 H₂O

1:53

(58)

4.5 sds
0 H₂O

2:00

(59)

0 H₂O

2:03

off the base
1.1 H₂O
4.0 sds

2:05

(60)

back of boat
3.05 H₂O
2.0 sds

2:08

in margin
H₂O 1.7
sds 7.5below
marginH₂O 1.4
sds 5.5

(61)

H₂O 1.5
sds 4.0

2:15

(62)

H₂O 1.4
sds 3.2

2:18

63

H₂O 1.5
Recovery 4.1

2:22

1/24/94

SMRC-#3 didn't count @ 15m

TD 3.2 No H₂O 10:30

Recovery 2.1

$$\frac{1.1}{3.2} = \frac{Y}{100}$$

$$32 \overline{) 3430} \begin{array}{r} 100 \\ 1100 \\ 1400 \\ 330 \end{array}$$

SMRC #4 3.0 TD No H₂O 10:42

2.9 Recovery

$$\frac{2.1}{2.9}$$

$$\frac{2.1}{5.0} = \frac{Y}{100}$$

$$5 \overline{) 1420} \begin{array}{r} 280 \\ 1400 \\ 20 \end{array}$$

64

Probe → 8'

No H₂O

10:55

SMC #5 3.8 TD

No H₂O

10:55

3.0 TR

glacial forest same along

$$38 \overline{) 1000} \begin{array}{r} 26 \\ 760 \\ 240 \end{array}$$

#6

7.5 TD

No H₂O

11:15

4.7 TR

$$\frac{2.8}{4.7}$$

in sand feet

$$\frac{2.8}{7.5} = \frac{Y}{100}$$

$$75 \overline{) 2800} \begin{array}{r} 37 \\ 2250 \\ 550 \\ 525 \\ 25 \end{array}$$

~~* NO SM #1 #2 and #3 processed. SM #4 was incomplete (not processed)~~

1/23/94

Port Leon transect.

#7

limestone boulders exposed
core taken to side of
ditch

Total depth:

Core length:

Elevation 4 feet

10:05 AM

#8

add 2 feet to
ground level

total dep:

core length

Elevation 5 feet

10:20

Core #9 TD 5.5"
FB 4.75

18%
5.5 100 55 1800
55
430
410

Core #10 did this one Now #16

7.2 TD

(15) 9 ft feet 11/31 10.10

at sea level

(66) tidal channel - sand comp
empty

ele 0
sed 1 ft

(7) Change 1st #9 to this

Core #8

H₂O +2 11.40

purple-flowered succulent shrubs
at the head of this creek

near *Cladyspalms* and this
shrubs all along the coast here

TD 9.6

Recovered 6.9
2.7

$\frac{2.7}{9.6} = \frac{x}{100}$
4% 23.1
142

Core #10

11:55 780
748
32

TD 6.5

loc 5.3

H₂O 3 inches - rain at night

184
1100
95
550
230
320

Core #11

12.20

TD 6.0

loc 5.6

4% 100 640
34

at night @

in the tree

2/7/94 any hours start 80.3

bug Bungees

4 inch post cut in 3 per



Core #12

11:30

TD 3.9'

TR 2.1'

H₂O 4.5' etc

$$\frac{1.4}{3.9} = \frac{x}{100} \quad 46$$

$$39 \overline{) 13000}$$

$$\begin{array}{r} 156 \\ 240 \\ 234 \\ \hline \end{array}$$

Core #13

went to 15

TD 4.1'

TR 2.5'

compaction 34%

12:00

$$\frac{1.6}{4.1} = \frac{x}{100} \quad 39.2$$

$$41 \overline{) 16000}$$

$$\begin{array}{r} 123 \\ 370 \\ 392 \\ \hline \end{array}$$

Core #14

TD 3.9'

TR 2.7'

12:40

$$\frac{1.4}{3.9} = \frac{x}{100}$$

$$39 \overline{) 14000}$$

$$\begin{array}{r} 358 \\ 210 \\ 234 \\ \hline \end{array}$$

2/9/94

10:55

Core #15

#20 + 2 etc

TD 3.1'

RC 3.1'

$$\frac{1.1}{3.1} = \frac{x}{100} \quad 35.2$$

$$31 \overline{) 1100}$$

$$\begin{array}{r} 93 \\ 170 \\ \hline \end{array}$$

Core #16

$$\frac{1.2}{8.7} = \frac{x}{100} \quad 13.6$$

$$87 \overline{) 1200}$$

$$\begin{array}{r} 87 \\ 330 \\ 261 \\ \hline \end{array}$$

TD 8.7

TR 6.0 & 1.5 from bottom

did not mark it to bottom

& 1.5' of clay

min / 5 min

2/21/9

#16 depth 2.6
seds 2.5

felt like sand

10:54

#16

H₂O 3.3

10:54

sandy seds

Q 68 couldn't hit bottom w/ 10'
probe so took a core

so for 17.6 ft pipe have been used



didn't recover it

2/21/94

Surface water quality started
2:12:00

Mouth-Light 5

(1)

Light Henry B = Light 10

(2)

↓ Bridge

(14)

Pb-210 core @ Don Coker's site

C-14 ↓

17

SMC-17

info

Core 24 took 1st sample 8'3" - 8'5"

Core 24 took 2nd sample 8'1" - 8'3"

St Mark C-14 info

SM
core # 10, 18% compaction - dark brown
peaty clay at the separation of 15'
Heterogeneous sediments
3.2'

4R-3) at the bottom of the core, dyed
SM-3 core 5' before compaction so
well 52g id was @ 5'
even though measure (width)
was 3'6" after compaction

SM core 11

4.8'

4/20/94

Li, Br 20:00

10:40

(69)

H₂O 5'

10:40

Sols 7.5

Sandy-mucky

(70)

19.75

H₂O 3.75

Oxygenator

Sols 14.00

10:50

Lucella River SET Silt

Pb-210 core 44" recovered
60.5 T Depth

give # later core #31

(7) same drg 4/20/94 10:55

15.80
H₂O 4.75
Sils 7.35
sands

(72) 12.80
H₂O 5.5
Sils 7.5
muddy 11:00

(73) 13.15
H₂O 5.8
Sils 7.7
muddy 11:05

(74) 8.5 Total
H₂O 0.5
Sils 2.0 total
muddy 11:10

(75) 15.5
H₂O 6.25
Sils 9.25
muddy 11:15

15.30 Total

(76) 6.25 H₂O
9.25 Sils
muddy 11:20

(77) 2.78
5.75 H₂O
17.25 Sils
muddy 11:25

(78) 13.5 Total
6.5 H₂O
7.0 Sils
muddy 11:30

(79) 12.0 Total
6.5 H₂O
5.5 Sils
muddy 11:40

(80) 3.40 Total
6.75 H₂O
6.75 Sils
muddy 11:45

(81) 11.40 Total
6.75 H₂O
4.75 Sils
sand 11:50

(82) 13.00 Total
3.75 H₂O
9.25 Sils
sand 12:05

(83) 18.5 Total 12:20
 9.0 H₂O
 7.5 seeds

(84) 19.0 Total 12:50
 5.5 H₂O
 9.5 seeds

(85) 15.5 Total 12:35
 11.0 H₂O
 4.5 seeds

(86) 15.0 Total 12:45
 13' H₂O 1st surface

(87) H₂O + .5 4/26/94 11:10
 seeds 6
 return 4 33% compaction

(88) H₂O 4.0 11:40
 seeds 1.6 seeds

(89) H₂O 6.0 11:45
 seeds 2.5

(90) H₂O 7.25 11:52
 seeds .25

(91) H₂O 6.7 12:25
 seeds 3.0

(92) 14.0
 H₂O 6.25 12:40
 7.75

102° 1st surface 54
 45° 2nd surface 74

(93) Total 10.0 12:50
 H₂O 7.3
 seeds 2.7

45° 1st surface
 126° 1st surface

(94) Total 15.0 1:05
 H₂O 8.5
 7.5

(95)

light house 30
 middle 120
 13.70 Total
 7.25 H₂O
6.55 seeds 61

11.15

(96)

17.80 Total
 7.75 H₂O
10.25

11.25

light house 20°
 middle 115°

(97)

15.5 Total
 4.5 H₂O
11.5

11.30

100 middle light
 22 light house

(98)

15.5 Total
 3.5 H₂O
12.0

11.40

middle light 82
 light house 18

(99)

7.8 H₂O

9.7

light house 3°
 420 middle light

11.45

(100)

2 light house
 40 middle

11.50

H₂O 12
 seeds 0

(101)

1.2 H₂O
3.0 seeds

4/27/94
 10.40

Own light house N67W
 to the N45E

light 5290

(102) 5.80 Total under 10:55

3.75

2.25 Sds

N56W Light house

N16E Tree

S19W Light

(103)

4.3 H₂O

1.45

11:03

N46W

Light house

S29W

Light

N16E

Tree Tower

(104)

12.50 Total

5.00 H₂O

7.00 Sds

11:06

N42W

Light house

N12E

Tree tower

S28W

Light

7.5

Total

(105)

4.1 H₂O

3.1

11:14

N40W

Light house

N2E

Tree tower

S34W

Light

(106)

7.00 Total

4.00 H₂O

N59W

Light house

3.4

N5E

Tree

S34W

Light

11:16

(107)

total 11.75

4.00 H₂O

7.75 Sds

11:18

Light

N35W

Tree

N3E

Light

S5W

(skipped 108, 109)

(110)

13.5 Total

5.25 H₂O

8.25 Sds

11:30

N32W

Light

N02E

Tree

S54W

(111)

15.0 Total

6.5 H₂O

8.5 Sds

11:36

Light

N25W

Tree

Light

S68W

(110) 11:50 Total
6.3 H₂O
7.7 gds

11:54

N26W L House

N 6E FT

S 85W Light

(111) 11:0 Total
6.9 H₂O
4.1

12:00

N29W L house

N 4E FT

S 7W Light

(114) 12:30 Total
6.75 H₂O
5.25

12:05

N26W Light house

N 4E FT

S 86W Light

(115) 14:0 Total
6.0 H₂O
8.0 gds (7)

12:10

N24W L House
N 2E FT

N 47W

(116) 0-1 feet gds
11.0 H₂O

12:20

N22W L House

N FT

N 72W Light

(117) 15:0 Total
5.0 H₂O
10.0 gds

12:25

N 15W Light ps.

N 3W FT

due to Light

~~Copy # 119~~ 19:0 Total
5.5 H₂O
4.5
Total 4.5

1:05

LH N 32W
FT N 5E
Light N 20E

270°
comp 20°

cap #20 9.5 total / possible permeable

5.0 H₂O
4.5 TD of ss

of 11 we got 8.75

did not get bottom

18% compaction

7 inches

N65 W L house No. 3.1

N18 E Fire house.

↓ 5.65

measured given 4/28/94

cap #21

19:30

5.0 H₂O

2.8' expected recovery

2.0' actual recovery

29%
compaction

cap #22

10.00

H₂O 4.25

10:30

5.50

This area highly variable
front of boat in Ls back
of boat is S' side

118

N79 W LH

7.6 ss

N6 W FT

2.2 H₂O

S32 W ML

11:06

119

H₂O 3.1

11:12

ss 2.75

LH N 71 W

FT N 11 W

ML S 30 W

6.5

120

3.6 H₂O

11:17

3.9 ss

permeable
bedrock

N65 W LH

N6 W FT

S30 W ML

121

H₂O 4.5

11:25

ss 4.2

N61 W LH

N7 W FT

S45 W ML

122

H₂O 4.8

11:30

ss 2.8

N48 W LH

N6 W FT

S50 W ML

126
 LH N45W 10.5
 FT N4W 5.75 H₂O 11:37
 ML S60W 4.75 sds

127
 LH N30W 6.5 H₂O 12:01
 FT N4W 2.0 sds
 ML S60W

128
 LH N41W 14.3
 FT N5W 8.5 H₂O 12:01
 ML S78W 5.2

129
 LH N35W 11.5 Total
 FT N5W 9.5 H₂O 12:14
 ML S70W 7.8 sds

127
 N33W LH 11-12 Total 12:17
 N5W FT 10.2 H₂O
 N80W ML 1-2 pot sds

124
 LH N32W 13.5 Total 12:27
 FT N5W 11.0 H₂O
 ML N73W 2.5 sds

129
 LH N30W 13.0 H₂O 12:28
 FT N5W 1.5 H₂O
 ML N80W

130
 H₂O 1.25 1:05
 sds 6.0

hand ridge here here ridge
 water's edge

131
 H₂O 1.0 1:08
 S70E LH 3.0 sds
 FT E (dub F)
 S37E ML sandy

132
 H₂O 5.0 1:15
 sds 3.6
 S78E LH
 N45E FT
 S33E ML

(133) H₂O 12.75
6.0
S.D.S 6.75 1:20

LH 585E

FT N76E

ML 538E

(134) H₂O 7.2'
S.D.S 2.8 1:25

LH 588E

FT N75E

ML 540E

(135) H₂O 9.5
S.D.S 1.25 1:30

LH N82E

FT N70E

ML 532E

(136) H₂O 14.00
S.D.S 5.75 1:35

LH N72E

FT N68E

ML 544E

(137) LH N70E 14.0 8.00 1:39
FT N63E
ML 588E

(138) 12.5
H₂O 8.25 1:45
S.D.S 4.25

LH N82E

FT N59E

ML 554E

(139) 19.5
H₂O 8.5 1:50
S.D.S 11.0

LH N54E

FT N54E

ML 560E

Net squishy

(140) 14.0
H₂O 9.5 1:59
S.D.S 4.5

LH N45E

FT N40E

ML 570E

(141) H₂O 9.4 2:03
S.D.S 1.2

LH N43E

FT N44E

ML 580E

(141)

H₂O 10.3'

2:07

5.8 seds

N40E LH

N43E FT

S40E ML

(143)

H₂O 9.8'

2:13

S43 10.2

N32E LH

N36E FT

N30E ML

(144)

17.0 Total

2:20

11.0 H₂O

6.0 Seds

N30E LH

N34E FT

N75E ML

(145)

N40E LH

N31E FT

N64E ML

19.00 Total

13.00 H₂O

6.00 Seds

2:25

(146)

me, La Fred

4/24/94

1000

total 6.5'

LH S70E H₂O 2.25

FT S40E Seds 4.25

ML S36E

(147)

7.0

10.1

10:09

LH S75E

FT N46E

ML S31E

3.25

H₂O

3.75 seds

15.50 total

(148)

LH S70E

FT N40E

ML S39E

3.75 H₂O

10:15

11.75

really hard to get it with a gun

and didn't do as well

Mushy, long Seds again

(149)

LH E

FT N76E

ML S46E

2.25

5.0 H₂O

10:34

2.75

(150)

LH N85E

FT N73E

ML S53E

14.25

6.0 H₂O

10:42

8.25 seds

(151)

LH N83E

FT N71E

ML S44E

13.0 total

5.4 H₂O

10:50

7.6 seds

156

24.25' 0

H₂O 5.4

10:50

LH N74E

Sols 19.6

FT N66E

ML S57E

159

16.5 total

10.5 H₂O

11:10

LH N72E

6.0 Sols

FT N66E

ML S68E

went off course. ⁱⁿ out to ⁱⁿ then ^{out} ^{water}

160

13.5 total

11.5 H₂O

11:19

LH N55E

FT N55E

ML S72E

2.0 Sols

161

LH N57E

12.0 H₂O

11:29

FT N55E

1.5 Sols

ML S75E

162

LH N47E

13.5 H₂O

11:34

ML S81E

1-1.5 Sols

depending on where

it is back

163

11:41

LH N54E

14.0

H₂O

ML due E

5

Sols

need to use these #s 108, 109
152, 153, 154, 155, 156, 157

Notes w/ Don & Dave

low tide is best -

level the bubble using the hypotenuse
first then the top of triangle

turning bolt at back of the top "flywheel"
tighten it to grip the rocks

put rocks in (ours upside down)

compass on rest

rest on low tide

measure from top of plate to top of pen

4 points on each set up

1) 1) NW NE SW SE

2

3

4

5

6

7

8

9

if shells in the way - move them
knee pads may be a good idea?

- need to closest mm

- metal ruler

- pocket flashlight

- loosen the top bolts when you
near it

fit on bullet

- turn crank on

- gave us 5 bullets

- let it rip until it bellow

- shut off NO

shave it - measure it from
top of fieldspan to top of
marsh - not frozen water @ top of
marsh

89 streamer volumes

696 mm @ 12:03

become diffuse over a couple
of years, so probably have to put out
over a couple of years

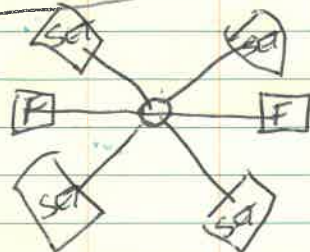
⊙ flags

⊕ 3mm aluminum clothesline
wire

put flag where you took a reading
so you don't have to dig back
it

1" diameter PVC pipe to
mark 50x50 pers

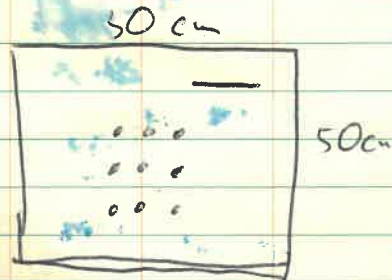
generate random #s to mark your
area



mach in
w/8
4w/ST-T
4w/ feldspar



FELDSPAR



out meter sticks this are 60 cm
± 60 cm

5/21/94

Set up 2nd & third stations
on Cassella R

5/23/94

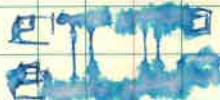
put feldspar on Cassella
and took 3 Pb-210 cores

1st on the River Mouth
by Cassella Rt

time 11:10 Core depth TD 8'
water depth 3'

measured w/ feldspar

5/23/94 Cont. at station

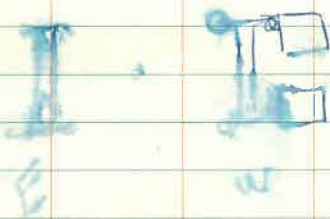


50 cm w
plots E

5/23/94 West SET station



SET SET Station



ARC-33

Pb-210 core

South of Fiddler Creek

West of Scho

SET

Station



6/2 St. Marks

10:51 Am

4.5 ft. Water

Core # 23
(vibracore)

Total sed thickness - 7.5'
~4' recovery (measure later)

Bearings - N21E to lighthouse
N60E to middle light

1:06p

water - 2.5 ft Core #24
clay in bottom of core: ~100% recovery
core ~12' long 11"

Bearings - N18E LH
N60E ML

1:50p

Water 4.0 ft Core #25

LS in both of core ~95% recovery
core - 12' long
location map

6/22/94

H2O +.5

5.60

18.45

TD = 5.6

-1.75
4.85

Core #17 Free bind 5' recovered
1.75

1.5' total recovery

elevation $\approx$ 15-75"

Core #26

11:25 6/22/94

8.75 TD

9.5 water sed 13 sed water
5.5 free bind int.
4.0 Recovery

30° 10.3

84° 1.7

4.0
8.75 = $\frac{x}{100}$

8.75
-9.2
4.75

Core #27

4.0 TP
4.3
10.7 Sed

1.00

4.75 to outside

385
5.6

5.6
385
5.6
385
5.6
4.9

SG3W Light

7/19/94

12:00

SM-164

H₂O 9.5

TD 18

Sids 8.5

disc
SMC-28

1.15

disc
SMC-29

H₂O 7

TD 19

Sid 12

2:05

Steinkatchers C-14 info molar

① AR-31 5'

② SMC#10 3.7'

③ SMC#11 4.8'

④ SM #24 8'1" - 8'5"

⑤ SM #17 21.5" S.5TP

Pb-210 cores:

SRC-36 is @ SR-18
SRC-37 is @ SR-26
SRC-38 is @ SR-82

} I didn't
put
these on

the map because they weren't
complete cores. Because they weren't
complete cores they weren't described
and didn't have any grain-size
work done - we can put them
on the map as Pb1 - Pb2 & Pb3