SOLUTIA

Applied Chemistry, Creative Solutions

Off-Site RCRA Facility Investigation (RFI) Report

Appendices

Volume 2 of 4

Solutia Inc.
Anniston, Alabama

June 2000

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Appendix A

This End Top

Sample ID: C-082-SED-1

Location:
Transect 082

Position 20%

Depth of Water: 4.0 ft
Total Length of Core: 0.2 ft
Core Interval: - ft
Samplers Initials: JJN

Date: 7/14/99 Month/Day/Year

Time:* 13:43 Hours: Min

* Military Time

01483 DS4-CJH
845011BN64501p03.cdr

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This End Top

Sample ID: C-082-SED-2

Location:

Transect 082

Position 40%

Depth of Water: 5.6 ft

Total Length of Core: 0.1 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/14/99 Month/Day/Year

Time:* 13:50 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-082-SED-3

Location:

Transect 082

Position 60%

Depth of Water: 5.2 ft

Total Length of Core: 0.6 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/14/99 Month/Day/Year

Time:* 13:59 Hours: Min

* Military Time

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6450115R/64501g03.cdr

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This End Top

Sample ID: C-082-SED-4

Location:

Transect 082

Position 80%

Depth of Water: 4.2 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/14/99 Month/Day/Year

Time:* 14:05 Hours: Min

* Military Time

01/93 D64-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 082

Date 7-14-99 **Time In** 7.15 out 1:38 **Time Out** 1430

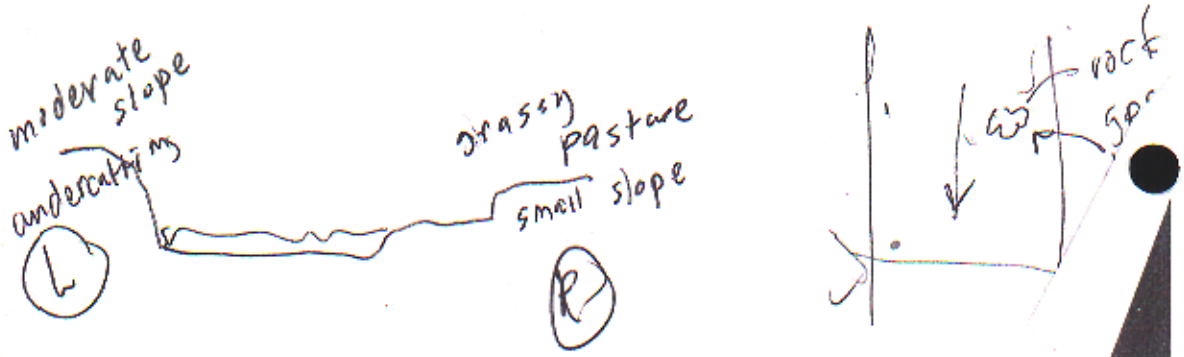
Total Water Width	107	6.6 out	6.4 out	5.65
Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~81.4~~ 16	42.8	69 ~~64.2~~ 59	~~85.6~~ 91
Water Column	~~4.7~~ 4.0	5.6'	5.2 ~~5.4~~'	~~4.5~~' 4.2
Sediment Penetrated	0.2'	0.1'	0.6'	0.4'
Sediment Recovered	0.2'	0.1'	0.6'	0.3
Time	1:43	1:50	1:59'	2:05
Sample ID	C-082-Sed-1 fine brown sand some rocks	C-082-Sed-2 brown small sand rocks	C-082-Sed-3 brow small to large sand & rocks	C-08~~2~~-Sed-4 brown small sand

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		

Notes

photos 23 & 24
moderate flow

Bank Sketch

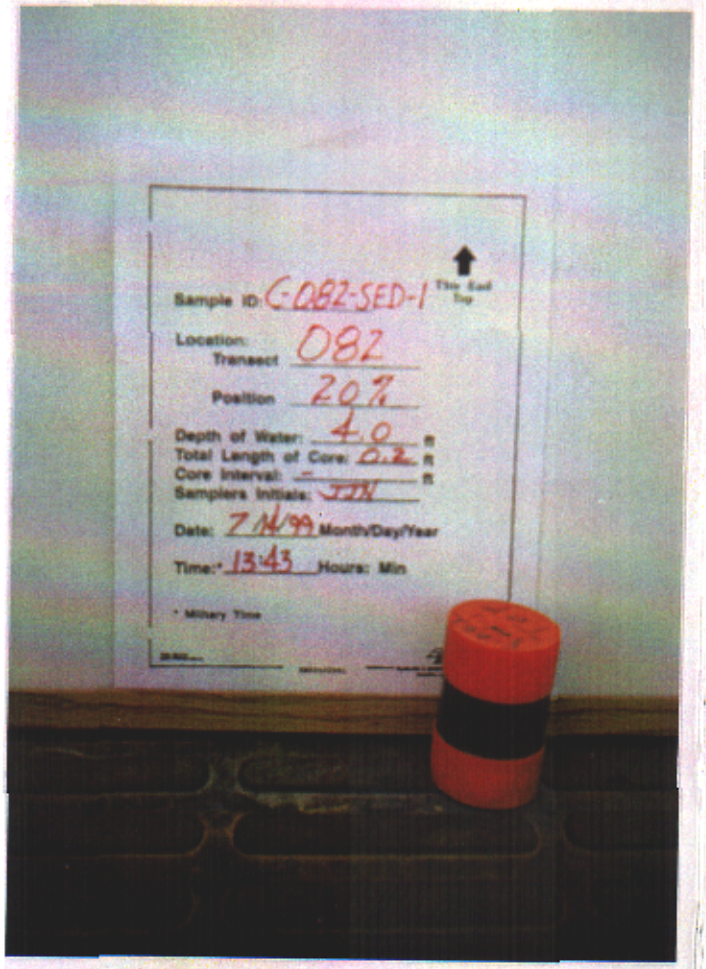


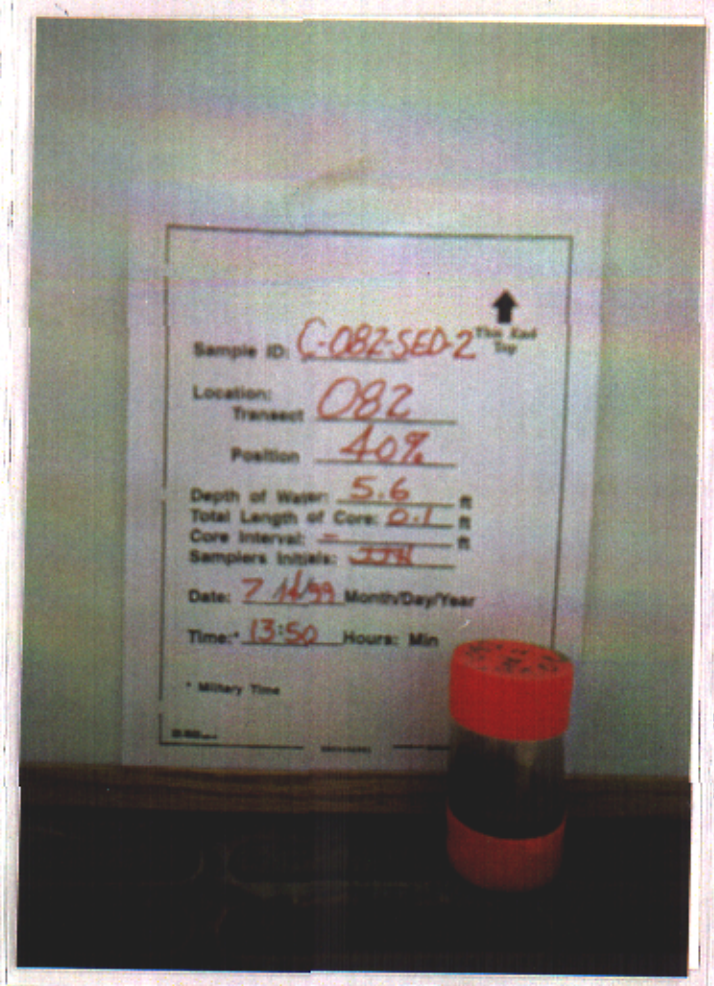


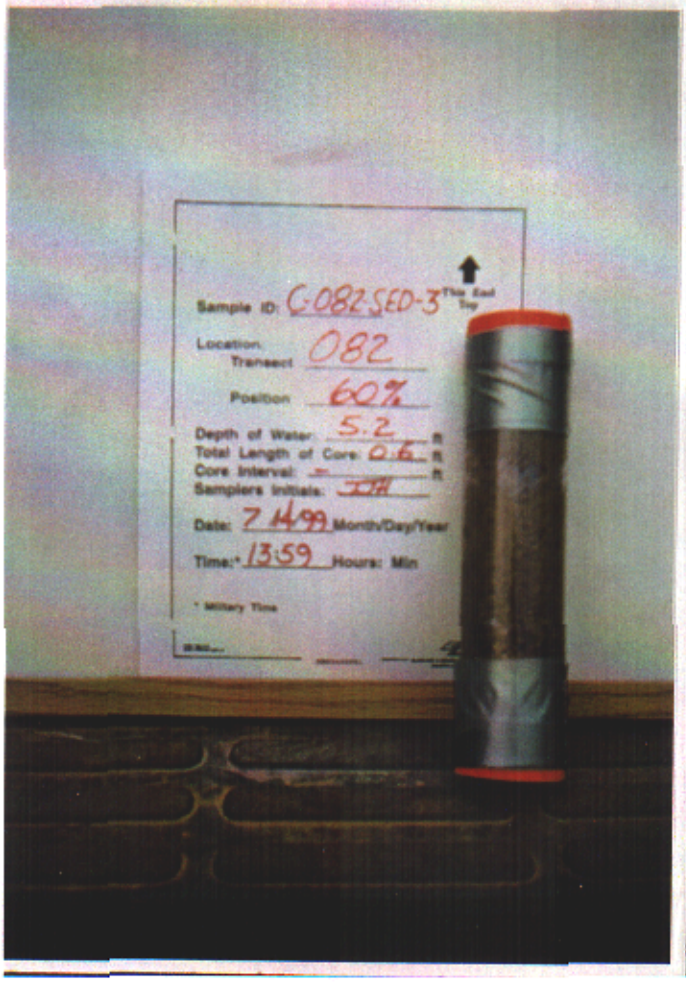
OBL LEFT

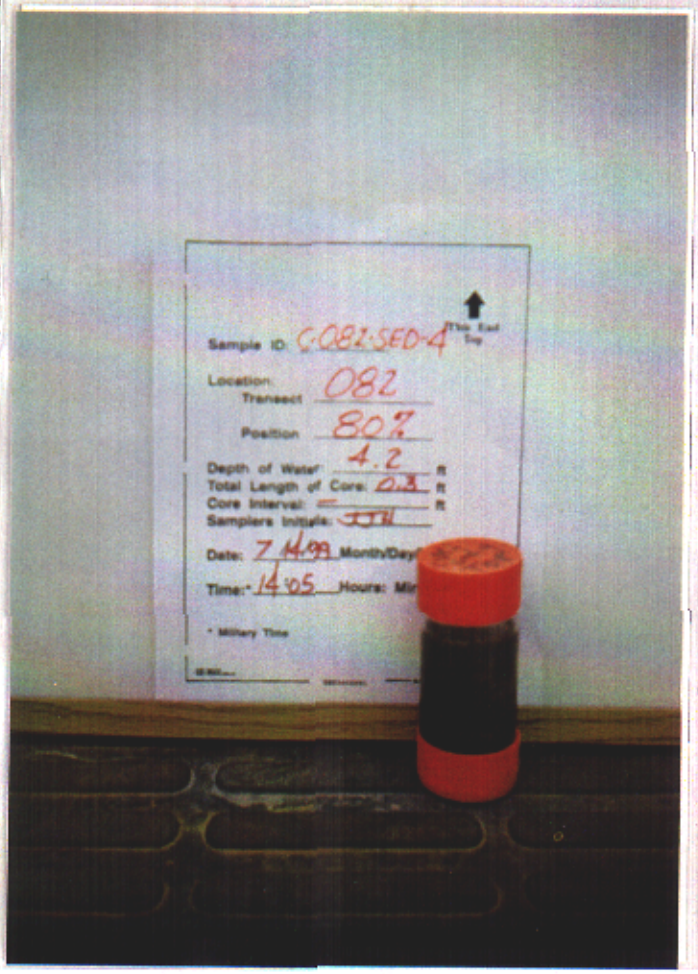


OBL RIGHT


Sample ID: C-082-SED-1
This End Top
Location:
Transect 082
Position 20%
Depth of Water: 4.0 ft
Total Length of Core: 0.2 ft
Core Interval: - ft
Samplers Initials: JDH
Date: 7/14/99 Month/Day/Year
Time:* 13:43 Hours: Min
* Military Time


Sample ID: C-082-SED-2
This End Top
Location:
Transect 082
Position 40%
Depth of Water: 5.6 ft
Total Length of Core: 0.1 ft
Core Interval: - ft
Samplers Initials: JDH
Date: 7/14/99 Month/Day/Year
Time:* 13:50 Hours: Min
* Military Time


Sample ID: C-082-SED-3
This End Top
Location:
Transect 082
Position 60%
Depth of Water: 5.2 ft
Total Length of Core: 0.6 ft
Core Interval: - ft
Samplers Initials: JDH
Date: 7/14/99 Month/Day/Year
Time:* 13:59 Hours: Min
* Military Time


Sample ID: C-082-SED-4
This End Top
Location:
Transect 082
Position 80%
Depth of Water 4.2 ft
Total Length of Core: 0.3 ft
Core Interval: - ft
Samplers Initials: JDH
Date: 7/14/99 Month/Day
Time:* 14:05 Hours: Mi
* Military Time

This End Top

Sample ID: G-084-SED-1

Location:
Transect 084

Position 20%

Depth of Water: 1.8 ft
Total Length of Core: 0.25 ft
Core Interval: - ft
Samplers Initials: JJH

Date: 7/14/99 Month/Day/Year

Time:* 15:12 Hours: Min

* Military Time

01483 D64-CJH
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This End Top

Sample ID: C-084-SED-2

Location:

Transect 084

Position 40%

Depth of Water: 2.2 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/14/99 Month/Day/Year

Time:* 15:17 Hours: Min

* Military Time

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645011SR/64501g03.cdr

KB53402951

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This End Top

Sample ID: C-084-SED-4

Location:
Transect 084

Position 80%

Depth of Water: 2.4 ft
Total Length of Core: 0.2 ft
Core Interval: - ft
Samplers Initials: JJH

Date: 7/14/99 Month/Day/Year

Time:* 15:26 Hours: Min

* Military Time

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645011SP64501p03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 084

Date ~~7-07~~ 7-14-99 **Time In** 3:09 **Time Out** 1615

Total Water Width	140'			
Sample Station	**20% (1)** 5.45 out	**40% (2)** 5.05	**60% (3)**	**80% (4)** 4.65
Sample Width	28'	56'	84'	107' ~~112'~~
Water Column	1.8'	2.2'	2.6'	2.4'
Sediment Penetrated	0.25'	0.3'	—	0.4'
Sediment Recovered	0.25'	0.2'	—	0.2'
Time	3:12	3:17	—	3:26
Sample ID	C-084-Sed-1 brown sand rocks	C-084-Sed-2 brown sand large rock	no sample	C-084-Sed-4 brown sand small black silt

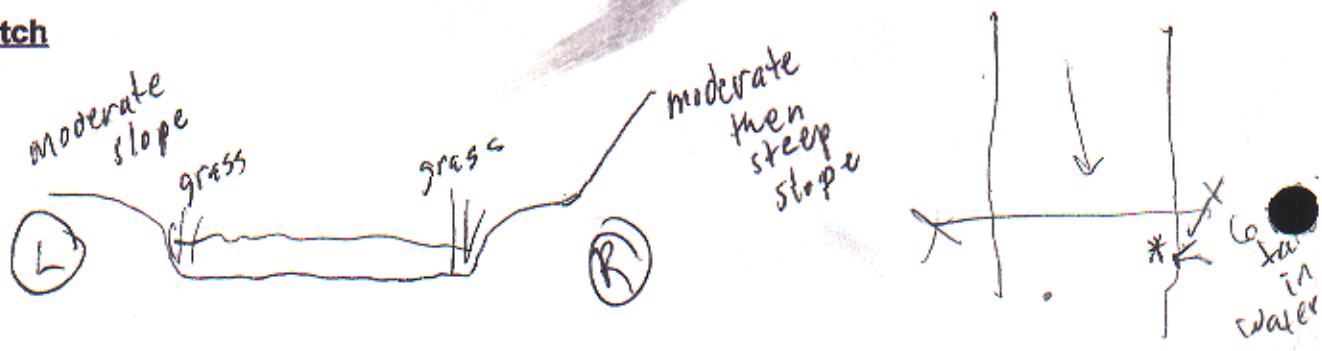
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
20	1.5	0.31 | 1.2	1.60 | 0.77	1,185	35.55
40	1.6	0.321 | 1.28	1.551 | 0.88	1,215	77.76
60	1.6	0.321 | 1.28	2.401 | 1.21	1,805	57.76
80	2.9	0.581 | 2.32	2.371 | 1.80	2,085	120.93
100	2.5	0.51 | 2.0	2.091 | 1.35	1,720	86.00
120	2.0	0.41 | 1.6	1.671 | 0.74	1,205	96.40
		|	|		
		|	|	1,536	474.40

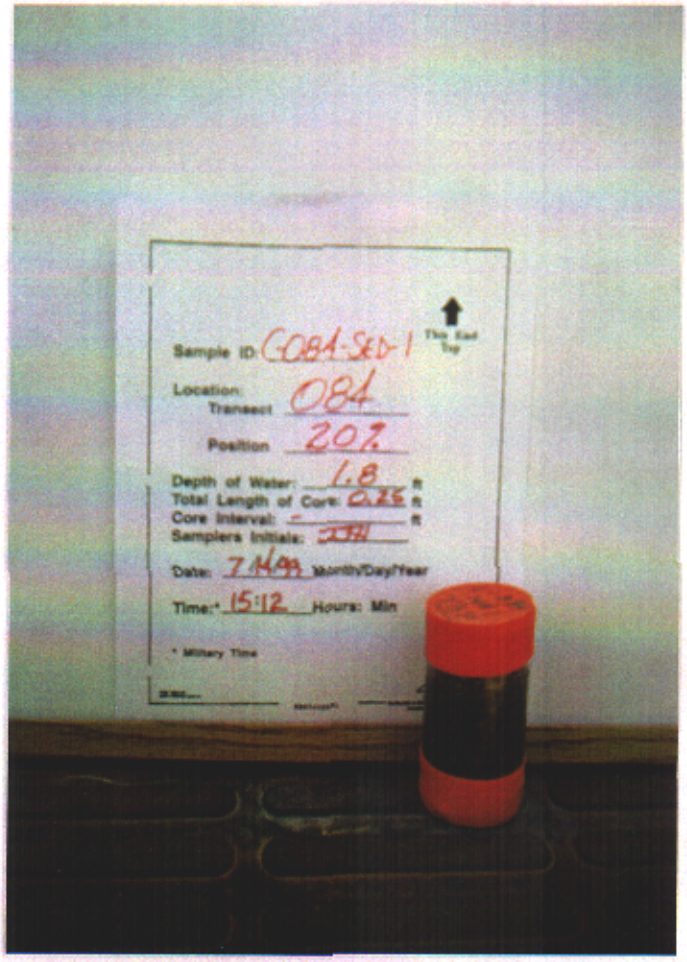
Notes

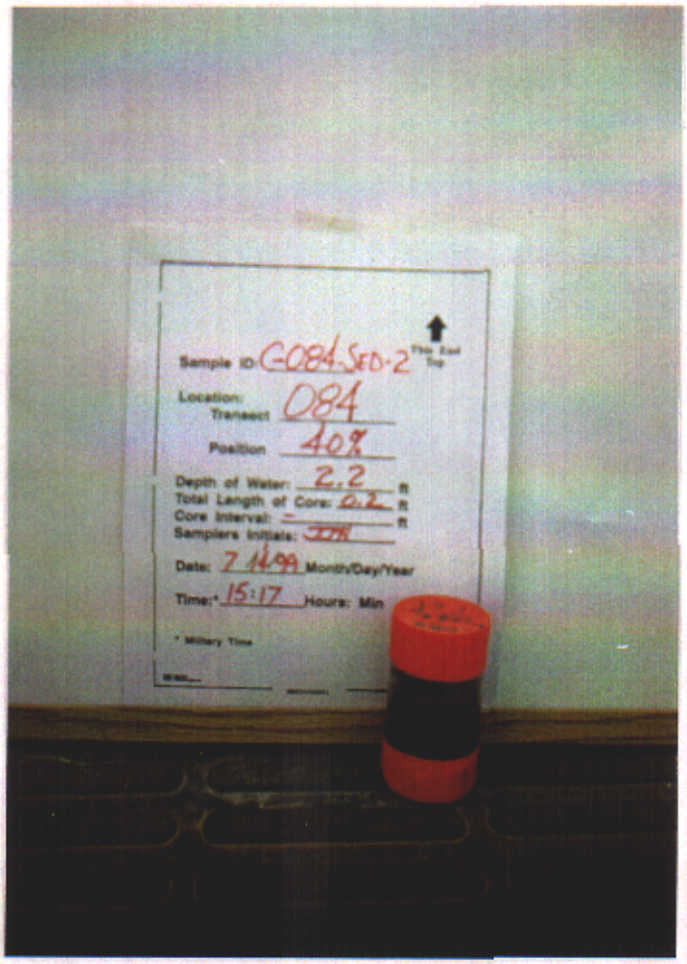
Photos 25 & 26

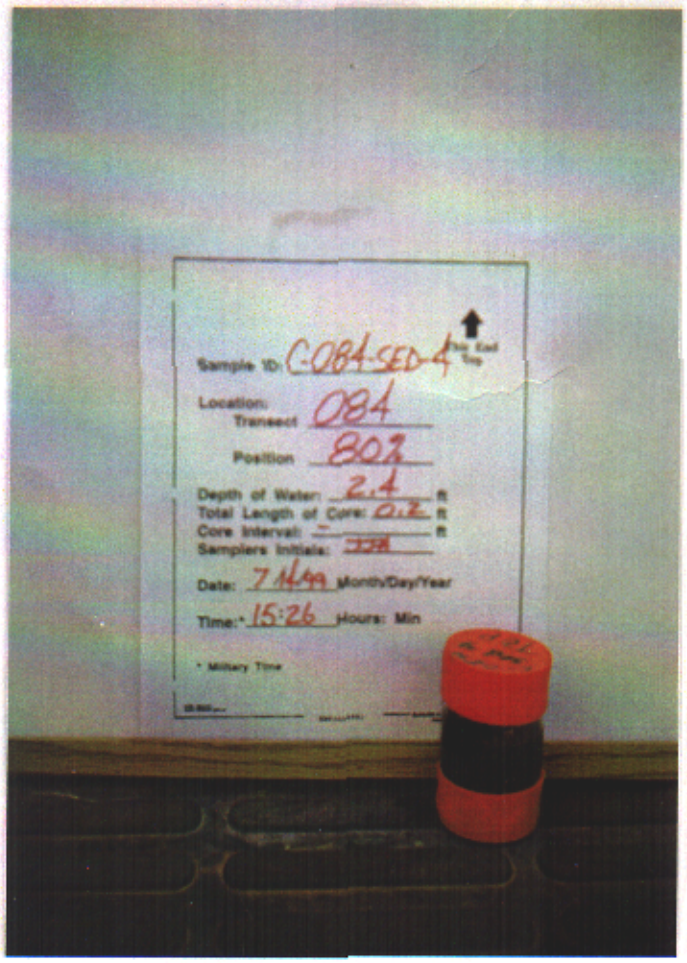
79, 84, 89 → rock bottom

Bank Sketch




Sample ID: C-084-SED-1
This End Up
Location:
Transect 084
Position 20%
Depth of Water: 1.8 ft
Total Length of Core: 0.25 ft
Core Interval: - ft
Samplers Initials: JDH
Date: 7/14/99 Month/Day/Year
Time:* 15:12 Hours: Min
* Military Time


Sample ID: C-084-SED-2
This End Up
Location:
Transect 084
Position 40%
Depth of Water: 2.2 ft
Total Length of Core: 0.2 ft
Core Interval: - ft
Samplers Initials: JDH
Date: 7/14/99 Month/Day/Year
Time:* 15:17 Hours: Min
* Military Time


Sample ID: C-084-SED-4
This End Up
Location:
Transect 084
Position 80%
Depth of Water: 2.4 ft
Total Length of Core: 0.2 ft
Core Interval: - ft
Samplers Initials: JDH
Date: 7/14/99 Month/Day/Year
Time:* 15:26 Hours: Min
* Military Time

This End Top

Sample ID: C-085-SED-2

Location:

Transect 085

Position 40%

Depth of Water: 3.9 ft

Total Length of Core: 0.4 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/14/99 Month/Day/Year

Time:* 16:54 Hours: Min

* Military Time

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This End Top

Sample ID: G-085-SED-3

Location:

Transect 085

Position 60%

Depth of Water: 3.3 ft

Total Length of Core: 0.3 ft

Core Interval: - ft

Samplers Initials: JJN

Date: 7/14/99 Month/Day/Year

Time:* 17:01 Hours: Min

* Military Time

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645011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 085

Date 7-14-99 **Time In** 4:43 **Time Out** 1750

Total Water Width	105' 7.4	7.0	6.6 ~~6.54~~	6.3
Sample Station	**20% (1)**	**40% (2)**	**60% (3)**	**80% (4)**
Sample Width	0+21'	0+42'	0+~~63~~ 58'	0+84' 85
Water Column	4.1'	3.9	3.3	~~3.0'~~ 2.7
Sediment Penetrated	—	0.45'	0.35'	—
Sediment Recovered	—	0.4	0.3'	—
Time	~~4:44~~	4:54	5:01	—
Sample ID	~~C-085-Sed-1~~ no sample	C-085-Sed-2 brown sand large rocks	C-085-Sed-3 & brown sand med to large rocks	~~C-085-Sed-4~~ no sample

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

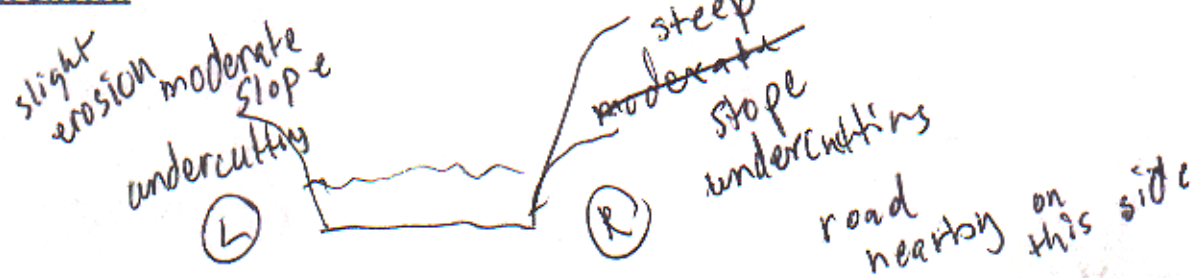
Notes

photos 1 & 2

16, 21, 26 → rock bottom

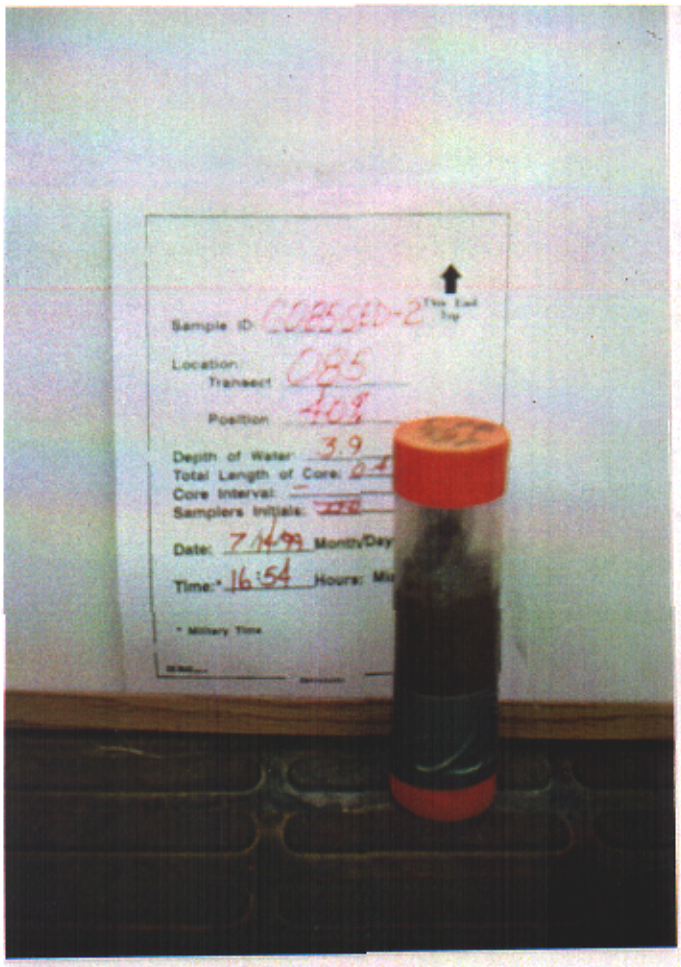
79, 84, 89 → rock bottom

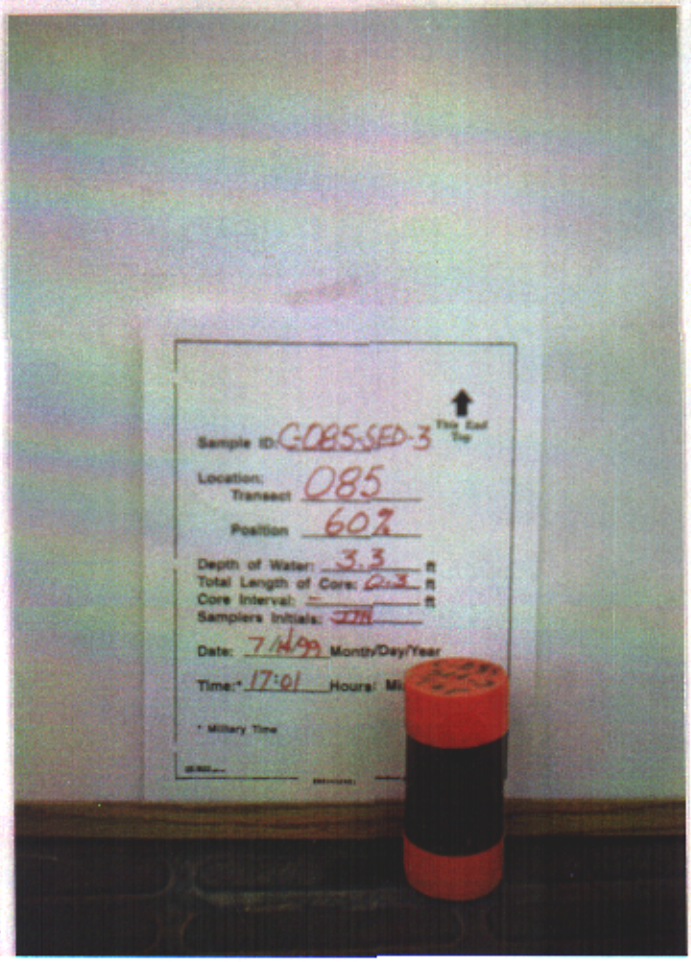
Bank Sketch




085 LEFT


085 RIGHT


Sample ID: C085SED-2
This End Up
Location:
Transect 085
Position 40%
Depth of Water: 3.9
Total Length of Core: 0.4
Core Interval: —
Samplers Initials: [illegible]
Date: 7/14/99 Month/Day/Year
Time:* 16:54 Hours: Mi
* Military Time


Sample ID: C-085-SED-3
This End Up
Location:
Transect 085
Position 60%
Depth of Water: 3.3 ft
Total Length of Core: 0.3 ft
Core Interval: — ft
Samplers Initials: [illegible]
Date: 7/14/99 Month/Day/Year
Time:* 17:01 Hours: Mi
* Military Time

This End Top

Sample ID: C-086-SED-1

Location:

Transect 086

Position 20%

Depth of Water: 5.4 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/15/99 Month/Day/Year

Time:* 09:51 Hours: Min

* Military Time

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This End Top

Sample ID: C-086-SED-2

Location:

Transect 086

Position 40%

Depth of Water: 5.8 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/15/99 Month/Day/Year

Time:* 09:58 Hours: Min

* Military Time

01483 DS4-DJH
645011SR64501g03.cdr

KB53402951

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-086-SED-3

Location:

Transect 086

Position 60%

Depth of Water: 5.4 ft

Total Length of Core: 0.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/15/99 Month/Day/Year

Time:* 10:07 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 086

Date 7-15-99 **Time In** 9:45 **Time Out** 10:50

Total Water Width 115' 7.9 out 6.9

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~23~~18	46	~~69~~64	~~92~~97
Water Column	~~6'~~ 5.4	5.8'	~~5.2~~ 5.4'	~~4.2~~ 4.4
Sediment Penetrated	0.25'	0.5'	0.5'	—
Sediment Recovered	0.25'	0.2'	6.2'	—
Time	9:51	9:58	10:07	—
Sample ID	C-086-Sed-1 fine sand & black ~~silt~~ org	C-086-Sed-2 medium coarse sand black ~~org~~ org	C-086-Sed-3 brown coarse sand, small ~~gravel~~ pebbles	no sample

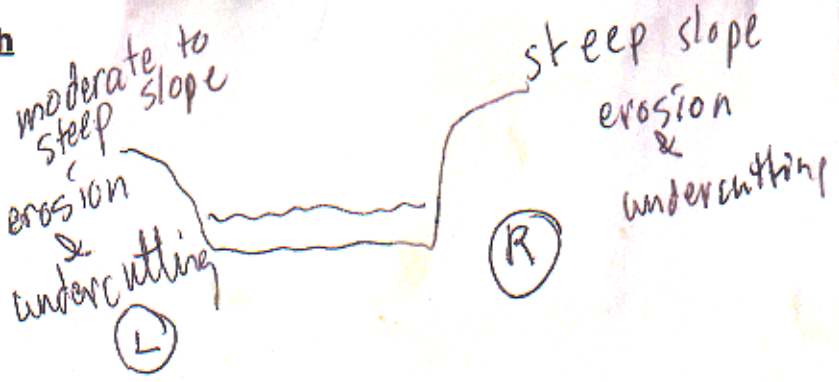
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Notes

photos 3 & 4

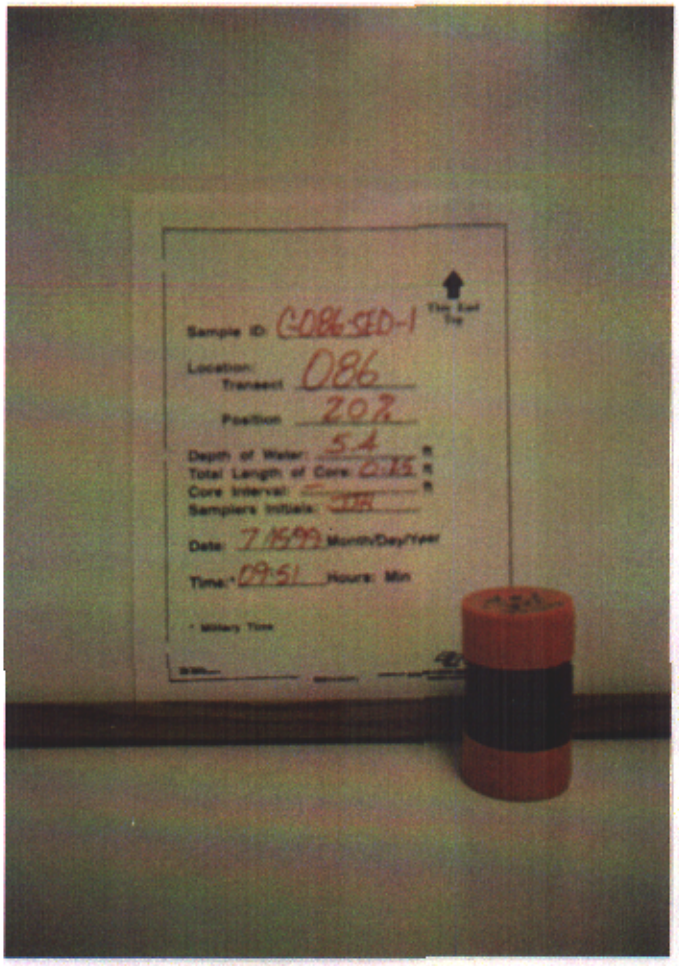
87, 92, 97 ⇨ rock bottom

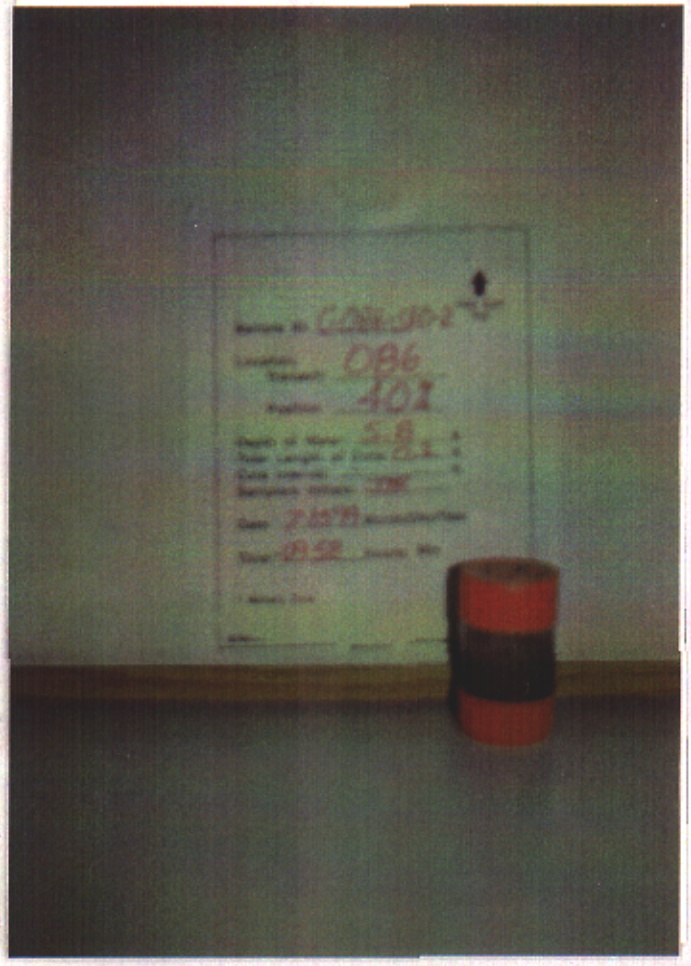
Bank Sketch

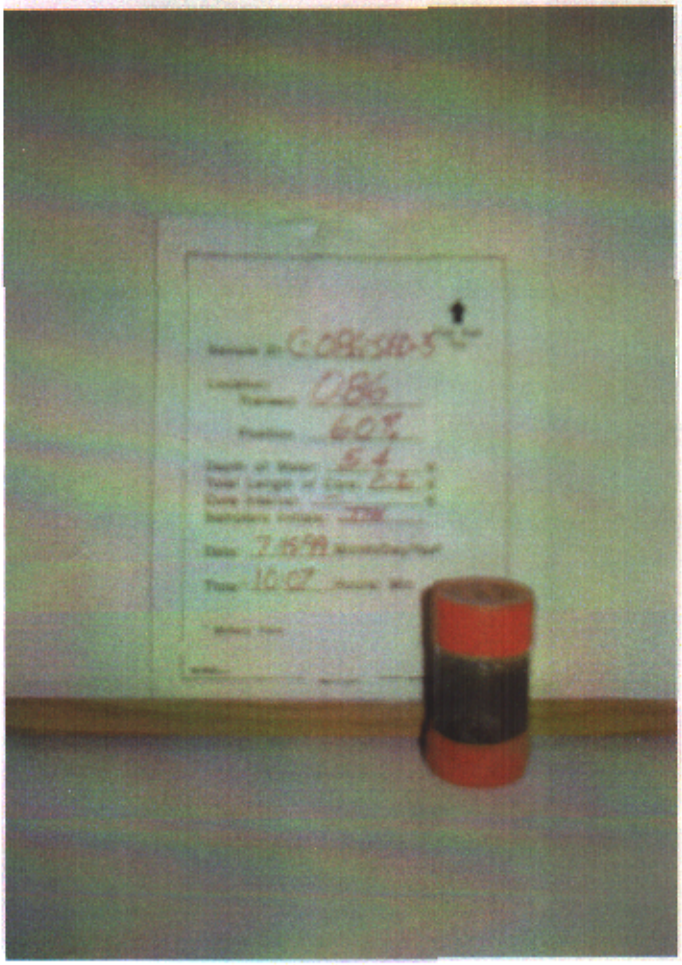



086 LEFT


086 RIGHT


Sample ID: C-086-SED-1
Location:
Transect 086
Position 20%
Depth of Water: 5.4 ft
Total Length of Core: 0.75 ft
Core Interval: ft
Samplers Initials:
Date: 7/15/99 Month/Day/Year
Time:* 09:51 Hours: Min
* Military Time


086
40%


086
60%
5.4
Date: 7/15/99
Time: 10:07

This End Top

Sample ID: C-087-SED-3

Location:

Transect 087

Position 60%

Depth of Water: 6.9 ft

Total Length of Core: 0.35 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/15/99 Month/Day/Year

Time:* 11:12 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 087

Date 7-15-99 **Time In** 11:02 **Time Out** 11:50

Total Water Width 75'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	15	30	45	~~60~~ 65 5
Water Column	7.6	8.3'	6.9'	~~4.6'~~ 3.2
Sediment Penetrated	—	—	0.35'	—
Sediment Recovered	—	—	0.35'	—
Time	—	—	11:12	—
Sample ID	—	—	C-087-Sed-3	—
	bedrock no sample	bedrock no sample	~~brown~~ coarse sand black ~~silt~~	no sample

7.75 out ~~7.45~~

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

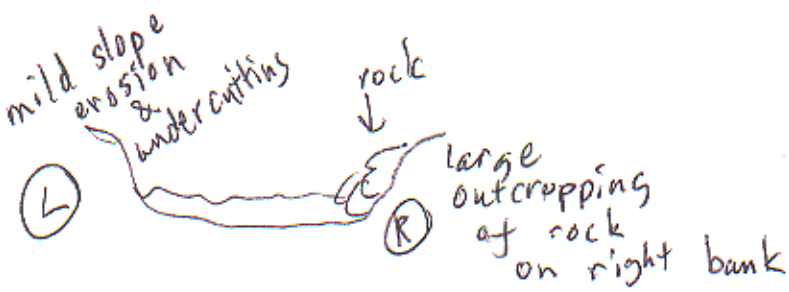
Notes

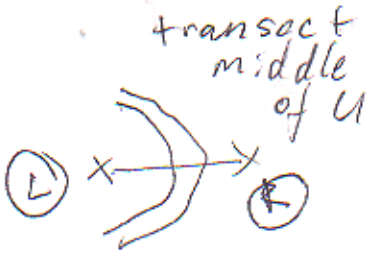
photos 5,8,6

10, 15, 20 → rock bottom bedrock, 30, 25, 35 → bedrock

55, 60, 65 → bedrock

Bank Sketch






087 LEFT


087 RIGHT


C687
7.09

This End Top

Sample ID: C-088-SED-1

Location:
Transect 088

Position 20%

Depth of Water: 2.4 ft
Total Length of Core: 0.25 ft
Core Interval: - ft
Samplers Initials: JSM

Date: 7/15/99 Month/Day/Year

Time:* 16:02 Hours: Min

* Military Time

01483 D64-DJH
645011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-088-SED-2

Location:

Transect 088

Position 40%

Depth of Water: 2.1 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JDA

Date: 7/15/99 Month/Day/Year

Time:* 16:08 Hours: Min

* Military Time

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KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-088-SED-3

Location:

Transect 088

Position 60%

Depth of Water: 2.2 ft

Total Length of Core: 0.35 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/15/99 Month/Day/Year

Time:* 16:12 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501003.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-088-SED-4

Location:

Transect 088

Position 80%

Depth of Water: 1.6 ft

Total Length of Core: 0.3 ft

Core Interval: – ft

Samplers Initials: JDH

Date: 7/15/99 Month/Day/Year

Time:* 16:16 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 088

Date 7-15-99 **Time In** 15:59 **Time Out** 1646

Total Water Width 120

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~24~~ 19	48	72	96
Water Column	2.4	2.1	2.2	1.6
Sediment Penetrated	0.25'	0.4'	0.45'	0.3'
Sediment Recovered	0.25'	0.3'	0.35'	0.3'
Time	@ 16:02	16:08	16:12	16:16
Sample ID	C-088-Sed-1 broad-coarse sand	C-088-Sed-2 broad/course sand	C-088-Sed-3 broad- course sand black ~~clay~~	C-088-Sed-4 broad coarse sand black ~~clay~~

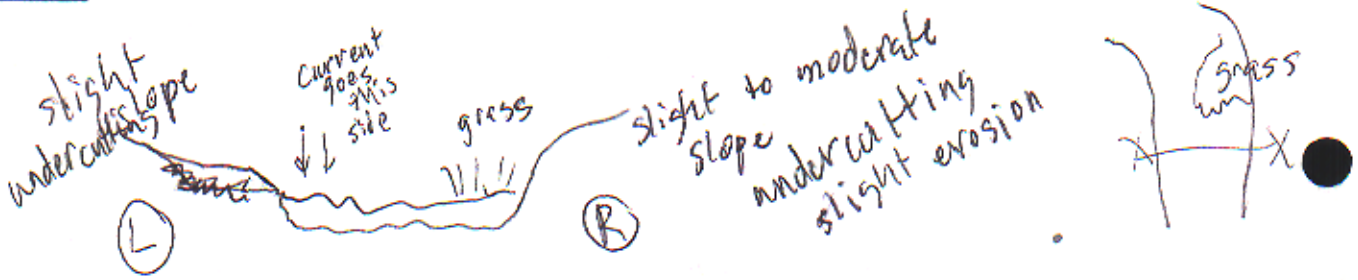
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
20	2.3	0.46 | 1.84	0.341 | 10.28	0.31	14.26
40	2.2	0.44 | 1.76	1.061 | 10.77	0.915	40.26
60	2.2	0.44 | 1.76	2.341 | 11.53	1.935	85.14
80	2.1	0.42 | 1.68	2.651 | 12.63	2.64	110.88
100	1.6	0.32 | 1.28	2.811 | 12.37	2.59	165.76
		|	|		
		|	|		
		|	|	1.678	416.30

Notes

Photos 7 & 8

fast current on left side

Bank Sketch

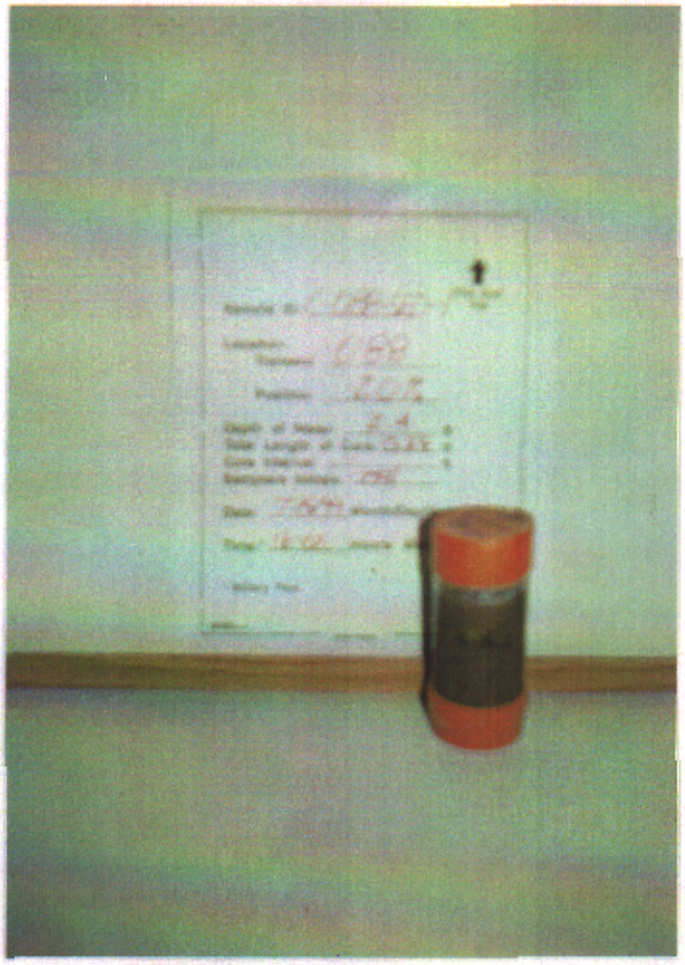


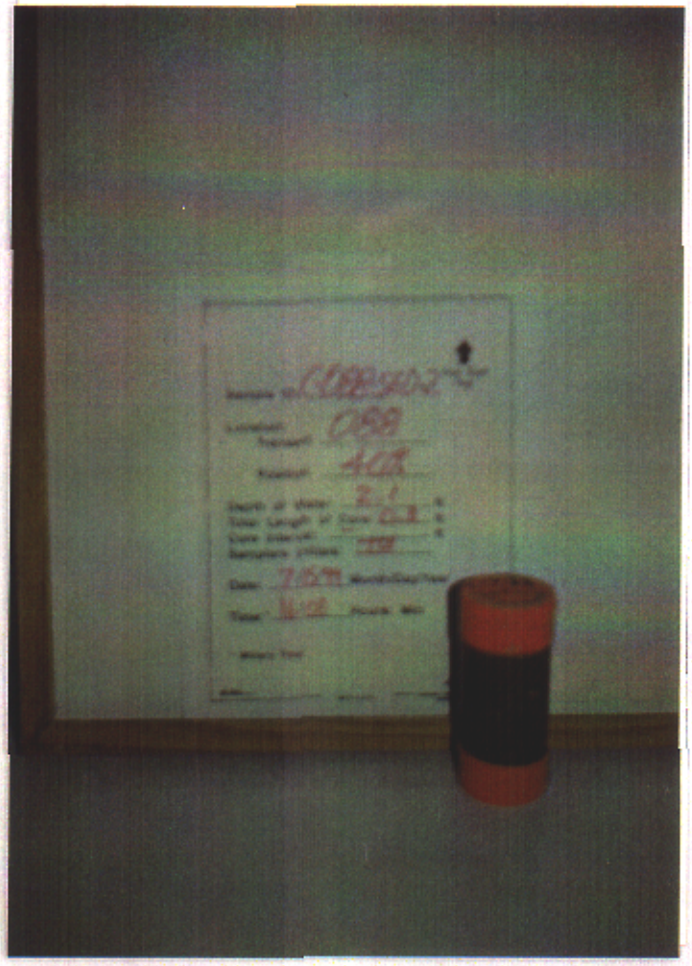


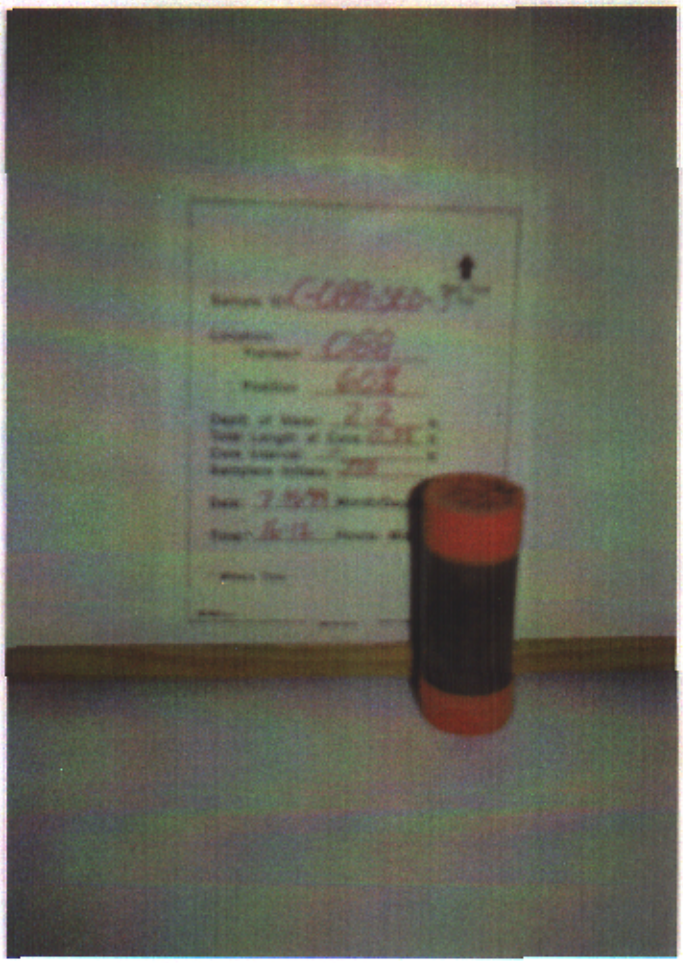
088 LEFT

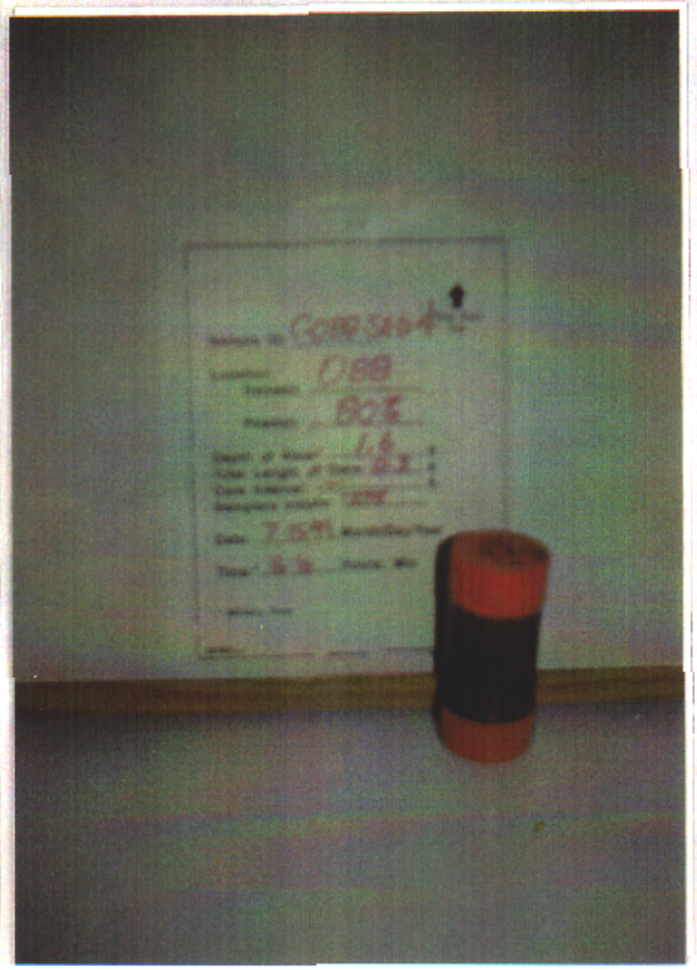


088 RIGHT











This End Top

Sample ID: C-089-SED-2

Location:

Transect 089

Position 40%

Depth of Water: 1.9 ft

Total Length of Core: 0.3 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/19/99 Month/Day/Year

Time:* 14:25 Hours: Min

* Military Time

01/93 D64-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-089-SED-3

Location:

Transect 089

Position 60%

Depth of Water: 2.9 ft

Total Length of Core: 0.45 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/19/99 Month/Day/Year

Time:* 14:35 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 089

Date 7/19/99 **Time In** 1350 **Time Out** 1510

Total Water Width 100'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+20'	0+40' 45'	0+60'	0+80'
Water Column	1.4'	1.9'	2.9'	2.9'
Sediment Penetrated	—	0.3	0.45'	—
Sediment Recovered	—	0.3	0.45'	—
Time	—	1425	1435	—
Sample ID	—	C-089-SED-2	C-089-SED-3	—
	NO SAMPLE	MED GRAVEL & M-C SAND	SM GRAVEL & F-M SAND	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

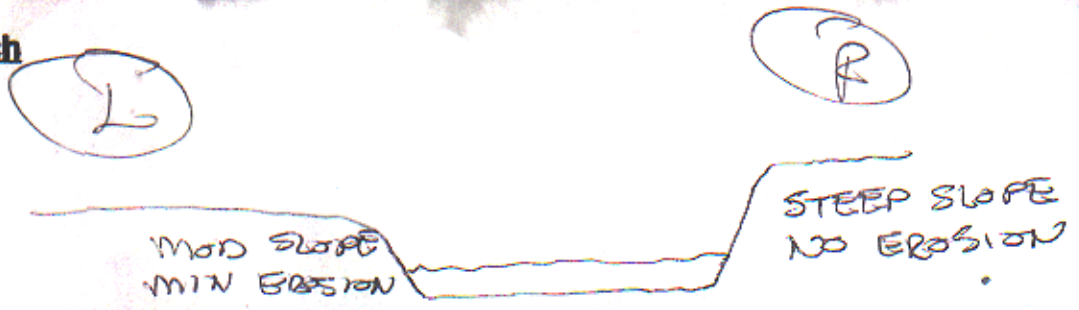
— OUTCROPPING OF BEDROCK THROUGHOUT THIS SECTION OF CREEK, SHALLOW, RAPID WATER.

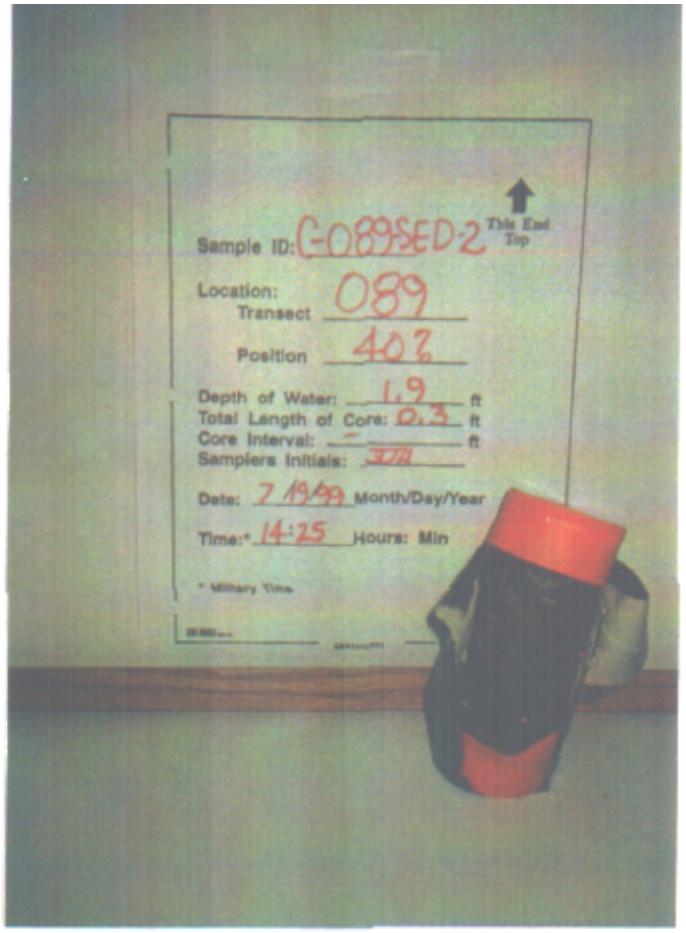
Notes

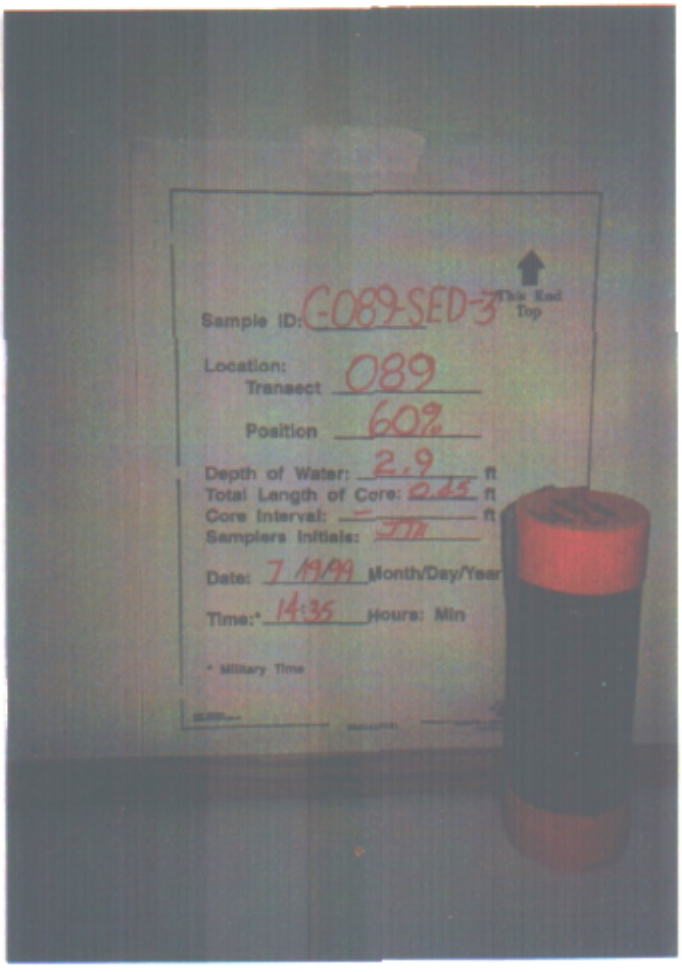
3/0 - 3 ATTEMPTS MADE 15', 20', 25' - ROCK AND COBBLE BOTTOM

3/0 - 3 " " 75', 80', 85' - ROCK AND COBBLE BOTTOM

Bank Sketch




Sample ID: C-089-SED-2
This End Top
Location:
Transect 089
Position 40%
Depth of Water: 1.9 ft
Total Length of Core: 0.3 ft
Core Interval: — ft
Samplers Initials: JCH
Date: 7/19/99 Month/Day/Year
Time:* 14:25 Hours: Min
* Military Time


Sample ID: C-089-SED-3
This End Top
Location:
Transect 089
Position 60%
Depth of Water: 2.9 ft
Total Length of Core: 0.45 ft
Core Interval: — ft
Samplers Initials: JCH
Date: 7/19/99 Month/Day/Year
Time:* 14:35 Hours: Min
* Military Time

This End Top

Sample ID: C-090-SED-1

Location:

Transect 090

Position 20%

Depth of Water: 4.0 ft

Total Length of Core: 0.3 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/19/99 Month/Day/Year

Time:* 15:42 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: G090-SED-2

Location:

Transect 090

Position 40%

Depth of Water: 3.9 ft

Total Length of Core: 0.1 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/19/99 Month/Day/Year

Time:* 15:47 Hours: Min

* Military Time

01/93 D54-DJH
545011SR/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-090-SED-3

Location:

Transect 090

Position 60%

Depth of Water: 2.6 ft

Total Length of Core: 0.15 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/19/99 Month/Day/Year

Time:* 15:53 Hours: Min

* Military Time

01/93 D54-DJK
6450115R/6450 1g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-090-SED-4

Location:
Transect 090

Position 80%

Depth of Water: 2.4 ft
Total Length of Core: 0.2 ft
Core Interval: - ft
Samplers Initials: JJH

Date: 7/19/99 Month/Day/Year

Time:* 15:59 Hours: Min

* Military Time

0483 DS4-DJH
645011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 090

Date 2/14/09 **Time In** 1520 **Time Out** 1620

Total Water Width 130'

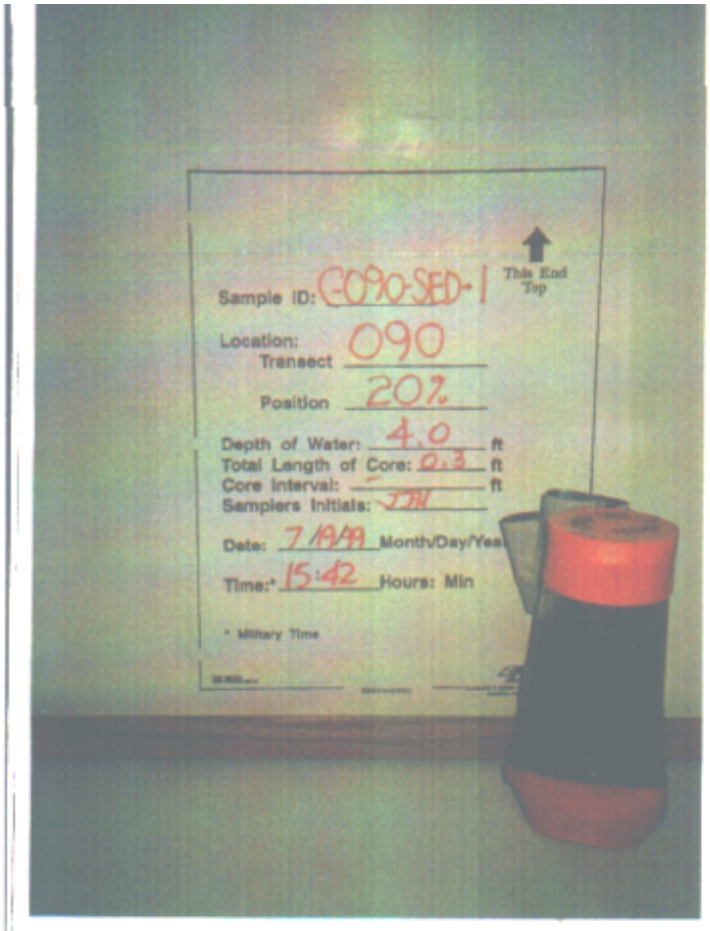
	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station	0+26 21	0+52	0+78	0+109
Sample Width	4.0	3.9	2.6	2.4
Water Column	.3	.1	.35	.3
Sediment Penetrated	.3	.1	.15	.2
Sediment Recovered	1542	1547	1553	1559
Time	C-090-SED-1 LARGE ROCK MED TO COARSE SAND	C-090-SED-2 MED TO COARSE SAND	C-090-SED-3 MED TO COARSE SAND	C-090-SED LARGE ROC MED TO CO SAND
Sample ID				

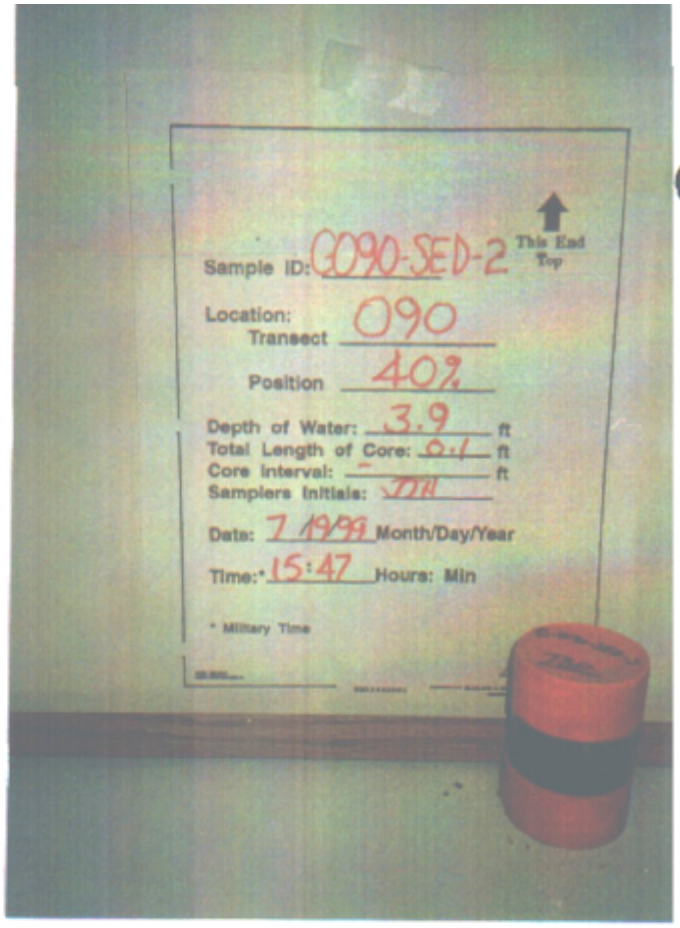
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

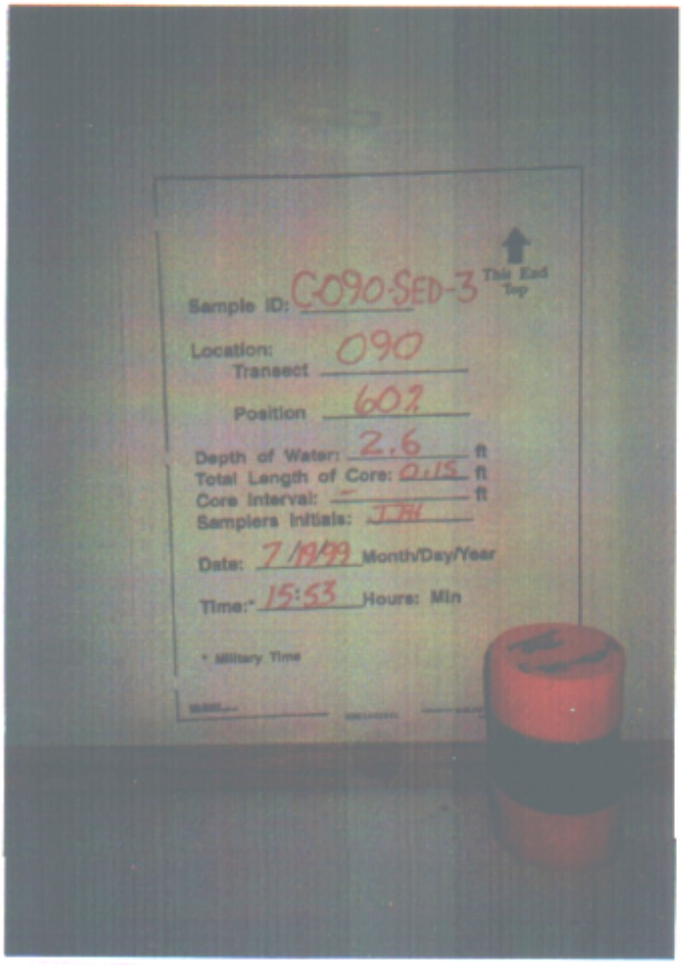
Notes FALLEN TREE 50' UPSTREAM OF RIGHT TRANSECT

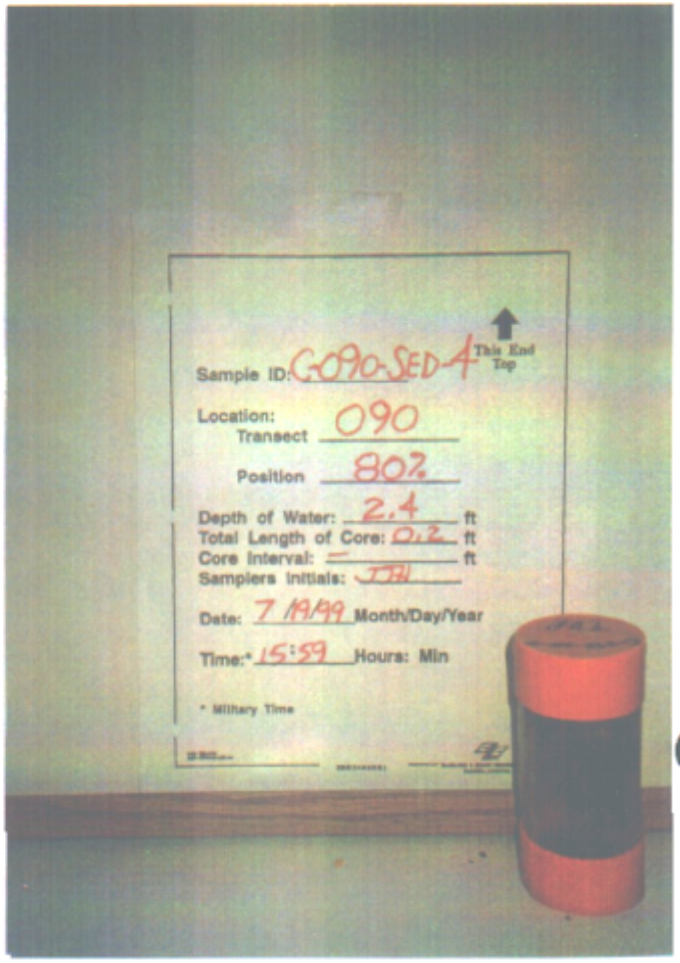
Bank Sketch




Sample ID: C-090-SED-1
This End Top
Location:
Transect 090
Position 20%
Depth of Water: 4.0 ft
Total Length of Core: 0.3 ft
Core Interval: - ft
Samplers Initials: JJH
Date: 7/19/99 Month/Day/Year
Time:* 15:42 Hours: Min
* Military Time


Sample ID: C-090-SED-2
This End Top
Location:
Transect 090
Position 40%
Depth of Water: 3.9 ft
Total Length of Core: 0.1 ft
Core Interval: - ft
Samplers Initials: JJH
Date: 7/19/99 Month/Day/Year
Time:* 15:47 Hours: Min
* Military Time


Sample ID: C-090-SED-3
This End Top
Location:
Transect 090
Position 60%
Depth of Water: 2.6 ft
Total Length of Core: 0.15 ft
Core Interval: - ft
Samplers Initials: JJH
Date: 7/19/99 Month/Day/Year
Time:* 15:53 Hours: Min
* Military Time


Sample ID: C-090-SED-4
This End Top
Location:
Transect 090
Position 80%
Depth of Water: 2.4 ft
Total Length of Core: 0.2 ft
Core Interval: - ft
Samplers Initials: JJH
Date: 7/19/99 Month/Day/Year
Time:* 15:59 Hours: Min
* Military Time

This End Top

Sample ID: C-091-SED-1

Location:

Transect 091

Position 20%

Depth of Water: 5.9 ft

Total Length of Core: 0.55 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 09:32 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-091-SED-3

Location:

Transect 091

Position 60%

Depth of Water: 5.3 ft

Total Length of Core: 0.55 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 09:50 Hours: Min

* Military Time

01/93 D54-DJH
645011SP/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-091-SED-4

Location:

Transect 091

Position 80%

Depth of Water: 4.6 ft

Total Length of Core: 0.4 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 10:00 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

ELEV @ BRIDGE EASTA BOARD 24.25'

Transect Number 091

Date 7/20/99 **Time In** 0910 **Time Out** 1031

Total Water Width 111

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~22.2~~ 17	44.4	66.6	~~88.8~~ 9
Water Column	7.0 5.9	6.9	5.8	4.6
Sediment Penetrated	~~.55~~		.55	.4
Sediment Recovered	.55		.55	.4
Time	0932		0950	1050
Sample ID	C-091-SED-1		C-091-SED3	C-091-SED
	COARSE TO MED TO COARSE SAND, SMALL GRAVEL	NO SAMPLE	MED TO COARSE SAND	MED TO CO SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+20	7.0	1.4 | 5.6	0.35 | 0.27	0.31	43.4
0+40	7.5	1.5 | 6.0	0.73 | 0.55	0.64	96.0
0+60	5.5	1.1 | 4.4	0.39 | 0.28	0.31	34.1
0+80	5.1	1.02 | 4.08	0.47 | 0.55	0.51	52.02
0+100	4.0	.8 | 3.2	0.32 | 0.28	0.30	37.2
		|	|		
		|	|		
		|	|	0.414	262.7

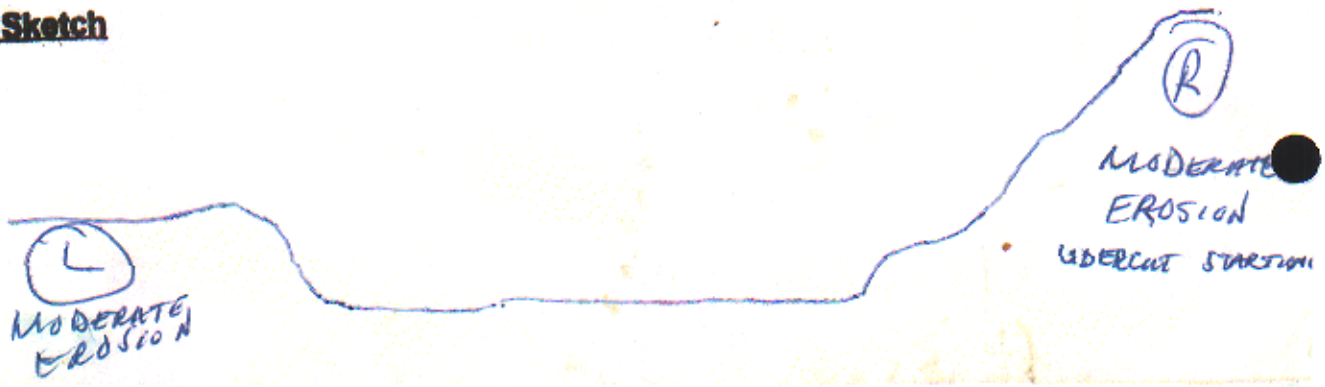
Notes

AT 20% 0+22 - ROCKS, shifted to 17'

AT 40% - 0+44 - ROCKS, shifted to 49' - DOCK - NO SAMPLE

AT 80% - 0+88 - ROCKS, shifted to 93

Bank Sketch




091LGLT




Sample ID: C-091-SED-1
This End Top
Location:
Transect 091
Position 20%
Depth of Water: 5.9
Total Length of Core: 0.55
Core Interval: —
Samplers Initials: JSH
Date: 7/20/99 Month/Day/Year
Time:* 09:32 Hours: Min
* Military Time

160


Sample ID: C-091-SED-3
This End Top
Location:
Transect 091
Position 60%
Depth of Water: 5.3 ft
Total Length of Core: 0.55 ft
Core Interval: — ft
Samplers Initials: JSH
Date: 7/20/99 Month/Day/Year
Time:* 09:50 Hours: Min
* Military Time


Sample ID: C-091-SED-4
This End Top
Location:
Transect 091
Position 80%
Depth of Water: 4.6 ft
Total Length of Core: 0.4 ft
Core Interval: — ft
Samplers Initials: JSH
Date: 7/20/99 Month/Day/Year
Time:* 10:00 Hours: Min
* Military Time

This End Top

Sample ID: C-092-SED-1

Location:

Transect 092

Position 20%

Depth of Water: 3.3 ft

Total Length of Core: 0.50 ft

Core Interval: – ft

Samplers Initials: JFH

Date: 7/19/99 Month/Day/Year

Time:* 17:30 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501p03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-092-SED-3

Location:

Transect 092

Position 60%

Depth of Water: 1.3 ft

Total Length of Core: 0.45 ft

Core Interval: – ft

Samplers Initials: [illegible]

Date: 7/19/99 Month/Day/Year

Time:* 17:45 Hours: Min

* Military Time

01/93 D54-DJH
8450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

092 mi/TH

Transect Number 091

Date 2/19/99 **Time In** 1715 **Time Out** 1815

THUNDERSTORM BETWEEN 090+091

Total Water Width 170'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+34'	0+68'	0+102	0+136'
Water Column	3.3'	1.9	6.3'	1.4'
Sediment Penetrated	0.55'	—	0.53'	—
Sediment Recovered	0.50'	—	0.45'	—
Time	1730	—	1745	—
Sample ID	C-091-SED-1	—	C-091-SED-3	—
	LT GREY BROWN MUCK SAND + SM GRAVEL	NO SAMPLE	ORGANICS-LEAVES + FINE SAND	NO SAMPLE

Station	Total Depth	Depth .2 | .8 | .8	Velocity .2 | .8 | .8	Average Velocity	Flow

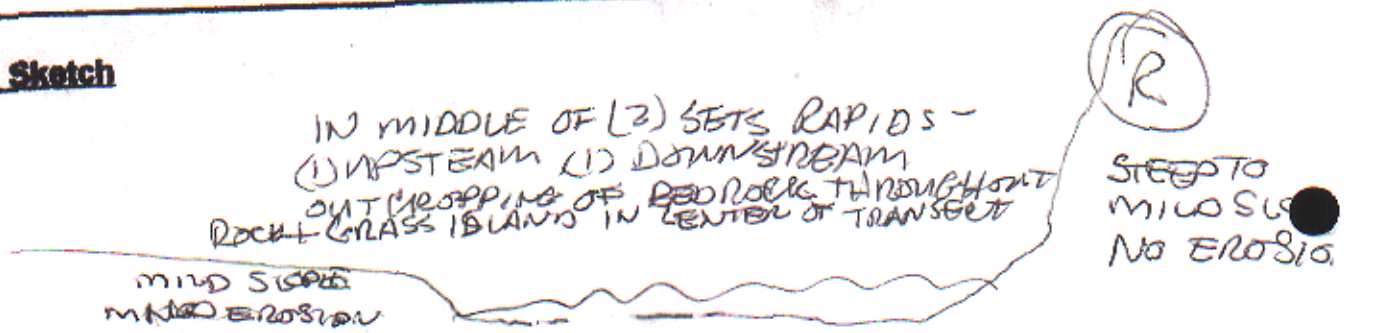
NO VELOCITIES

Notes

40% (3) ATTEMPTS 63', 68', 73' — ROCK + GRAVEL BOTTOM

80% (3) ATTEMPTS 131, 136, 141 — " " "

Bank Sketch

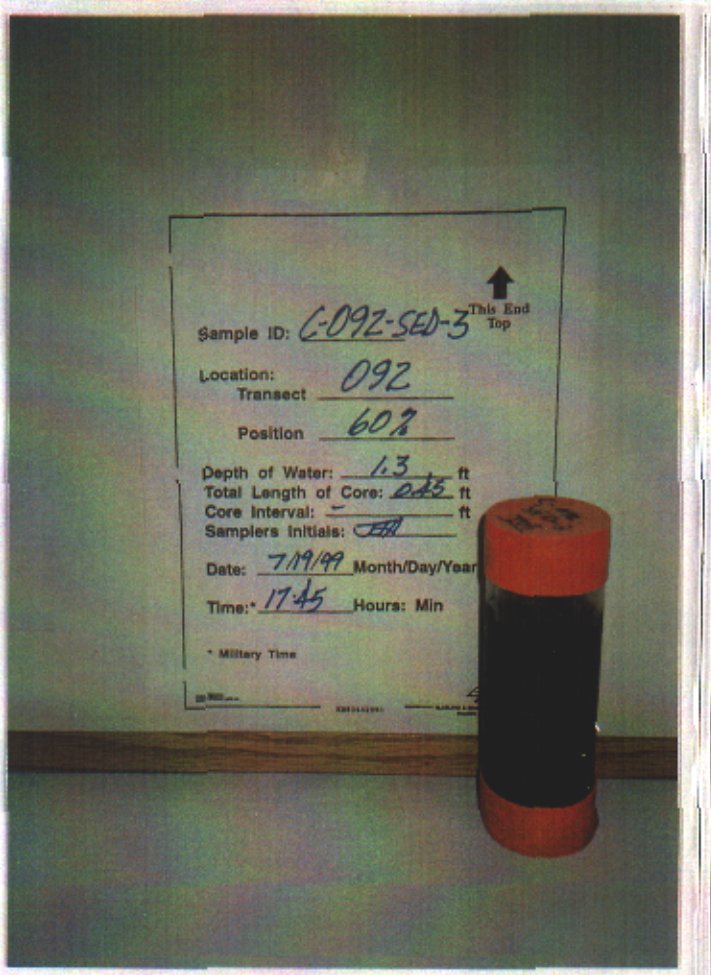



092 LEFT


092 RIGHT


Sample ID: C-092-SED-1
This End Top
Location:
Transect 092
Position 20%
Depth of Water: 3.3 ft
Total Length of Core: 0.50 ft
Core Interval: - ft
Samplers Initials: JEH
Date: 7/19/99 Month/Day/Year
Time:* 17:30 Hours: Min
* Military Time

260


Sample ID: C-092-SED-3
This End Top
Location:
Transect 092
Position 60%
Depth of Water: 1.3 ft
Total Length of Core: 0.45 ft
Core Interval: - ft
Samplers Initials: JEH
Date: 7/19/99 Month/Day/Year
Time:* 17:45 Hours: Min
* Military Time

260

This End Top

Sample ID: C-093-SED-4

Location:

Transect 093

Position 80%

Depth of Water: 1.7 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 11:20 Hours: Min

* Military Time

DMB3 D54-DJH
645011SR/64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 093

Date 7/20/99 **Time In** 1050 **Time Out** 1145

Total Water Width 107'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+21.4'	0+42.8'	0+64.2'	0+85.6'
Water Column	~~2.8'~~ 0.3'	3.6'	1.5'	1.7
Sediment Penetrated	—	—	—	0.5
Sediment Recovered	—	—	—	0.5
Time	—	—	—	1120
Sample ID	—	—	—	C-093-SED
	NO SAMPLE	NO SAMPLE	NO SAMPLE	ID - C SAND + SM GRAV

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

BEDROCK OUTCROPPINGS THROUGHOUT AREA - RAPIDS JUST UPSTREAM + AT TRANSECT

Notes

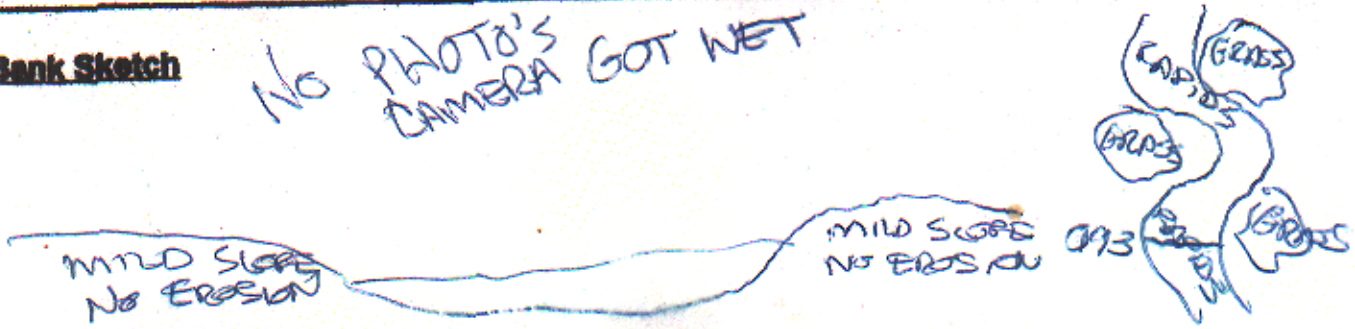
20% (3) ATTEMPTS 16, 21, 26 - LARGE ROCKS @ 16'+21' - ROCK+GRAVEL @ 26'

40% (3) " 38, 43, 48 - ROCK + GRAVEL - BOTTOM

60% (3) " 59, 64, 69 - LOCATION AT OUTCROPPING / RAPIDS

Bank Sketch

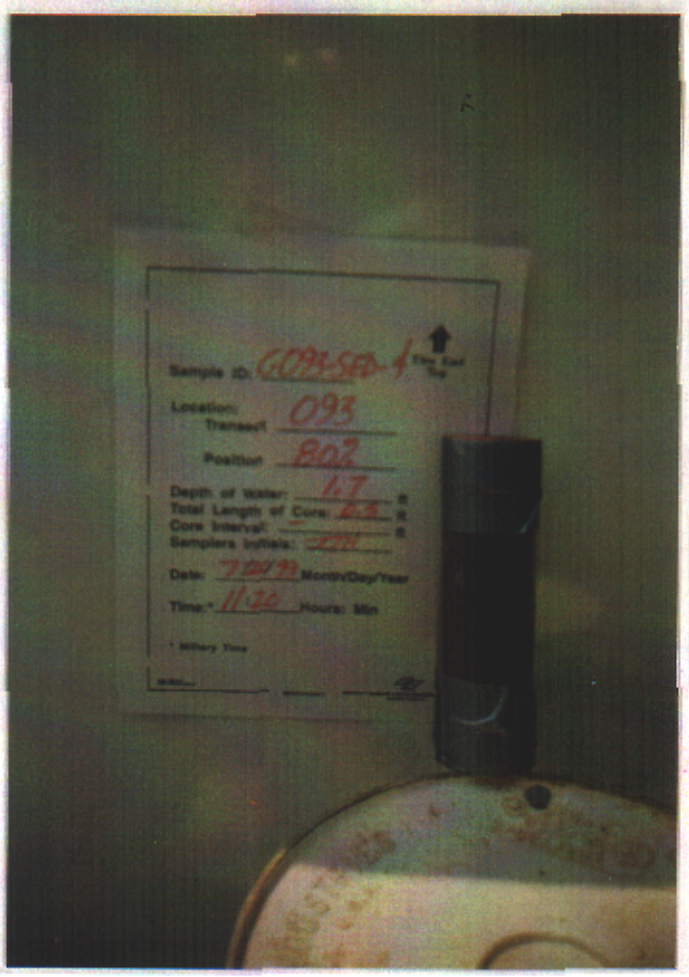
NO PHOTO'S CAMERA GOT WET




093 LEFT



093


Sample ID: G093-SED-4
Location:
Transect 093
Position 802
Depth of Water: 1.7 ft
Total Length of Core: 0.5 ft
Core Interval: — ft
Samplers Initials:
Date: 7/20/99 Month/Day/Year
Time:* 11:20 Hours: Min
* Military Time

093

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 094

Date 7/20/ **Time In** 1200 **Time Out** 1250

Total Water Width 60'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	12	24	36	48
Water Column	1.4	3.7	5.6	6.9
Sediment Penetrated				
Sediment Recovered				
Time				
Sample ID	NO SAMPLE	NO SAMPLE	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VEGETATION

STRAIGHT STRETCH OF CREEK

Notes

AT 20% - 12' shifted to 17' - ROCKS SHIFTED TO 7
AT 40% 24' shifted to 19' - ROCKS shifted to 29
AT 60% 36' shifted to 31 - ROCKS shifted to 41
AT 80% 48' shifted to 53 - ROCKS SHIFTED TO 43

Bank Sketch




014 LEFT
7 23 99


7 23 99

This End Top

Sample ID: C-095-SED-1

Location:

Transect 095

Position 20%

Depth of Water: 3.1 ft

Total Length of Core: 0.75 ft

Core Interval: - ft

Samplers Initials: JH

Date: 7/20/99 Month/Day/Year

Time:* 13:25 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-095-SED-2

Location:

Transect 095

Position 40%

Depth of Water: 3.9 ft

Total Length of Core: 0.6 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 13:30 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/54501g03.cdr

KB53402951

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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 095

Date 7/20/99 **Time In** 1300 **Time Out** 1400

Total Water Width 130'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+26'	0+52'	0+78'	0+104'
Water Column	3.1'	3.9'	3.7'	2.8'
Sediment Penetrated	0.75'	0.6'	—	
Sediment Recovered	0.75'	0.6'	—	
Time	1325	1330		
Sample ID	C-095-SED-1	C-095-SED-2	NO SAMPLE	
	5M GRAVEL TO F-C SAND TO CLAY (BOTTOM @ 2')	F-C SAND TO CLAY (BOTTOM @ 2)		

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

STRAIGHT STREAM OF CREEK

Notes

60% (3) ATTEMPTS 73', 78', 83' ROCK + COBBLE BOTTOM

Bank Sketch

(L)

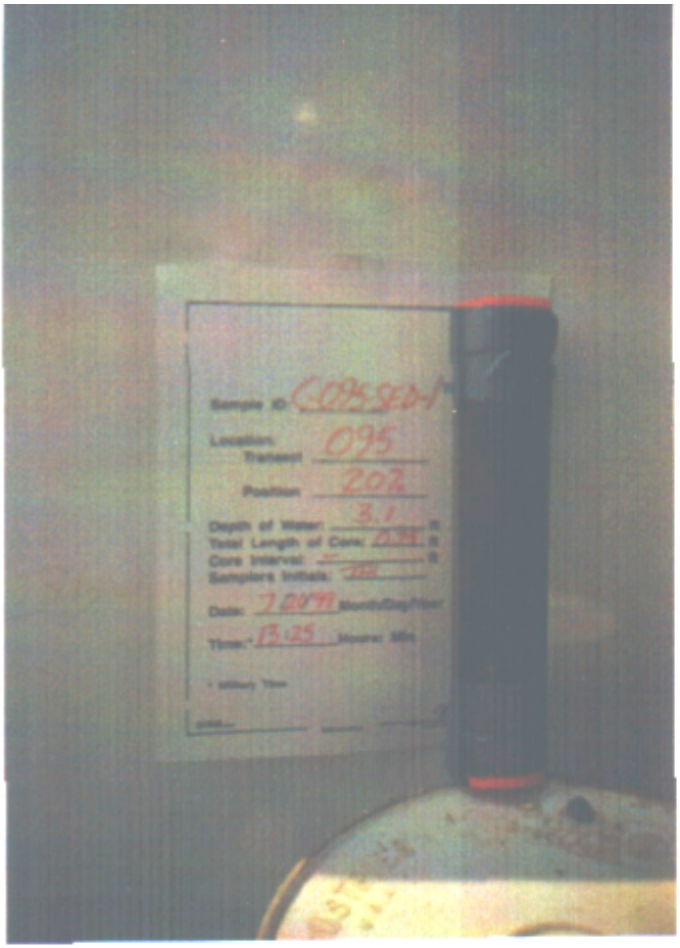
(R)

STEADY MODERATE SLOPE TO TERRACE THEN ANOTHER MODERATE SLOPE NO EROSION

MODERATE SLO TO TERRACE THEN STEEP NO EROSION UNDERCUTTI TREE ROO


85 LEFT


095 RIGHT


Sample ID: C095E0-1
Location:
Transect 095
Position 202
Depth of Water: 3.1 ft
Total Length of Core: 0.36 ft
Core Interval: — ft
Samplers Initials: [illegible]
Date: 7 20 99 Month/Day/Year
Time: 13:25 Hours: Min
* Military Time

J9 S60


Sample ID: C095E0-2
Location:
Transect 095
Position 407
Depth of Water: 3.9 ft
Total Length of Core: 0.3 ft
Core Interval: — ft
Samplers Initials: [illegible]
Date: 7 20 99 Month/Day/Year
Time: 13:50 Hours: Min
* Military Time

S60

This End Top

Sample ID: C-096-SED-1

Location:
Transect 096

Position 20%

Depth of Water: 3.2 ft
Total Length of Core: 0.25 ft
Core Interval: - ft
Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 14:35 Hours: Min

* Military Time

01483 Q64-QJH
645011BN645001g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-096-SED-2

Location:

Transect 096

Position 40%

Depth of Water: 4.4 ft

Total Length of Core: 0.25 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 14:44 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-096-SED-3

Location:

Transect 096

Position 60%

Depth of Water: 4.5 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/20/99 Month/Day/Year

Time:* 14:51 Hours: Min

* Military Time

DMB3 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 096

Date 7/20/99 **Time In** 1425 **Time Out** 1530

Total Water Width 120

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	24 19	~~48~~ 43	~~72~~ 77	96
Water Column	3.3	4.4 ~~4.3 3.8~~	~~5.3~~ 4.5	5.5
Sediment Penetrated	.3	.3	.35	
Sediment Recovered	.25	.25	.3	
Time	1435	1444	1451	
Sample ID	C-096-SED-1 MED TO COARSE SAND	C-096-SED-2 MED to COARSE SAND	C-096-SED-3 MED to COARSE SAND	No Sample

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+20	3.3	1.66 | 1.264	0.541 | 0.44	0.49	32.34
0+40	3.6	.721 | 2.88	0.721 | 0.53	0.625	45.0
0+60	5.0	1.0 | 1 4.0	0.551 | 0.35	0.45	45.0
0+80	5.6	1.121 | 4.48	0.561 | 0.53	0.545	61.04
0+100	5.1	1.021 | 4.08	0.521 | 0.35	0.435	88.74
		| |	| |		
		| |	| |		
		| |	| |	0.509	272.12

Notes

20% - 24' shifted to 19'

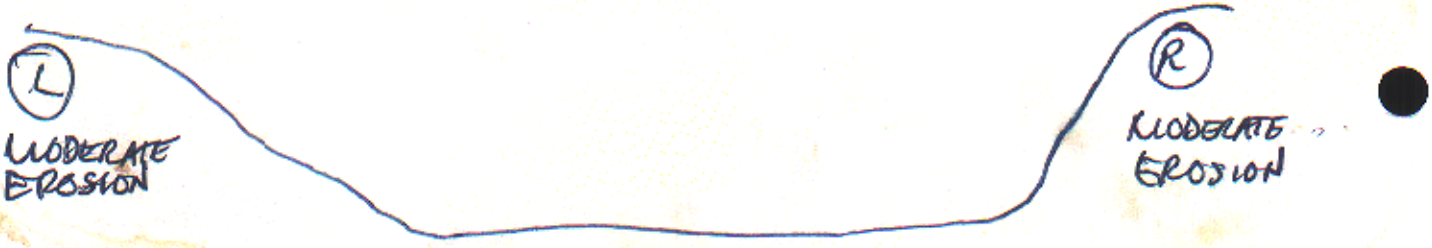
Transect located 50' upstream of Rapid, Elevation dropped approx. 3' at Rapid

40% - 48' shifted to 43' shifted to 53'

60% - 72 - shifted to 67' shifted 77'

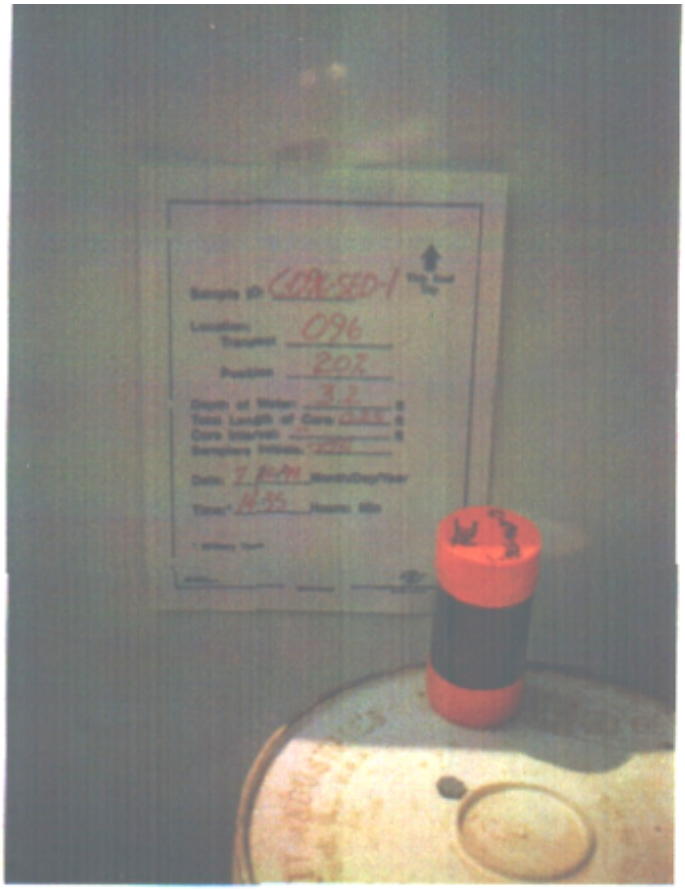
80% - 96 - shifted to 101', shifted to 91

Bank Sketch




096 LEFT
7 26 98


096 RIGHT


Sample ID: C096-SED-1
Location:
Transect 096
Position 20%
Depth of Water: 3.2 ft
Total Length of Core: 0.25 ft
Core Interval: ft
Samplers Initials:
Date: 7/10/99 Month/Day/Year
Time: 14:35 Hours: Min


Sample ID: C096-SED-2
Location:
Transect 096
Position 40%
Depth of Water: 4.4 ft
Total Length of Core: 0.25 ft
Core Interval: ft
Samplers Initials:
Date: 7/10/99 Month/Day/Year
Time: 14:44 Hours: Min


Sample ID: C096-SED-3
Location:
Transect 096
Position 60%
Depth of Water: 4.5 ft
Total Length of Core: 0.5 ft
Core Interval: ft
Samplers Initials:
Date: 7/10/99 Month/Day/Year
Time: 14:51 Hours: Min

960

This End Top

Sample ID: C-097-SED-1

Location:

Transect 097

Position 20%

Depth of Water: 5.5 ft

Total Length of Core: 0.7 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 09:20 Hours: Min

* Military Time

01/93 D64-DJH
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This End Top

Sample ID: C-097-SED-3

Location:

Transect 097

Position 60%

Depth of Water: 5.8 ft

Total Length of Core: 0.65 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 09:30 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

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This End Top

Sample ID: C-097-SED-4

Location:

Transect 097

Position 80%

Depth of Water: 4.5 ft

Total Length of Core: 0.7 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 09 : 40 Hours: Min

* Military Time

01/93 D64-DJH
6450115R/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 097

Date 7/21/99 **Time In** 0900 **Time Out** 1025

Total Water Width 124'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+24.8'	0+49.6'	0+74.4'	~~0+99.2'~~ 105
Water Column	5.5'	7.0'	5.8'	~~4.8'~~ 4.5'
Sediment Penetrated	1.4'	—	0.65'	0.7'
Sediment Recovered	0.7'	—	0.65'	0.7'
Time	0920	—	0930	0940
Sample ID	C-097-SED-1 GREY BROWN SILTY VF SAND W/ORGANICS	— NO SAMPLE	C-097-SED-3 F-L SAND, TR ORGANICS	C-097-SED-4 GREY/BROWN SILT VF SAND W/ORGAN

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

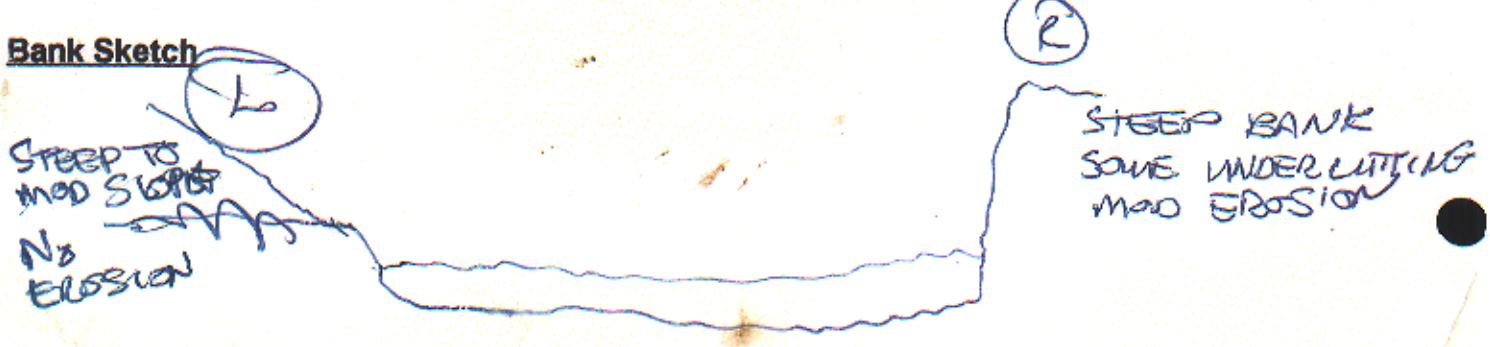
NO VELOCITIES

STRAIGHT STRETCH OF CREEK BELOW RT 399 BRIDGE AND RAPIDS

Notes

20% BEDROCK BOTTOM @ 24.8'
40% APPROX .1' SAND THEN ROCK BOTTOM
60% SAND OVER ROCK BOTTOM - MIGHT HAVE SUCKED SAND INTO SAMPLES
80% ROCK BOTTOM @ 100'+95'

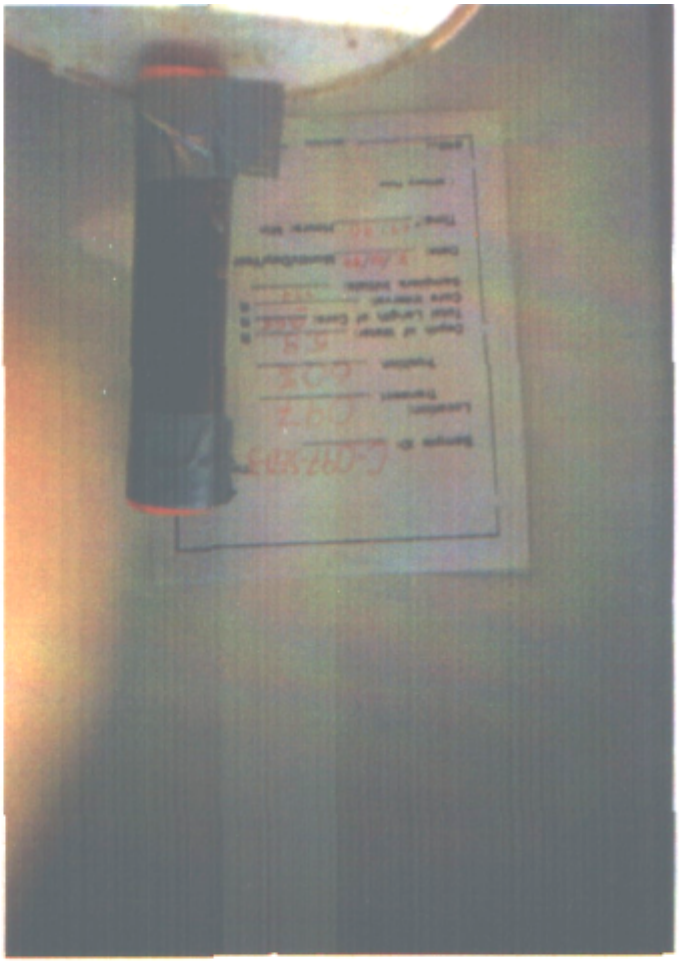
Bank Sketch

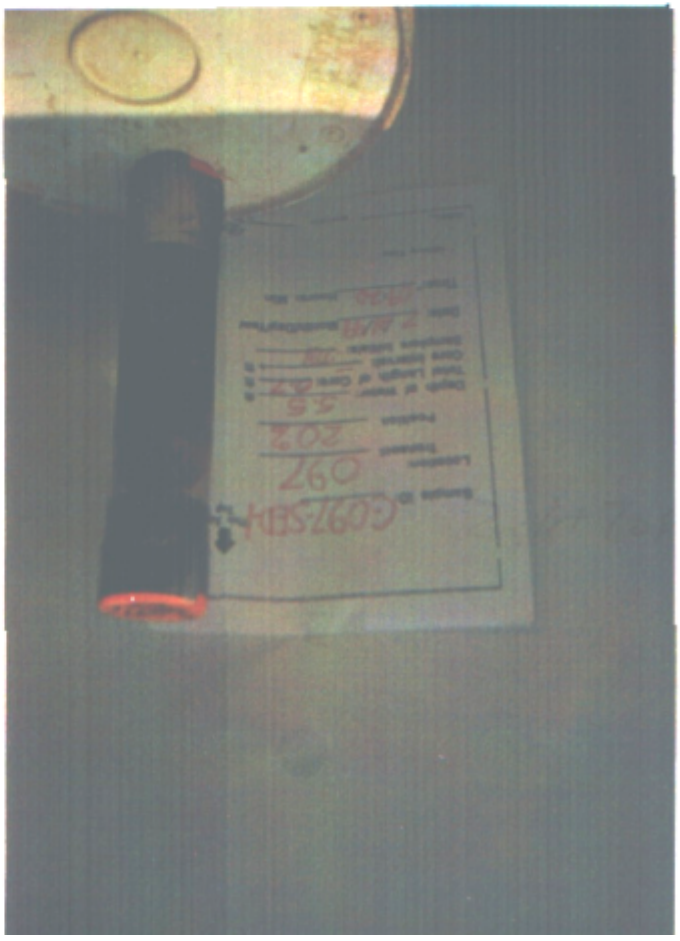



097 LEFT


097 RIGHT







Right Top

047

This End Top

Sample ID: C-098-SED-1

Location:

Transect 098

Position 20%

Depth of Water: 2.8 ft

Total Length of Core: 0.5 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 10:40 Hours: Min

* Military Time

0M83 D54-DJH
645011SR/64501g03.cdr

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-098-SED-2

Location:

Transect 098

Position 40%

Depth of Water: 2.2 ft

Total Length of Core: 0.4 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 10:43 Hours: Min

* Military Time

01/93 DS4-DJH
6450115R/6450103.cdr

KB53402951

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-098-SED-3

Location:

Transect 098

Position 60%

Depth of Water: 2.2 ft

Total Length of Core: 0.2 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 10:47 Hours: Min

* Military Time

01/93 D64-DJH
64501\SR\64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 098

Date 7/21/99 **Time In** 1035 **Time Out** 1120

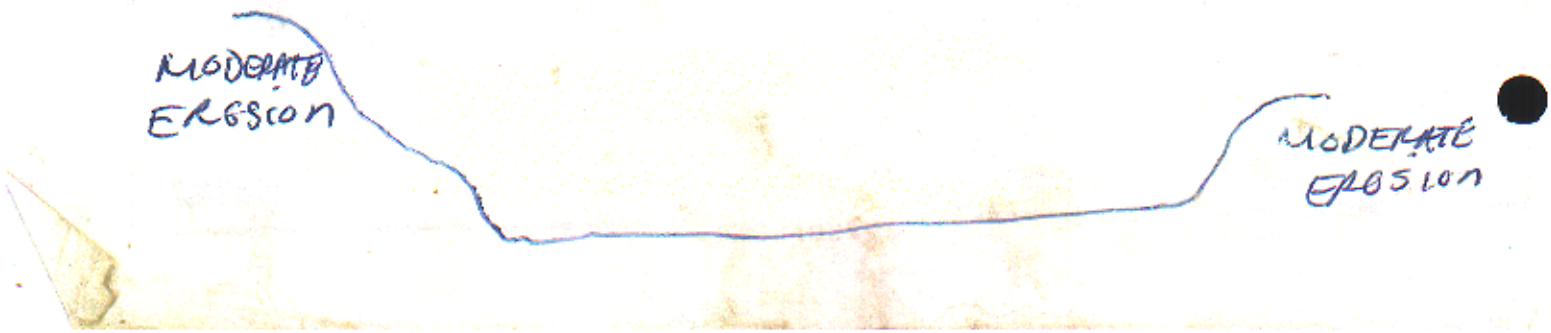
Total Water Width 154

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	30.8	61.6	92.4	123.2
Water Column	2.8	2.2	2.2	2.8
Sediment Penetrated	.5	.4	.2	.25
Sediment Recovered	.5	.4	.2	.2
Time	1040	1043	1047	1051
Sample ID				
	SMALL GRAVEL MED TO COARSE SAND	MED TO COARSE SAND	SMALL TO COARSE SAND	SMALL GRAVEL MED TO COARSE SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
	NO	VELOCITY			

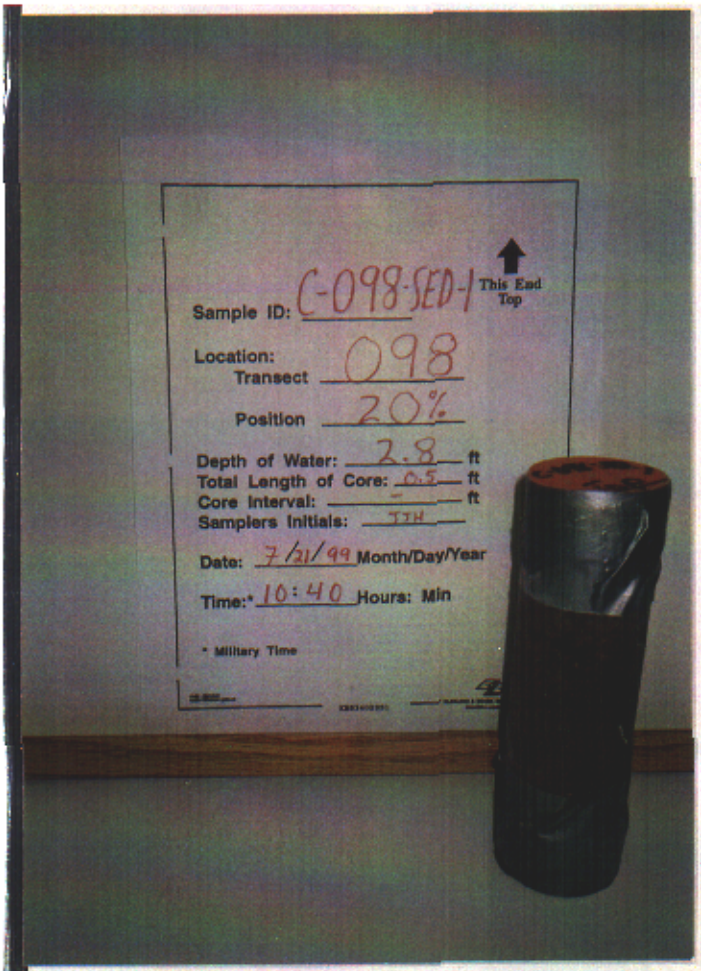
Notes

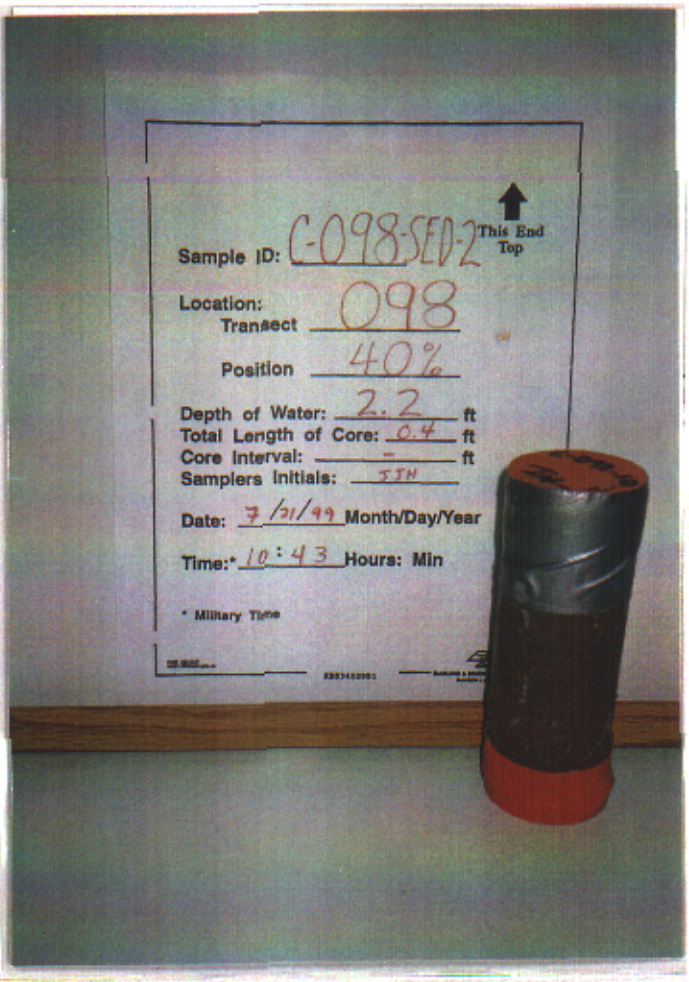
Bank Sketch

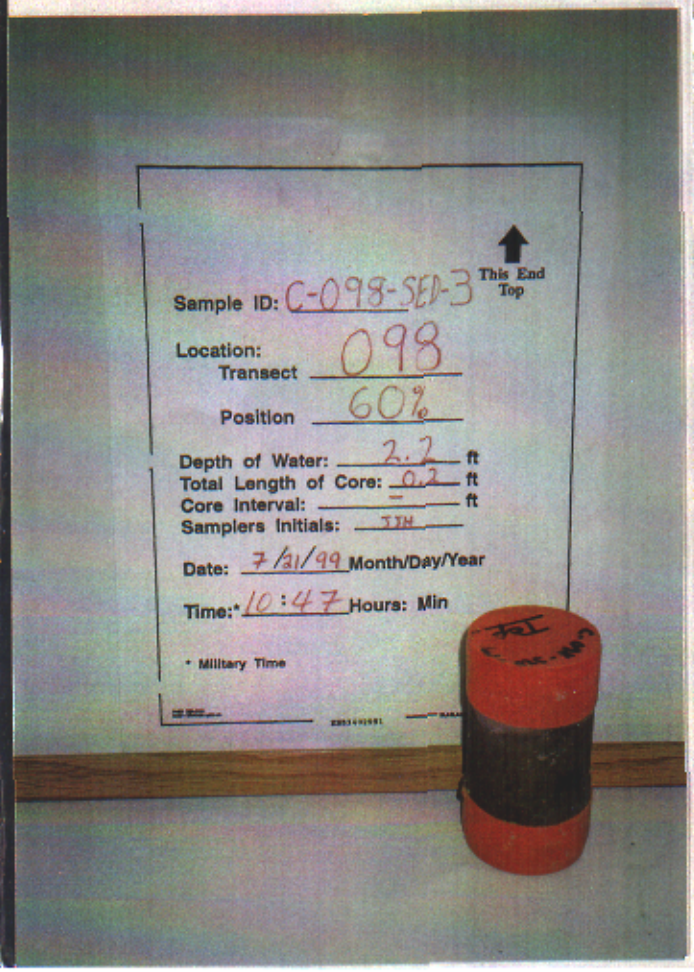


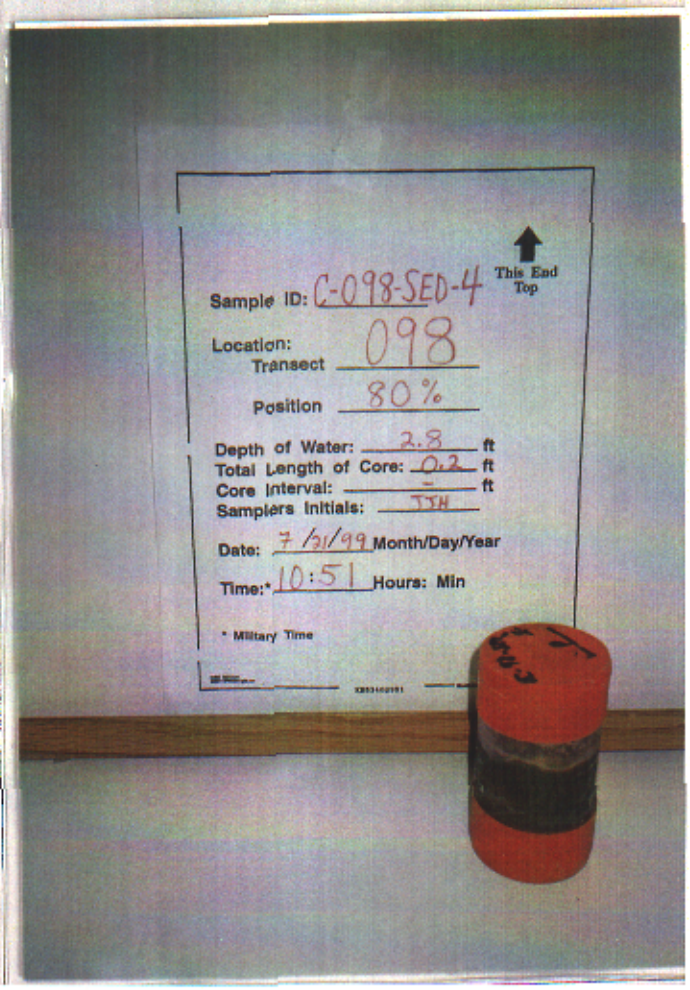

098 LEFT
7 26 '99


098 RIGHT
7 26 '99


Sample ID: C-098-SED-1
This End Top
Location:
Transect 098
Position 20%
Depth of Water: 2.8 ft
Total Length of Core: 0.5 ft
Core Interval: – ft
Samplers Initials: JJH
Date: 7/21/99 Month/Day/Year
Time:* 10:40 Hours: Min
* Military Time


Sample ID: C-098-SED-2
This End Top
Location:
Transect 098
Position 40%
Depth of Water: 2.2 ft
Total Length of Core: 0.4 ft
Core Interval: – ft
Samplers Initials: JJH
Date: 7/21/99 Month/Day/Year
Time:* 10:43 Hours: Min
* Military Time


Sample ID: C-098-SED-3
This End Top
Location:
Transect 098
Position 60%
Depth of Water: 2.2 ft
Total Length of Core: 0.2 ft
Core Interval: – ft
Samplers Initials: JJH
Date: 7/21/99 Month/Day/Year
Time:* 10:47 Hours: Min
* Military Time


Sample ID: C-098-SED-4
This End Top
Location:
Transect 098
Position 80%
Depth of Water: 2.8 ft
Total Length of Core: 0.2 ft
Core Interval: – ft
Samplers Initials: JJH
Date: 7/21/99 Month/Day/Year
Time:* 10:51 Hours: Min
* Military Time

This End Top

Sample ID: C-099-SED1

Location:

Transect 099

Position 20%

Depth of Water: 3.3 ft

Total Length of Core: 0.25 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/2/99 Month/Day/Year

Time:* 11:40 Hours: Min

* Military Time

01683 DS4-DJH
645D11SM64601g03.cdr

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This End Top

Sample ID: C-099-SED-2

Location:

Transect 099

Position 40%

Depth of Water: 3.5 ft

Total Length of Core: 0.15 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 11:45 Hours: Min

* Military Time

01/93 D64-DJH
645011SR/64501g03.cdr

KB53402951

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-099-SED-3

Location:

Transect 099

Position 60%

Depth of Water: 3.5 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: JJN

Date: 7/21/99 Month/Day/Year

Time:* 11:50 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-099-SED-4

Location:

Transect 099

Position 80%

Depth of Water: 3.3 ft

Total Length of Core: 0.25 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 11:55 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 099

Date 7/21/99 **Time In** 1120 **Time Out** 1215

Total Water Width 135'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0.27'	0754'	0781'	07108' 113'
Water Column	3.3'	3.5	3.5'	3.3
Sediment Penetrated	0.4'	0.3'	0.25'	0.45'
Sediment Recovered	0.25	0.15'	0.25'	0.25'
Time	1140	1145	1150	1155
Sample ID	G-099-SED-1 F-M SAND	G099SED-2 M GRAVEL+ M-C SAND	G099SED-3 M-C SAND, TRIG, TR SM GRAVEL	G-099-SED-4 M-L GRAVEL, SHELLS, M-C SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

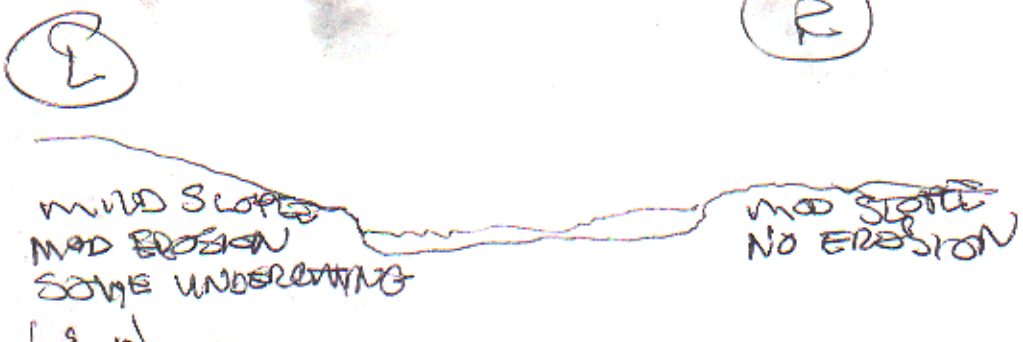
NO VELOCITIES

STRAIGHT STRETCH OF CREEK

Notes

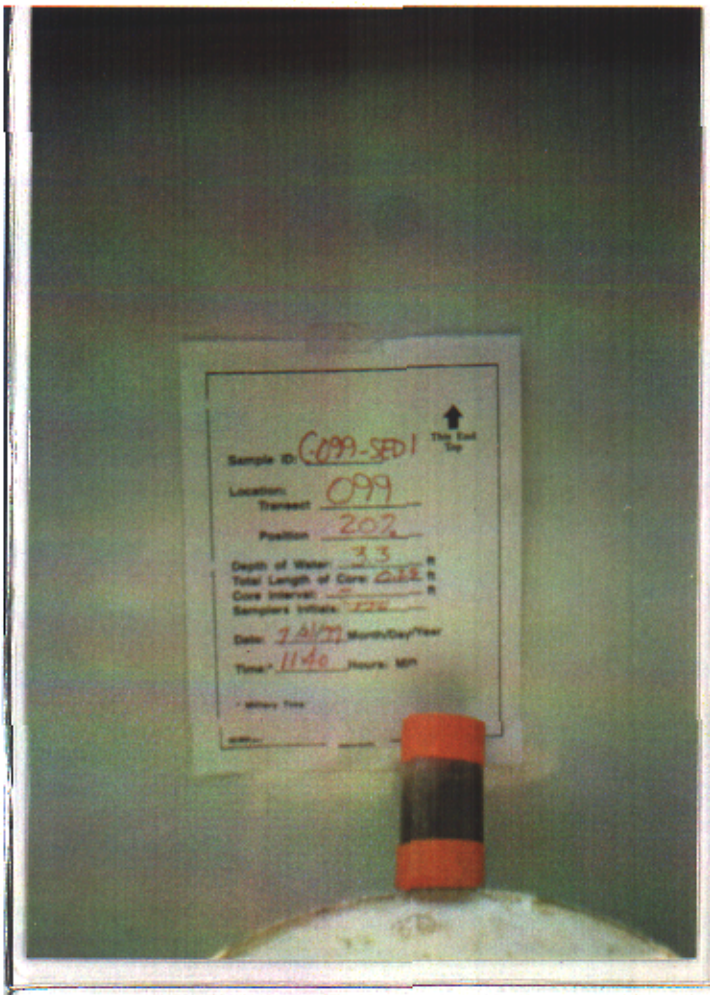
10% ROCKS @ 27'
80% ROCKS @ 108'

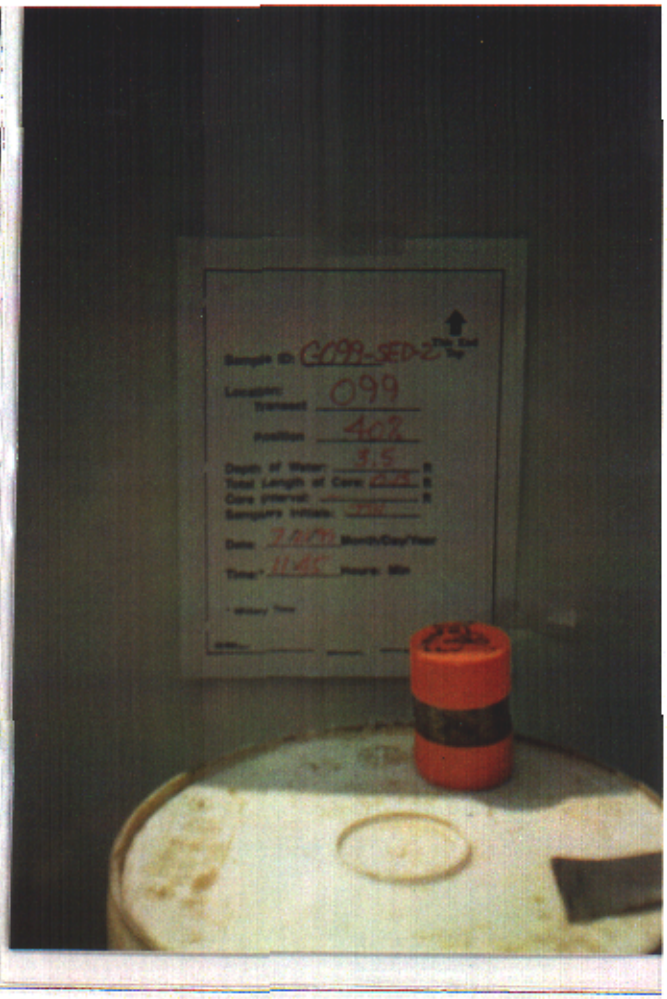
Bank Sketch



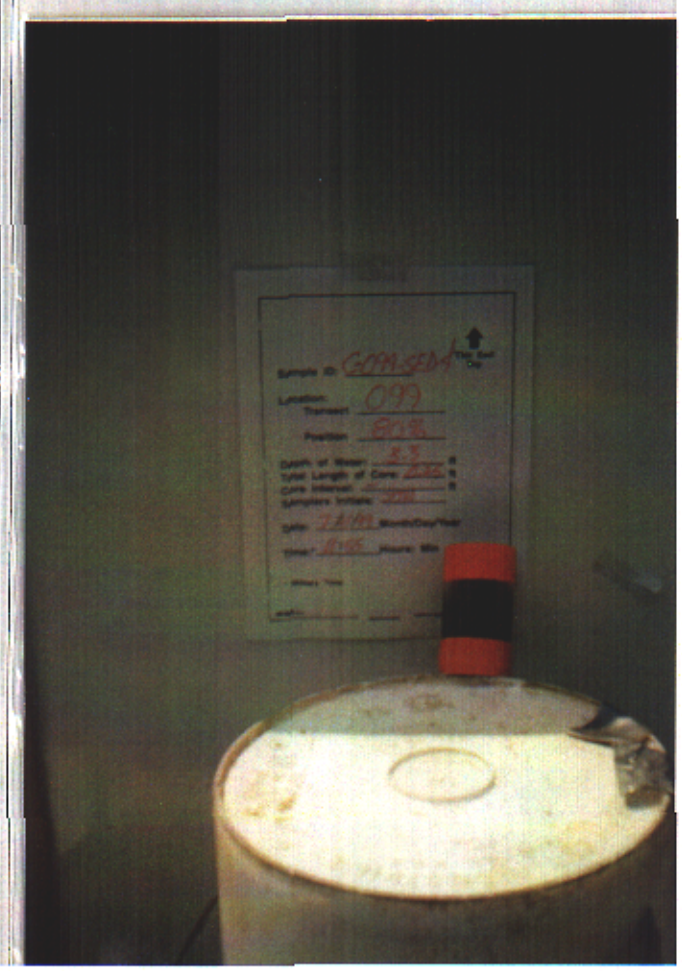

099 LEFT
7 26 99


099 RIGHT


Sample ID: G099-SED1
This End Top
Location:
Transect 099
Position 20%
Depth of Water 3.3 ft
Total Length of Core 0.25 ft
Core Interval - ft
Samplers Initials
Date 7/21/99 Month/Day/Year
Time* 1140 Hours: Min
* Military Time


Sample ID: G099-SED-2
This End Top
Location:
Transect 099
Position 40%
Depth of Water 3.5 ft
Total Length of Core 0.25 ft
Core Interval ft
Samplers Initials
Date 7/21/99 Month/Day/Year
Time* 1145 Hours: Min
* Military Time


Sample ID: G099-SED-3
This End Top
Location:
Transect 099
Position 60%
Depth of Water 3.8 ft
Total Length of Core 0.25 ft
Core Interval ft
Samplers Initials
Date 7/21/99 Month/Day/Year
Time* 1150 Hours: Min
* Military Time


Sample ID: G099-SED-4
This End Top
Location:
Transect 099
Position 80%
Depth of Water 3.3 ft
Total Length of Core 0.25 ft
Core Interval ft
Samplers Initials
Date 7/21/99 Month/Day/Year
Time* 1155 Hours: Min
* Military Time

This End Top

Sample ID: C-100-SED-1

Location:

Transect 100

Position 20%

Depth of Water: 2.1 ft

Total Length of Core: 0.85 ft

Core Interval: — ft

Samplers Initials: JTH

Date: 7/21/99 Month/Day/Year

Time:* 12:37 Hours: Min

* Military Time

01/93 D54-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-100-SED-4

Location:

Transect 100

Position 80%

Depth of Water: 2.8 ft

Total Length of Core: 0.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 12:48 Hours: Min

* Military Time

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845011SPM54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 100

Date 7/21/99 **Time In** 1230 **Time Out** 1330

Total Water Width 70'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~14'~~ 19	28'	42'	56
Water Column	~~1.02~~ 1.0	3.3	3.3	2.8
Sediment Penetrated	1.2			.2
Sediment Recovered	.85			.2
Time	1237			1248
Sample ID				
	MED to COARSE SAND some silt small cobble stone	NO SAMPLE	NO SAMPLE	MED TO COARSE SAND

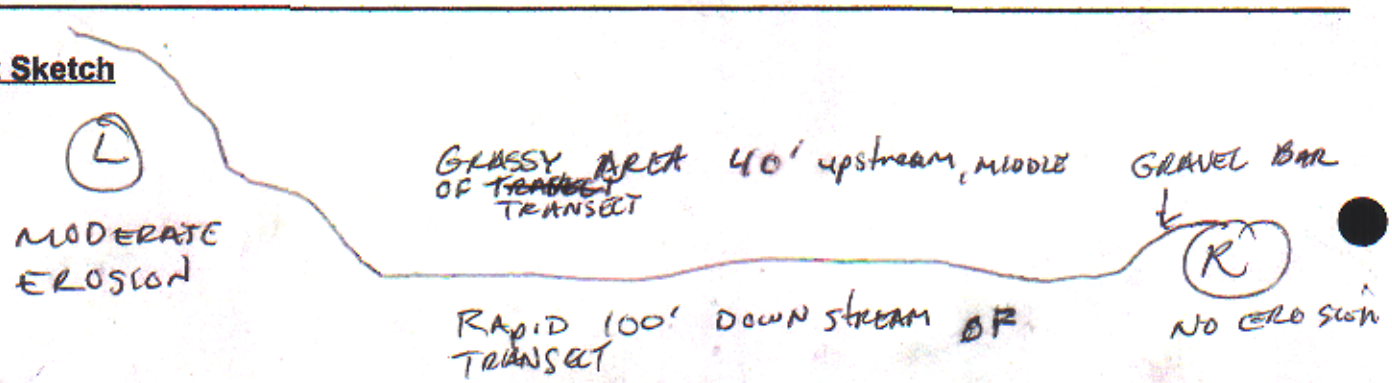
Station	Total Depth	Depth .2	Depth .6	Depth .8	Velocity .2	Velocity .6	Velocity .8	Average Velocity	Flow
0+10	.9		.54			1.04		1.04	9.36
0+20	1.8	.36		1.44	2.39		0.32	1.36	24.48
0+30	3.2	.64		2.56	1.94		1.43	1.69	54.08
0+40	3.1	.62		2.48	0.56		0.56	0.56	17.36
0+50	2.5	.50		2.00	0.96		0.87	0.92	23.00
0+60	2.7	.54		2.16	1.15		0.84	1.00	54.00
								1.10	182.28

TRIBUTARY ON LEFT SIDE OF CREEK APPROX 30' UPSTREAM
CUT OFF OF "U" ON RIGHT SIDE OF CREEK APPROX 50' UPSTREAM

Notes

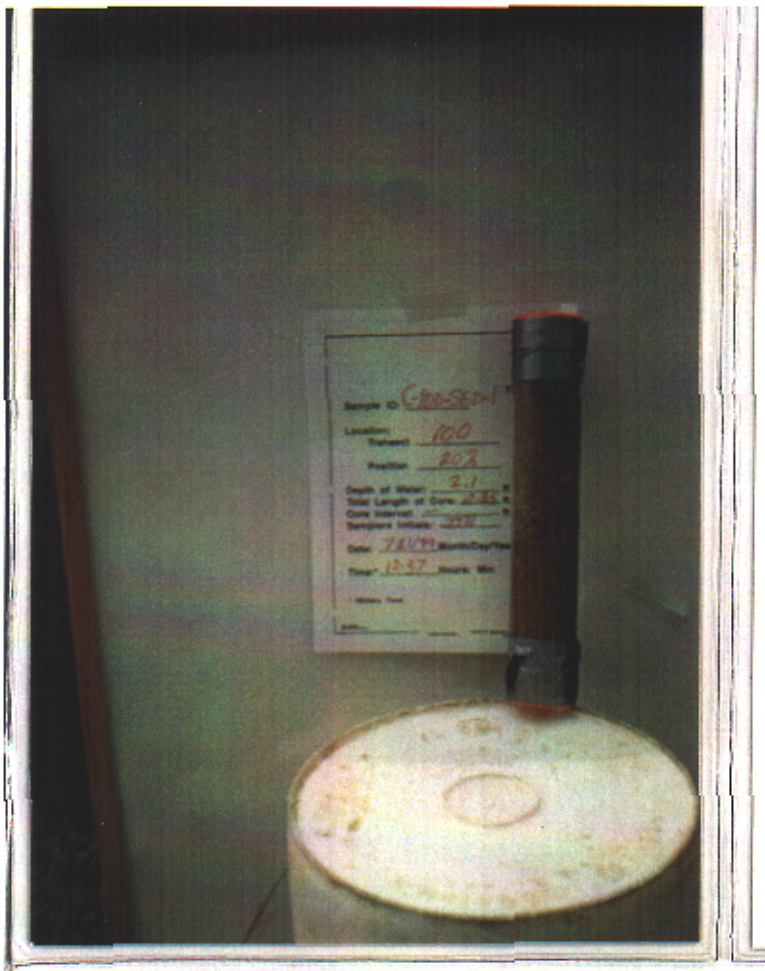
20% - 14' shift to 19'
40% - 28' shift to 23, shift to 31'
60% - ROCK BOTTOM

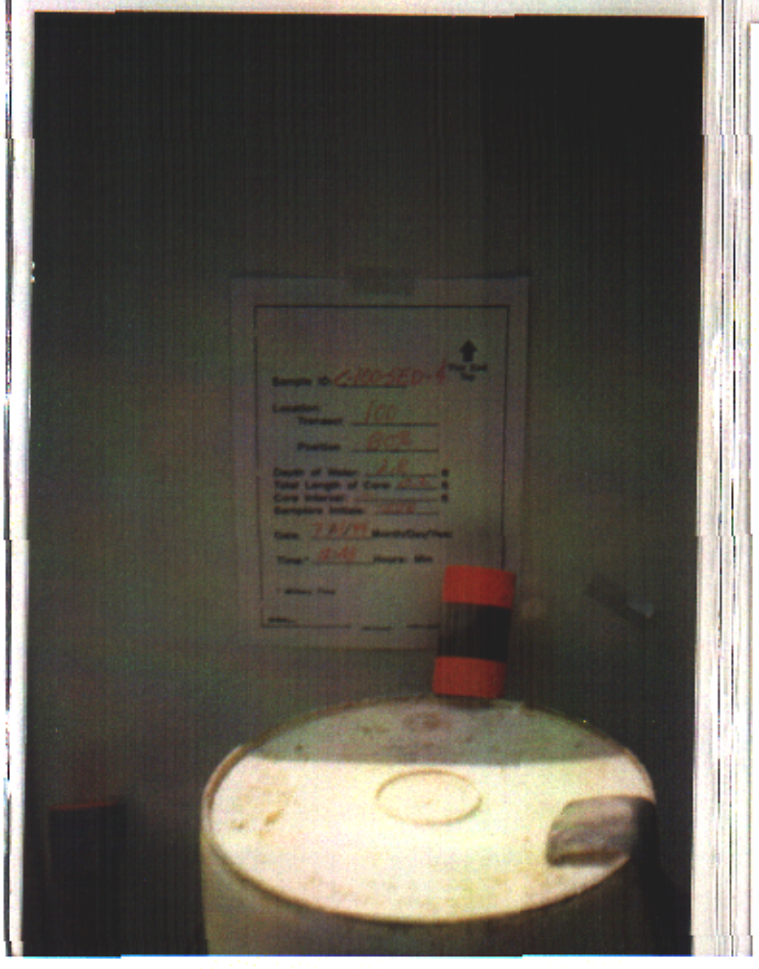
Bank Sketch




100-LEFT
7/6/99


100-RIGHT


Sample ID: C-100-SED-1
Location:
Transect: 100
Position: 20%
Depth of Water: 2.1 ft
Total Length of Core: 2.85 ft
Core Interval: ft
Samplers Initials:
Date: 7/21/99 Month/Day/Year
Time: 12:37 Hours: Min


Sample ID: C-100-SED-6
Location:
Transect: 100
Position: 80%
Depth of Water: 2.8 ft
Total Length of Core: 2.5 ft
Core Interval: ft
Samplers Initials:
Date: 7/21/99 Month/Day/Year
Time: 12:48 Hours: Min

This End Top

Sample ID: C-101-SED-1

Location:

Transect 101

Position 20%

Depth of Water: 1.0 ft

Total Length of Core: 0.55 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 13:50 Hours: Min

* Military Time

01/93 D54-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-101-SED-2

Location:

Transect 101

Position 40%

Depth of Water: 1.4 ft

Total Length of Core: 0.55 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 13:55 Hours: Min

* Military Time

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This End Top

Sample ID: C-101-SED-3

Location:
Transect 101

Position 60%

Depth of Water: 2.6 ft
Total Length of Core: 0.5 ft
Core Interval: — ft
Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 14:05 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-101-SED-4

Location:

Transect 101

Position 80%

Depth of Water: 1.3 ft

Total Length of Core: 0.6 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 14:10 Hours: Min

* Military Time

01/93 D64-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 101

Date 7/2/99 **Time In** 1340 **Time Out** 1457

Total Water Width 95'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				
Sample Width	0+19'	0+38'	0+57'	0+76'
Water Column	1.0'	1.4'	2.6'	1.3'
Sediment Penetrated	0.55	0.65	0.5'	0.9'
Sediment Recovered	0.55	0.55	0.5'	0.6'
Time	1350	1355	1405	1410
Sample ID	C-101-SED-1 BROWN SILT, TR VF SAND W/ORGANICS	C-101-SED-2 BROWN F-M SAND, TR SILT	C-101-SED-3 BROWN F-M SAND, TR SILT	C-101-SED-4 BROWN F-M SAND, TR SILT, TR ORGANICS

Station	Total Depth	Depth .2 .6 .8	Velocity .2 .6 .8	Average Velocity	Flow

VELOCITIES

Notes

Bank Sketch

200' ISLAND ON LEFT SIDE OF CREEK

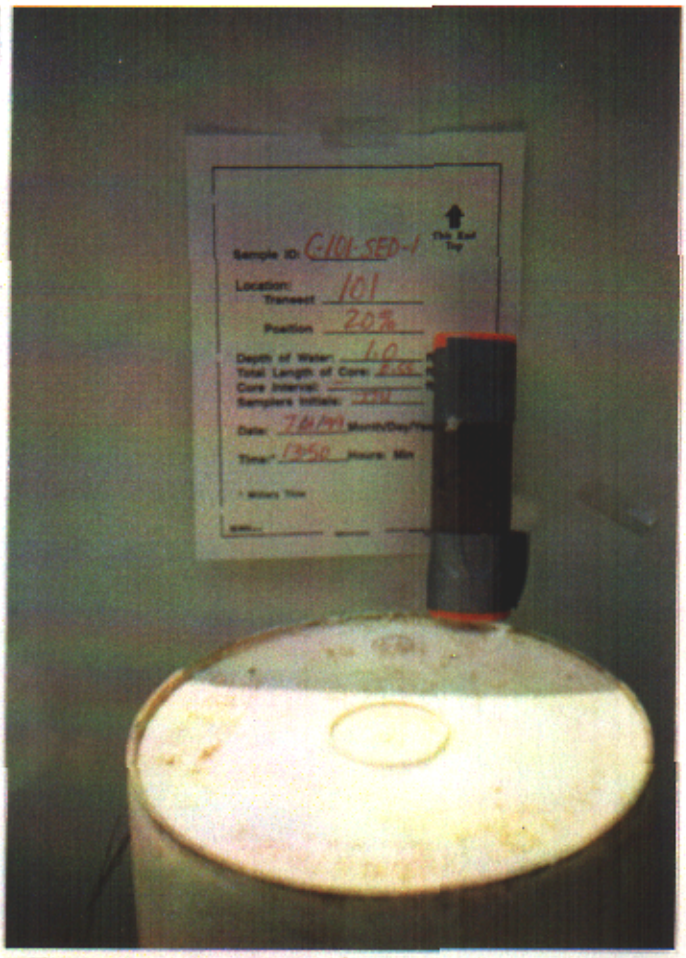
L

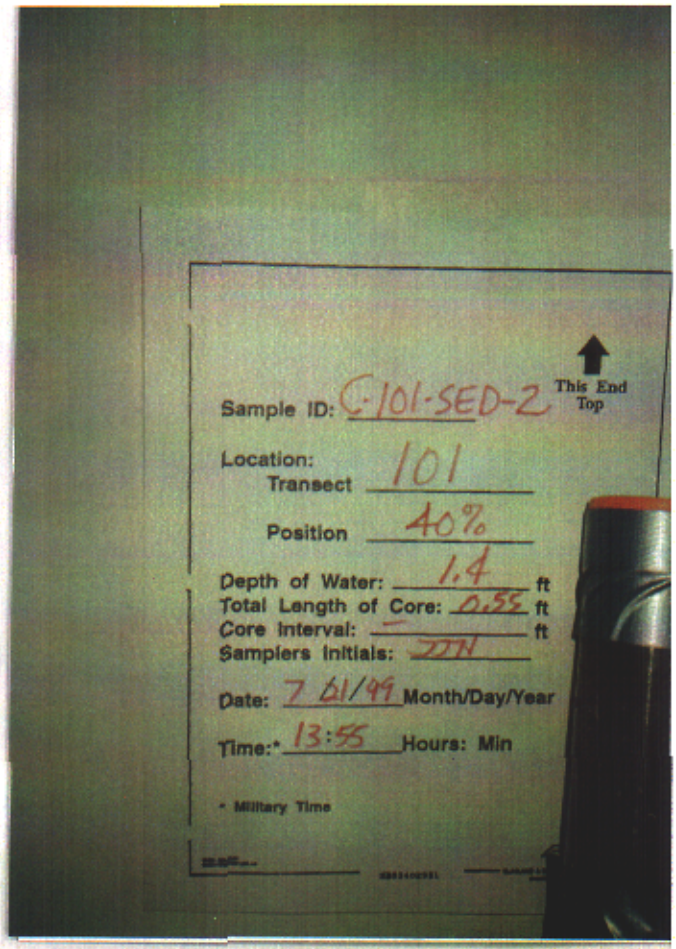
R

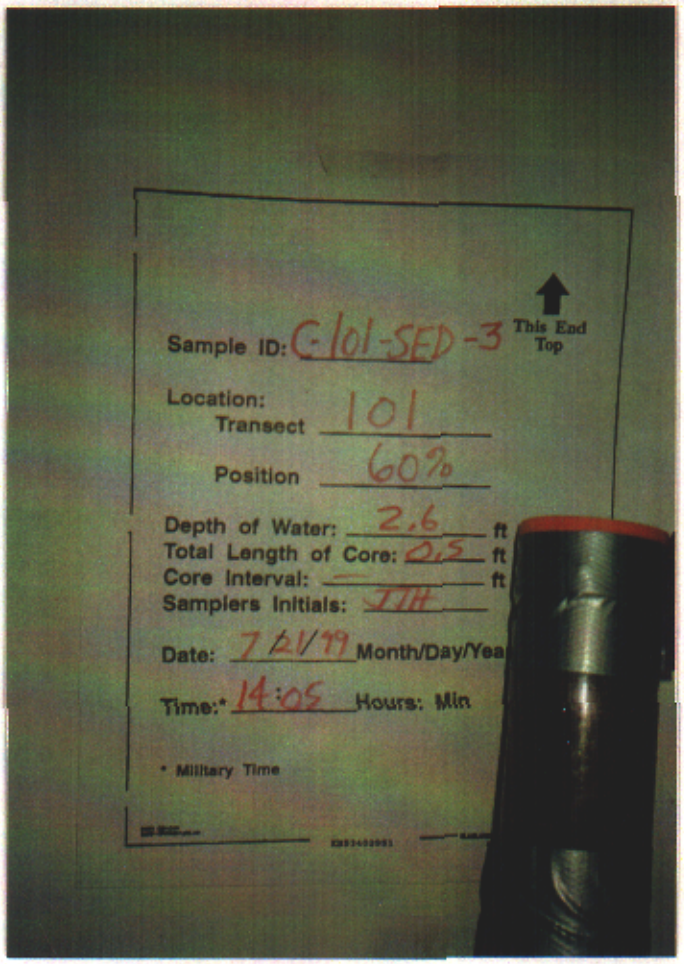


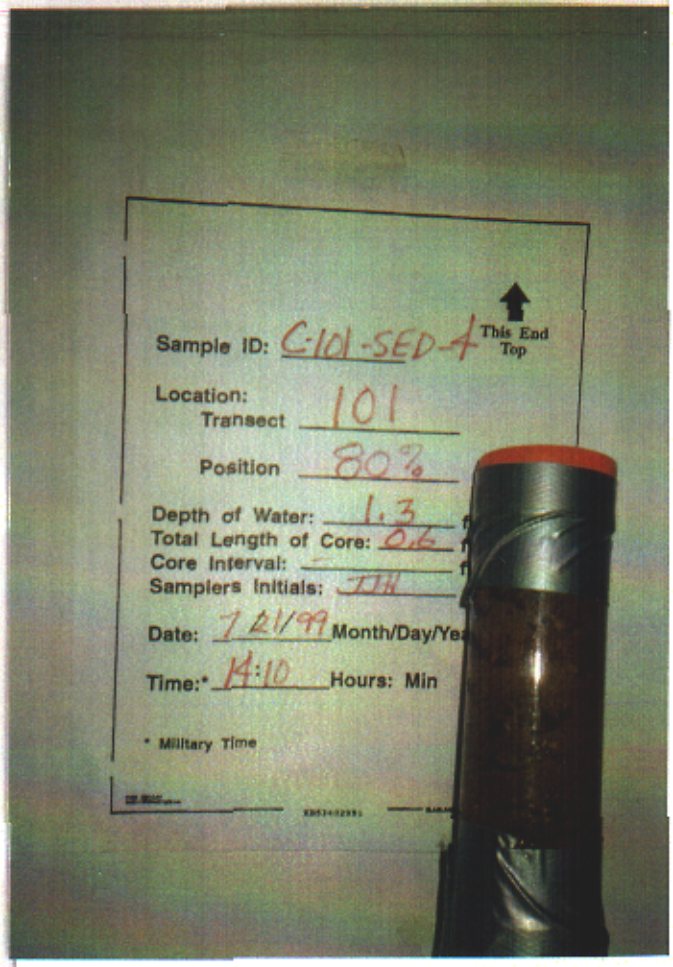

101-LEFT
12'99


12'99


Sample ID: C-101-SED-1
This End Top
Location:
Transect 101
Position 20%
Depth of Water: 1.0
Total Length of Core: 0.55
Core Interval:
Samplers Initials: JTH
Date: 7/6/99 Month/Day/Year
Time:* 1350 Hours: Min
* Military Time


Sample ID: C-101-SED-2
This End Top
Location:
Transect 101
Position 40%
Depth of Water: 1.4 ft
Total Length of Core: 0.55 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/6/99 Month/Day/Year
Time:* 13:55 Hours: Min
* Military Time


Sample ID: C-101-SED-3
This End Top
Location:
Transect 101
Position 60%
Depth of Water: 2.6 ft
Total Length of Core: 0.5 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/6/99 Month/Day/Yea
Time:* 14:05 Hours: Min
* Military Time


Sample ID: C-101-SED-4
This End Top
Location:
Transect 101
Position 80%
Depth of Water: 1.3
Total Length of Core: 0.6
Core Interval: —
Samplers Initials: JTH
Date: 7/6/99 Month/Day/Yea
Time:* 14:10 Hours: Min
* Military Time

This End Top

Sample ID: C-102-SED-1

Location:

Transect 102

Position 20%

Depth of Water: 3.0 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 15:22 Hours: Min

* Military Time

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-102-SED-2

Location:

Transect 102

Position 40%

Depth of Water: 2.9 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 15:25 Hours: Min

* Military Time

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This End Top

Sample ID: C-102-SED-3

Location:

Transect 102

Position 60%

Depth of Water: 1.6 ft

Total Length of Core: 1.35 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 15:30 Hours: Min

* Military Time

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This End Top

Sample ID: C-102-SED-4

Location:

Transect 102

Position 80%

Depth of Water: 1.1 ft

Total Length of Core: 1.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/21/99 Month/Day/Year

Time:* 15:45 Hours: Min

* Military Time

01/93 D54-DJH
5450115R/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 102

Date 2/21/99 **Time In** 1500 **Time Out** 1606

Total Water Width 90

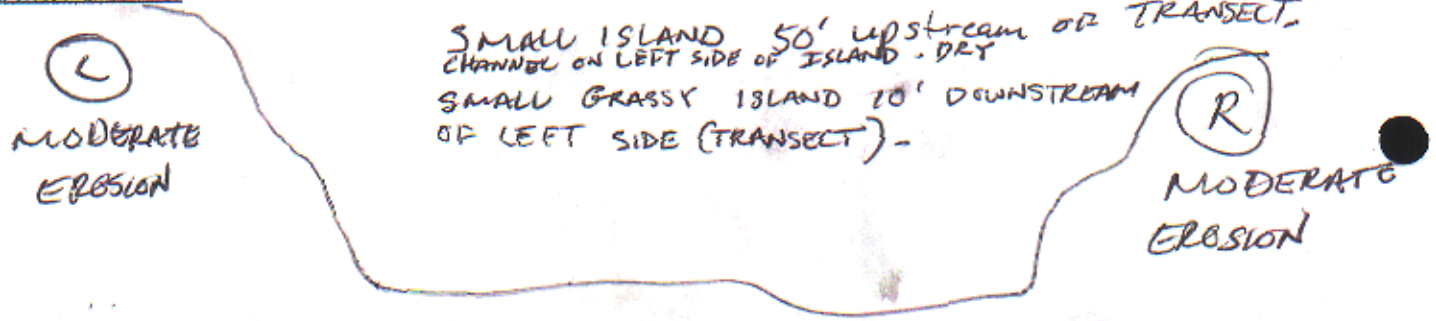
Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	18	36	54	72
Water Column	3.0	2.9	1.6	1.1
Sediment Penetrated	.5	.5	1.5	1.15
Sediment Recovered	.3	.5	1.35	1.2
Time	1522	1535	1530	1545
Sample ID	MED TO COARSE SAND	MED TO COARSE SAND	SILT, FINE to MED SAND, ORGANICS	~~1545~~ SILT, FINE TO MED SAND, ORGA

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITY			

Notes

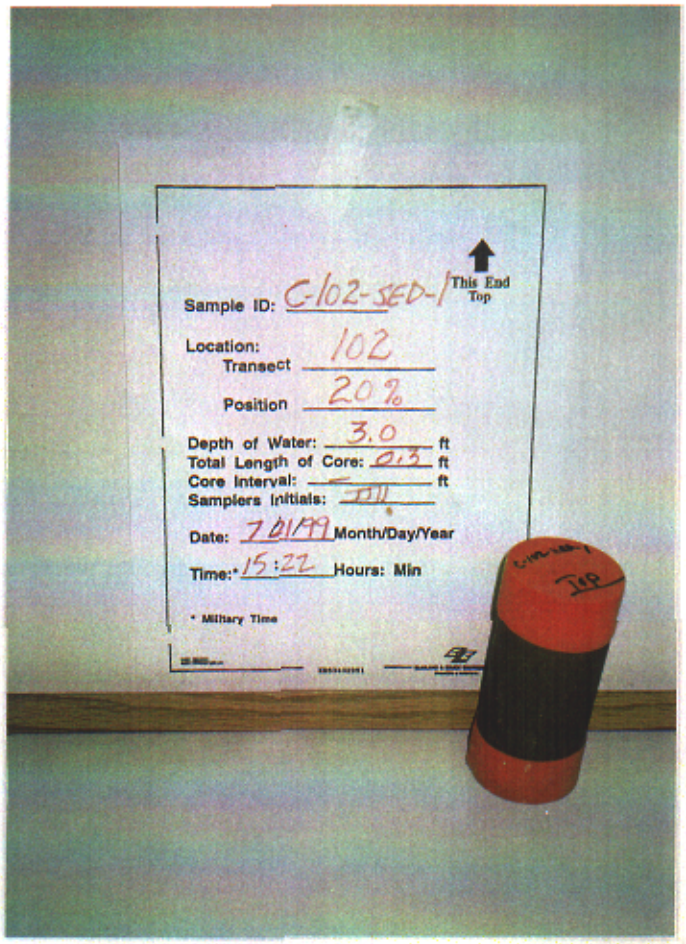
20% 18 shift to 15, shift to 19'

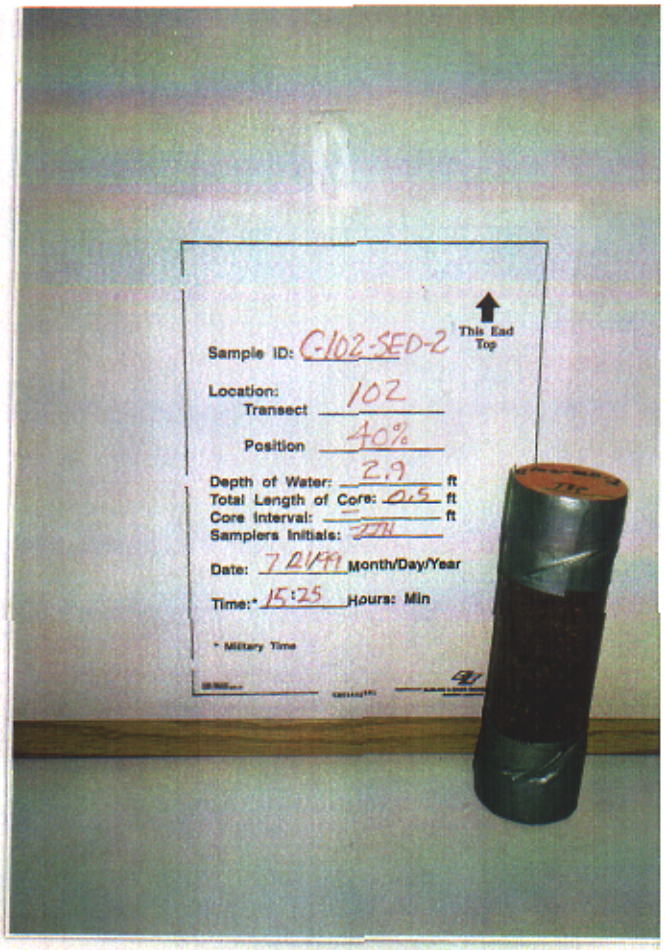
Bank Sketch

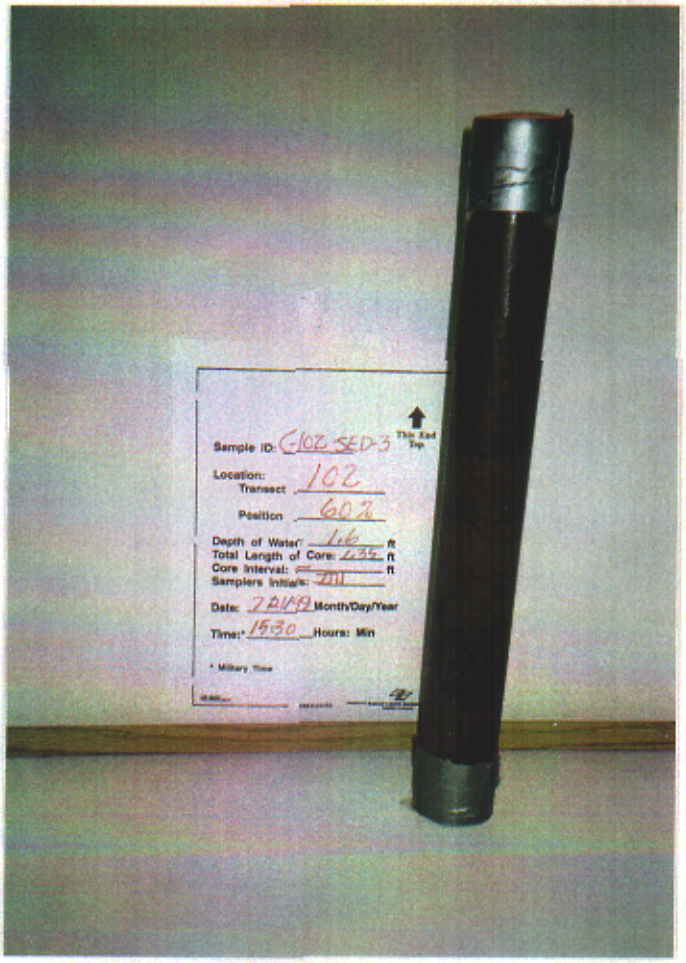


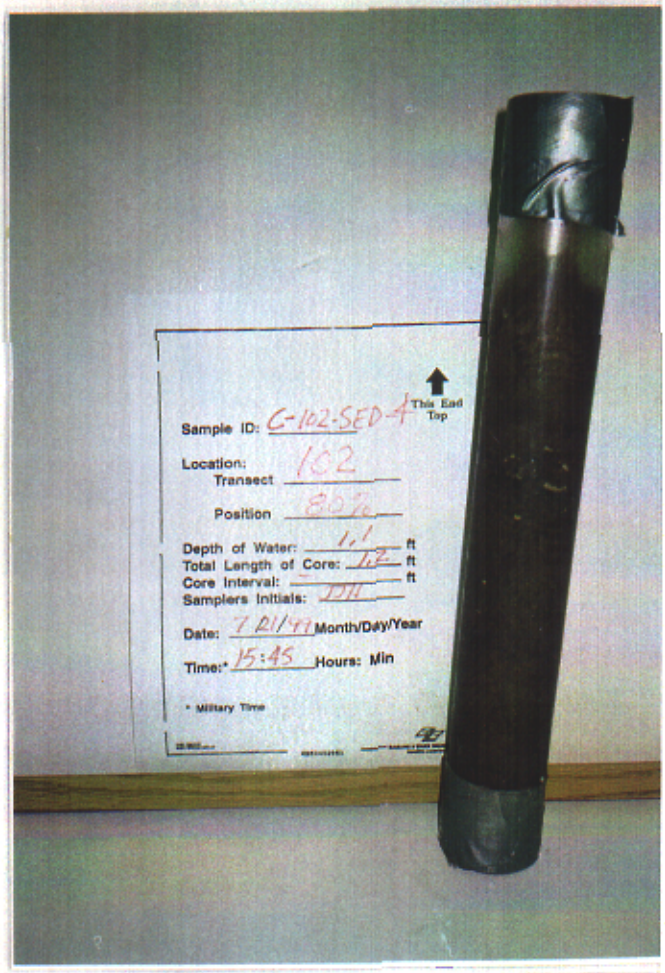

102. LEFT
12'99


12'99


Sample ID: C-102-SED-1
This End Top
Location:
Transect 102
Position 20%
Depth of Water: 3.0 ft
Total Length of Core: 0.3 ft
Core Interval: ft
Samplers Initials: JH
Date: 7/21/99 Month/Day/Year
Time:* 15:22 Hours: Min
* Military Time
Top


Sample ID: C-102-SED-2
This End Top
Location:
Transect 102
Position 40%
Depth of Water: 2.9 ft
Total Length of Core: 0.5 ft
Core Interval: ft
Samplers Initials: JH
Date: 7/21/99 Month/Day/Year
Time:* 15:25 Hours: Min
* Military Time


Sample ID: C-102-SED-3
This End Top
Location:
Transect 102
Position 60%
Depth of Water: 1.6 ft
Total Length of Core: 0.35 ft
Core Interval: ft
Samplers Initials: JH
Date: 7/21/99 Month/Day/Year
Time:* 1530 Hours: Min
* Military Time


Sample ID: C-102-SED-4
This End Top
Location:
Transect 102
Position 80%
Depth of Water: 1.1 ft
Total Length of Core: 1.2 ft
Core Interval: ft
Samplers Initials: JH
Date: 7/21/99 Month/Day/Year
Time:* 15:45 Hours: Min
* Military Time

This End Top

Sample ID: C-103-SED-1

Location:
Transect 103

Position 20?

Depth of Water: 2.1 ft
Total Length of Core: 0.5 ft
Core Interval: - ft
Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 09:00 Hours: Min

* Military Time

01483 DS4-OJH
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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-103-SED-3

Location:

Transect 103

Position 60%

Depth of Water: 2.5 ft

Total Length of Core: 0.15 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 09:15 Hours: Min

* Military Time

01/93 D54-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: G-103-SED-4

Location:

Transect 103

Position 80%

Depth of Water: 2.2 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: JTH

Date: 7/22/99 Month/Day/Year

Time:* 09:20 Hours: Min

* Military Time

01483 D64-OJH
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KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 103

Date 2/22/99 **Time In** 0850 **Time Out** 0945

Total Water Width 90'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station			5.6 59'	5.25
Sample Width	~~0+18~~ 13'	0+36'	~~0+59~~ 49'	0+72'
Water Column	2.1'	2.8'	2.5'	2.2
Sediment Penetrated	0.5'	—	0.15'	0.3'
Sediment Recovered	0.5'	—	0.15	0.2'
Time	0900	—	0915	0920
Sample ID	C-103-~~SED~~-1 FINE SAND AND SM-MED GRAVEL	— NO SAMPLE	C-103-SED-3 FINE SAND ROCK BOTTOM UNDERNEATH	C-~~103~~-SED-4 FINE SAND + SM GRAVEL TR SILT

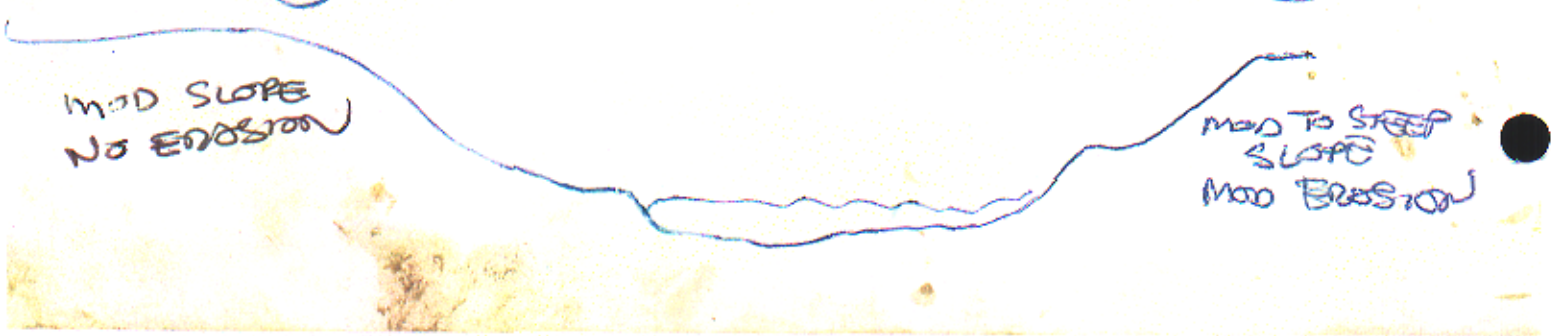
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

STRAIGHT STRETCH OF CREEK AFTER BEND
JUST ABOVE SMALL RAPIDS

Notes

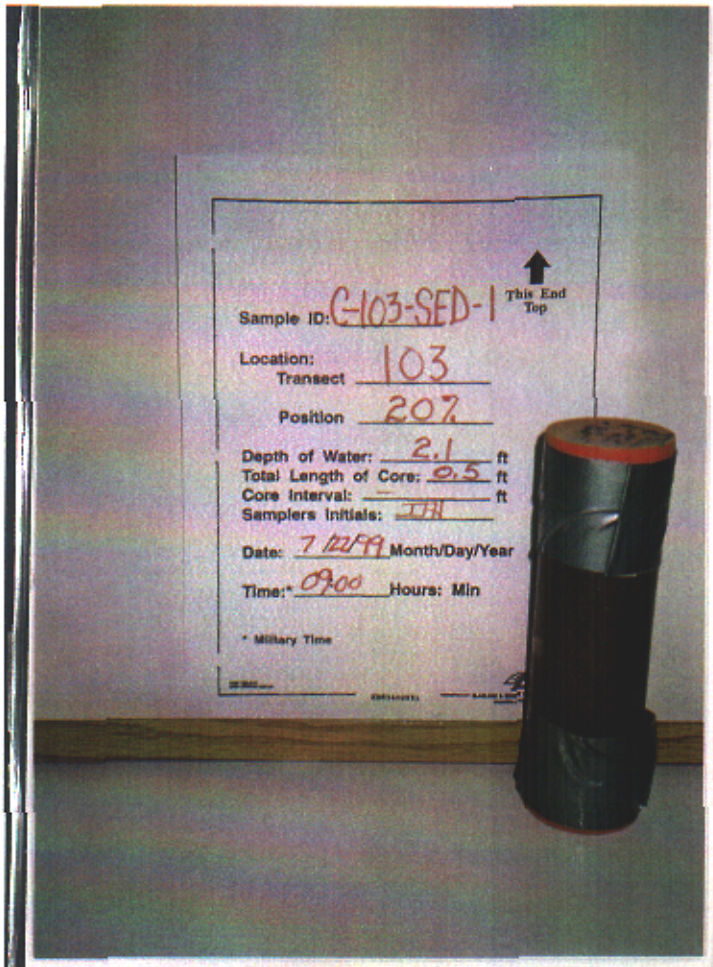
20% Rock Bottom @ 18'
40% Rock Bottom @ 31', 36', 41' (3) ATTEMPTS
60% Rock Bottom @ ~~54~~, 49'
PHOTO'S 4+5

Bank Sketch

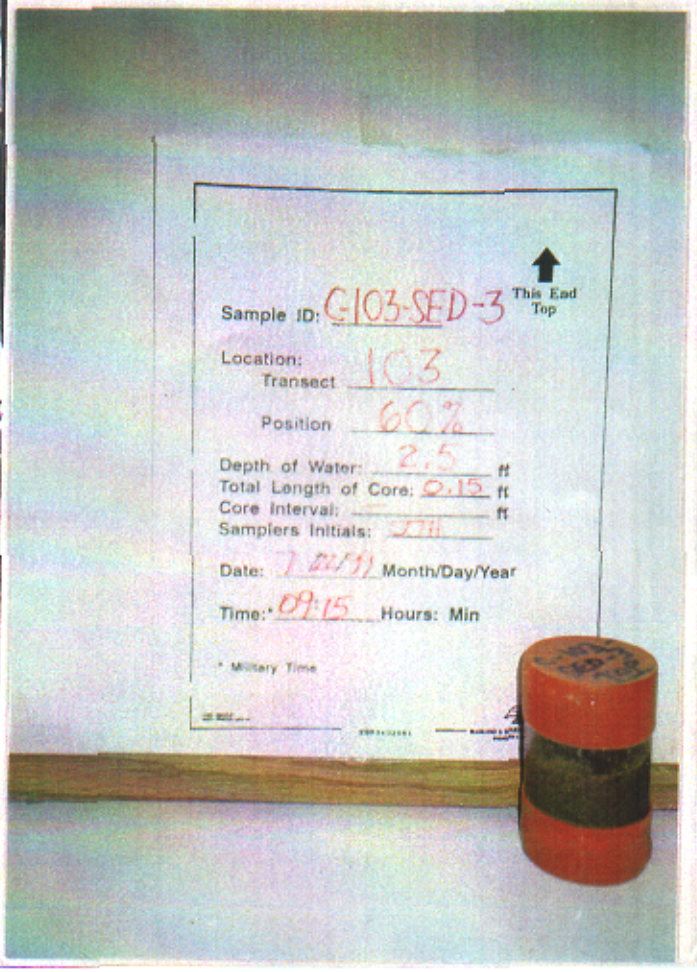


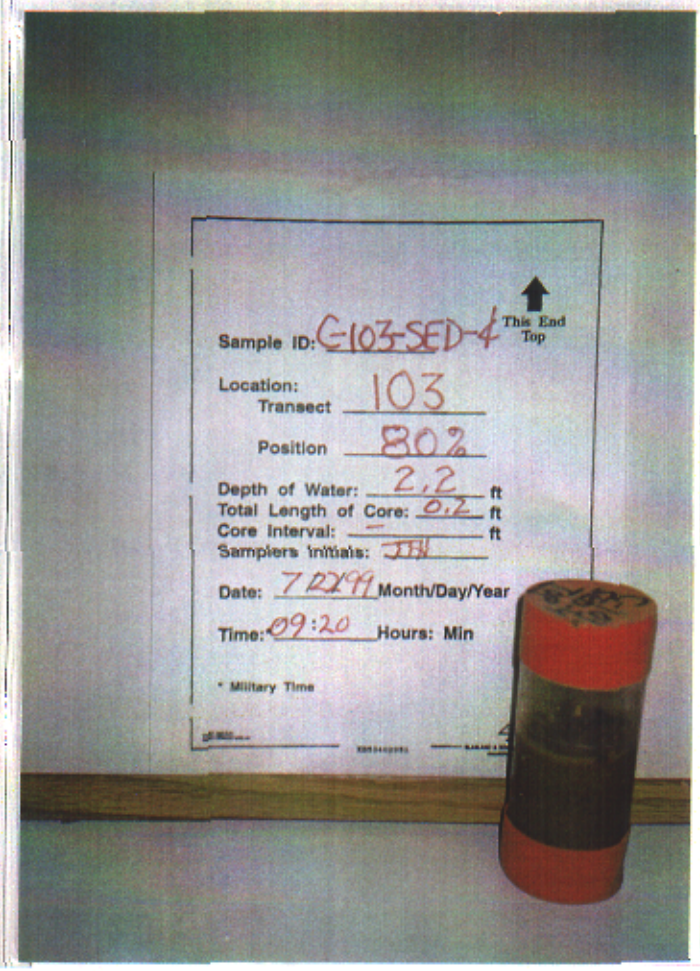

103 LEFT


103 RIGHT


Sample ID: G-103-SED-1
This End Top
Location:
Transect 103
Position 20%
Depth of Water: 2.1 ft
Total Length of Core: 0.5 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/22/99 Month/Day/Year
Time:* 0900 Hours: Min
* Military Time

#1/5


Sample ID: G-103-SED-3
This End Top
Location:
Transect 103
Position 60%
Depth of Water: 2.5 ft
Total Length of Core: 0.15 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/22/99 Month/Day/Year
Time:* 09:15 Hours: Min
* Military Time


Sample ID: G-103-SED-4
This End Top
Location:
Transect 103
Position 80%
Depth of Water: 2.2 ft
Total Length of Core: 0.2 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/22/99 Month/Day/Year
Time:* 09:20 Hours: Min
* Military Time

This End Top

Sample ID: G-104-SED-1

Location:

Transect 104

Position 20%

Depth of Water: 1.5 ft

Total Length of Core: 0.6 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 10:01 Hours: Min

* Military Time

01483 DS4-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-104-SED-2

Location:

Transect 104

Position 40%

Depth of Water: 1.5 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 10:07 Hours: Min

* Military Time

0493 D64-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-104-SED-3

Location:

Transect 104

Position 60%

Depth of Water: 2.6 ft

Total Length of Core: 0.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 10:13 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-104-SED-4

Location:

Transect 104

Position 80%

Depth of Water: 2.7 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 10:20 Hours: Min

* Military Time

01/93 D64-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 104

Date 7/22/99 **Time In** 0950 **Time Out** 1057

Total Water Width 90'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~18~~ 18	~~36~~ 41	59	72'
Water Column	1.5	~~1.8~~ 2.0	2.6	2.7
Sediment Penetrated	.55	.5	.3	.4
Sediment Recovered	.6	.5	.2	.3
Time	1001	1007	1013	1020
Sample ID	C-104-SED-1	C-104-SED-2	C-104-SED-3	C-104-SED-4
	MED GRAVEL - COARSE TO MED FINE BROWN SAND	SMALL to MED GRAVEL Fine to MED SAND MOSTLY ROCK	SM to MED GRAVEL FINE to MED SAND	SM GRAVEL FINE to MEDS

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+10	1.5	.3 | 1 | 1.2	0.641 | 0.52	0.58	8.7
0+20	1.5	.3 | 1 | 1.2	1.311 | 1.07	1.19	17.85
0+40	2.0	.4 | 1 | 1.6	1.501 | 1.34	1.42	56.80
0+60	2.6	.52 | 1 | 2.08	2.031 | ~~1.38~~	1.655	86.06
0+80	2.5	0.51 | 1 | 2.0	1.35 | 1.12	1.235	92.625
		| |	| |		
		| |	| |	1.016	
		| |	| |	~~[illegible]~~	262.035

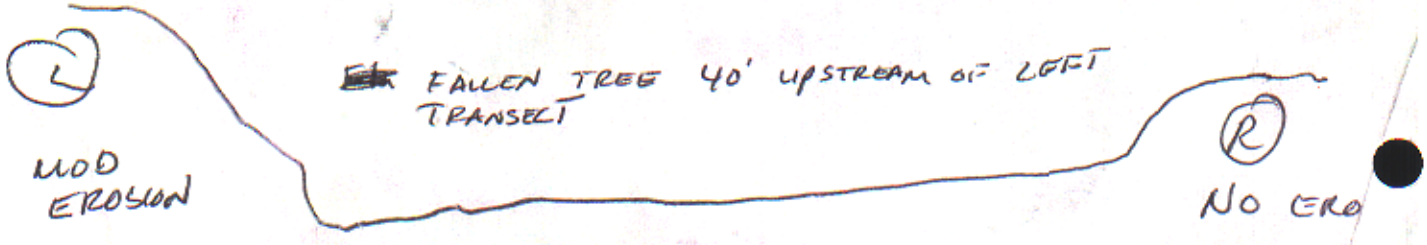
PHOTO'S 6&7

Notes

40% - ~~36'~~ shift to 31', shift to 41

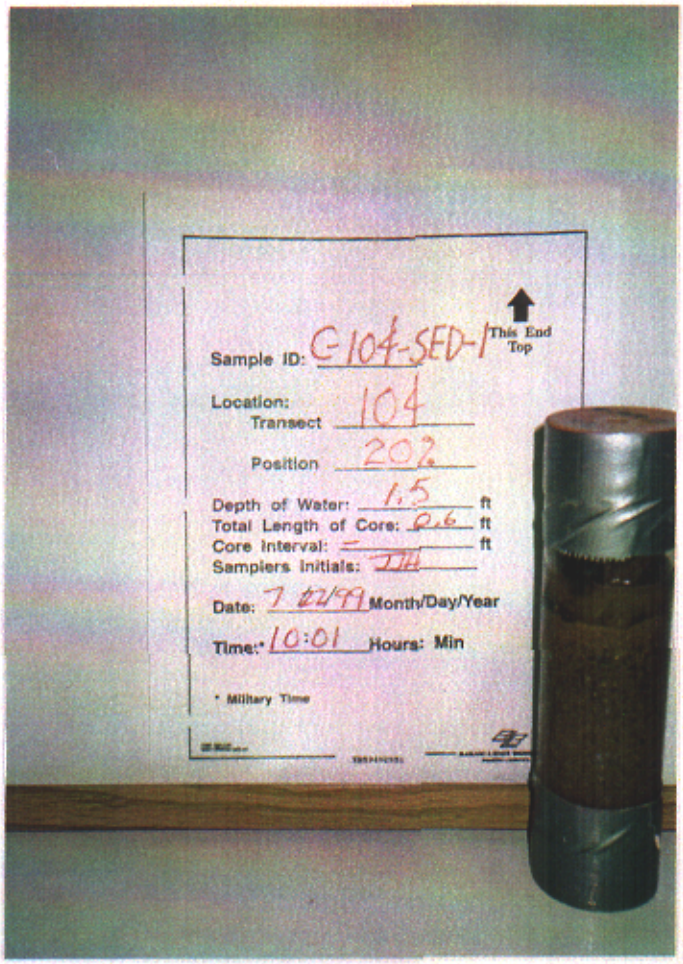
60% - shift to 49', shift to 59'

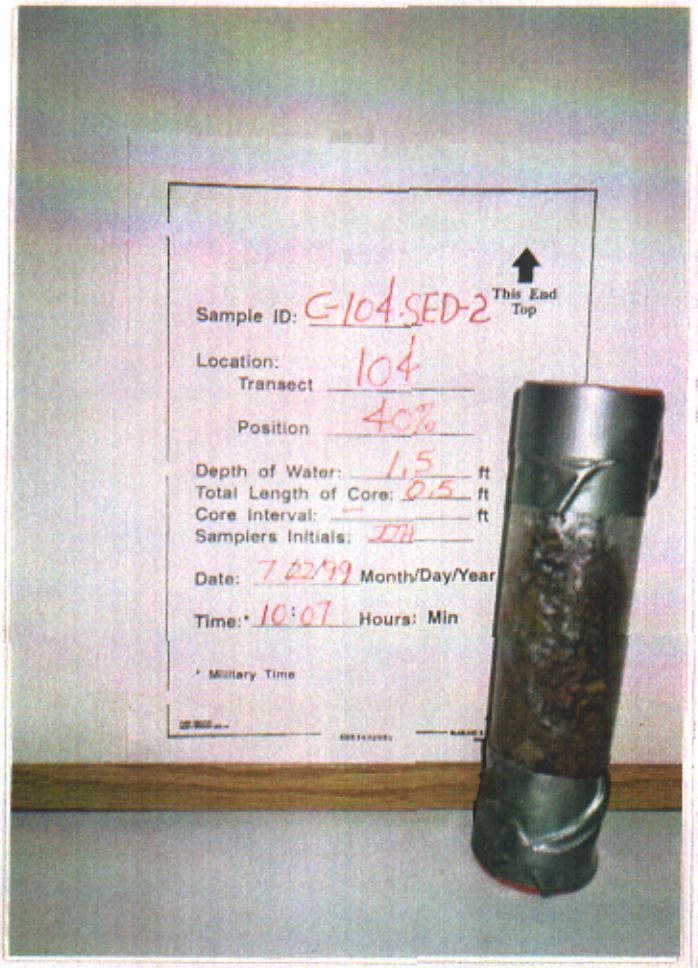
Bank Sketch

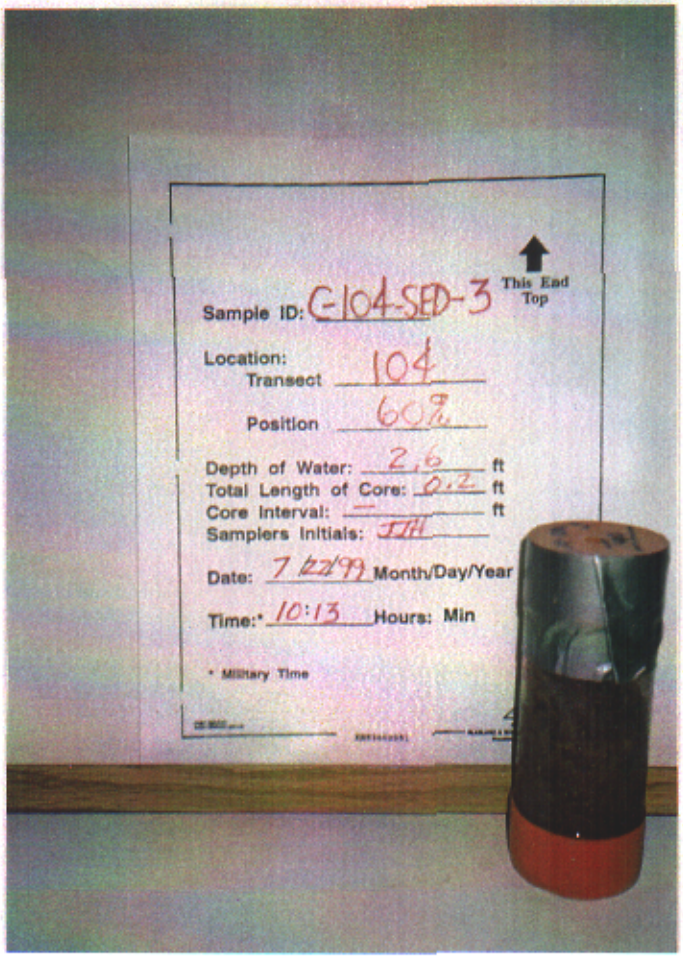


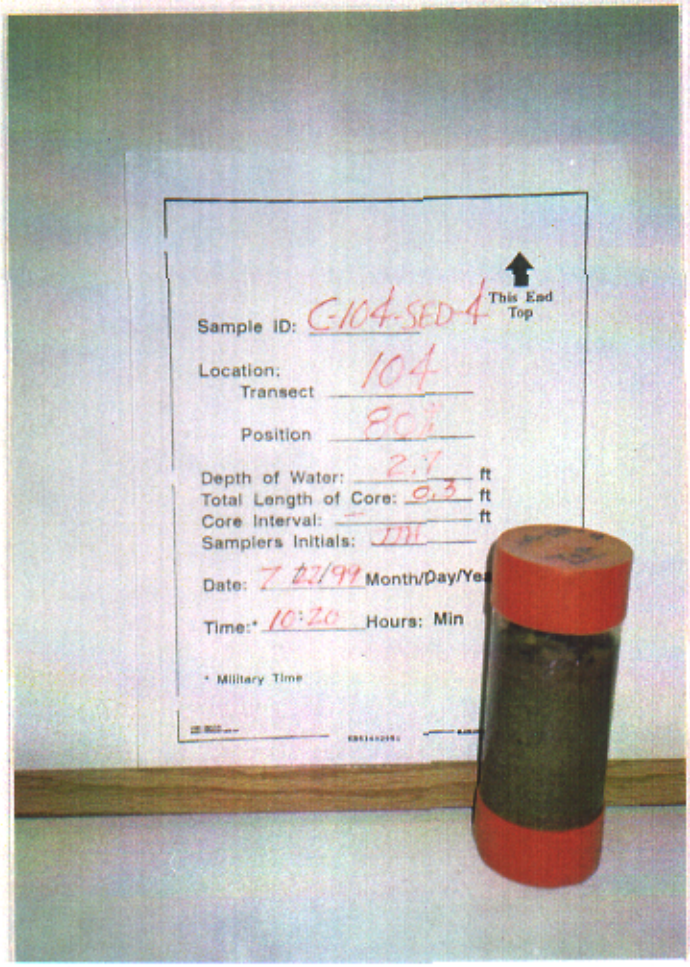

LEFT


RIGHT


Sample ID: G-104-SED-1
This End Top
Location:
Transect 104
Position 20%
Depth of Water: 1.5 ft
Total Length of Core: 0.6 ft
Core Interval: — ft
Samplers Initials: JH
Date: 7/22/99 Month/Day/Year
Time:* 10:01 Hours: Min
* Military Time


Sample ID: G-104-SED-2
This End Top
Location:
Transect 104
Position 40%
Depth of Water: 1.5 ft
Total Length of Core: 0.5 ft
Core Interval: — ft
Samplers Initials: JH
Date: 7/22/99 Month/Day/Year
Time:* 10:07 Hours: Min
* Military Time


Sample ID: G-104-SED-3
This End Top
Location:
Transect 104
Position 60%
Depth of Water: 2.6 ft
Total Length of Core: 0.2 ft
Core Interval: — ft
Samplers Initials: JH
Date: 7/22/99 Month/Day/Year
Time:* 10:13 Hours: Min
* Military Time


Sample ID: G-104-SED-4
This End Top
Location:
Transect 104
Position 80%
Depth of Water: 2.7 ft
Total Length of Core: 0.3 ft
Core Interval: — ft
Samplers Initials: JH
Date: 7/22/99 Month/Day/Year
Time:* 10:20 Hours: Min
* Military Time

Sample ID: C-105-SED-1

This End Top

Location:

Transect 105

Position 20%

Depth of Water: 1.1 ft

Total Length of Core: 0.25 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 11:05 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-105-SED-2

Location:

Transect 105

Position 40%

Depth of Water: 1.6 ft

Total Length of Core: 0.1 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 11:15 Hours: Min

* Military Time

01483 DS4-CJH
645011BN64501g03.cdr

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ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-105-SED-3

Location:

Transect 105

Position 60%

Depth of Water: 1.5 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 11:20 Hours: Min

* Military Time

01483 DS4-DJH
945011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-105-SED-4

Location:

Transect 105

Position 80%

Depth of Water: 1.6 ft

Total Length of Core: 0.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 11:25 Hours: Min

* Military Time

01/93 D54-DJH
645011SP/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 105

Date 7/21/99 **Time In** 1100 **Time Out** 1205

Total Water Width 100'

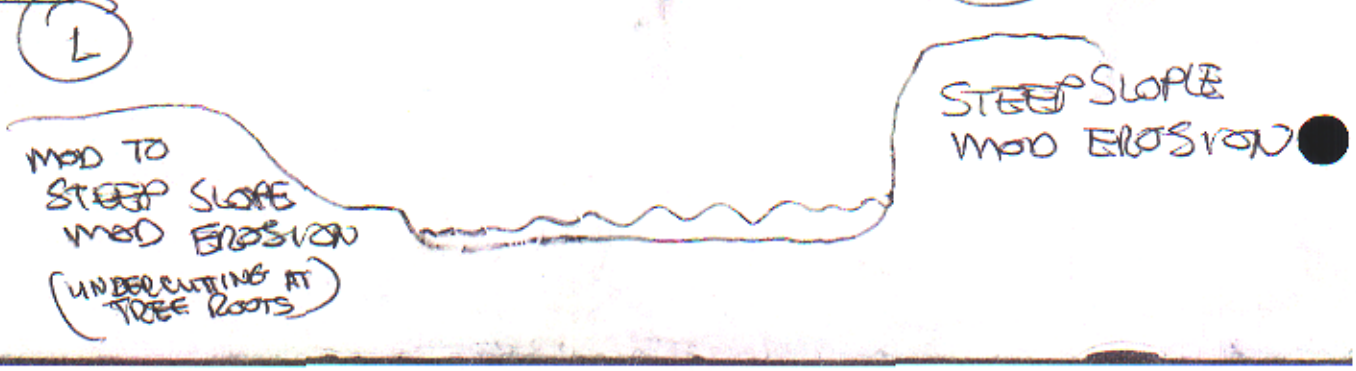
Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+20' (2.0 +.9) (2.3)	0+40'	0+60' 65'	0+80' 20'
Water Column	1.1'	1.6'	1.5'	1.6'
Sediment Penetrated	0.3'	0.2'	0.3'	0.35'
Sediment Recovered	0.25'	0.1'	0.2'	0.2'
Time	1105	1115	1120	1125
Sample ID	C-105-SED-1 FINE SAND, SOME SM GRAVEL	C-105-SED-2 LARGE GRAVEL (1) SM GRAVEL + SAND (MOSTLY ROCKS)	C-105-SED-3 SAME AS PREVIOUS	C-105-SED-4 SM GRAVEL AND M-C SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

STRAIGHT STRETCH OF CREEK

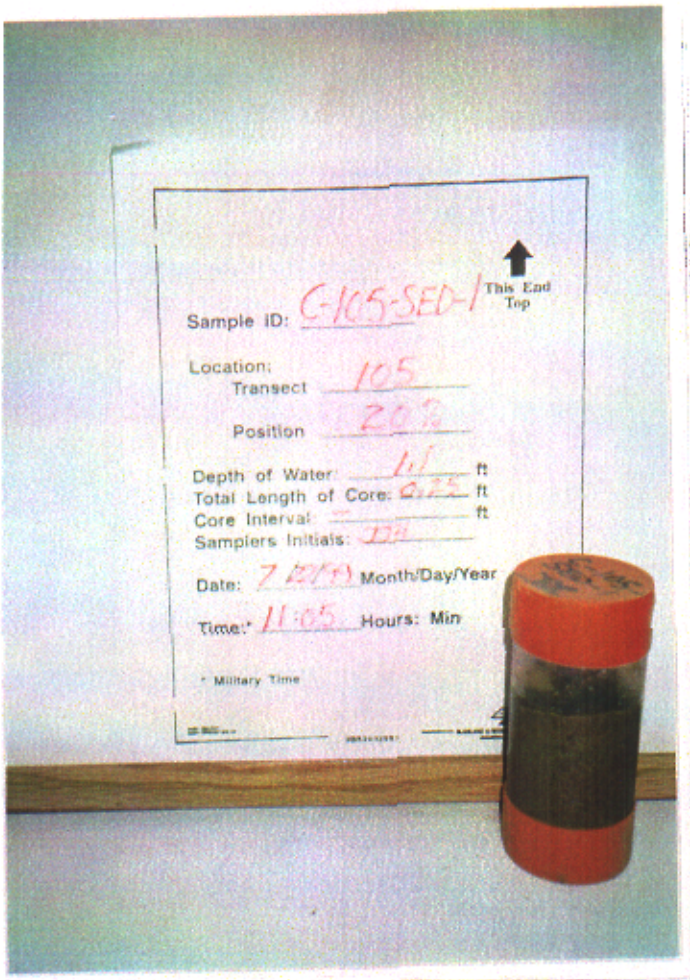
Notes PHOTO'S 8+9
100% ROCK BOTTOM @ 55', 60'

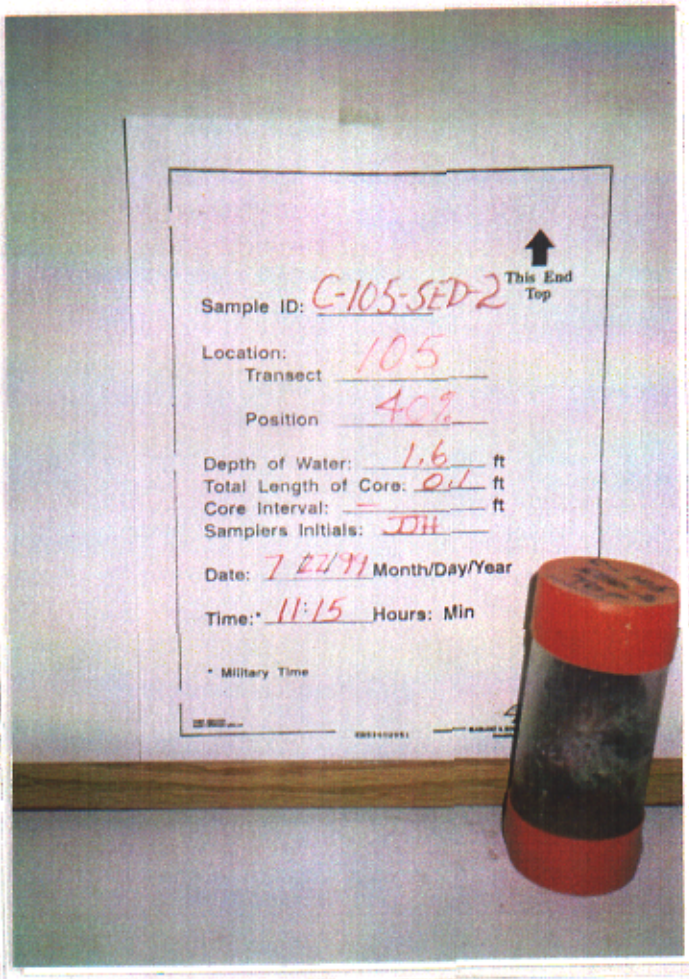
Bank Sketch

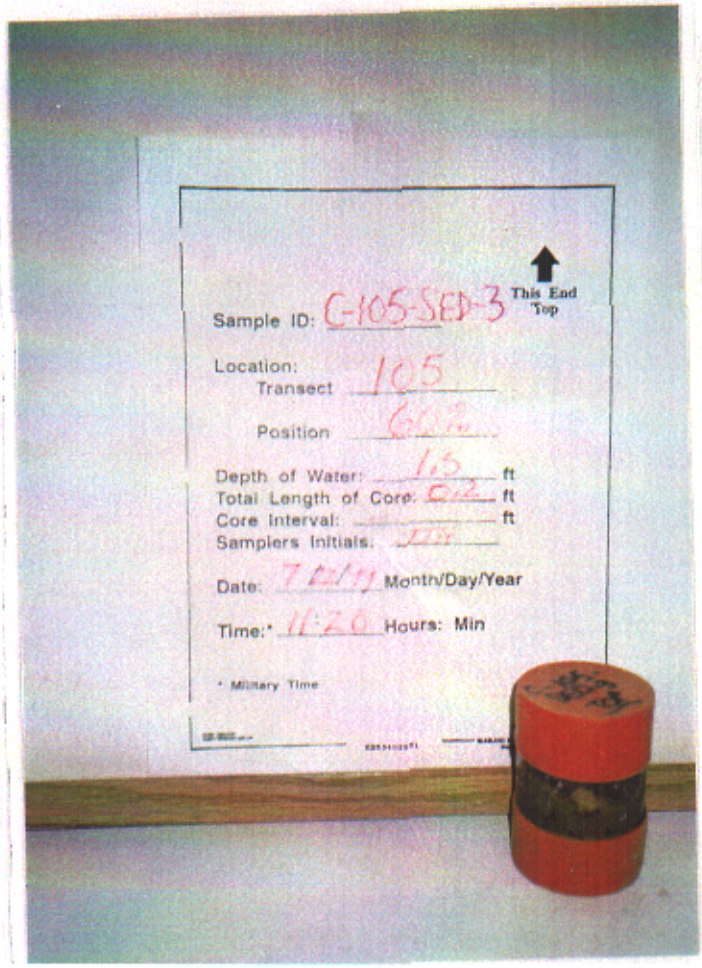


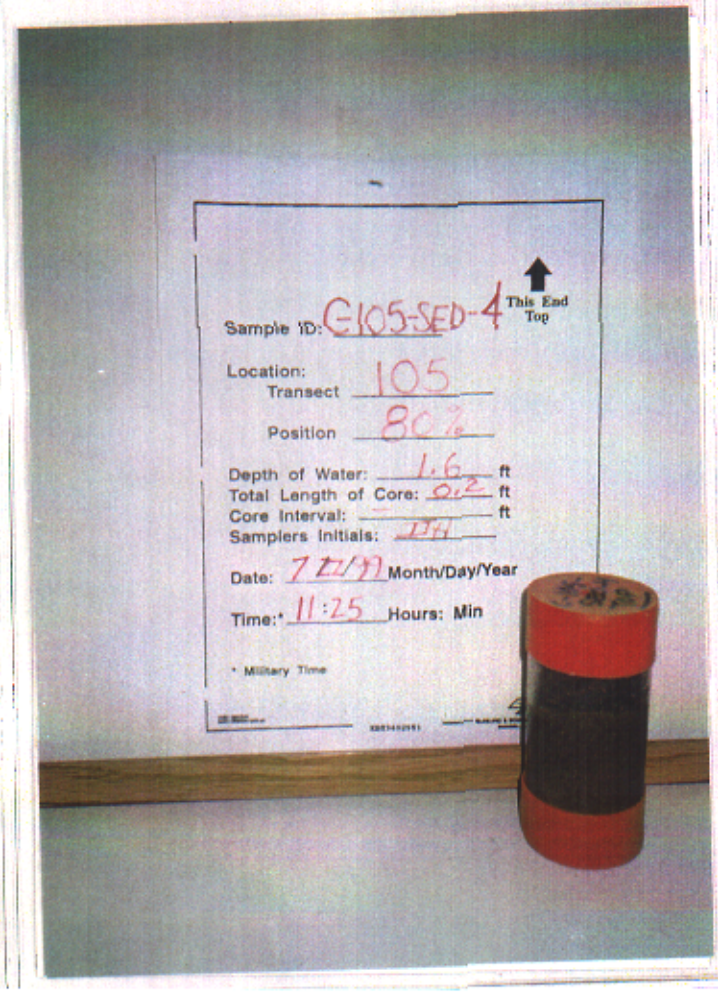

105 LEFT
12'99


105 RIGHT


Sample ID: C-105-SED-1
This End Top
Location:
Transect 105
Position 20%
Depth of Water: 1.1 ft
Total Length of Core: 0.25 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/22/91 Month/Day/Year
Time:* 11:05 Hours: Min
* Military Time


Sample ID: C-105-SED-2
This End Top
Location:
Transect 105
Position 40%
Depth of Water: 1.6 ft
Total Length of Core: 0.1 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/22/91 Month/Day/Year
Time:* 11:15 Hours: Min
* Military Time


Sample ID: C-105-SED-3
This End Top
Location:
Transect 105
Position 60%
Depth of Water: 1.5 ft
Total Length of Core: 0.2 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/22/91 Month/Day/Year
Time:* 11:20 Hours: Min
* Military Time


Sample ID: C-105-SED-4
This End Top
Location:
Transect 105
Position 80%
Depth of Water: 1.6 ft
Total Length of Core: 0.2 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/22/91 Month/Day/Year
Time:* 11:25 Hours: Min
* Military Time

This End Top

Sample ID: C-106-SED-2

Location:

Transect 106

Position 40%

Depth of Water: 5.9 ft

Total Length of Core: 0.4 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 12:23 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End
Top

Sample ID: G-106-SED-3

Location:
Transect 106

Position 60%

Depth of Water: 4.1 ft
Total Length of Core: 0.35 ft
Core Interval: - ft
Samplers Initials: JDH

Date: 7/22/99 Month/Day/Year

Time:* 12:29 Hours: Min

* Military Time

01483 D64-CJH
645011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: G-106-SED-4

Location:

Transect 106

Position 80

Depth of Water: 2.9 ft

Total Length of Core: 0.4 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 12:31 Hours: Min

* Military Time

DWG D64-DJH
64SD11SN64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 106

Date 7/22/99 **Time In** 1210 **Time Out** 1300

Total Water Width 67

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	13'	~~26~~ 31'	39'	52
Water Column	4.9	~~6.9 5.6~~ 5.9	4.1	2.9
Sediment Penetrated	—	.45	.5	.6
Sediment Recovered	—	.4	.35	.4
Time	—	1223	1229	1231
Sample ID	—	G-106-SED-2	G-106-SED-3	G-106-SED-4
	NO Sample	Fine to COARSE Sand, Small GRAVEL	Fine to COARSE Sand, SM GRAVEL	Fine to coarse sand MED GRAVEL

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

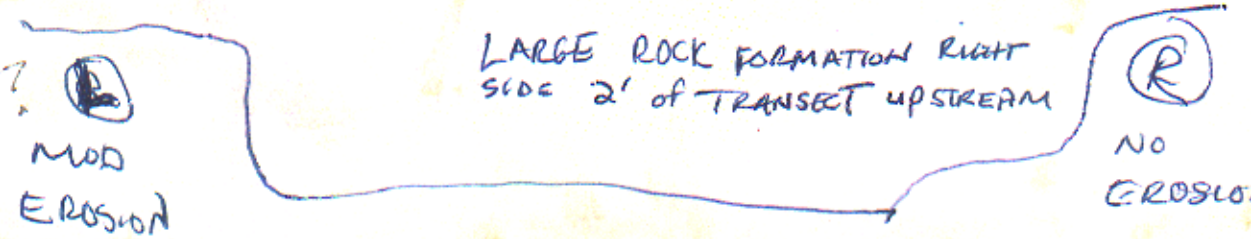
PHOTO'S 10+11

Notes

20% - 13' ÷ 8' ROCK BOTTOM - shift to 18' - Rocks

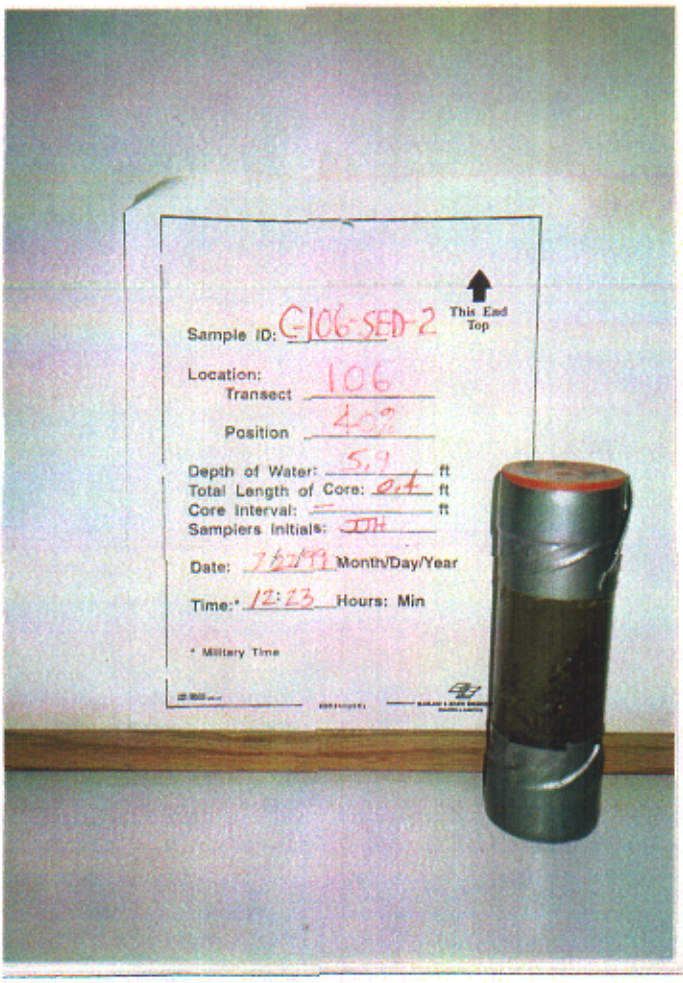
40% - Shift to 21, shift to 31'

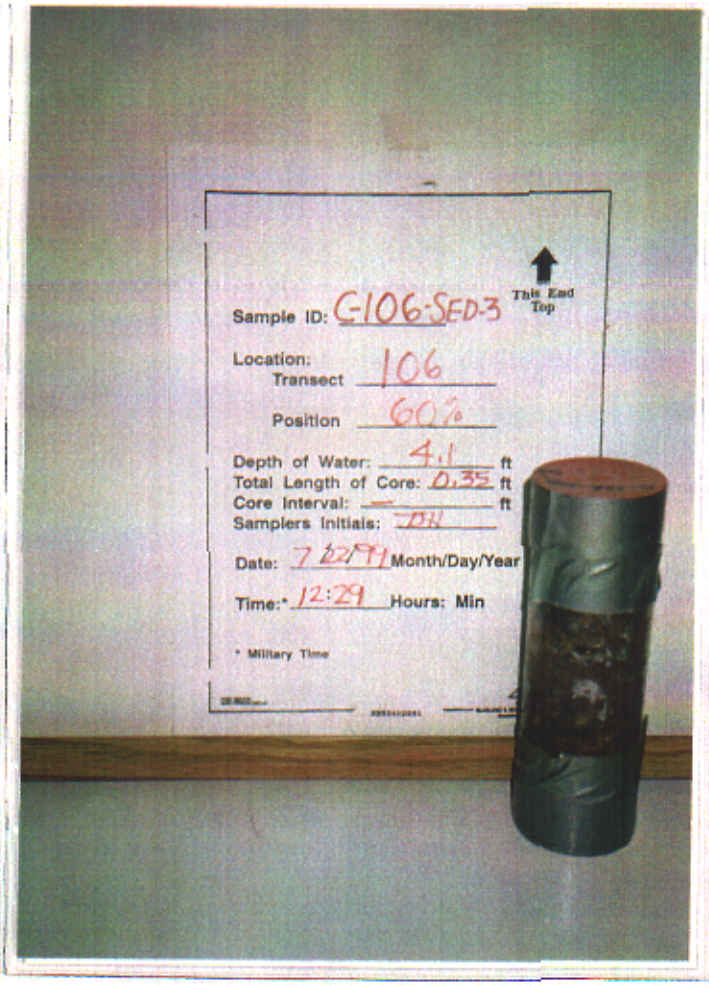
Bank Sketch

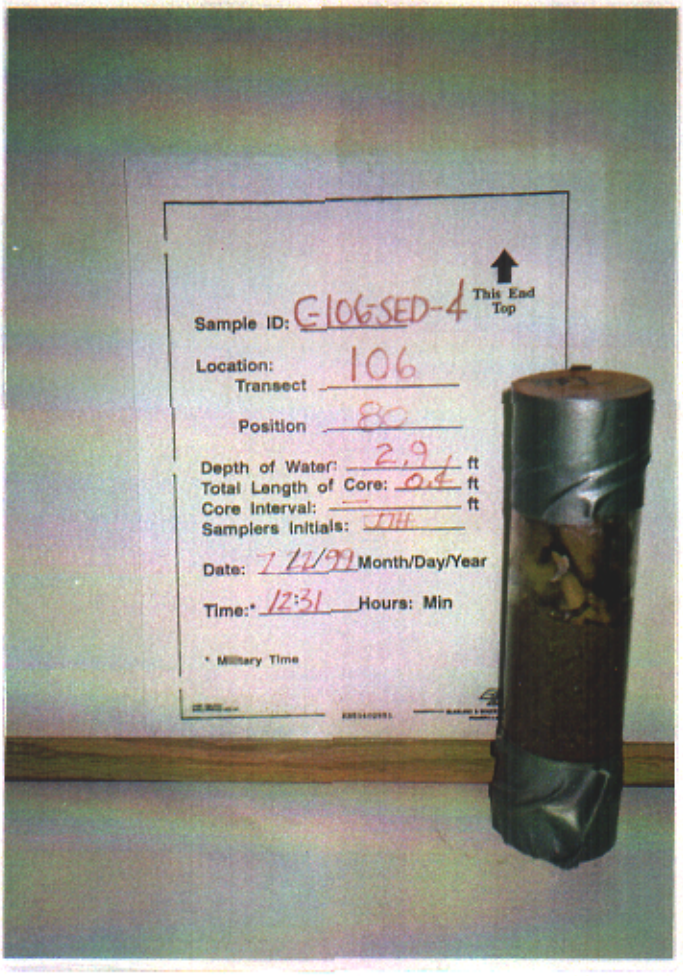



106 LEFT


106 RIGHT
7 22 '99


Sample ID: C-106-SED-2
This End Top
Location:
Transect 106
Position 40%
Depth of Water: 5.9 ft
Total Length of Core: 0.4 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/22/99 Month/Day/Year
Time:* 12:23 Hours: Min
* Military Time


Sample ID: C-106-SED-3
This End Top
Location:
Transect 106
Position 60%
Depth of Water: 4.1 ft
Total Length of Core: 0.35 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/22/99 Month/Day/Year
Time:* 12:29 Hours: Min
* Military Time


Sample ID: C-106-SED-4
This End Top
Location:
Transect 106
Position 80
Depth of Water: 2.9 ft
Total Length of Core: 0.4 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/22/99 Month/Day/Year
Time:* 12:31 Hours: Min
* Military Time

01/01

This End Top

Sample ID: C-107-SED-4

Location:

Transect 107

Position 80 %

Depth of Water: 4.7 ft

Total Length of Core: 0.2 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/22/99 Month/Day/Year

Time:* 13:30 Hours: Min

* Military Time

01/93 D54-DJH
6450115FM54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 107

Date 7/28/99 **Time In** 1310 **Time Out** 1435

Total Water Width 95'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+19'	0+38'	0+57'	0+81'/0+76'
Water Column	3.9'	5.6'	5.6'	5.0'/4.7'
Sediment Penetrated	—	—	—	0.35
Sediment Recovered	—	—	—	0.2
Time	—	—	—	1330
Sample ID	—	—	—	C-107-SED-1
	NO SAMPLE	NO SAMPLE	NO SAMPLE	GREY BROWN FINE SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

Photo 12 & 13 STRAIGHT STRETCH OF CREEK

Notes

20% BEDROCK BOTTOM @ 14', 19', 24'
40% " " " 33', 38', 43'
60% " " " 52', 57', 62'
80% " " " 71', 76'

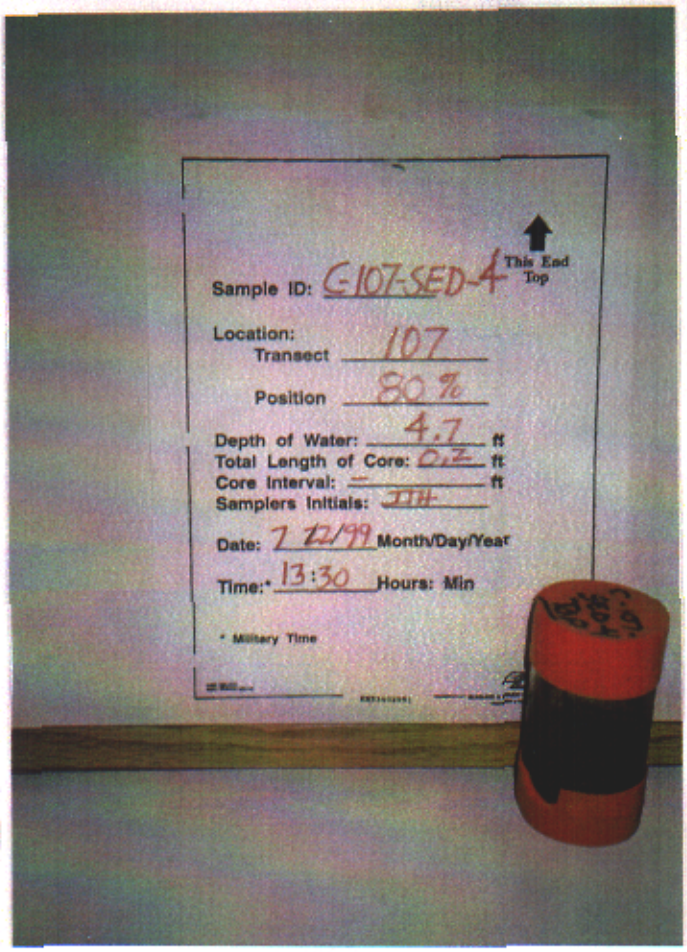
Bank Sketch







107 RIGHT


This End Top
Sample ID: C-107-SED-4
Location:
Transect 107
Position 80 %
Depth of Water: 4.7 ft
Total Length of Core: 0.2 ft
Core Interval: – ft
Samplers Initials: JTH
Date: 7 22/99 Month/Day/Year
Time:* 13:30 Hours: Min
* Military Time

This End Top

Sample ID: C-108-SED-4

Location:
Transect 108

Position 80%

Depth of Water: 3.8 ft
Total Length of Core: 0.2 ft
Core Interval: — ft
Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 14:48 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 108

Date 7/26/99 **Time In** 1424 **Time Out** 1530

Total Water Width 70'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	14	28	42'	56'
Water Column	4.7	5.2	52	3.8
Sediment Penetrated				.2
Sediment Recovered				.2
Time				1448
Sample ID	No sample	No sample	No sample	C-108-SED-4 FINE TO MED S W/ORGANICS

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+20	5.6	1.12 | 14.48	0.94 | 1.86	0.9	100.80
0+40	5.3	1.06 | 14.24	0.86 | 0.57	0.715	75.79
~~0+55~~	~~4.0~~	~~0.80 | 13.2~~	~~0.52 | 0.39~~	~~0~~	
0+55	4.0	0.80 | 13.2	0.52 | 0.39	0.455	54.60
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |	0.69	231.19

Photo 17 & 18

Notes

20% - 14' shift to 9', shift to 19' - BEDROCK

40% - 28' shift to 33', 23' - BEDROCK

60% - 42' shift to 47', shift 37' - three attempt

Velocity - 0+60 - shift to 55 because of a fallen tree(log)

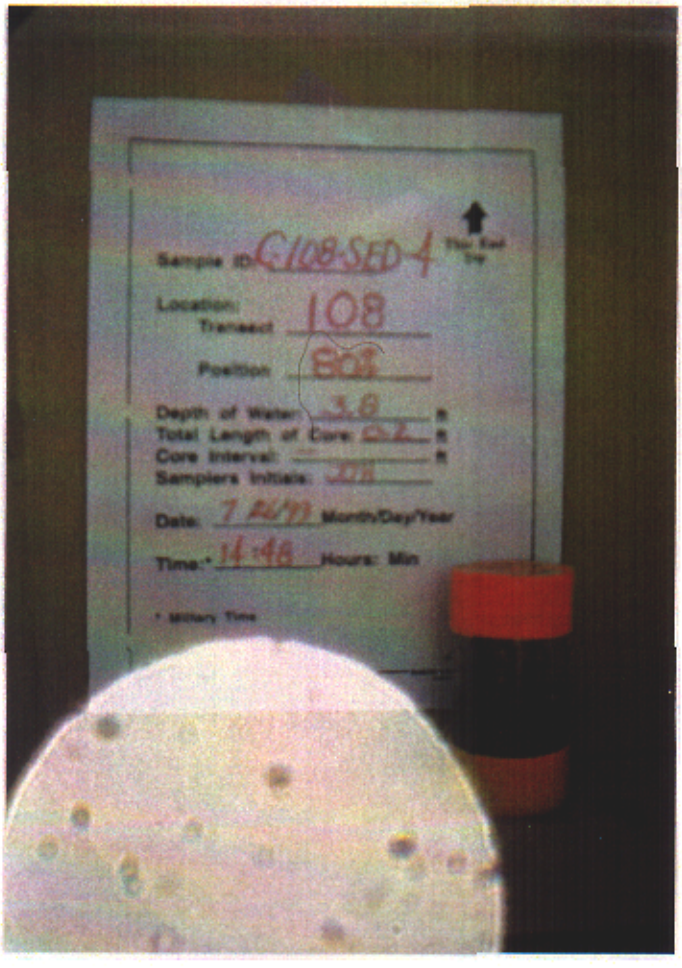
Tributary - 100' & 400' RIGHT SIDE UPSTREAM OF TRANSECT

Bank Sketch




108 LEFT


108 RIGHT


Sample ID: C108-SED-1
Location:
Transect 108
Position BOX
Depth of Water: 3.8 ft
Total Length of Core: 0.2 ft
Core Interval: ft
Samplers Initials: JDR
Date: 7 24 99 Month/Day/Year
Time:* 14:48 Hours: Min
* Military Time

This End Top

Sample ID: C-109-SED-1

Location:

Transect 109

Position 20%

Depth of Water: 1.0 ft

Total Length of Core: 0.7 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 15:50 Hours: Min

* Military Time

DMB3 D54-DJH
64501\SR\64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-109-SED-2

Location:

Transect 109

Position 40%

Depth of Water: 1.7 ft

Total Length of Core: 0.3 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 15:55 Hours: Min

* Military Time

01/93 D64-DJH
64501159/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-109-SED-3

Location:

Transect 109

Position 60%

Depth of Water: 2.1 ft

Total Length of Core: 0.25 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 16:00 Hours: Min

* Military Time

OMB3 DS4-CJH
945011SR64601g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-109-SED-4

Location:

Transect 109

Position 80%

Depth of Water: 1.6 ft

Total Length of Core: 0.95 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 16:05 Hours: Min

* Military Time

01/93 D64-DJH
64501\SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 109

Date 7/26/99 **Time In** 1540 **Time Out** 1630

Total Water Width 100'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+20'	0+46'	0+65'	0+80'
Water Column	1.0'	1.7'	2.1'	1.6'
Sediment Penetrated	.70'	0.30'	.25	1.35'
Sediment Recovered	.70'	0.30'	.25	0.95'
Time	1550	1555	1600	1605
Sample ID	C-109-SED-1 F-L SAND W/ SM GRAVEL	C-109-SED-2 SOME F SAND W/ MOSTLY C SAND, SOME SM GRAVEL	C-109-SED-3 F SAND AND SM-LG GRAVEL	C-109-SED-4 F-M SAND, TR SILT & CLAY

3.15 3.00 2.75 4.50 3.15 1.3

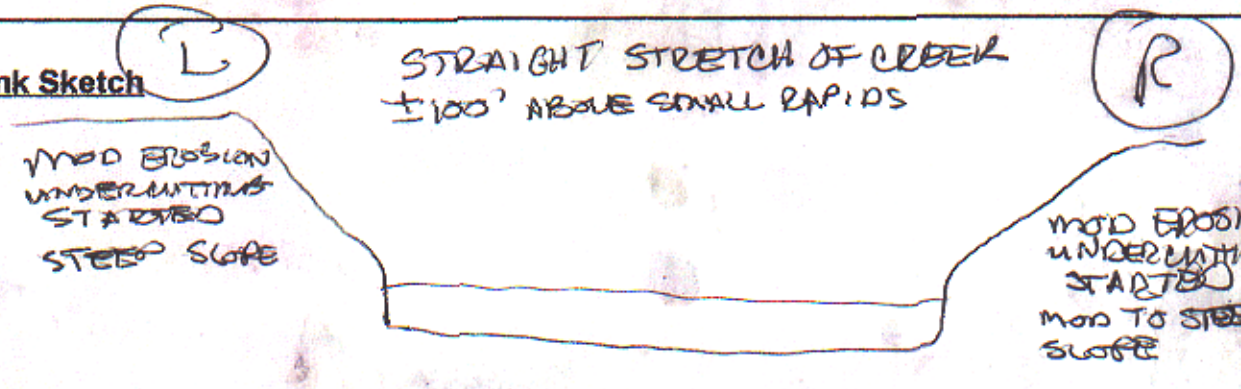
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTOS 19+20

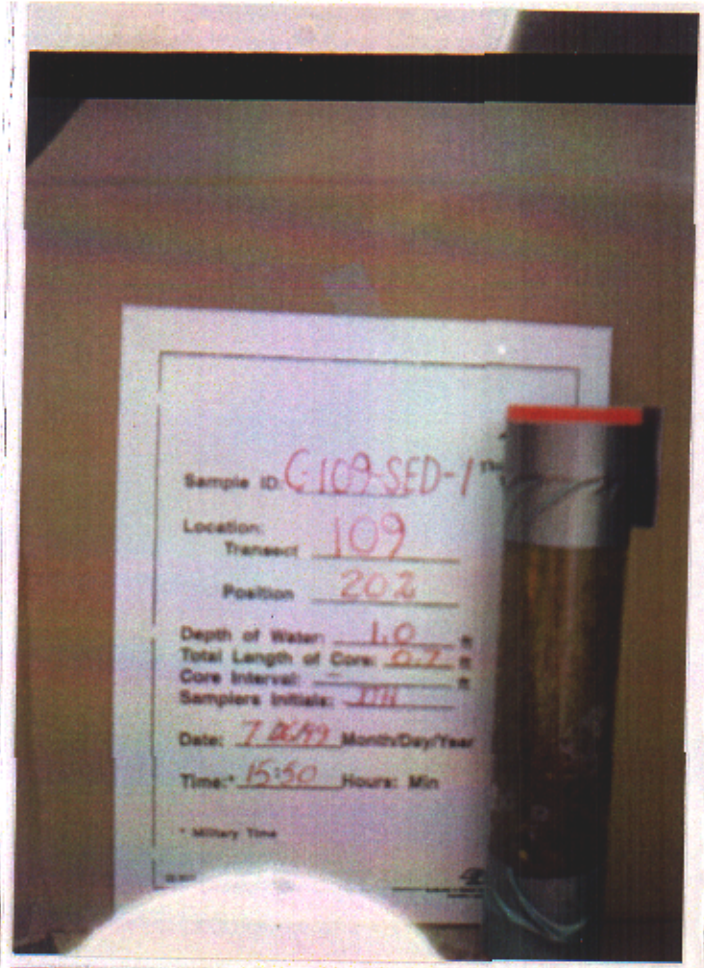
Notes 60% ROCKS @ 00', 55'

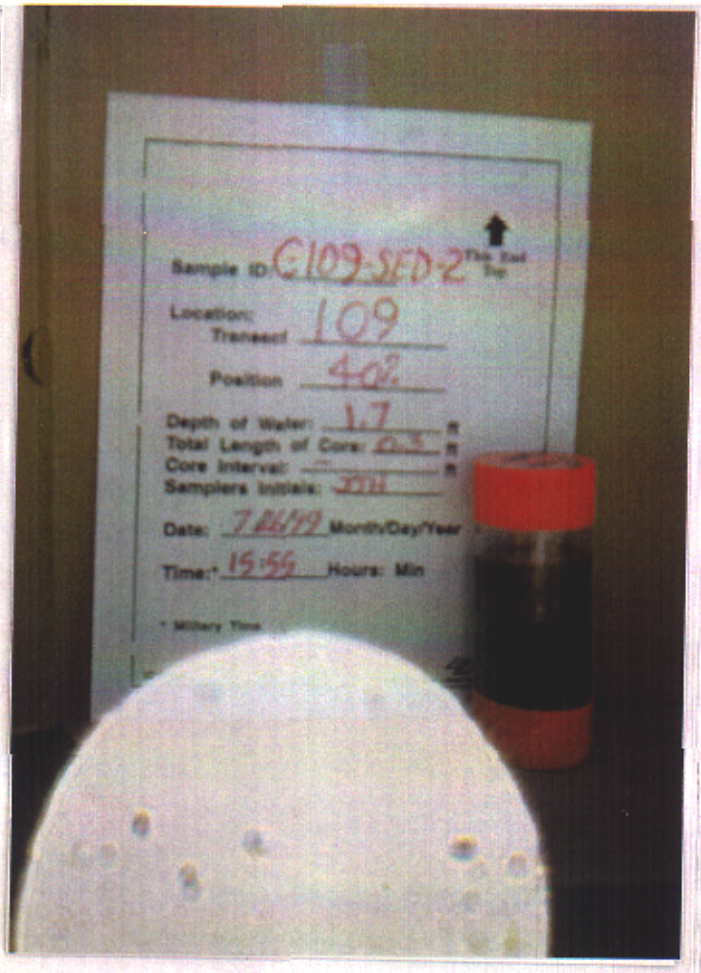
Bank Sketch

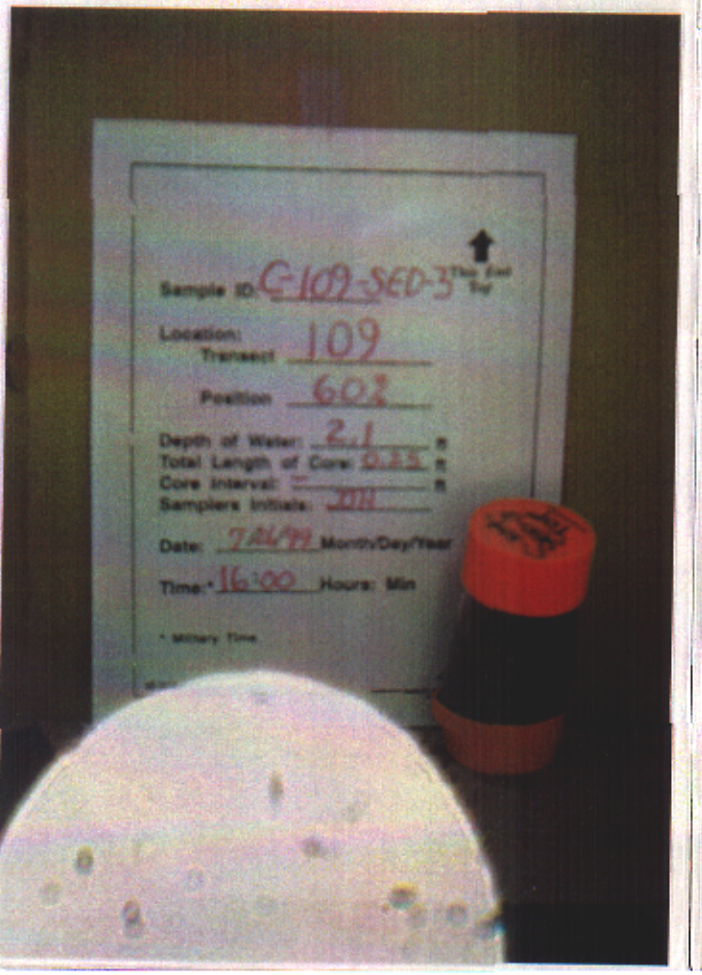


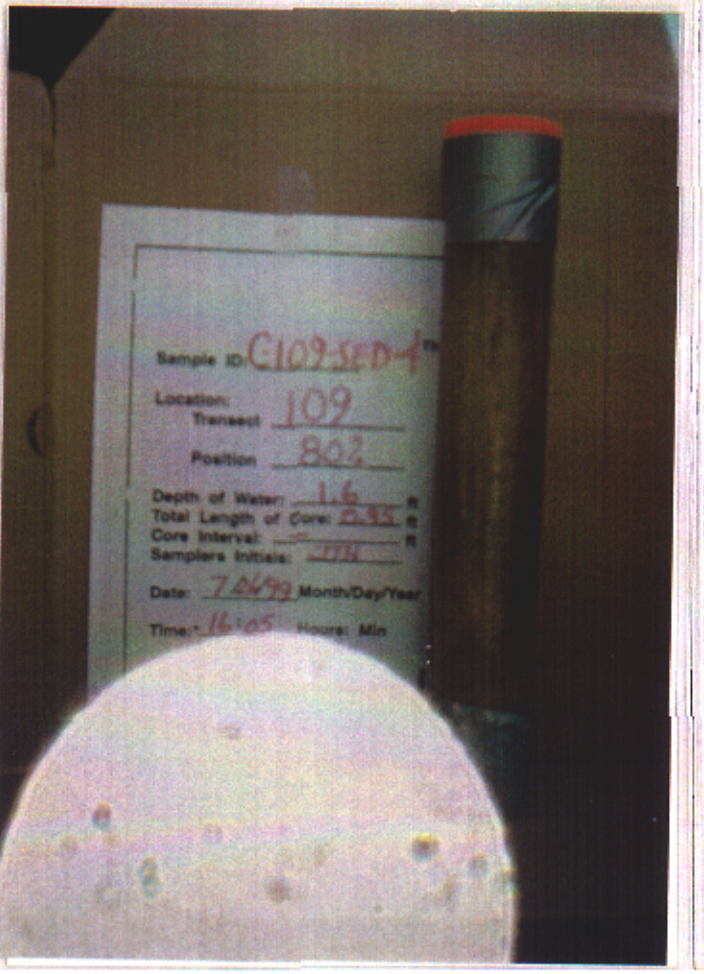



109 RIGHT
12699


Sample ID: C109-SED-1
Location:
Transect 109
Position 20%
Depth of Water: 1.0 ft
Total Length of Core: 0.7 ft
Core Interval: — ft
Samplers Initials: JHH
Date: 7/26/99 Month/Day/Year
Time:* 15:50 Hours: Min
* Military Time


Sample ID: C109-SED-2
This End Up
Location:
Transect 109
Position 40%
Depth of Water: 1.7 ft
Total Length of Core: 0.3 ft
Core Interval: — ft
Samplers Initials: JHH
Date: 7/26/99 Month/Day/Year
Time:* 15:56 Hours: Min
* Military Time


Sample ID: C-109-SED-3
This End Up
Location:
Transect 109
Position 60%
Depth of Water: 2.1 ft
Total Length of Core: 0.25 ft
Core Interval: — ft
Samplers Initials: JHH
Date: 7/26/99 Month/Day/Year
Time:* 16:00 Hours: Min
* Military Time


Sample ID: C109-SED-4
Location:
Transect 109
Position 80%
Depth of Water: 1.6 ft
Total Length of Core: 0.95 ft
Core Interval: — ft
Samplers Initials: JHH
Date: 7/26/99 Month/Day/Year
Time:* 16:05 Hours: Min

This End Top

Sample ID: C-110-SED-1

Location:

Transect 110

Position 20%

Depth of Water: 3.0 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 16:51 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-110-SED-2

Location:

Transect 110

Position 40%

Depth of Water: 4.9 ft

Total Length of Core: 0.4 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 16:57 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-110-SED-3

Location:

Transect 110

Position 60%

Depth of Water: 6.4 ft

Total Length of Core: 1.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 17:04 Hours: Min

* Military Time

01/93 D54-DJH
8450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-110-SED-4

Location:

Transect 110

Position 80%

Depth of Water: 5.3 ft

Total Length of Core: 0.8 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/26/99 Month/Day/Year

Time:* 17:10 Hours: Min

* Military Time

01/93 D54-DJH
845011SR/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 110

Date ~~1638~~ 7/26/99 **Time In** 1638 **Time Out** 1740

Total Water Width 85

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				
Sample Width	~~3.0~~ 16	~~32~~ 27'	48	~~6.9~~ 6.4
Water Column	3.0	~~5.5~~ 4.9	6.4	~~5.8~~ 5.3
Sediment Penetrated	.3	.4	1.5	1.4
Sediment Recovered	.2	.4	1.2	.8
Time	1651	1657	1704	1710
Sample ID	C-110-SED-1 MED TO COARSE SAND	C-110-SED-2 MED TO COARSE SAND W/ ORGANICS	C-110-SED-3 MED Gravel Fine sand and CLAY	C-110-SED-4 Fine Sand, Small Gravel, Organics & Some Clay & Silt

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITY			

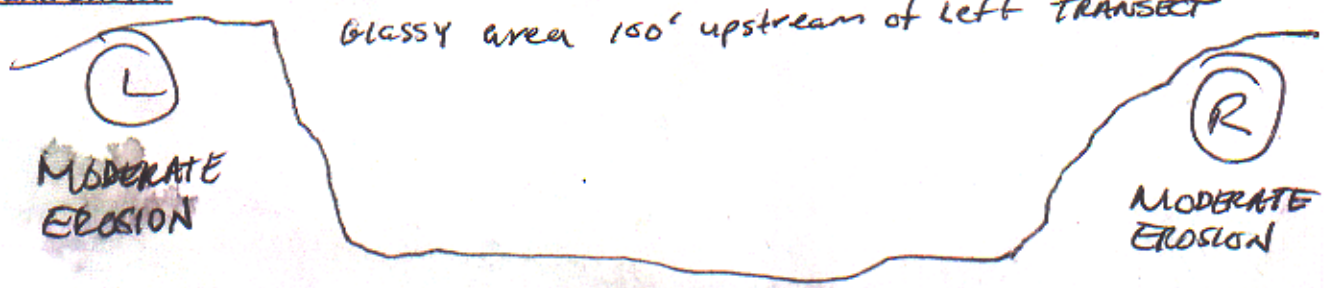
Photo 21 & 22

Notes

40% - 32' shift to 27'

80% - 64' shift to 69'

Bank Sketch

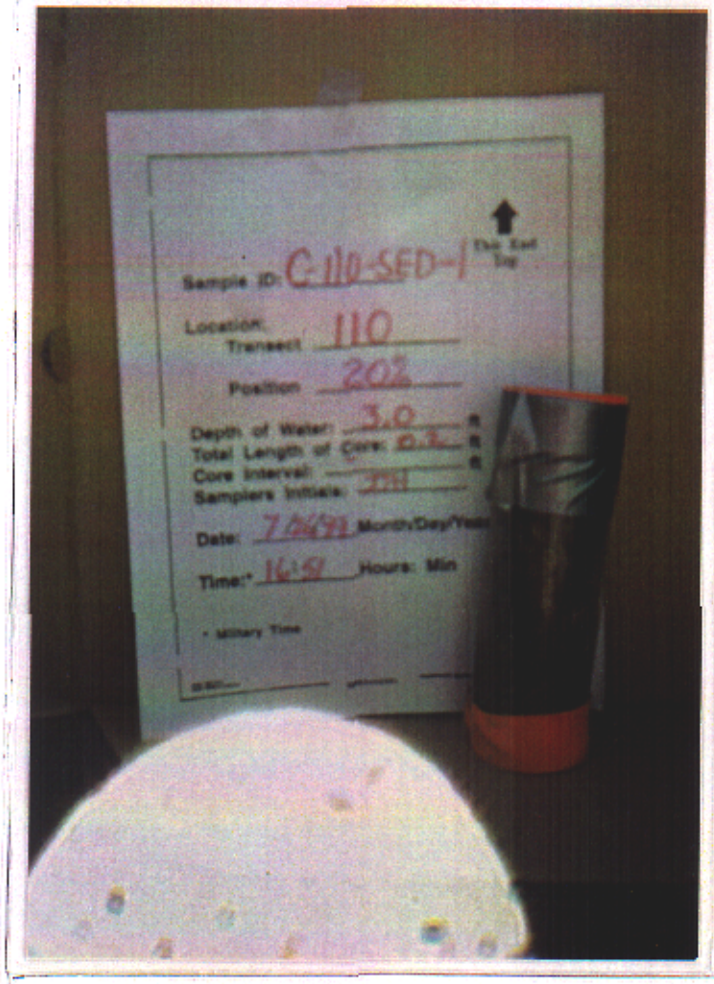


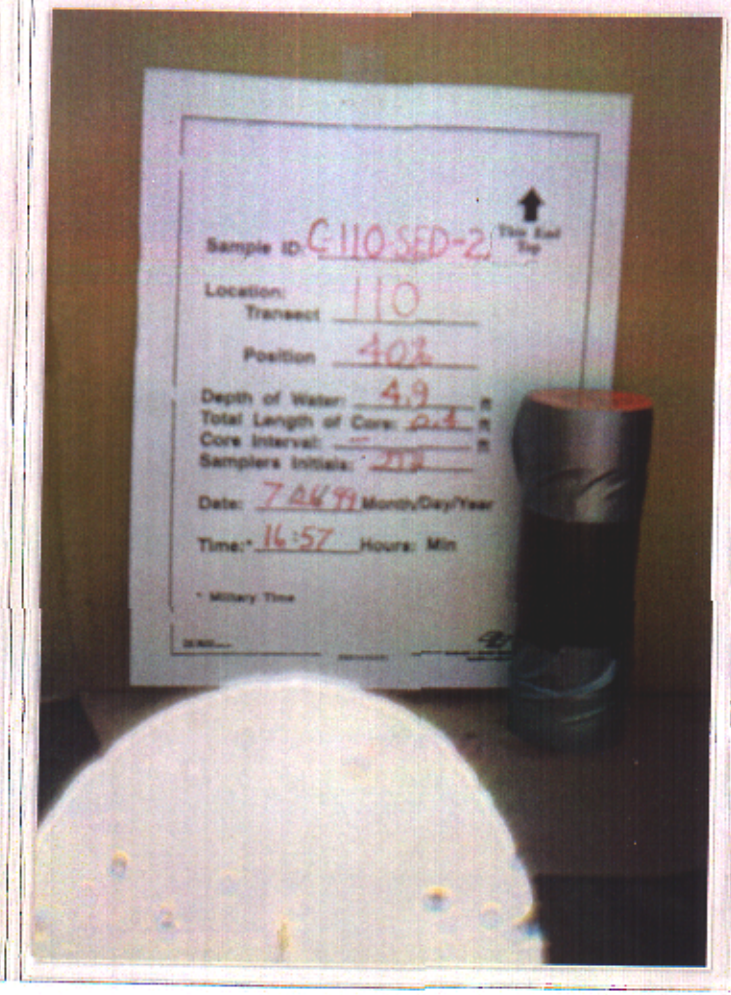


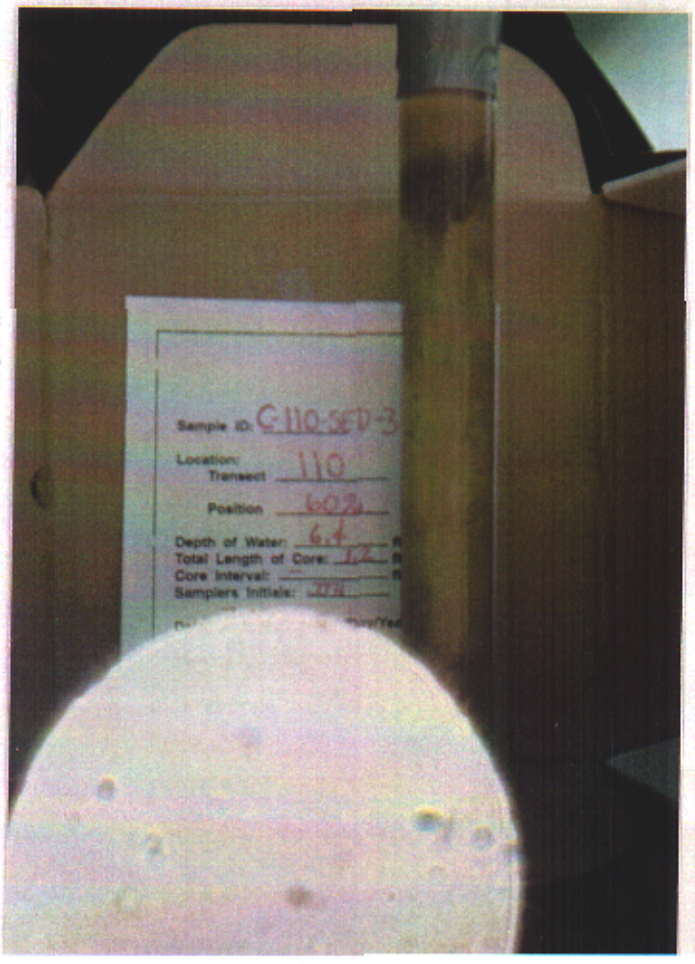
110 LEFT

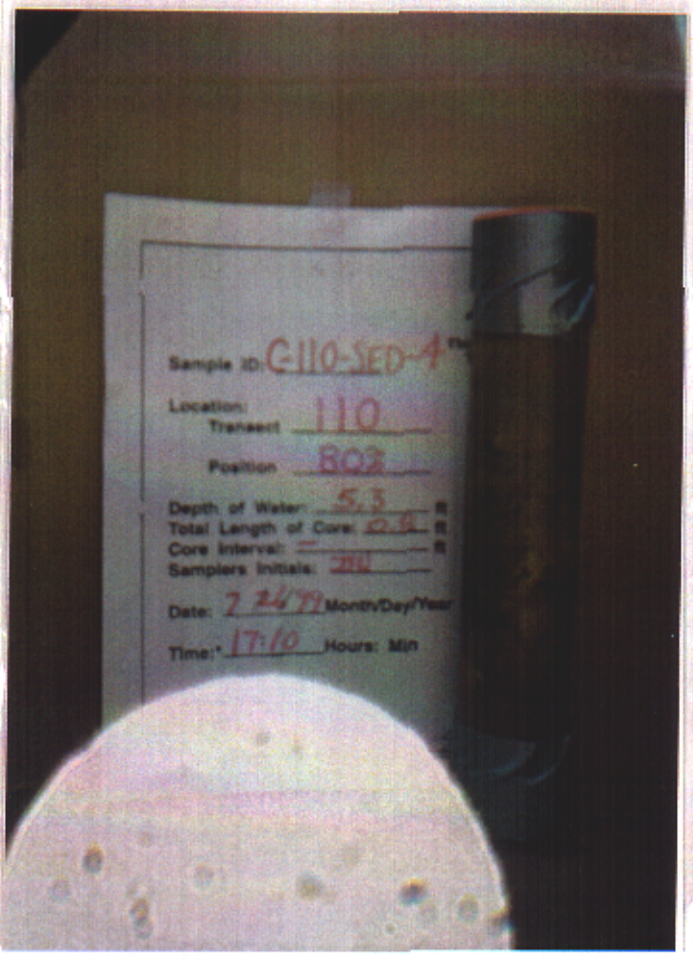


110 RIGHT


Sample ID: C-110-SED-1
This End Up
Location:
Transect 110
Position 20Z
Depth of Water: 3.0 ft
Total Length of Core: 0.2 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/26/99 Month/Day/Year
Time:* 16:59 Hours: Min
* Military Time


Sample ID: C-110-SED-2
This End Up
Location:
Transect 110
Position 40Z
Depth of Water: 4.9 ft
Total Length of Core: 0.3 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/26/99 Month/Day/Year
Time:* 16:57 Hours: Min
* Military Time


Sample ID: C-110-SED-3
Location:
Transect 110
Position 60Z
Depth of Water: 6.4 ft
Total Length of Core: 1.2 ft
Core Interval: — ft
Samplers Initials: JTH


Sample ID: C-110-SED-4
Location:
Transect 110
Position 80Z
Depth of Water: 5.3 ft
Total Length of Core: 0.9 ft
Core Interval: — ft
Samplers Initials: JTH
Date: 7/26/99 Month/Day/Year
Time:* 17:10 Hours: Min

This End Top

Sample ID: C-111-SED-2

Location:

Transect 111

Position 40%

Depth of Water: 3.8 ft

Total Length of Core: 0.7 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 09:17 Hours: Min

* Military Time

0183 DS4-CJH
6450115RN64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-111-SED-3

Location:

Transect 111

Position 60%

Depth of Water: 2.9 ft

Total Length of Core: 0.1 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 09:21 Hours: Min

* Military Time

01/93 D54-DJH
8450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 111

Date 7-27-99 **Time In** 0900 **Time Out** 0950

Total Water Width 100'

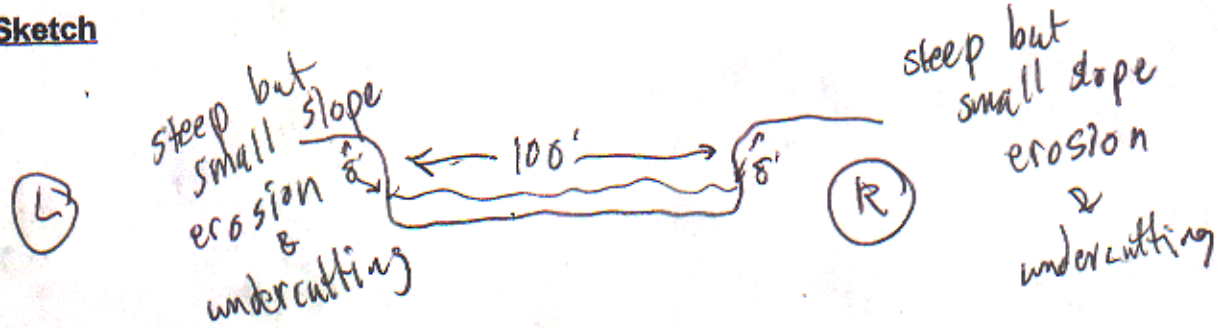
Sample Station	20% (1)	5.1 out 40% (2)	60% (3)	80% (4)
Sample Width	20'	40'	60' ~~2.9~~	80'
Water Column	2'	3.8'	2.9'	4.7'
Sediment Penetrated	–	0.9'	0.3'	–
Sediment Recovered	–	0.7'	0.1'	–
Time	–	09:17	09:21	–
Sample ID	–	C-111-Sed-2	C-111-Sed-3	–
	no sample	~~Small brown~~ F-C sand ~~w/ small rock~~ F-GRAVEL	~~small~~ F-C brown sand	no sample

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

PHOTO#'s 1&2

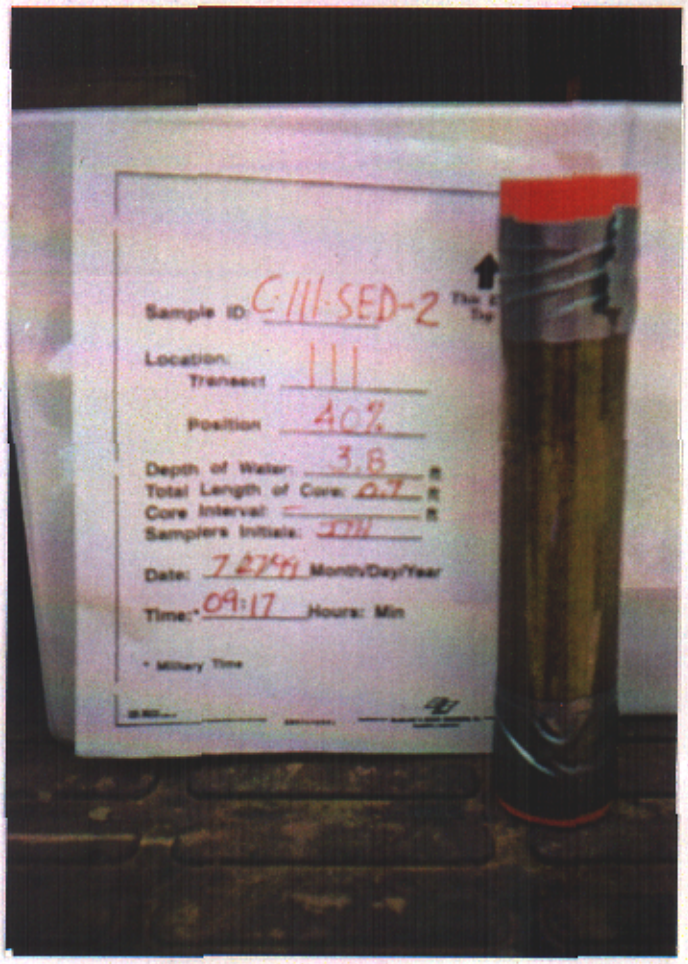
Notes large rock at 20'
20% BEDROCK Bottom @ 15', 20', 25'
80% Bedrock Bottom @ 75', 80', 85'

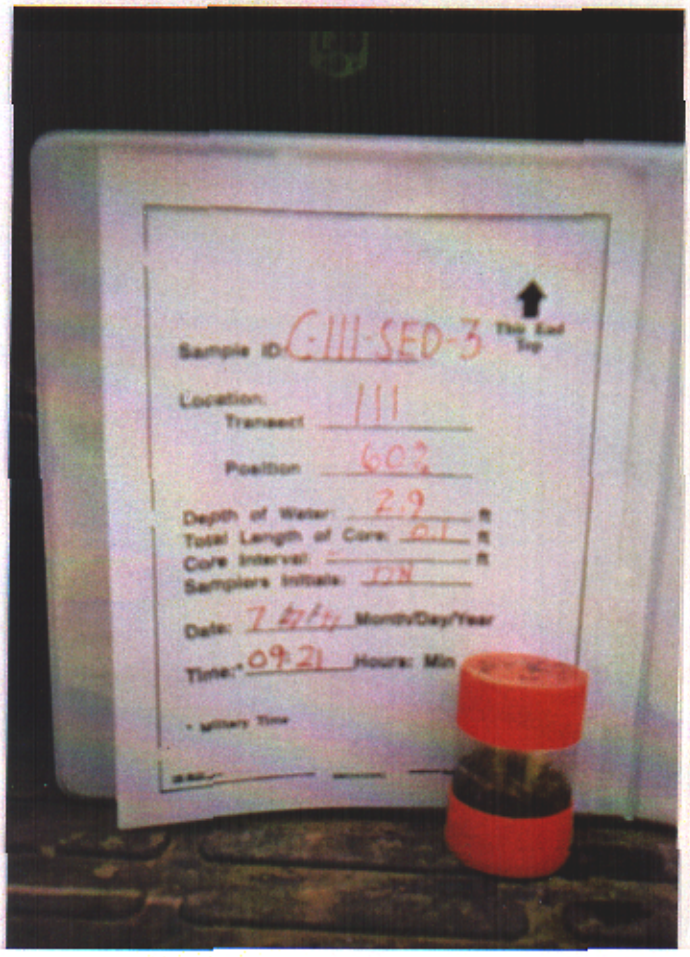
Bank Sketch




111 LEFT


111 RIGHT


Sample ID: C-111-SED-2
This End Up
Location:
Transect 111
Position 40%
Depth of Water: 3.6 ft
Total Length of Core: 0.7 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/27/11 Month/Day/Year
Time:* 09:17 Hours: Min
* Military Time


Sample ID: C-111-SED-3
This End Up
Location:
Transect 111
Position 60%
Depth of Water: 2.9 ft
Total Length of Core: 0.1 ft
Core Interval: — ft
Samplers Initials: JDH
Date: 7/27/11 Month/Day/Year
Time:* 09:21 Hours: Min
* Military Time

This End Top

Sample ID: C-112-SED-1

Location:

Transect 112

Position 20%

Depth of Water: 1.8 ft

Total Length of Core: 0.25 ft

Core Interval: - ft

Samplers Initials: JDN

Date: 7/27/99 Month/Day/Year

Time:* 10:10 Hours: Min

* Military Time

01483 DS4-DJH
645011BN64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: G112-SED-2

Location:

Transect 112

Position 40%

Depth of Water: 2.0 ft

Total Length of Core: 0.3 ft

Core Interval: - ft

Samplers Initials: JJN

Date: 7/27/99 Month/Day/Year

Time:* 10:15 Hours: Min

* Military Time

0483 D64-QJH
645011SR64501p03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-112-SED-3

Location:

Transect 112

Position 60%

Depth of Water: 2.3 ft

Total Length of Core: 0.8 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 10:25 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-112-SED-4

Location:

Transect 112

Position 80%

Depth of Water: 2.9 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JJN

Date: 7/27/99 Month/Day/Year

Time:* 10:35 Hours: Min

* Military Time

01493 D64-DJH
645011SRV64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 112

Date 7/27/09 **Time In** 1000 **Time Out** 1120

Total Water Width 128'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				
Sample Width	0+25.6'	0+51.2'	0+76.8'	0+102.4' 107'
Water Column	1.8'	2.0' 2.35	2.3' 6.8	2.9'
Sediment Penetrated	0.5'	0.55' 4.45	0.8'	0.35'
Sediment Recovered	0.25'	0.3'	0.8'	0.3'
Time	1010	1015	1025	1035
Sample ID	C-112-SED-1 F-M SAND TR SM GRAVEL	C-112-SED-2 F-C SAND + SM GRAVEL	C-112-SED-3 M-C SAND + SM GRAVEL	C-112-SED-4 ~~F~~-M SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+~~30~~ '30'	1.8	0.36 | 1.44	1.13 | 0.78	0.955	51.57
0+~~60~~ '60'	1.8	0.36 | 1.44	0.76 | 0.68	0.720	38.88
0+~~90~~ '90'	2.7	0.54 | 2.16	0.90 | 0.90	0.900	72.90
0+~~120~~ '120'	1.8	0.36 | 1.44	0.65 | 0.29	0.470	32.148
~~0+150~~ '		|	|		
~~0+180~~ '		|	|		
		|	|		
		|	|	0.761	195.498

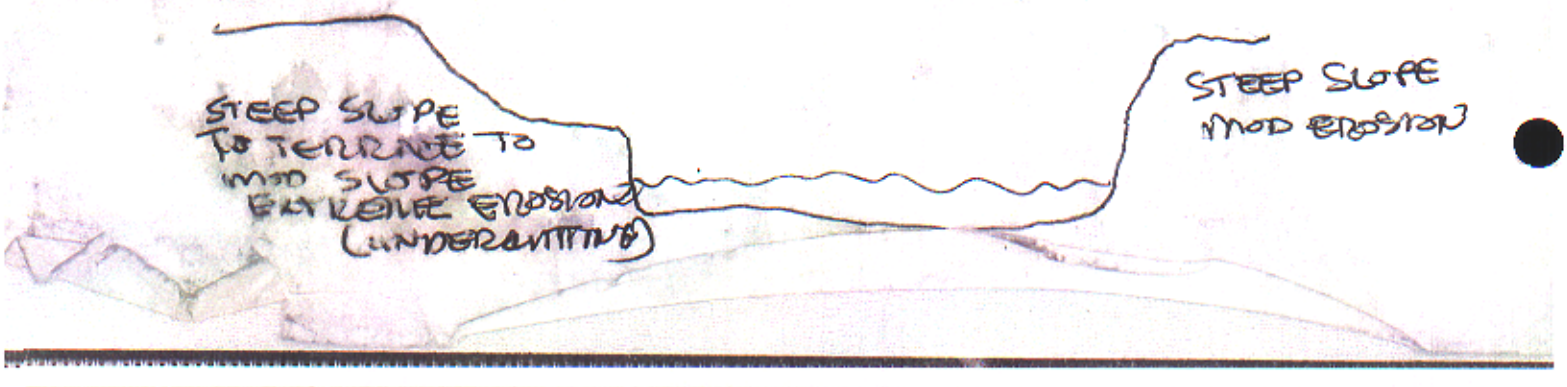
STRAIGHT STRETCH OF CREEK

Notes

PHOTO #3 374

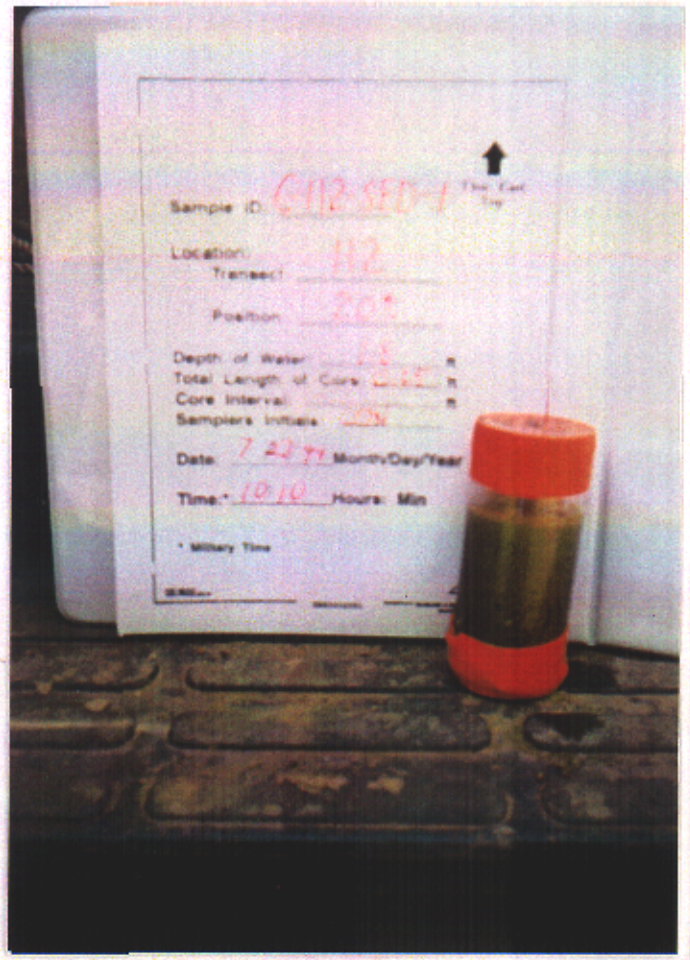
Bank Sketch

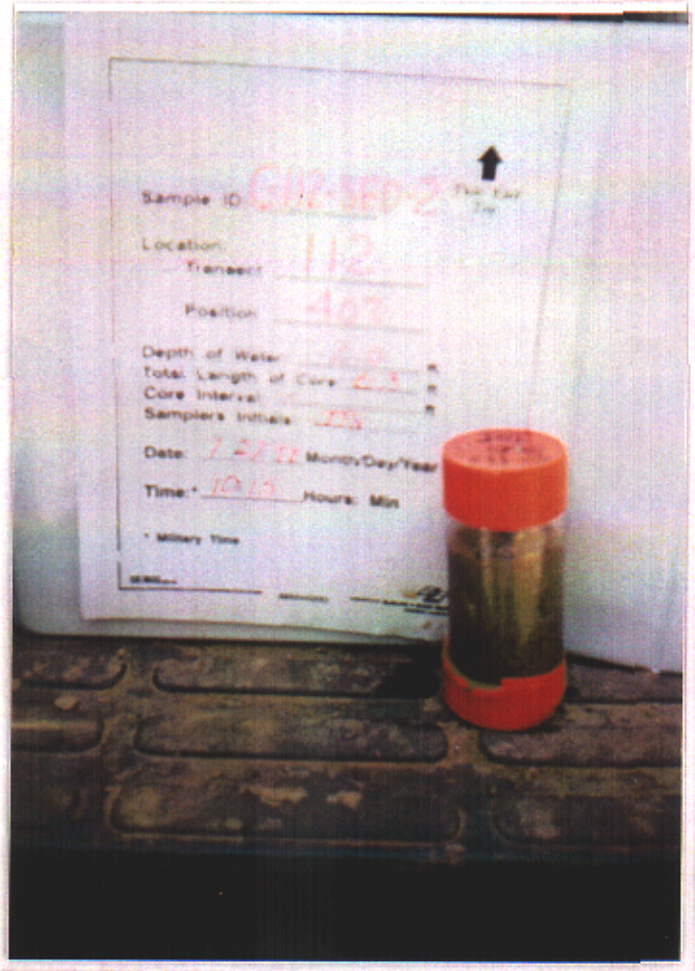
ISLAND JUST DOWNSTREAM OF TRANSECT (GRASS, ROCKS, TREE)

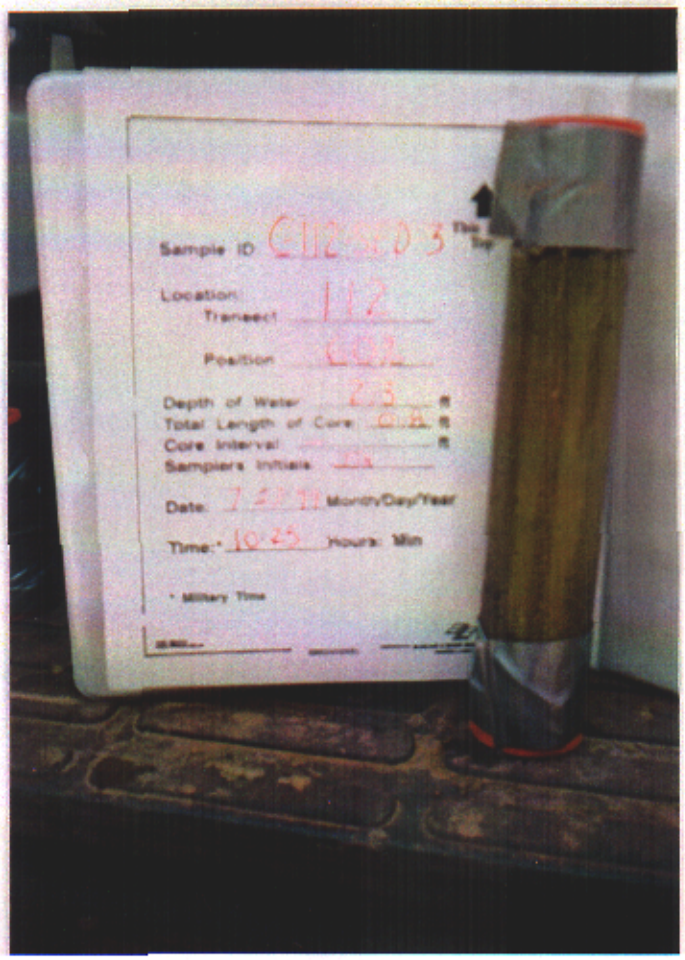


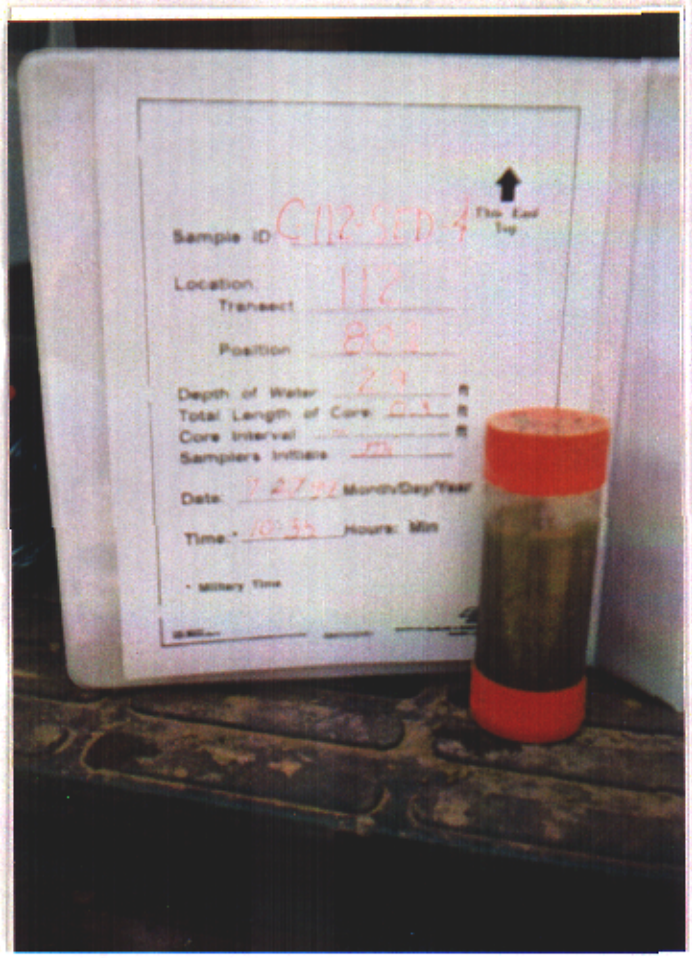

12799
TC LEFT


12799
TC RIGHT


Sample ID: C112-SED-1
Location:
Transect: 112
Position: 203
Depth of Water: 2.8 ft
Total Length of Core: 0.65 ft
Core Interval: ft
Samplers Initials:
Date: 7-22-99 Month/Day/Year
Time:* 10:10 Hours: Min
* Military Time


Sample ID: C112-SED-2
Location:
Transect: 112
Position: 403
Depth of Water: ft
Total Length of Core: 2.3 ft
Core Interval: ft
Samplers Initials:
Date: 7-27-99 Month/Day/Year
Time:* 10:15 Hours: Min
* Military Time


Sample ID: C112-SED-3
Location:
Transect: 112
Position: 602
Depth of Water: 2.3 ft
Total Length of Core: 0.8 ft
Core Interval: ft
Samplers Initials:
Date: 7-27-99 Month/Day/Year
Time:* 10:25 Hours: Min
* Military Time


Sample ID: C112-SED-4
Location:
Transect: 112
Position: 802
Depth of Water: 2.9 ft
Total Length of Core: 0.3 ft
Core Interval: ft
Samplers Initials:
Date: 7-27-99 Month/Day/Year
Time:* 10:35 Hours: Min
* Military Time

This End Top

Sample ID: C-113-SED-1

Location:

Transect 113

Position 20%

Depth of Water: 2.8 ft

Total Length of Core: 0.4 ft

Core Interval: — ft

Samplers Initials: JTH

Date: 7/27/99 Month/Day/Year

Time:* 11:33 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-113-SED-2

Location:

Transect 113

Position 40%

Depth of Water: 2.3 ft

Total Length of Core: 0.45 ft

Core Interval: — ft

Samplers Initials: JJN

Date: 7/27/99 Month/Day/Year

Time:* 11:35 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: G113-SED-3

Location:

Transect 113

Position 60%

Depth of Water: 2.0 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: JDH

Date: 7/27/99 Month/Day/Year

Time:* 11:39 Hours: Min

* Military Time

DMB3 DS4-DJH
645011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-113-SED-4

Location:
Transect 113

Position 80%

Depth of Water: 1.8 ft
Total Length of Core: 0.35 ft
Core Interval: — ft
Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 11:42 Hours: Min

* Military Time

01483 DS4-CJH
645011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number H3

Date 7-27-99 **Time In** 11:20 **Time Out** 1200

Total Water Width 140'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station	3.45 ont	2.85	2.53	
Sample Width	28'	56'	84'	42
Water Column	2.8'	2.3'	2'	1.8
Sediment Penetrated	0.4'	0.5'	0.25'	0.35'
Sediment Recovered	0.4'	0.45'	0.2'	0.35'
Time	11:33	11:35	~~1113~~ 11:39	11:42
Sample ID	C-113-Sed-1 C-F brown sand	C-113-Sed-2 C-M brown sand; shell	C-113-Sed-3 C-F brown sand	C-113-Sed-4 C-F brown sand; small r

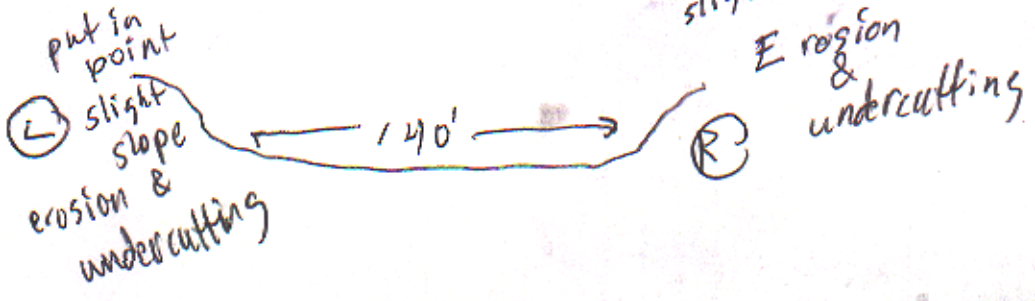
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

(photos 5&6)

Notes

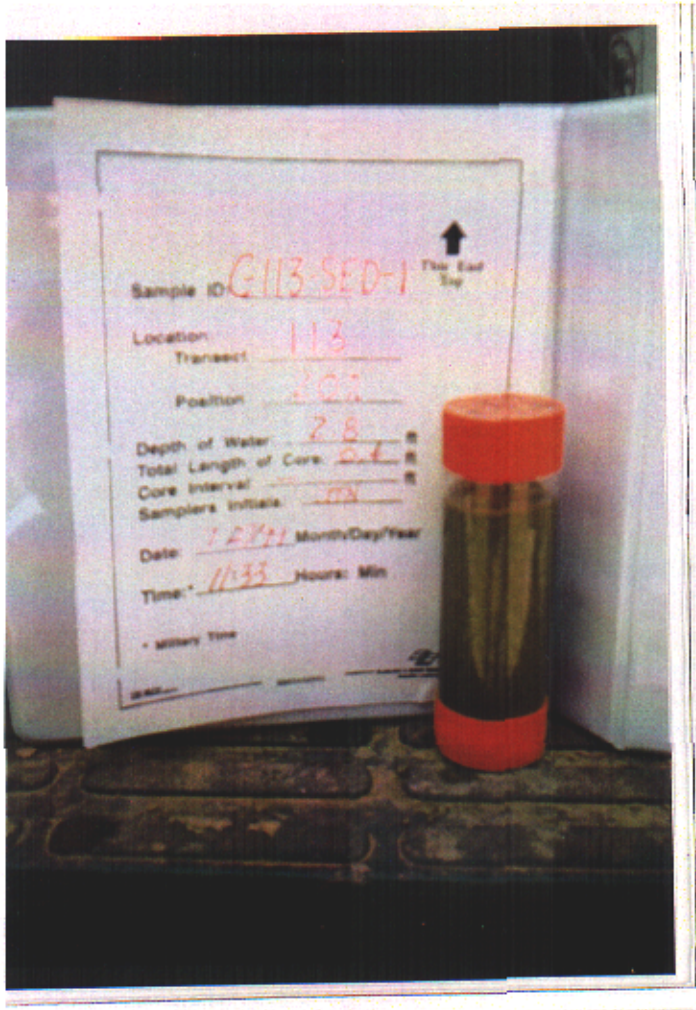
Bank Sketch

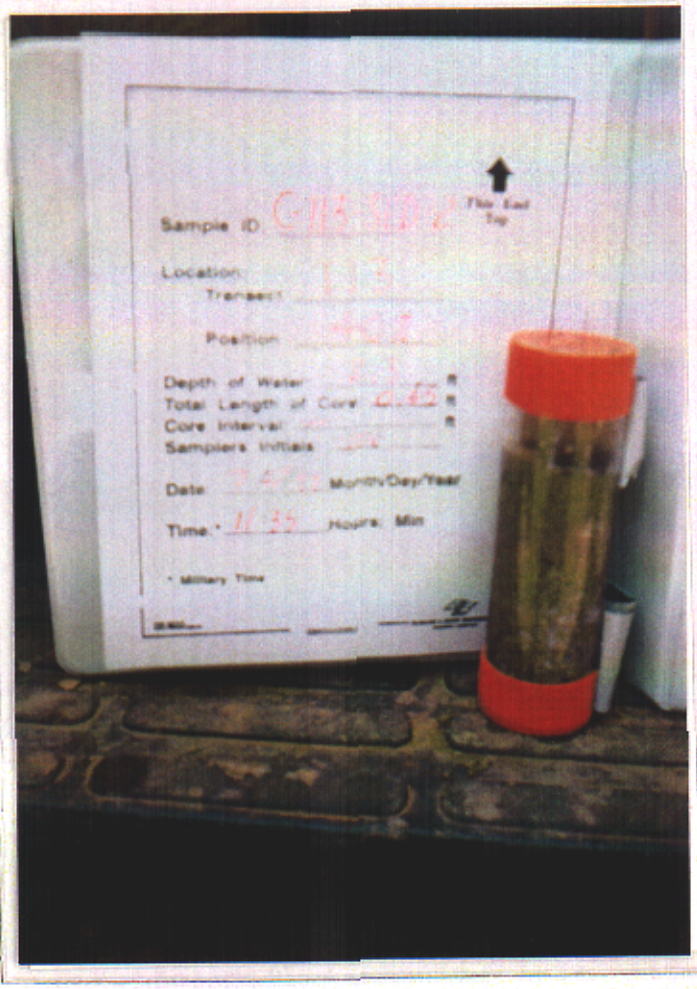
grass island 30' downstream; rock cliff 50' upstream on left

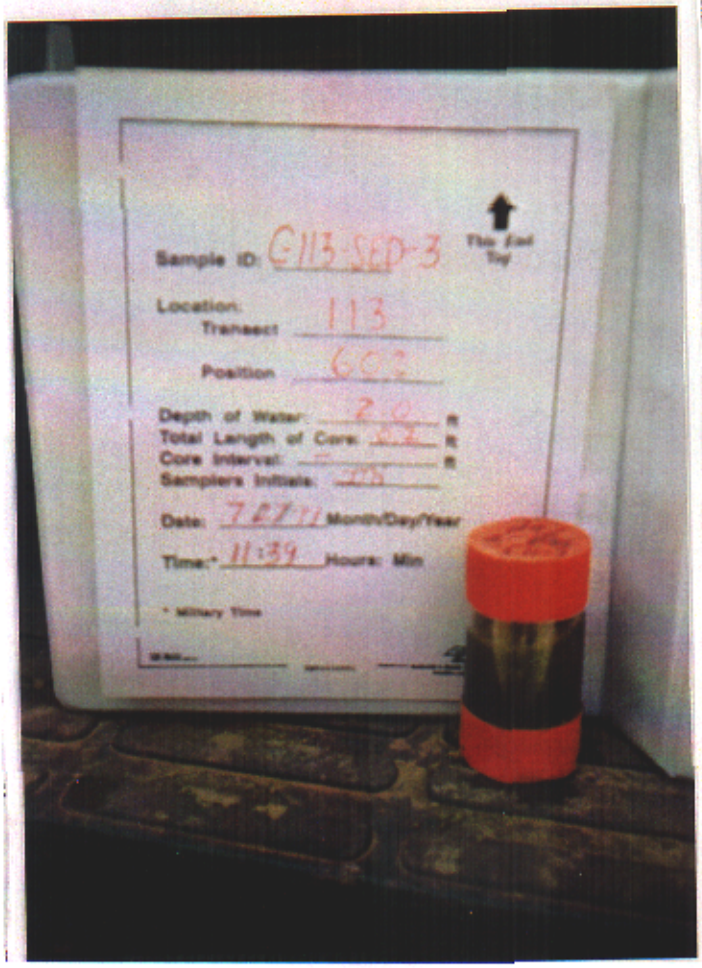


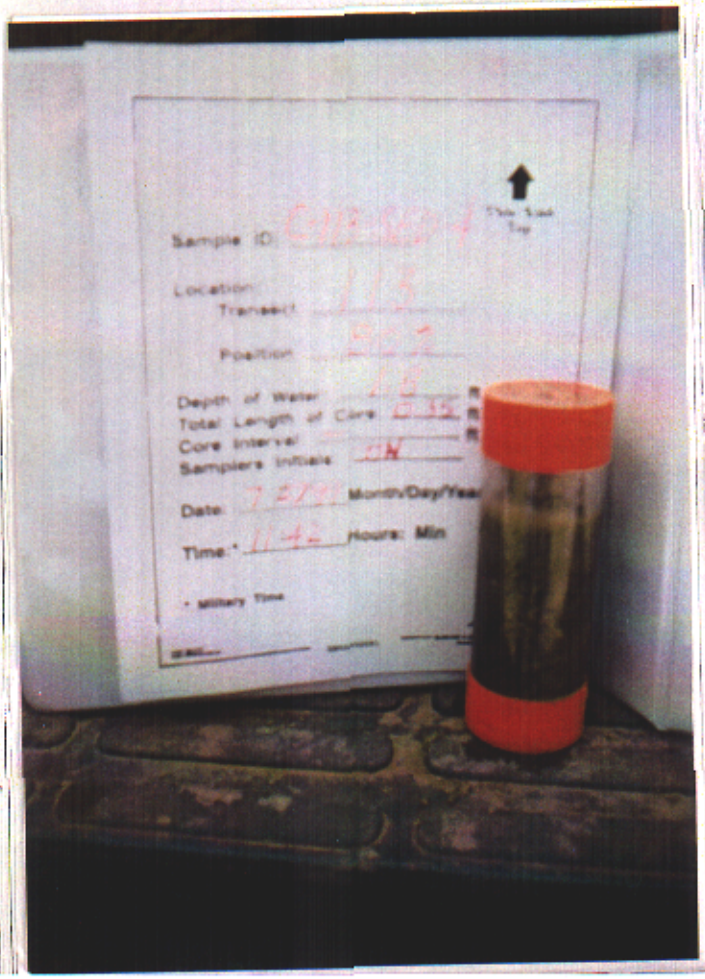

113 LEFT


113 RIGHT


Sample ID: C113-SED-1
This End Up
Location:
Transect 113
Position
Depth of Water 28 ft
Total Length of Core ft
Core Interval ft
Samplers Initials
Date Month/Day/Year
Time:* 11:33 Hours: Min
* Military Time


Sample ID:
This End Up
Location:
Transect
Position
Depth of Water ft
Total Length of Core ft
Core Interval ft
Samplers Initials
Date Month/Day/Year
Time:* 11:35 Hours: Min
* Military Time


Sample ID: C113-SED-3
This End Up
Location:
Transect 113
Position
Depth of Water: 20 ft
Total Length of Core: ft
Core Interval: ft
Samplers Initials:
Date: Month/Day/Year
Time:* 11:39 Hours: Min
* Military Time


Sample ID:
This End Up
Location:
Transect 113
Position
Depth of Water ft
Total Length of Core ft
Core Interval ft
Samplers Initials
Date Month/Day/Year
Time:* 11:42 Hours: Min
* Military Time



This End Top

Sample ID: C-114-SED-1

Location:

Transect 114

Position 20%

Depth of Water: 2.2 ft

Total Length of Core: 0.4 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 12:25 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-114-SED-2

Location:

Transect 114

Position 40%

Depth of Water: 3.3 ft

Total Length of Core: 0.15 ft

Core Interval: – ft

Samplers Initials: JJN

Date: 7/27/99 Month/Day/Year

Time:* 12:34 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-114-SED-3

Location:

Transect 114

Position 60%

Depth of Water: 5.3 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 12:39 Hours: Min

* Military Time

01483 DS4-CJH
84501\SR84501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: G-114-SED-4

Location:

Transect 114

Position 80%

Depth of Water: 3.3 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 12:43 Hours: Min

* Military Time

0483 DS4-DJH
645011SR64501@03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 114

Date 7/27/99 **Time In** 1210 **Time Out** ~~1110~~ 13:10

Total Water Width 95'

Sample Station	20% (1)		40% (2)		60% (3)		80% (4)
Sample Width	0+19'		~~0+38'~~	6.4'	0+57'	6.15	~~0+76'~~ 81'
Water Column	2.2'	6.0	3.3'		5.3'		~~3.9'~~ 3.3'
Sediment Penetrated	0.45'		0.25'		0.55'		0.55'
Sediment Recovered	0.40'		0.15'		0.25'		0.5'
Time	1225		1234		12:39		12:43
Sample ID	C-114-SED-1 SILT + ORGANICS TO F-M SAND SOME ORGANICS		C-114-Sed-2 w/silt to F-S sand organics		w/ S-M gravel C-114-Sed-3 m-c sand trace silt ~~F-S~~ ~~sand~~ brown organics		S-114-Sed-4 w/F-C sand S. gravel trace silt w/ organic.

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

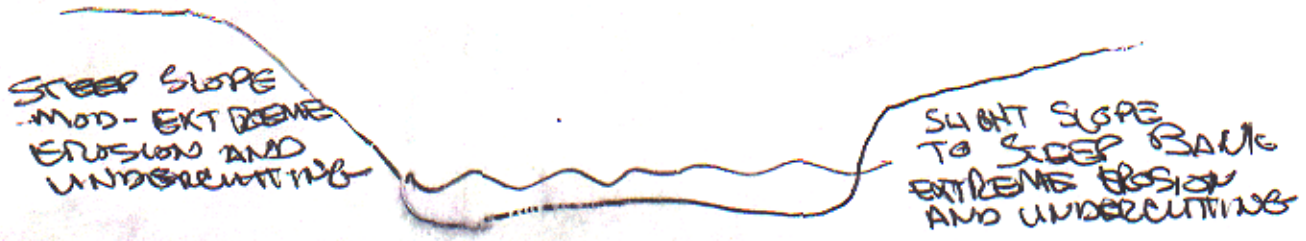
NO VELOCITIES

± 100' DOWNSTREAM FROM BEND - OUTCROPPINGS OF BEDROCK ON LEFT SIDE ± 50' UPSTREAM

Notes

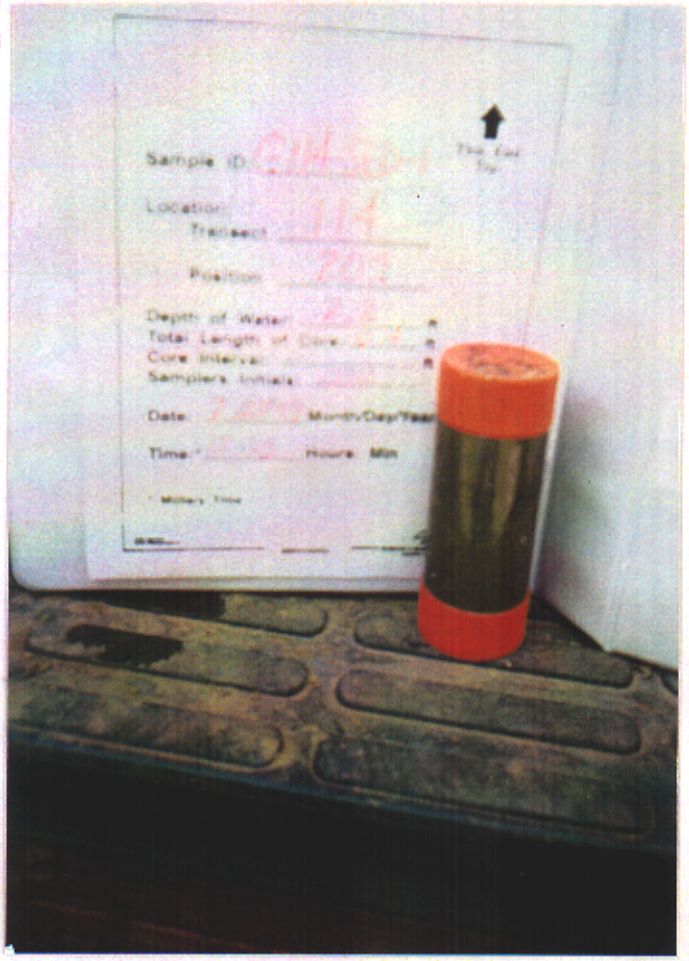
Photos 7 & 8

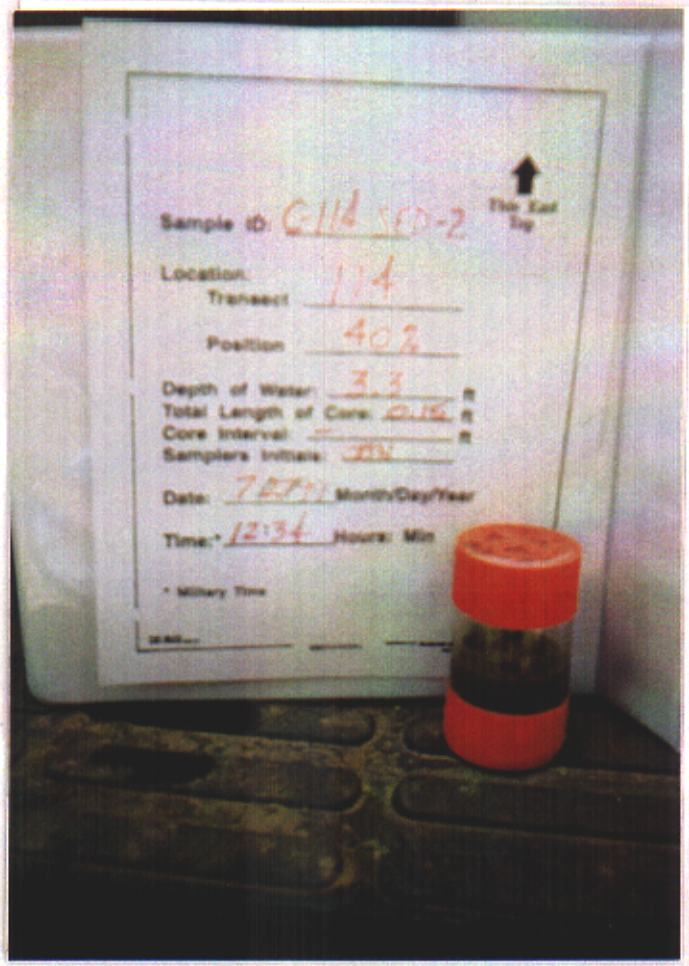
Bank Sketch

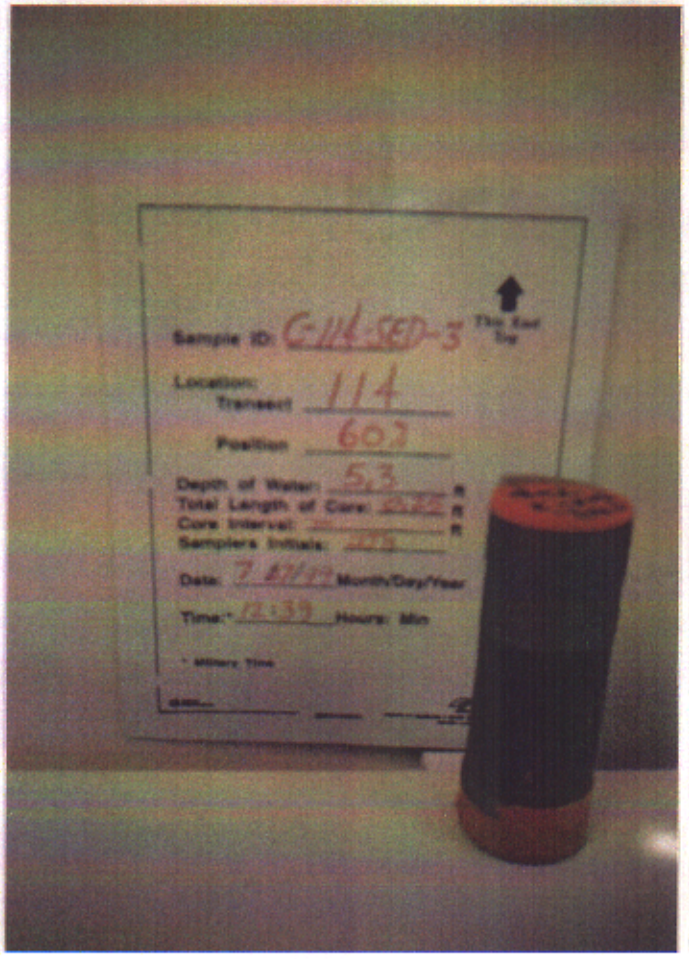


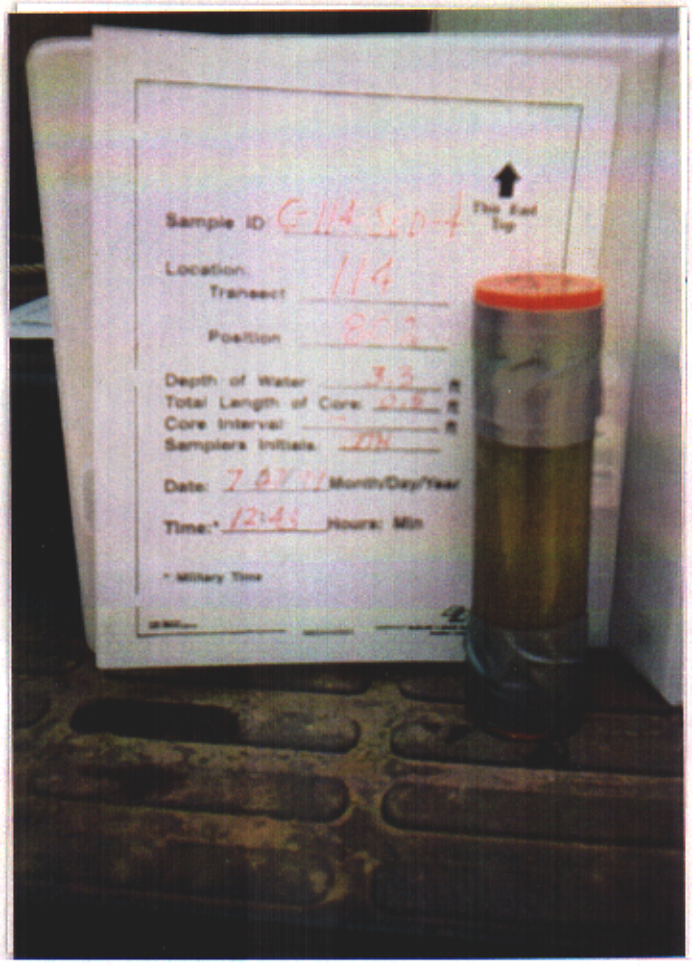

1/4 LEFT
7 27 '98


1/4 RIGHT


Sample ID:
This East Top
Location:
Transect
Position
Depth of Water:
Total Length of Core:
Core Interval:
Samplers Initials:
Date:
Month/Day/Year
Time:*
Hours: Min
* Military Time


Sample ID: G-114 SED-2
This East Top
Location:
Transect 114
Position 402
Depth of Water: 3.3 ft
Total Length of Core: 0.16 ft
Core Interval: ft
Samplers Initials: JDS
Date: 7 27 11 Month/Day/Year
Time:* 12:34 Hours: Min
* Military Time


Sample ID: G-114-SED-3
This East Top
Location:
Transect 114
Position 603
Depth of Water: 5.3 ft
Total Length of Core: 0.25 ft
Core Interval: ft
Samplers Initials: JDS
Date: 7 27 11 Month/Day/Year
Time:* 12:39 Hours: Min
* Military Time


Sample ID: G-114-SED-4
This East Top
Location:
Transect 114
Position 804
Depth of Water: 3.2 ft
Total Length of Core: 0.3 ft
Core Interval: ft
Samplers Initials: JDS
Date: 7 27 11 Month/Day/Year
Time:* 12:45 Hours: Min
* Military Time

This End Top

Sample ID: G115-SED-1

Location:

Transect 115

Position 20%

Depth of Water: 3.2 ft

Total Length of Core: 0.4 ft

Core Interval: - ft

Samplers Initials: JDH

Date: 7/27/99 Month/Day/Year

Time:* 13:30 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-115-SED-2

Location:

Transect 115

Position 40%

Depth of Water: 4.5 ft

Total Length of Core: 0.1 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 13:35 Hours: Min

* Military Time

01/93 D64-DJH
645011SR/64501003.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number LLS

Date 7-27-99 **Time In** 13:24 **Time Out** 14:43

Total Water Width 100'

Sample Station	5.65 **20% (1)**	5.75 **40% (2)**	**60% (3)**	**80% (4)**
Sample Width	~~20'~~ 15'	40'	~~60'~~ 65'	~~80~~ ~~85~~ 7
Water Column	~~3.4'~~ 3.2'	4.5'	~~5.0~~ 4.9'	5.5
Sediment Penetrated	-0.45'	0.1	—	—
Sediment Recovered	-0.4'	0.1	—	—
Time	~~1:27~~ 1:30	1:35	—	—
Sample ID	C-115-Sed-1 ~~1:30~~	C-115-Sed-2	C-	—
	F-C small sand ~~w/~~ w/ org/silt ~~sample~~	C-F sand ~~&~~ : silt : organics	~~F-C sand~~ no ~~trace silt~~ sample	no sample

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Notes

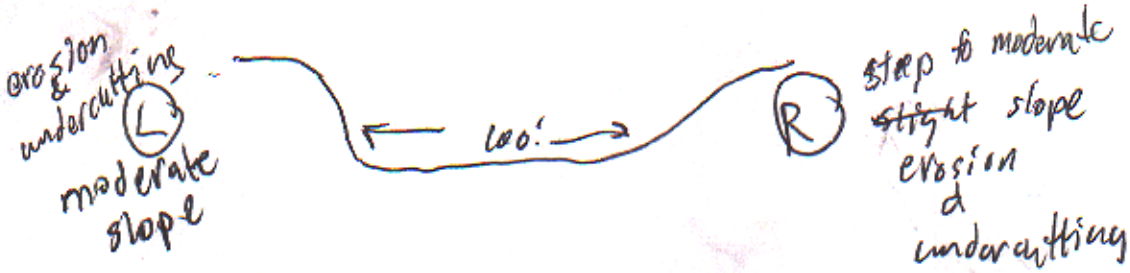
photos 9 & 10

60% rock bottom 55', 60', 65'

80% rock bottom ~~@~~ 75', 80', 85'

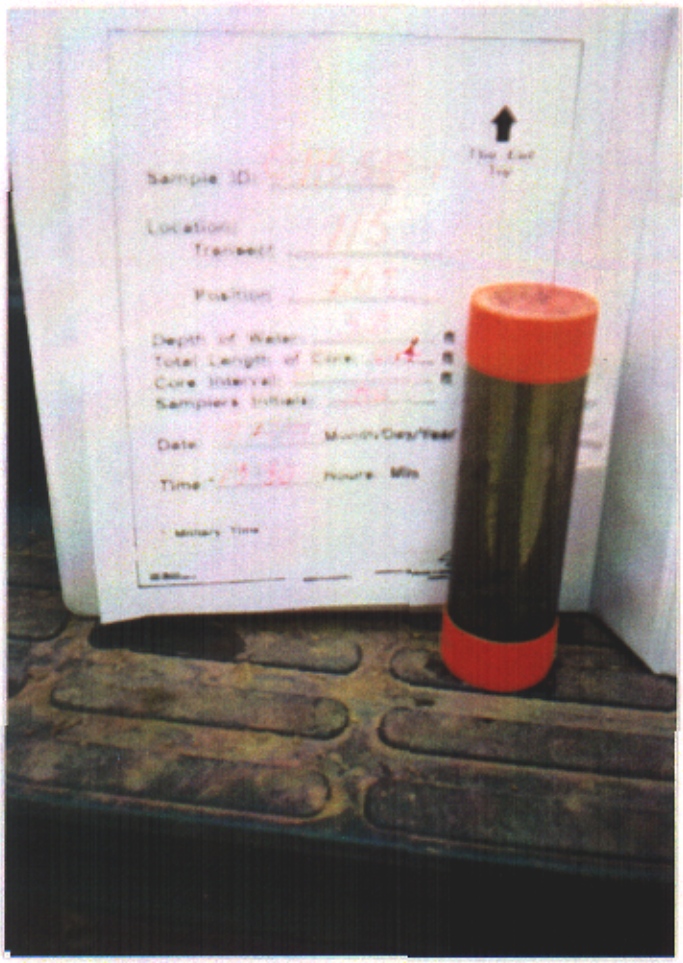
Bank Sketch

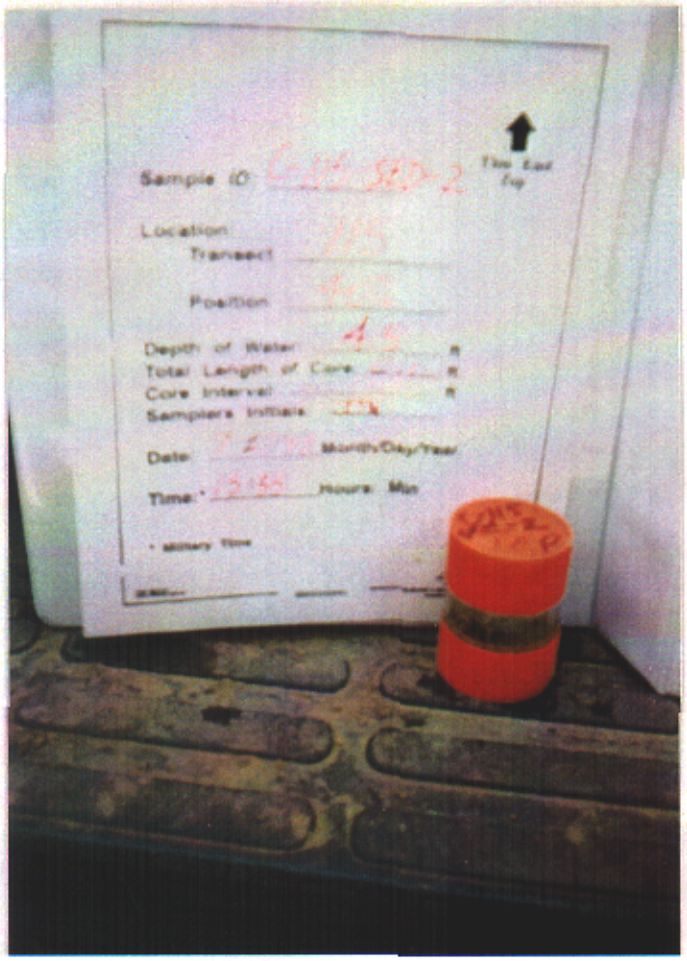
straight stretch large grassy island 150' upstream




115 LEFT


115 RIGHT


Sample ID:
Location:
Transect
Position
Depth of Water
Total Length of Core
Core Interval
Samplers Initials
Date
Month/Day/Year
Time
Hours Min
- Military Time


Sample ID:
Location
Transect
Position
Depth of Water
Total Length of Core
Core Interval
Samplers Initials
Date
Month/Day/Year
Time
Hours Min
- Military Time

This End Top

Sample ID: C-116-SED-4

Location:

Transect 116

Position 80%

Depth of Water: 6.0 ft

Total Length of Core: 0.4 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/27/99 Month/Day/Year

Time:* 15:07 Hours: Min

* Military Time

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6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number ~~116~~ 116

Date 7-27-99 **Time In** 14:58 **Time Out** 15:38

Total Water Width 85'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	22' ~~17'~~ 12'	34'	51'	7 out 6' 68'
Water Column	~~7.3'~~ 6'	7.3'	6.1'	6.0'
Sediment Penetrated	—	—	—	0.5'
Sediment Recovered	—	—	—	0.4'
Time	—	—	—	~~5~~ 15:07
Sample ID	—	—	—	C-116-Sed-4
	no sample	no sample	no sample	F - on sand Silty Sand trace silt organic

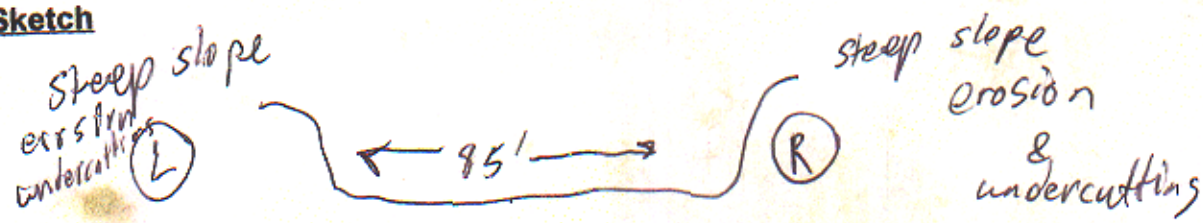
Station	Total Depth	Depth .2	Depth .6	Depth .8	Velocity .2	Velocity .6	Velocity .8	Average Velocity	Flow
20'	5.9'	1.18		4.72	0.53		0.32	0.425	50.15
40	7.1	1.42		5.68	0.52		0.35	0.435	61.77
60	6.4	1.28		5.12	0.58		0.52	0.550	158.40
								0.470	270.32

bedrock on right bank : straight stretch
outcropping

Notes

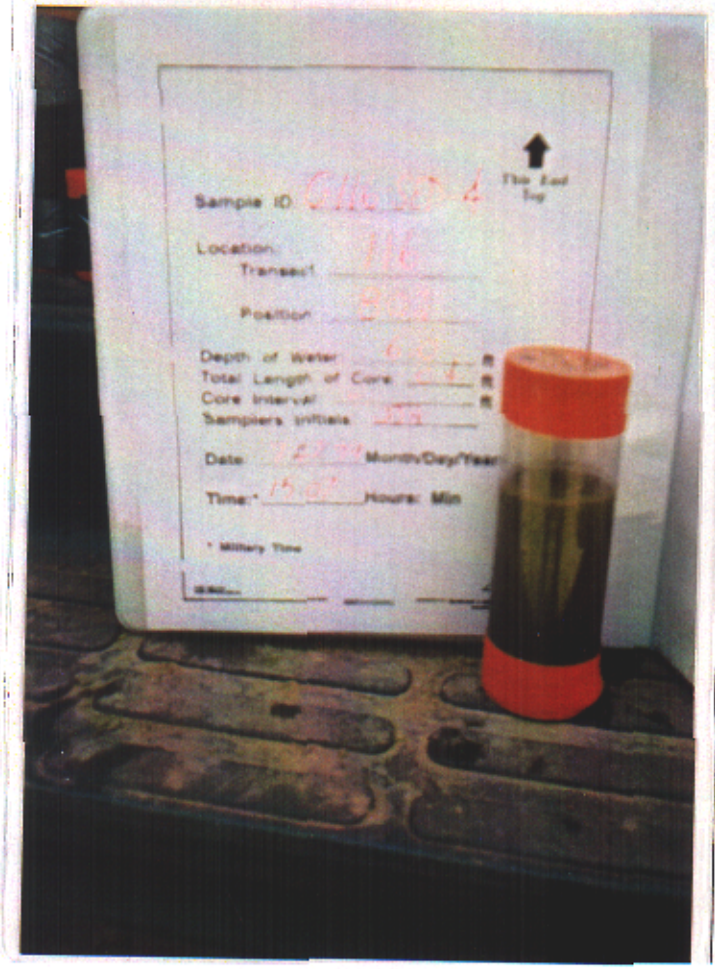
Photos 11 & 12
20% bedrock @ 12', 17', 22'
40% bedrock @ 27, 34', 39'
60% bedrock @ 46, 51, 56'

Bank Sketch






116 RIGHT


This End Up
Sample ID:
Location:
Transect
Position
Depth of Water
Total Length of Core
Core Interval
Samplers Initials
Date:
Month/Day/Year
Time:*
Hours: Min
* Military Time

Sample ID: C-117-SED-1

This End Top

Location:

Transect 117

Position 20%

Depth of Water: 2.2 ft

Total Length of Core: 1.4 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 09:35 Hours: Min

* Military Time

0483 DS4-DJH
845011BN64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Sample ID: C-117-SED-2

This End Top

Location:

Transect 117

Position 40%

Depth of Water: 2.1 ft

Total Length of Core: 0.4 ft

Core Interval: _____ ft

Samplers Initials: JJN

Date: 7/28/99 Month/Day/Year

Time:* 09:40 Hours: Min

* Military Time

01483 DS4-DJH
645011ERM64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-117-SED-3

Location:

Transect 117

Position 60%

Depth of Water: 1.9 ft

Total Length of Core: 0.45 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 09:45 Hours: Min

* Military Time

01/93 D64-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Sample ID: G-117-SED-A

This End Top

Location:

Transect 117

Position 80%

Depth of Water: 2.2 ft

Total Length of Core: 0.65 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 09:50 Hours: Min

* Military Time

01483 DS4-CJH
845011BN64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 117

Date 7/28/99 **Time In** 0925 **Time Out** 1012

Total Water Width 120'

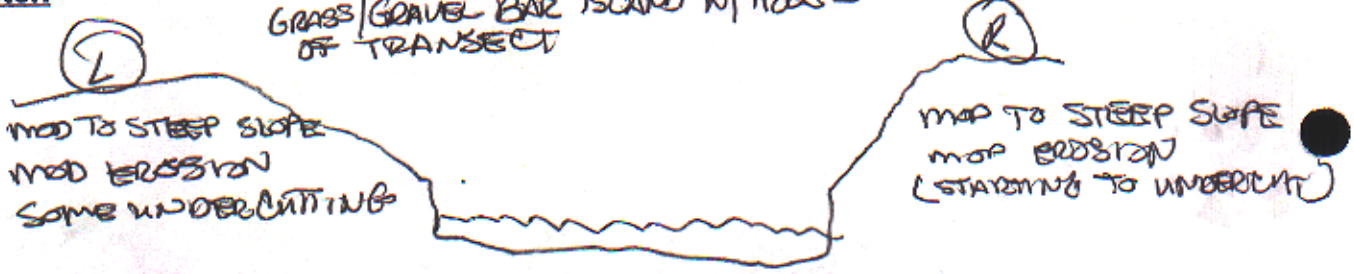
Sample Station		**20% (1)**		**40% (2)**		**60% (3)**	**80% (4)**
Sample Width		0.24'	4.9'	0.48'	4.3	0.72'	3.7' 0.96'
Water Column	2.3'	2.2'		2.1'		1.9'	2.2'
Sediment Penetrated		1.90'		0.4'		0.5'	0.65'
Sediment Recovered		1.40'		0.4'		0.45'	0.65'
Time		0935		0940		0945	0950
Sample ID		C-117-SED-1 BROWN FINE SAND TO SANDY CLAY		C-117-SED-2 M-C SAND + SM MED GRAVEL		C-117-SED-3 F-C SAND + SM GRAVEL	C-117-SED-4 F-C SAND + SM-LG GRAVEL

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
	NO VELOCITIES				

PHOTOS #S 13+14

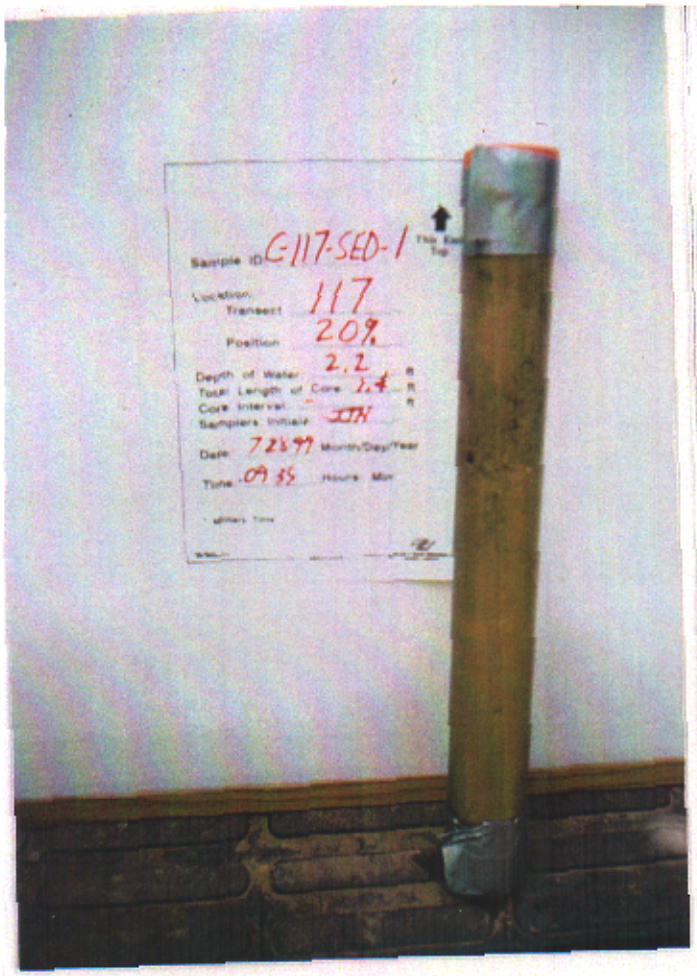
Notes
80% ROCK/GRAVEL BOTTOM @ 96'

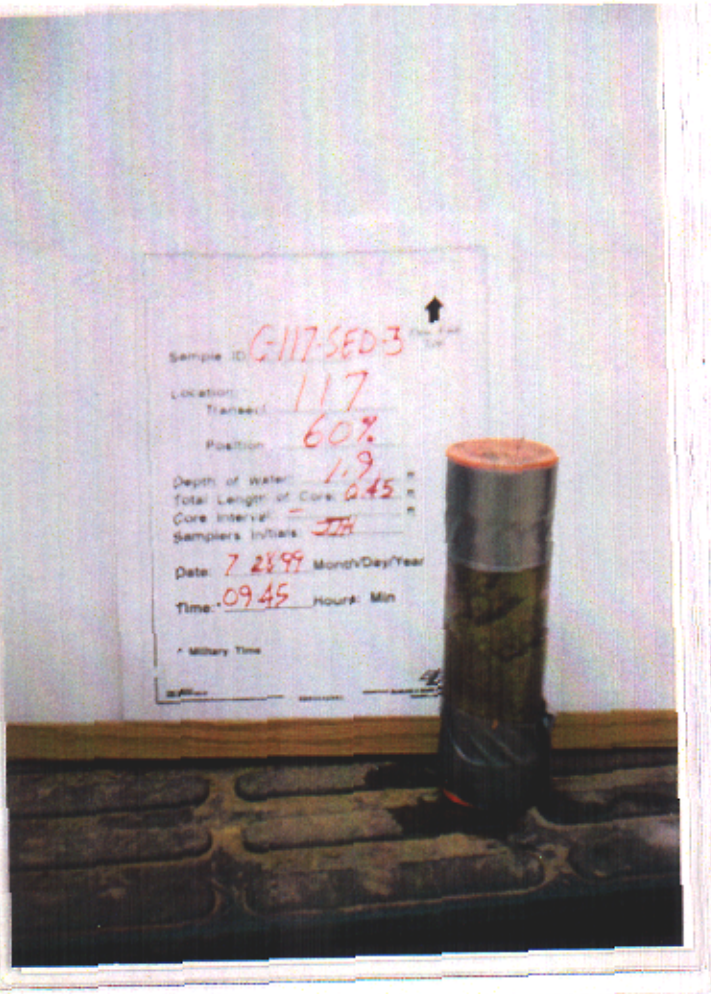
Bank Sketch

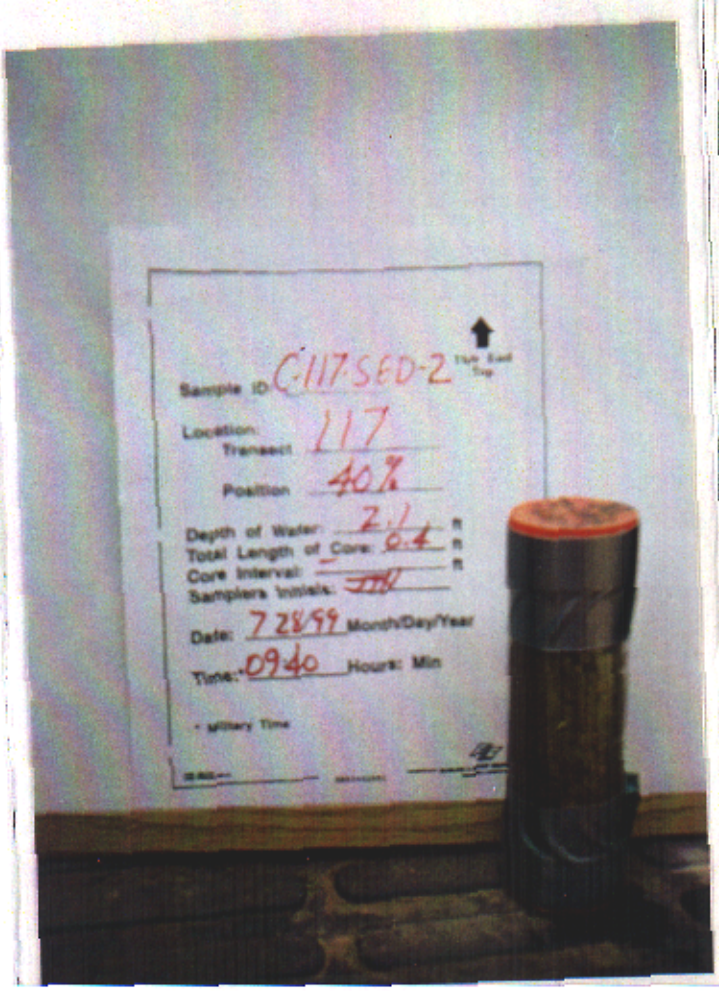


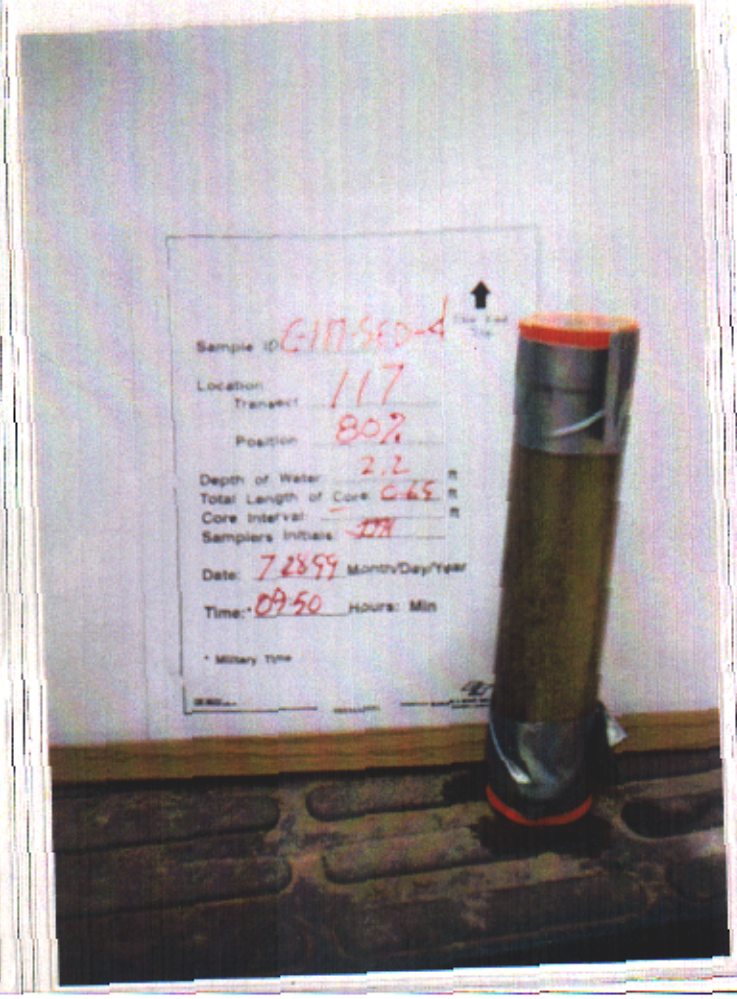

117 LEFT


7 28 '99


Sample ID: C-117-SED-1
Location:
Transect 117
Position 20%
Depth of Water 2.2 ft
Total Length of Core 1.4 ft
Core Interval - ft
Samplers Initials JDH
Date 7 28 99 Month/Day/Year
Time: 09 35 Hours: Min
* Military Time


Sample ID: C-117-SED-3
Location:
Transect 117
Position 60%
Depth of Water 1.9 ft
Total Length of Core 0.45 ft
Core Interval - ft
Samplers Initials JDH
Date 7 28 99 Month/Day/Year
Time: 09 45 Hours: Min
* Military Time


Sample ID: C-117-SED-2
Location:
Transect 117
Position 40%
Depth of Water 2.1 ft
Total Length of Core 0.4 ft
Core Interval - ft
Samplers Initials JDH
Date 7 28 99 Month/Day/Year
Time: 09 40 Hours: Min
* Military Time


Sample ID: C-117-SED-4
Location:
Transect 117
Position 80%
Depth of Water 2.2 ft
Total Length of Core 0.65 ft
Core Interval - ft
Samplers Initials JDH
Date 7 28 99 Month/Day/Year
Time: 09 50 Hours: Min
* Military Time

This End Top



Sample ID: C-118-SED-1

Location:

Transect 118

Position 20%

Depth of Water: 4.4 ft

Total Length of Core: 0.7 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 10:31 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/54501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-118-SED-3

Location:

Transect 118

Position 60%

Depth of Water: 5.7 ft

Total Length of Core: 0.15 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 10:41 Hours: Min

* Military Time

01/93 D54-OJH
645011SR/645011g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-118-SED-4

Location:

Transect 118

Position 80%

Depth of Water: 5.5 ft

Total Length of Core: 0.34 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 10:46 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 118

Date 7/28/99 **Time In** 1020 **Time Out** 1100

Total Water Width 100

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				
Sample Width	~~20~~ 25'	40'	60'	~~80~~ 85
Water Column	~~3.6~~ 4.4	6.0	5.7	~~7.7~~ 5.5
Sediment Penetrated	1.05		.25	.45
Sediment Recovered	.7		.15	.34
Time	1031		1041	1046
Sample ID	C-118-SED-1 Fine Sand Clay Mix w/organics	NO SAMPLE	C-118-SED-3 Fine to med sand some organics	C-118-SED-4 Dark brn Fine to med sand some organics

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photo 15 : 16

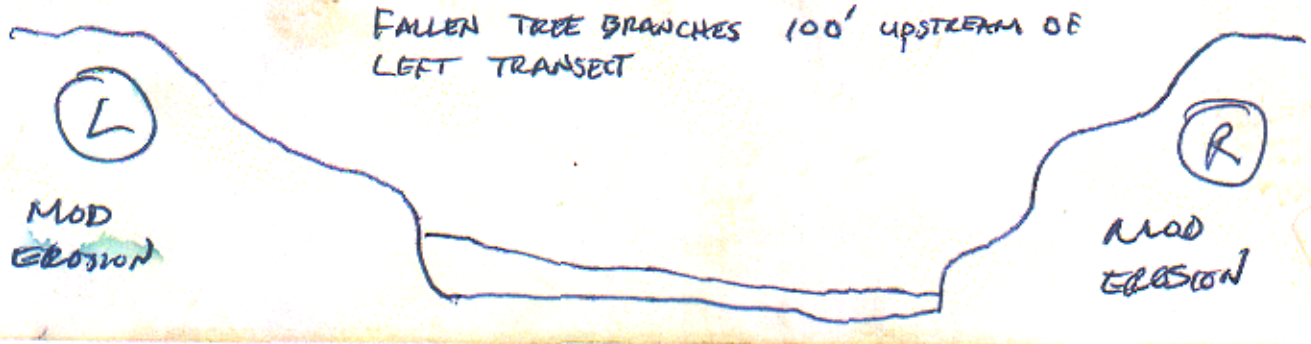
Notes

20% - 20' shift to 25

40% - 40' shift to 35' and 45' - ROCKS

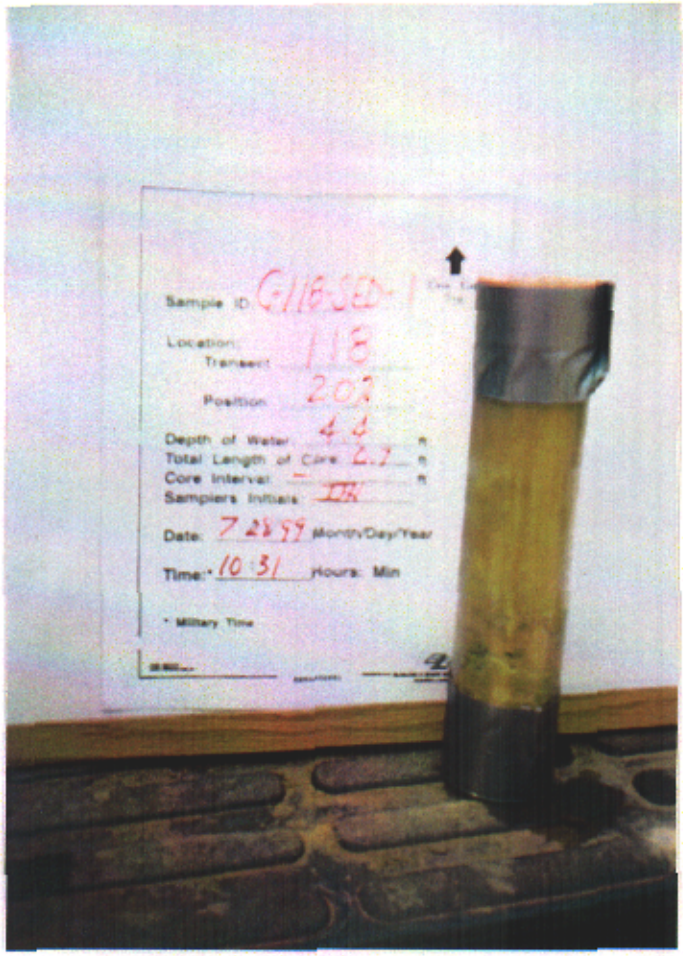
80% - 80 shift to 85'

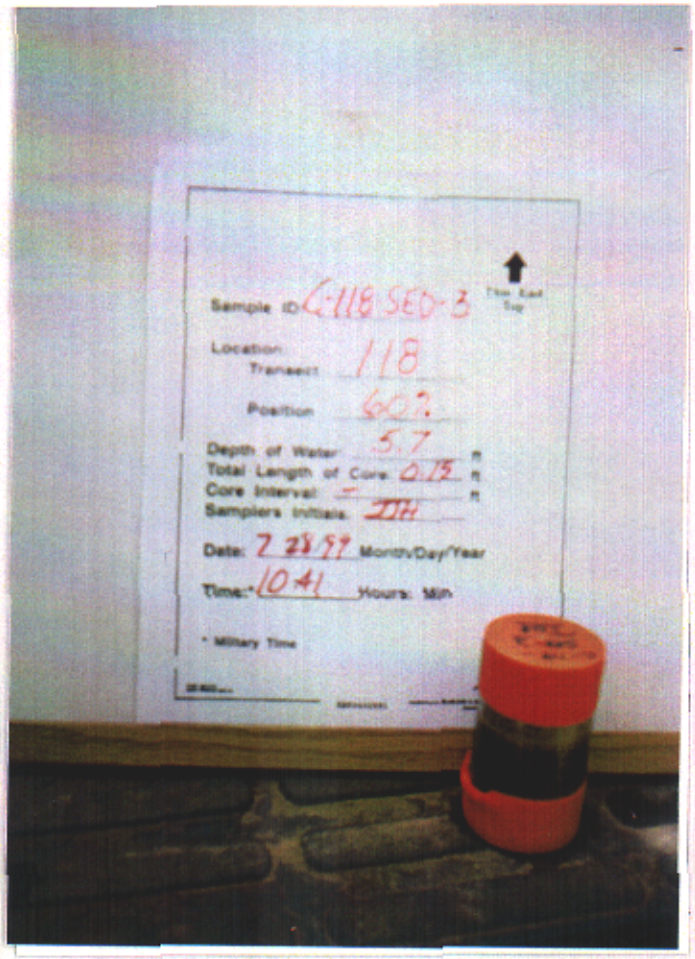
Bank Sketch

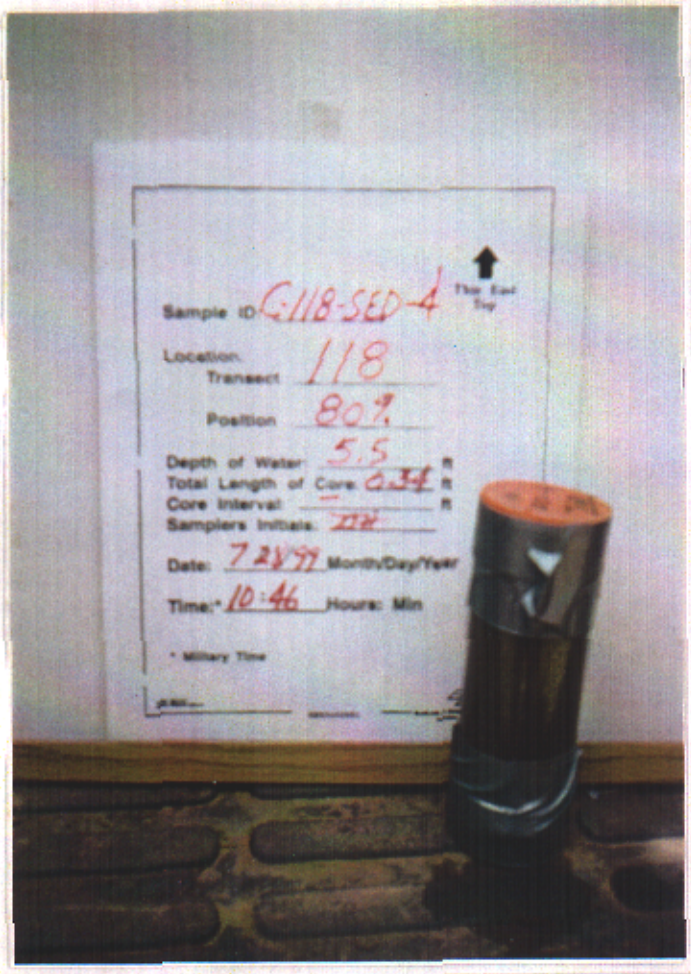



HB LEFT
7 28 99


HB RIGHT
7 28 99


Sample ID: G-118-SED-1
Location:
Transect 118
Position 202
Depth of Water 4.4 ft
Total Length of Core 2.7 ft
Core Interval — ft
Samplers Initials JDH
Date: 7 28 99 Month/Day/Year
Time:* 10 31 Hours: Min
* Military Time


Sample ID: G-118 SED-3
Location:
Transect 118
Position 602
Depth of Water 5.7 ft
Total Length of Core 0.75 ft
Core Interval — ft
Samplers Initials JDH
Date: 7 28 99 Month/Day/Year
Time:* 10 41 Hours: Min
* Military Time


Sample ID: G-118-SED-4
Location:
Transect 118
Position 802
Depth of Water 5.5 ft
Total Length of Core 0.34 ft
Core Interval — ft
Samplers Initials JDH
Date: 7 28 99 Month/Day/Year
Time:* 10 46 Hours: Min
* Military Time

This End Top

Sample ID: C-119-SED-1

Location:

Transect 119

Position 20%

Depth of Water: 5.5 ft

Total Length of Core: 0.35 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 11:25 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-119-SED-2

Location:

Transect 119

Position 40%

Depth of Water: 5.1 ft

Total Length of Core: 0.15 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 11:30 Hours: Min

* Military Time

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6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-119-SED-3

Location:

Transect 119

Position 60%

Depth of Water: 4.4 ft

Total Length of Core: 0.55 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 11:40 Hours: Min

* Military Time

01/93 D64-OJH
645011SR/64501g03.cdr

KB53402951

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This End Top

Sample ID: C-119-SED-4

Location:

Transect 119

Position 80%

Depth of Water: 8.1 ft

Total Length of Core: 0.55 ft

Core Interval: - ft

Samplers Initials: JFH

Date: 7/28/99 Month/Day/Year

Time:* 11:55 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 119

Date 7/28/99 **Time In** 1110 **Time Out** 1217

Total Water Width 105'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+21'	0+~~42~~' 47'	0+63 58'	~~0+84~~' 89'
Water Column	6.9 5.5'	6.55' ~~5.1~~' 5.1	5.95 ~~6.25~~ ~~4.6~~' 4.4	10.65 8.1
Sediment Penetrated	0.35'	0.3'	0.55'	0.95
Sediment Recovered	0.35'	0.15'	0.55'	0.55
Time	1125	1130	1140	1155
Sample ID	C-119-SED-1 M-C SAND + SM GRAVEL	C-119-SED-2 F-M SAND + SM GRAVEL	C-119-SED-3 F-C SAND + SM-LG GRAVEL	C-119-SED-4 F SAND, SOME ORGANICS, TR SILT + SM GRAVE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTO #'s 17+18

Notes

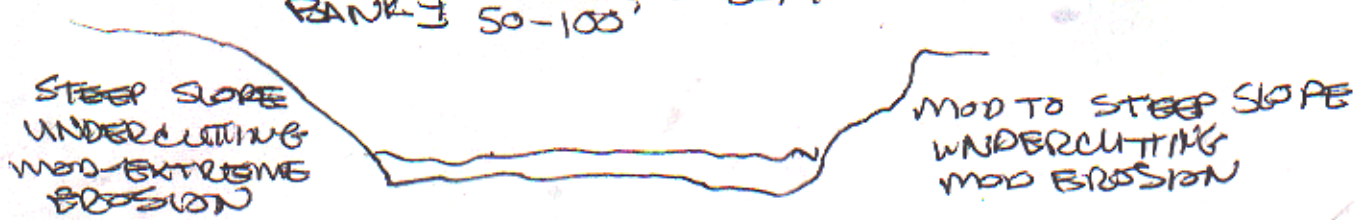
40% BEDROCK BOTTOM @ 42', ROCK/GRAVEL BOTTOM @ 37'

60% ROCK/GRAVEL BOTTOM @ 63'

80% ROCK/GRAVEL BOTTOM @ 84'

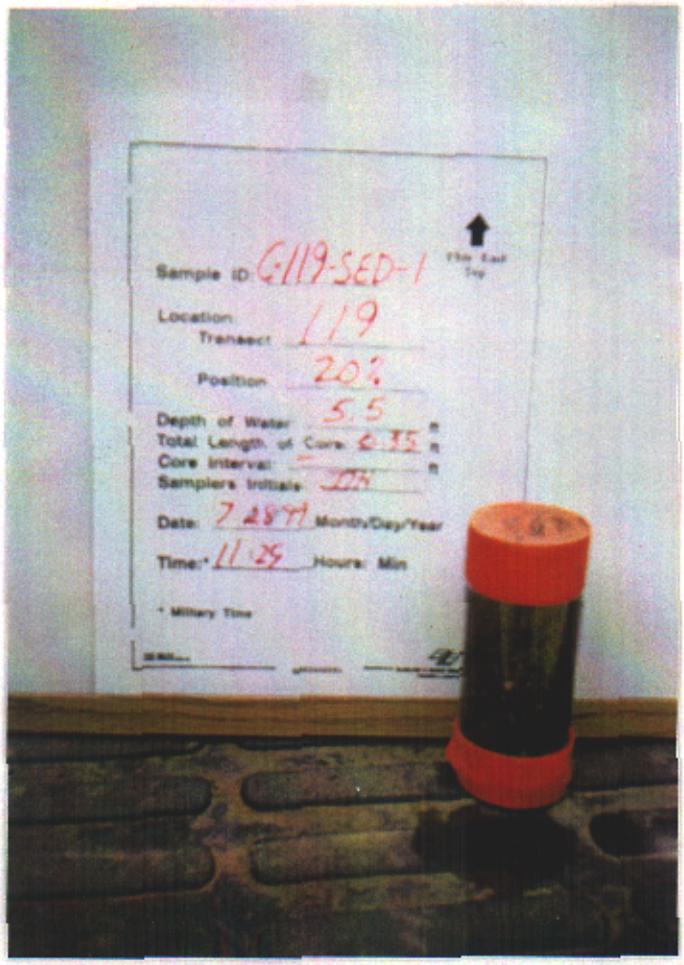
TRANSECT LOCATED 200' DOWNSTREAM OF CHEAHA CREEK

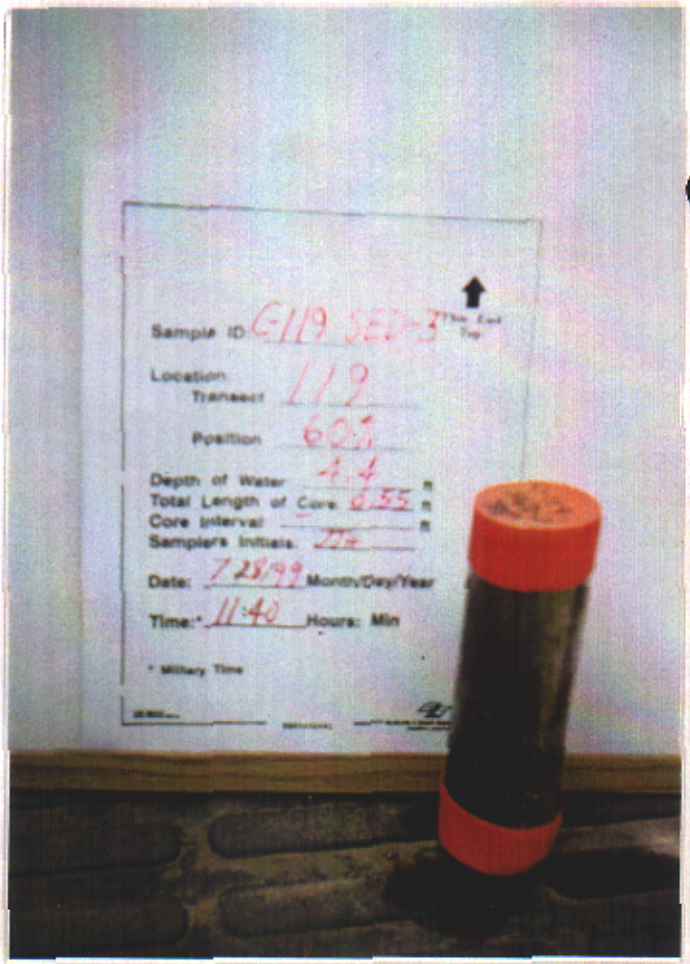
Bank Sketch (L) ON SLIGHT BEND IN CREEK BEDROCK OUTCROPPING ON LEFT BANK ± 50-100' (R)

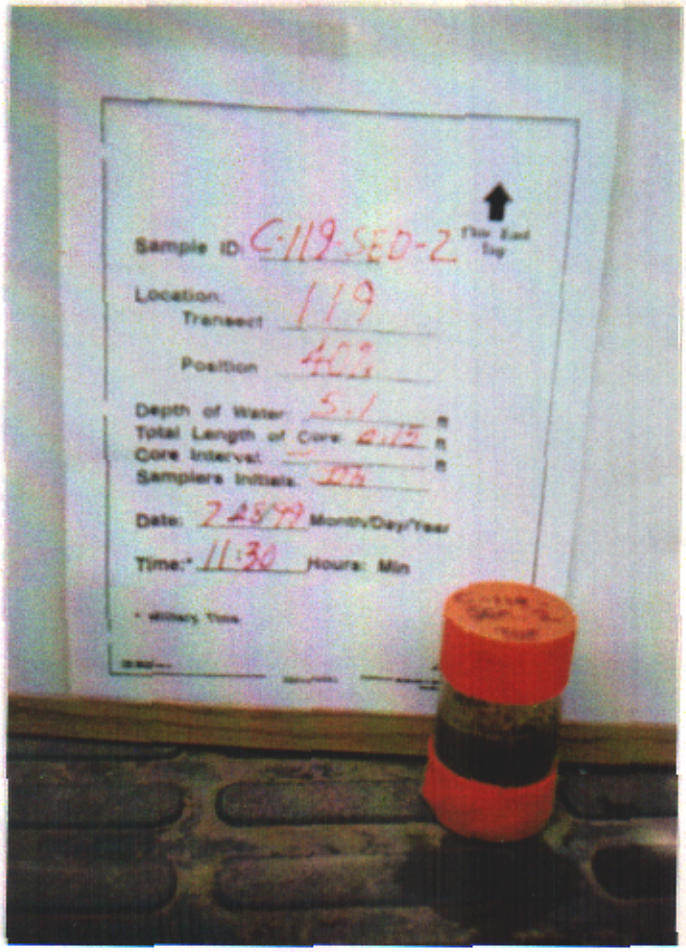


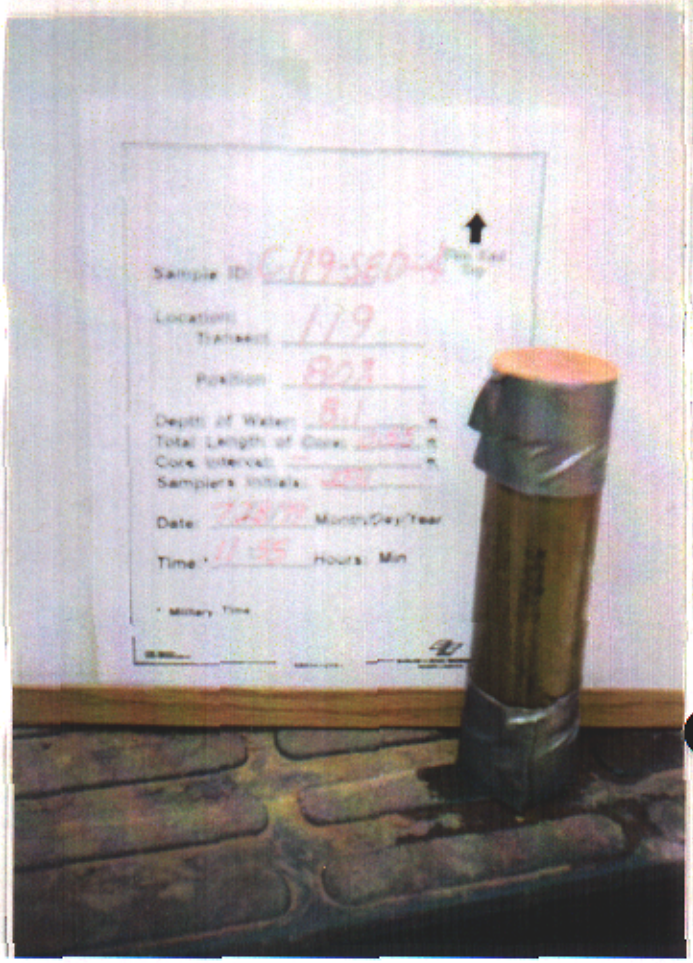



119 RIGHT


Sample ID: C-119-SED-1
This End Up
Location:
Transect 119
Position 20%
Depth of Water 5.5 ft
Total Length of Core 0.35 ft
Core Interval ft
Samplers Initials JDK
Date: 7 28 99 Month/Day/Year
Time:* 11:25 Hours: Min
* Military Time


Sample ID: C-119 SED-3
This End Up
Location:
Transect 119
Position 60%
Depth of Water 4.4 ft
Total Length of Core 0.55 ft
Core Interval ft
Samplers Initials JDK
Date: 7 28 99 Month/Day/Year
Time:* 11:40 Hours: Min
* Military Time


Sample ID: C-119-SED-2
This End Up
Location:
Transect 119
Position 40%
Depth of Water 5.1 ft
Total Length of Core 0.15 ft
Core Interval ft
Samplers Initials JDK
Date: 7 28 99 Month/Day/Year
Time:* 11:30 Hours: Min
* Military Time


Sample ID: C-119-SED-4
This End Up
Location:
Transect 119
Position 80%
Depth of Water 5.1 ft
Total Length of Core 0.25 ft
Core Interval ft
Samplers Initials JDK
Date: 7 28 99 Month/Day/Year
Time:* 11:55 Hours: Min
* Military Time



This End Top

Sample ID: C-120-SED-1

Location:

Transect 120

Position 20%

Depth of Water: 2.1 ft

Total Length of Core: 1.9 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 12:29 Hours: Min

* Military Time

01493 D54-DJH
645011SR/64501g03.cdr

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This End Top

Sample ID: C-120-SED-3

Location:

Transect 120

Position 60%

Depth of Water: 2.7 ft

Total Length of Core: 0.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 12:50 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 120

Date 7-28-99 **Time In** 1223 **Time Out** 1324

Total Water Width 130'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	26'	52'	78'	104'
Water Column	2.4	2.9	2.7	3.1
Sediment Penetrated	2.35		.30	
Sediment Recovered	1.9		.20	
Time	1229		1250	
Sample ID	C-120-SED-1		C-120-SED-3	
	FINE SAND MED GRAVEL TO LT BRN Sandy silt TO ORANGE	NO SAMPLE	F-M SAND	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0 t 30	2.5	.50 | 12.00	1.001 | 6.86	0.93	69.75
0 t 60	2.7	.54 | 12.16	1.06 | 10.66	0.86	69.66
0 t 90	2.9	.58 | 12.32	0.831 | 10.63	0.73	63.51
0 t 120	2.6	.52 | 12.08	0.81 | 10.58	0.695	72.28
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |	0.80375	275.20

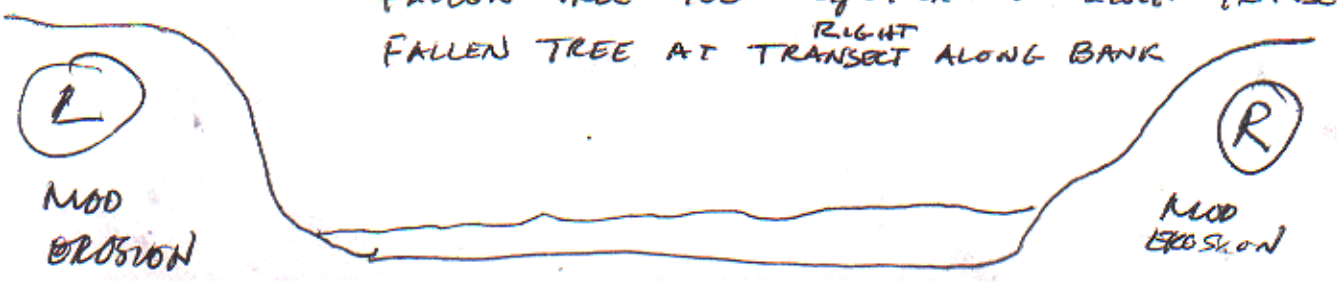
Photo 19 & 20

Notes

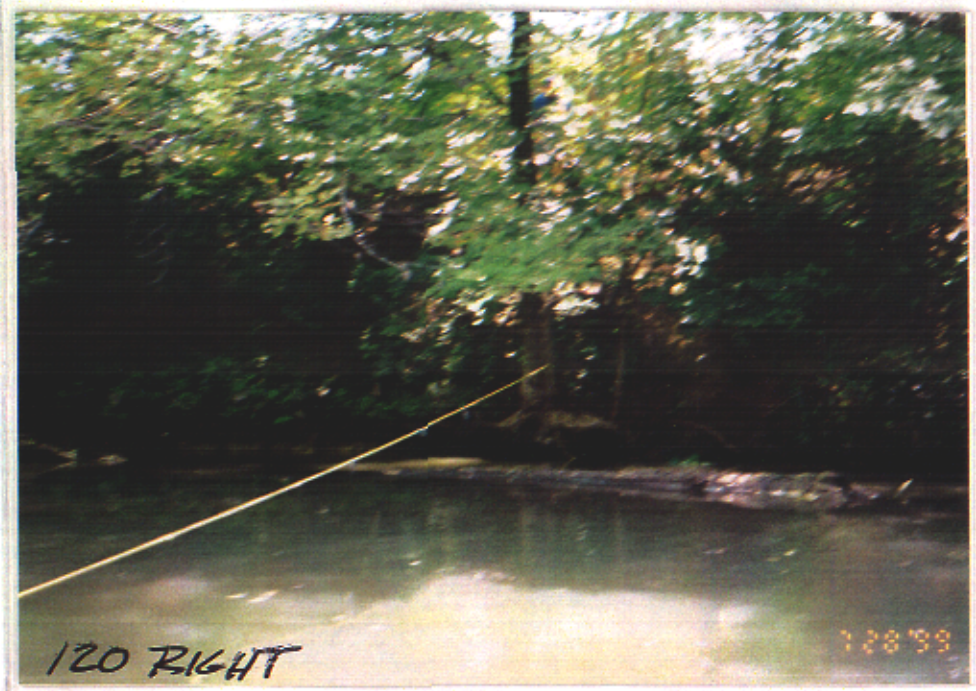
40% - 52' shift to 47' & 57' - ROCKS

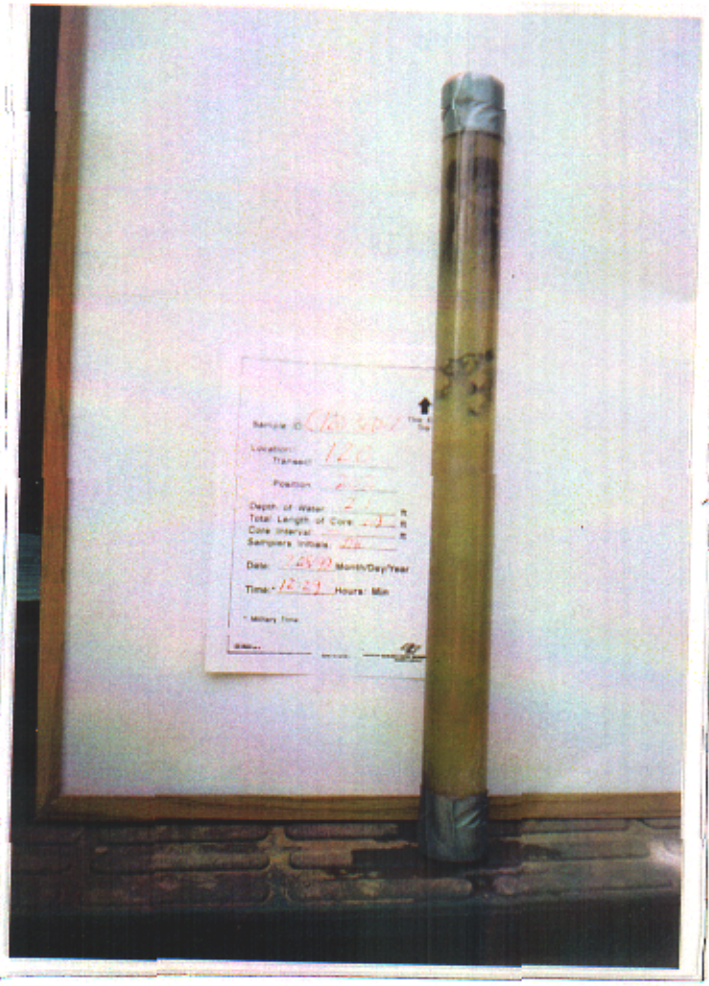
80% - 104 - shift to 109 - BEDROCK BOTTOM, shift TO 99' - BEDROCK

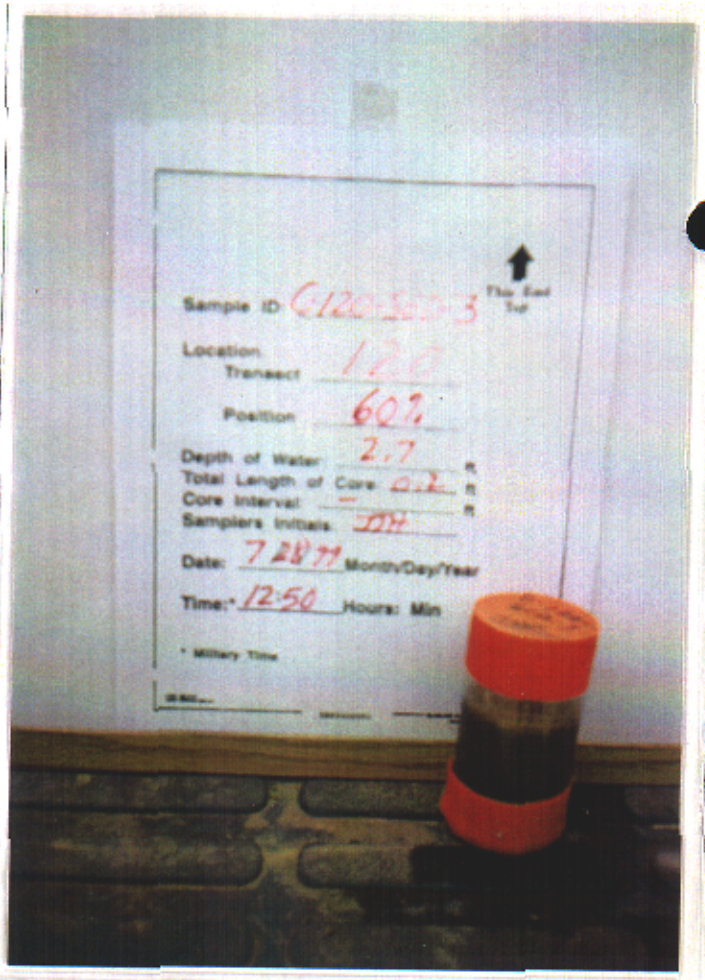
Bank Sketch




120 LEFT


120 RIGHT
12 8 '99




Sample ID: C120-60-3
This End Top
Location
Transect 120
Position 60%
Depth of Water 2.7 ft
Total Length of Core 0.2 ft
Core Interval — ft
Samplers Initials JDH
Date: 7 28 99 Month/Day/Year
Time:* 12:50 Hours: Min
* Military Time

This End Top

Sample ID: C-121-SED-1

Location:

Transect 121

Position 20%

Depth of Water: 4.3 ft

Total Length of Core: 0.65 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 14:48 Hours: Min

* Military Time

01/93 D54-DJH
645011SPM54501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-121-SED-3

Location:

Transect 121

Position 60%

Depth of Water: 5.8 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 15:05 Hours: Min

* Military Time

01/93 D54-DJH
64501159/64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-121-SED-4

Location:

Transect 121

Position 80%

Depth of Water: 5.4 ft

Total Length of Core: 1.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 15:08 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 121

Date 7-28-99 **Time In** 1435 **Time Out** 1515

Total Water Width ~~26~~ 130

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	26	52	78	104
Water Column	4.3	5.0	5.8	5.4
Sediment Penetrated	.65	~~.8~~	.7	1.2
Sediment Recovered	.65	~~.8~~	.5	1.2
Time	1448		1505	1508
Sample ID	C-121-SED-1 MED gr COARSE SAND small GRAVEL TO SANDY CLAY	NO SAMPLE	C-121-SED-3 COARSE SAND SMALL GRAVEL	C-121-SED M-C-SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITY

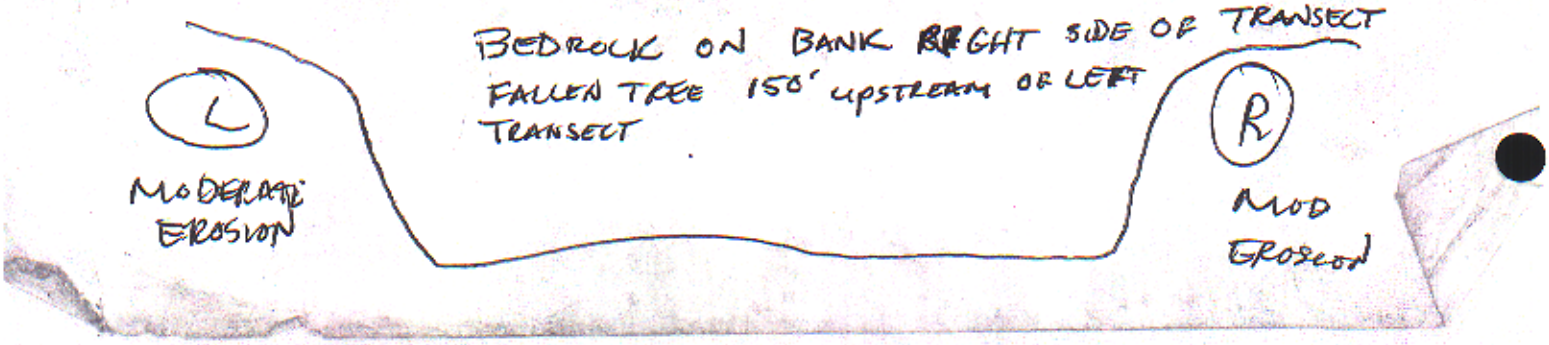
Photo # 23 & 24

Notes

40% 52' - Rock & Gravel Bottom shift to 47', shift 57' - Rock Bottom

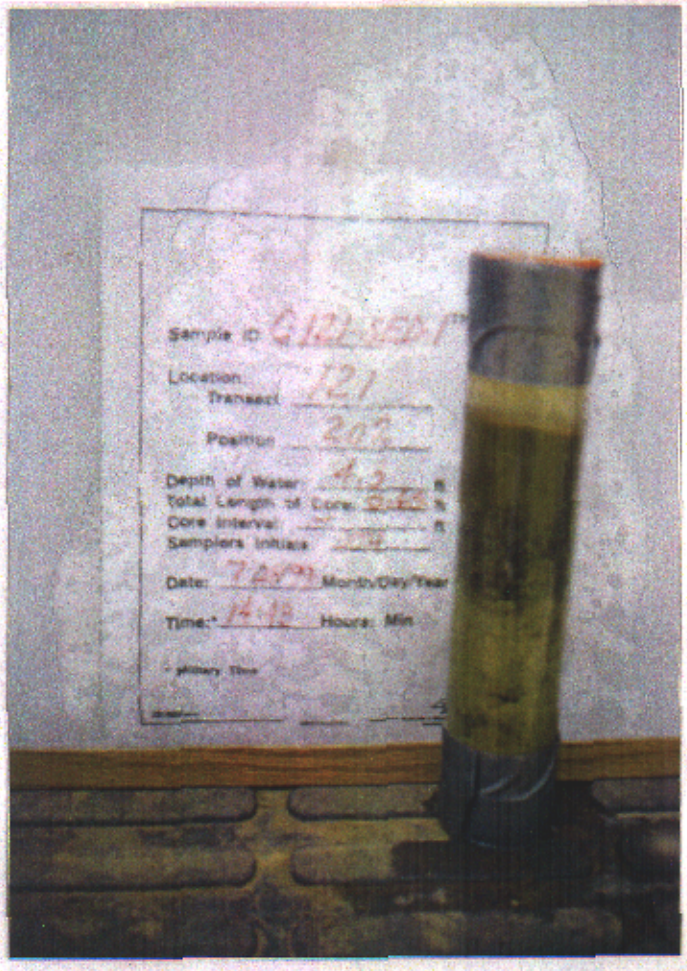
60% 78' - Shift to 73' shift to 93'

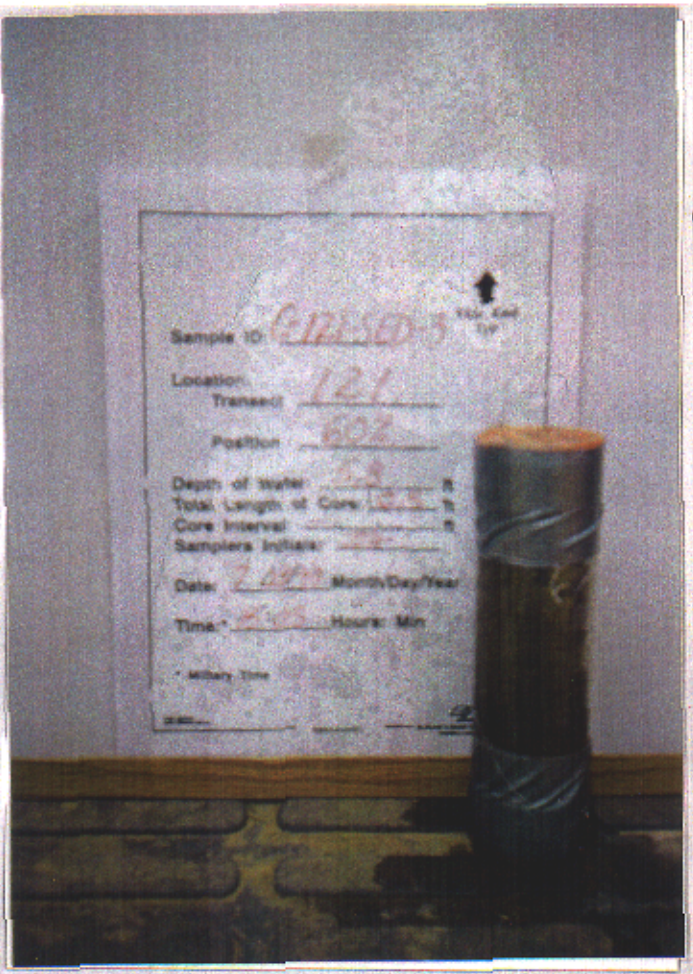
Bank Sketch

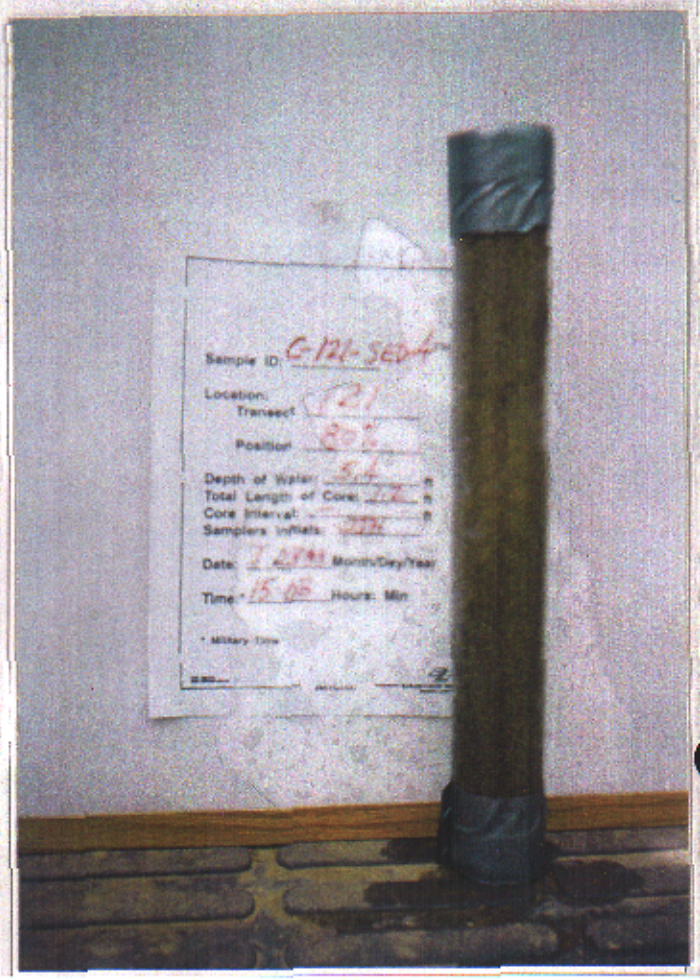







Sample ID:
Location:
Transect 121
Position 20%
Depth of Water 4.2 ft
Total Length of Core
Core Interval ft
Samplers Initials
Date: Month/Day/Year
Time:* 14:18 Hours: Min
* Military Time


Sample ID:
Location:
Transect 121
Position 60%
Depth of Water ft
Total Length of Core ft
Core Interval ft
Samplers Initials
Date: Month/Day/Year
Time:* Hours: Min
* Military Time


Sample ID: C-121-SED-4
Location:
Transect 121
Position 80%
Depth of Water 5.4 ft
Total Length of Core ft
Core Interval ft
Samplers Initials
Date: Month/Day/Year
Time:* 15:06 Hours: Min
* Military Time

This End Top

Sample ID: C-122-SED-1

Location:

Transect 122

Position 20%

Depth of Water: 3.2 ft

Total Length of Core: 0.25 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 13:55 Hours: Min

* Military Time

01/93 D54-DJH
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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-122-SED-2

Location:

Transect 122

Position 40%

Depth of Water: 5.0 ft

Total Length of Core: 1.95 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 14:05 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-122-SED-3

Location:

Transect 122

Position 60%

Depth of Water: 5.0 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 14:10 Hours: Min

* Military Time

01/93 D54-DJH
6450115P/64501g03.cdr

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-122-SED-4

Location:

Transect 122

Position 80%

Depth of Water: 5.3 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/28/99 Month/Day/Year

Time:* 14:15 Hours: Min

* Military Time

01/93 DS4-DJK
6450115R/6450109.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 122

Date 7/28/99 **Time In** 1345 **Time Out** 1428

Total Water Width 125'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	5.65' 0+~~25~~' 20'	0+~~50~~' 55'	0+75'	7.5, ~~0+100~~ 95'
Water Column	~~3.1~~ 3.2'	~~4.9~~ 5.0 7.6 6.9	5.0'	6.8 ~~5.2~~' 5.3
Sediment Penetrated	0.35'	5.3' 2.8'	0.7'	0.7'
Sediment Recovered	0.25'	1.95'	0.5'	0.25'
Time	1355	1405	1410	1415
Sample ID	C-122-SED-1 F-M SAND, SM GRAVEL, TR SILT	C-122-SED-2 F SAND AND MED GRAVEL TO SANDY SILT + CLAY	C-122-SED-3 M-C SAND + SM GRAVEL	C-122-SED-4 VF SAND + SM S TO M SAND + SM GRAVE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTO #'S 21 + 22

Notes

40% ROCK / GRAVEL BOTTOM @ 50', 45' ~~[illegible]~~

80% ROCK / GRAVEL BOTTOM @ 100'

Bank Sketch

STRAIGHT STRETCH OF CREEK ± 400' FROM SM RAPIDS

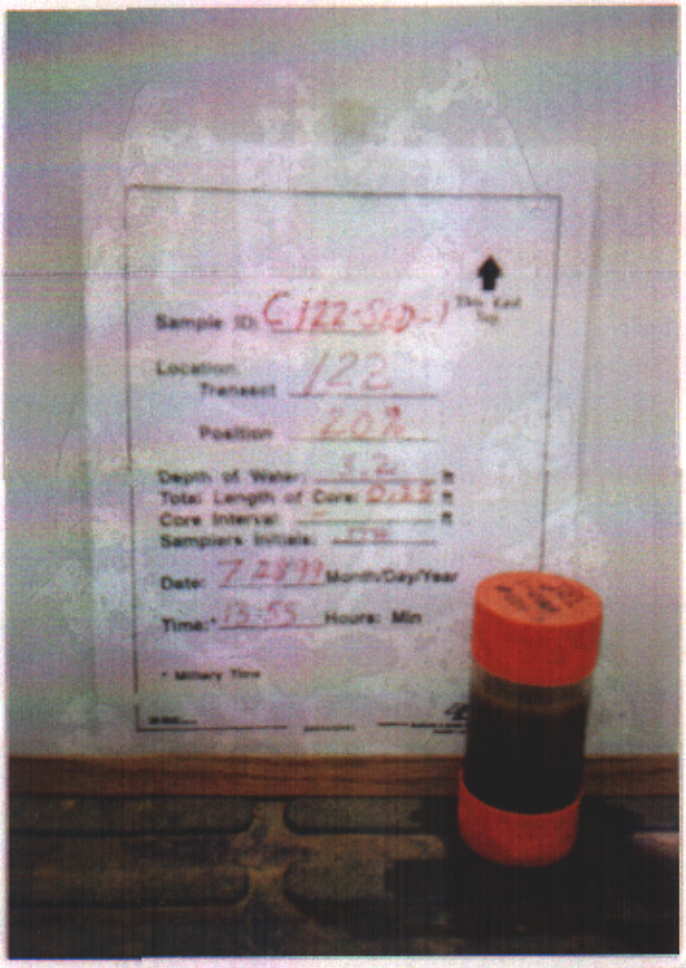


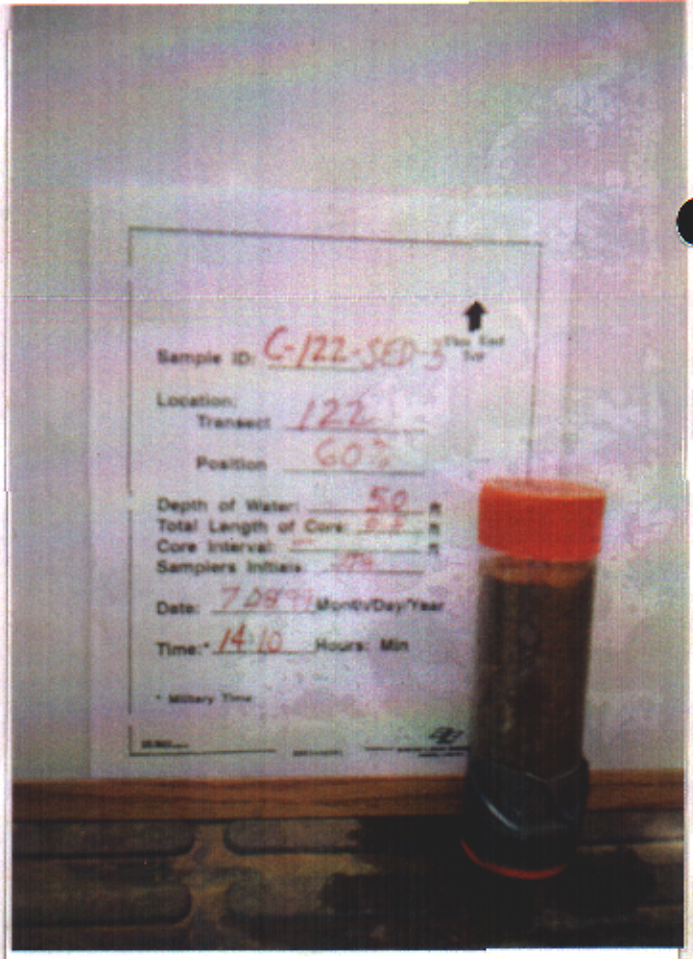


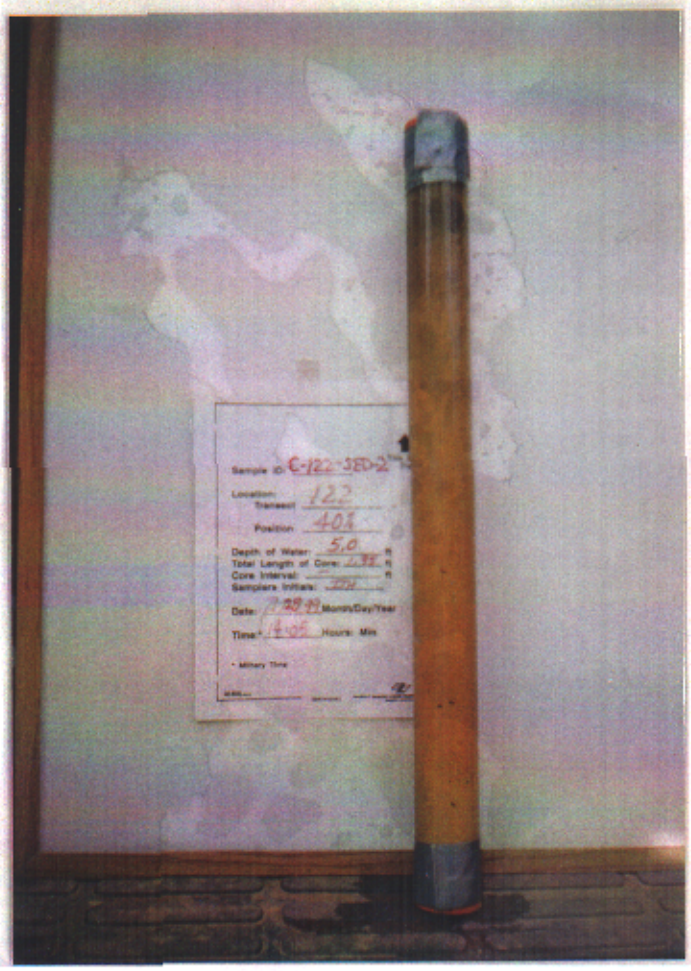
122 LEFT

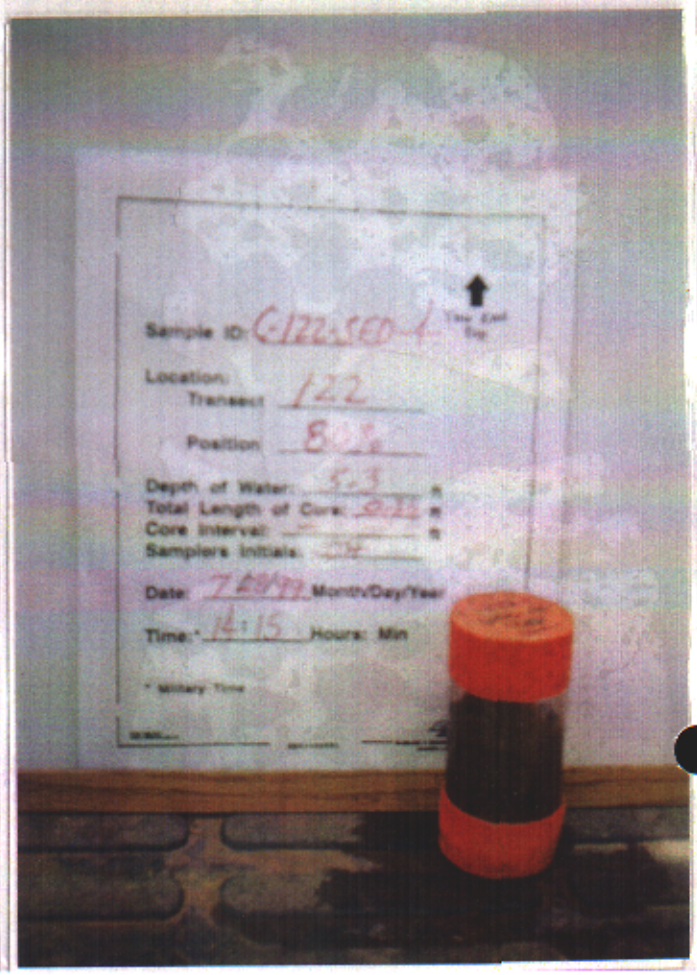


122 RIGHT 7 28 99


Sample ID: C-122-SED-1
This End Up
Location:
Transect 122
Position 20%
Depth of Water: 3.2 ft
Total Length of Core: 0.32 ft
Core Interval: ft
Samplers Initials:
Date: 7 28 99 Month/Day/Year
Time:* 13:55 Hours: Min
* Military Time


Sample ID: C-122-SED-3
This End Up
Location:
Transect 122
Position 60%
Depth of Water: 5.0 ft
Total Length of Core: 0.2 ft
Core Interval: ft
Samplers Initials:
Date: 7 28 99 Month/Day/Year
Time:* 14:10 Hours: Min
* Military Time


Sample ID: C-122-SED-2
Location:
Transect 122
Position 40%
Depth of Water: 5.0
Total Length of Core: 0.32
Core Interval:
Samplers Initials:
Date: 7 28 99 Month/Day/Year
Time:* 14:05 Hours: Min
* Military Time


Sample ID: C-122-SED-4
This End Up
Location:
Transect 122
Position 80%
Depth of Water: 5.3 ft
Total Length of Core: 0.22 ft
Core Interval: ft
Samplers Initials:
Date: 7 28 99 Month/Day/Year
Time:* 14:15 Hours: Min
* Military Time

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 123

Date 7/29/99 **Time In** 0945 **Time Out** 1030

Total Water Width 125'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				
Sample Width	0.25'	0.50'	0.75'	1.00'
Water Column	0.0'	6.8'	6.3'	~~5.8'~~ 7.85'
Sediment Penetrated	—	—	—	—
Sediment Recovered	—	—	—	—
Time	—	—	—	—
Sample ID	—	—	—	—
	NO SAMPLE	NO SAMPLE	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTO #'S 1+2

Notes

25% BEDROCK BOTTOM @ 20', 25', 30'
40% ± 0.1' SAND, SM GRAVEL ON TOP OF BEDROCK BOTTOM @ 45', 50', 55'
60% BEDROCK BOTTOM @ 75', 70', 80'
80% " " " 100', 95', 105'

Bank Sketch (L)

± 100' DOWNSTREAM OF RAPIDS ON STRAIGHT STRETCH OF CREEK (R)




123 LEFT


123 RIGHT

Sample ID: C-124-SED-2

This End Top

Location:

Transect 124

Position 40%

Depth of Water: 5.5 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/29/99 Month/Day/Year

Time:* 10:45 Hours: Min

* Military Time

01/93 D54-DJH
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Sample ID: C-124-SED-3

This End Top

Location:

Transect 124

Position 60%

Depth of Water: 5.6 ft

Total Length of Core: 0.35 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7/29/99 Month/Day/Year

Time:* 10:52 Hours: Min

* Military Time

01483 D64-DJH
645011SW64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 124

Date 2/29/99 **Time In** 1035 **Time Out** 1125

Total Water Width 130

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	26	52'	78	104'
Water Column	4.0	5.5	5.6	6.1
Sediment Penetrated		.3	.35	
Sediment Recovered		.2	.35	
Time		1045	1052	
Sample ID		C-124-SED-2	C-124-SED-3	
	NO SAMPLE	MED TO COARSE SAND, SM GRAVEL ORANICS	FINE to MED SAND SM GRAVEL & ORGANICS	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+30	4.0'	.8 | 13.2	0.391 | 0.3	0.345	41.4
0+60	5.5	1.1 | 14.4	0.531 | 0.43	0.48	79.2
0+90	6.3	1.26 | 15.04	0.481 | 0.27	0.375	70.875
0+120	4.1	.82 | 13.28	0.161 | 0.09	0.125	20.5
		|	|		
		|	|		
		|	|		
		|	|	0.33125	211.975

Photo # 3:4

Notes

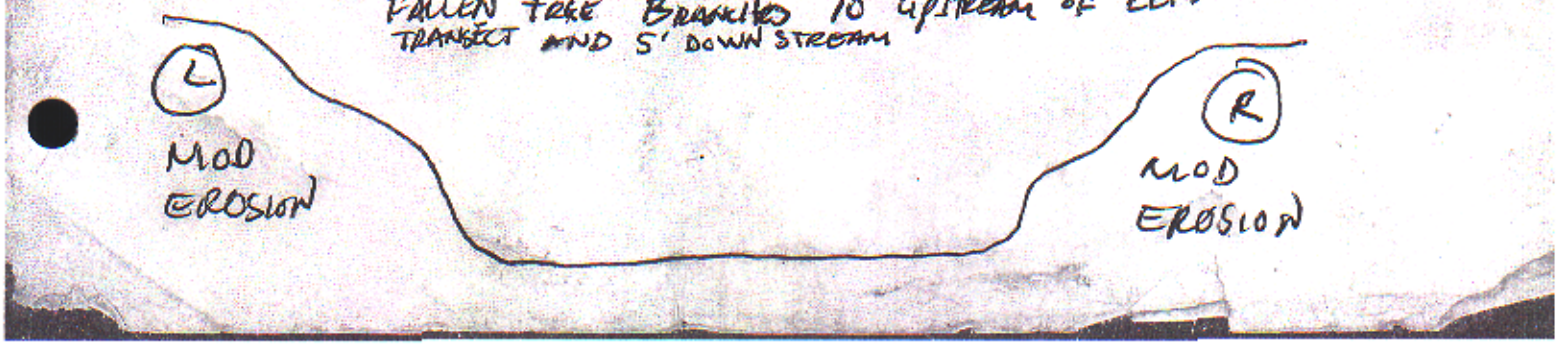
20% - 26' shift to 21, 31 - BEDROCK

60% - 78' BEDROCK ± 10' of SAND, shift to 73'

80% - 104 - shift to 110 - BEDROCK, shift to 99' - BEDROCK

TRANSECT TRANSECT LOCATED 300' UPSTREAM OF WHERE THE CREEK FROM THE QUARRY EN INTO CHOCCOLOCCO CREEK.

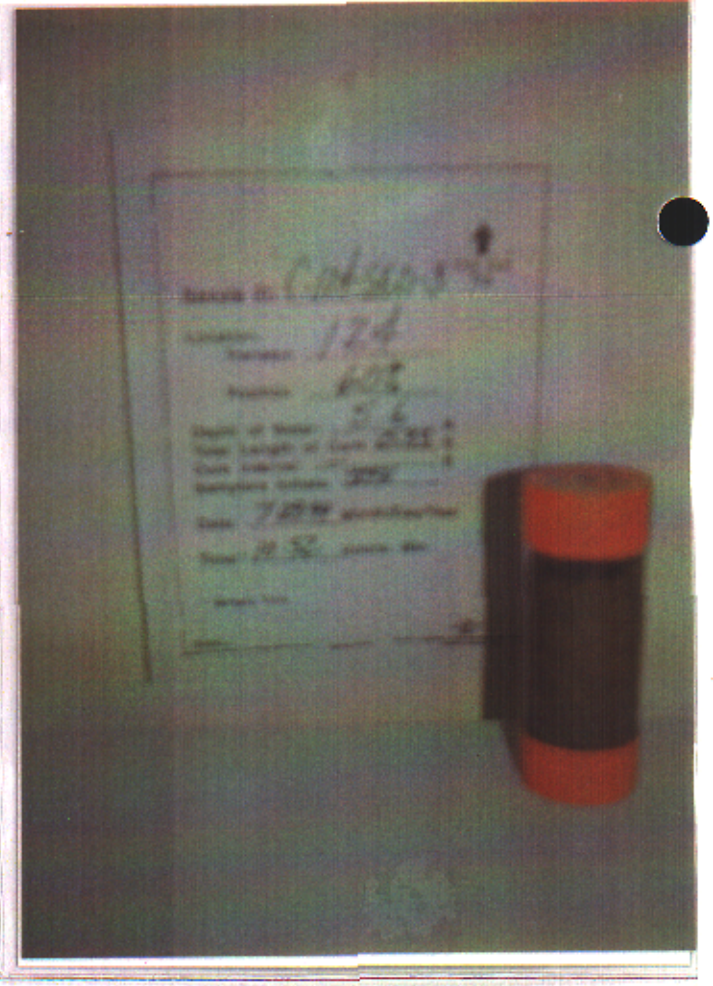
Bank Sketch

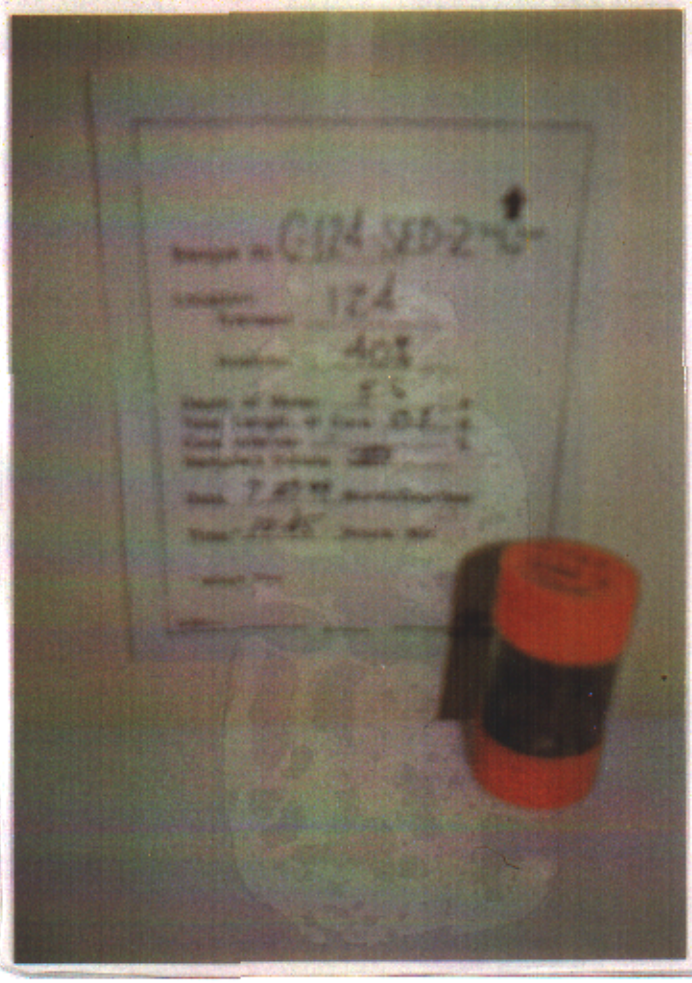






W/D#447 626 1 N N N 1c<No. XA>M583







This End Top

Sample ID: C-125-SED-1

Location:

Transect 125

Position 20%

Depth of Water: 4.0 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/29/99 Month/Day/Year

Time:* 11:45 Hours: Min

* Military Time

01/93 D54-DJH
8450115R/64501g03.cdr

KB53402951

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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 125

Date 7/29/09 **Time In** 1130 **Time Out** 1220

Total Water Width 110'

Sample Station	20% (1)	40% (2) 44'	60% (3)	80% (4)
Sample Width	0+22' 17'	0+44' ~~39'~~	0+66'	0+88'
Water Column	~~4.8~~ 6.7 ~~4.5'~~ 4.0'	~~5.6~~ ~~5.3~~ 6.3'	7.0'	6.3'
Sediment Penetrated	0.55'	—	—	—
Sediment Recovered	0.25'	—	—	—
Time	1145	—	—	—
Sample ID	C125-SED1 FINE SAND, SOME SILT WITH ORGANICS	NO SAMPLE	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTO #'S 5+6

Notes

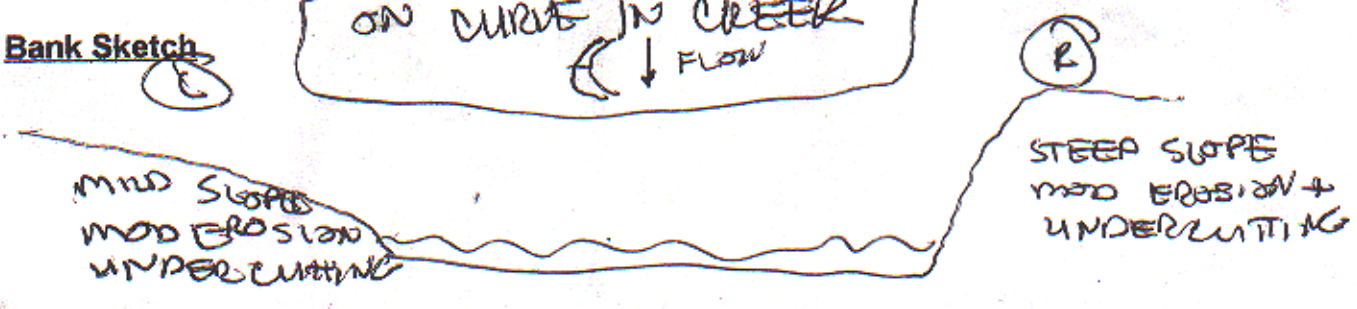
20% Rock/Gravel Bottom @ 22'

40% Rock/Gravel Bottom @ 44', 39', 49'

60% Boulder Bottom @ 61', 66', 71'

80% Bedrock Bottom @ 83', 88', 93'

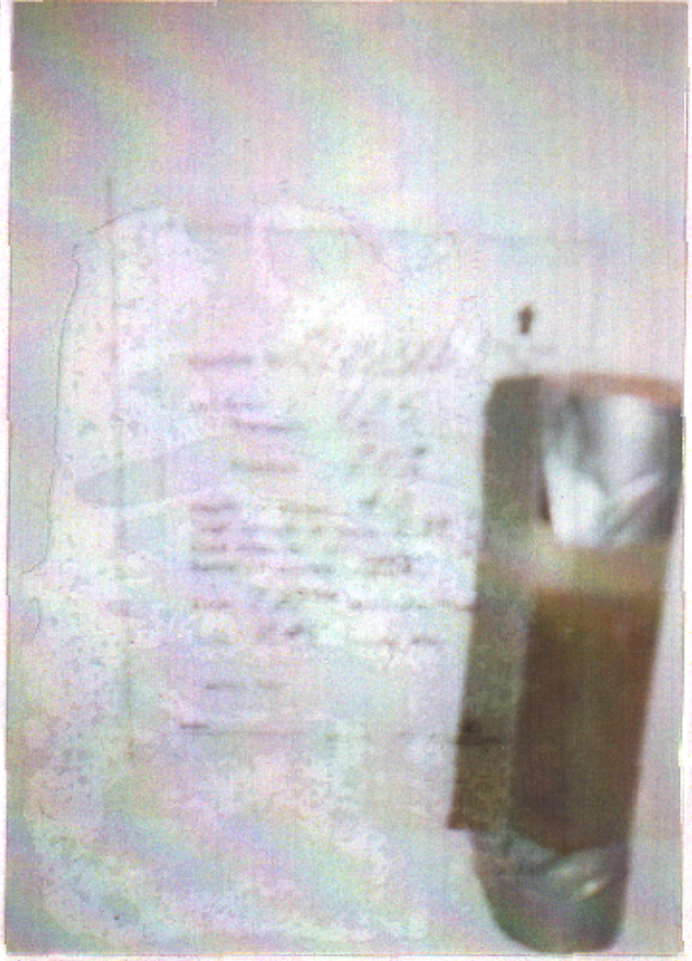
Bank Sketch







W/D#447 626 6 N N N 1 c<No. OA>ME53





This End Top

Sample ID: C-126-SED-1

Location:

Transect 126

Position 20%

Depth of Water: 8.0 ft

Total Length of Core: 0.7 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/29/99 Month/Day/Year

Time:* 12:55 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 124

Date 7/29/99 **Time In** 1230 **Time Out** 1341

Total Water Width 115

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~16~~ 23 18	46'	69'	92'
Water Column	~~7.6~~ 8.0	5.4	4.6	2.2
Sediment Penetrated	25			
Sediment Recovered	0.7			
Time	1255			
Sample ID	~~1255~~ C-126-20-1	No Sample	No Sample	No Sample

No DESC.

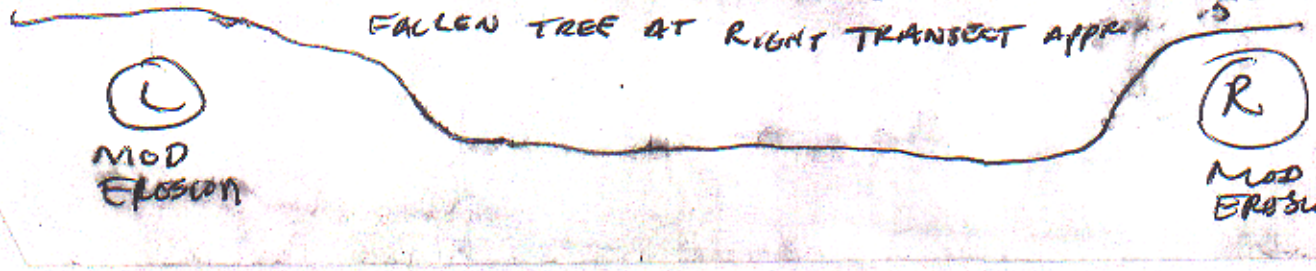
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photo 7:8

Notes

20% - 23' BEDROCK shift to 18'
40% - 46' 41 & 51' - BEDROCK
60% - 69' 64 & 74' - BEDROCK
80% - 92, 77, 87' - BEDROCK

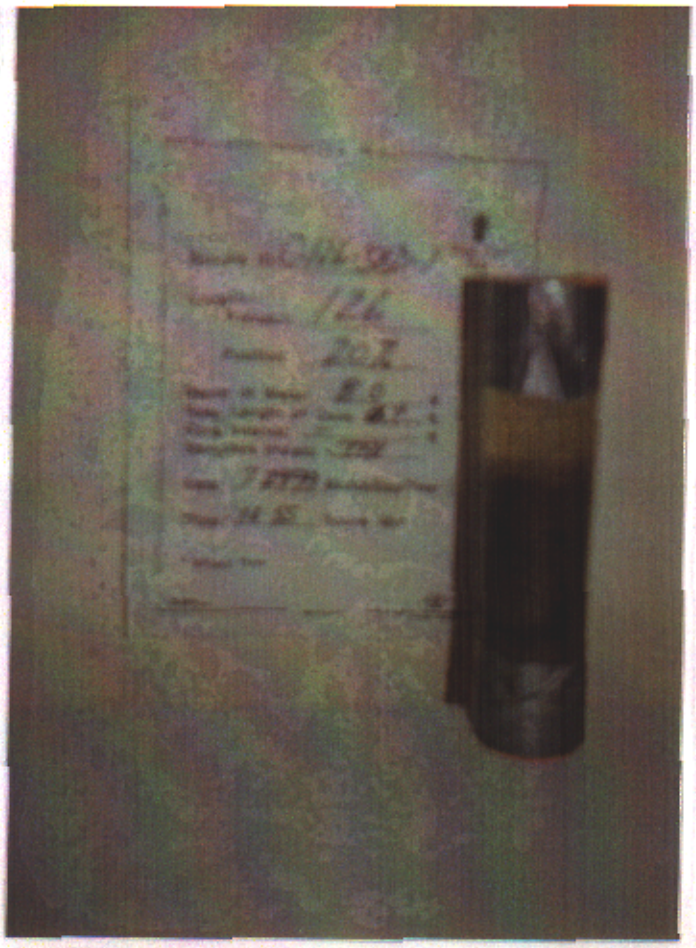
Bank Sketch







W/D#447 626 10 N N N 1<No. 2A>MES3





This End Top

Sample ID: C-127-SED-3

Location:

Transect 127

Position 60%

Depth of Water: 8.0 ft

Total Length of Core: 0.25 ft

Core Interval: – ft

Samplers Initials: JJH

Date: 7/29/99 Month/Day/Year

Time:* 14:00 Hours: Min

* Military Time

01/93 D54-DJH
645011SP/64501g03.cdr

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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 127

Date 7/29/99 **Time In** 1345 **Time Out** 1435

Total Water Width 120'

Sample Station	20% (1)	40% (2)		60% (3)	80% (4)
Sample Width	0424'	0448'		0472'	0496'
Water Column	6.7'	7.3'	9.85'	8.0'	6.2'
Sediment Penetrated	—	—		0.45'	—
Sediment Recovered	—	—		0.25'	—
Time	—	—		1400	—
Sample ID	—	—		C-127SED-3	—
	NO SAMPLE	NO SAMPLE		M-C SAND, SM GRAVEL, PCS WOOD LARGE ROCK	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
	NO	VELOCITIES!			

(Photo's 9+10)

Notes

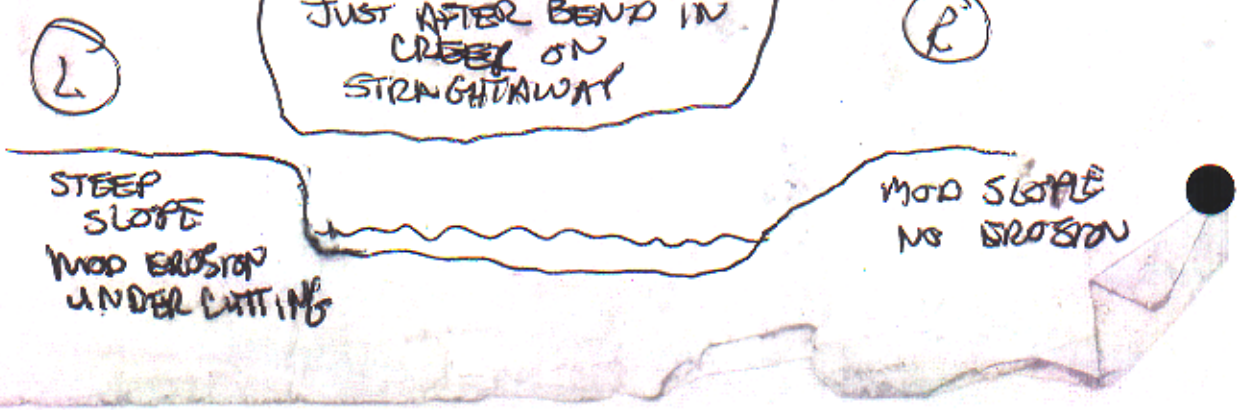
20% ± 0.1' OF SAND ON TOP OF BEDROCK @ 24', 19', 29'

40% BEDROCK BOTTOM @ 48', 43', 53'

60% UNDER SAND IS BEDROCK BOTTOM

80% BEDROCK BOTTOM @ 96', 91', 101'

Bank Sketch

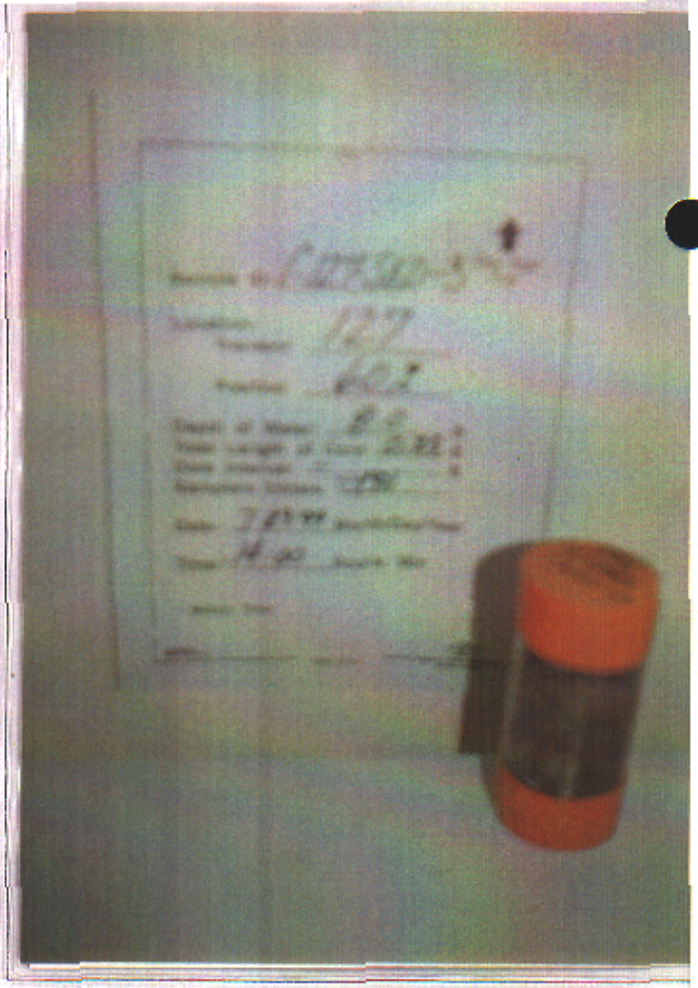




128 LEFT



128 RIGHT



This End Top

Sample ID: C-128-SED-1

Location:

Transect 128

Position 20%

Depth of Water: 7.1 ft

Total Length of Core: 0.85 ft

Core Interval: - ft

Samplers Initials: JJH

Date: 7 29/99 Month/Day/Year

Time:* 14:55 Hours: Min

* Military Time

01483 D64-CJH
64501\BM64501g03.cdr

KB53402951

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This End Top

Sample ID: C-128-SED-2

Location:

Transect 128

Position 40%

Depth of Water: 5.9 ft

Total Length of Core: 0.7 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/29/99 Month/Day/Year

Time:* 15:04 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

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This End Top

Sample ID: C-128-SED-3

Location:

Transect 128

Position 60%

Depth of Water: 4.5 ft

Total Length of Core: 0.2 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7 29/99 Month/Day/Year

Time:* 15:12 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64601g03.cdr

KB53402951

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This End Top

Sample ID: C-128-SED-4

Location:

Transect 128

Position 80%

Depth of Water: 3.0 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/29/99 Month/Day/Year

Time:* 15:17 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/54501g03.cdr

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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 128

Date 7/29/99 **Time In** 1445 **Time Out** 1610

Total Water Width 165

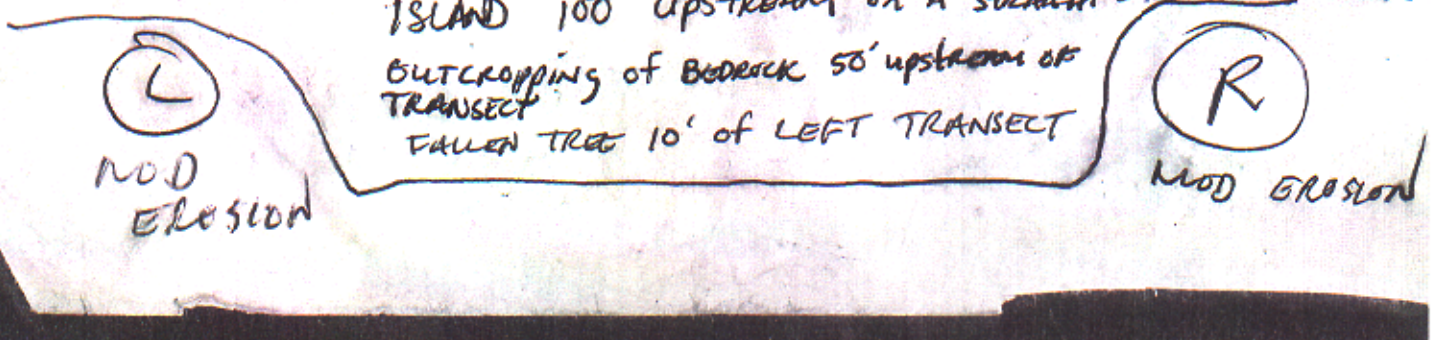
Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	33	66'	99'	132'
Water Column	7.1	5.9	4.5	3.0
Sediment Penetrated	1.05	.95	.5	.35
Sediment Recovered	.85	.7	.2	.25
Time	1455	1504	1512	1517
Sample ID	C-128-SED-1 SILT, FINE SAND TO MED SAND W/ ORGANICS	C-128-SED-2 FINE TO MED SAND, SOME SILT	C-128-SED-3 MED TO COARSE SAND, SM GRAVEL	C-128-SED-4 MED TO COARSE SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+32	7.2	1.44 | 5.76	0.00 | 0.00	-0-	0
0+64	6.1	1.22 | 4.88	0.95 | 0.41	0.68	132.736
0+96	4.2	.84 | 3.36	0.53 | 0.27	0.4	53.76
0+128	3.0	.6 | 2.4	0.87 | 0.62	0.745	154.215
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |	0.45625	340.711

Photo 11 & 12

Notes

Bank Sketch



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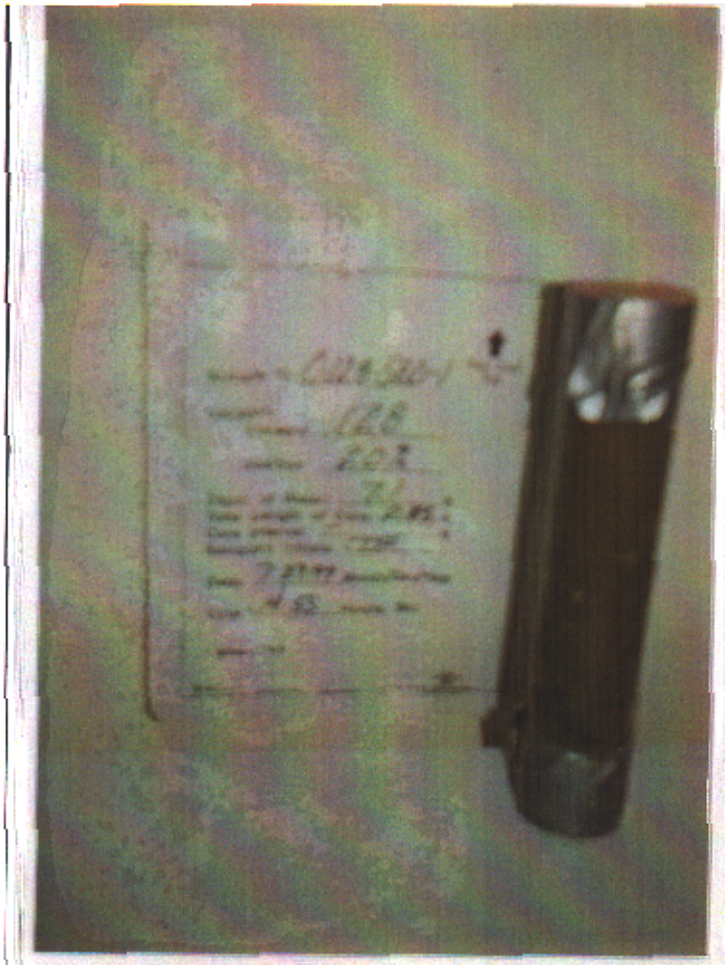
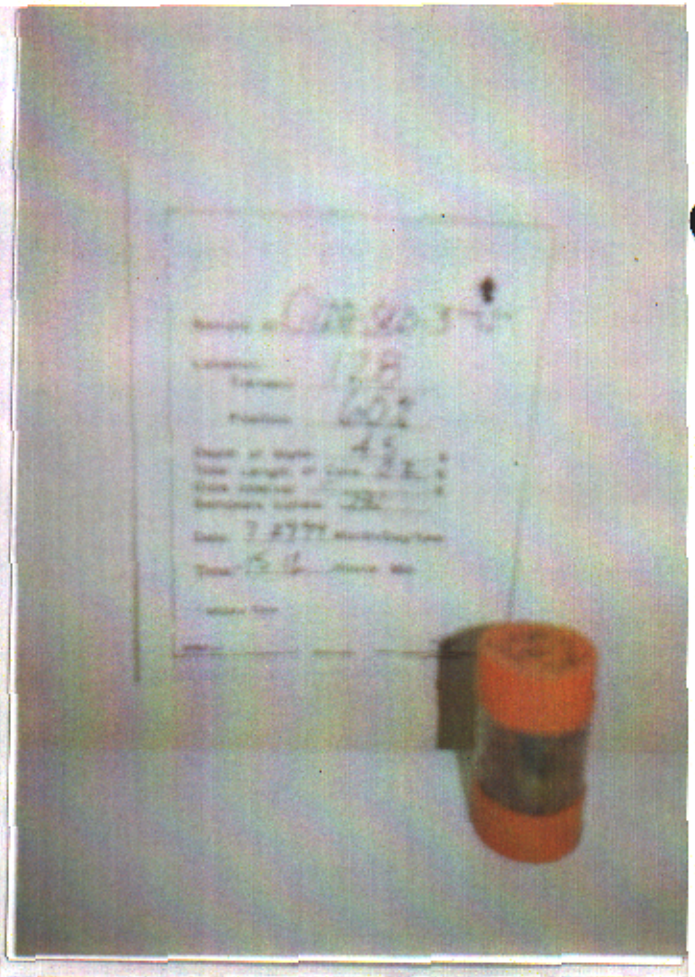
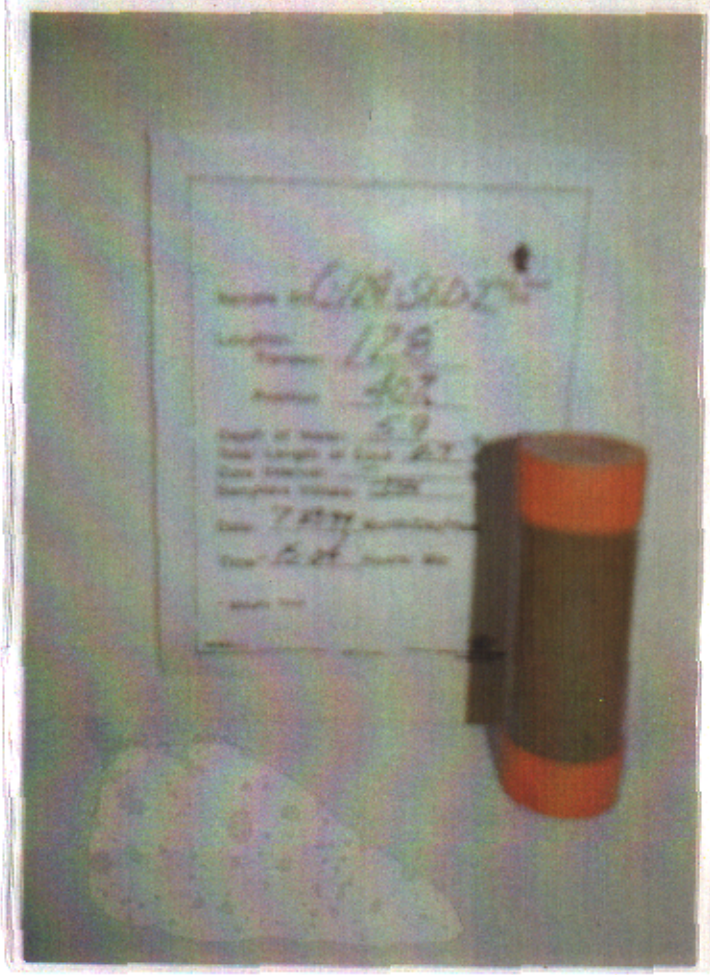
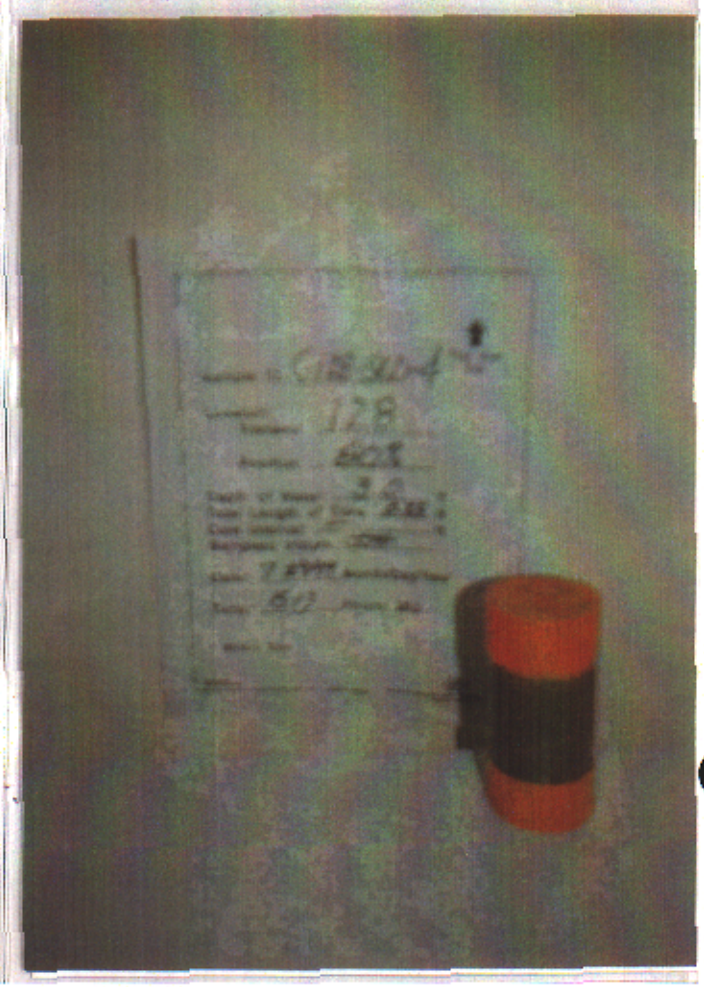
W/D#447 626 17 N N N N<No. 7 >M553









This End Top

Sample ID: C-129-SED-4

Location:

Transect 129

Position 80%

Depth of Water: 4.9 ft

Total Length of Core: 0.45 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/30/99 Month/Day/Year

Time:* 08:30 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 129

Date 7/30/99 **Time In** 0800 **Time Out** 0910

Total Water Width 125'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+25'	0+50'	0+75'	~~0+100'~~ 105
Water Column	5.1'	6.6'	6.5'	7.7' ~~5.1'~~ 4.9'
Sediment Penetrated	—	—	—	0.95'
Sediment Recovered	—	—	—	0.45'
Time	—	—	—	0830
Sample ID	—	—	—	C-129-SED-4
	NO SAMPLE	NO SAMPLE	NO SAMPLE	SILT + ORGANICS TO FINE SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTOS #5 13+14

Notes

25% BEDROCK BOTTOM @ 20', 25', 35'
40% " " " 45', 50' – ±0.1' SAND ON BEDROCK @ 55'
60% " " " 70', 75', 80'
80% " " " 95', 100'

Bank Sketch

(L)

ON BEND OF CREEK
SOME BEDROCK OUTCROPPINGS ON RIGHT BANK ± 100' UPSTREAM OF TRANSECT

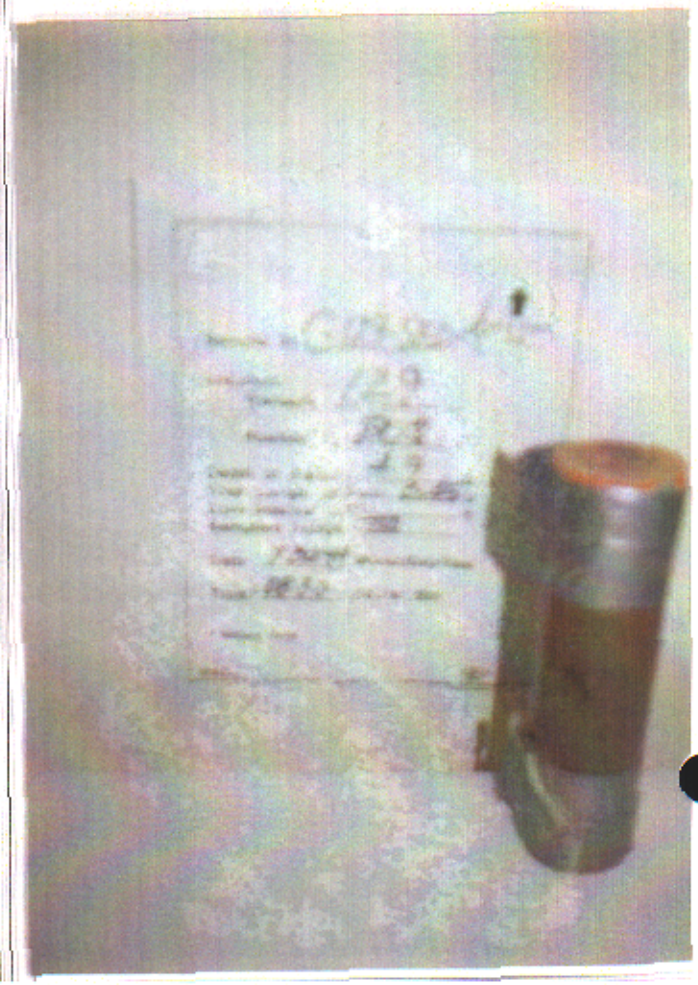
(R)

STEEP BANK MOD-EXTREME EROSION UNDERCUTTING

STEEP BANK MOD EROSION UNDERCUTTING


129 LEFT


129 RIGHT



This End Top

Sample ID: C-130-SED-1

Location:

Transect 130

Position 20%

Depth of Water: 6.1 ft

Total Length of Core: 0.65 ft

Core Interval: — ft

Samplers Initials: JH

Date: 7/30/99 Month/Day/Year

Time:* 09:30 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/645011003.cdr

KB53402951

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This End Top

Sample ID: C-130-SED-2

Location:

Transect 130

Position 40%

Depth of Water: 6.9 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: JJH

Date: 7/30/99 Month/Day/Year

Time:* 09:41 Hours: Min

* Military Time

01/93 D54-CJH
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KB53402951

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This End Top

Sample ID: C-130-SED-3

Location:

Transect 130

Position 60%

Depth of Water: 7.1 ft

Total Length of Core: 0.2 ft

Core Interval: – ft

Samplers Initials: JTH

Date: 7/30/99 Month/Day/Year

Time:* 09:45 Hours: Min

* Military Time

01/93 054-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Sample ID: C-130-SED-4

This End Top

Location:

Transect 130

Position 80%

Depth of Water: 6.7 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JH

Date: 7 30 99 Month/Day/Year

Time:* 09:48 Hours: Min

* Military Time

01483 DS4-C/H
645011SN64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 130

Date 7/30/99 **Time In** 0915 **Time Out** 1019

Total Water Width 155

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	31 26'	62 67' 69	93	124
Water Column	6.1	6.9 ~~8.0~~	7.1	6.7
Sediment Penetrated	.65	.25	.2	.5
Sediment Recovered	.65	.25	.2	.5
Time	0930	0941	0945	0948
Sample ID	C-130-SED-1	C-130-SED-2	C-130-SED-3	C-130-SED-4
	FINE TO MED SAND SMALL GRAVEL	FINE SAND TO MED SAND SMALL GRAVEL	SOME SILT FINE TO COARSE SAND	MED TO COARSE SAND, SOME SILT SCAT ORGANIC

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

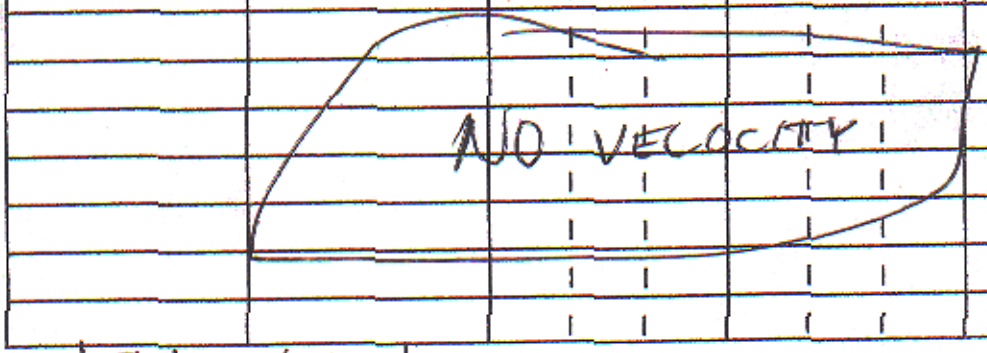


Photo 15 & 16

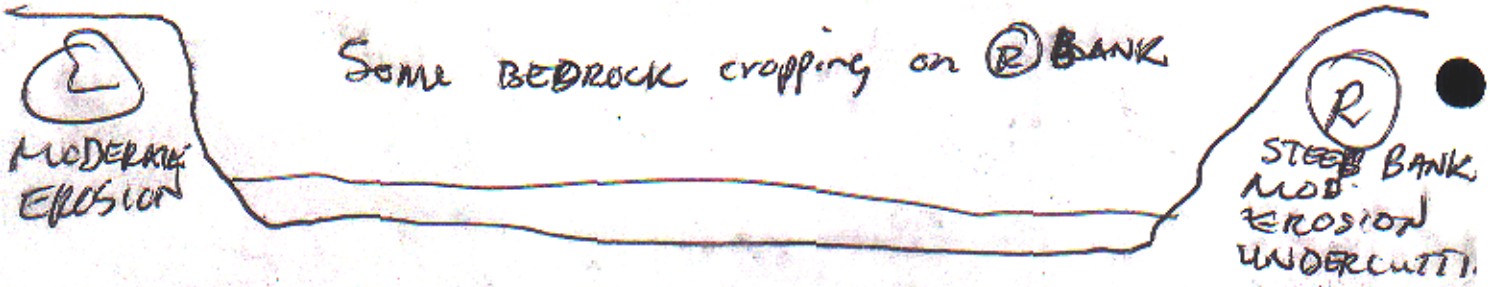
Notes

20% - 31' shift to 26' - 31' → BEDROCK BOTTOM

40% - 62 shift to 57', shift to 67

~~60%~~ -

Bank Sketch

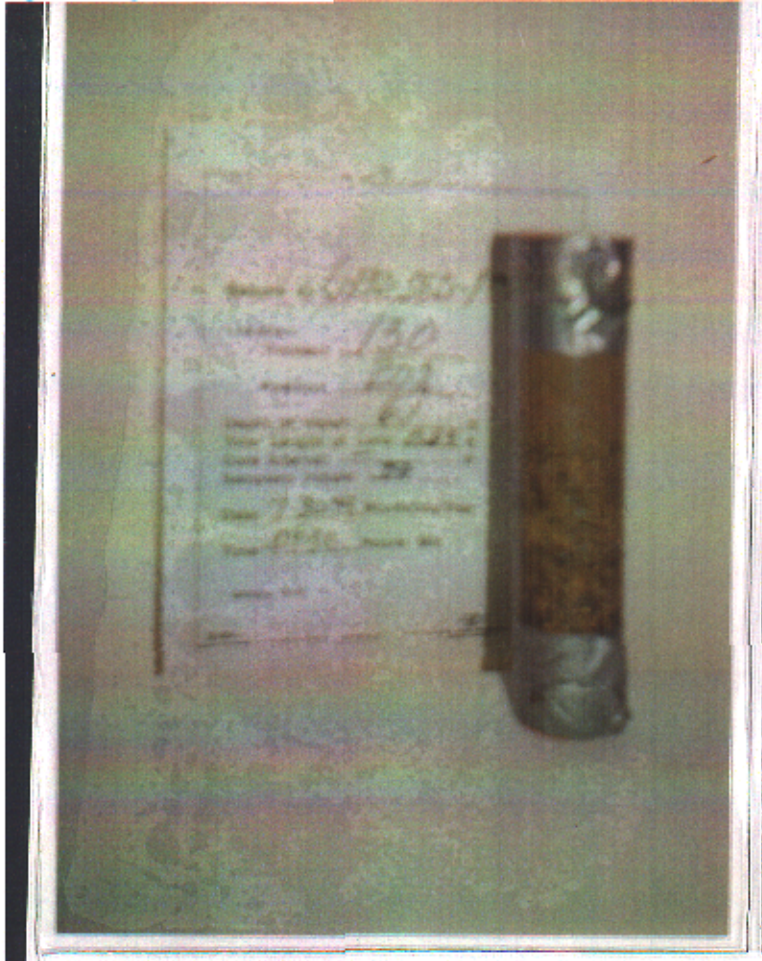


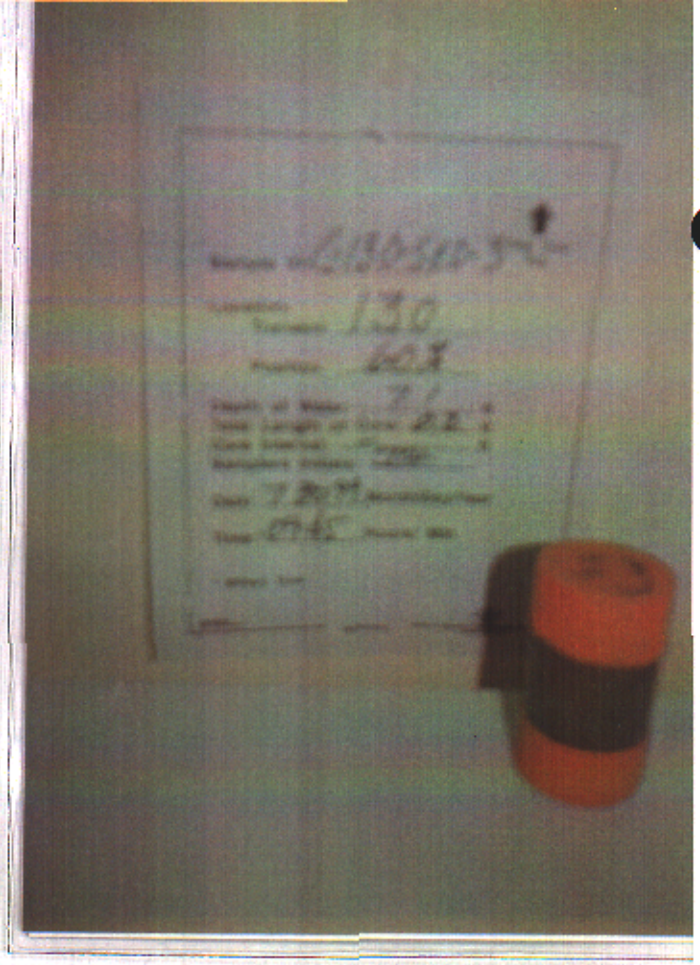


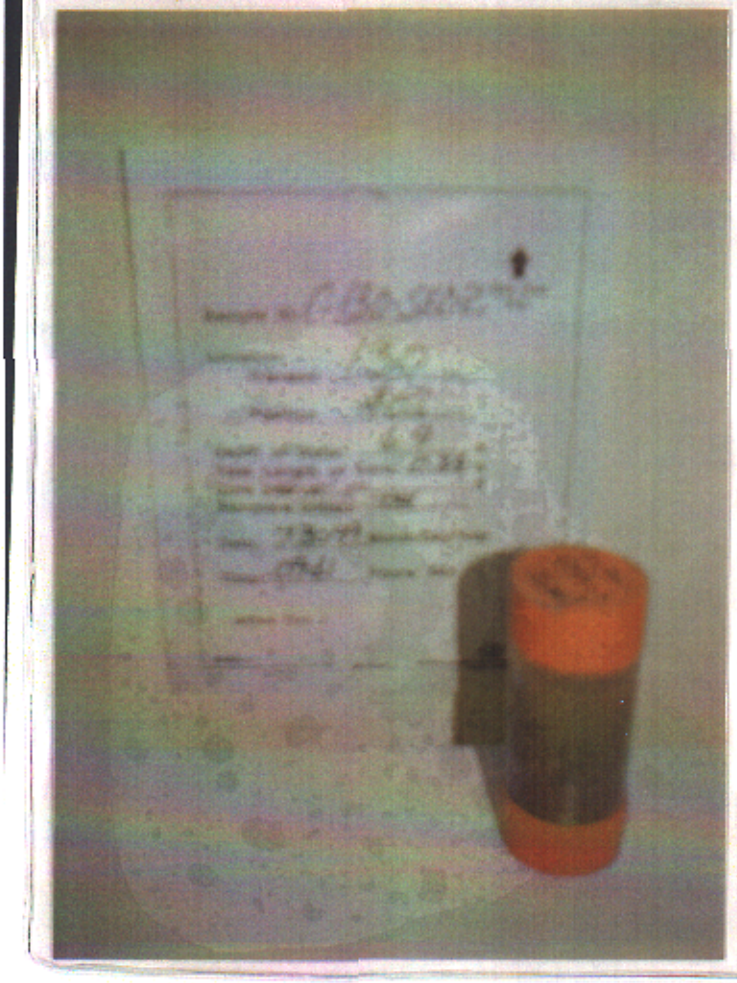
W/D#447 626 28 N N N Nc<No.12 >M583

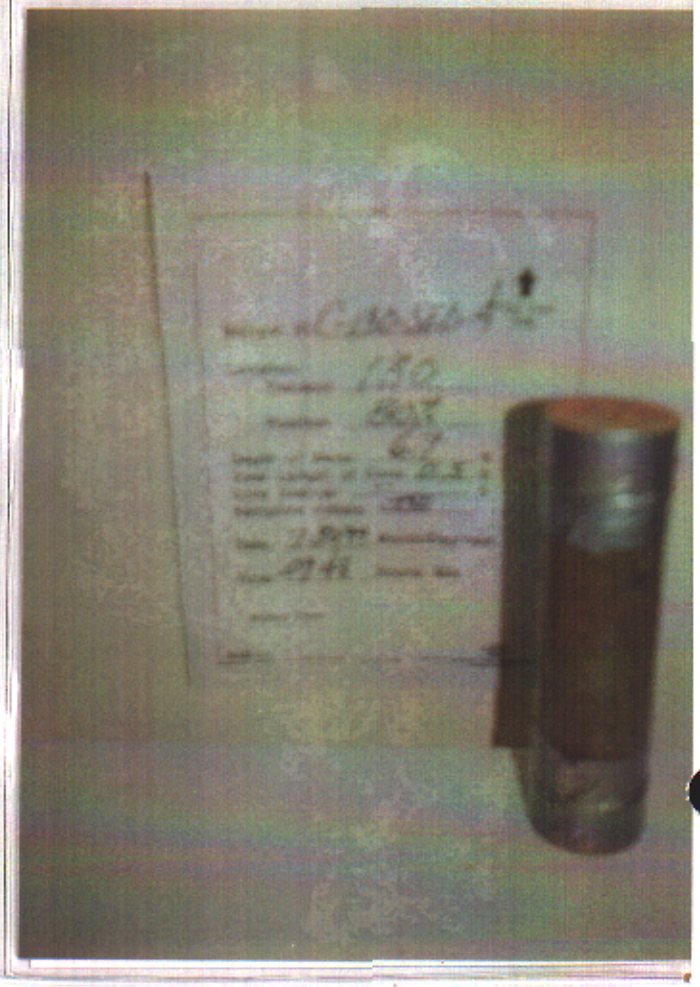


W/D#447 626 26 N N N Nc<No.11 >M583









Sample ID: C-131-SED-1

This End Top

Location:

Transect 131

Position 20%

Depth of Water: 9.3 ft

Total Length of Core: 1.3 ft

Core Interval: — ft

Samplers Initials: JOR/MB/GR

Date: 8/2/99 Month/Day/Year

Time:* 14:28 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

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This End Top

Sample ID: C-131-SED-3

Location:

Transect 131

Position 60%

Depth of Water: 6.8 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: TDR/MB/GR

Date: 8/2/99 Month/Day/Year

Time:* 14:44 Hours: Min

* Military Time

01/93 D64-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Sample ID: C-131-SED-4

This End Top

Location:

Transect 131

Position 80%

Depth of Water: 5.5 ft

Total Length of Core: 0.5 ft

Core Interval: - ft

Samplers Initials: TOR/MB/GR

Date: 8/2/99 Month/Day/Year

Time:* 14:52 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Sample (6)

Transect Number 131

Date 8/2/99 **Time In** 14:15 **Time Out** 1529

Total Water Width 135'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	27'	54'	81'	108'
Water Column	9.3'	7.9'	6.8'	5.5'
Sediment Penetrated	1.9'	—	0.3'	0.5'
Sediment Recovered	1.3'	—	0.3'	0.5
Time	14:28	No Sample	14:44	14:52
Sample ID	C-131-Sed-1	Bedrock	C-131-Sed-3	C-131-Sed-4
	0-0.7' Grey-brown fine sand/silt		0-0.3' - Brown fine to cr. sand/gravel	0-0.5' - Brown fine-cr. sand, some g
	0.7-1.3' Red-brown clay			

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
No					
Velocity					

Picture 1 - Right Bank Picture 2 - L

Notes

54' - Bedrock, 49' - Bedrock, 59' - Bedrock

Bank Sketch

Right Bank

6'-8' High
Bedrock at water level
40' Upstream
20', 40' & 60' Downstream

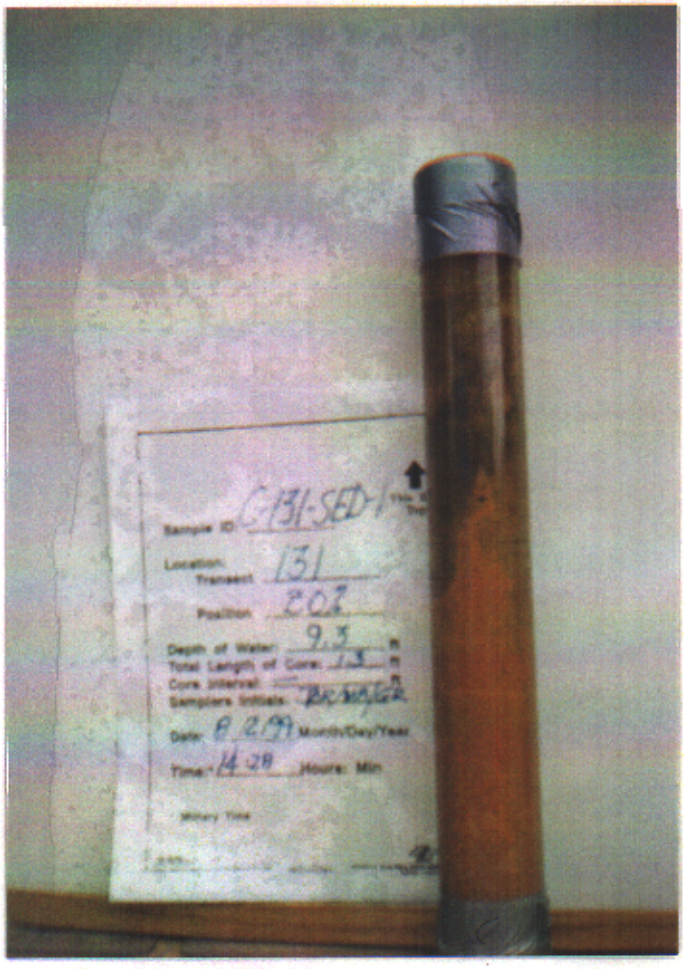
Left Bank

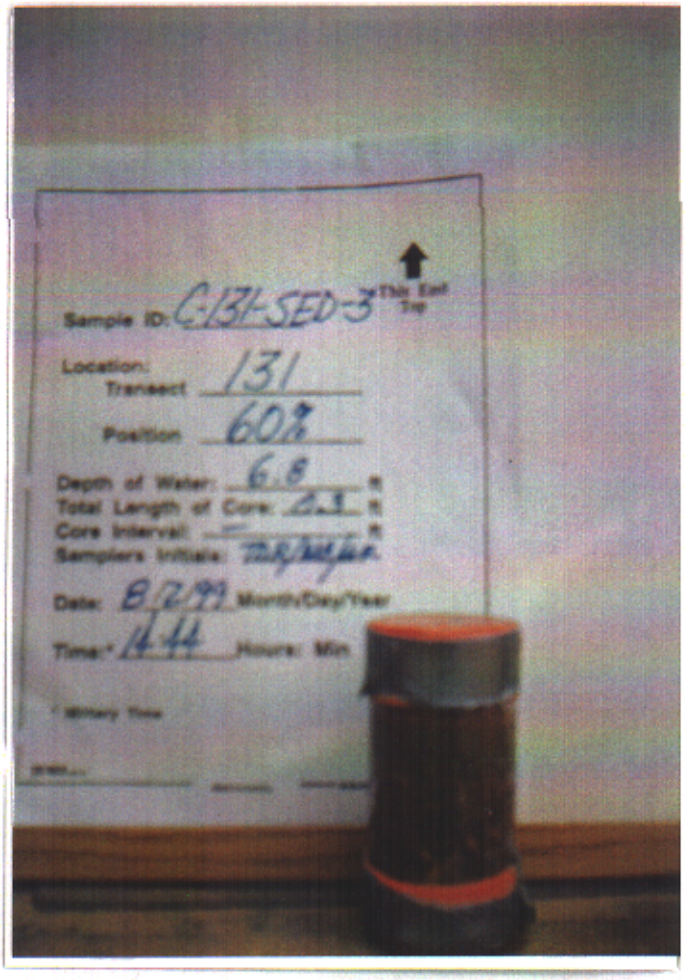
5' - High

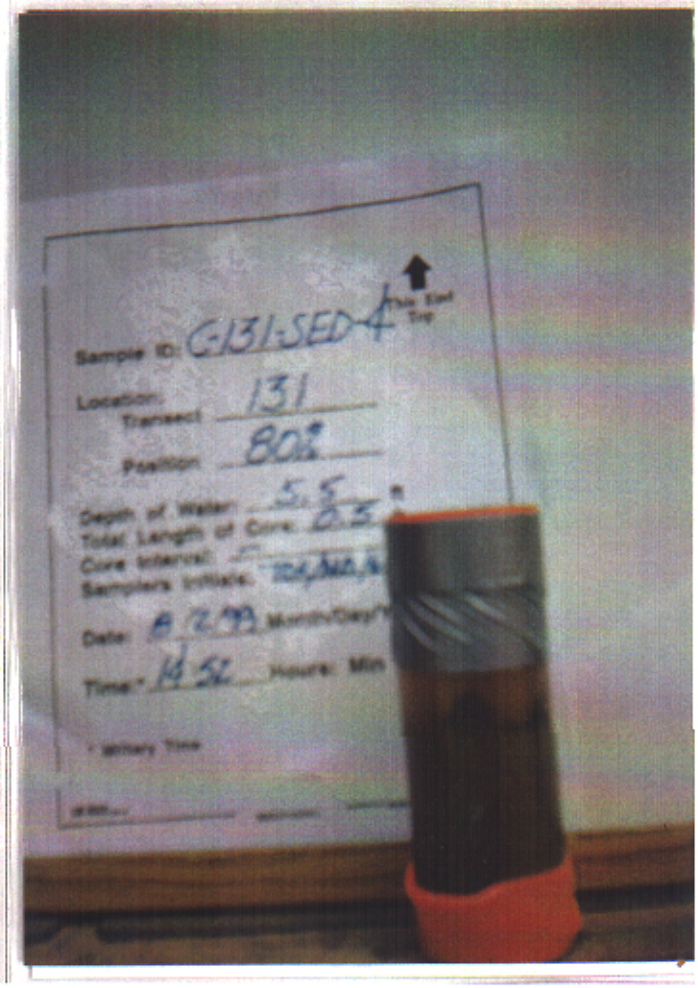


W/D#447 626 33 N N N Nc<No.15 >M563




Sample ID: C-131-SED-1
Location:
Transect 131
Position 20%
Depth of Water: 9.3 ft
Total Length of Core: 1.3 ft
Core Interval: — ft
Samplers Initials:
Date: 8 2 99 Month/Day/Year
Time: 14 28 Hours: Min
Military Time


Sample ID: C-131-SED-3
This End Top
Location:
Transect 131
Position 60%
Depth of Water: 6.8 ft
Total Length of Core: 2.3 ft
Core Interval: — ft
Samplers Initials:
Date: 8 2 99 Month/Day/Year
Time: 14 44 Hours: Min
Military Time


Sample ID: C-131-SED-4
This End Top
Location:
Transect 131
Position 80%
Depth of Water: 5.5 ft
Total Length of Core: 0.3
Core Interval: — ft
Samplers Initials:
Date: 8 2 99 Month/Day/Year
Time: 14 52 Hours: Min
Military Time

This End Top

Sample ID: C-132-SED-1

Location:

Transect 132

Position 20%

Depth of Water: 9.0 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/2/99 Month/Day/Year

Time:* 16:03 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-132-SED-2

Location:

Transect 132

Position 40%

Depth of Water: 9.0 ft

Total Length of Core: 1.2 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/2/99 Month/Day/Year

Time:* 16:18 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-132-SED-3

Location:

Transect 132

Position 60%

Depth of Water: 9.0 ft

Total Length of Core: 0.8 ft

Core Interval: – ft

Samplers Initials: TOR/MB/GR

Date: 8/2/99 Month/Day/Year

Time:* 16:28 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-132-SED-4

Location:

Transect 132

Position 80%

Depth of Water: 6.3 ft

Total Length of Core: 0.8 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/2/99 Month/Day/Year

Time:* 16:38 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Sample(s) _____

Transect Number 132

Date 8/2/99 **Time In** 1540 **Time Out** 1650

Total Water Width 145'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	31'	62'	93'	124'
Water Column	9.0	9.0	9.0	6.3
Sediment Penetrated	1.5	1.4	1.6	.8
Sediment Recovered	.30	1.2	.8	.8
Time	1603	1618	1628	1638
Sample ID	C-132-SED-1 BRN FINE TO COARSE SAND, SOME SILT	C-132-SED-2 FINE TO COARSE SAND Small GRAVEL, SILT, Some ORGANICS	C-132-SED-3 Fine to MED SAND, ORGANICS	C-132-SED-4 SILT, Fine to MED Sand, Organics

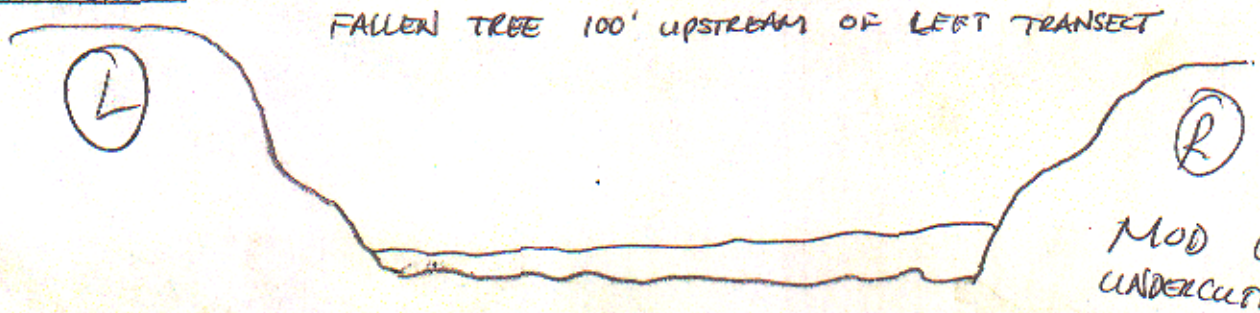
Station	Total Depth	Depth .2	Depth .6	Depth .8	Velocity .2	Velocity .6	Velocity .8	Average Velocity	Flow
0 + 20	9.4	1.88		7.52	~~.8~~ .8		~~.12~~ .12	0.46	86.48
0 + 40	9.2	1.84		7.36	~~.22~~ .22	.10 .22	~~.22~~ .22 .10	0.16	29.44
0 + 60	9.0	1.80		7.20	.25		~~.18~~ .18	~~1.025~~ 0.215	~~184.5~~ 38.7
0 + 80	9.1	1.82		7.28	.35		.28	0.315	57.33
0 + 100	8.8	1.76		7.04	.30		.24	0.27	47.52
0 + 120	6.7	1.34		5.36	.22		.13	0.175	52.7625
								~~0.4008~~ 0.2658	~~458.0325~~ 312.2325

Photo 3 & 4

Notes

Bank Sketch

FALLEN TREE 100' UPSTREAM OF LEFT TRANSECT



MOD EROSION UNDERCUTTING

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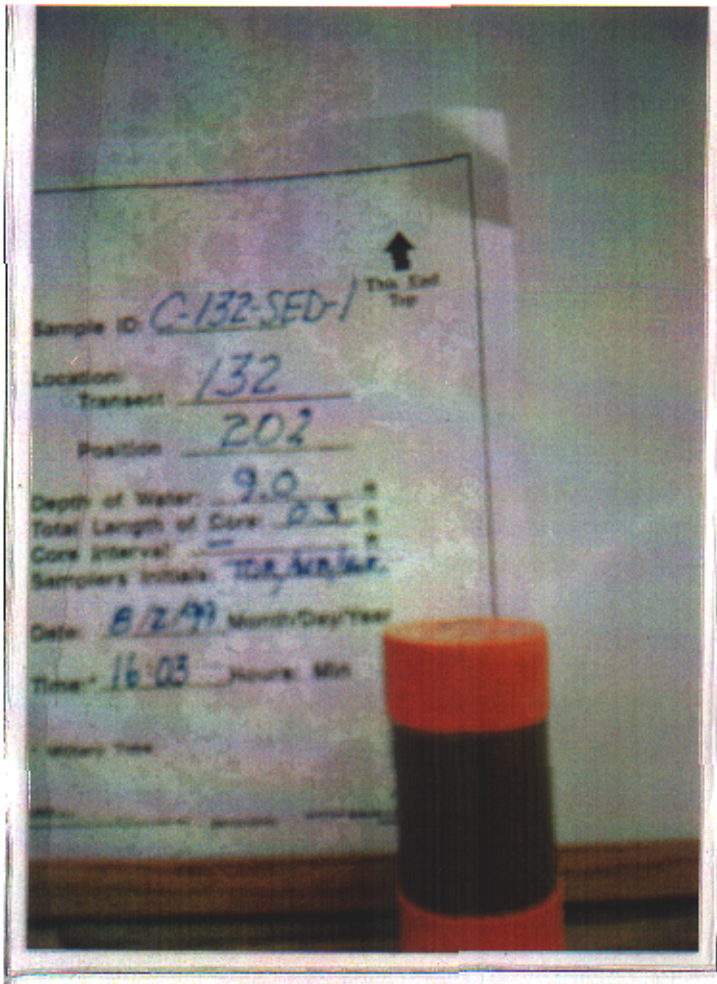
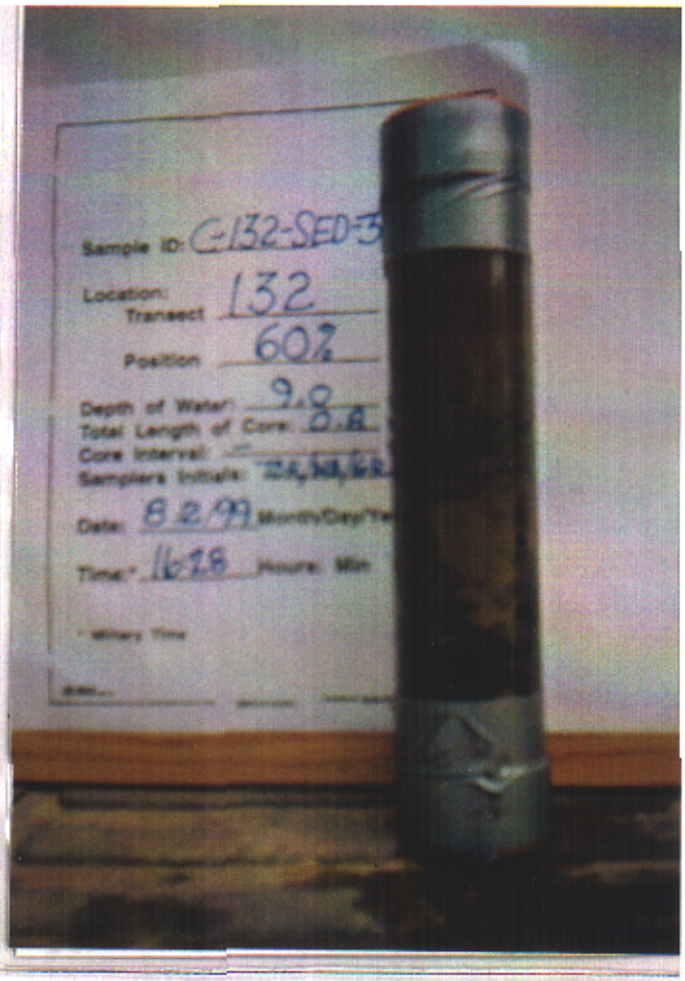
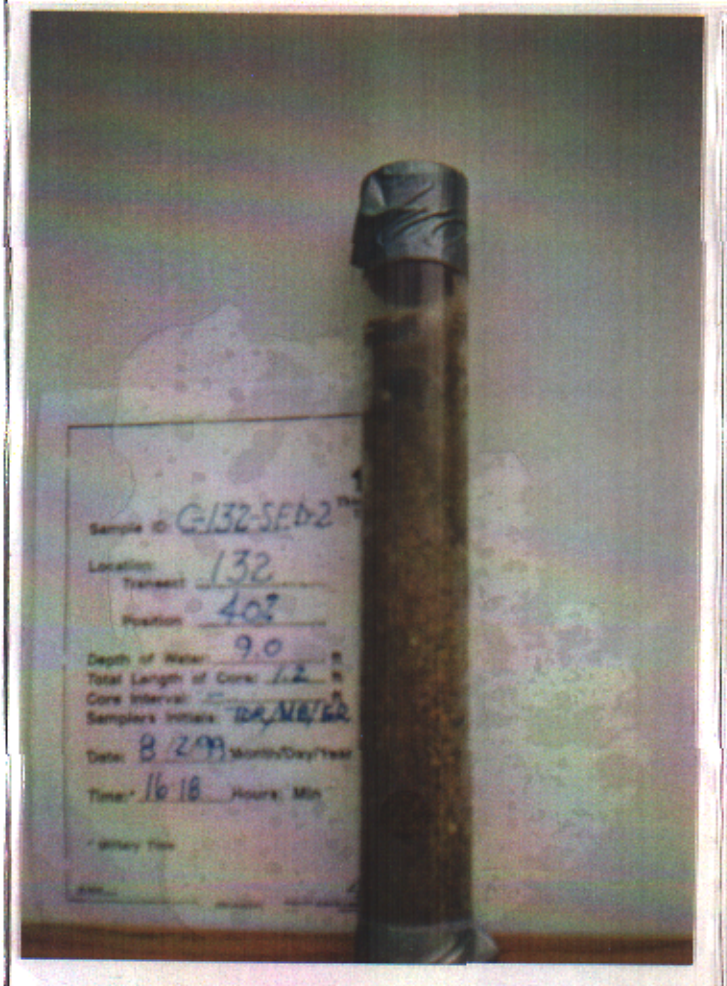
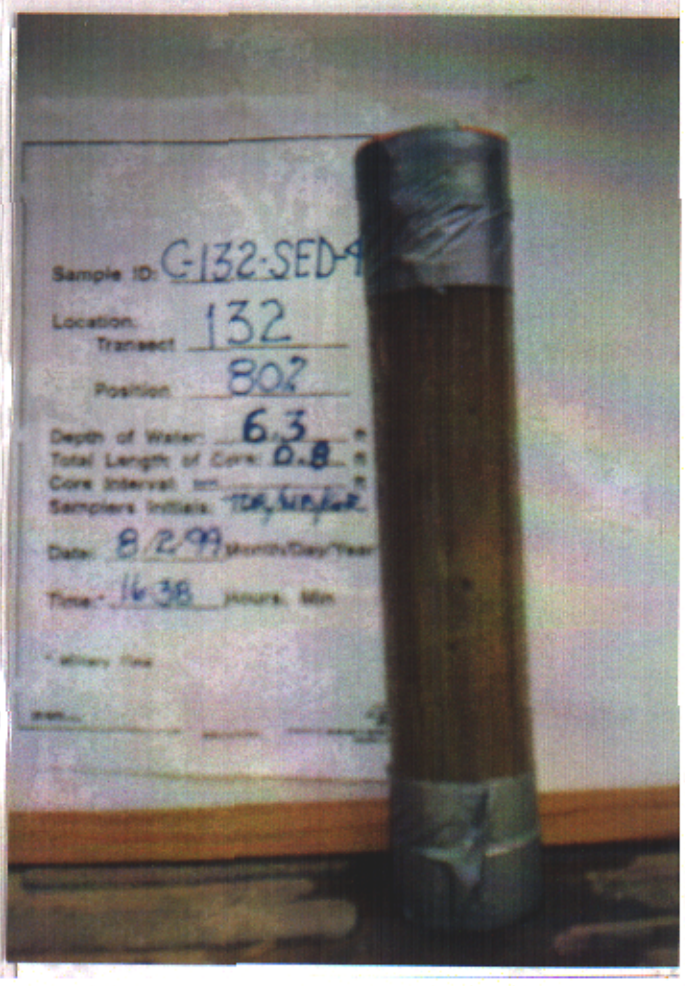
W/D#447 626 40 N N N Nc<No.18 >HSS3


Sample ID: C-132-SED-1
This End Top
Location:
Transect 132
Position 20%
Depth of Water: 9.0 ft
Total Length of Core: 0.3 ft
Core Interval: — ft
Samplers Initials: TDR, NB, GR
Date: 8/2/99 Month/Day/Year
Time:* 16:03 Hours: Min
* Military Time


Sample ID: C-132-SED-3
Location:
Transect 132
Position 60%
Depth of Water: 9.0
Total Length of Core: 0.8
Core Interval: —
Samplers Initials: TDR, NB, GR
Date: 8/2/99 Month/Day/Year
Time:* 16:28 Hours: Min
* Military Time


Sample ID: C-132-SED-2
Location:
Transect 132
Position 40%
Depth of Water: 9.0 ft
Total Length of Core: 1.2 ft
Core Interval: — ft
Samplers Initials: TDR, NB, GR
Date: 8/2/99 Month/Day/Year
Time:* 16:18 Hours: Min
* Military Time


Sample ID: C-132-SED-4
Location:
Transect 132
Position 80%
Depth of Water: 6.3 ft
Total Length of Core: 0.8 ft
Core Interval: — ft
Samplers Initials: TDR, NB, GR
Date: 8/2/99 Month/Day/Year
Time:* 16:38 Hours: Min
* Military Time

Sample ID: C-133-SED1

This End Top

Location:

Transect 133

Position 20%

Depth of Water: 6.3 ft

Total Length of Core: 0.8 ft

Core Interval: ____ ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 09:05 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-133-SED-2

Location:

Transect 133

Position 40%

Depth of Water: 6.7 ft

Total Length of Core: 0.4 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 09:12 Hours: Min

* Military Time

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This End Top

Sample ID: C-133-SED-4

Location:
Transect 133

Position 80%

Depth of Water: 9.0 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 09:22 Hours: Min

* Military Time

0MB3 DS4-CJH
645011BN64501g09.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 133

Date 8/3/99 **Time In** 8:50 **Time Out** 1016

Total Water Width 151

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~30~~ 25'	60	90	~~120~~ 115
Water Column	~~6.5~~ 6.3'	6.7'	9.0'	9.0'
Sediment Penetrated	0.8'	0.6'	—	0.6'
Sediment Recovered	0.8'	0.4'	—	0.3'
Time	9:05	9:12	No Sample	9:22
Sample ID	C-133-Sed-1	C-133-Sed-2	Bedrock	C-133-Sed-4
	0'-0.8'-Brown silt	0'-0.4'-Grey brown fine silt, some organic matter		0'-0.3'-Brown silt

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
No Velocities					

Picture 5 - Right Bank Picture 6 - Left Bank

Notes

Left Bank - Bedrock at water surface from 20' - 50' Downstream

Station 0+30 - Bedrock

Station 0+90, 0+85, 0+95 - Bedrock

Station 0+120 - 0.1' Sediment

Bank Sketch





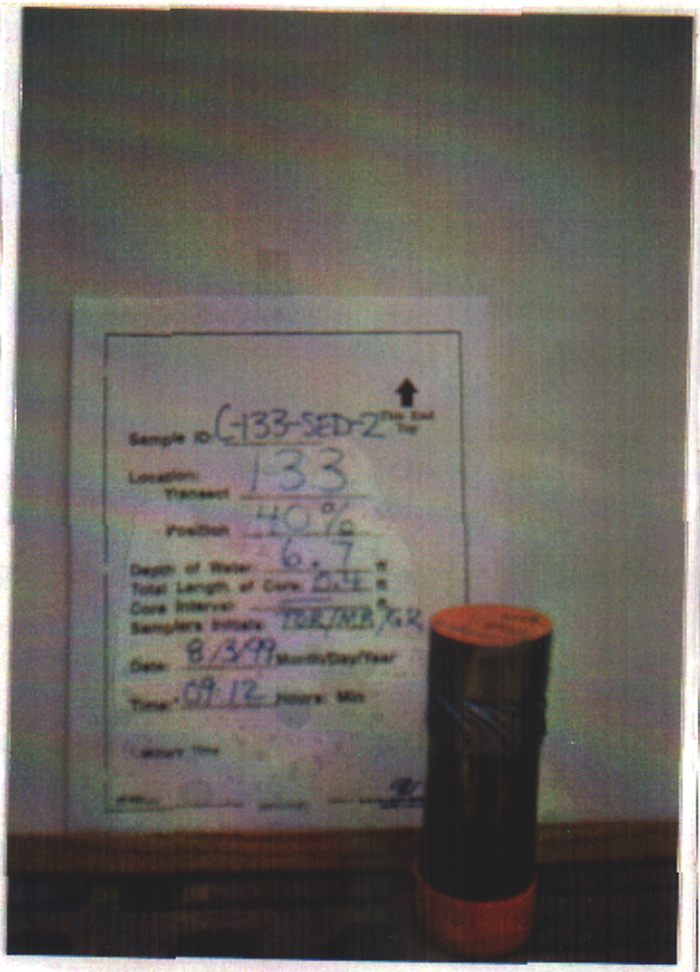
W/D#447 624 2 N N N 1.c<No. XA>MESS3

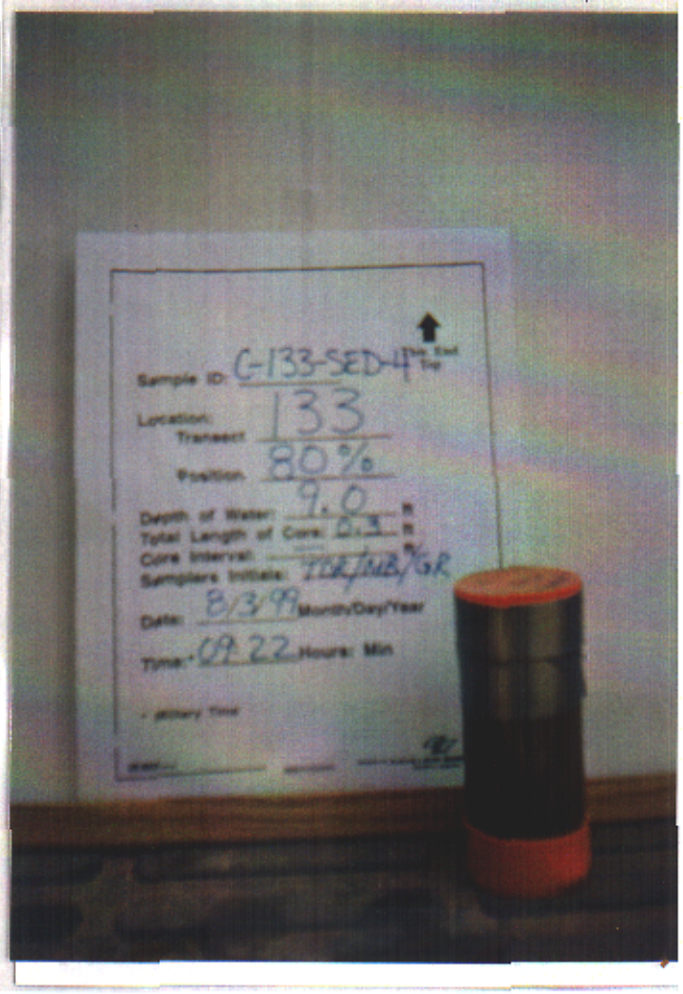


W/D#447 624 4 N N N 1.c<No.00A>MESS3



W/D#447 625 10 N N N 1c<No. 5 >M563





This End Top

Sample ID: C-134-SED-1

Location:

Transect 134

Position 20%

Depth of Water: 5.9 ft

Total Length of Core: 1.3 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 10:38 Hours: Min

* Military Time

01/93 D54-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-134-SED-2

Location:

Transect 134

Position 40%

Depth of Water: 6.7 ft

Total Length of Core: 1.0 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 10:47 Hours: Min

* Military Time

01/93 D54-DJH
845011SR/845011g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 134

Date 8/3/99 **Time In** 1025 **Time Out** 1145

Total Water Width 175

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	35'	70' 65	105'	140'
Water Column	5.9	6.7	6.0	5.0
Sediment Penetrated	1.3	1.6		
Sediment Recovered	1.3	1.0		
Time	1038	1041		
Sample ID	C-134-SED-1 .4 - SILT, MED TO COARSE SAND	C-134-SED-2 FINE to MED SAND	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO	VELOCITY		

Photo 7:8

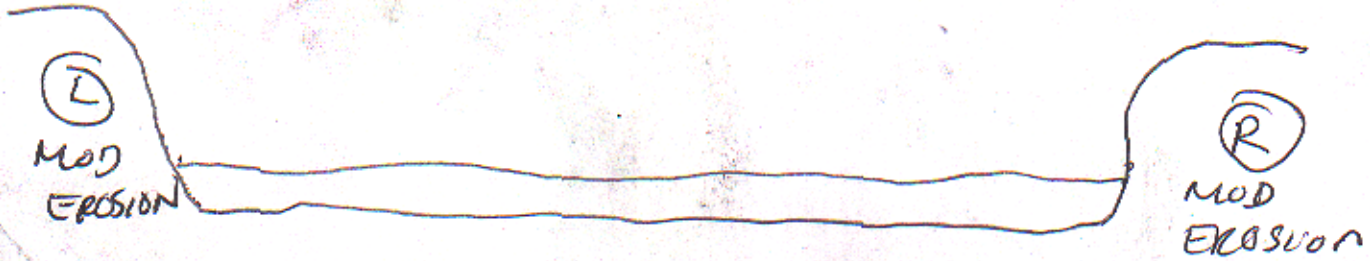
Notes

40% - 70' shift to 65 → BEDROCK; .10' of SAND

60% - 105' to 110 → BEDROCK, shift to 95' → BEDROCK

80% - 140' shift to 135 → BEDROCK; .10' of SAND, shift to 145' → BEDROCK & .10' of S

Bank Sketch



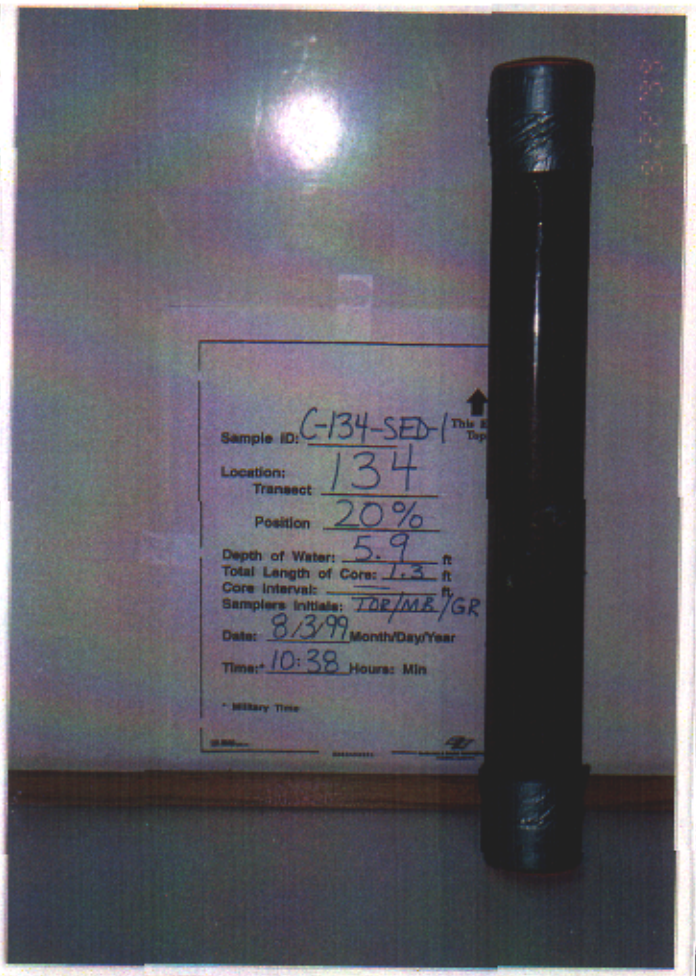


134 RIGHT

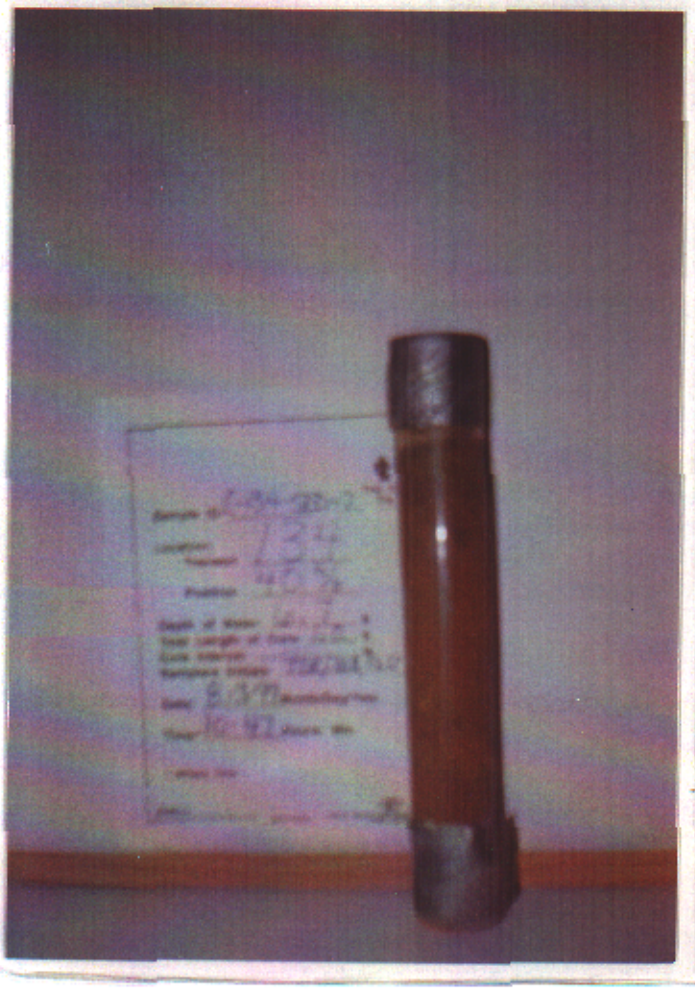


134 LEFT

W/D#447 48 37 N N N Nc< >M552



W/D#447 625 14 N N N 1c<No. 7 >M5S3



W/D#447 625 16 N N N 1c<No. 8 >M5S3

This End Top

Sample ID: C-135-SED-1

Location:

Transect 135

Position 20%

Depth of Water: 7.0 ft

Total Length of Core: 0.2 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 12:10 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 135

Date 8/3/99 **Time In** 12:00 **Time Out** 1301

Total Water Width 173

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	34	68	102	136
Water Column	7.0'	6.8	6.5	7.1
Sediment Penetrated	0.3'	—	—	4
Sediment Recovered	0.2'	—	—	—
Time	12:10	No Sample	No Sample	No Sample
Sample ID	C-135-Sed-01	Bedrock	Bedrock	Rock

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
NS					
Left Bank					

Picture 9: Right Bank Picture 10: Left Bank

Notes

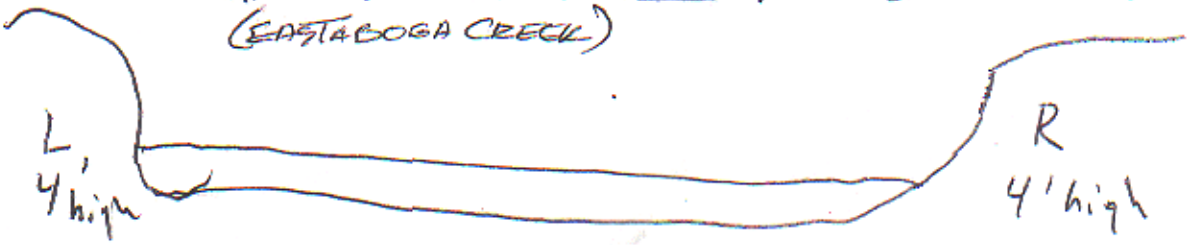
0760 - Bedrock 0763 to 0773: 0.1' to 0.2' of sediment

~~0702, 0+~~ 1402, 0797 + 1407 - Rock

1436, 1138 + 1441 - Rock

Bank Sketch

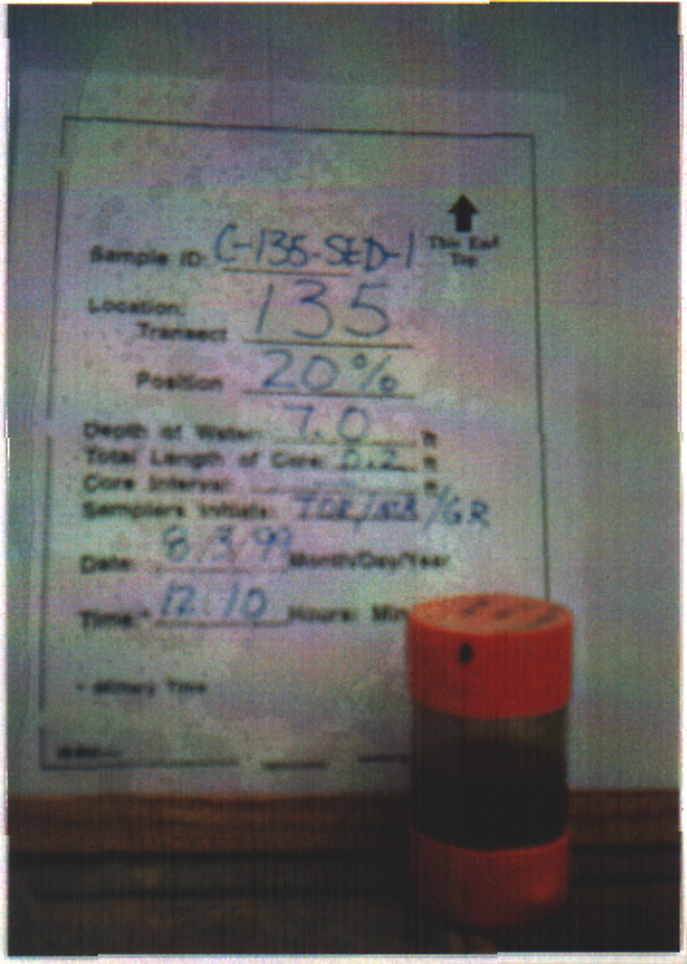
UNNAMED TRIBUTARY 350 FEET DOWNSTREAM OF TRANSECT (EASTABOGA CREEK)







W/D#447 624 9 N N N 1c<No. 3A>M563



W/D#447 625 18 N N N Nc<No. 9 >MSS3

W/D#447 625 28 N N N 1c<No.14 >MSS3



This End Top

Sample ID: C-136-SED-1

Location:

Transect 136

Position 20%

Depth of Water: 9.3 ft

Total Length of Core: 0.8 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 13:40 Hours: Min

* Military Time

01/93 D54-DJH
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KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-136-SED-2

Location:

Transect 136

Position 40%

Depth of Water: 12.8 ft

Total Length of Core: 0.8 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 13:56 Hours: Min

* Military Time

0493 D54-DJH
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KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 136

Date 8/3/99 **Time In** 1315 **Time Out** 1505

Total Water Width 142

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	28'	56	84'	112'
Water Column	9.3	12.8	15.8	18.0
Sediment Penetrated	1.5	2.8		
Sediment Recovered	.8	.8		
Time	1340	1354		
Sample ID	C-136-SED-1 SILT ORGANICS, F.NE TO MED SAND	C-136-SED-2 FINE to MED SAND SILT, ORGANICS	NO SAMPLE	NO SAMPLE

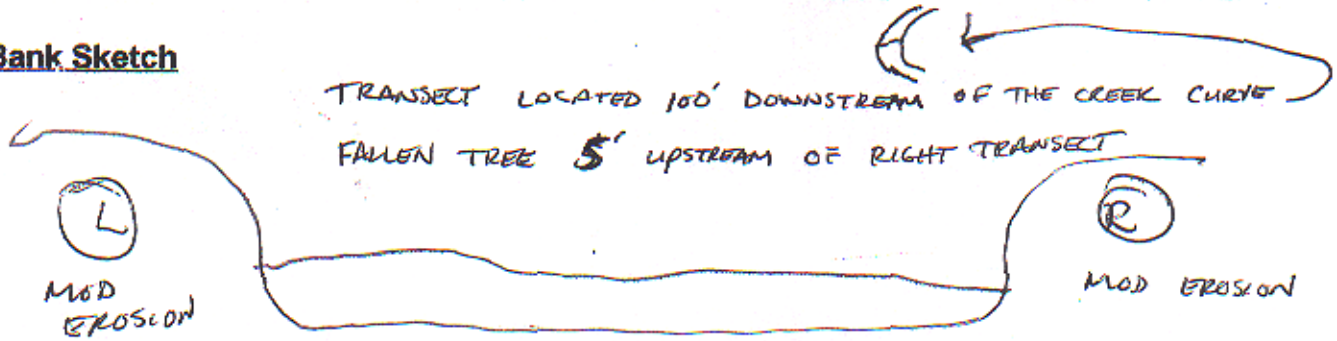
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+30	9.6	1.92 | 17.68	.15 | 1.05	0.10	28.8
0+60	13.2	2.64 | 10.56	.16 | 1.09	0.125	49.5
0+90	16.2	3.24 | 12.86	.17 | 1.10	0.135	65.61
0+120	16.5	3.31 | 13.2	.21 | 1.07	0.14	120.12
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |	0.125	264.03

Photo 10 : 11

Notes

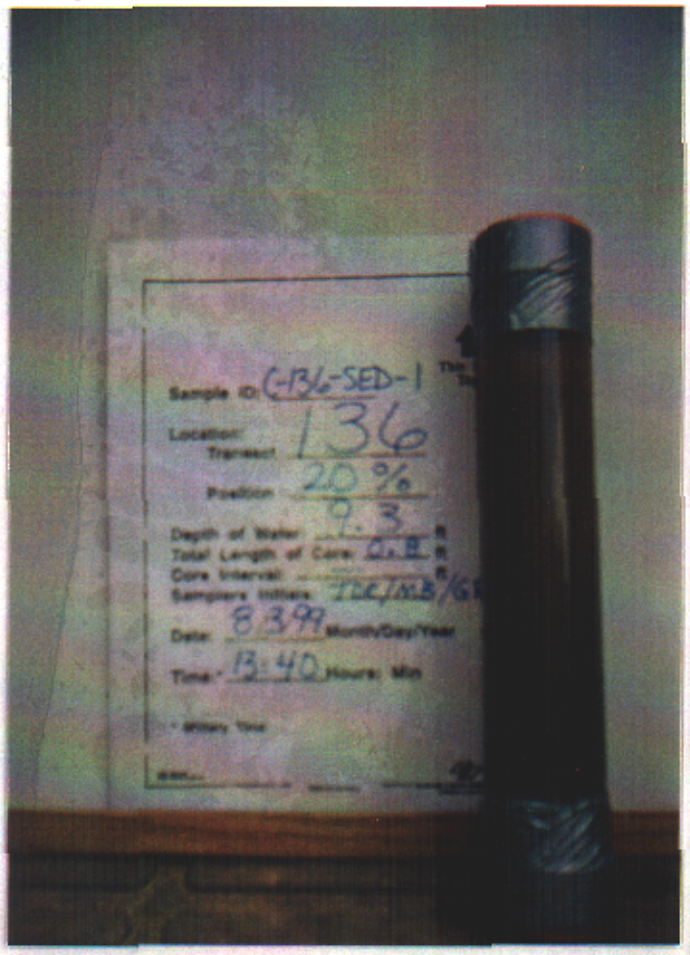
60% - 84' shift to 79' → BEDROCK, shift to 89' → BEDROCK, APPROX. 3' of SAND w/16.2 water c
80% - 112' shift to 107' → BEDROCK, shift to 117' - BEDROCK

Bank Sketch



W/D#447 624 14 N N N 1<3No. 6 >YES3

W/D#447 624 11 N N N 1<3No. 5 >YES3



W/D#447 625 20 N N N 1c<No.10 >MSS3



W/D#447 625 22 N N N 1c<No.11 >MSS3



This End Top

Sample ID: C-137-SED-1

Location:

Transect 137

Position 20%

Depth of Water: 11.6 ft

Total Length of Core: 0.7 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 15:32 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-137-SED-2

Location:

Transect 137

Position 40 %

Depth of Water: 9.8 ft

Total Length of Core: 0.8 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 15:40 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-137-SED-3

Location:

Transect 137

Position 60%

Depth of Water: 7.3 ft

Total Length of Core: 1.4 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 15:50 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-137-SED-4

Location:
Transect 137

Position 80%

Depth of Water: 7.5 ft

Total Length of Core: 1.5 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/3/99 Month/Day/Year

Time:* 16:00 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 137

Date 8/3/99 **Time In** 15:20 **Time Out** 1645

Total Water Width 195

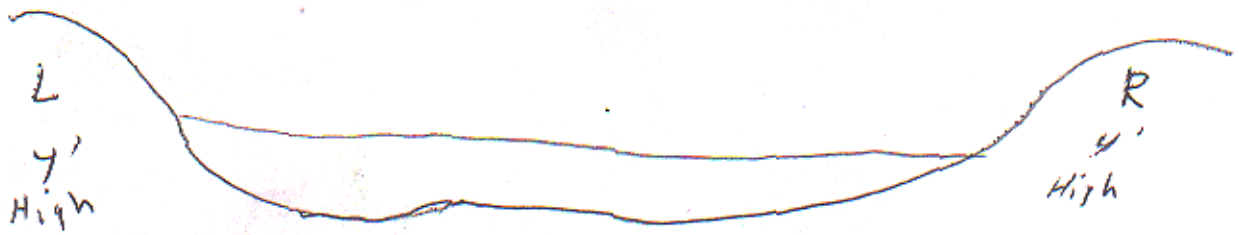
Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	39	78	117	156
Water Column	11.6'	9.8'	7.3'	7.5'
Sediment Penetrated	0.7'	1.2'	1.6'	2.0'
Sediment Recovered	0.7'	0.8'	1.4'	1.5'
Time	15:32	15:40	15:50	16:00
Sample ID	C-137-SED-1 Grey-brown silt	C-137-SED-2 0'-0.3' Brown silt 0.3'-0.8' Brown fine sand	C-137-SED-3 0'-0.3' Brown silt 0.3'-1.4' Brown fine sand	C-137-SED-4 0'-0.5' Brown silt 0.5'-1.5' Brown fine s

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
No Velocities					

Picture 12 - Right Bank Picture 13 - Left Bank

Notes

Bank Sketch





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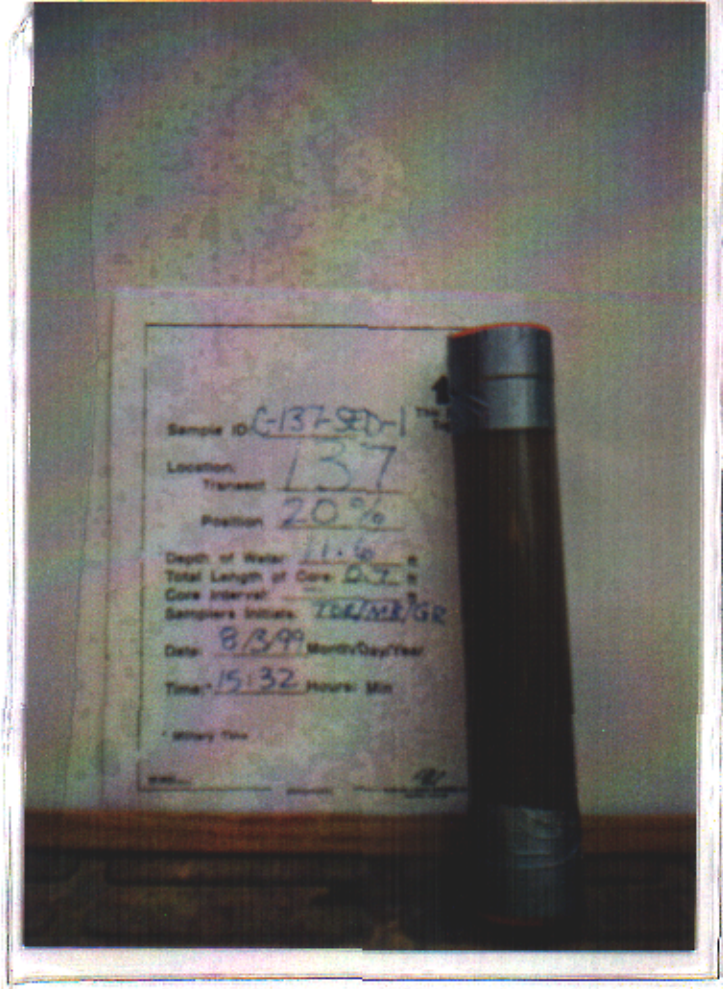
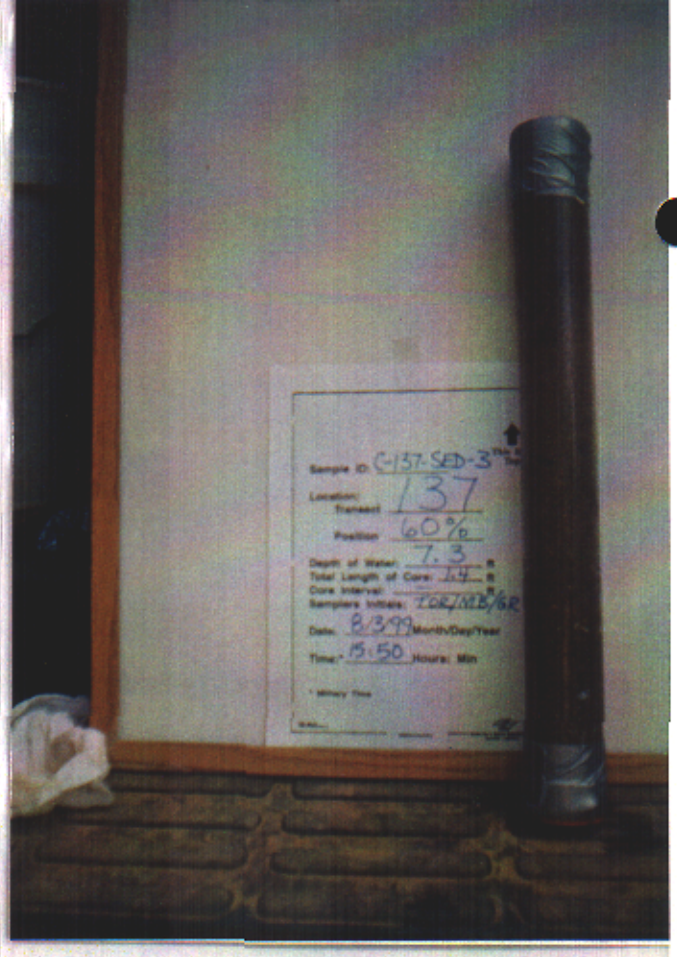
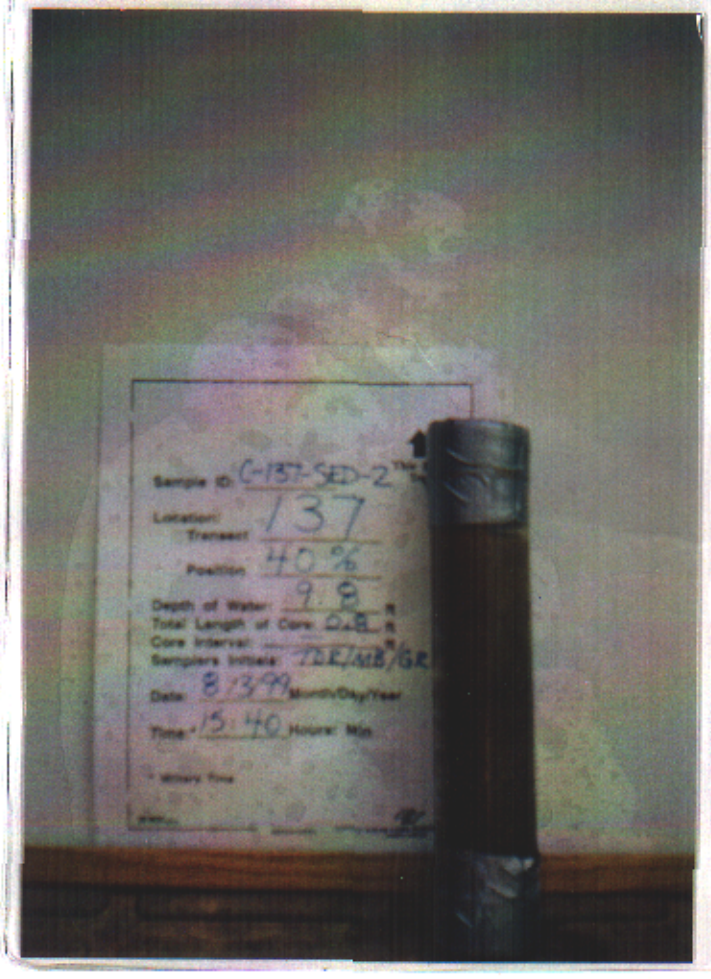
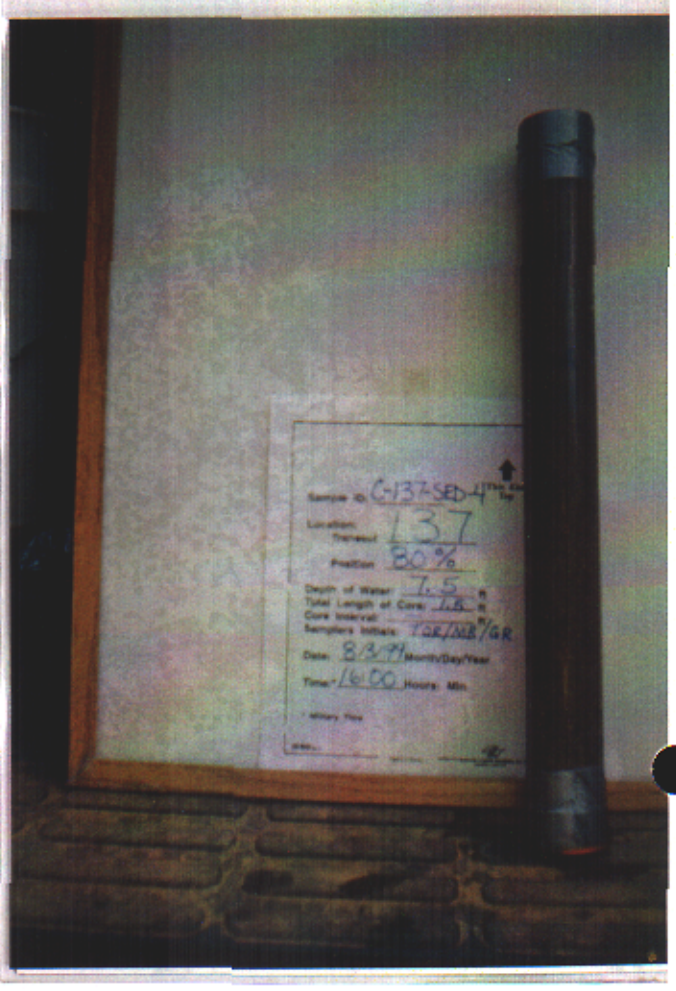

Sample ID: C-137-SED-1
Location: Transect 137
Position 20%
Depth of Water 1.6 ft
Total Length of Core 0.7 ft
Core Interval: in
Samplers Initials: TOR/MB/GR
Date 8/3/99 Month/Day/Year
Time* 15:32 Hours: Min
* Military Time


Sample ID: C-137-SED-3
Location: Transect 137
Position 60%
Depth of Water 7.3 ft
Total Length of Core 1.4 ft
Core Interval: in
Samplers Initials: TOR/MB/GR
Date 8/3/99 Month/Day/Year
Time* 15:50 Hours: Min
* Military Time


Sample ID: C-137-SED-2
Location: Transect 137
Position 40%
Depth of Water 9.8 ft
Total Length of Core 0.8 ft
Core Interval: in
Samplers Initials: TOR/MB/GR
Date 8/3/99 Month/Day/Year
Time* 15:40 Hours: Min
* Military Time


Sample ID: C-137-SED-4
Location: Transect 137
Position 80%
Depth of Water 1.5 ft
Total Length of Core 1.5 ft
Core Interval: in
Samplers Initials: TOR/MB/GR
Date 8/3/99 Month/Day/Year
Time* 16:00 Hours: Min
* Military Time



This End Top

Sample ID: C-138-SED-1

Location:

Transect 138

Position 20%

Depth of Water: 9.3 ft

Total Length of Core: 0.50 ft

Core Interval: _____ ft

Samplers. Initials: TOR/MB/GR

Date: 08/4/99 Month/Day/Year

Time:* 09:35 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-138-SED-2

Location:

Transect 138

Position 40 %

Depth of Water: 7.8 ft

Total Length of Core: 0.70 ft

Core Interval: ____ ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 09:41 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-138-SED-3

Location:

Transect 138

Position 60%

Depth of Water: 8.4 ft

Total Length of Core: 1.0 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 09:55 Hours: Min

* Military Time

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6450115R/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-138-SED-4

Location:
Transect 138

Position 80%

Depth of Water: 5.2 ft
Total Length of Core: 1.1 ft
Core Interval: — ft
Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 10:01 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 138

Date 8/4/99 **Time In** 0925 **Time Out** 10:30

Total Water Width 220

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	44' 49'	88	~~132~~ 127'	176'
Water Column	9.3	7.8	8.4	5.2
Sediment Penetrated	.50	1.0	2.2	1.8
Sediment Recovered	.50	.70	1.0	1.1
Time	0935	0941	0955	1001
Sample ID	C-138-SED-1 SILT W/VERY FINE SAND	C-138-SED-2 SILT, VERY FINE SAND, MED COBBER STONE	C-138-SED-3 MED TO COARSE SAND W/SMALL COBBER STONE	C-138-SED-4 SILTING TO COARSE SAND W/ SMALL COBBER STONE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITY			

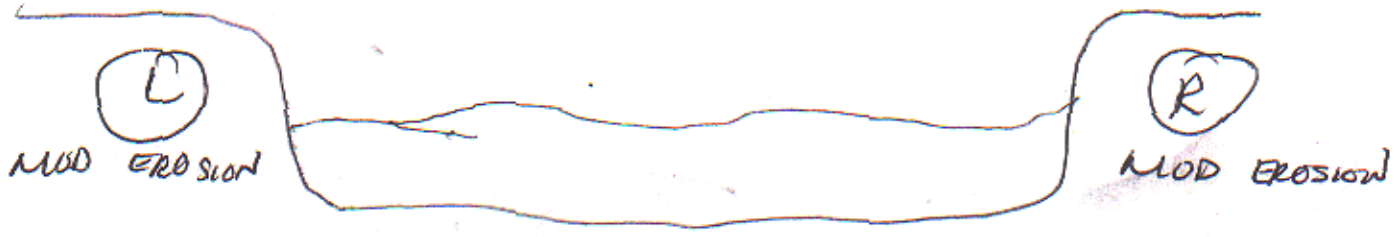
Notes

20% - 44' shift to 39' → BEDROCK W/.10' of SAND, shift to 49'

60% - 132 shift to 127 → ROCKS

Photo 15 | 16

Bank Sketch



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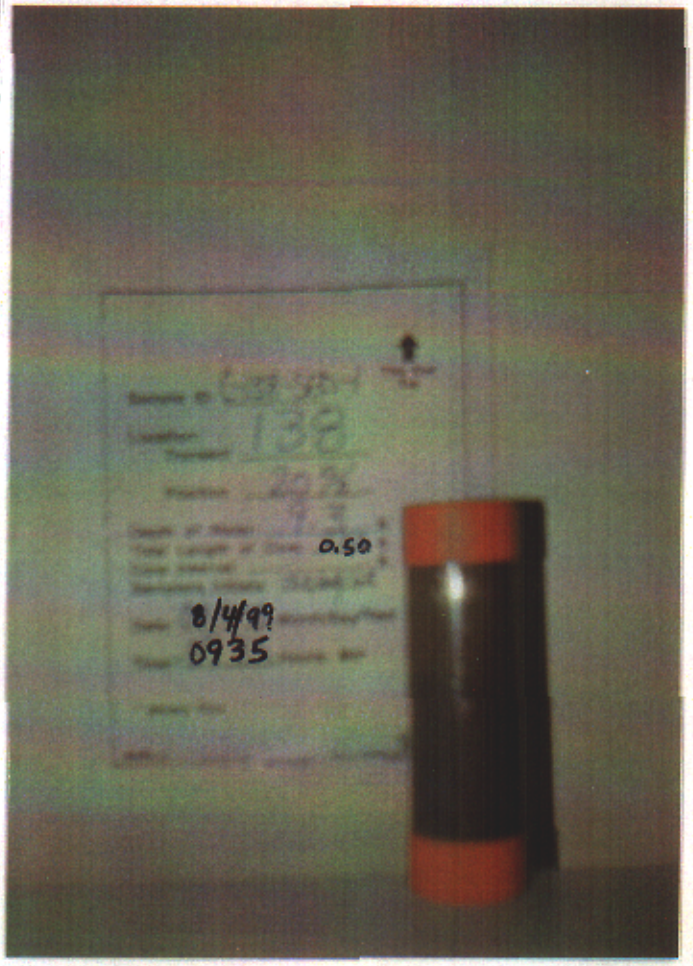
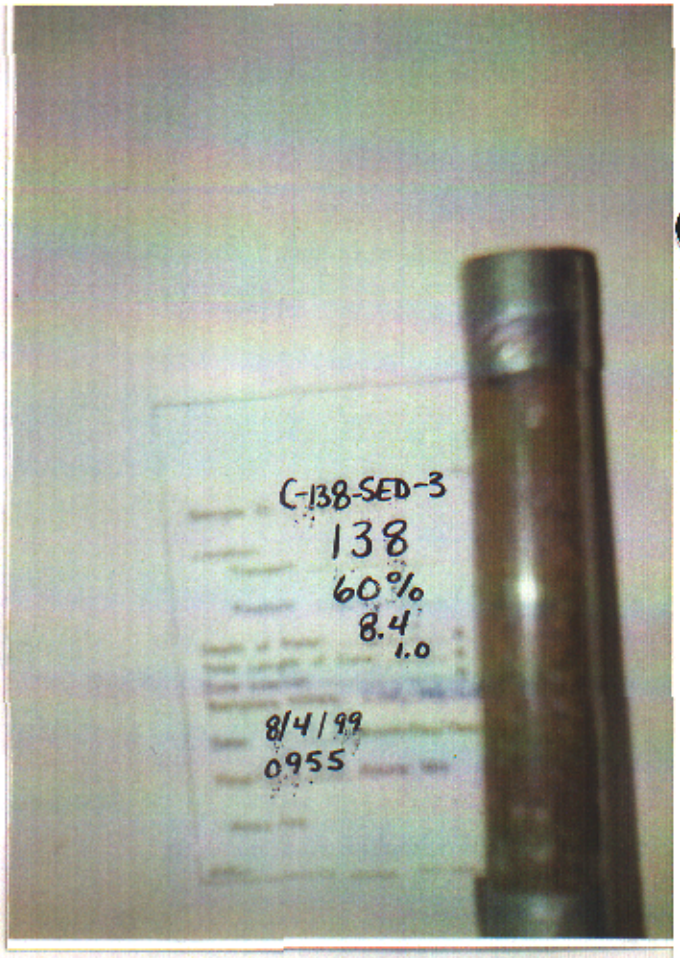
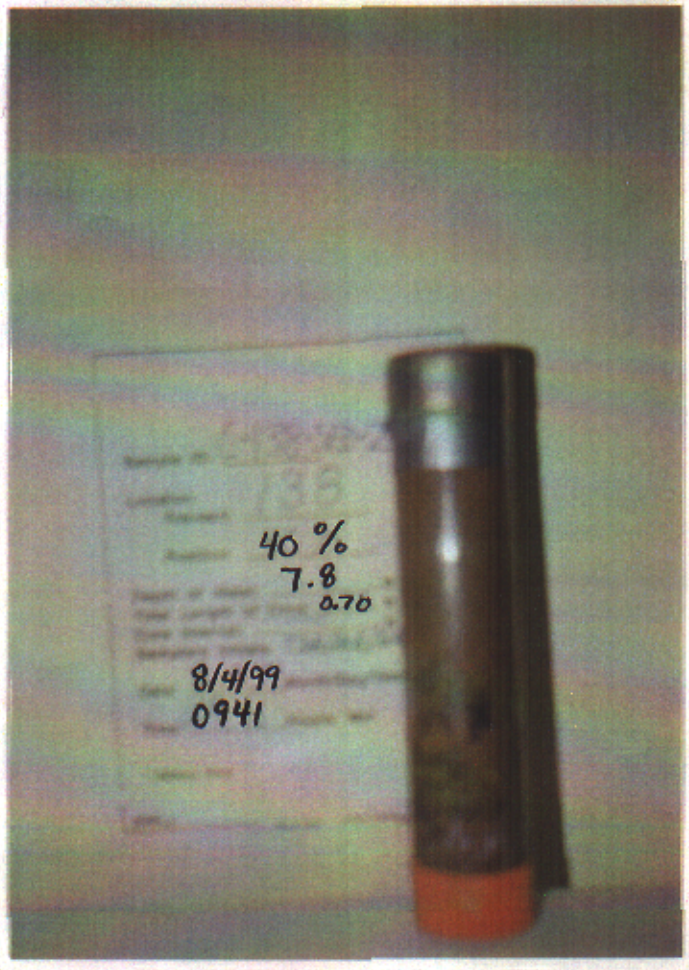
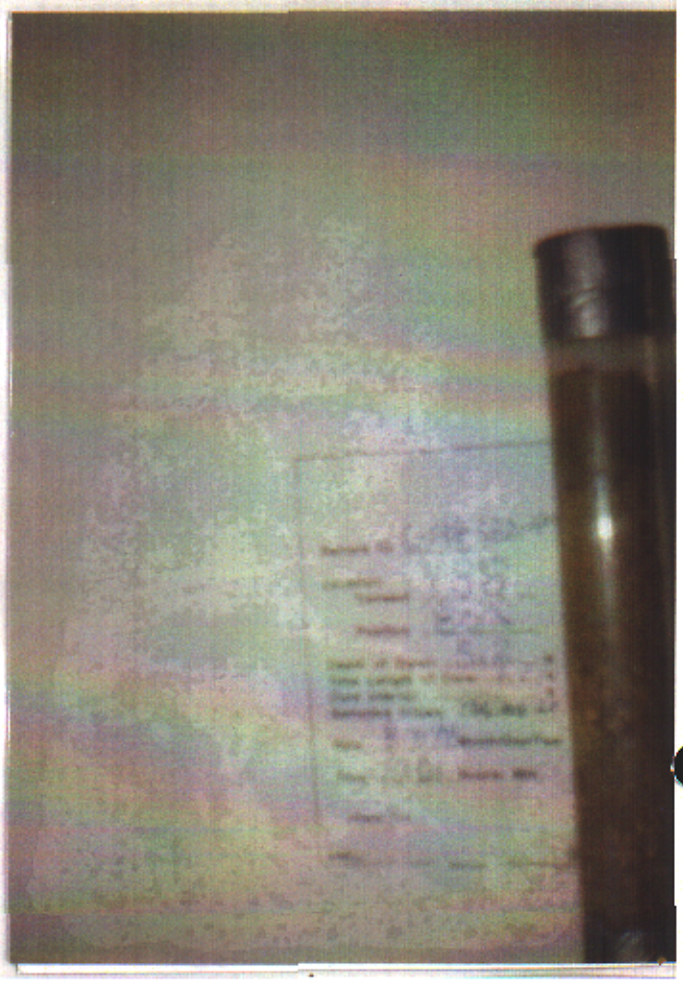
W/DR447 624 24 N N N Nc<No.11 >R653


138
0.50
8/4/99
0935


C-138-SED-3
138
60%
8.4
1.0
8/4/99
0955


40 %
7.8
0.70
8/4/99
0941



This End Top

Sample ID: C-139-SED-2

Location:

Transect 139

Position 40%

Depth of Water: 16.0 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 11 : 15 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-139-SED-3

Location:

Transect 139

Position 60%

Depth of Water: 13.1 ft

Total Length of Core: 2.4 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 11:25 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-139-SED-4

Location:
Transect 139

Position 80%

Depth of Water: 10.6 ft
Total Length of Core: 0.7 ft
Core Interval: — ft
Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 11:35 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 139

Date 8/4/99 **Time In** 10:50 **Time Out** 12:00

Total Water Width 158'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	32	64	96	128
Water Column	10.5'	16.0'	13.1'	10.6'
Sediment Penetrated	—	0.8'	3.0'	1.3'
Sediment Recovered	—	0.5'	2.4'	0.7'
Time	No Sample	11:15	11:25	11:35
Sample ID	Rock	C-139-SED-2 Brown silt with fine sand	C-139-SED-3 0'-0.4' Brown silt 0.4'-2.4' Brown fine sand	C-139-SED-4 0'-0.7' Brown silt

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
No Velocities					

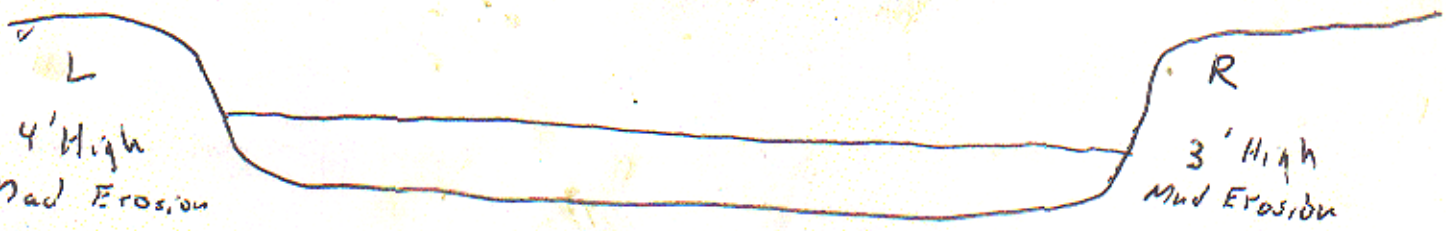
Return 17 - Right Bank 18' - Left Bank

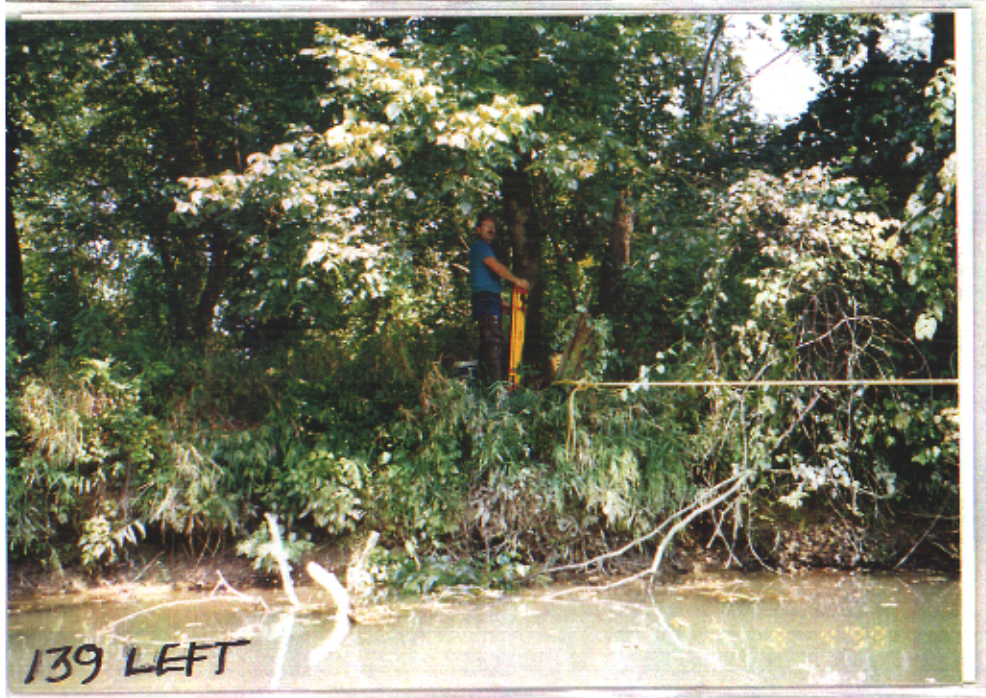
Notes

20% - 0+32, 0+27, 0+37 - Rock Water Depth at 0+37 - 12.2'

60% - 0+96 - Rock

Bank Sketch







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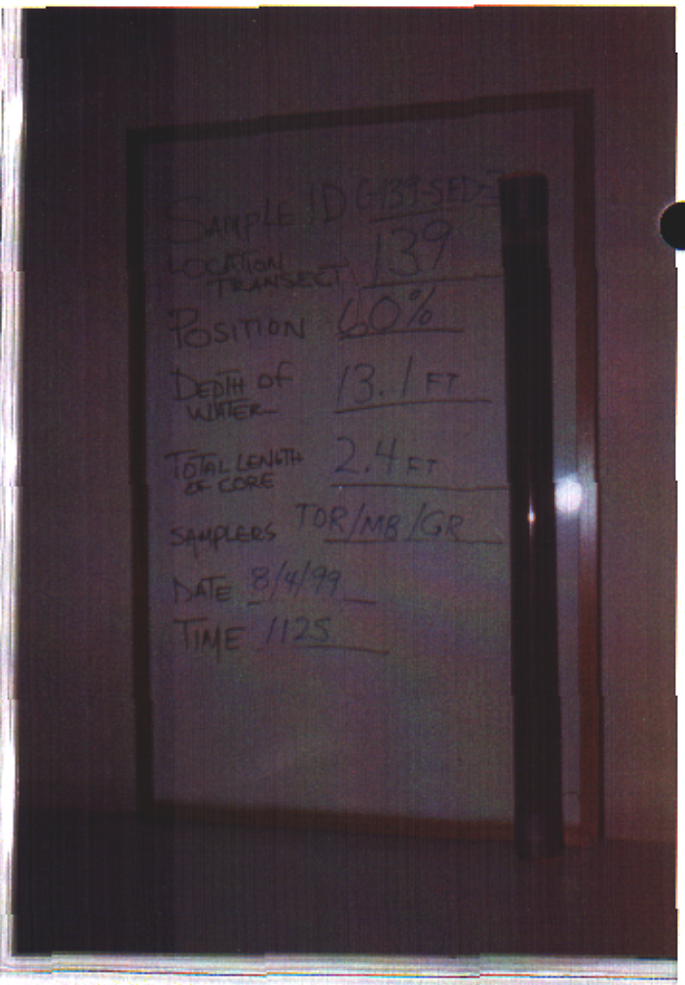
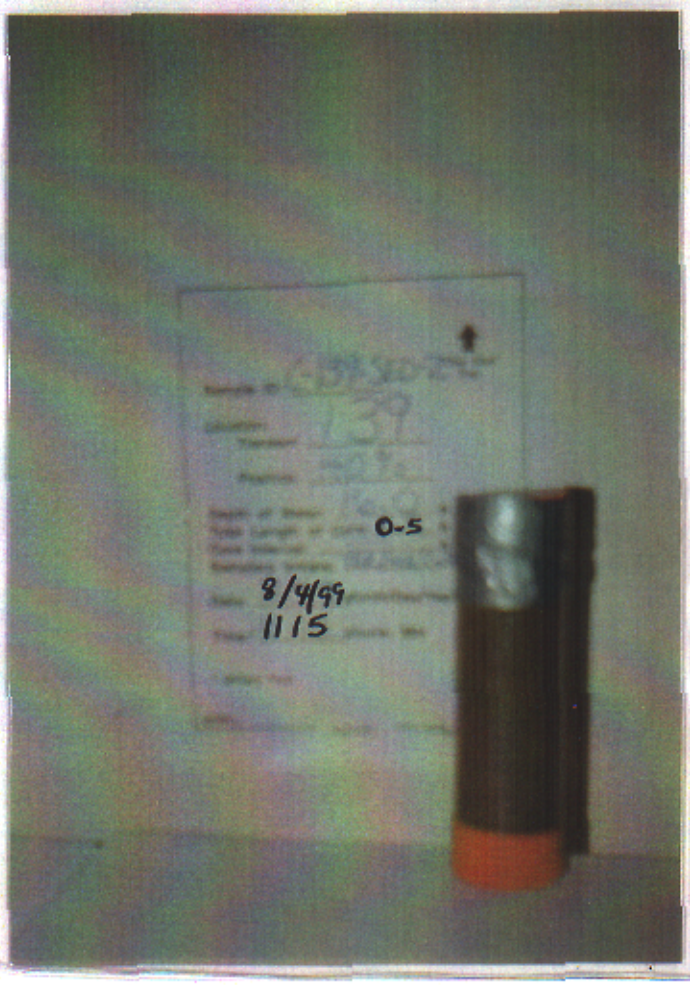
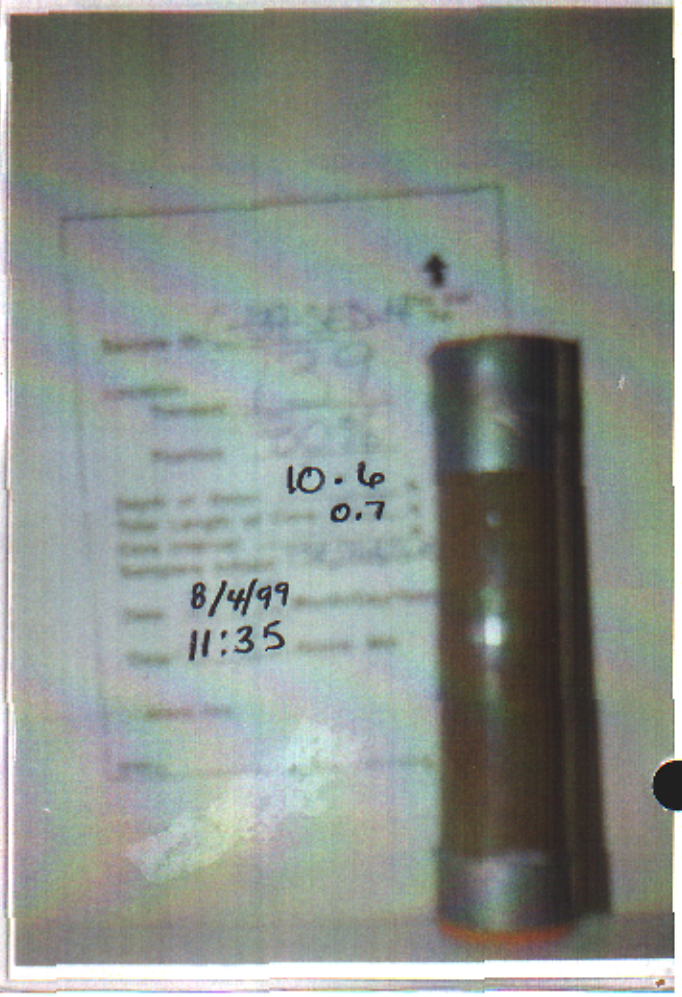

SAMPLE ID GBS-SED
LOCATION TRANSECT 139
POSITION 60%
DEPTH OF WATER 13.1 FT
TOTAL LENGTH OF CORE 2.4 FT
SAMPLERS TOR/MB/GR
DATE 8/4/99
TIME 1125


0-5
8/4/99
1115


10.6
0.7
8/4/99
11:35



This End Top

Sample ID: C-140-SED-1

Location:

Transect 140

Position 20%

Depth of Water: 10.5 ft

Total Length of Core: 0.7 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 12:25 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C140-SED-2

Location:

Transect 140

Position 40%

Depth of Water: 9.2 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 12:35 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-140-SED-3

Location:

Transect 140

Position 60%

Depth of Water: 8.2 ft

Total Length of Core: 0.45 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 12:44 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-140-SED-4

Location:

Transect 140

Position 80%

Depth of Water: 7.0 ft

Total Length of Core: 0.70 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 12:49 Hours: Min

* Military Time

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KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 140

Date 8/4/99 **Time In** 1210 **Time Out** 1350

Total Water Width 205

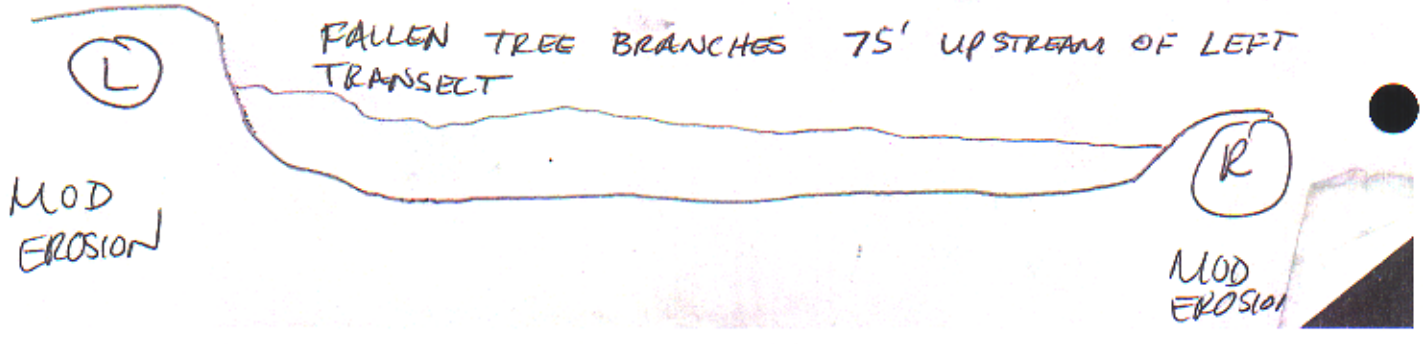
Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	41	82'	123'	164'
Water Column	10.5	9.2	8.2	7.0
Sediment Penetrated	.9	.5	.6	1.0
Sediment Recovered	.7	.3	.45	.70
Time	1225	1235	1244	1249
Sample ID	C-140-SED-1 SILT, VERY FINE SAND	C-140-SED-2 SILT, VERY FINE SAND, ORGANICS	C-140-SED-3 SILT, VERY FINE SAND, SMALL COBBLE STONE	C-140-SED-4 SILT, FINE TO MED SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+30	10.7	2.14 | 18.56	.21 | 1.10	0.155	49.755
0+60	10.0	2.00 | 18.00	.20 | 1.12	0.16	48.0
0+90	9.0	1.8 | 17.2	.23 | 1.14	0.185	49.95
0+120	8.2	1.64 | 16.56	.18 | 1.12	0.15	36.90
0+150	7.2	1.44 | 15.76	.22 | 1.12	0.17	36.72
0+180	6.3	1.26 | 15.04	.14 | 1.06	0.10	34.65
		| |	| |		
		| |	| |	0.153	255.975

photo 19 & 20

Notes

Bank Sketch





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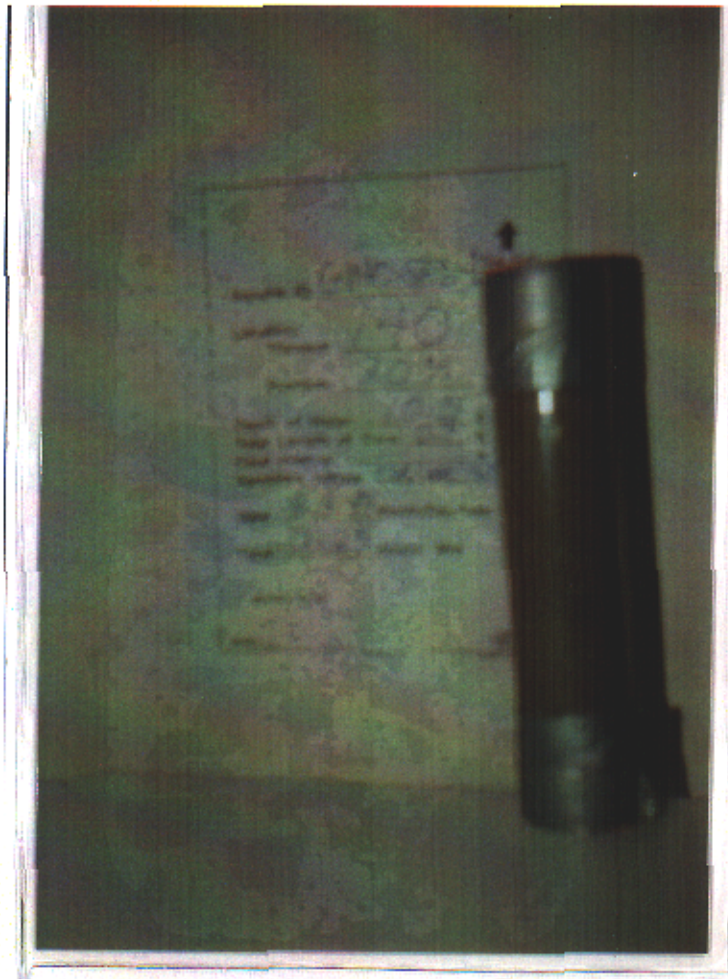
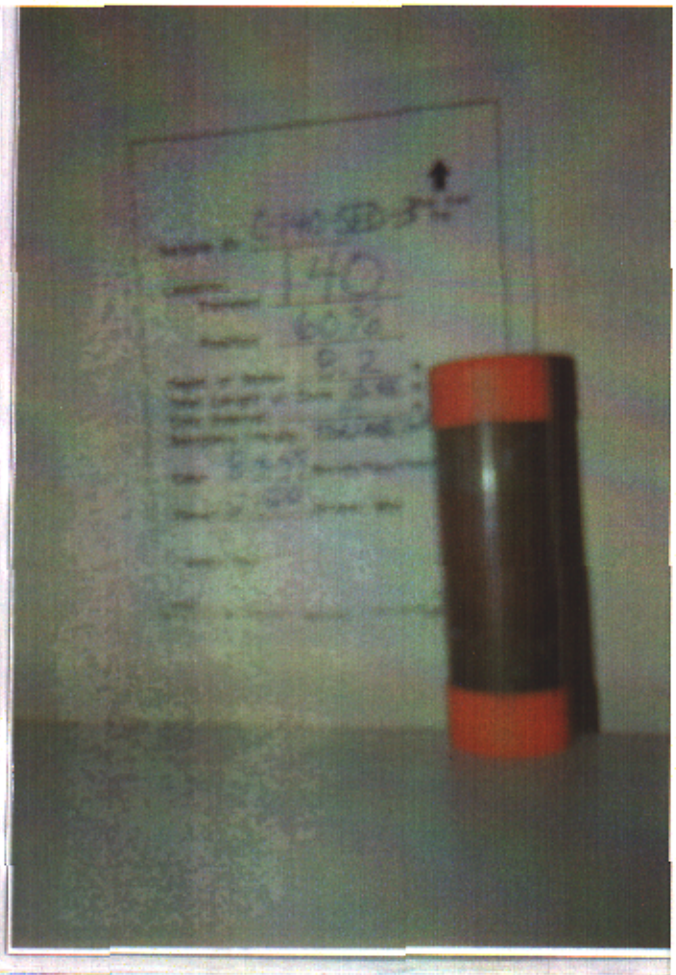
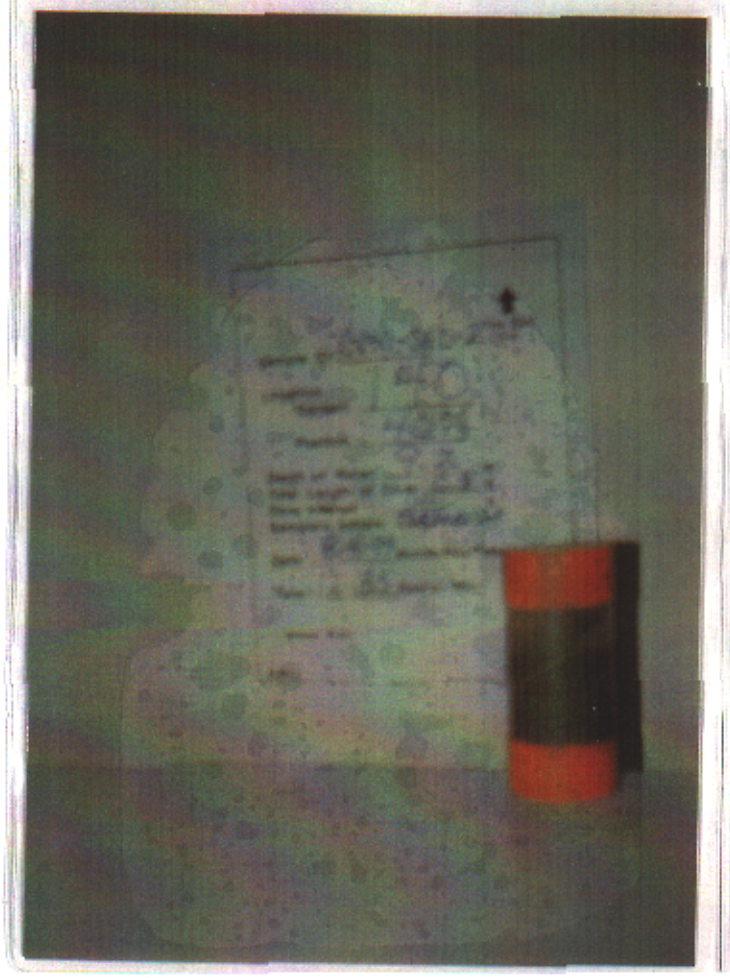
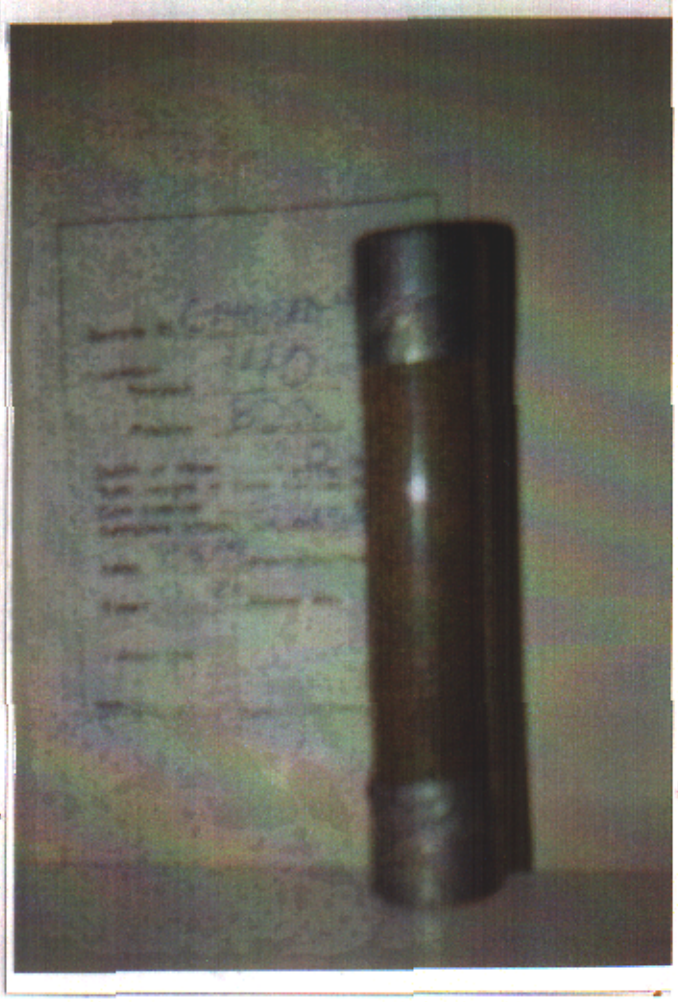
W/D#447 624 40 N N N Nc<No.19 >M5S3









This End Top

Sample ID: C-141-SED-2

Location:

Transect 141

Position 40%

Depth of Water: 21.5 ft

Total Length of Core: 1.1 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 14:30 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-141-SED-4

Location:

Transect 141

Position 80%

Depth of Water: 11.0 ft

Total Length of Core: 2.8 ft

Core Interval: _____ ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 15:00 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 141

Date 8/4/99 **Time In** 14:00 **Time Out** 15:30

Total Water Width 162'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	32	~~69~~ 59	96	128
Water Column	~~14.5~~'	~~20.8~~ 21.5'	19.1'	11.0'
Sediment Penetrated	—	1.7'	0.8'	3.5'
Sediment Recovered	—	1.1'	—	2.8'
Time	No Sample	14:30	No Sample	15:00
Sample ID	Rock	C-141-SED-2 Brown silt	Coarse Sand	C-141-SED-4 0'-0.6'-Brown silt 0.6'-2.8'-Brown fine to Coarse sand

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
ND					
	Velocities				

Picture 21'-Right Side 22: Left Bank

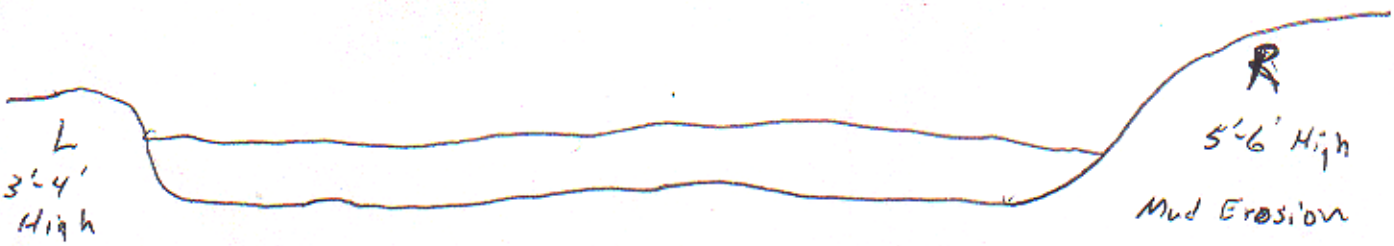
Notes

20% - 0+32, 0+27.4 0+37 - Rock Water Depth at 0+27 - 15.5' Water at 0+32 - 15.

40% - 0+64 - 0.2' of Sediment

60% - Tried 3 times couldn't recover coarse sand in deep water

Bank Sketch





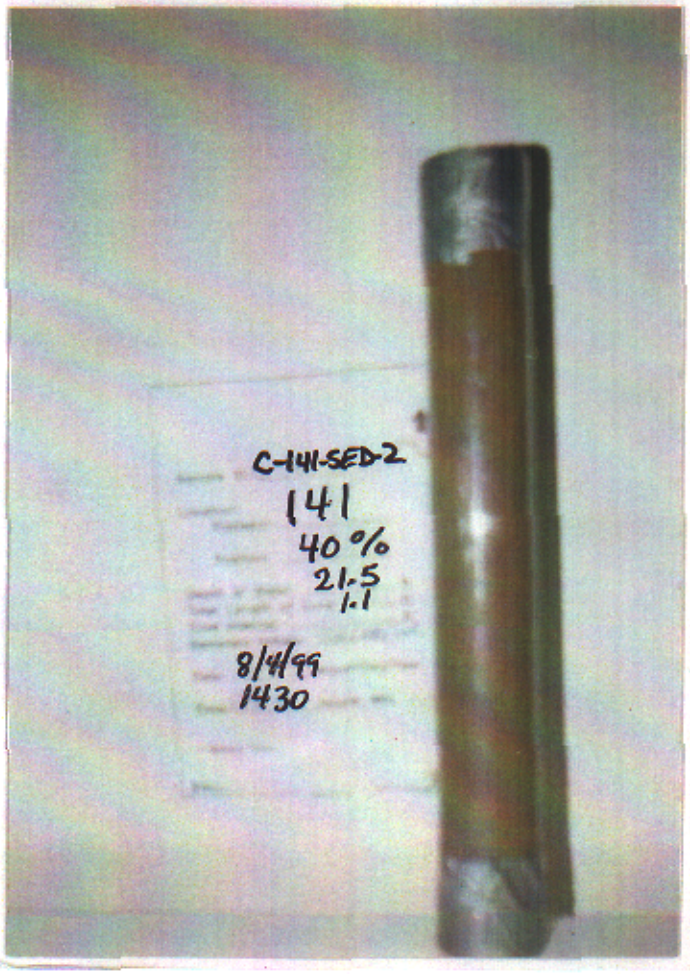
141 LEFT

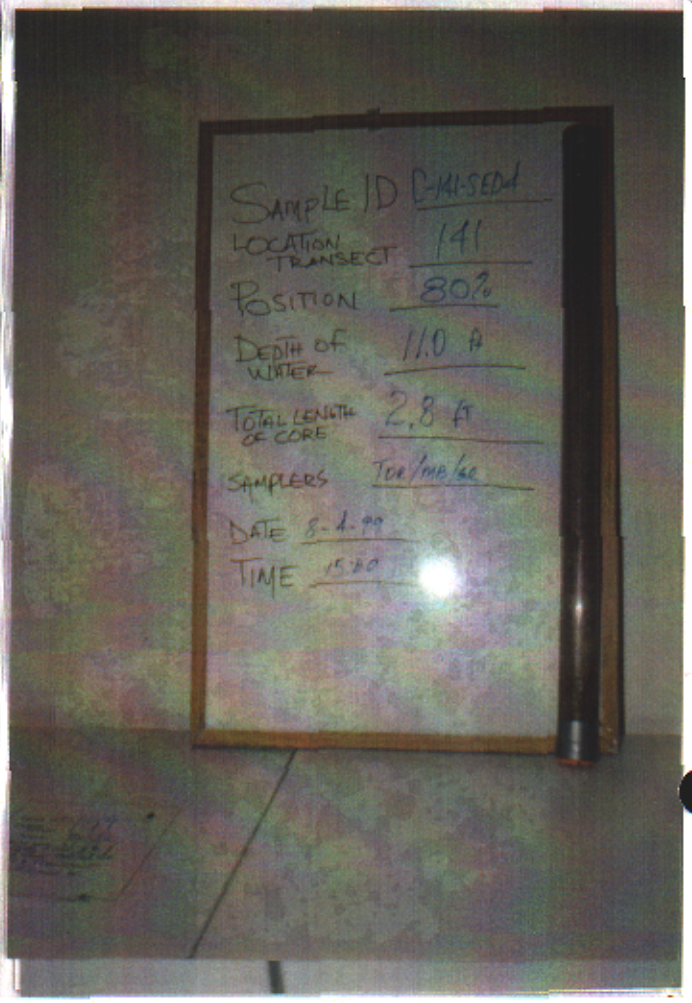


141 RIGHT

W/D#447 624 46 N N N NC<No.22A>MES3

W/D#447 625 42 N N N Nc<No.21A>M563





This End Top

Sample ID: C-142-SED-3

Location:

Transect 142

Position 60%

Depth of Water: 6.5 ft

Total Length of Core: 1.15 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 16:05 Hours: Min

* Military Time

01/93 D64-DJH
6450115R/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-142-SED-4

Location:

Transect 142

Position 80%

Depth of Water: 5.8 ft

Total Length of Core: 2.4 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/4/99 Month/Day/Year

Time:* 16:17 Hours: Min

* Military Time

01/93 D54-OJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 142

Date 8/4/99 **Time In** 1540 **Time Out** 1653

Total Water Width 231

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	46'	92'	138'	184'
Water Column	10.0'	10.4	6.5	5-8
Sediment Penetrated			1.2	3.0
Sediment Recovered			1.15	2.4
Time			1605	1617
Sample ID	NO SAMPLE	NO SAMPLE	C-142-SED-3 SILT, MED TO COARSE SAND	C-142-SED- 5-SILT .5-1½ FINE SAND 1.5-[illegible] BRN SL FINE

Station	Total Depth	Depth .2	Depth .6	Depth .8	Velocity .2	Velocity .6	Velocity .8	Average Velocity	Flow
0+60	10.4	2.08		18.32	.22		1.10	0.16	99.84
0+120	8.6	1.72		16.88	.26		1.14	0.20	103.20
0+180	5.6	1.12		14.48	.16		1.08	0.12	74.592
								0.16	277.632

Photo 23/24

Notes

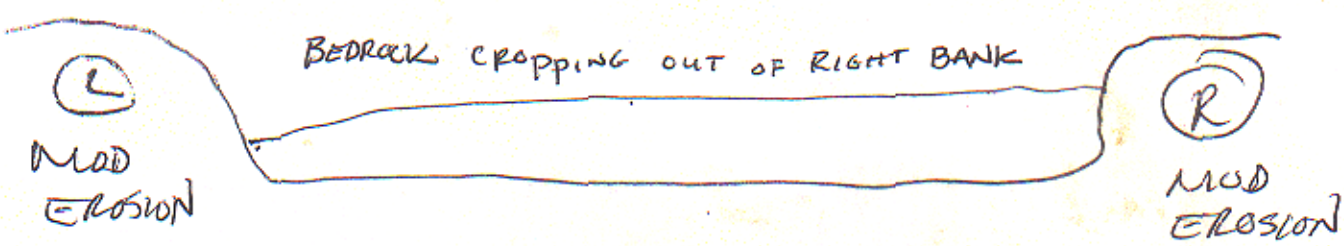
20% - 46' shift to 41' → BEDROCK ; .10' of SEDIMENT, 41' - BEDROCK, shift to 51' → BEDRO

40% - 92' shift to 87' → BEDROCK, 87' shift 97' → BEDROCK

Bank Sketch

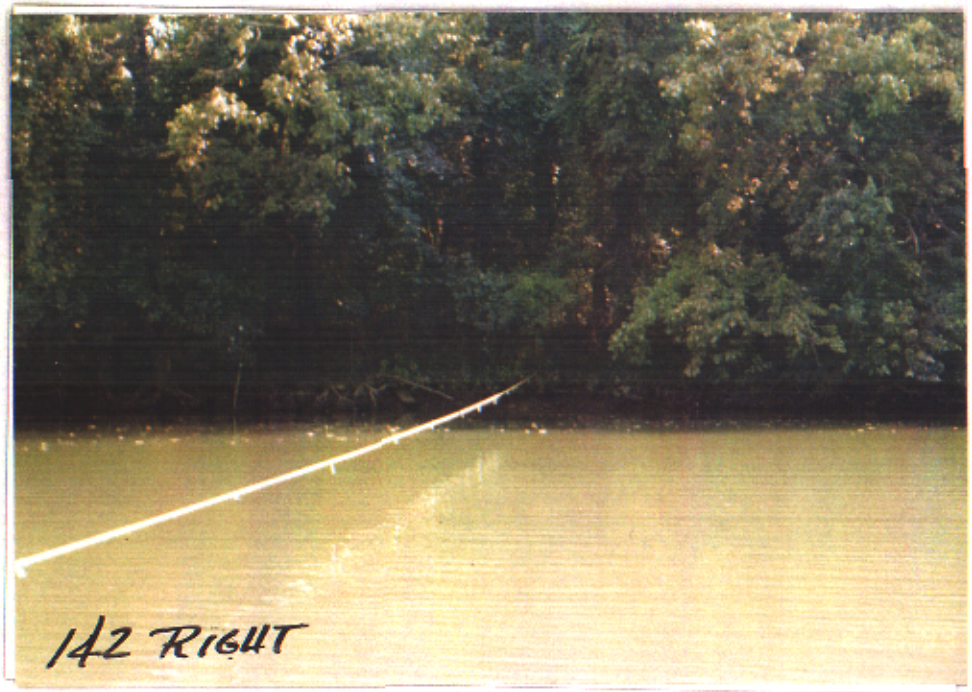
TRANSECT 250' UPSTREAM OF OLD DAM (JACKSON SHOALS)

BEDROCK CROPPING OUT OF RIGHT BANK

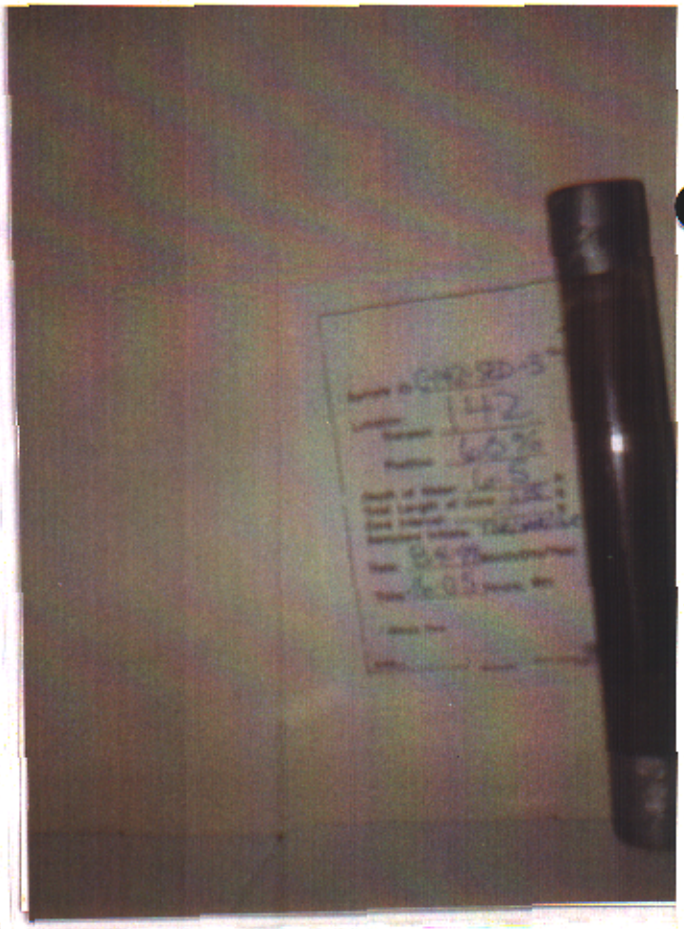


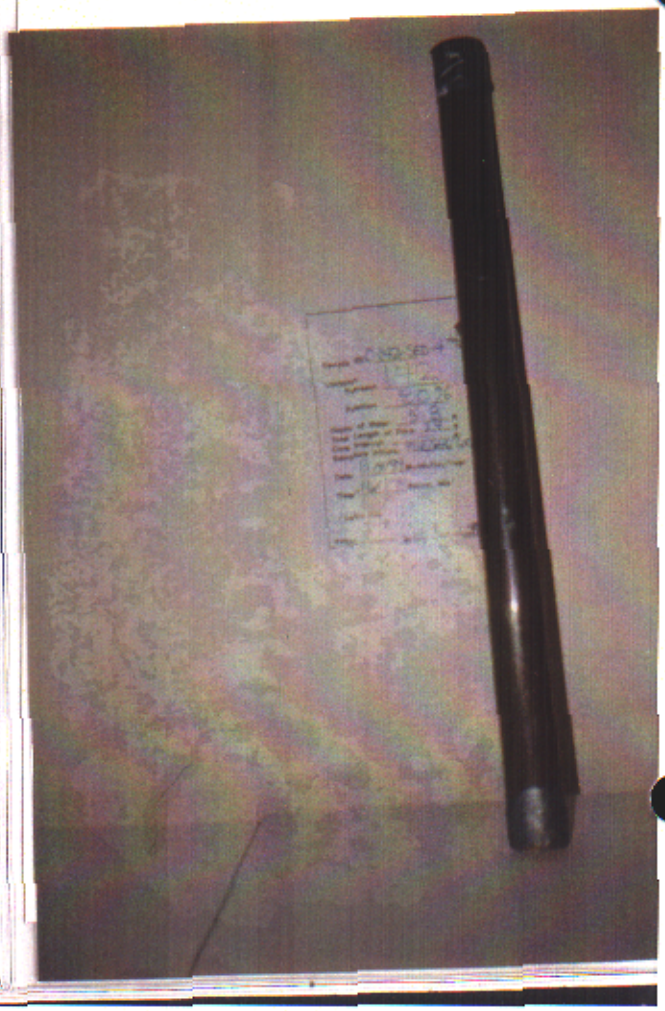


141 Left



142 Right





This End Top

Sample ID: C-145-SED-1

Location:

Transect 145

Position 20%

Depth of Water: 4.2 ft

Total Length of Core: 0.7 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/5/99 Month/Day/Year

Time:* 11:33 Hours: Min

* Military Time

01/93 D54-DJK
645D115R/64501g09.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
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Sample ID: C-145-SED-4

This End Top

Location:

Transect 145

Position 80%

Depth of Water: 2.3 ft

Total Length of Core: 0.2 ft

Core Interval: - ft

Samplers Initials: TOA/MB/GR

Date: 8/5/99 Month/Day/Year

Time:* 1149 Hours: Min

* Military Time

DMB3 DS4-CJH
845011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS GREG RABAS

Transect Number ~~167~~ 145

Date 8/5/99 **Time In** 1120 **Time Out** 1249

Total Water Width 164

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	33'	66'	99'	132'
Water Column	4.2	5.6	3.1	2.3
Sediment Penetrated	.7			.2
Sediment Recovered	.7			.2
Time	1133			1149
Sample ID	C-145-SED-1 FINE TO MED SAND, SOME COARSE SAND	NO SAMPLE	NO SAMPLE	C-145-SED-4 MED ROCK, F-M TO MED SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+30	4.1	.82 | 13.28	.72 | 1.65	0.685	84.255
See Note 3 0+~~60~~ 70	6.0	1.2 | 14.80	1.35 | 1.98	1.165	279.6
0+90	4.2	.84 | 13.36	.45 | 11.18	0.815	68.46
0+120	2.3	.46 | 11.84	.10 | 1.04	0.07	4.83
0+145	1.9	.38 | 11.52	.08 | 1.04	0.06	5.016
		|	|		
		|	|		
		|	|	0.559	442.161

PHOTO # 1 & 2

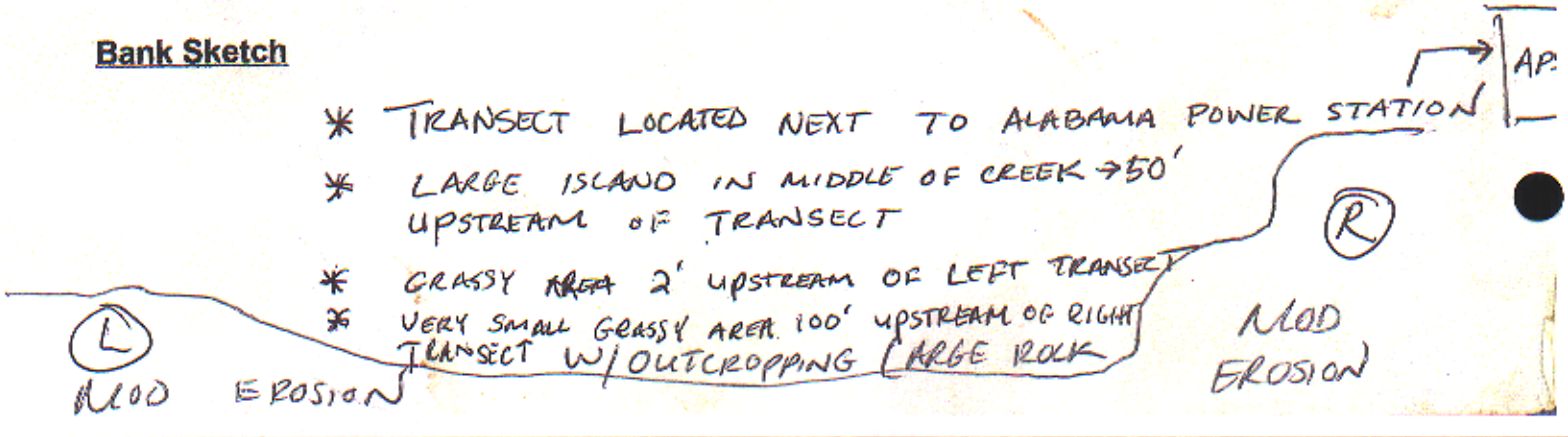
Notes

① 40% – 66' shift to 61' → ROCKS & .10' of COARSE SAND, shift to 71' → ROCKS

② 60% – 99' shift to 94' → ROCKS, shift to 104' → ROCK & .10' of SAND

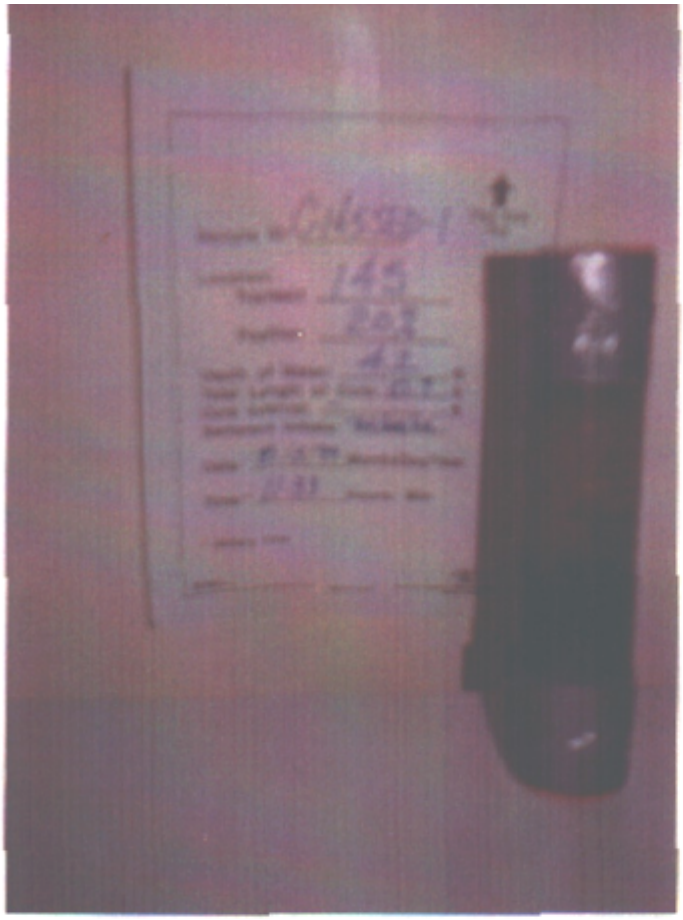
③ 0+60 – shift to 0+70 → [redacted] STRONGER CURRENT AT 0+70

Bank Sketch




145 LEFT


145 RIGHT





Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS Mike

Transect Number 146

Date 8/5/99 **Time In** 12:50 **Time Out** 13:15

Total Water Width 156

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	31	62	93	124
Water Column	7.9'	6.6'	6.2'	7.0'
Sediment Penetrated	-	-	-	-
Sediment Recovered	-	-	-	-
Time	No Sample	No Sample	No Sample	No Sample
Sample ID	Rock	Rock	Rock	Rock

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
ND					
	Velocities				

Picture 3 - Right Bank Picture 4 - Left Bank

Notes

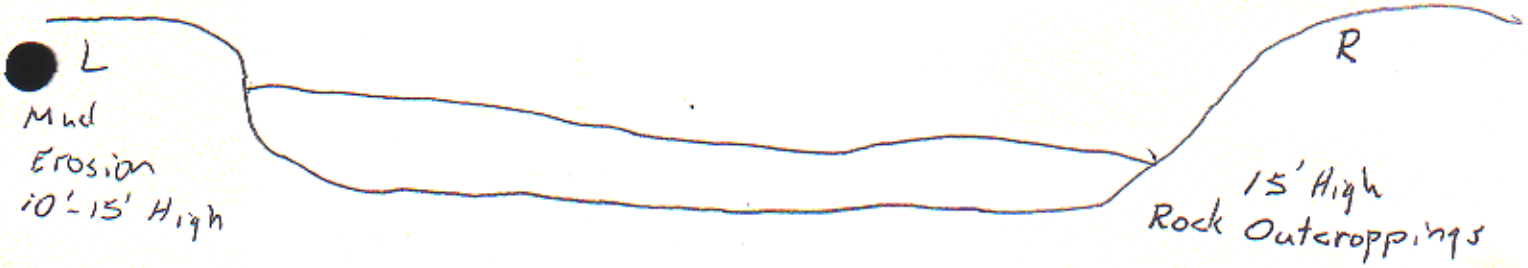
20% - Rock at 0+31, 0+26 & 0+36

40% - Rock at 0+57, 0+62 & 0+67 - 0.1' sediment at 0+62 & 0+67

60% - Rock at 0+88, 0+93 & 0+98

80% - Rock at 1+24, 1+19 & 1+29

Bank Sketch





146 LEFT



146 RIGHT

This End Top

Sample ID: C-147-SED-1

Location:

Transect 147

Position 20%

Depth of Water: 5.9 ft

Total Length of Core: 0.35 ft

Core Interval: — ft

Samplers Initials: TDR/MB/GR

Date: 8/5/99 Month/Day/Year

Time:* 14:23 Hours: Min

* Military Time

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84SD11SR84501@03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-147-SED-2

Location:

Transect 147

Position 40%

Depth of Water: 6.0 ft

Total Length of Core: 0.65 ft

Core Interval: - ft

Samplers Initials: TDR/MD/GR

Date: 8/5/99 Month/Day/Year

Time:* 14:32 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-147-SED-3

Location:

Transect 147

Position 60%

Depth of Water: 7.5 ft

Total Length of Core: 0.8 ft

Core Interval: - ft

Samplers Initials: TOR/MB/GK

Date: 8/5/99 Month/Day/Year

Time:* 14:43 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Samplers Gregg Rabarco

Transect Number 147

Date 8/5/99 **Time In** ~~1417~~ **Time Out** 1500

Total Water Width 183

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station			102'	
Sample Width	36' 37' 41'	~~72~~	108' 91'	148'
Water Column	5.9	6.0	7.5	9.0
Sediment Penetrated	.40	.70	.80	
Sediment Recovered	.35	.65	.80	
Time	1423	1432	1443	
Sample ID	C-147-SED-1 MED TO COARSE SAND, SMALL COBBER STONE, ORGANICS	C-147-SED-2 SILT FINE TO MED SAND W/ SOME ORGANICS	C-147-SED-3 ~~SILT~~ FINE TO COARSE SAND, ORGANICS	NO SAMPLE ~~FINE-COARSE~~

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITY

PHOTO 5 16

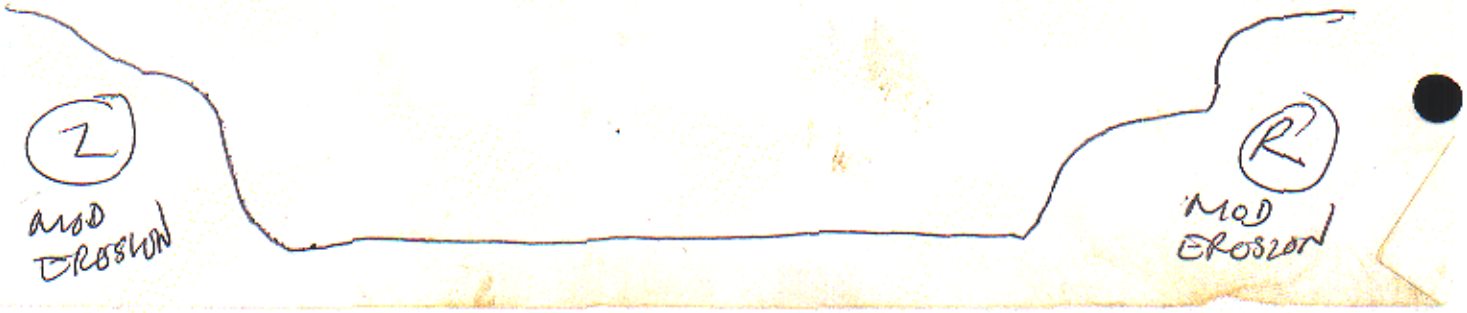
Notes

20% - 36' shift to 37' → rock; .10' of sediment, shift to 41'

60% - 108' - shift to 102' → rock + .20' sediment

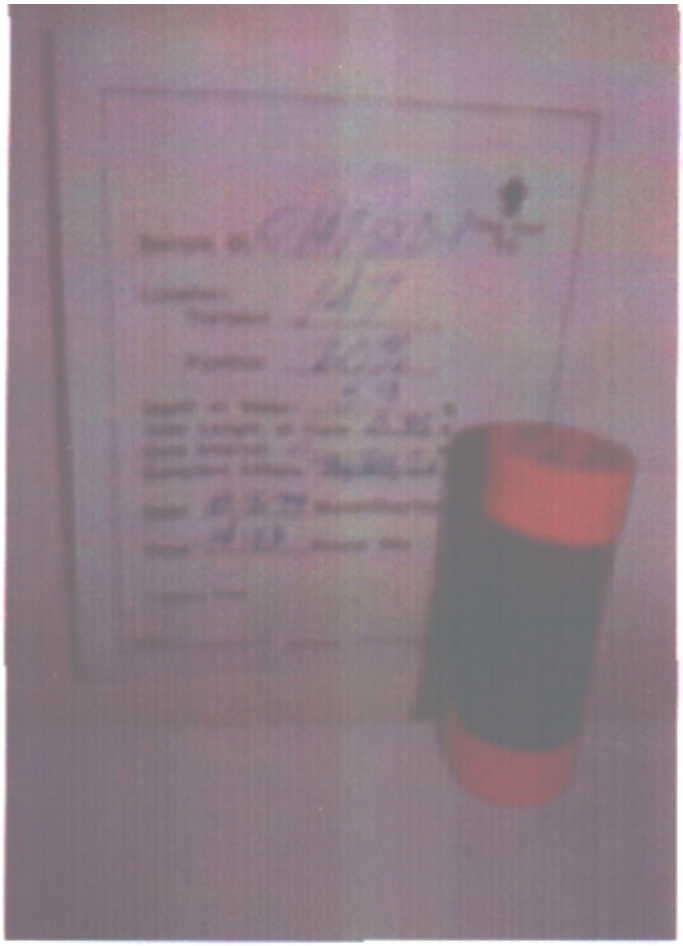
80% - 148' - shift to 138' → rock, shift to 148' → rocks

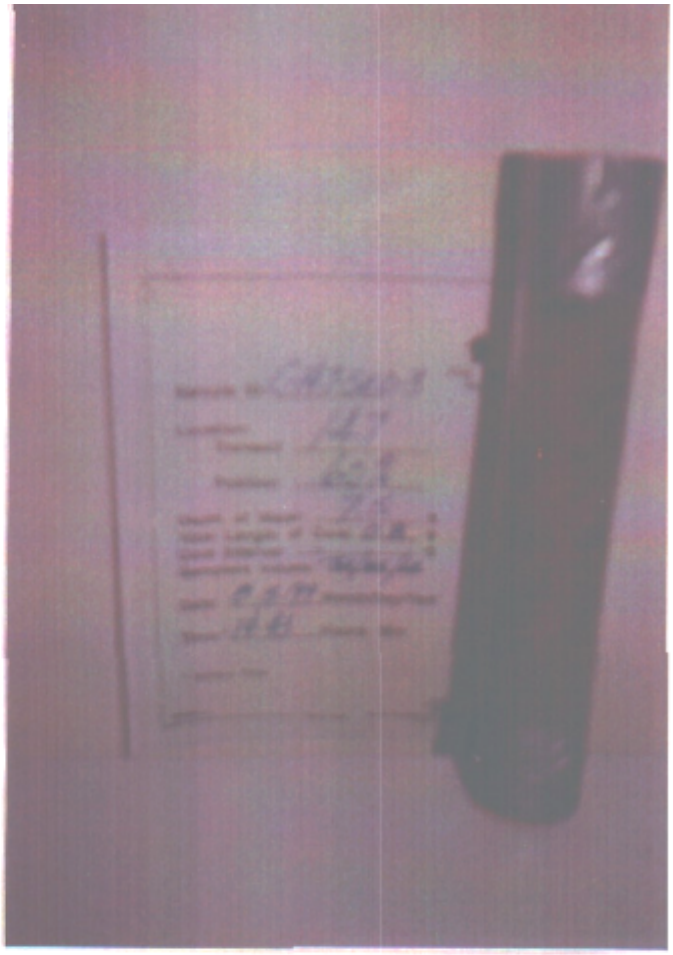
Bank Sketch

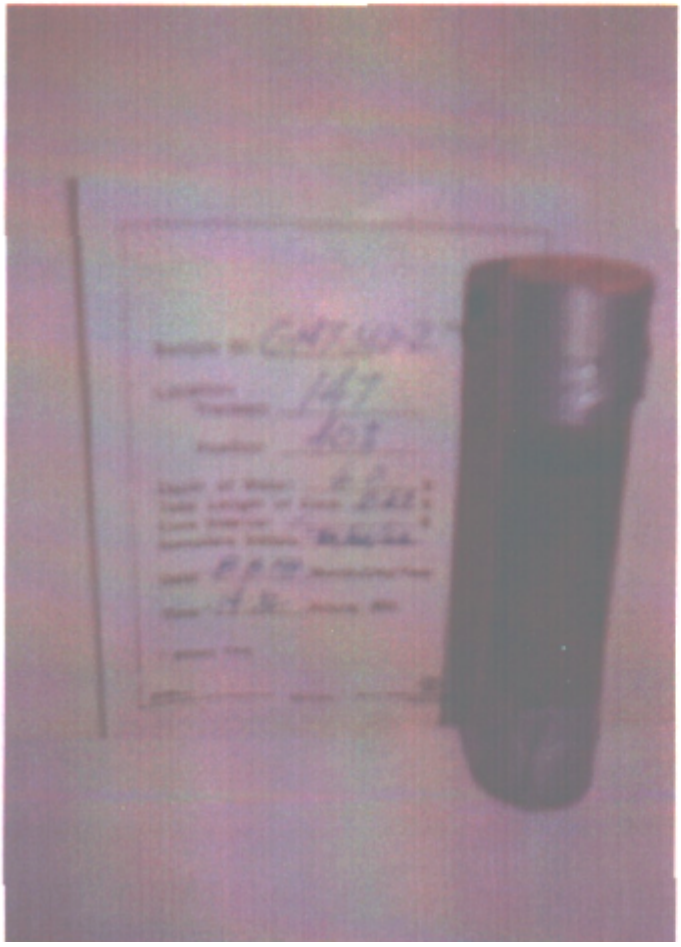



147 LEFT


147 RIGHT







This End Top

Sample ID: C-148-SED-2

Location:

Transect 148

Position 40%

Depth of Water: 8.2 ft

Total Length of Core: 0.6 ft

Core Interval: — ft

Samplers Initials: TOR/MB/GR

Date: 8/5/99 Month/Day/Year

Time:* 16:28 Hours: Min

* Military Time

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This End Top

Sample ID: C-148-SED-3

Location:

Transect 148

Position 60%

Depth of Water: 9.8 ft

Total Length of Core: 1.1 ft

Core Interval: – ft

Samplers Initials: TOR/MB/GR

Date: 8/5/99 Month/Day/Year

Time:* 16:55 Hours: Min

* Military Time

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This End Top

Sample ID: C-148-SED-4

Location:

Transect 148

Position 80%

Depth of Water: 9.8 ft

Total Length of Core: 0.65 ft

Core Interval: – ft

Samplers Initials: TDR/MB/GR

Date: 8/5/99 Month/Day/Year

Time:* 17:10 Hours: Min

* Military Time

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6450115R/6450109.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Samplers Mike

Transect Number 148

Date 8/5/99 **Time In** 15:50 **Time Out** 17:20

Total Water Width 169

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	34	~~68~~ 73	~~102~~ 97	~~136~~ 141
Water Column	7.4'	8.2'	9.8'	9.8'
Sediment Penetrated	—	0.8'	1.6'	1.0'
Sediment Recovered	—	0.6'	1.1'	0.65'
Time	No sample	16:28	16:55	17:10
Sample ID	Rock	C-148-SED-2 Grey-brown fine sand with organic matter	C-148-SED-3 0'-0.5' Fine Sand 0.5'-1.1' Fine sandy-clay	C-148-SED-4 0'-0.65' Brown silt with fine sand & organic matter

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
ND		Velocities			

Picture 7 - Right Bank Picture 8 - Left Bank

Notes

20% - 0+24, 0+29, 0+38 - Rock - 0.1' of Sediment

40% - 0+68, 0+63 - Rock - 0.1'-0.2' of Sediment

60% - 1+02 - Rock

80% - 1+36, 1+31 - Rock

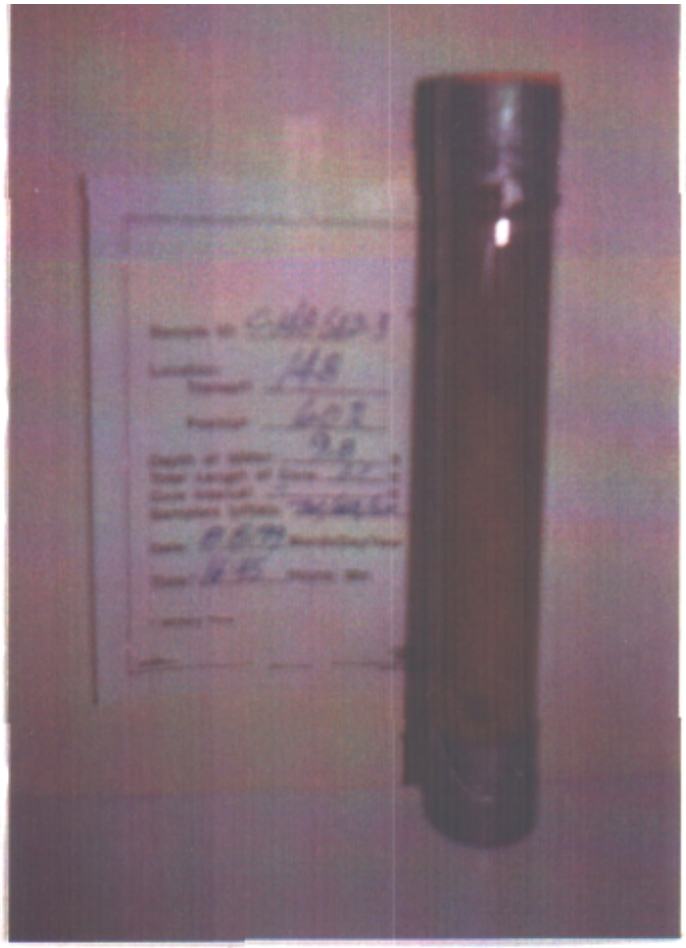
Bank Sketch

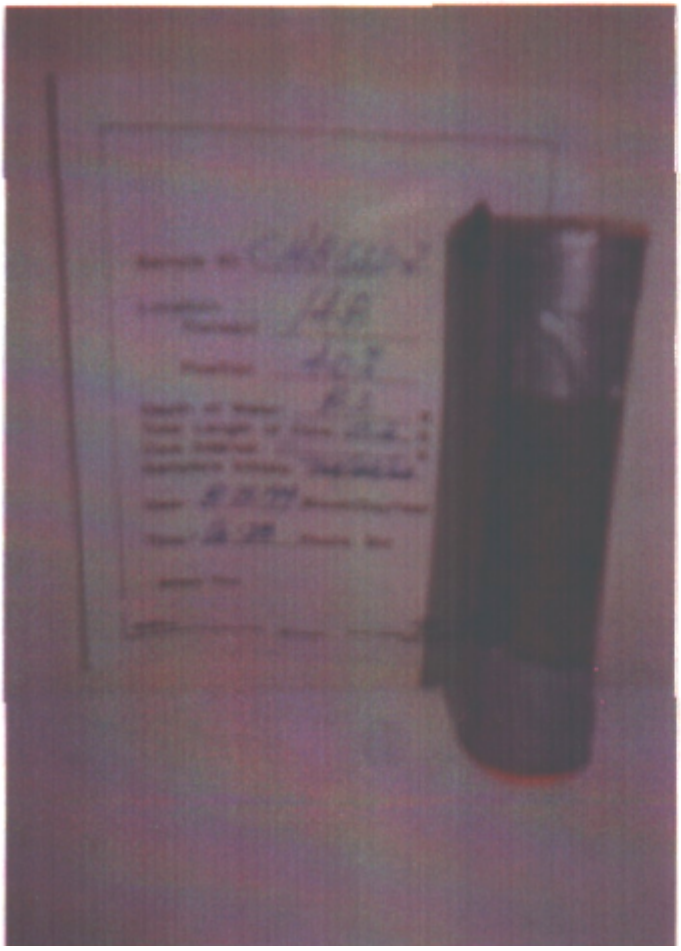


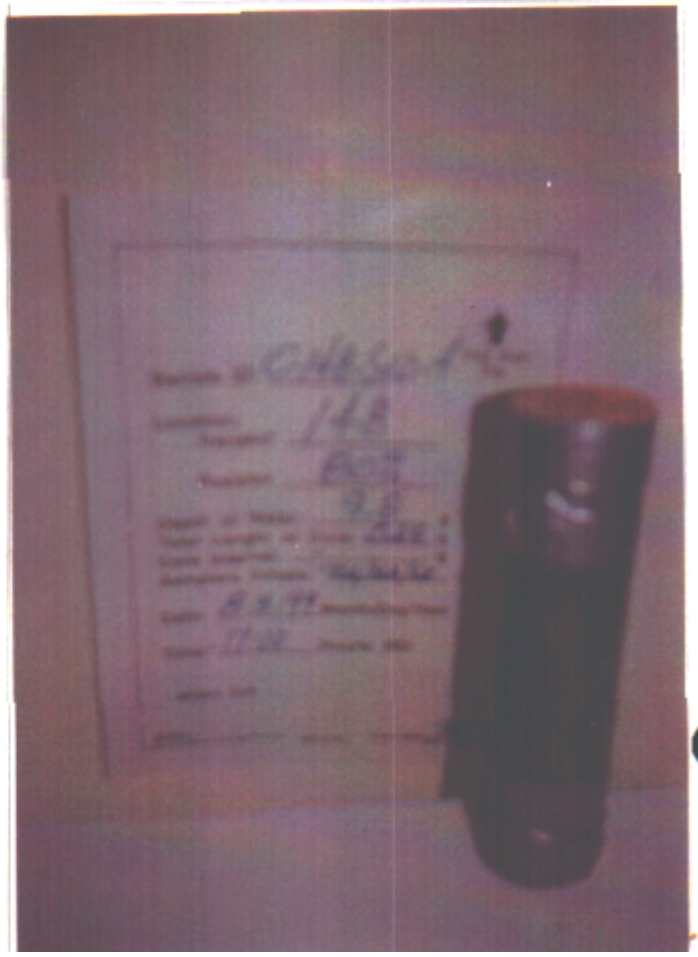




W/D#447 48 12 N N N 2cK >M552







This End Top

Sample ID: C-149-SED-1

Location:

Transect 149

Position 20%

Depth of Water: 1.5 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: TOR/MB

Date: 8/9/99 Month/Day/Year

Time:* 13:27 Hours: Min

* Military Time

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: G-149-SED-2

Location:

Transect 149

Position 40%

Depth of Water: 1.6 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: TOR/MB

Date: 8/9/99 Month/Day/Year

Time:* 13:37 Hours: Min

* Military Time

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This End Top

Sample ID: C-149-SED-3

Location:

Transect 149

Position 60%

Depth of Water: 1.9 ft

Total Length of Core: 1.0 ft

Core Interval: — ft

Samplers Initials: TOR/MB

Date: 8/9/99 Month/Day/Year

Time:* 13:50 Hours: Min

* Military Time

01/93 D54-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-149-SED-4

Location:

Transect 149

Position 80%

Depth of Water: 2.0 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: TOR/MB

Date: 8/9/99 Month/Day/Year

Time:* 13:59 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS MIKE

Transect Number 149

Date 8/9/99 Time In 1255 Time Out 1428

Total Water Width 195'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station	39'	78'	117'	156'
Sample Width	1.5	1.6	1.9	2.0
Water Column	.3	.25	1.5	.5
Sediment Penetrated	.3	.25	1.0	.5
Sediment Recovered	1327	1337	1350	1359
Time	C-149-SED-1	C-149-SED-2	C-149-SED-3	C-149-SED-4
Sample ID	MED TO COARSE SAND, SMALL GRAVEL ONE LARGE ROCK	MED TO COARSE SAND, SMALL GRAVEL	MED TO COARSE SAND, SMALL COBBER STONES	FINE TO COARSE SAND SMALL COBBER STONES SMALL SHELLS

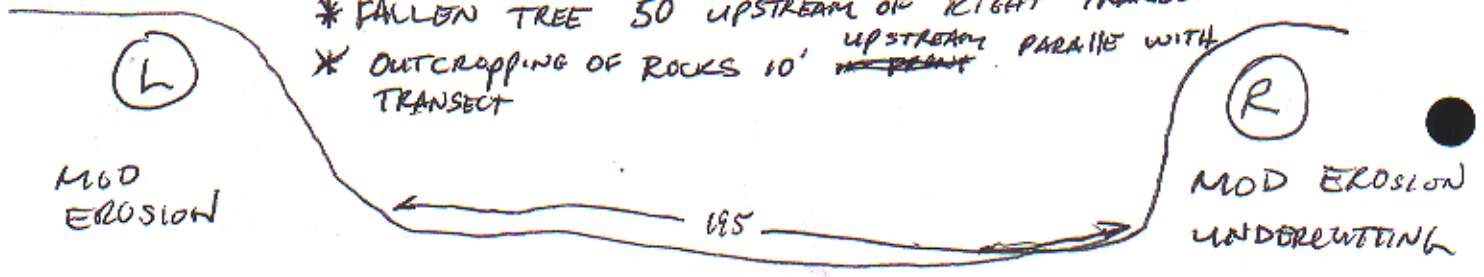
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITY

Photo #10 + 11

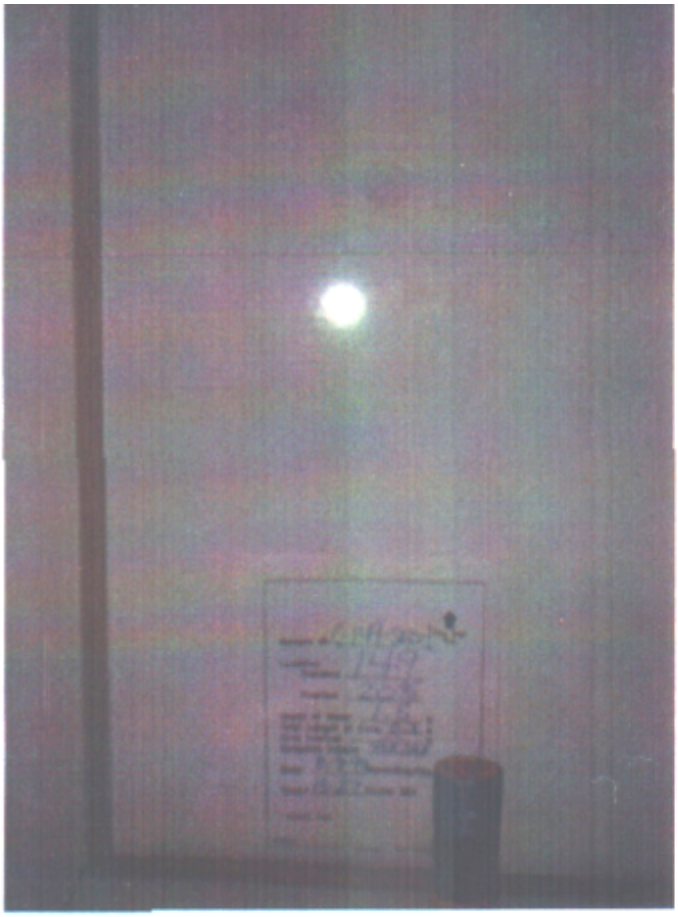
Notes

Bank Sketch

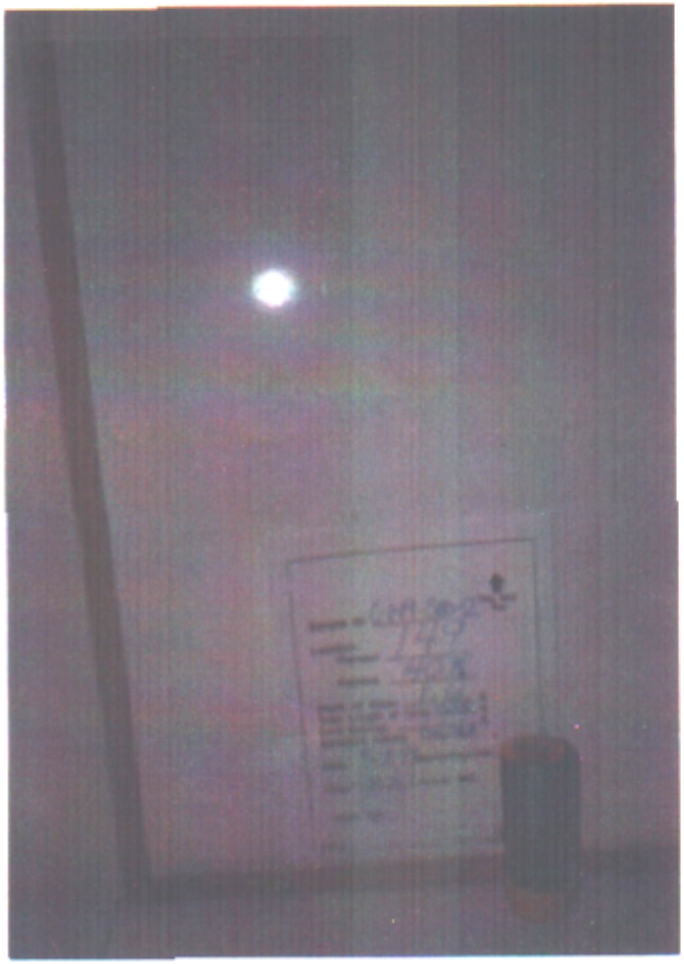


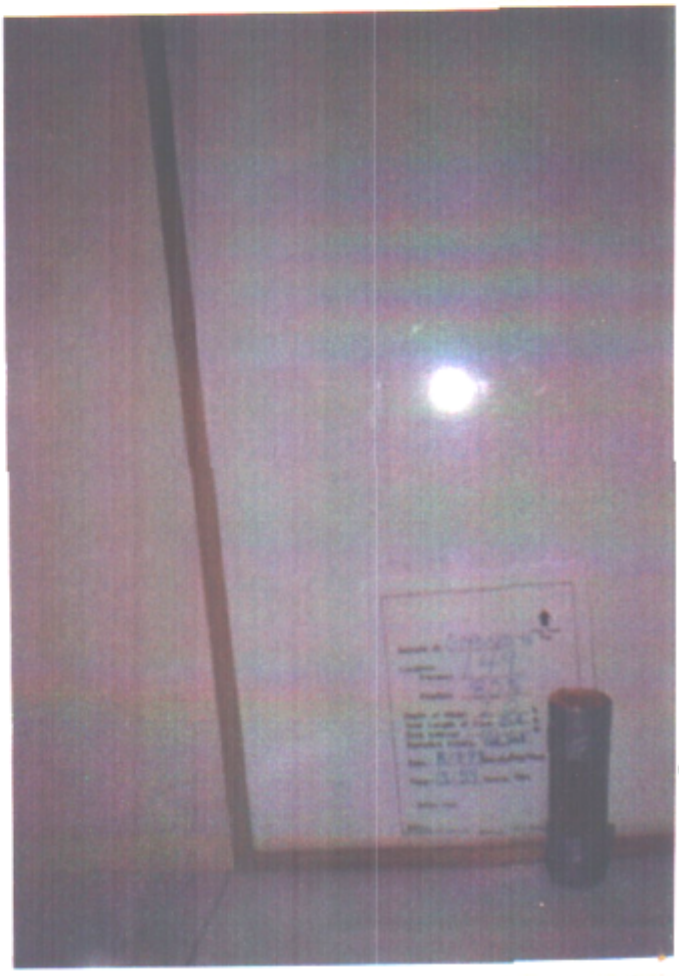

149 LEFT
8 10'99


149 RIGHT
8 10'99









This End Top

Sample ID: C-150-SED-1

Location:

Transect 150

Position 20%

Depth of Water: 1.3 ft

Total Length of Core: 0.25 ft

Core Interval: — ft

Samplers Initials: TOR/MB

Date: 8/9/99 Month/Day/Year

Time:* 15:15 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Samplers MTB

Transect Number	150			
Date 8/9/99	Time In	1445	Time Out	1357
Total Water Width	180'			
Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	36'	72'	108'	144'
Water Column	1.3	2.1	1.3	1.6
Sediment Penetrated	.25			
Sediment Recovered	.25			
Time	1515			
Sample ID	C-150-SED-1 MED TO COARSE SAND	NO SAMPLE	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

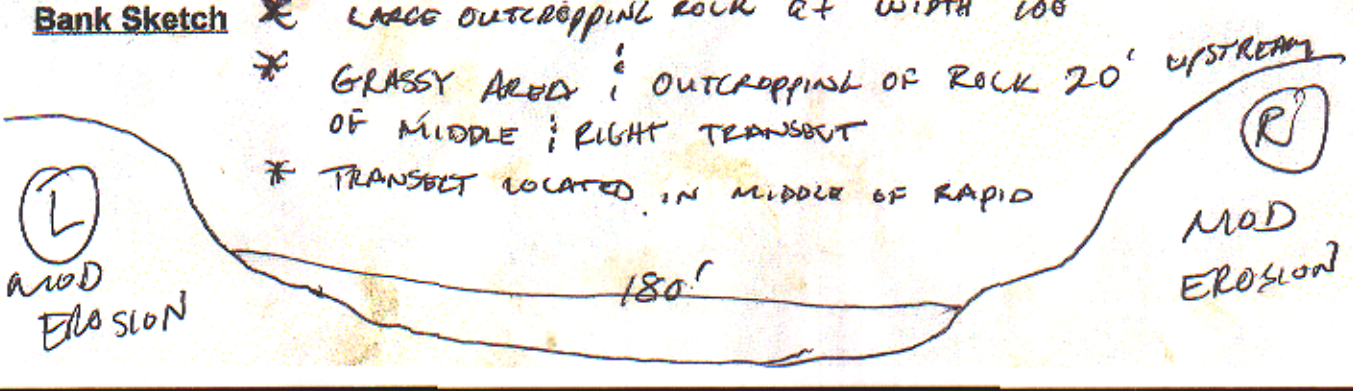
NO VELOCITY

PHOTO #12 + 13

Notes

20% - 72' shift to 67' → ROCKS, shift to 77' → ROCKS
60% - 108' shift to 103 → ROCKS, Shift to 113 - ROCKS
80% - 144' shift to 139 → ROCKS, shift to 149 - ROCKS

Bank Sketch




150 LEFT


150 RIGHT





This End Top

Sample ID: C-151-SED-3

Location:

Transect 151

Position 60%

Depth of Water: 4.9 ft

Total Length of Core: 1.80 ft

Core Interval: — ft

Samplers Initials: JJH/MTB

Date: 8/10/99 Month/Day/Year

Time:* 10:05 Hours: Min

* Military Time

DM93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH / MTB

Transect Number 151

Date 8/10/99 **Time In** 0920 **Time Out** 1042

Total Water Width 150'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+30'	0+60'	0+90'	0+125'
Water Column	7.1'	8.2	4.9	3.4
Sediment Penetrated	-		2.25	
Sediment Recovered	-		1.80	
Time	-		1005	
Sample ID	- NO SAMPLE	NO SAMPLE	C-151-SED-3 MED TO COARSE SAND, CLAY	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
	NO VELOCITIES				

Photo 14:15

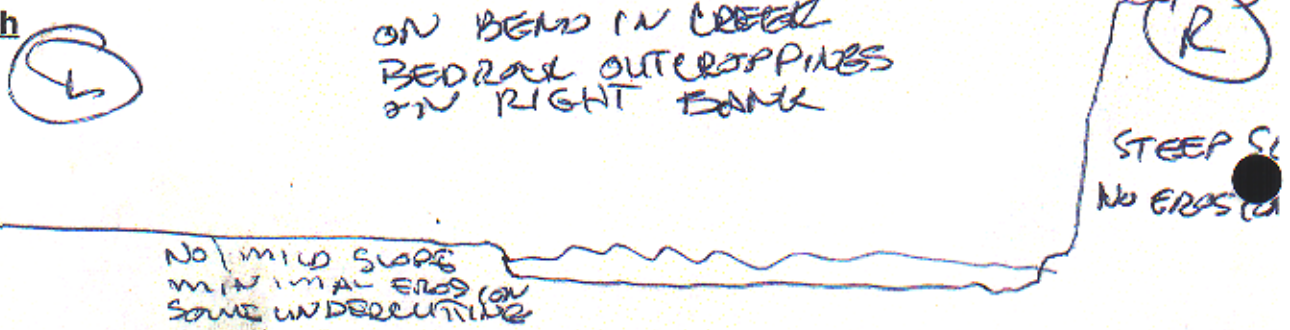
Notes

20% (3) ATTEMPTS - BEDROCK BOTTOM @ 25', 30', 35'

40% BEDROCK BOTTOM @ 55', 60', APPEARED MINIMAL AMOUNT OF SAND & CLAY LAYER ON BEDROCK → NO SAMPLE

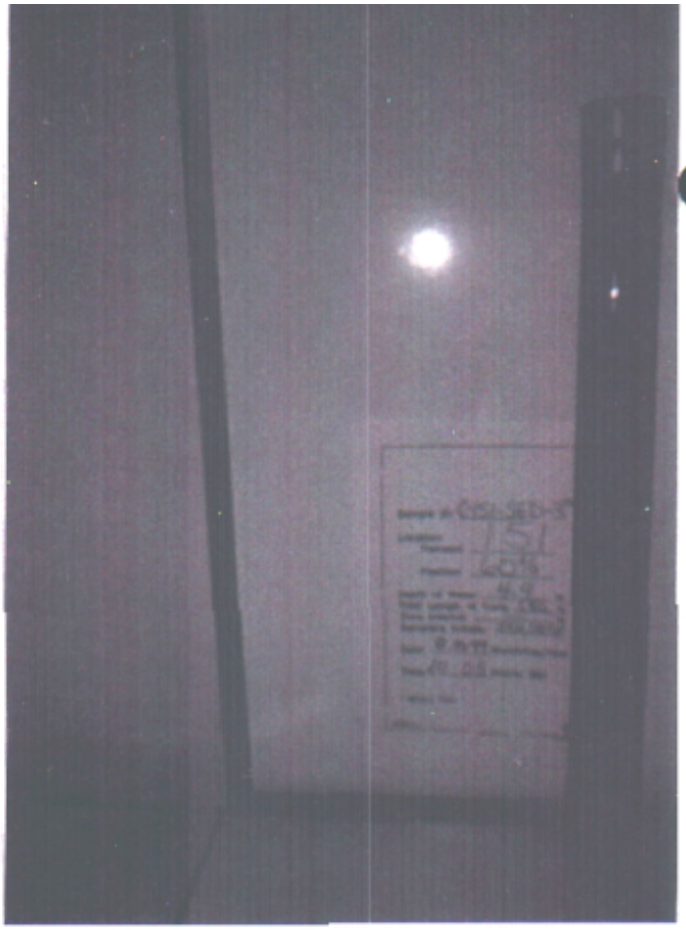
80% (3) ATTEMPTS - BEDROCK BOTTOM @ 120', 115', 125'

Bank Sketch




151 LEFT


151 RIGHT



This End Top

Sample ID: C-152-SED-2

Location:

Transect 152

Position 40%

Depth of Water: 4.1 ft

Total Length of Core: 0.65 ft

Core Interval: — ft

Samplers Initials: JJH/MTB

Date: 8/10/99 Month/Day/Year

Time:* 11:40 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-152-SED-4

Location:

Transect 152

Position 80%

Depth of Water: 3.4 ft

Total Length of Core: 0.2 ft

Core Interval: ____ ft

Samplers Initials: JJH/MTB

Date: 8/10/99 Month/Day/Year

Time:* 11:55 Hours: Min

* Military Time

01493 D54-DJH
645011SR/64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JSH / MTB

Transect Number 152

Date 8/10/09 **Time In** 1050 **Time Out** 1700

Total Water Width 230'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+46'	0+98'	0+138'	0+194'
Water Column	2.4'	4.0'	3.6'	3.4'
Sediment Penetrated	—	0.65'	—	0.25'
Sediment Recovered	—	0.65'	—	0.2'
Time	—	1140	—	1155
Sample ID	—	C-152-SED-2	—	C-152-SED-4
	NO SAMPLE	M. C SAND AND SM - MED GRAVEL	NO SAMPLE	MED SAND AND MED GRAVEL

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+50'	7.3'	1.46 | — | 1.584	0.301 — 10.05	0.175	63.875
0+100'	4.3	0.861 — 13.44	0.231 — 10.07	0.15	32.25
0+150'	3.6	0.721 — 12.68	0.2[illegible] — 10.15	0.175	31.50
0+200'	3.5	0.701 — 12.80	0.351 — 10.20	0.275	77.00
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |	~~0.16875~~ 0.19375	204.625

PHOTOS #S 16+17

Notes

20% LARGE GRAVEL @ 46', 41', 51'

40% ROCK/GRAVEL BOTTOM @ 87', 92',

60% " " " " 138', 133', 143'

80% " " " " 194'.

Bank Sketch

(L) JUST AFTER BEND IN CREEK SOME OUTCROPPING OF BEDROCK ON RIGHT BANK ± 100' UPSTREAM OF TRANSECT

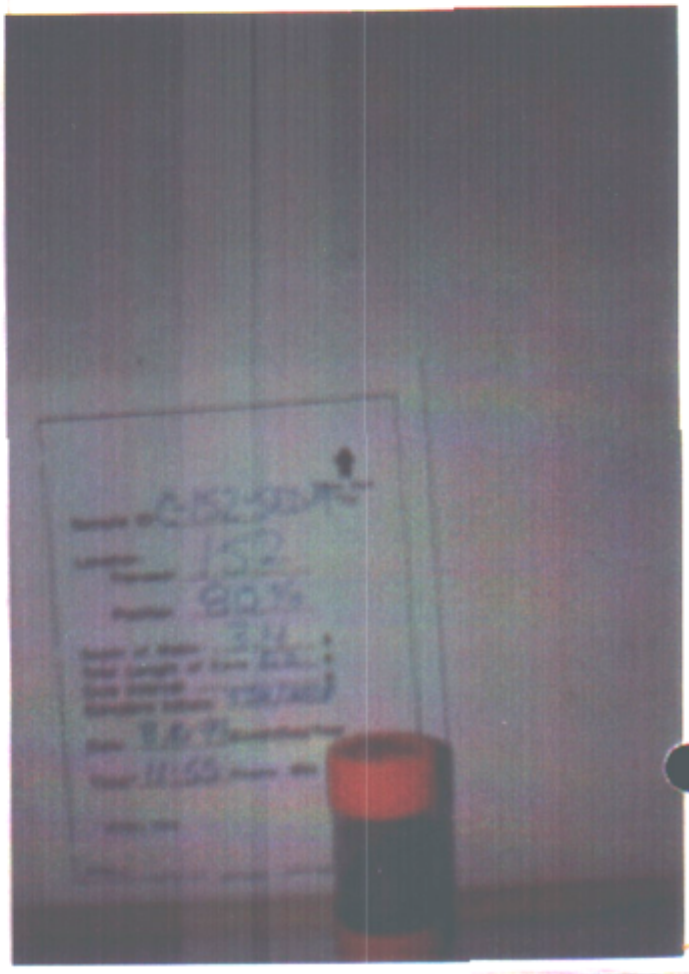
(R) STEEP SLOPE TO FLOODPLAIN MOD TO EXTENSIVE EROSION AND UNDERMINING

MOD SLOPE TO STEEP FAILURE MOD EROSION WITH UNDERCUTTING


152 LEFT


152 RIGHT





This End Top

Sample ID: C-153-SED-2

Location:

Transect 153

Position 40%

Depth of Water: 3.5 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JH / TOR

Date: 8/11/99 Month/Day/Year

Time:* 08:45 Hours: Min

* Military Time

01/93 D54-DJH
8450115R/84501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-153-SED-4

Location:

Transect 153

Position 80%

Depth of Water: 3.2 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JH / TOR

Date: 8/11/99 Month/Day/Year

Time:* 0900 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JSH / TOR

Transect Number 153

Date 8/11/99 **Time In** 0810 **Time Out** 0950

Total Water Width 310'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+62'	0+~~124~~ 129'	0+186'	0+248'
Water Column	15.5'	3.5'	3.5'	3.2'
Sediment Penetrated	—	0.85'	~	0.4'
Sediment Recovered	—	0.5'	—	0.3'
Time	—	0845	—	0900
Sample ID	—	C-153-SED-2	—	C-153-SED-1
	NO SAMPLE	F SAND/SILT TO SAND/SILT/TRACE CLAY	NO SAMPLE	SM-MED GRAVEL TO M-C SAND

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTOS 18-19

Notes

20% (3) ATTEMPTS SM-MED COBBLE BOTTOM @ 57', 62', 67'

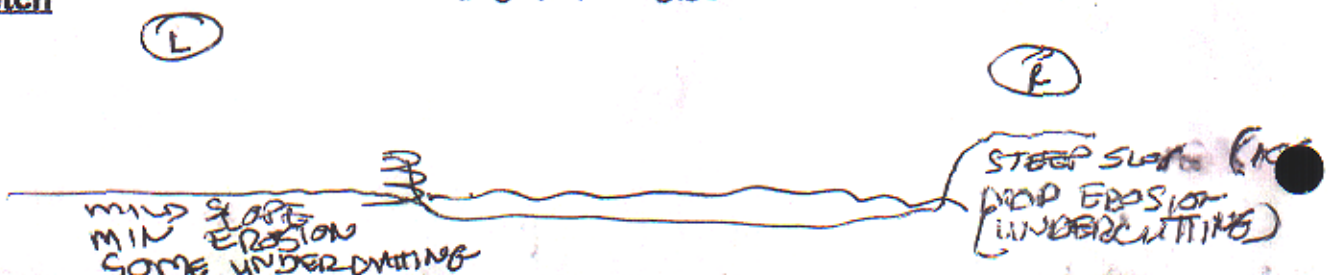
40% SM-MED GRAVEL BOTTOM @ 119', 124'

60% (3) ATTEMPTS SAND/GRAVEL BOTTOM @ 181, 186, 191'

80% SOME BEDROCK OUTCROPPING @ 248'

Bank Sketch

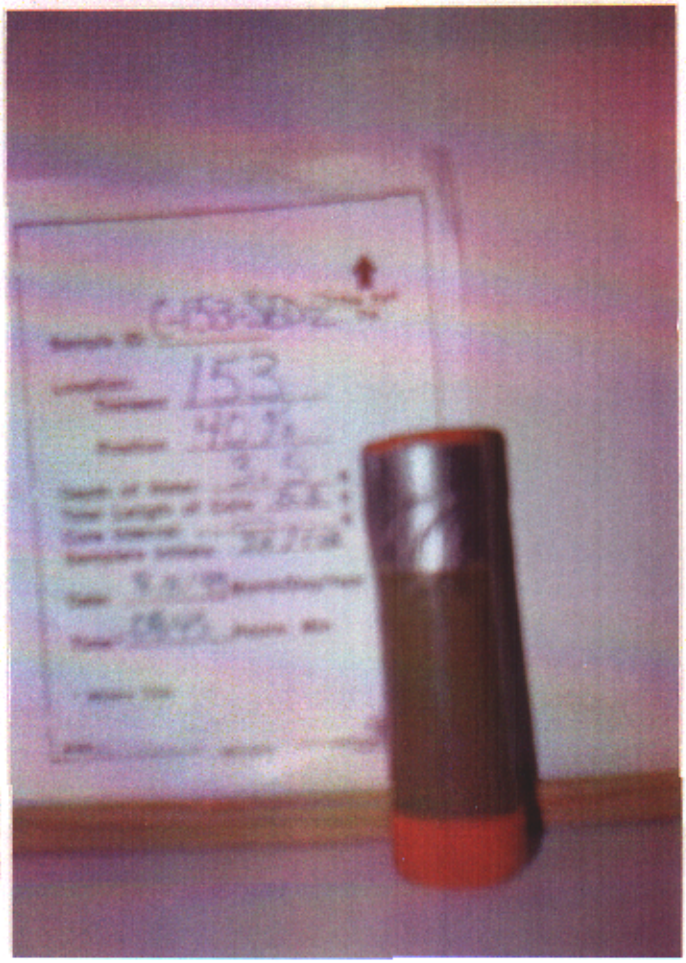
ON BEND IN CREEK

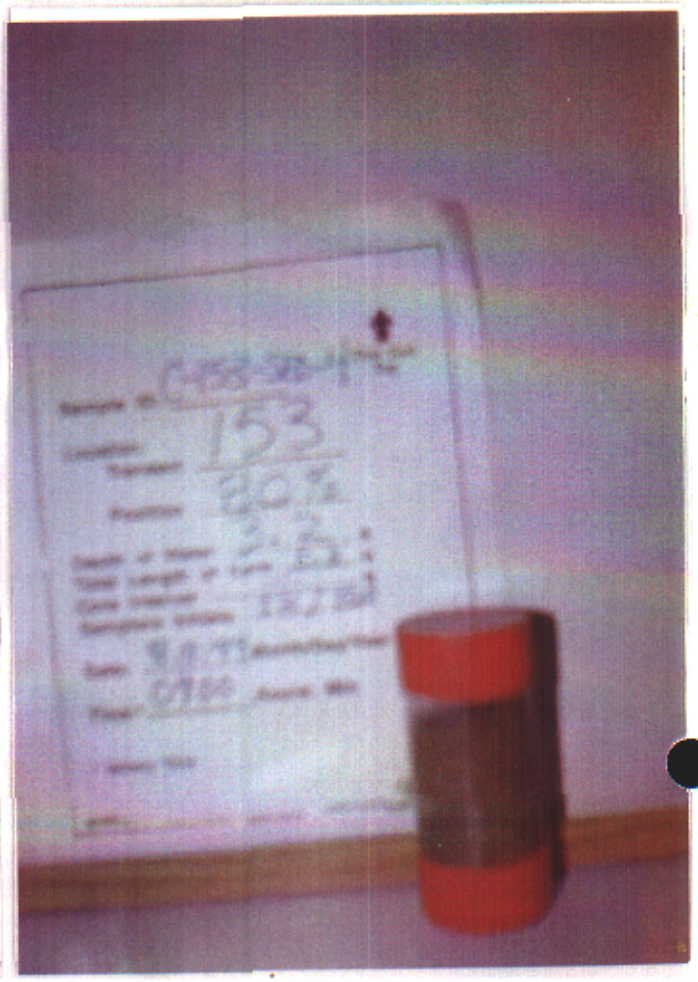



153 LEFT


153 RIGHT

W/D#447 40 33 N N N Nc<No.18AD-M583





This End Top

Sample ID: C-154-SED-1

Location:

Transect 154

Position 20 %

Depth of Water: 9.6 ft

Total Length of Core: 0.3 ft

Core Interval: — ft

Samplers Initials: JH/TOR

Date: 8/11/99 Month/Day/Year

Time:* 10.15 Hours: Min

* Military Time

01/93 D54-DJH
8450115R/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JSH / TOR

Transect Number 154

Date 8/11/99 **Time In** 0955 **Time Out** 1130

Total Water Width 190'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				
Sample Width	~~0+38'~~ 43'	0+76'	0+114' ~~1+09~~	0+152'
Water Column	9.6'	11.4	12.9	11.6
Sediment Penetrated	0.4'	—	—	—
Sediment Recovered	0.3'	—	— 15.5	—
Time	1015	—	—	—
Sample ID	C-154-SED-1	—	—	—
	F-M SAND TO SM-M GRAVEL	NO SAMPLE	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
	NO VEL	YES			

PHOTO #S 20, 21

Notes

20% ROCK/GRAVEL BOTTOM @ 33'+38'

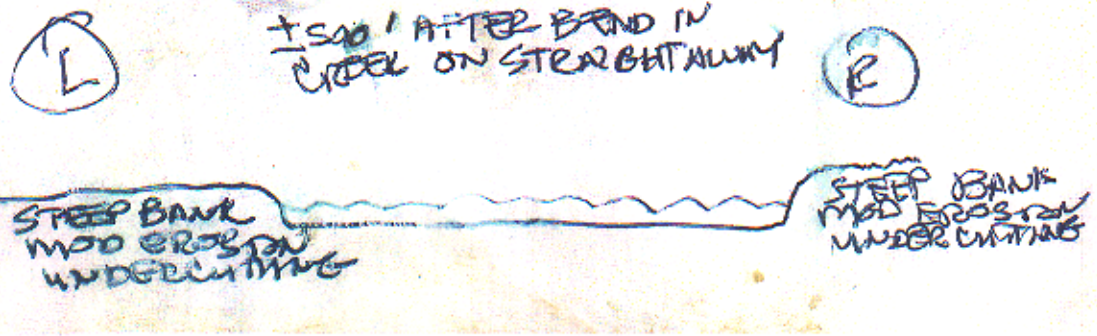
40% 3 ATTEMPT ROCK/GRAVEL BOTTOM @ 0+71 0+76 0+81

60% " " " " ~~1+09~~ ~~1+09~~ 109' 114

80% " " " " 1+47 ~~1+52~~ ~~1+52~~ 1+47 152

15

Bank Sketch

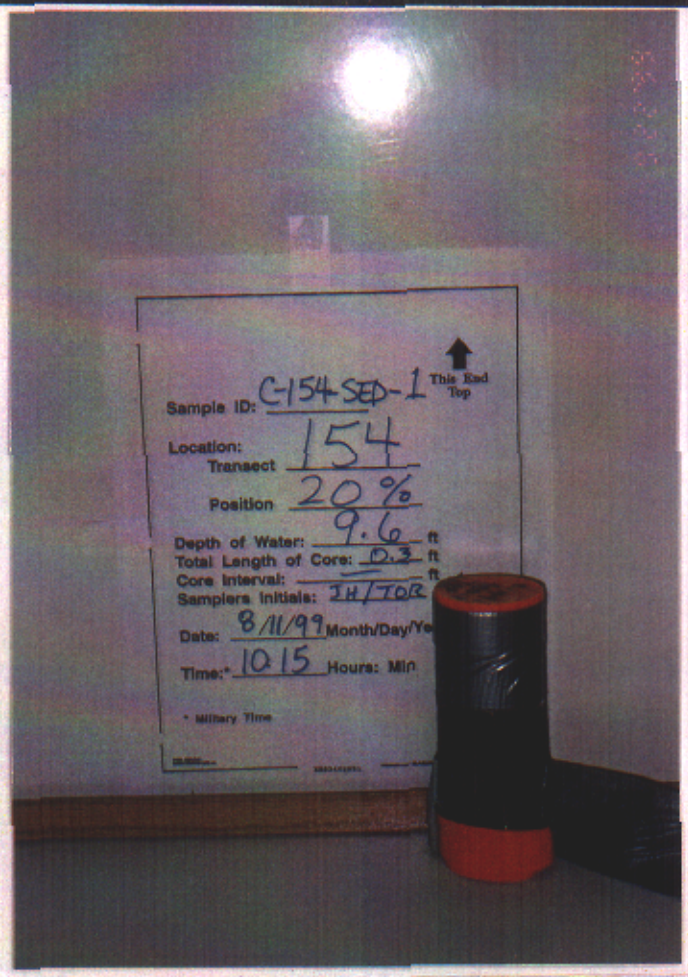




154 LEFT



154 RIGHT



W/D#447 40 31 N N N Nc<No.20A>M5S3

W/D#447 40 30 N N N Nc<No.21A>M5S3

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JSH | JDR

Transect Number 155

Date 8/11/99 **Time In** 1135 **Time Out** 1245

Total Water Width 200'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0740'	0780'	0720'	0760'
Water Column	9.8'	10.7'	9.9'	11.2
Sediment Penetrated	—	—	—	—
Sediment Recovered	—	—	—	—
Time	—	—	—	—
Sample ID	—	—	—	—
	NO SAMPLE	NO SAMPLE	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

PHOTO #s 22, 23

Notes

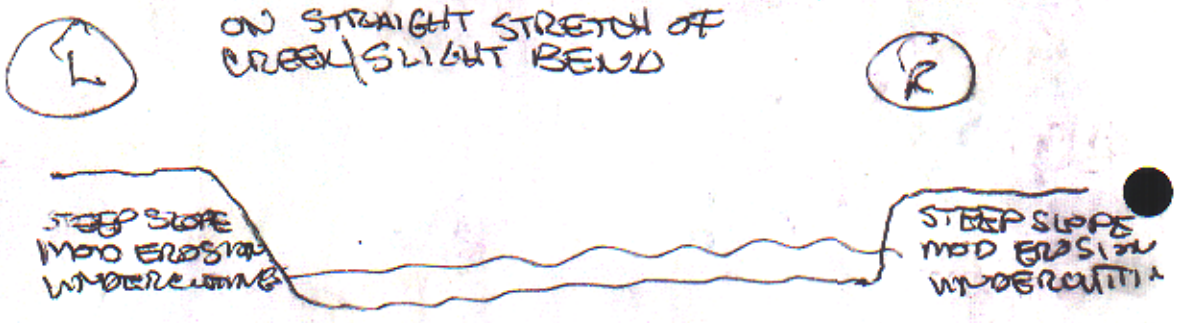
20% (3) ATTEMPTS - ROCK | GRAVEL BOTTOM @ 35', 40', 45' (APPROX .1'-.2'

40% " " " " " " " 75', 80', 85' " "

60% " " " " " " " 115', 120', 125' " "

80% " " " " " " " 155', 160', 165' " "

Bank Sketch




155 LEFT


155 RIGHT

This End Top

Sample ID: C-156-SED-1

Location:

Transect 156

Position 20%

Depth of Water: 7.5 ft

Total Length of Core: 0.6 ft

Core Interval: — ft

Samplers Initials: JH/TOR

Date: 8/11/99 Month/Day/Year

Time:* 13.50 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Samplers JSH | TOR

Transect Number 156

Date 8/11/99 **Time In** 1335 **Time Out** _____

Total Water Width 230'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+46'	0+92'	0+138'	0+184'
Water Column	7.5'	11.0'	11.4'	12.4'
Sediment Penetrated	0.9'	—	—	—
Sediment Recovered	0.6'	—	—	—
Time	1350	—	—	—
Sample ID	G-156-SED-1	—	—	—
	F M SAND, WITH SOME SILT ON TOP (±.1')	NO SAMPLE	NO SAMPLE	NO SAMPLE

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+50'					
0+100'					
0+150'					
0+200'					

(PHOTO #S 24+25)

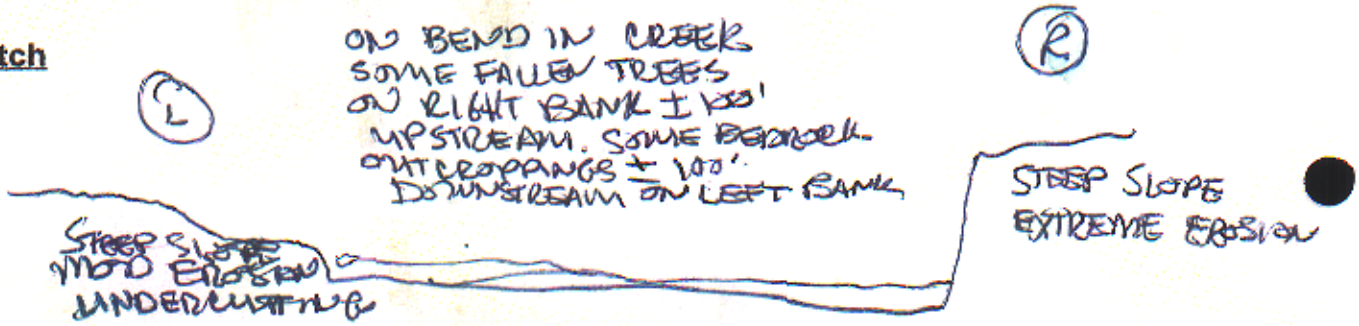
Notes

40% (3) ATTEMPTS - ROCK/GRAVEL BOTTOM @ 87', 92', 97' (±.1' SAND ON TOP OF ROCK)

60% " " - ROCK BOTTOM @ 133', 138', 143'

80% " " - ROCK/GRAVEL BOTTOM @ 179', 184', 189' (±.1' SAND ON TOP OF ROCK)

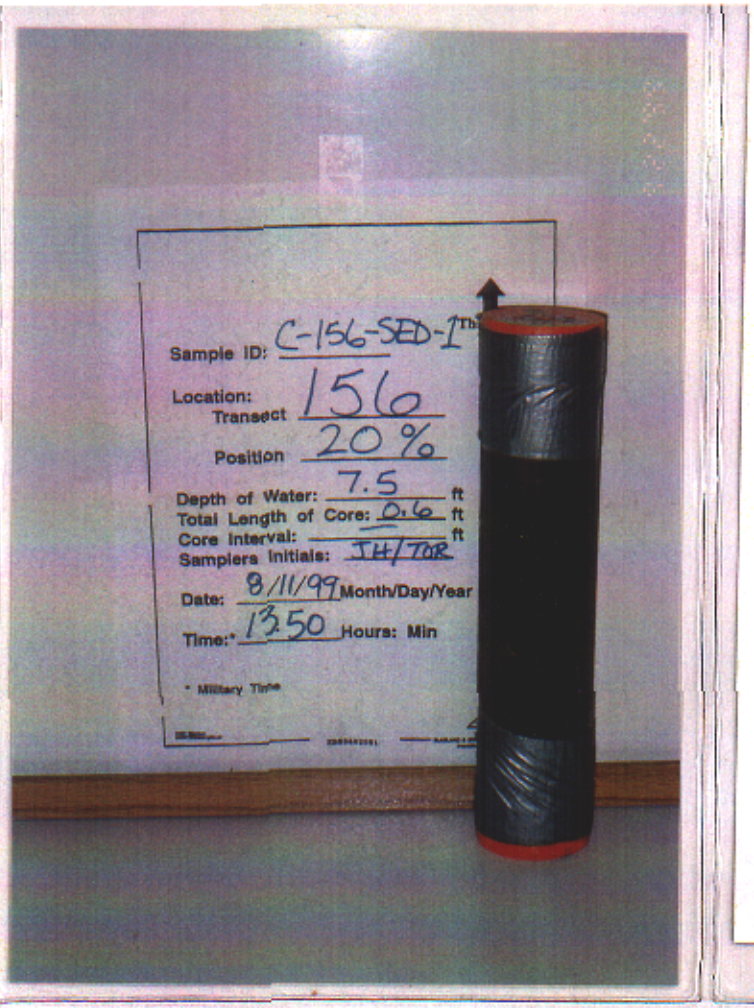
Bank Sketch




156 LEFT


156 RIGHT

SD 203, TIF
#12, TIF



W/D#447 40 27 N N N Nc<No.24A>M553

W/D#447 40 26 N N N Nc<No.25A>M553

This End Top

Sample ID: C-157-SED-1

Location:

Transect 157

Position 20%

Depth of Water: 10.4 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JH / TOR

Date: 8/12/99 Month/Day/Year

Time:* 11:15 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-157-SED-2

Location:

Transect 157

Position 40%

Depth of Water: 9.4 ft

Total Length of Core: 2.1 ft

Core Interval: — ft

Samplers Initials: JH/TOR

Date: 8/12/99 Month/Day/Year

Time:* 11:30 Hours: Min

* Military Time

01/93 D54-DJH
64501\5R\64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Samplers JOH/TOR

Transect Number 157

Date 8/12/99 **Time In** 1100 **Time Out** 1235

Total Water Width 290'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+58'	0+116'	0+174'	0+232'
Water Column	13.4'	9.4'	8.4'	11.6'
Sediment Penetrated	0.8'	2.9'	—	—
Sediment Recovered	0.5'	2.1'	—	—
Time	1115	1130	—	—
Sample ID	C-157-SED-1 ORGANICS, FINE SAND + SILT	C157-SED-2 TOP 1' ~ VF SAND + SILT TO F to C SAND	+0.2 SAND	

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+75'	13.2	2.64 | 10.56	0.001 | 0.01	0.005	4.95
0+150'	8.2 (1.64)	1.64 | 16.56	0.001 | 10.20	0.10	61.50
0+225'	11.7	2.34 | 19.36	0.011 | 10.12	0.065	106.47
		|	|		
		|	|		
		|	|		
		|	|		
		|	|	0.057	172.92

(PHOTO #s 1+2)

Notes

20% - BEDROCK BOTTOM UNDER SAND

40% - " " " "

60% - 3 ATTEMPT LARGE COBBLE BOTTOM 0+69 1+74 1+79

80% - " " " " 2+27 2+32 2+37

ON MOSTLY STRAIGHT STRETCH OF CREEK ±500' PAST BEND

Bank Sketch

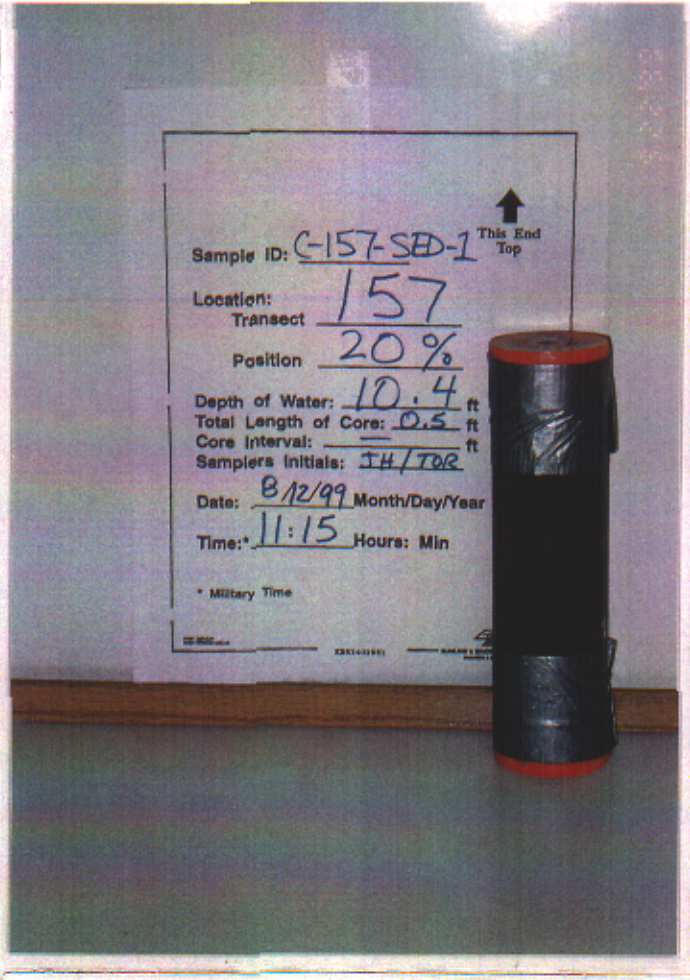
R

MILD SLOPE
NO EROSION

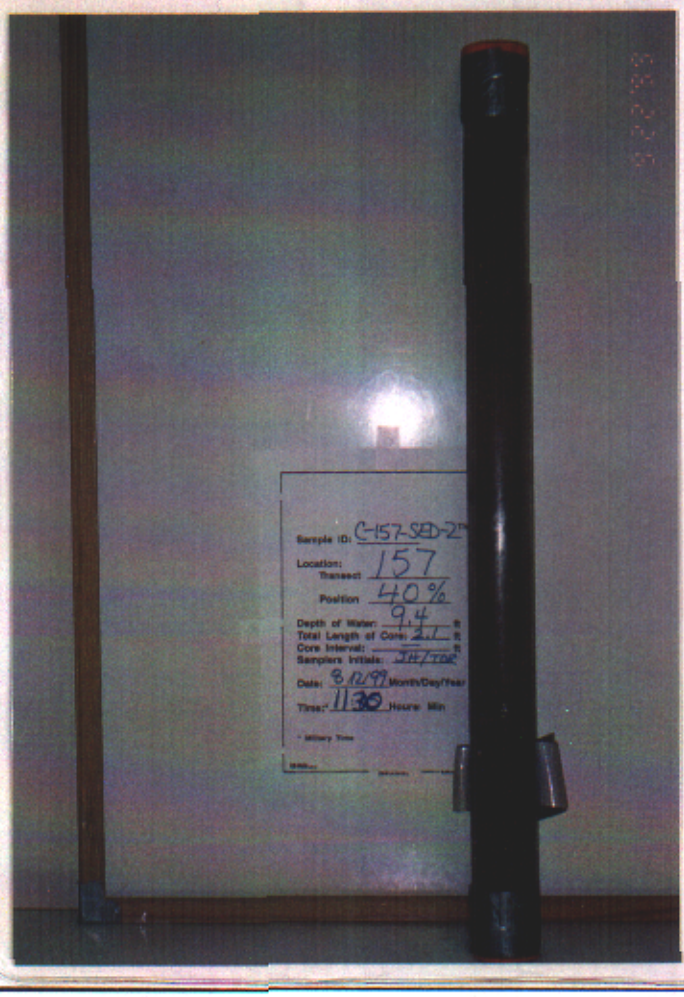
STEEP SLOPE
±5' FACE
EXTREME EROSION AND UNDERCUTTING


157 LEFT


157 RIGHT



W/D#447 56 2 N N N N < SMSS3



W/D#447 56 4 N N N N < SMSS3



This End Top

Sample ID: C-158-SED-2

Location:

Transect 158

Position 40%

Depth of Water: 15.2 ft

Total Length of Core: 1.25 ft

Core Interval: _____ ft

Samplers Initials: JH/TOR

Date: 8/12/99 Month/Day/Year

Time:* 13:55 Hours: Min

* Military Time

01483 D64-QJH
645011BN64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-158-SED-3

Location:

Transect 158

Position 60%

Depth of Water: 12.0 ft

Total Length of Core: 1.60 ft

Core Interval: — ft

Samplers Initials: JH/TOR

Date: 8/12/99 Month/Day/Year

Time:* 14:05 Hours: Min

* Military Time

01/93 D64-DJH
64501158/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-158-SED-4

Location:

Transect 158

Position 80%

Depth of Water: 9.9 ft

Total Length of Core: 2.25 ft

Core Interval: _____ ft

Samplers Initials: JH/TOR

Date: 8/12/99 Month/Day/Year

Time:* 14:15 Hours: Min

* Military Time

01/93 QE4-CJH
64501SRM64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Staplers JJH/TOR

Transect Number 158

Date 8/12/99 **Time In** 1245 **Time Out** 1495

Total Water Width 245'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+49'	0+98'	0+147'	0+196'
Water Column	17.1'	15.2'	12.0'	~~10.1'~~ 9.9'
Sediment Penetrated	—	2.25 1.45	2.15 15.4 13.25 2.15	2.55' 13.4 ~~12.2~~ 11.1
Sediment Recovered	—	1.25	1.60	2.25'
Time	—	1355	1405	1415
Sample ID	—	C-158-SED-2 0-0.1 MFS & SILT 0.1-1.25M TOC S	C-158-SED-3 0-0.1 VFS & SILT 0.1-0.4 VFS TO F SAND 0.4-1.4 M TO C SAND 1.4-1.6 CLAY	C-158-SED-4 0-0.3' VF SAND + S REST MIXED SAN CLAY & SOME SILT

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

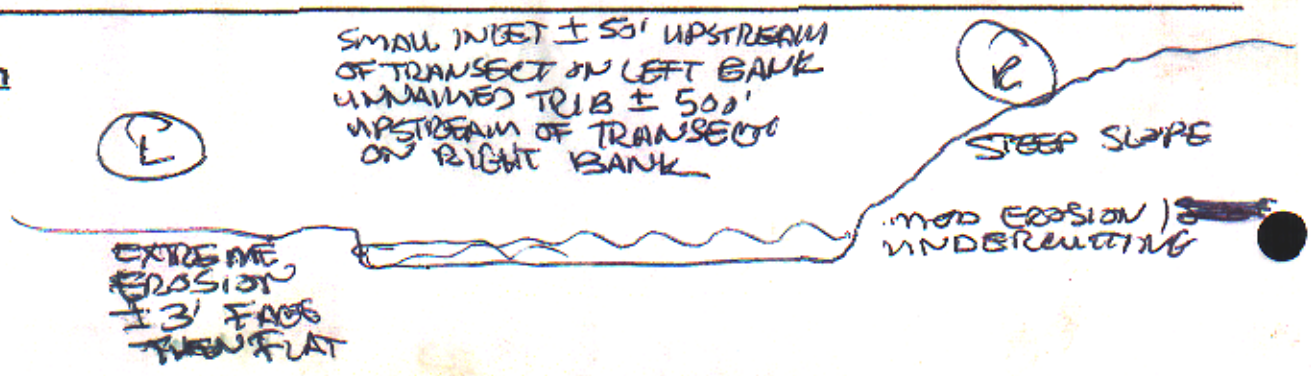
NO VELOCITIES

PHOTOS 3+4

Notes

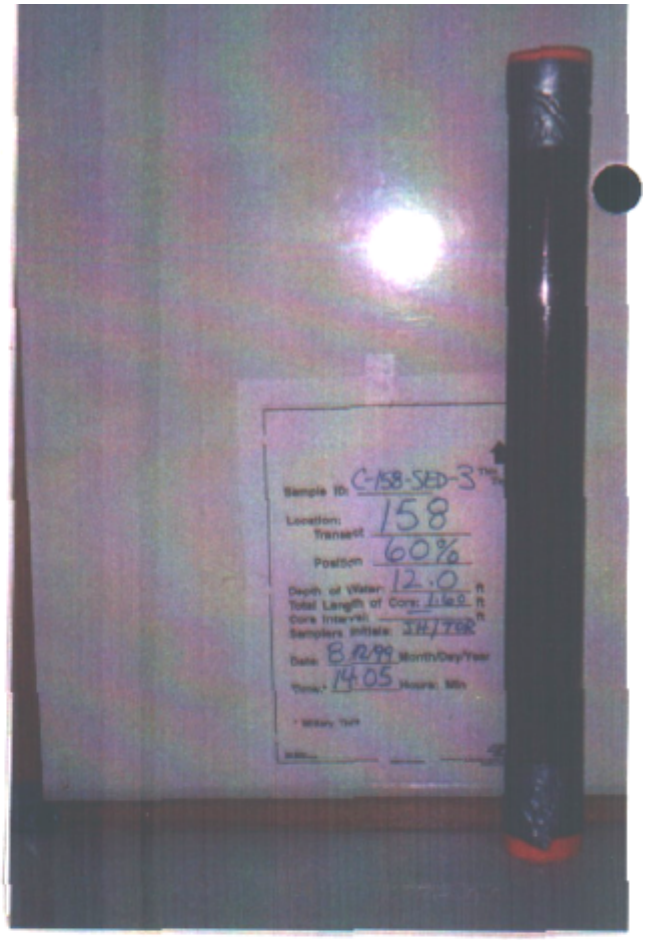
20% -3 ATTEMPTED 0+44 0+49 0+54 ROCK BOTTOM

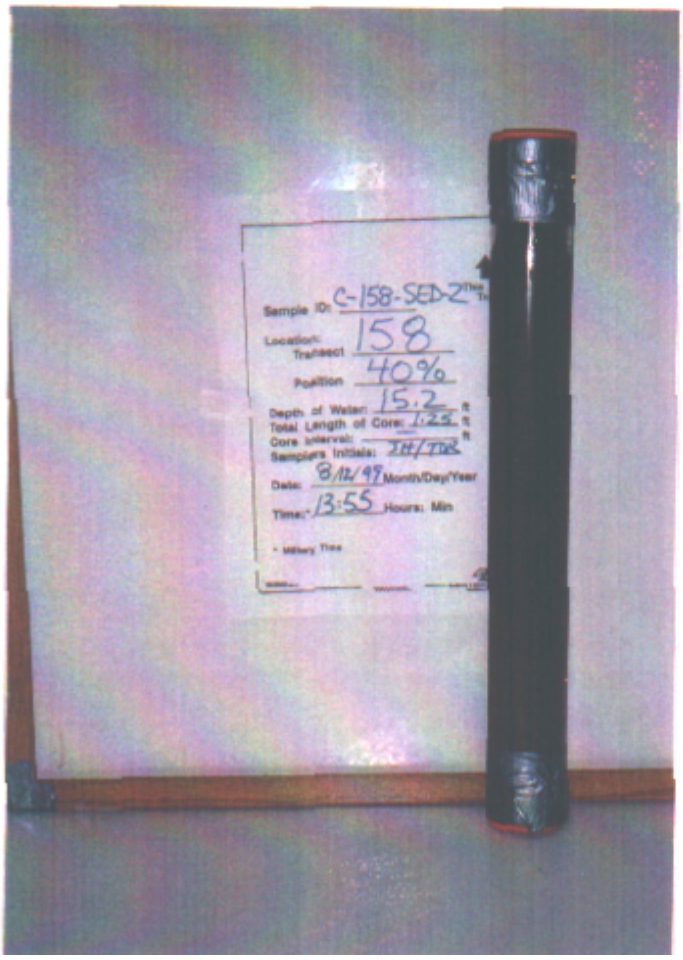
Bank Sketch

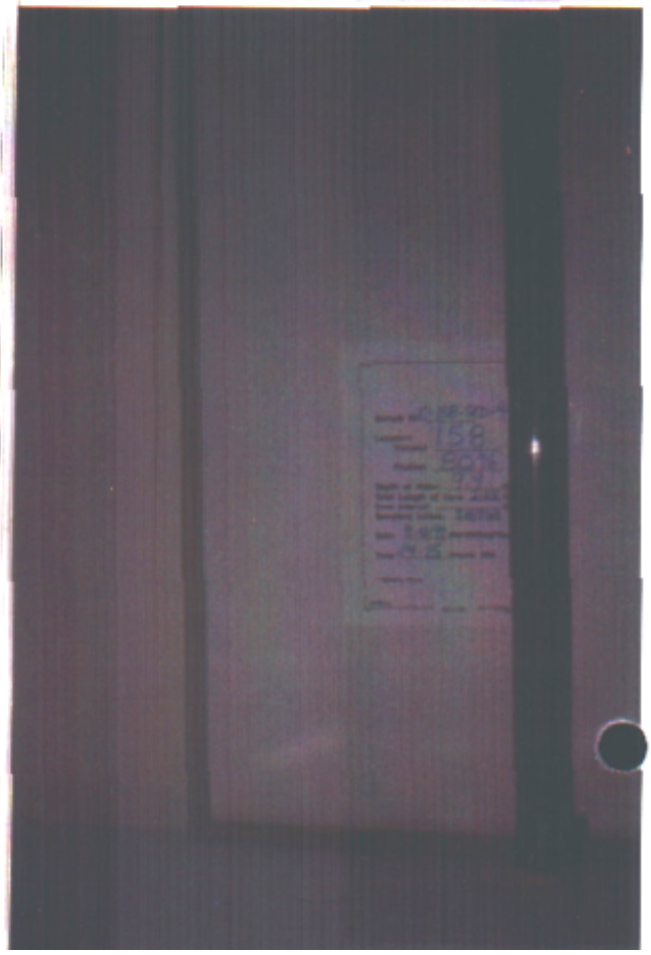



158 LEFT
8 12'99


158 RIGHT
8 12'99


Sample ID: C-158-SED-3
Location: Transect 158
Position 60%
Depth of Water: 12.0 ft
Total Length of Core: 1.50 ft
Core Interval: ft
Samplers Initials: JH/TDR
Date: 8/12/99 Month/Day/Year
Time:* 1405 Hours: Min
* Military Time


Sample ID: C-158-SED-2
Location: Transect 158
Position 40%
Depth of Water: 15.2 ft
Total Length of Core: 1.25 ft
Core Interval: ft
Samplers Initials: JH/TDR
Date: 8/12/99 Month/Day/Year
Time:* 13:55 Hours: Min
* Military Time





This End Top

Sample ID: C-159-SED-1

Location:

Transect 159

Position 20%

Depth of Water: 14.2 ft

Total Length of Core: 0.75 ft

Core Interval: — ft

Samplers Initials: JJH/JTG

Date: 9/13/99 Month/Day/Year

Time:* 15:05 Hours: Min

* Military Time

0483 D54-OJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-159-SED-2

Location:

Transect 159

Position 40 %

Depth of Water: 14.5 ft

Total Length of Core: 0.6 ft

Core Interval: _____ ft

Samplers Initials: JJH/JTG

Date: 9/13/99 Month/Day/Year

Time:* 15:20 Hours: Min

* Military Time

01/93 D54-DJH
645011SPM64501003.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-159-SED-3

Location:
Transect 159

Position 60%

Depth of Water: 13.3 ft
Total Length of Core: 0.4 ft
Core Interval: _____ ft
Samplers Initials: JJH/JTG

Date: 9/13/99 Month/Day/Year

Time:* 15:30 Hours: Min

* Military Time

0483 DS4-DJH
645011SR64501p03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-159-SED-4

Location:

Transect 159

Position 80%

Depth of Water: 12.9 ft

Total Length of Core: 2.45 ft

Core Interval: — ft

Samplers Initials: JJH/JTG

Date: 9/13/99 Month/Day/Year

Time:* 15:45 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH JTG

Transect Number 159

Date 9/13/99 **Time In** 1440 **Time Out** 1620

Total Water Width 245'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+49'	0+98'	0+147'	0+196'
Water Column	14.2	14.5	13.3	12.9
Sediment Penetrated	.75	1.5	1.3	3.0
Sediment Recovered	.75	.6	.4	2.45
Time	1505	1520	1530	15.45
Sample ID	C-159-SED-1 fine sand gravel	C-159-SED-2 fine sand	C-159-SED-3 fine to coarse sand	C-159-SED-4 fine sand & silt 15.7

Station	Total Depth	Depth .2 | .6 | .8 (11.36 ↓)	Velocity .2 | .6 | .8	Average Velocity	Flow
0+50	14.2	2.84 | 11.36	0.02 | 0.04		
0+100	14.5	2.9 | 11.6	0.02 | 0.10		
0+150	13.3	2.66 | 10.64	0.02 | 0.12		
0+200	12.9	2.58 | 10.32	0.06 | 0.11		
		|	|		
		|	|		
		|	|		
		|	|		

Photo # 5 & 6

Notes

Bank Sketch



STRAIGHT STRETCH OF CREEK AWAY FROM BRIDGE ± 100' UPSTREAM

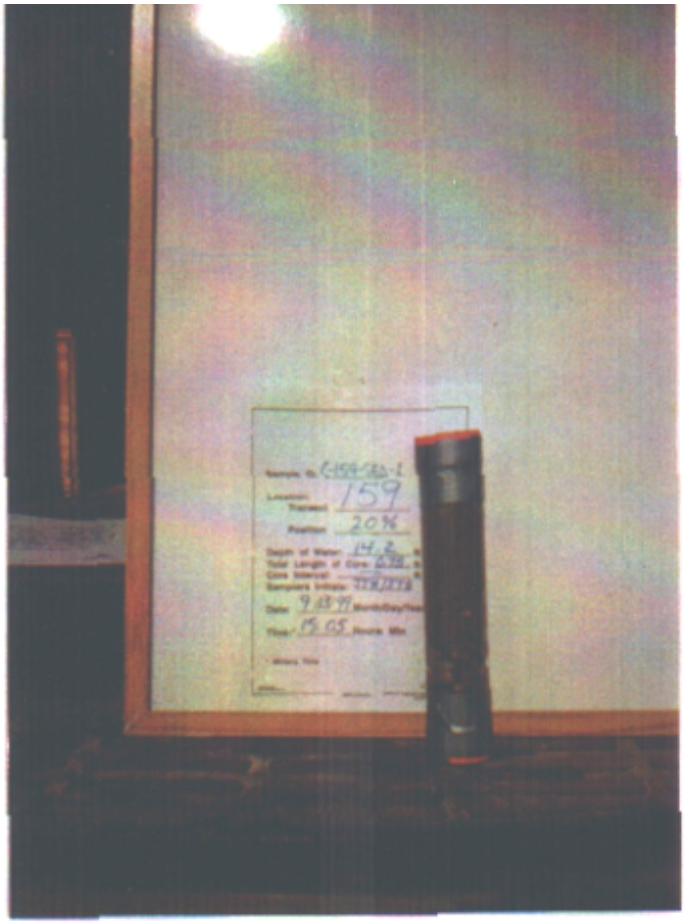


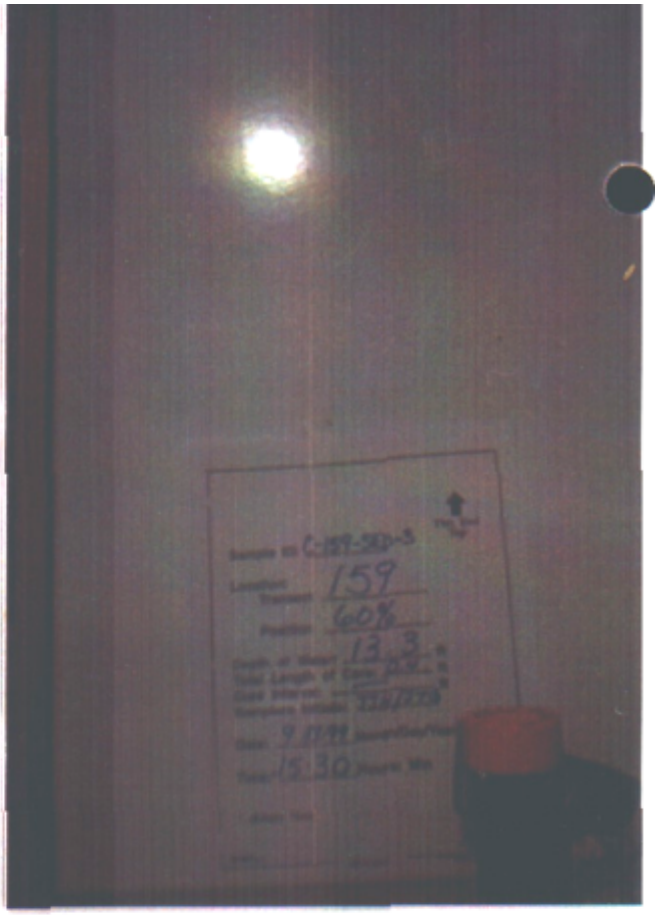
STEEP SLOPE (FACE) EXTREME EROSION EXTREME UNDERCUTTING

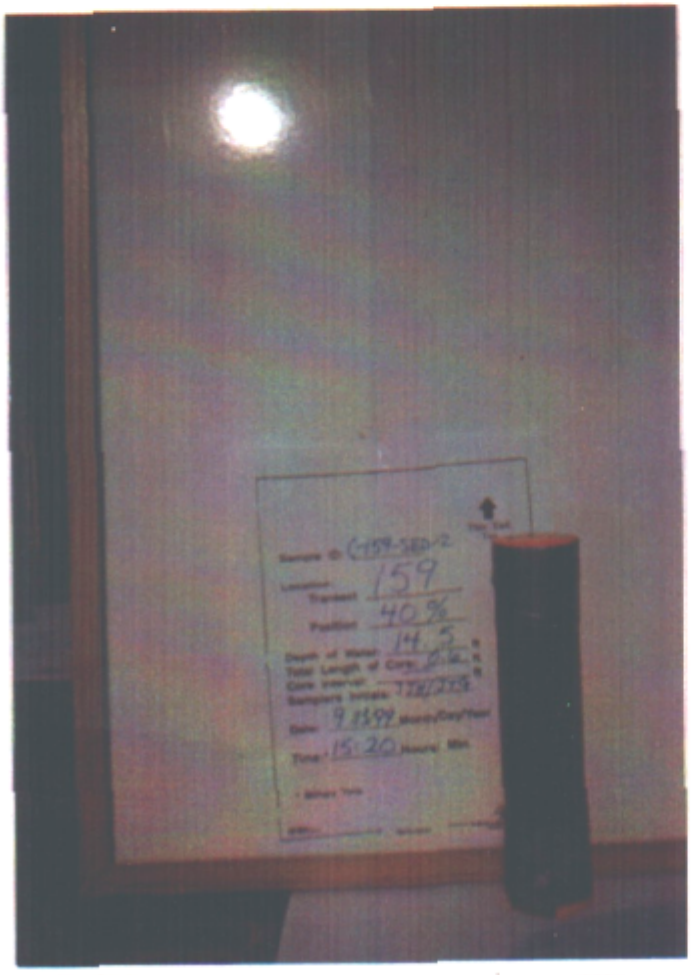
STEEP SLOPE (FACE) EXTREME EROSION EXTREME UNDERCUTTING


159 LEFT
9 1399


159 RIGHT


Sample ID: C-159-SED-1
Location:
Transect: 159
Position: 20%
Depth of Water: 14.2 ft
Total Length of Core: 0.98 ft
Core Interval: ft
Samplers Initials:
Date: 9/13/99 Month/Day/Year
Time: 15:05 Hours: Min


Sample ID: C-159-SED-3
Location:
Transect: 159
Position: 60%
Depth of Water: 13.3 ft
Total Length of Core: 0.4 ft
Core Interval: ft
Samplers Initials:
Date: 9/13/99 Month/Day/Year
Time: 15:30 Hours: Min


Sample ID: C-159-SED-2
Location:
Transect: 159
Position: 40%
Depth of Water: 14.5 ft
Total Length of Core: 0.6 ft
Core Interval: ft
Samplers Initials:
Date: 9/13/99 Month/Day/Year
Time: 15:20 Hours: Min





This End
Top

Sample ID: C-160-SED-3

Location:
Transect 160

Position 60%

Depth of Water: 16.2 ft
Total Length of Core: 1.9 ft
Core Interval: _____ ft
Samplers Initials: JJH/JTG

Date: 9/13/99 Month/Day/Year

Time:* 17:30 Hours: Min

* Military Time

DMB3 DS4-DJH
845011SR64501p03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-160-SED-4

Location:

Transect 160

Position 80%

Depth of Water: 4.1 ft

Total Length of Core: 3.5 ft

Core Interval: — ft

Samplers Initials: JJH/JTG

Date: 9/13/99 Month/Day/Year

Time:* 17:40 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH, JTG

Transect Number 160

Date 9/13/99 **Time In** 1630 **Time Out** 1800

Total Water Width 215'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+43	0+~~86~~ 86	0+129	172
Water Column	17.40	18.1	16.2	4.1
Sediment Penetrated	—	—	2.4	4.6
Sediment Recovered	—	~~X~~	1.9	3.5
Time	—	—	1730	17.40
Sample ID	—	—	C-160-sed-3	C-160-sed-4
	NO SAMPLE	NO SAMPLE ~~2+19.3~~	Fine sand w/ organics on top	5.3 fine sand 9.9 silty c

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

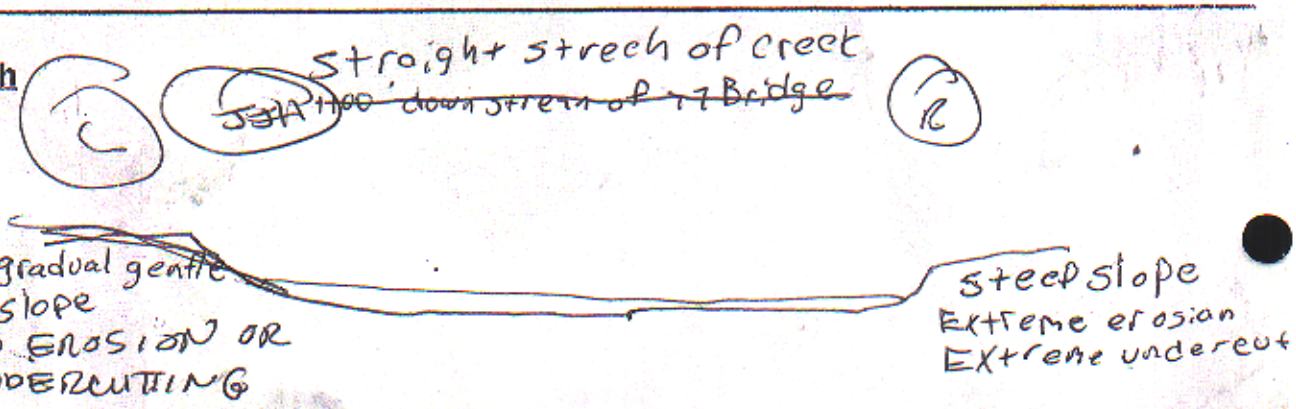
NO VELOCITIES

PHOTO'S 7+8

Notes

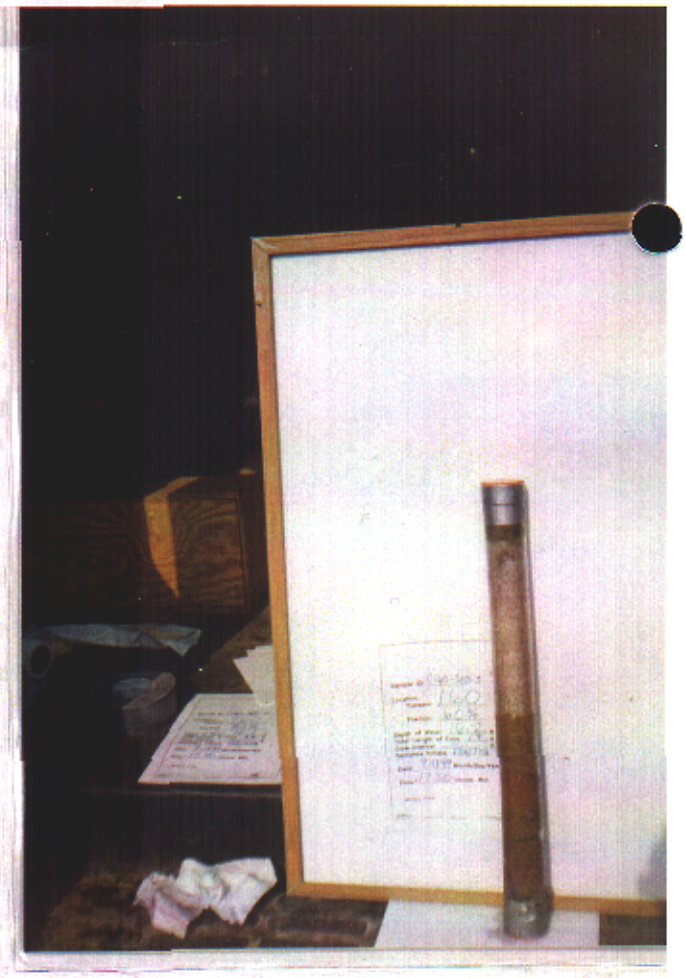
20% Rock Bottom @ 43', 38', 48' | 40% approx 0-10' of sediment (no recovery) rock bottom

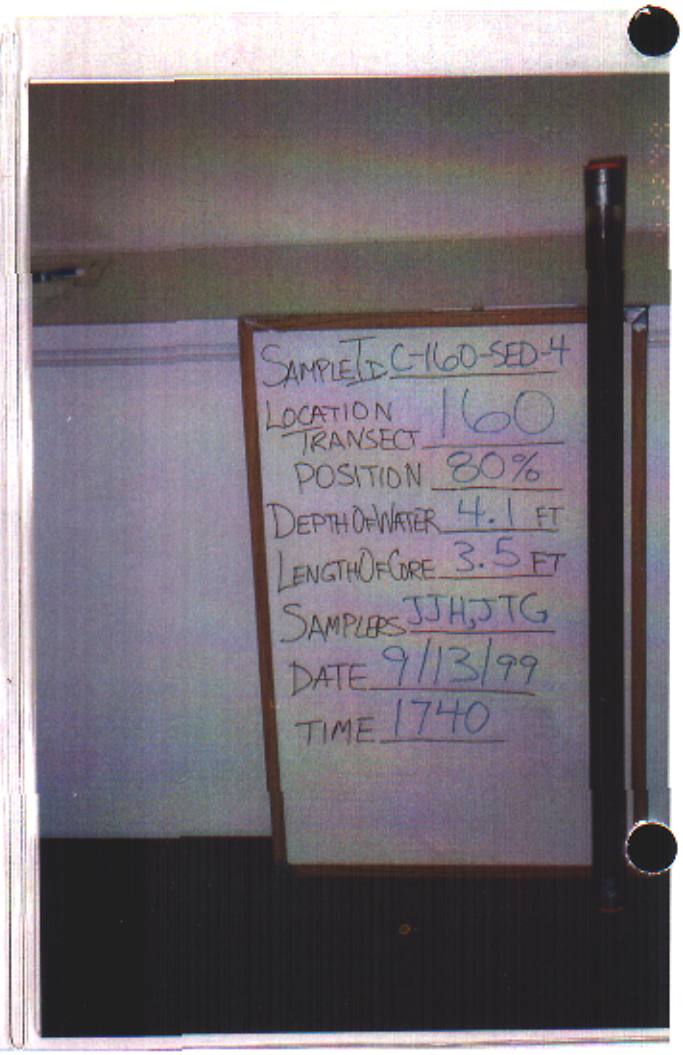
Bank Sketch




160 LEFT






SAMPLE ID C-160-SED-4
LOCATION TRANSECT 160
POSITION 80%
DEPTH OF WATER 4.1 FT
LENGTH OF CORE 3.5 FT
SAMPLERS JJH, JTG
DATE 9/13/99
TIME 1740

This End Top

Sample ID: C-161-SED-1

Location:

Transect 161

Position 20%

Depth of Water: 16.2 ft

Total Length of Core: 0.40 ft

Core Interval: — ft

Samplers Initials: JJH/JTG

Date: 9/14/99 Month/Day/Year

Time:* 08:50 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-161-SEP-2

Location:

Transect 161

Position 40%

Depth of Water: 17.2 ft

Total Length of Core: 1.0 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 09:00 Hours: Min

* Military Time

DMB3 D64-DJH
645011BR/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-161-SED-4

Location:

Transect 161

Position 80%

Depth of Water: 4.5 ft

Total Length of Core: 5.6 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 09:20 Hours: Min

* Military Time

01483 D64-CJH
645011SR64501g09.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 161

Date 9/14/99 **Time In** 0830 **Time Out** 1005

Total Water Width ~~350~~ 220

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	~~50~~ 44	~~100~~ 88	~~150~~ 132	~~200~~ 176
Water Column	16.2	17.2	17.5	4.5
Sediment Penetrated	1.85	1.85	Σ	7.2
Sediment Recovered	0.40	1.0		5.6
Time	0850	0900	0910	0920
Sample ID	C-161-SED-1	C-161-SED-2	~~C-161-SED-3~~	C-161-SED-4
	19.82 21.65 fine sand	19.15 21.0 fine to med. coarse sand	Rock Bottom	fine sand Gray clay

Station	Total Depth	Depth .2	Depth .6	Depth .8	Velocity .2	Velocity .6	Velocity .8	Average Velocity	Flow
0+45	16.2	3.24		12.96	0		0		
0+90	17.2	3.44		13.76	0		0		
0+135	17.5	3.5		14.0	0		0.02		
0+180	9.3 ~~9.3~~	~~0.9~~ 1.86		7.44	0.01		0.01		

Photos 9 & 10

Notes

60%, Rock Bottom, 150, 145, 155 NO SAMPLE

Straight strech of creek

Bank Sketch

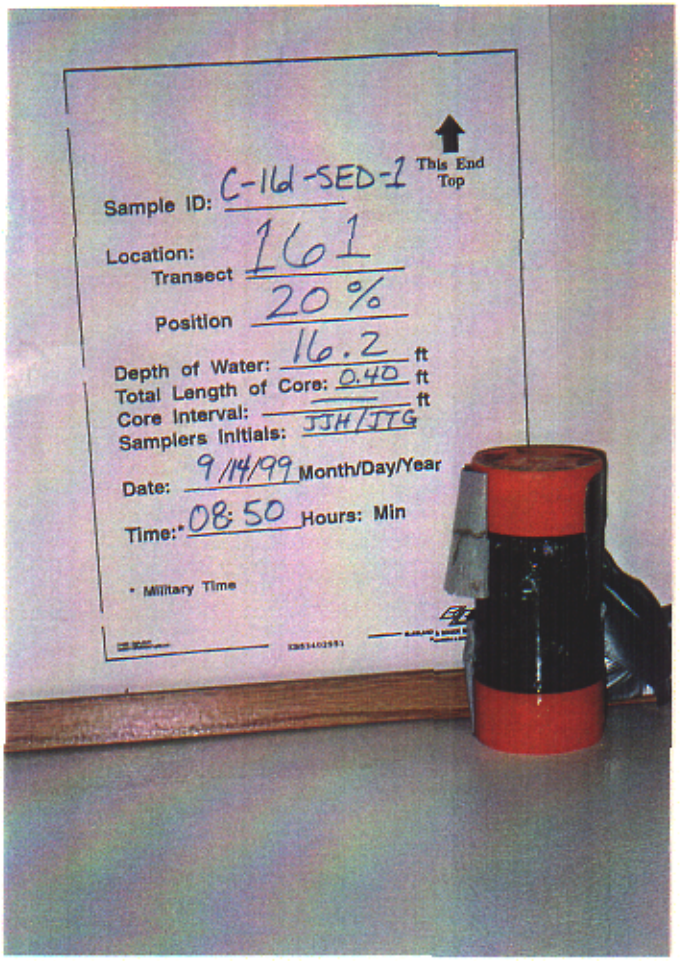
L R

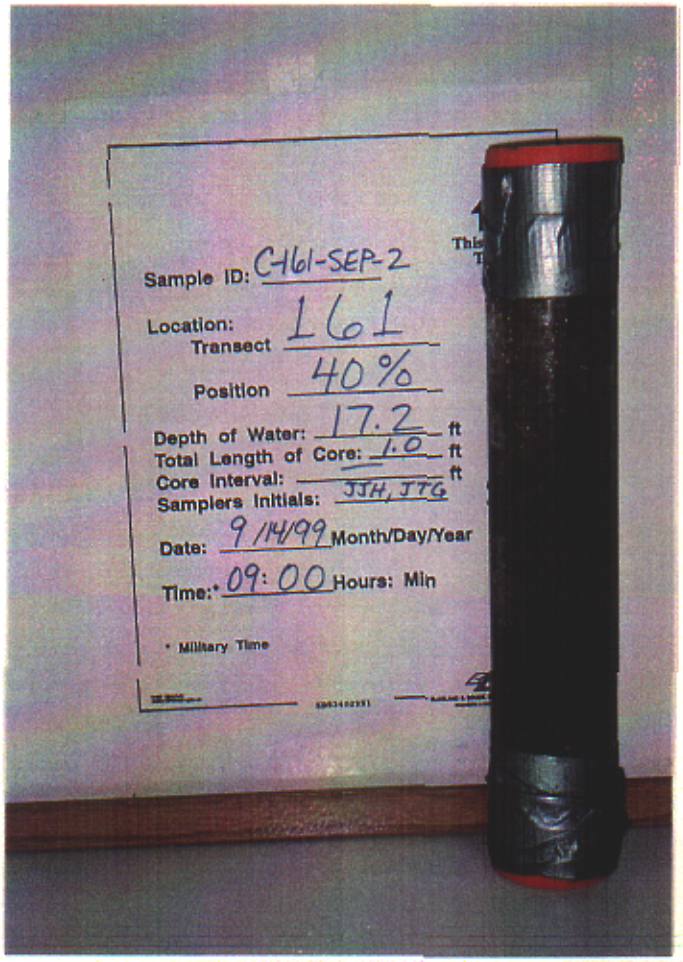
gradual gentle slope, no undercutting no erosion

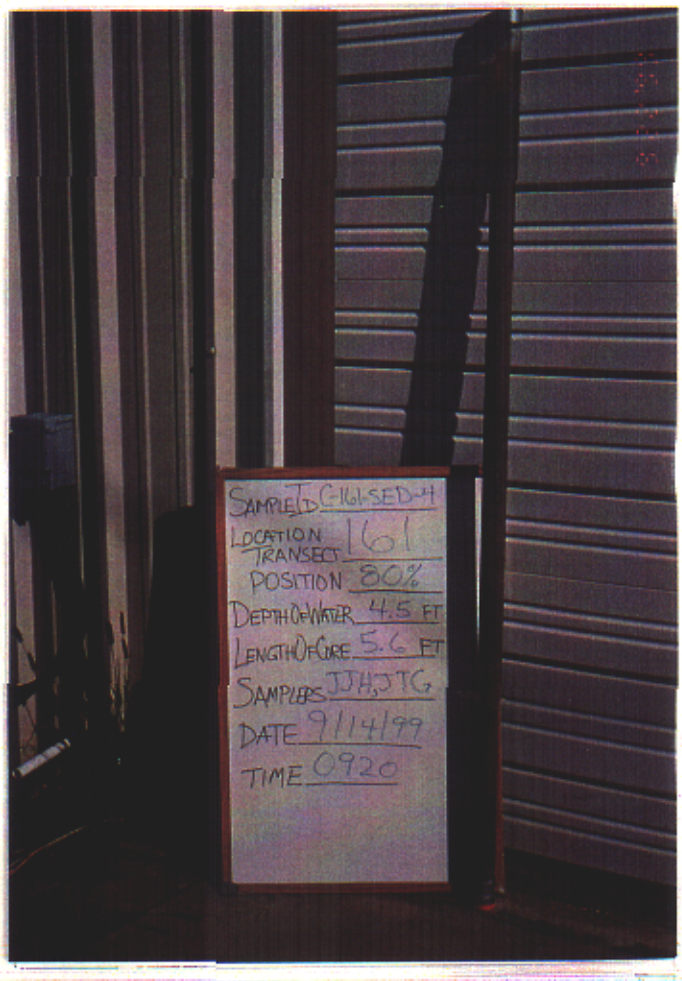
steep Prof no undercutt Extreme erosi


161 LEFT


161 RIGHT


This End Top
Sample ID: C-162-SED-1
Location:
Transect 161
Position 20%
Depth of Water: 16.2 ft
Total Length of Core: 0.40 ft
Core Interval: ft
Samplers Initials: JJH/JTG
Date: 9/14/99 Month/Day/Year
Time:* 08:50 Hours: Min
* Military Time


Sample ID: C-161-SED-2
Location:
Transect 161
Position 40%
Depth of Water: 17.2 ft
Total Length of Core: 1.0 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/14/99 Month/Day/Year
Time:* 09:00 Hours: Min
* Military Time


SAMPLE ID C-161-SED-4
LOCATION TRANSECT 161
POSITION 80%
DEPTH OF WATER 4.5 FT
LENGTH OF CORE 5.6 FT
SAMPLERS JJH, JTG
DATE 9/14/99
TIME 0920

This End Top

Sample ID: C-162-SED-3

Location:

Transect 162

Position 60%

Depth of Water: 3.3 ft

Total Length of Core: 2.0 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 09/14/99 Month/Day/Year

Time:* 10:55 Hours: Min

* Military Time

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945011SR54501g03.cdr

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-162-SED-4

Location:

Transect 162

Position 80%

Depth of Water: 1.9 ft

Total Length of Core: 1.5 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 11:05 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JTA/JTG

Transect Number 162

Date 9/14/99 **Time In** 1010 **Time Out** 1130

Total Water Width 360'

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+72'	0+144'	0+216'	0+288'
Water Column	16.0'	13.8'	3.3'	1.9'
Sediment Penetrated	—	—	2.1' 7.8'	2.7'
Sediment Recovered	—	—	2.0'	1.5'
Time	—	—	1055	1105
Sample ID	—	—	C-162-SED-3	C-162-SED-4
	NO SAMPLE	NO SAMPLE	BROWN MED SAND TO SILTY CLAY TO CLAY	BROWN SAND TO SILTY CLAY TO CLAY

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

PHOTO #3 11+12

Notes

70% ±0.1' SAND AND ROCK @ 72', 69', 77' - NO SAMPLE

40% " " " " @ 149', 139', 149' - NO SAMPLE

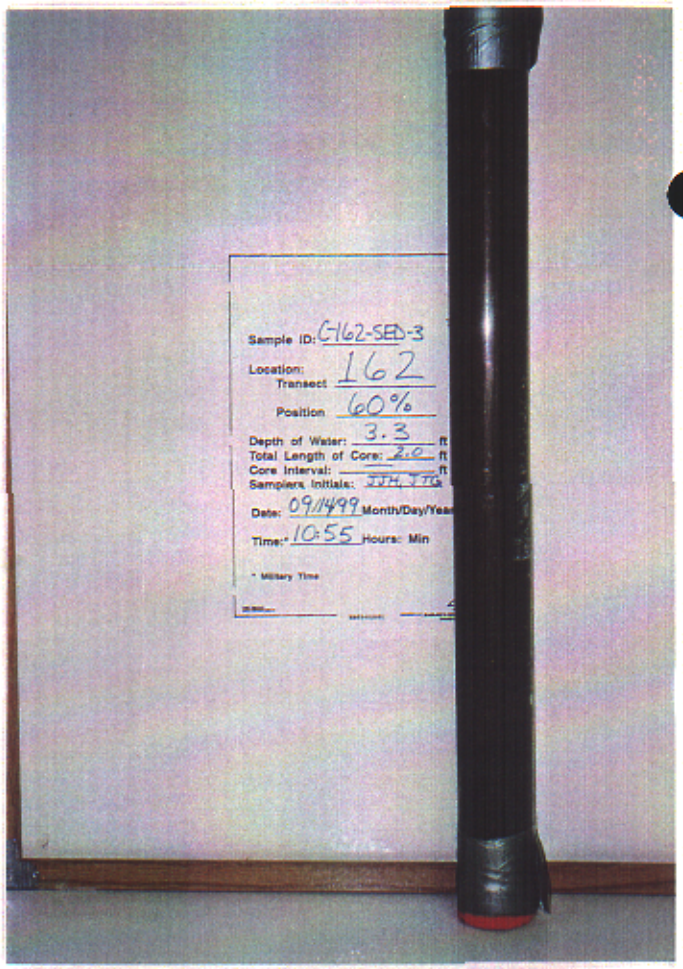
Bank Sketch

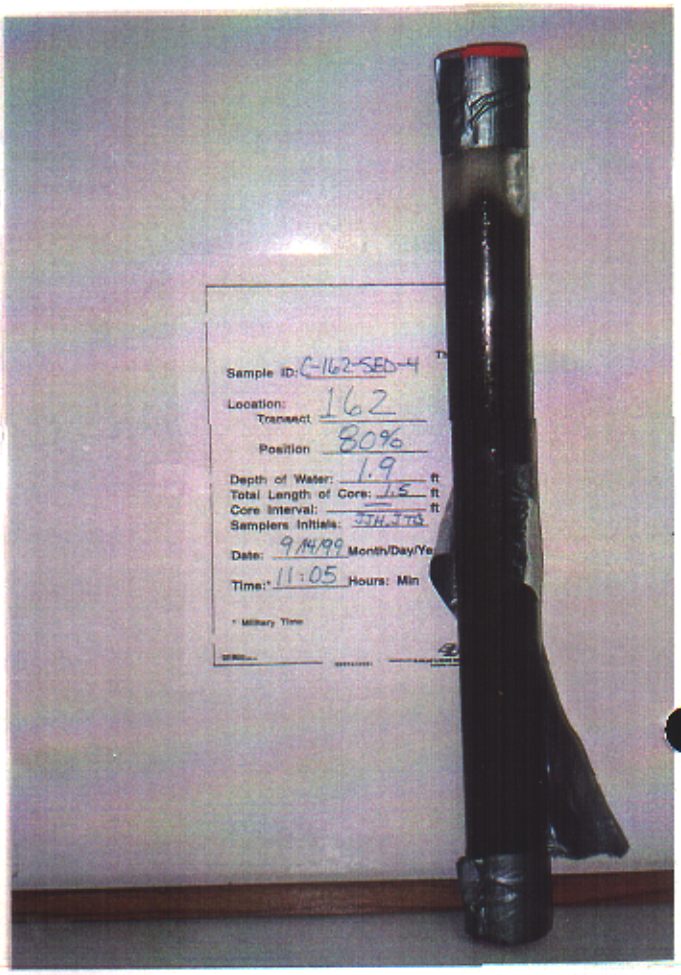
STRAIGHT STRETCH OF CREEK
ISLAND JUST UPSTREAM OF TRANSECT ± 100'




162 LEFT


162 RIGHT


Sample ID: G162-SED-3
Location:
Transect 162
Position 60%
Depth of Water: 3.3 ft
Total Length of Core: 2.0 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 09/14/99 Month/Day/Year
Time:* 10:55 Hours: Min
* Military Time


Sample ID: G-162-SED-4
Location:
Transect 162
Position 80%
Depth of Water: 1.9 ft
Total Length of Core: 1.5 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/14/99 Month/Day/Ye
Time:* 11:05 Hours: Min
* Military Time



This End Top

Sample ID: C-163-SED-1

Location:

Transect 163

Position 20%

Depth of Water: 8.3 ft

Total Length of Core: 3.4 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 11:50 Hours: Min

* Military Time

01/93 D64-DJH
6450115R/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-163-SED-2

Location:
Transect 163

Position 40%

Depth of Water: 17.7 ft
Total Length of Core: 1.9 ft
Core Interval: — ft
Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 12:00 Hours: Min

* Military Time

DMB3 DS4-CJH
645011BN64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-163-SED-4

Location:

Transect 163

Position 80%

Depth of Water: 18.6 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 12:25 Hours: Min

* Military Time

01/93 D54-DJH
54501159/54501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 163

Date 9/14/99 **Time In** 1135 **Time Out** 1315

Total Water Width 220'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				
Sample Width	0+44	0+88'	0+132'	0+176'
Water Column	8.3	17.7	23.6 24.1	18.6
Sediment Penetrated	5.7	~~3.2~~	—	.9
Sediment Recovered	3.4	~~1.9~~	—	.5
Time	1150	1200	1215	1225
Sample ID	C-163-SED-1 fine sand & silt over grey clay	C-163-SED-2 med-coarse to coarse sand	~~C-163-SED-3~~ NO SAMPLE	C-163-SED-4 silt

Photos 13+14

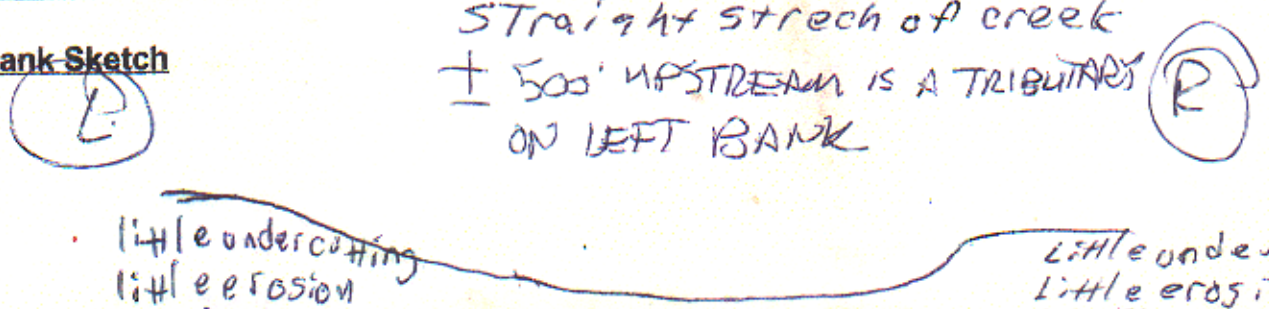
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+44	8.3	1.66 | 1.664	0.01 | 0.02		
0+89	17.7	3.54 | 111.9	0.09 | 0.04		
0+134	23.6	4.72 | 118.88	0.11 | 0		
0+180	18.6	3.72 | 114.88	0.07 | 0		
		|	|		
		|	|		
		|	|		
		|	|		

photos 13 & 14

Notes

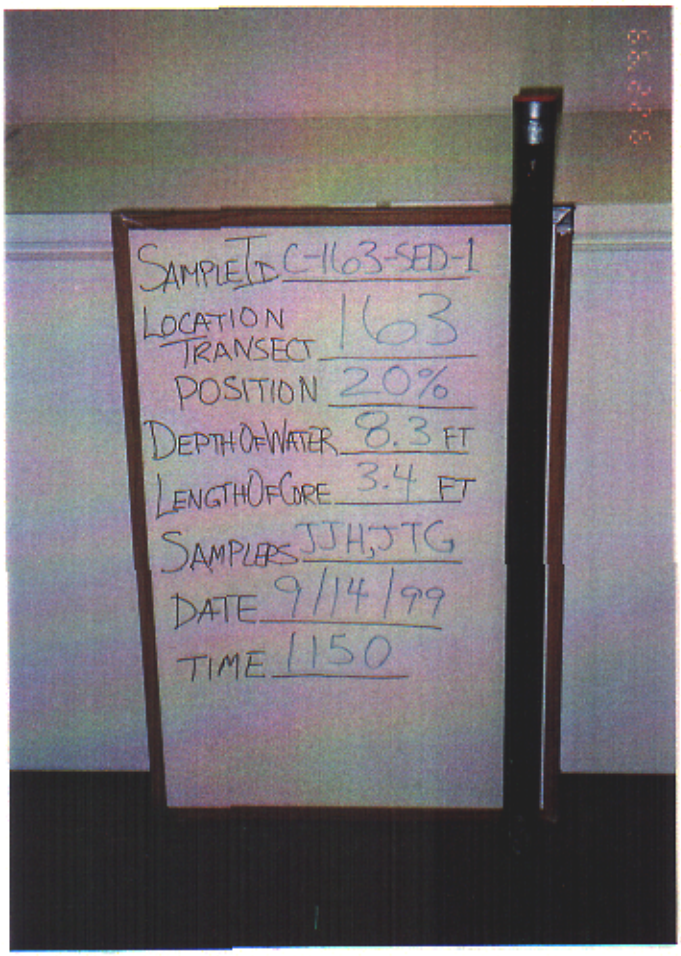
Possibly last clay plug at C-163-SED-2 - 60% 132' rocks, 137', 127', 60% 127' - 10 of sand over rock, no recovery

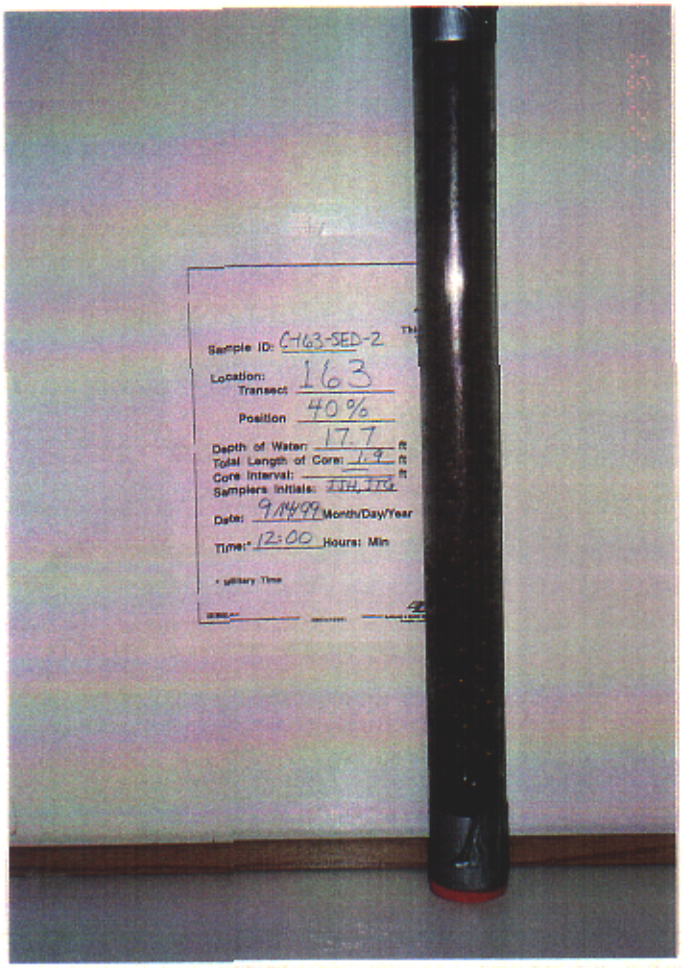
Bank Sketch

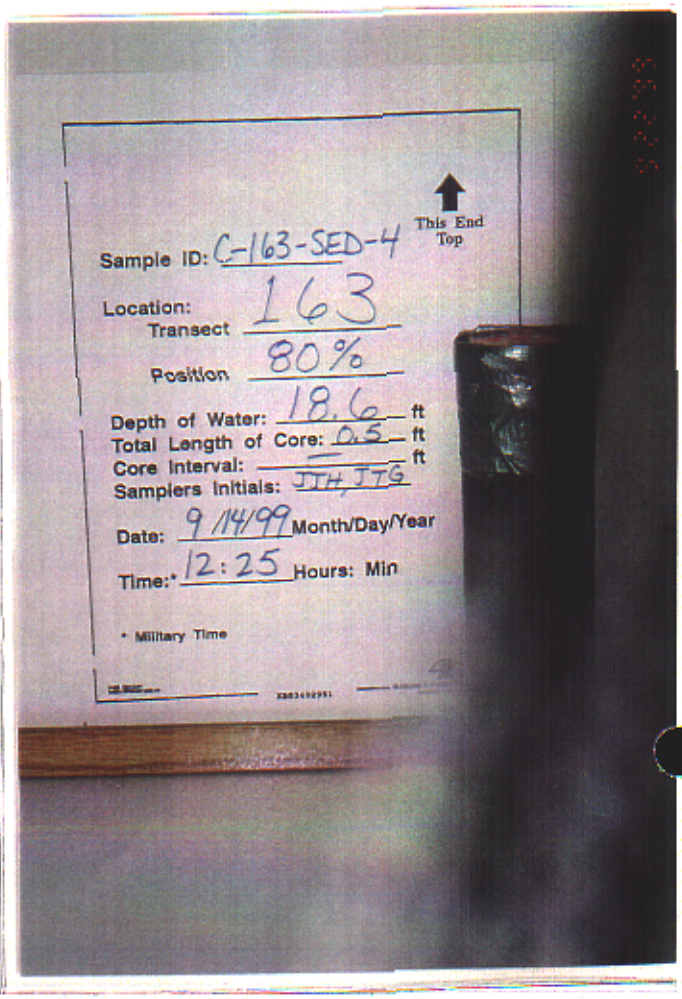



163 LEFT


163 RIGHT


Sample ID: C-163-SED-1
Location
Transect 163
Position 20%
Depth of Water 8.3 FT
Length of Core 3.4 FT
Samplers JJH, JTG
Date 9/14/99
Time 1150


Sample ID: C-163-SED-2
Location:
Transect 163
Position 40%
Depth of Water: 17.7 ft
Total Length of Core: 1.9 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/14/99 Month/Day/Year
Time:* 12:00 Hours: Min
* Military Time


This End Top
Sample ID: C-163-SED-4
Location:
Transect 163
Position 80%
Depth of Water: 18.6 ft
Total Length of Core: 0.5 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/14/99 Month/Day/Year
Time:* 12:25 Hours: Min
* Military Time

This End Top

Sample ID: C-164-SED-1

Location:

Transect 164

Position 20%

Depth of Water: 9.5 ft

Total Length of Core: 1.4 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 13:40 Hours: Min

* Military Time

01/93 D64-DJH
645011SR/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End
Top

Sample ID: C-164-SED-2

Location:
Transect 164

Position 40%

Depth of Water: 16.4 ft
Total Length of Core: 1.4 ft
Core Interval: — ft
Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 13:50 Hours: Min

* Military Time

01483 DS4-DJH
645011SP64501g03.cdr

KB53402951

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This End Top

Sample ID: C-164-SED-4

Location:

Transect 164

Position 80%

Depth of Water: 12.5 ft

Total Length of Core: 1.45 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 14:00 Hours: Min

* Military Time

01/93 DS4-DJH
6450115RM54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

JJH / JTG

Transect Number 164

Date 9/14/99 **Time In** 1325 **Time Out** 1435

Total Water Width 230'

	20% (1)	40% (2)	60% (3)	80% (4)
Sample Station				168
Sample Width	@146'	@192'	@138'	@184'
Water Column	9.5'	~~10.3~~ 16.4'	19.6'	~~13.8~~ 12.5'
Sediment Penetrated	1.4'	1.8	—	1.7
Sediment Recovered	1.4'	1.4	—	1.45
Time	1340	1350	—	1400
Sample ID	C-164-SED-1 SILTY F SAND TO SILTY CLAY	C-164-SED-2 M-C SAND, TR SILT AT TOP	NO SAMPLE	C-164-SED-3 SILTY VF SAND TO SILTY CLAY

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		NO VELOCITIES			

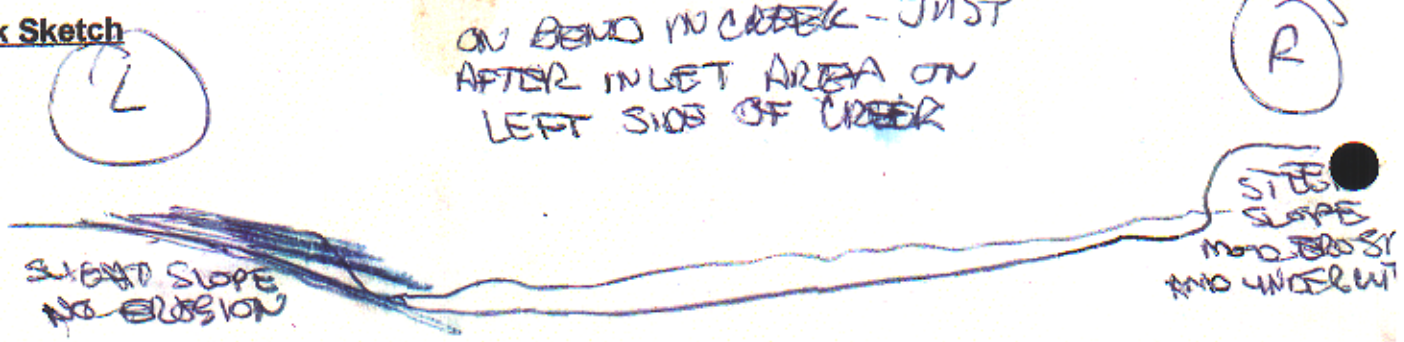
PHOTO #3 15+16

Notes

60% Rock Bottom @ 138', 143', 133'. NO SAMPLE

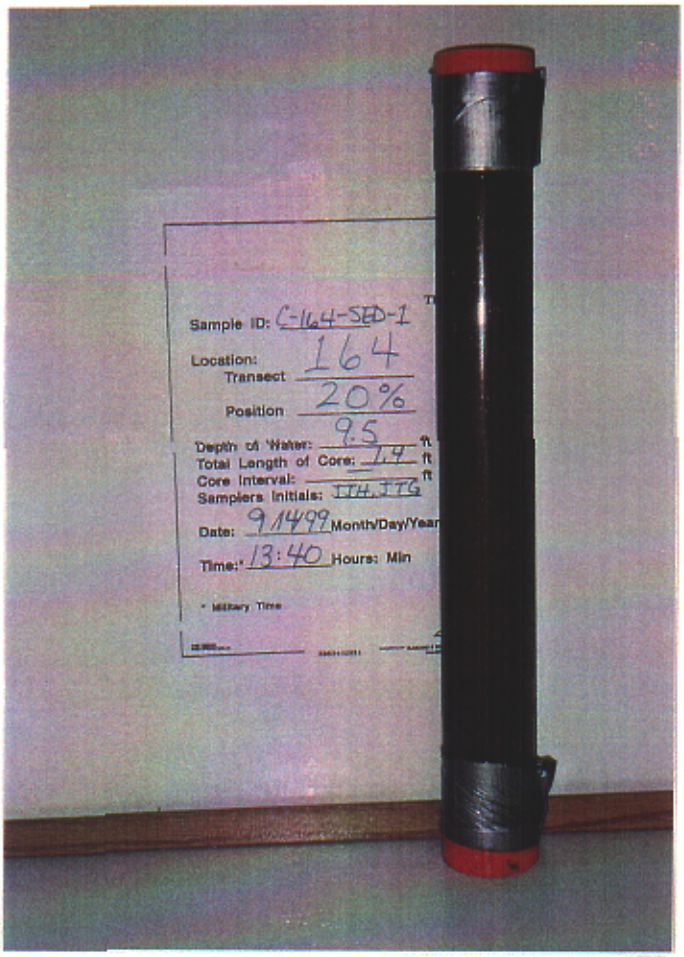
80% Rock Bottom @ 184'

Bank Sketch

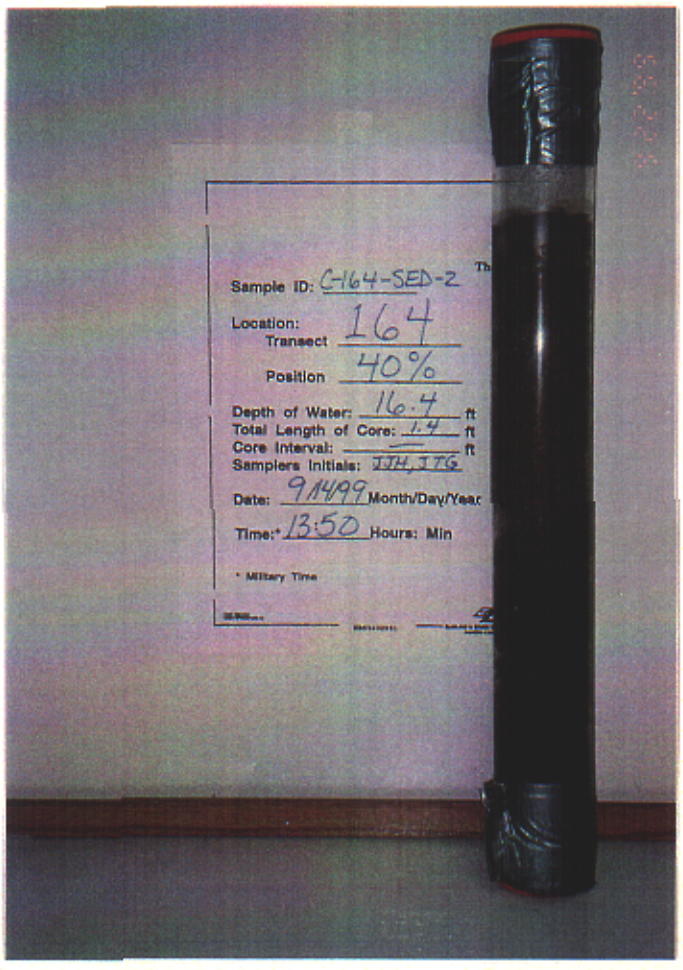


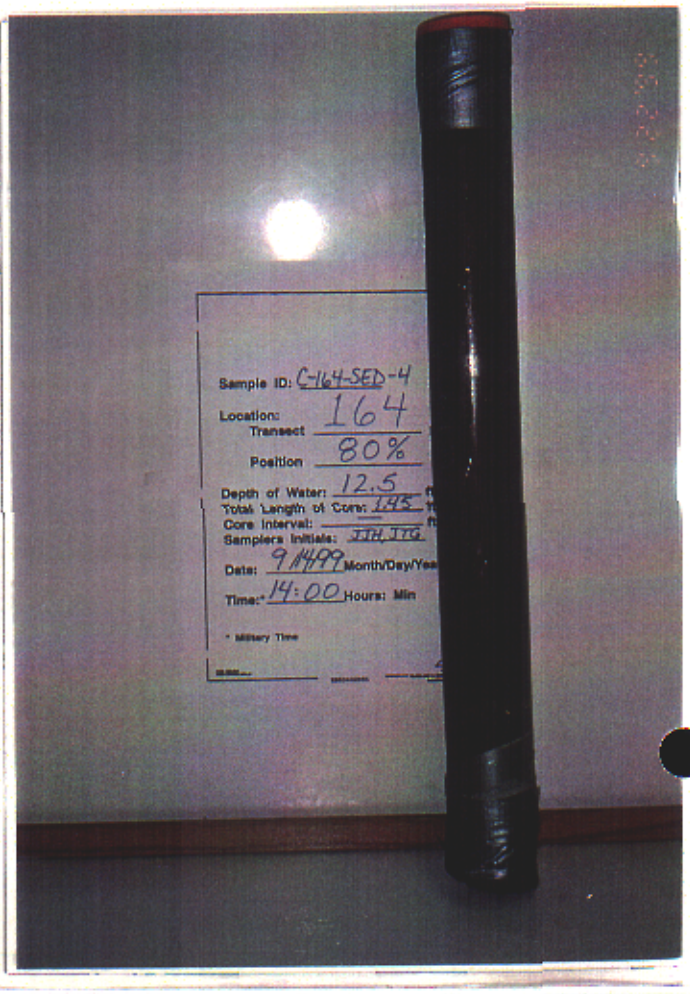

164 LEFT


164 RIGHT



W/D#447 56 30 N N N N < >*583







This End Top

Sample ID: C-165-SED-1

Location:

Transect 165

Position 20%

Depth of Water: 12.1 ft

Total Length of Core: 0.80 ft

Core Interval: _____ ft

Samplers Initials: IJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 14:40 Hours: Min

* Military Time

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This End Top

Sample ID: C-165-SED-2

Location:

Transect 165

Position 40%

Depth of Water: 15.3 ft

Total Length of Core: 0.5 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 14:50 Hours: Min

* Military Time

01/93 D64-DJH
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This End Top

Sample ID: C-165-SED-4

Location:

Transect 165

Position 80%

Depth of Water: 12.4 ft

Total Length of Core: 0.40 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/14/99 Month/Day/Year

Time:* 15:15 Hours: Min

* Military Time

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845011SPM54501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

JSW/JTG

Transect Number 165

Date 9/14/99 **Time In** 1430 **Time Out** 1690

Total Water Width ~~14230~~

	20% (1)	40% (2)	60% (3)	80% (4) 189
Sample Station				
Sample Width	0+46	0+92	0+138	0+184
Water Column	12.1	15.3	17.60	12.4
Sediment Penetrated	.80	1.25	—	.30
Sediment Recovered	.80	.5	—	.40
Time	1440	1450	1500	1515
Sample ID	C-165 SED-1 silt	C-165-SED-2 silt over fine to medium course sand	~~C-165-SED3~~ NO SAMPLE	C-165-SED-4 Fine sand, silt

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		| |	| |		
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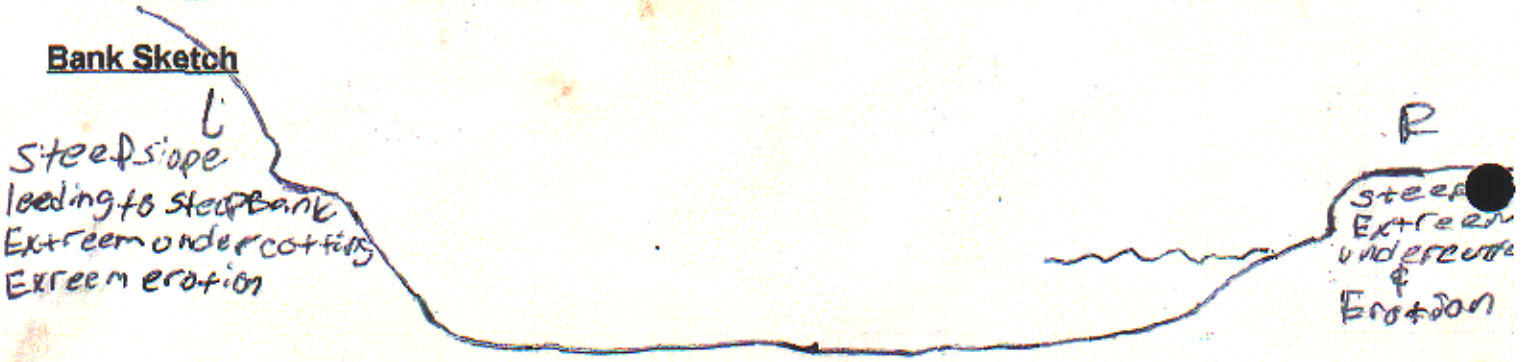
		| |	| |		

Photos 17 & 18

Notes

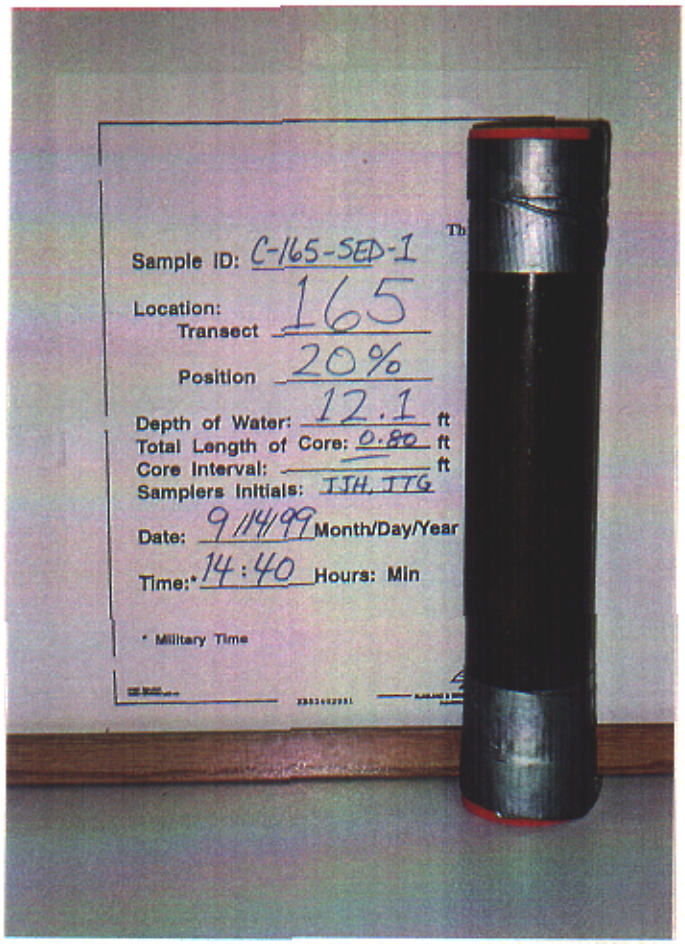
60% Rock Bottom 136' 131', 141' - 80% 184' Rock Bottom

Bank Sketch

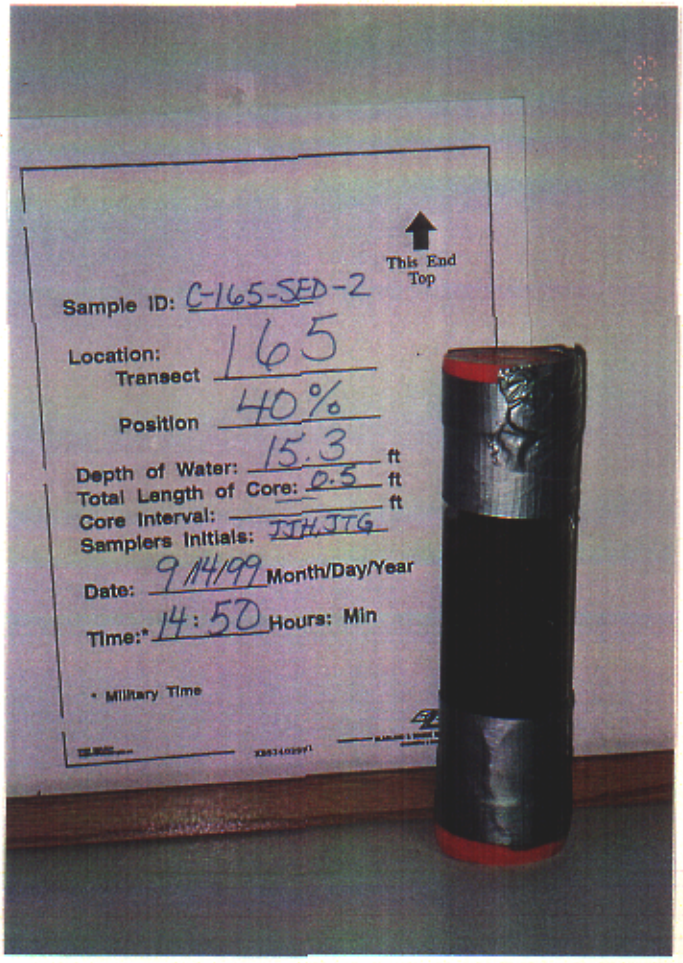


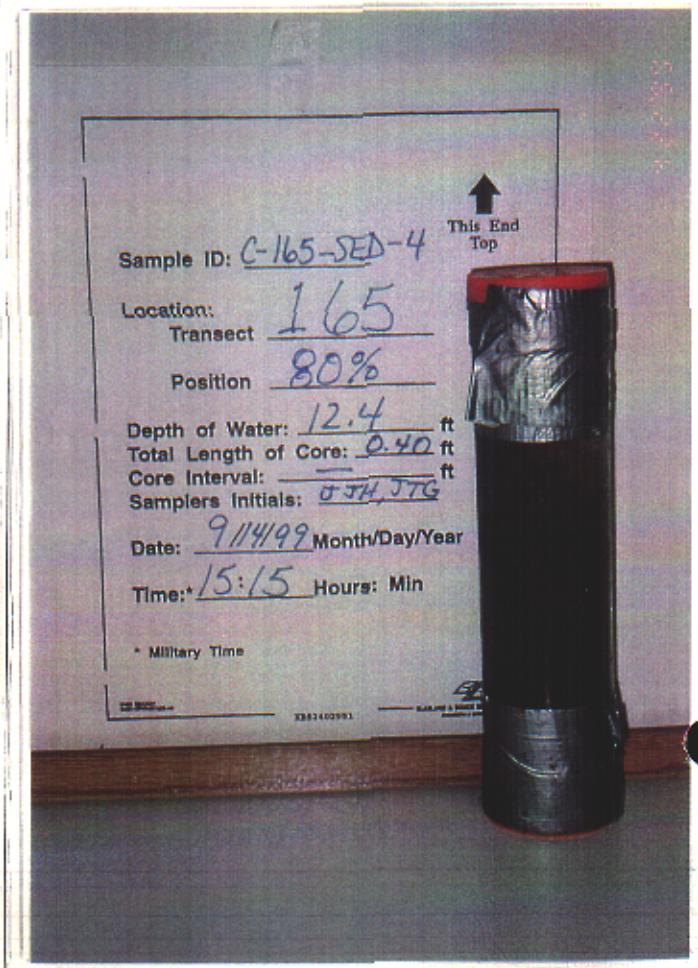

165 LEFT


165 RIGHT



W/CM447 56 34 N N N N < >MSS3





This End Top

Sample ID: C-166-SED-1

Location:

Transect 166

Position 14%

Depth of Water: 11.8 ft

Total Length of Core: 1.66 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/15/99 Month/Day/Year

Time:* 10:50 Hours: Min

* Military Time

01/93 D64-DJH
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This End Top

Sample ID: C-166-SED-2

Location:

Transect 166

Position 28%

Depth of Water: 2.2 ft

Total Length of Core: 1.9 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/15/99 Month/Day/Year

Time:* 10:40 Hours: Min

* Military Time

01/93 D54-DJH
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This End Top

Sample ID: C-166-SED3

Location:
Transect 166

Position 42%

Depth of Water: 1.5 ft
Total Length of Core: 1.05 ft
Core Interval: _____ ft
Samplers Initials: JJH, JTG

Date: 9/15/99 Month/Day/Year

Time:* 10:30 Hours: Min

* Military Time

DWB3 DS4-CJH
645011ER64501g03.cdr

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This End Top

Sample ID: C-166-SED-4

Location:

Transect 166

Position 56%

Depth of Water: 5.2 ft

Total Length of Core: 2.7 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/15/99 Month/Day/Year

Time:* 10:20 Hours: Min

* Military Time

01/93 D64-DJH
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This End Top

Sample ID: C-166-SED-5

Location:

Transect 166

Position 70%

Depth of Water: 9.8 ft

Total Length of Core: 3.6 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/15/99 Month/Day/Year

Time:* 10:10 Hours: Min

* Military Time

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This End Top

Sample ID: C-166-SED-6

Location:

Transect 166

Position 84%

Depth of Water: 3.7 ft

Total Length of Core: 0.55 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/15/99 Month/Day/Year

Time:* 10:00 Hours: Min

* Military Time

DM83 D54-DJH
645011BR/64501g03.cdr

KB53402951

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station - 52
width - 3.50
water col. 2.2
Pen - 2.0
recov - 1.9
Time - 1040

C-166-SED-2

28%

Station #1
width - 1.95
w. col. 11.8
Pen. 2.85
Recov 1.66
Time - 1050

C-166-SED-1

14%

5 4 3 2

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 166

Date 9/15/99 **Time In** 0930 **Time Out** 1100

Total Water Width	11B	70%	56%	42%
Sample Station	84% ~~20% (1)~~ 6	~~40% (2)~~ 5	~~60% (3)~~ 4	~~80% (4)~~ 3
Sample Width	9+94	8+20	6+99	5+16
Water Column	3.7	9.8	5.2	~~3.7~~ 1.5
Sediment Penetrated	.6	4.8	8.75	1.20
Sediment Recovered	.55	3.6	2.7	1.05
Time	1000	1010	1020	1030
Sample ID	C-166-SED-6 clay	C-166-SED-5 silt over clay	C-166-SED-4 fine sand & silt	C-166-SED-3 fine sand

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
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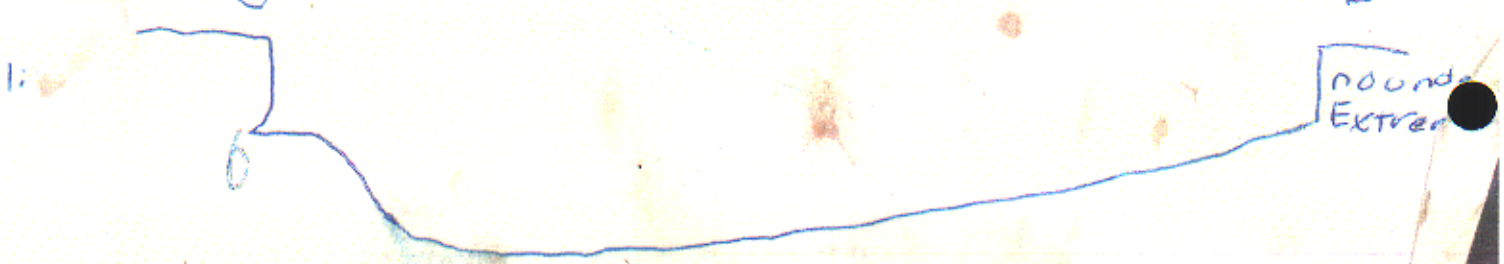
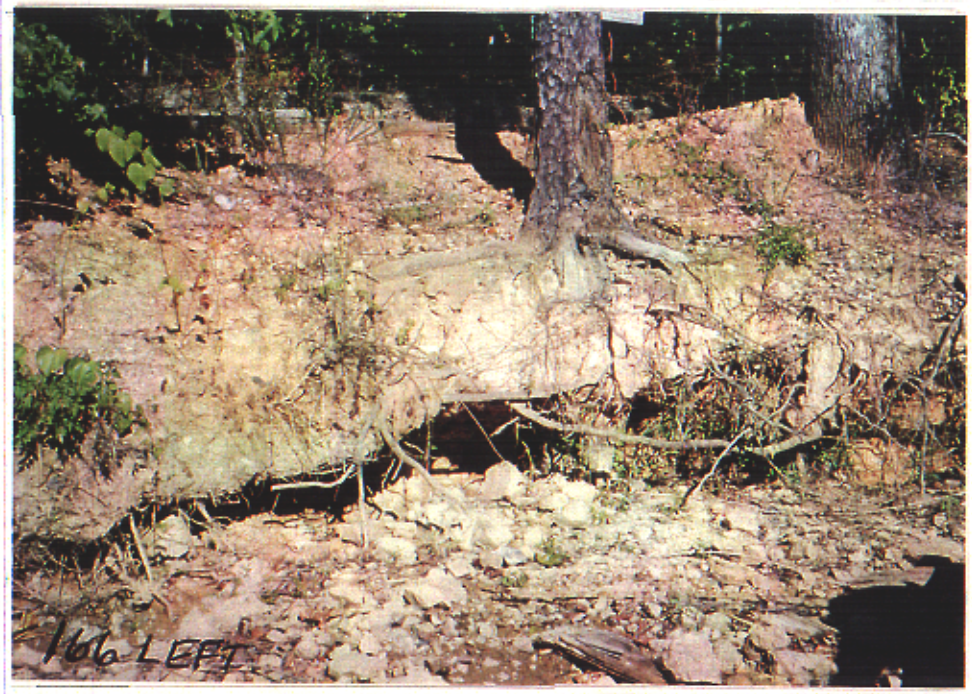
		| |	| |		

Photos 19+20

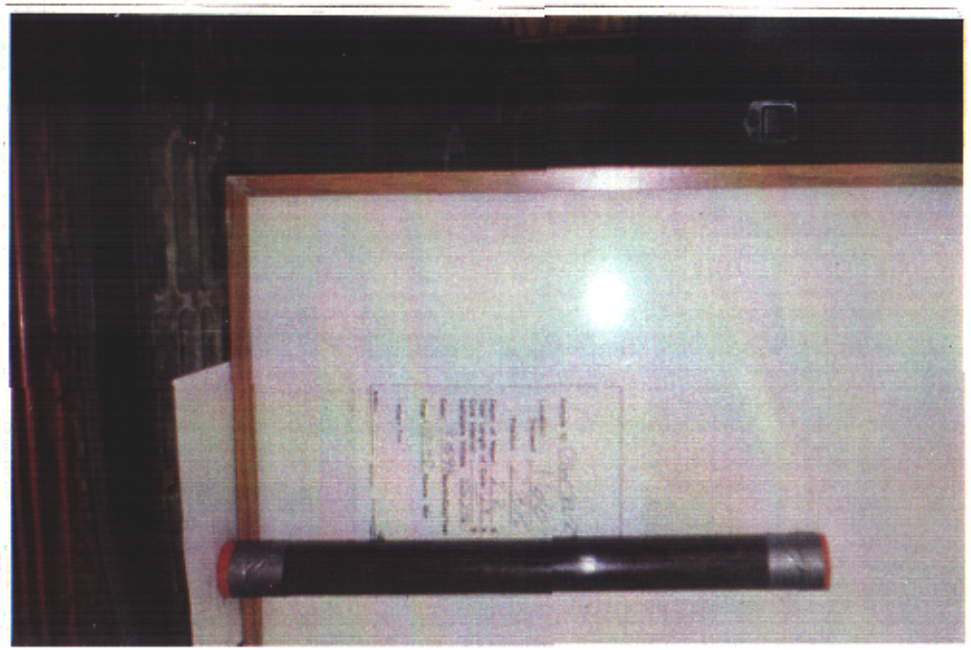
Notes

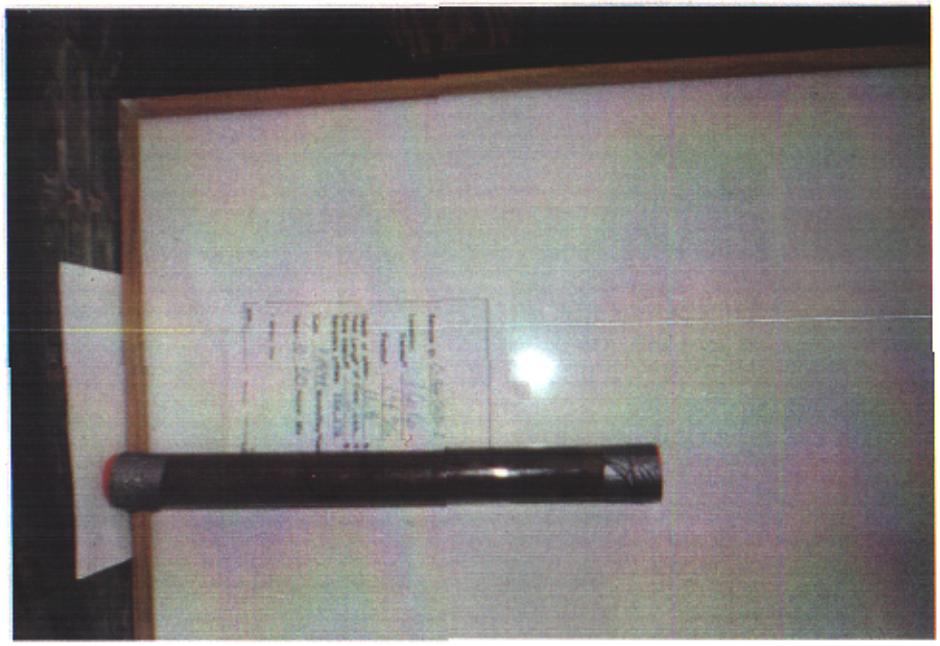
Bank Sketch

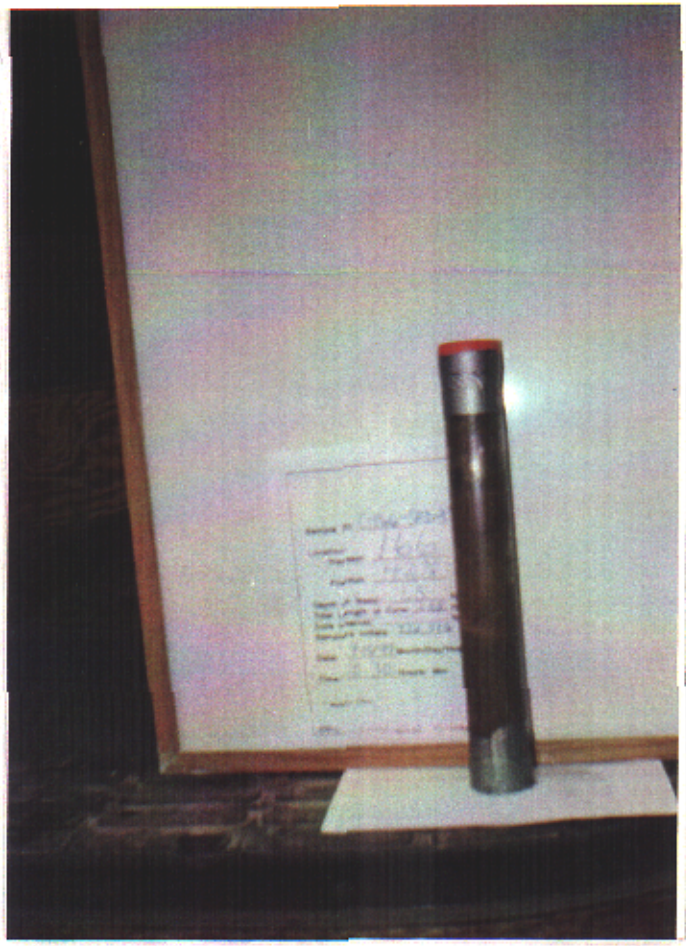


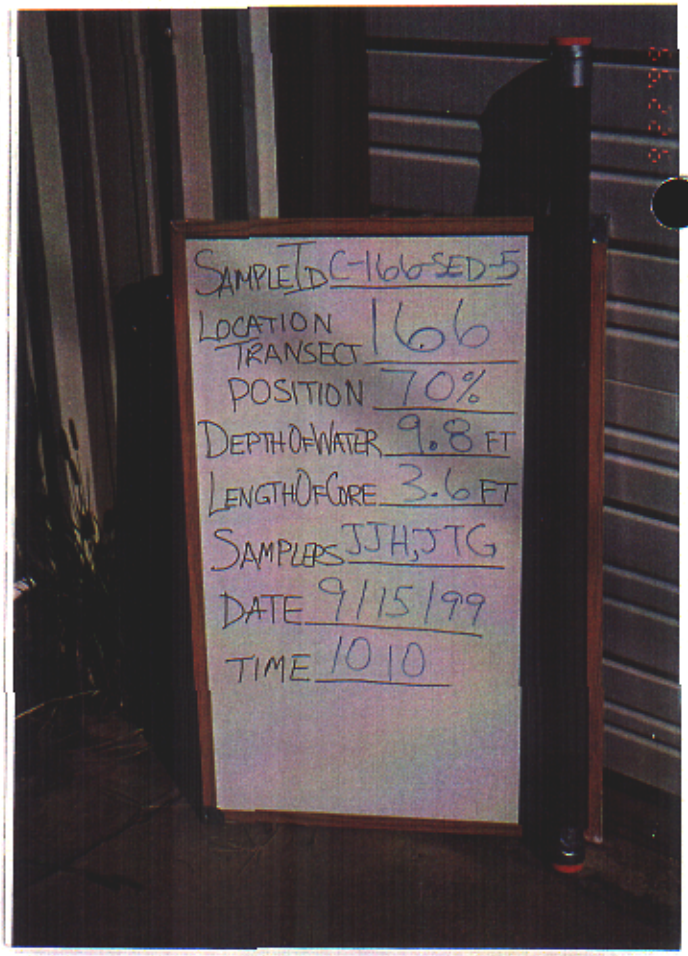

166 LEFT

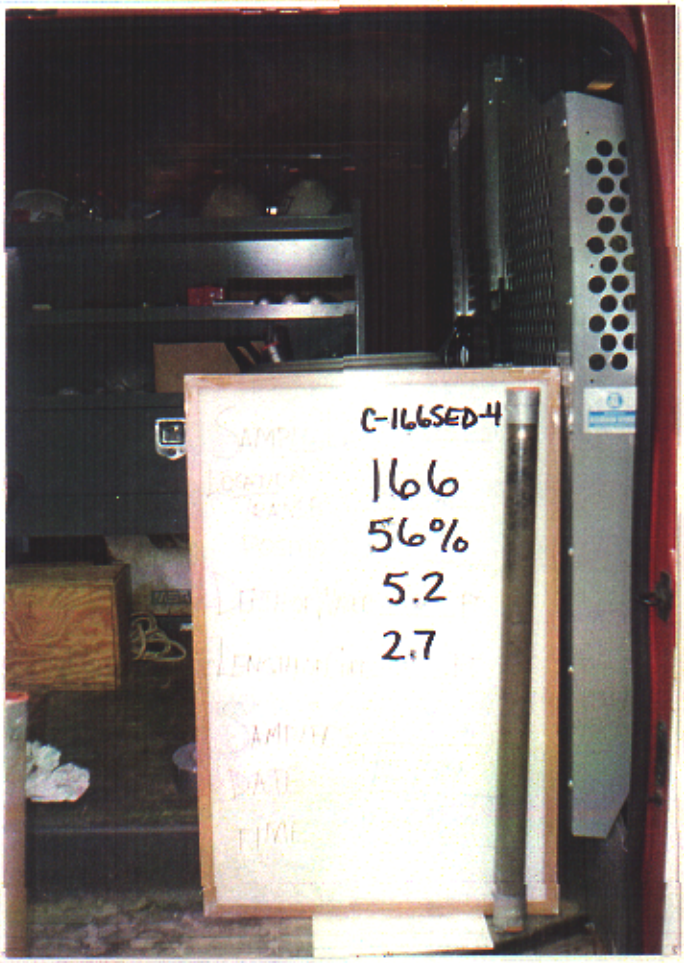

166 RIGHT

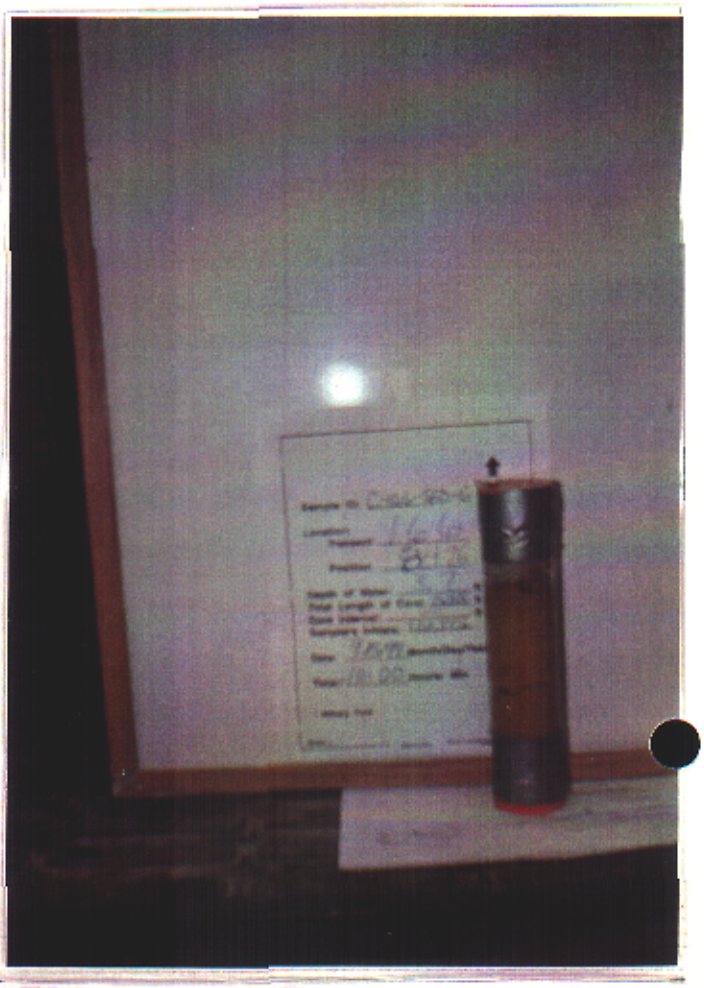







SAMPLE ID C-166-SED-5
LOCATION TRANSECT 166
POSITION 70%
DEPTH OF WATER 9.8 FT
LENGTH OF CORE 3.6 FT
SAMPLERS JJH, JTG
DATE 9/15/99
TIME 1010


C-166SED-4
166
56%
5.2
2.7



This End Top

Sample ID: C-167-SED-2

Location:

Transect 167

Position 34%

Depth of Water: 3.7 ft

Total Length of Core: 3.8 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 10:30 Hours: Min

* Military Time

01/93 D64-DJH
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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-167-SED-3

Location:

Transect 167

Position 51%

Depth of Water: 6.9 ft

Total Length of Core: 3.64 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 10:20 Hours: Min

* Military Time

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645011BR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-167-SED-4

Location:

Transect 167

Position 68%

Depth of Water: 9.9 ft

Total Length of Core: 5.3 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 10:00 Hours: Min

* Military Time

01/93 D54-DJH
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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-167-SED-5

Location:

Transect 167

Position 85%

Depth of Water: 6.2 ft

Total Length of Core: 3.0 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 09:50 Hours: Min

* Military Time

01/93 D64-OJH
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KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH, JTG

Transect Number 167

Date 9/17/99

Time In	875	0930	**Time Out**		
Total Water Width	~~(5) 85%~~	~~(4) 68%~~	(3) 51%	34% (2)	
Sample Station	~~20% (1)~~	~~40% (2)~~	~~60% (3)~~	~~80% (4)~~	
Sample Width	7+27	5+72	4+30	2+94	
Water Column	6.2'	9.9	6.9	3.7	
Sediment Penetrated	3.5'	5.5	3.86	3.9	
Sediment Recovered	3.0'	5.3	3.64	3.8	
Time	0950	1000	1020	1030	
Sample ID	C-167-SED-5 F SAND	C-167-SED-4 silt over clay	C-167-SED-3 SILT THROUGHOUT SOME CLAY	C-167-SED-2 SILT THROUGHOUT ~~SOME CLAY~~	

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

NO VELOCITIES

Photos 21 & 22

Notes (5) ± .2' SAND AT LOCATION - COULD NOT COLLECT SAMPLE

Bank Sketch

L

R

STRAIGHT STRETCH OF CREEK JUST BEFORE BEND

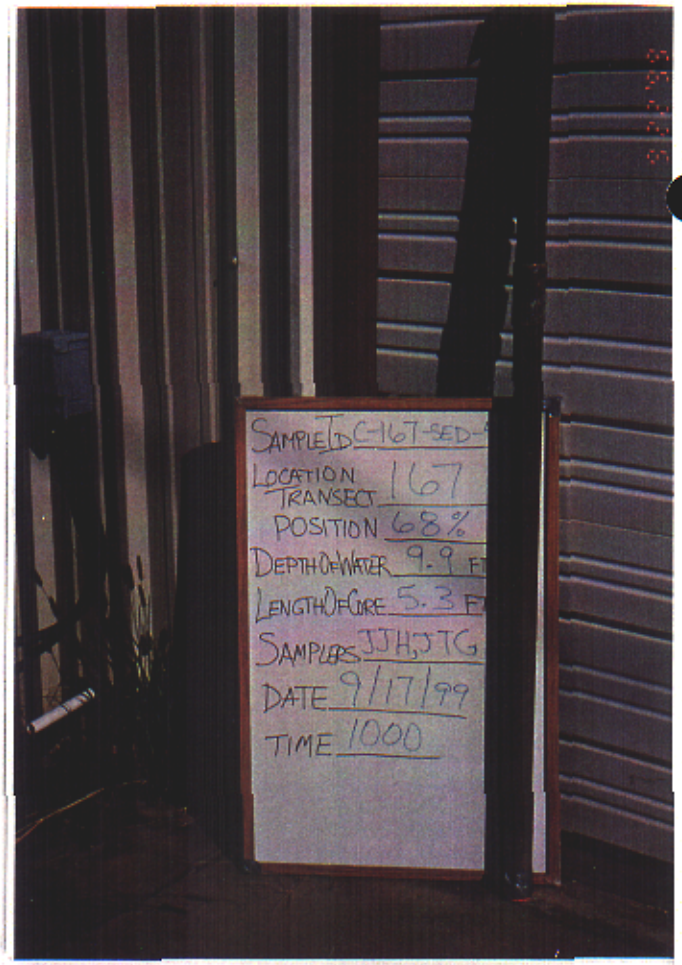
MILD SLOPE NO EROSION

MOD SLOPE NO EROSION


167 LEFT


167 RIGHT




SAMPLE ID C-167-SED-
LOCATION TRANSECT 167
POSITION 68%
DEPTH OF WATER 9.9 FT
LENGTH OF CORE 5.3 F
SAMPLERS JJH, JTG
DATE 9/17/99
TIME 1000


C-167SED3
167
51%
6.9
3.64
9/17/99
1020


C-167-SED5
167
85%
6.2
3.0
9/17/99
0950

This End Top

Sample ID: CH68-SED-1

Location:
Transect 168

Position 12%

Depth of Water: 3.6 ft
Total Length of Core: 1.0 ft
Core Interval: — ft
Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 10:00 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-168-SED-2

Location:

Transect 168

Position 24%

Depth of Water: 2.1 ft

Total Length of Core: 1.0 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/1/99 Month/Day/Year

Time:* 10:10 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-168-SED-3

Location:

Transect 168

Position 36%

Depth of Water: 17.9 ft

Total Length of Core: 2.55 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 10:20 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-168-SED-4

Location:
Transect 168

Position 48%

Depth of Water: 6.50 ft

Total Length of Core: 4.65 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 10:30 Hours: Min

* Military Time

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This End Top

Sample ID: C-168-SED-5

Location:

Transect 168

Position 60%

Depth of Water: 2.7 ft

Total Length of Core: 1.5 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 10:40 Hours: Min

* Military Time

0483 D54-OJH
645011SR/64501g03.cdr

KB53402951

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This End Top

Sample ID: C-168-SED-6

Location:

Transect 168

Position 72%

Depth of Water: 2.9 ft

Total Length of Core: 1.15 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 10:50 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-168-SED-7

Location:

Transect 168

Position 85%

Depth of Water: 5.0 ft

Total Length of Core: 1.1 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 11:00 Hours: Min

* Military Time

DMB3 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH / JTG

Transect Number 168

Date 9/19/99 **Time In** 0930 **Time Out** 1120

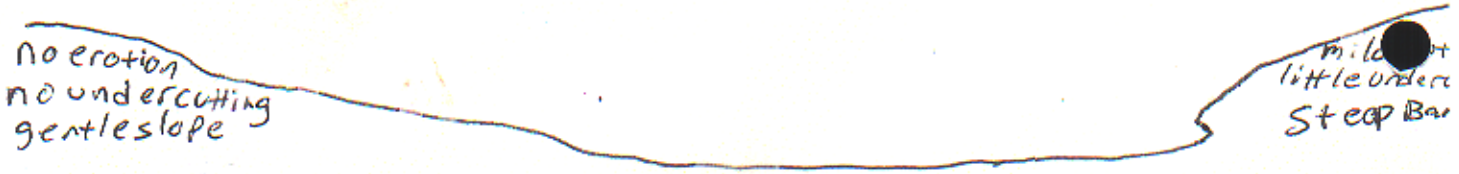
Total Water Width	2339				6&7 → 6
Sample Station	12% ~~20%~~ (1)	24% ~~40%~~ (2)	36% ~~60%~~ (3)	48% ~~80%~~ (4)	(5)
Sample Width	2+97	5+90	8+84	11+62	14+6
Water Column	3.6	2.1	17.9	6.50	2.
Sediment Penetrated	1.0	1.0	2.60	4.65	1.5
Sediment Recovered	1.0	1.0	2.55	4.65	1.5
Time	1000	1010	1020	1030	104
Sample ID	C-168-SED-1 Brn. silt over Brn. clay	C-168-SED-2 Brn. silt over stiff Brn. clay	C-168-SED-3 Brn. silt	C-168-SED-4 Brn. silt over Brn. Brn. silt over gray clay over Brn. clay	C-168 fi...

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photos 7&8 7=R 8=L

Notes

Bank Sketch L R

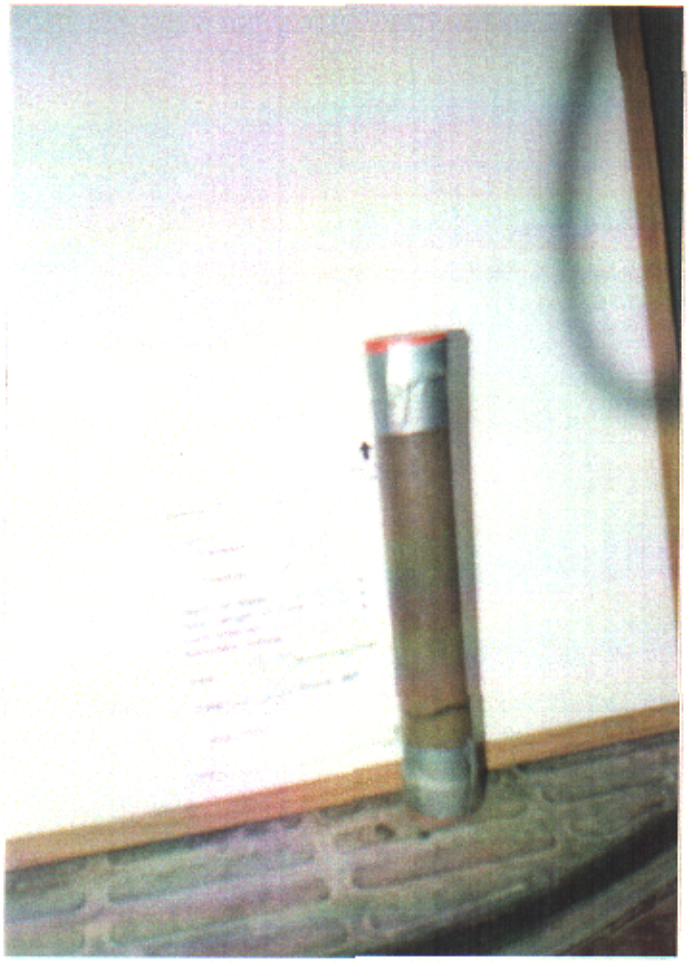


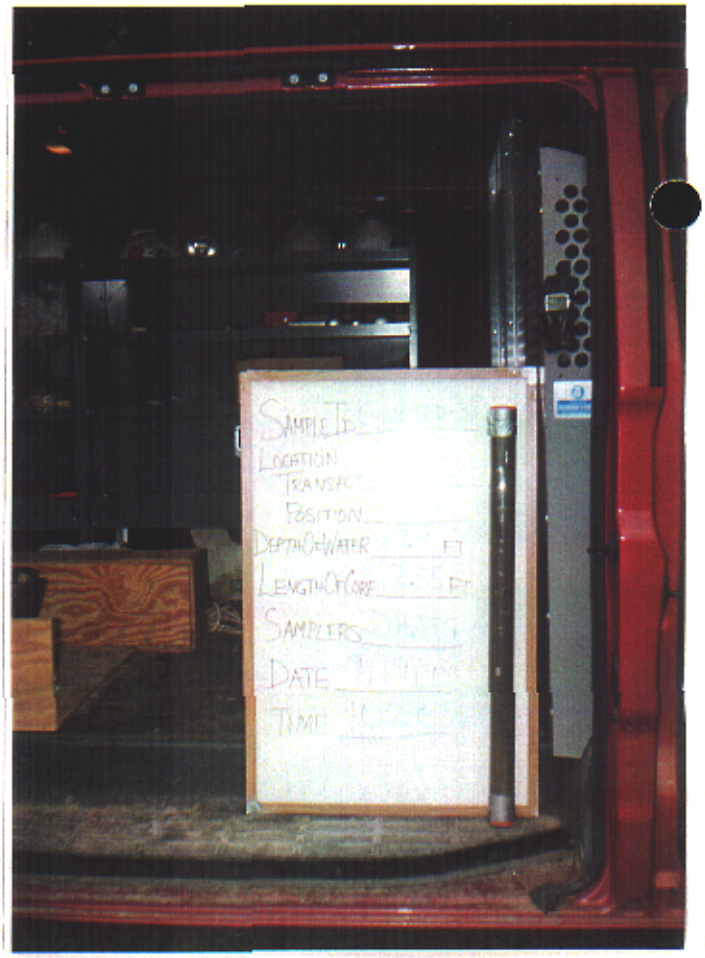


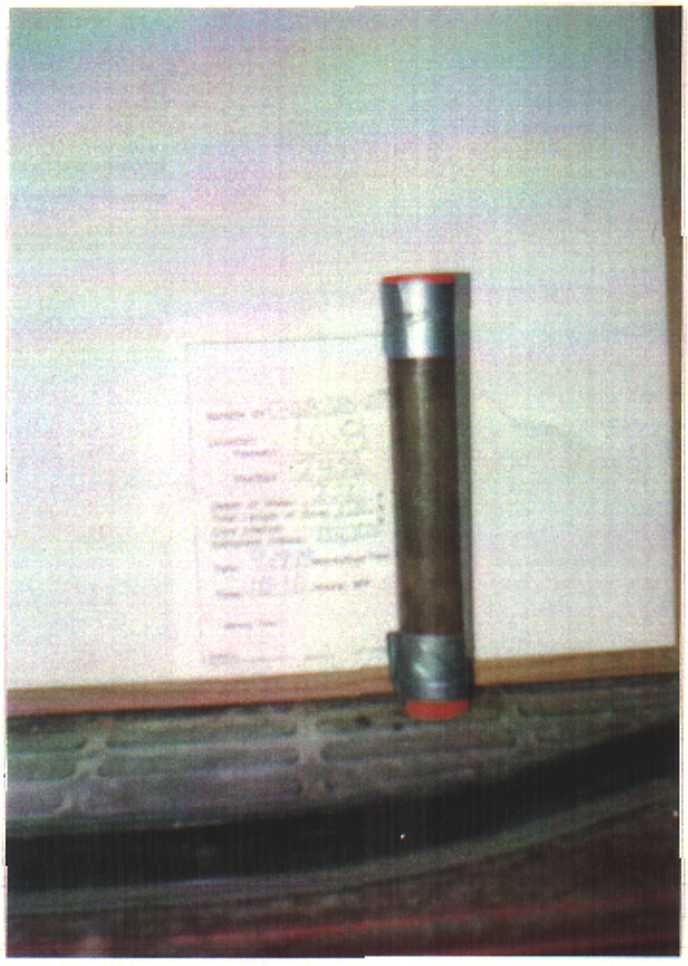
168 LEFT

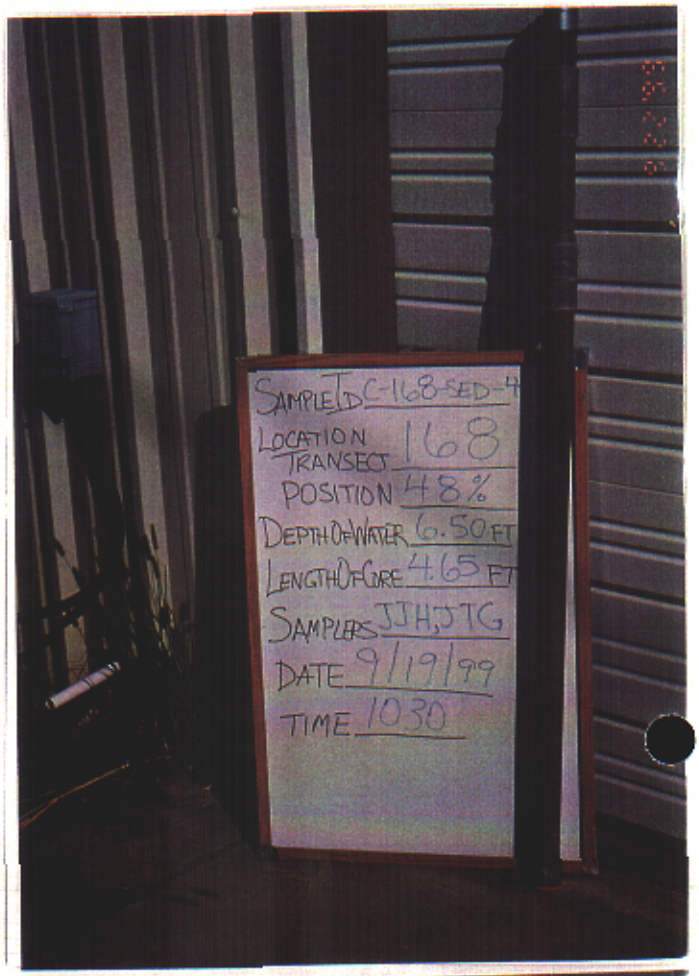


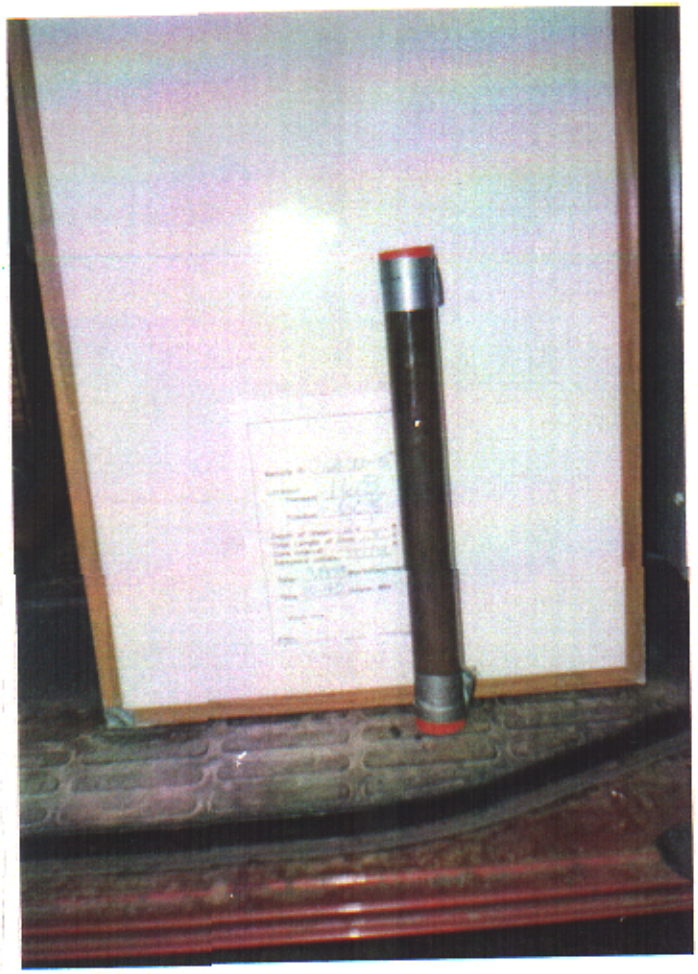
168 RIGHT

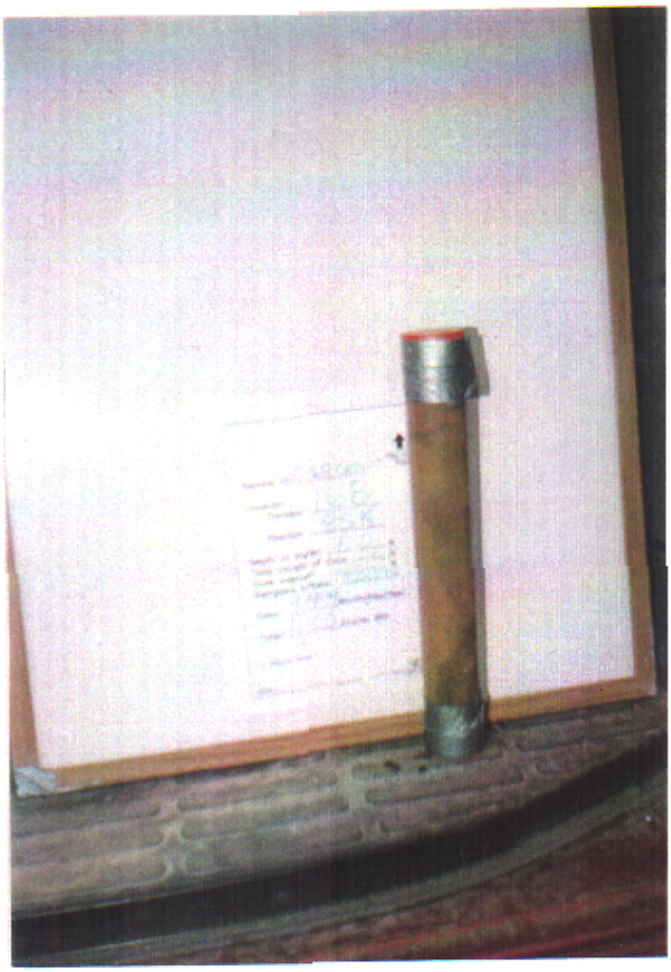


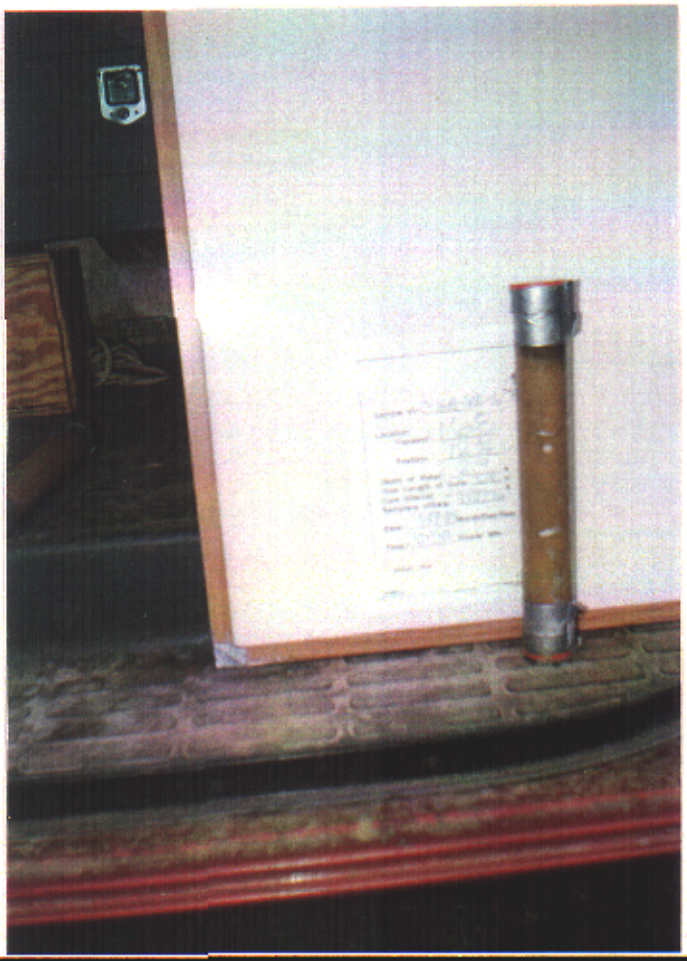

SAMPLE ID
LOCATION
TRANSECT
POSITION
DEPTH OF WATER FT
LENGTH OF CORE FT
SAMPLERS
DATE
TIME




SAMPLE ID C-168-SED-4
LOCATION TRANSECT 168
POSITION 48%
DEPTH OF WATER 6.50 FT
LENGTH OF CORE 4.65 FT
SAMPLERS JJH, JTG
DATE 9/19/99
TIME 1030









This End Top

Sample ID: C-169-SED-1

Location:

Transect 169

Position 17%

Depth of Water: 8.1 ft

Total Length of Core: 3.1 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/1999 Month/Day/Year

Time:* 11:40 Hours: Min

* Military Time

0483 DS4-CJH
645011SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-169-SED-2

Location:
Transect 169

Position 34%

Depth of Water: 17.5 ft

Total Length of Core: 2.4 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/1999 Month/Day/Year

Time:* 11:50 Hours: Min

* Military Time

01483 D64-DJH
645011BR64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-169-SED-3

Location:

Transect 169

Position 51%

Depth of Water: 3.5 ft

Total Length of Core: 1.6 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 12:00 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-169-SED-4

Location:

Transect 169

Position 68%

Depth of Water: 2.7 ft

Total Length of Core: 2.15 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 12:10 Hours: Min

* Military Time

01483 D64-DJH
645011BR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-169-SED-5

Location:

Transect 169

Position 85%

Depth of Water: 2.3 ft

Total Length of Core: 2.25 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 12:20 Hours: Min

* Military Time

01/93 D54-DJK
645011SR/645601g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

JJH/JTG

Transect Number 169

Date 9/19/99 **Time In** 1130 **Time Out** 1300

Total Water Width 1059

Sample Station	17% ~~20%~~ (1)	34% ~~40%~~ (2)	51% ~~60%~~ (3)	68% ~~80%~~ (4)	85% 5
Sample Width	1+82	3+51	5+50	7+00	8+7:
Water Column	8.1	17.5	3.5	2.7	2.3
Sediment Penetrated	3.1	2.5	1.6	2.15	2.2
Sediment Recovered	3.1	2.4	1.6	2.15	2.2
Time	1140	1150	1200	1210	12:
Sample ID	C-169-SED-1 ~~1140~~ Brn. silt over orange Brn. clay	C-169-SED-2 silt & o-m over f. sand & silt	C-169-SED-3 silt over orange clay (stiff clay)	C-169-SED-4 Brn. silt over orange clay	silt o: Brn. silt clay ov Brn. c

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photos 9 & 10 9 = R 10 = L

Notes

Just Down stream of Bend in Creek

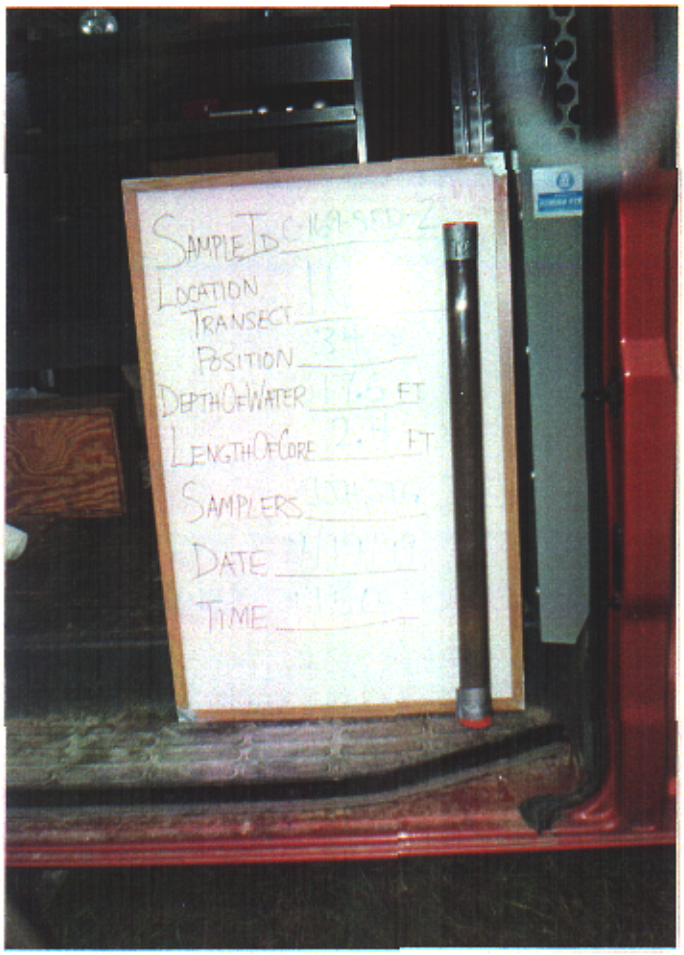
Bank Sketch L R

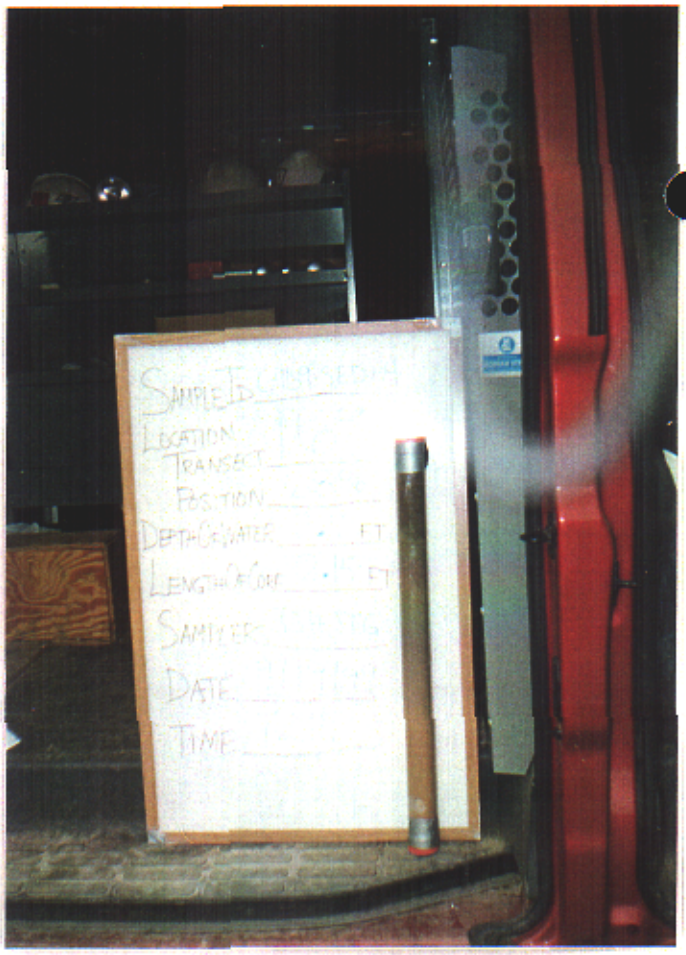



169 LEFT
9 19 99

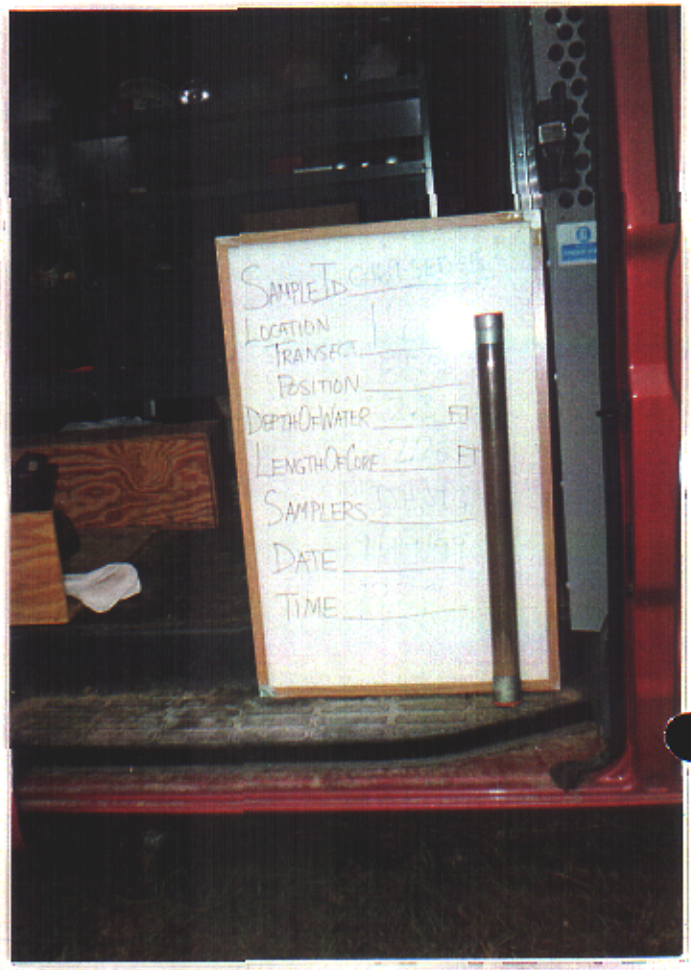

169 RIGHT
9 19 99


SAMPLE ID
LOCATION
TRANSECT
POSITION
DEPTH/WATER
ELEVATION/DEL
SAMPLERS
DATE
TIME


SAMPLE ID
LOCATION
TRANSECT
POSITION
DEPTH OF WATER
FT
LENGTH OF CORE
FT
SAMPLERS
DATE
TIME


SAMPLE ID
LOCATION
TRANSECT
POSITION
DEPTH OF WATER
FT
LENGTH OF CORE
FT
SAMPLERS
DATE
TIME




SAMPLE ID
LOCATION
TRANSECT
POSITION
DEPTH OF WATER
FT
LENGTH OF CORE
FT
SAMPLERS
DATE
TIME



This End Top

Sample ID: C-170-SED-1

Location:

Transect 170

Position 17%

Depth of Water: 4.4 ft

Total Length of Core: 3.1 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 10:00 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-170-SED-2

Location:

Transect 170

Position 34%

Depth of Water: 12.3 ft

Total Length of Core: 1.9 ft

Core Interval: ____ ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 10:30 Hours: Min

* Military Time

DMB3 D64-DJH
64501\SR\64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-170-SED-3

Location:

Transect 170

Position 51%

Depth of Water: 13.0 ft

Total Length of Core: 1.15 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 10:40 Hours: Min

* Military Time

01/93 D64-DJH
64501159/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-170-SED-4

Location:

Transect 170

Position 68%

Depth of Water: 13.7 ft

Total Length of Core: 0.45 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/2/99 Month/Day/Year

Time:* 11:00 Hours: Min

* Military Time

01/93 D64-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-170-SED-5

Location:

Transect 170

Position 85%

Depth of Water: 12.1 ft

Total Length of Core: 1.75 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 11:20 Hours: Min

* Military Time

01483 DS4-DJH
645011SPM64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH/JTG

Transect Number 170

Date 9/21/99 **Time In** 0950 **Time Out** 1130

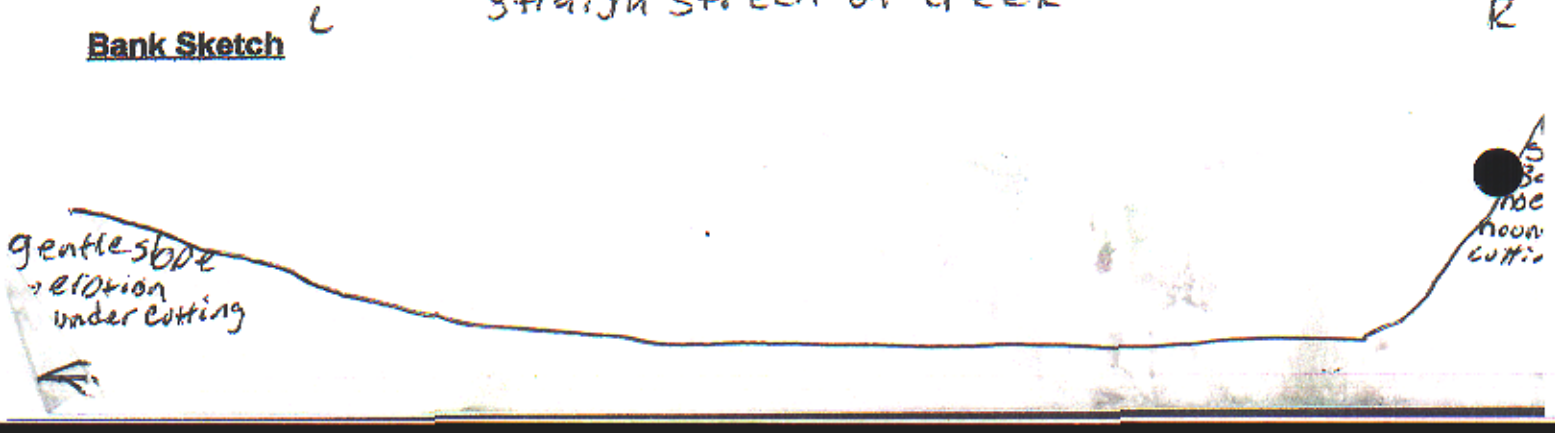
Total Water Width	579				
Sample Station	17% ~~20%~~ (1)	34% ~~40%~~ (2)	51% ~~60%~~ (3)	68% ~~80%~~ (4)	859 (5)
Sample Width	0+76	1+91	2+76	3+85	4+1
Water Column	4.4	12.3	13.0	13.7	12.1
Sediment Penetrated	~~6.0~~	1.9	1.5	.45	1.75
Sediment Recovered	3.1	1.9	1.5	.45	1.75
Time	1000	1030	1045	1100	112
Sample ID	C-170-SED-1 Brn silt & om over Brn silty clay	C-170-SED-2 Brn silt w/ sand Brn sand over Brn silty clay	C-170-SED-3 Brn silt over Brn clay	C-170-SED-4 fine Brn sand over Rock	C-170-5 Brn

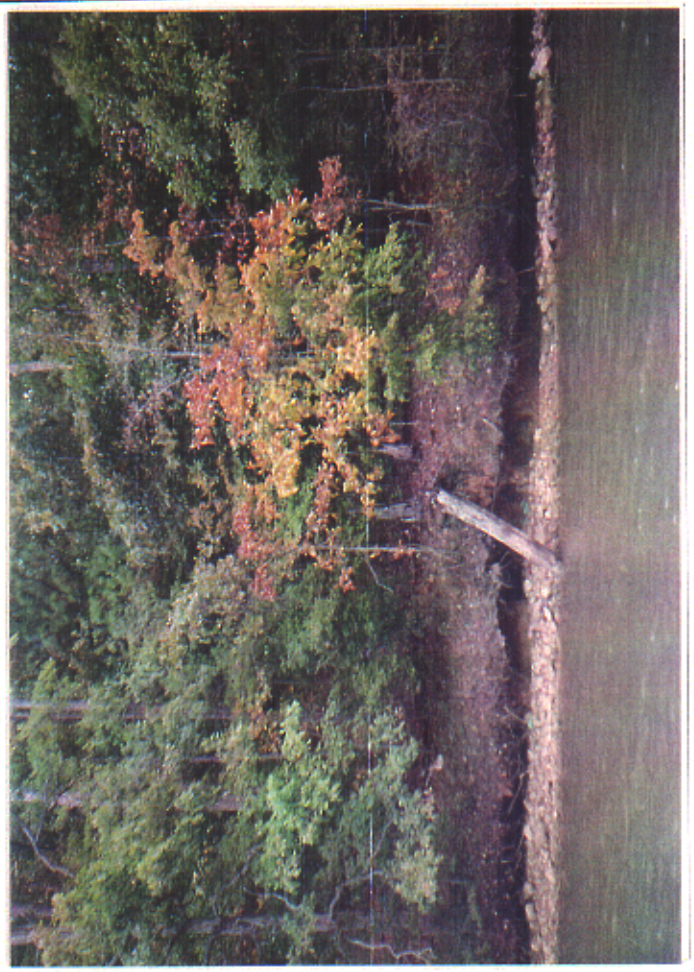
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
0+76	4.4	0.88 | 1352	0 | 10		
1+91	12.3	2.46 | 6.15 | 1.84	0 | 0 | 10.05		
2+76	13.0	2.6 | 6.5 | 1104	0.08 | 0.20 | 0.17		
3+85	13.7	2.74 | 6.85 | 10.96	0.02 | 0.25 | 0.26		
4+83	12.1	2.42 | 6.05 | 9.68	0.02 | 0.07 | 0.06		
		| |	| |		
		| |	| |		
		| |	| |		

Photos 1 & 2 1 = R 2 = L

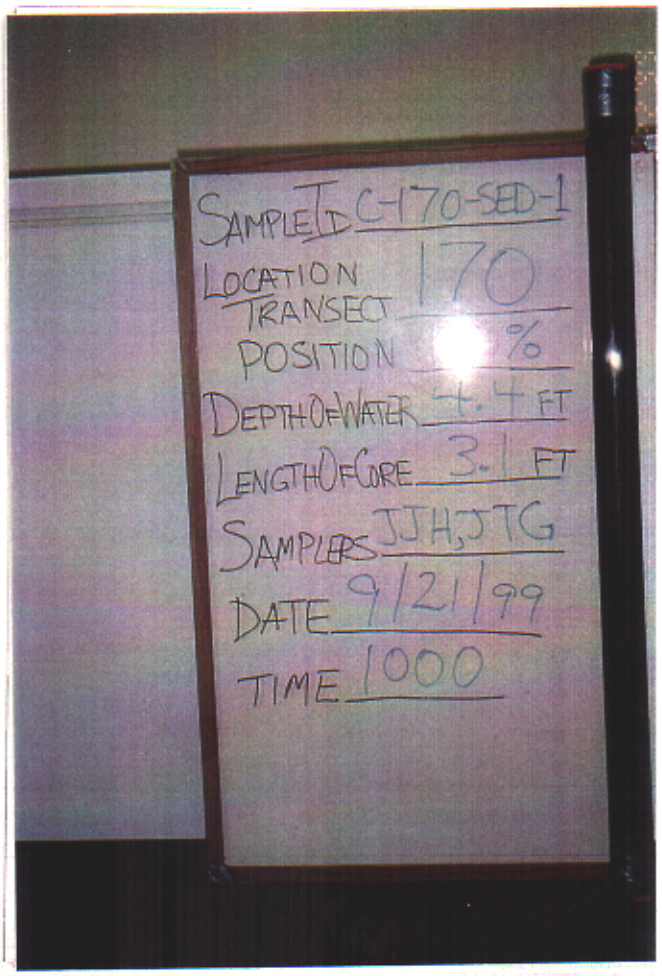
Notes 3 ~~times~~ times of 6' penetrating with 3' of recovery, station (1)

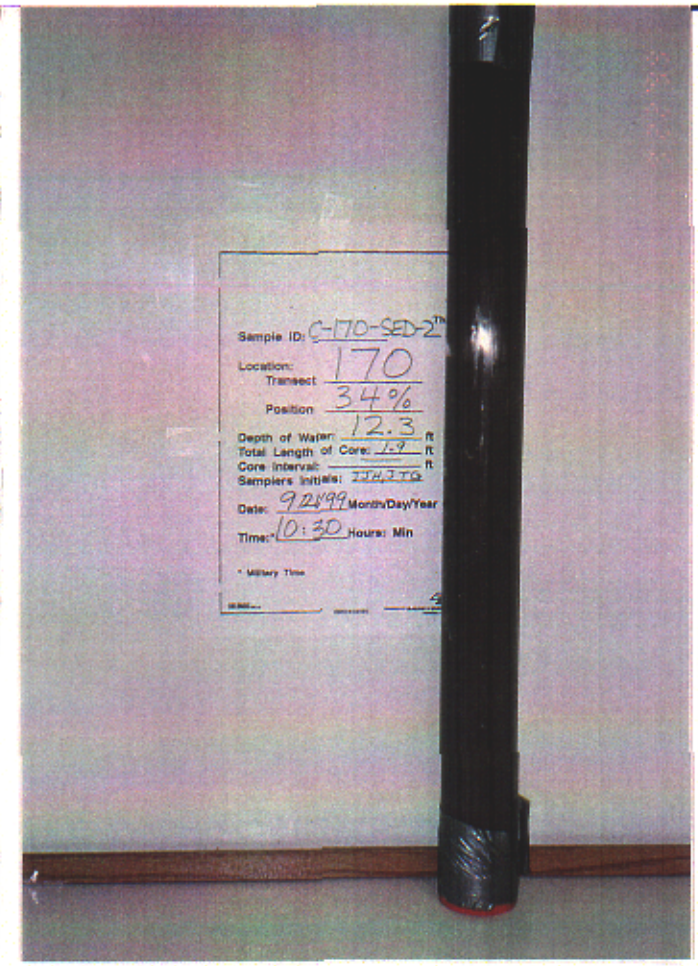
Bank Sketch

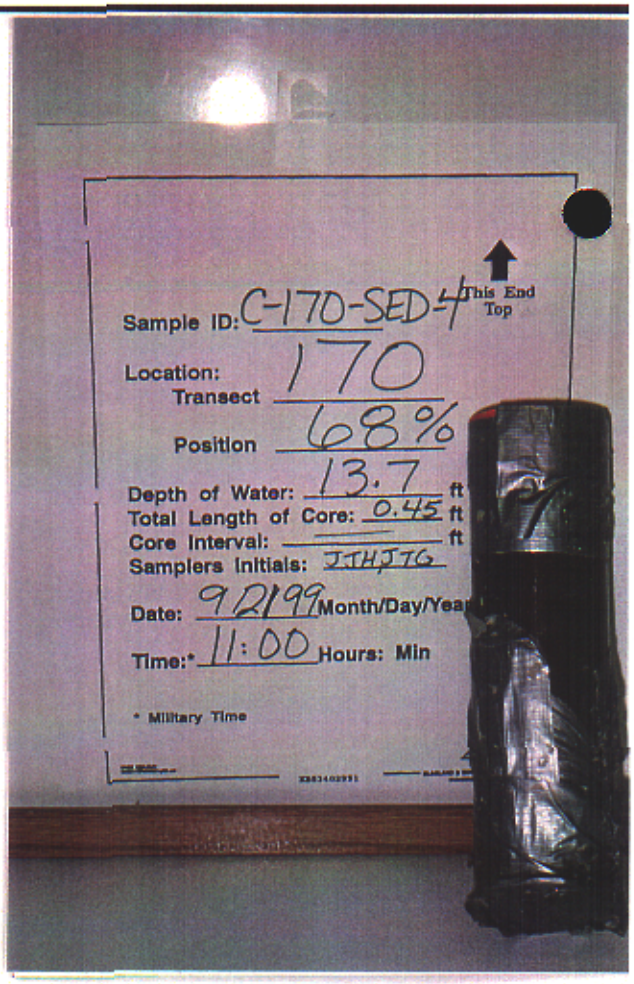


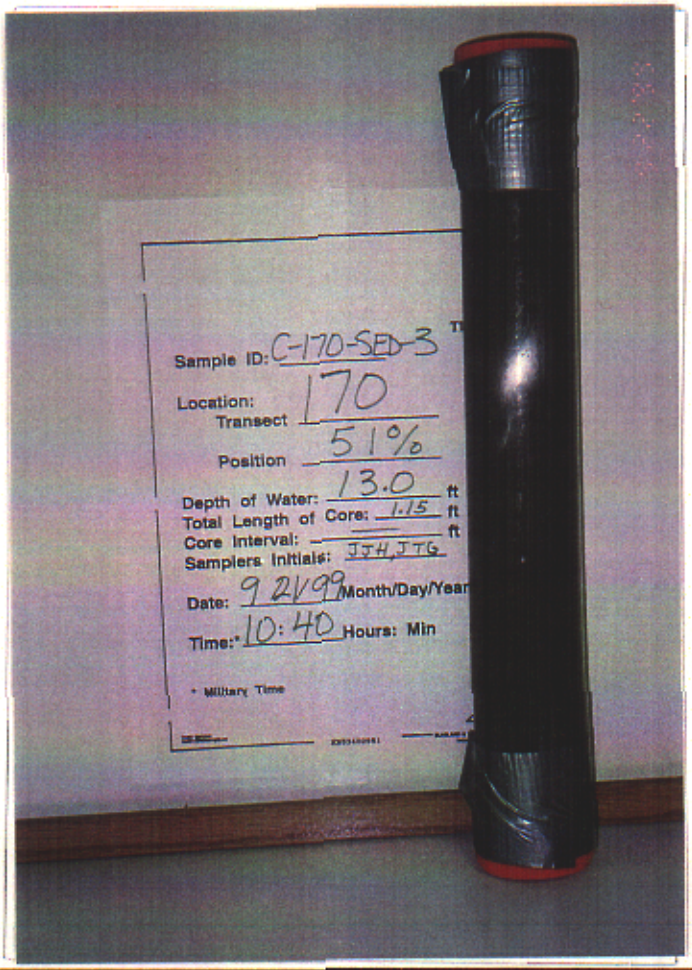


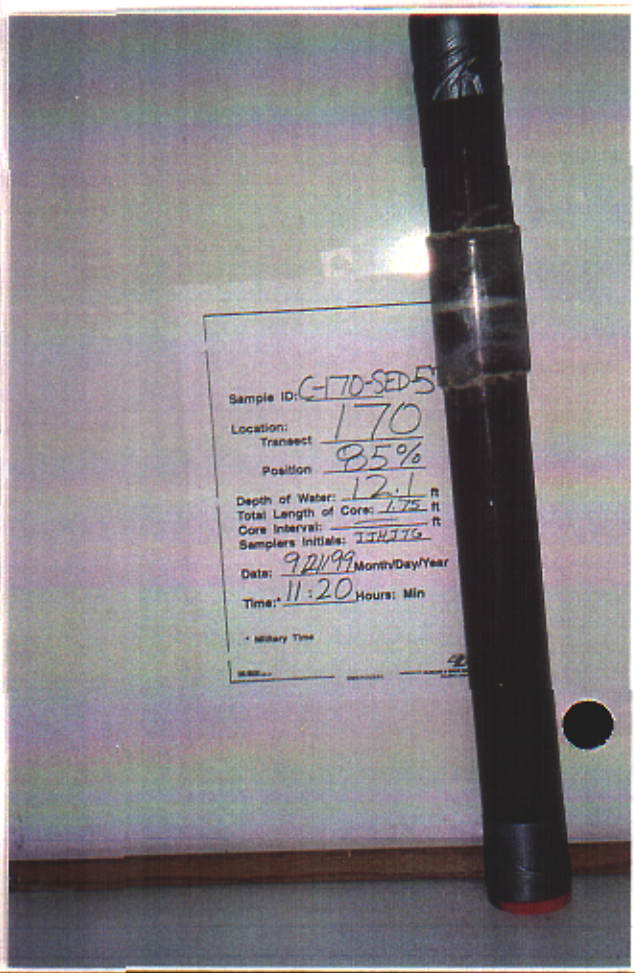



SAMPLE ID C-170-SED-1
LOCATION
TRANSECT 170
POSITION %
DEPTH OF WATER 4.4 FT
LENGTH OF CORE 3.1 FT
SAMPLERS JJH, JTG
DATE 9/21/99
TIME 1000


Sample ID: C-170-SED-2
Location:
Transect 170
Position 34%
Depth of Water: 12.3 ft
Total Length of Core: 1.9 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 10:30 Hours: Min
* Military Time


This End Top
Sample ID: C-170-SED-4
Location:
Transect 170
Position 68%
Depth of Water: 13.7 ft
Total Length of Core: 0.45 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 11:00 Hours: Min
* Military Time


Sample ID: C-170-SED-3
Location:
Transect 170
Position 51%
Depth of Water: 13.0 ft
Total Length of Core: 1.15 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 10:40 Hours: Min
* Military Time


Sample ID: C-170-SED-5
Location:
Transect 170
Position 85%
Depth of Water: 12.1 ft
Total Length of Core: 1.75 ft
Core Interval: ft
Samplers Initials: JJH JTG
Date: 9/2/99 Month/Day/Year
Time:* 11:20 Hours: Min
* Military Time

This End Top

Sample ID: C-171-SED-5

Location:

Transect 171

Position 85%

Depth of Water: 6.2 ft

Total Length of Core: 0.50 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 12:30 Hours: Min

* Military Time

01/93 D64-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-171-SED-4

Location:

Transect 171

Position 68%

Depth of Water: 8.1 ft

Total Length of Core: 2.3 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 12:40 Hours: Min

* Military Time

01/03 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-171-SED-3

Location:

Transect 171

Position 51%

Depth of Water: 7.0 ft

Total Length of Core: 1.0 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/2/99 Month/Day/Year

Time:* 12:50 Hours: Min

* Military Time

01/93 D54-DJH
64501\SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-171-SED-2

Location:

Transect 171

Position 34%

Depth of Water: 16.4 ft

Total Length of Core: 1.9 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 13:00 Hours: Min

* Military Time

01/93 D54-DJH
845011SR/84501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH/JTG

Transect Number 171

Date 9/21/99 **Time In** 1150 **Time Out** 1320

Total Water Width	521				
Sample Station	17% ~~20%~~ (1)	34% ~~40%~~ (2)	51% ~~60%~~ (3)	68% ~~80%~~ (4)	85 (5
Sample Width	0+89	1+70	2+68	3+56	4
Water Column	~~22.0~~ 21.2	16.4	7.0	8.1	6
Sediment Penetrated	—	2.0	1.0	2.3	
Sediment Recovered	—	1.9	1.0	2.3	
Time	1310	1300	1250	1240	12
Sample ID	C-171-SED-1 —	C-171-SED-2 Brn. silt w/o.m throughout	C-171-SED-3 Brn. silt over orange Brn. clay	C-171-SED-4 Brn. silt over Brn. clay	C-171 Br Sil

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
	NO Velocity				

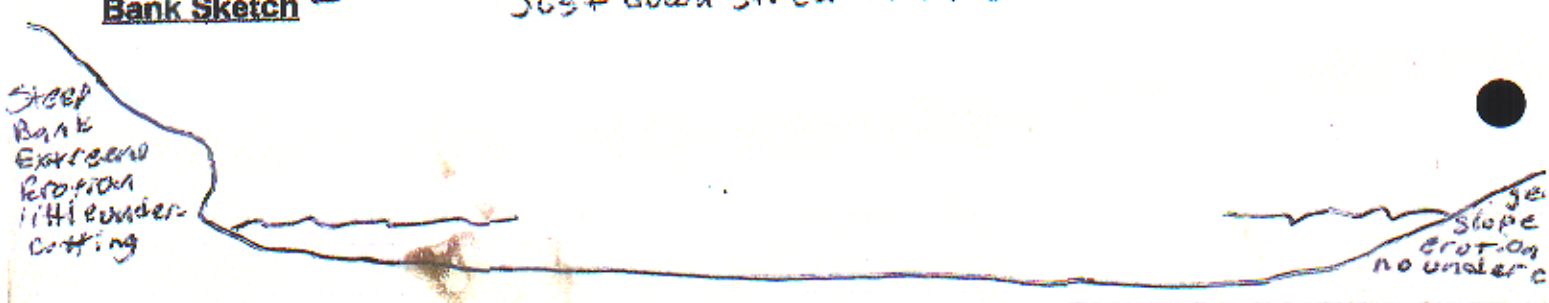
Photos 3&4

Notes

Station 2 lost clay plug, Station (1) approx. 2-3 sand over ro
(No sample)

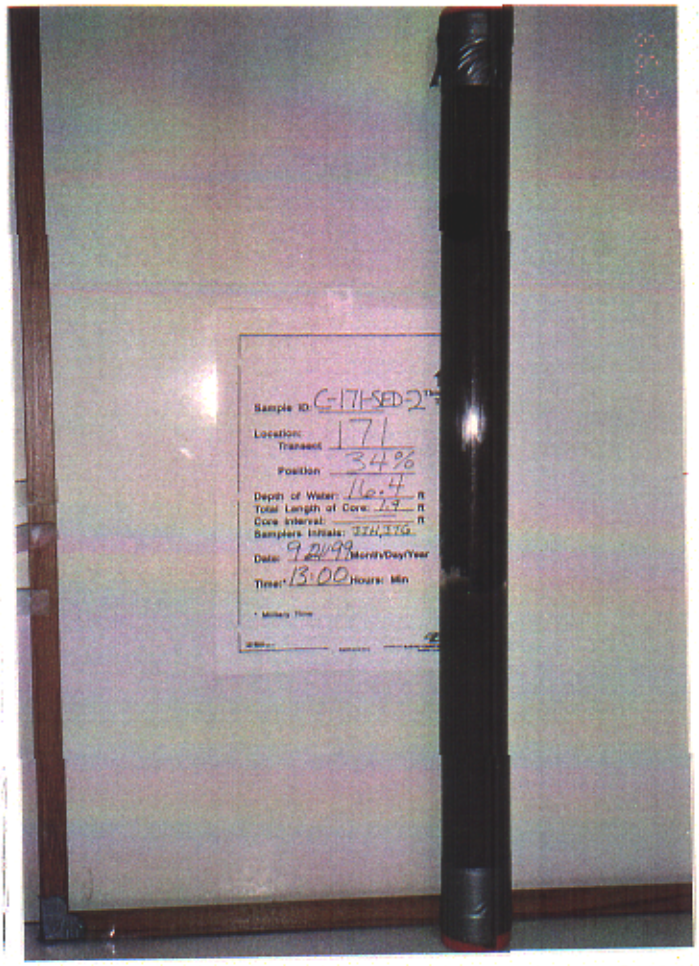
Bank Sketch L

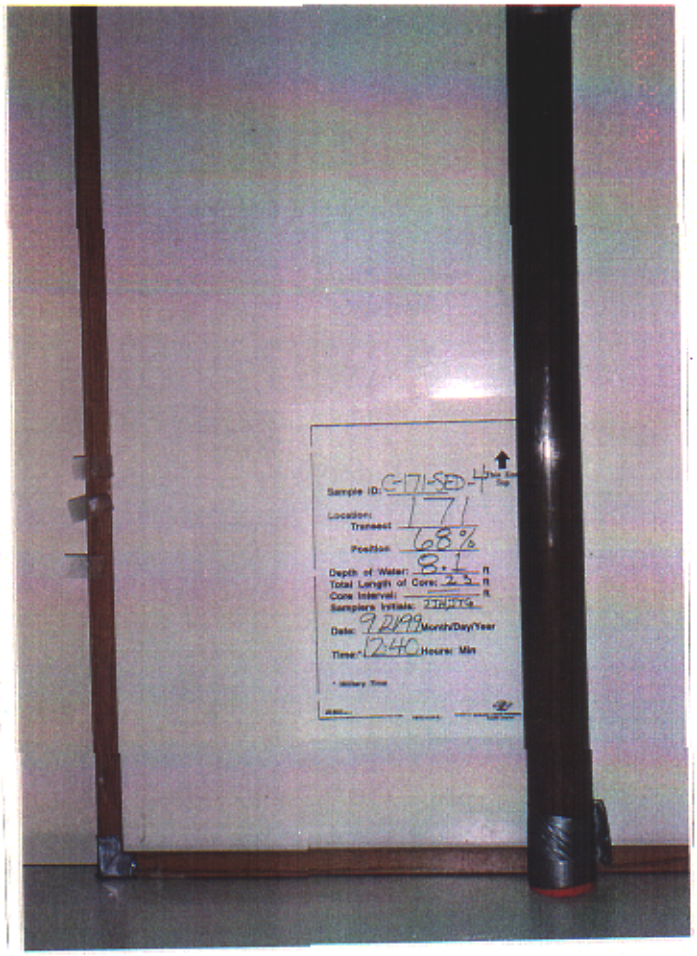
Straight stream of creek
Just down stream of inlet on left side

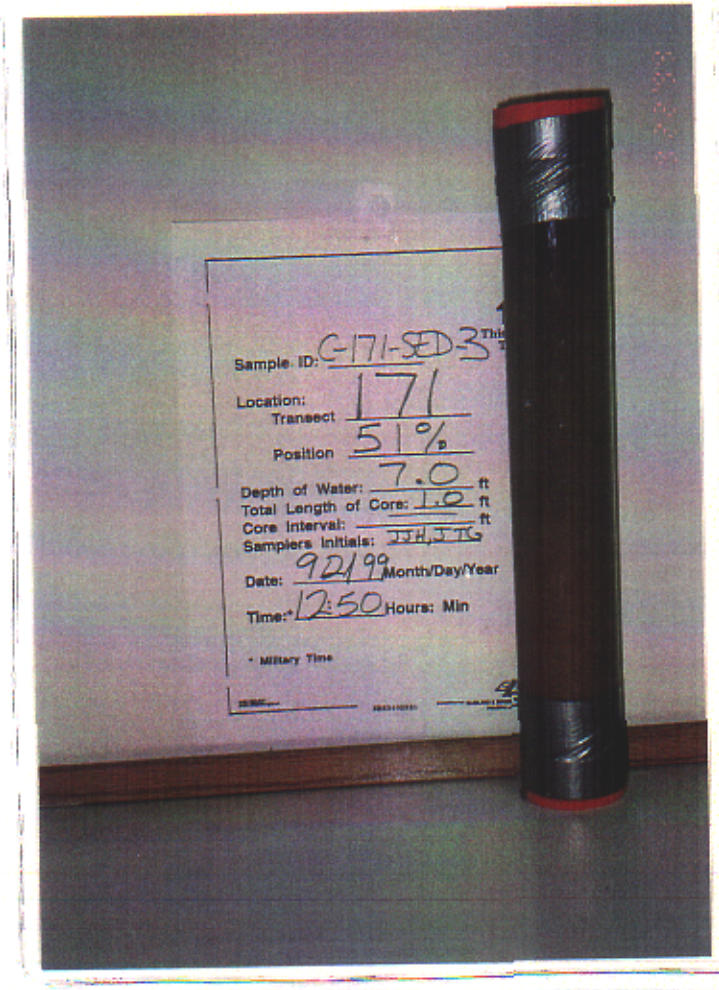


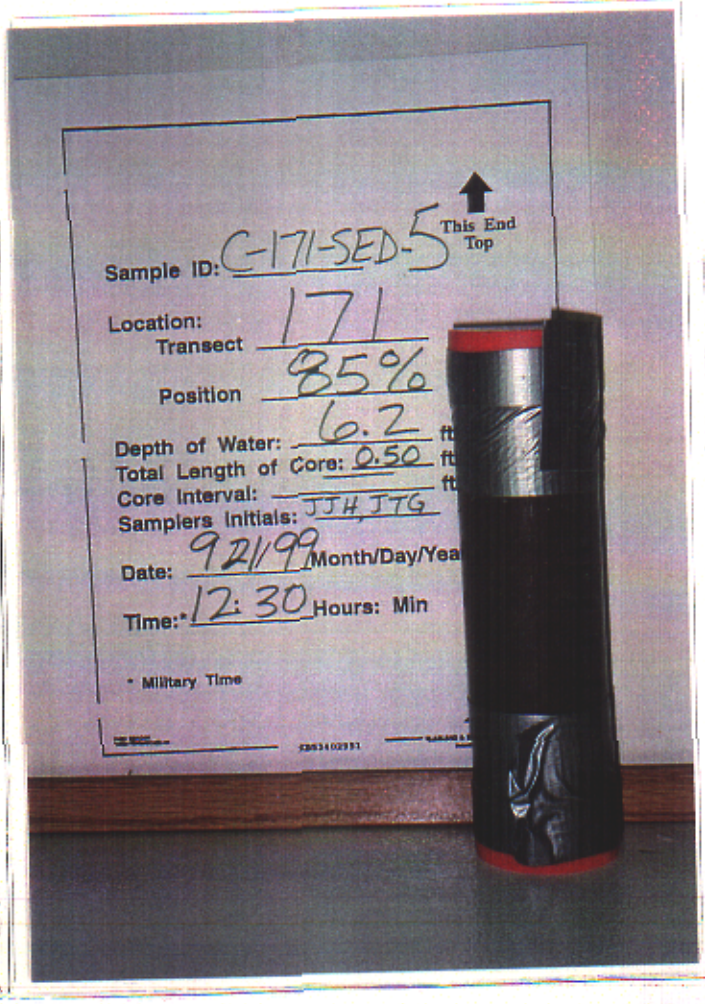





Sample ID: C-171-SED-2
Location:
Transect 171
Position 34%
Depth of Water: 11.4 ft
Total Length of Core: 1.9 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 13:00 Hours: Min
* Military Time


Sample ID: C-171-SED-1
Location:
Transect 171
Position 68%
Depth of Water: 8.1 ft
Total Length of Core: 2.5 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 12:40 Hours: Min
* Military Time


Sample ID: C-171-SED-3
Location:
Transect 171
Position 51%
Depth of Water: 7.0 ft
Total Length of Core: 1.0 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 12:50 Hours: Min
* Military Time


Sample ID: C-171-SED-5
This End Top
Location:
Transect 171
Position 85%
Depth of Water: 6.2 ft
Total Length of Core: 0.50 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 12:30 Hours: Min
* Military Time

This End Top

Sample ID: C-172-SED-4

Location:

Transect 172

Position 80%

Depth of Water: 8.6 ft

Total Length of Core: 1.45 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/2/99 Month/Day/Year

Time:* 14:10 Hours: Min

* Military Time

01/93 D54-DJH
845011SR/54501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-172-SED-3

Location:

Transect 172

Position 60%

Depth of Water: 17.4 ft

Total Length of Core: 2.4 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/21/99 Month/Day/Year

Time:* 14:20 Hours: Min

* Military Time

01/93 D54-DJH
64501\BR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-172-SED-2

Location:

Transect 172

Position 40%

Depth of Water: 20.3 ft

Total Length of Core: 1.25 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/2/99 Month/Day/Year

Time:* 14:35 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH / JTG

Transect Number 172

Date 9/21/99 **Time In** 1400 **Time Out** 1500

Total Water Width 335

Sample Station	20% (1)	40% (2)	60% (3)	80% (4)
Sample Width	0+85	1+51	2+08	2+98
Water Column	20.0	20.3	17.4	8.6
Sediment Penetrated		1.25	2.4	1.45
Sediment Recovered		1.25	2.4	1.45
Time	1450	1435	1420	1410
Sample ID	C-172-SED-3	C-172-SED-2 Brn-Silt	C-172-SED-3 Brn-silt over Brn-clay	C-172-SED-4 Brn-Silt

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		

Photos - 5 & 6 5 = L 6 = R

Notes

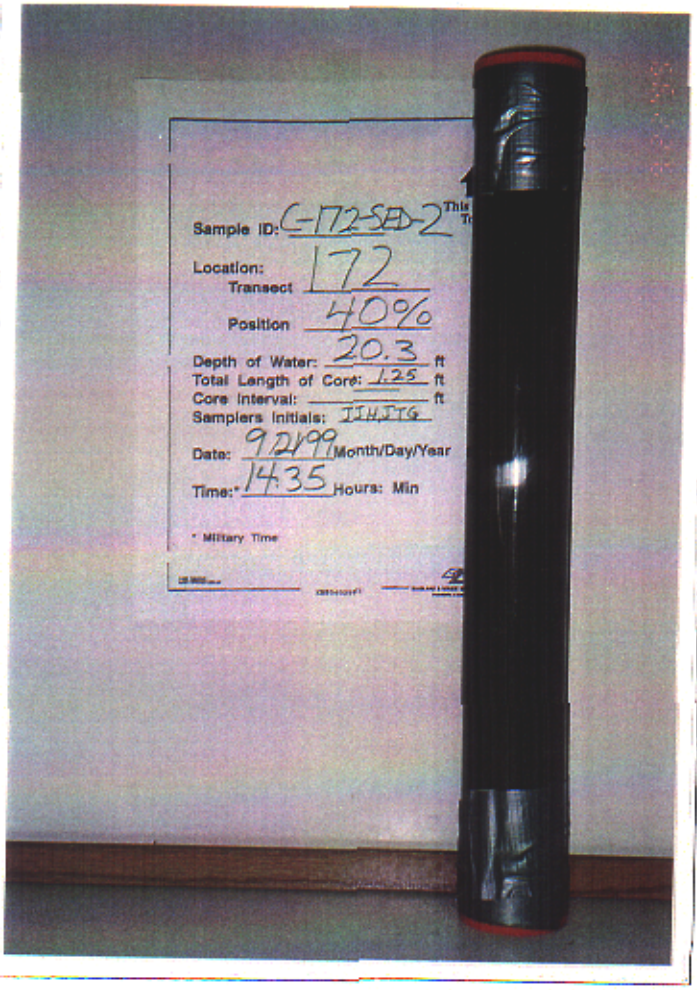
Station (7) No sample approx. 3 of sand & silt over rock

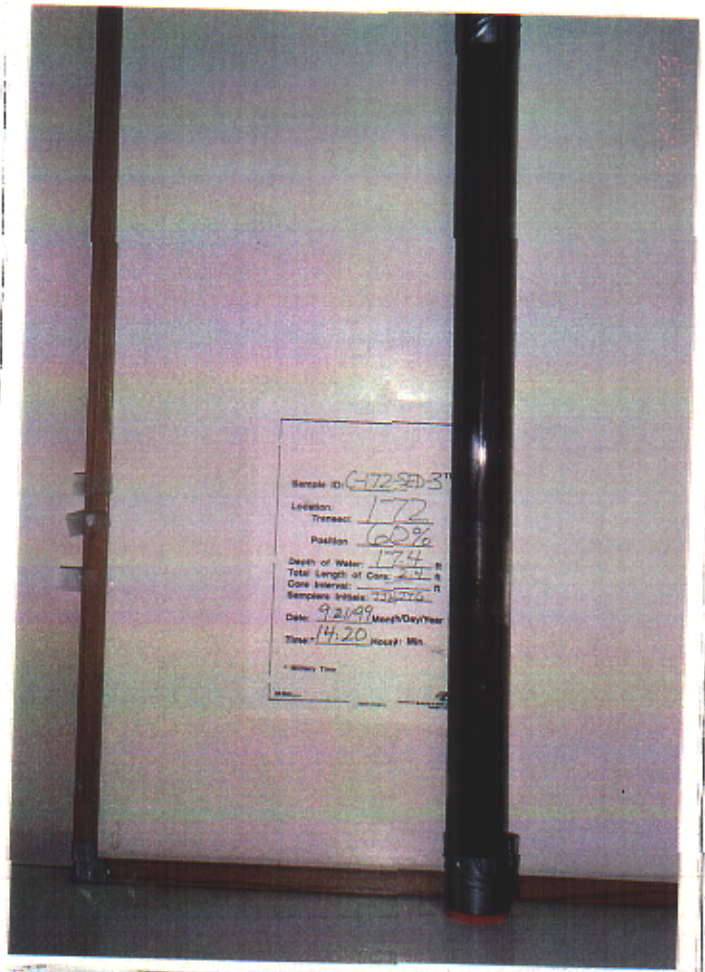
Straight stretch of creek

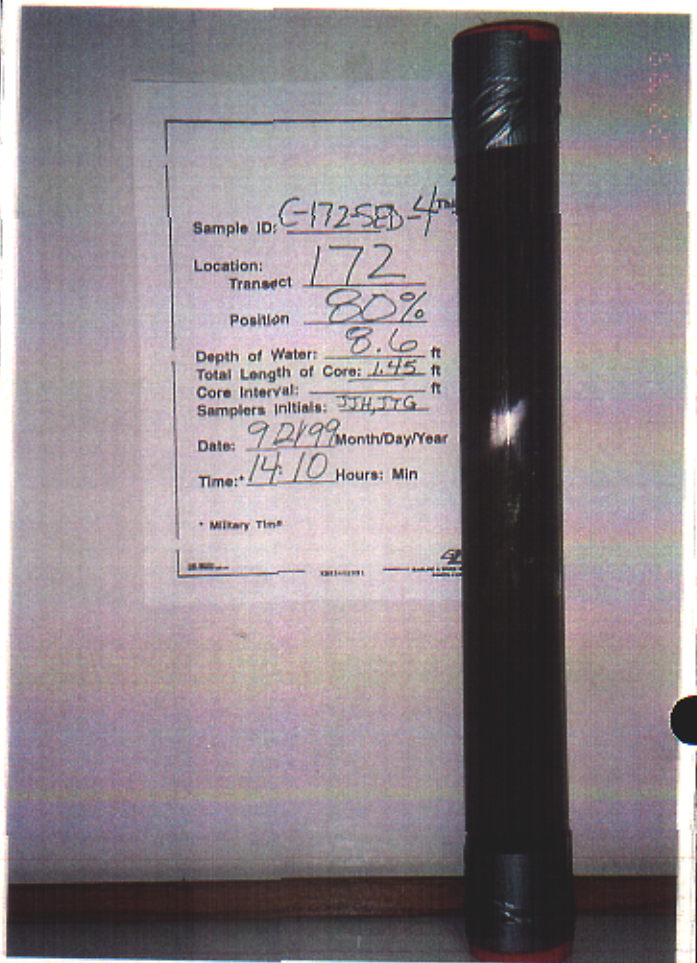
Bank Sketch L R






Sample ID: G-172-SED-2
Location:
Transect 172
Position 40%
Depth of Water: 20.3 ft
Total Length of Core: 1.25 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 14.35 Hours: Min
* Military Time


Sample ID: G-172-SED-3
Location:
Transect 172
Position 60%
Depth of Water: 17.4 ft
Date: 9/2/99 Month/Day/Year
Time:* 14.20 Hours: Min
* Military Time


Sample ID: G-172-SED-4
Location:
Transect 172
Position 80%
Depth of Water: 8.6 ft
Total Length of Core: 1.45 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9/2/99 Month/Day/Year
Time:* 14.10 Hours: Min
* Military Time

This End Top

Sample ID: C-173-SED-5

Location:

Transect 173

Position 85%

Depth of Water: 5.9 ft

Total Length of Core: 1.2 ft

Core Interval: ____ ft

Samplers Initials: JJH, JTG

Date: 92099 Month/Day/Year

Time:* 14:00 Hours: Min

* Military Time

01/93 D64-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-173-SED-4

Location:

Transect 173

Position 68%

Depth of Water: 7.7 ft

Total Length of Core: 1.9 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9 20 99 Month/Day/Year

Time:* 14:20 Hours: Min

* Military Time

01/93 D64-DJH
645011SP/645001g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-173-SED-3

Location:

Transect 173

Position 51%

Depth of Water: 19.8 ft

Total Length of Core: 2.45 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 92099 Month/Day/Year

Time:* 14:30 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-173-SED-2

Location:

Transect 173

Position 34%

Depth of Water: 13.5 ft

Total Length of Core: 4.15 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9 20 99 Month/Day/Year

Time:* 14:50 Hours: Min

* Military Time

01/93 D54-DJH
6450115FM54501g09.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-173-SED-1

Location:

Transect 173

Position 17%

Depth of Water: 4.3 ft

Total Length of Core: 2.6 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 15:00 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Samplers JJH / ITG

Transect Number 173

Date 9/20/99 **Time In** 1340 **Time Out** 1510

Total Water Width	808			688
Sample Station	17% ~~20%~~ (1)	34% ~~40%~~ (2)	51% ~~60%~~ (3)	~~80%~~ (4)
Sample Width	1+69	3+31	4+68	5+96
Water Column	4.3	13.5	19.8	7.7
Sediment Penetrated	2.6	4.15	2.45	1.9
Sediment Recovered	2.6	4.15	2.45	1.9
Time	1500	1450	1430	1420
Sample ID	C-173-SED-1 Brn. Silt over Drk. Brn. silty clay	C-173-SED-2 O.M & silt over Silt (Brn.) over silty clay	C-173-SED-3 Brn. silt over Brn. silty clay over clay	C-173-SED-4 Brn. Silt over Lt. Brn. Clay

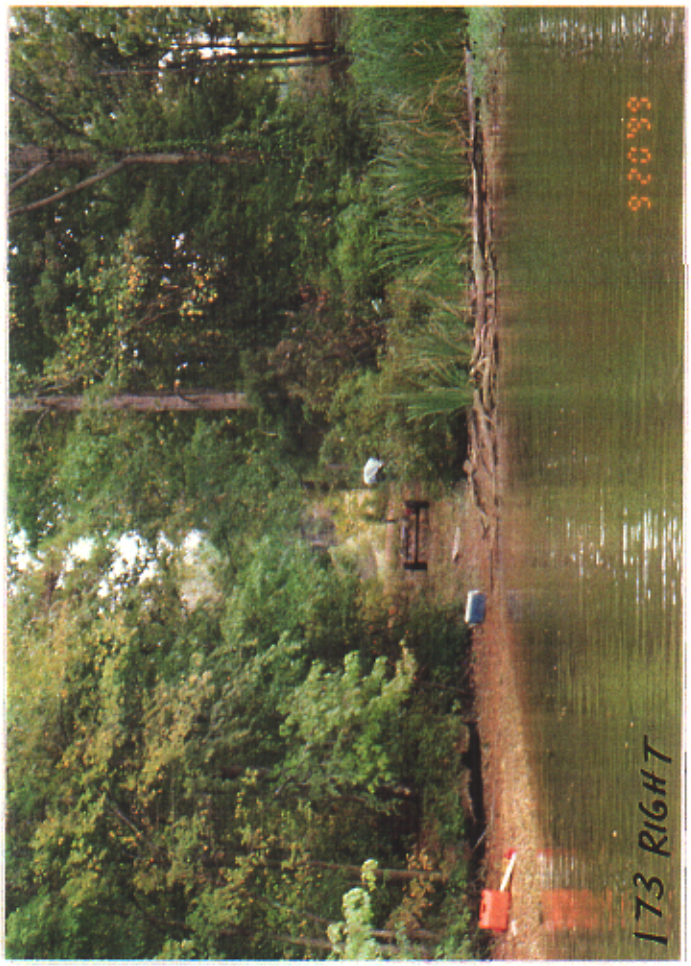
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
(5) 7+36	5.9	1.48 | 1.40	0 | | 0		
(4) 5+96	7.7	1.54 | 1.616	0 | | 0		
(3) 4+68	19.8	3.96 | 9.9 | 5.84	0 | 0 | 0.02		
(2) 3+31	13.50	2.70 | 6.75 | ~~10.80~~	0 | 0 | 0.03		
(1) ~~7+36~~ 1+69	Location to	inlet	| |		
		| |	| |		
		| |	| |		
		| |	| |		

Photos - 21 & 22 21=L 22=R

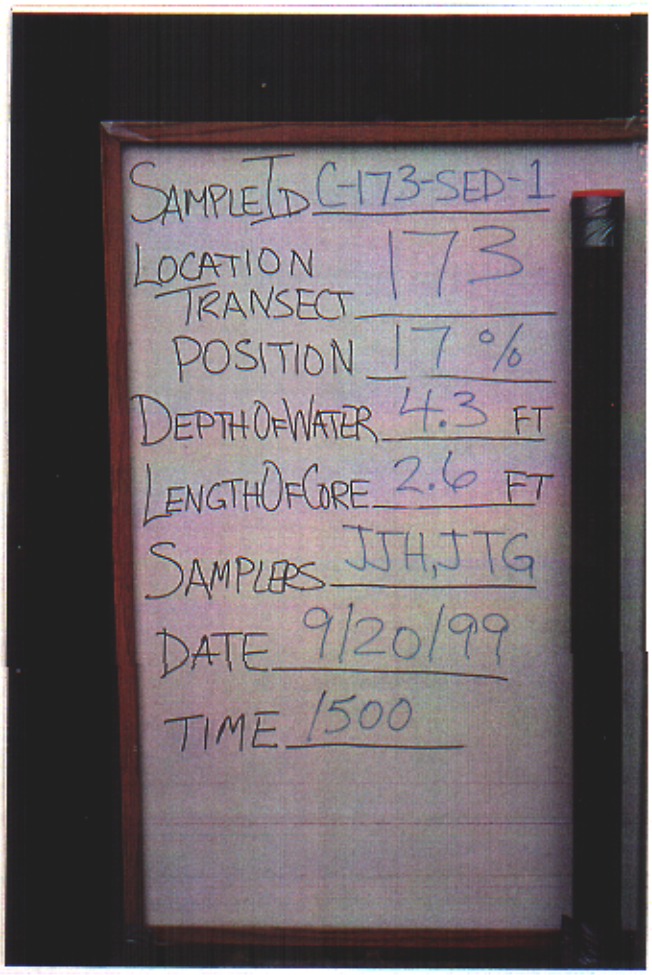
Notes

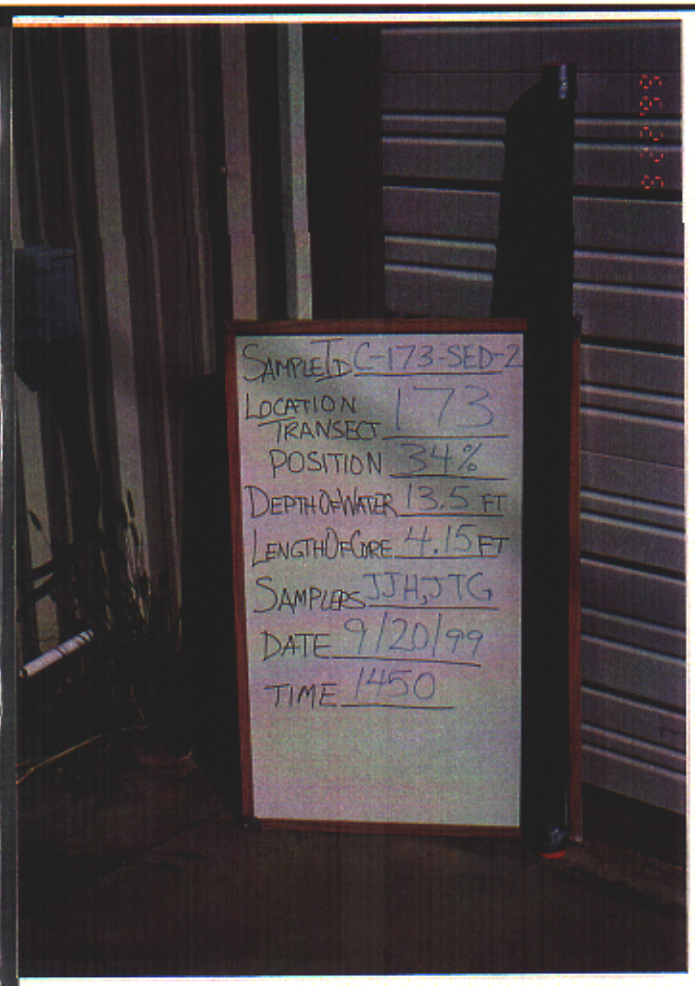
Bank Sketch L — Straight stretch of creek inlet on Right — R

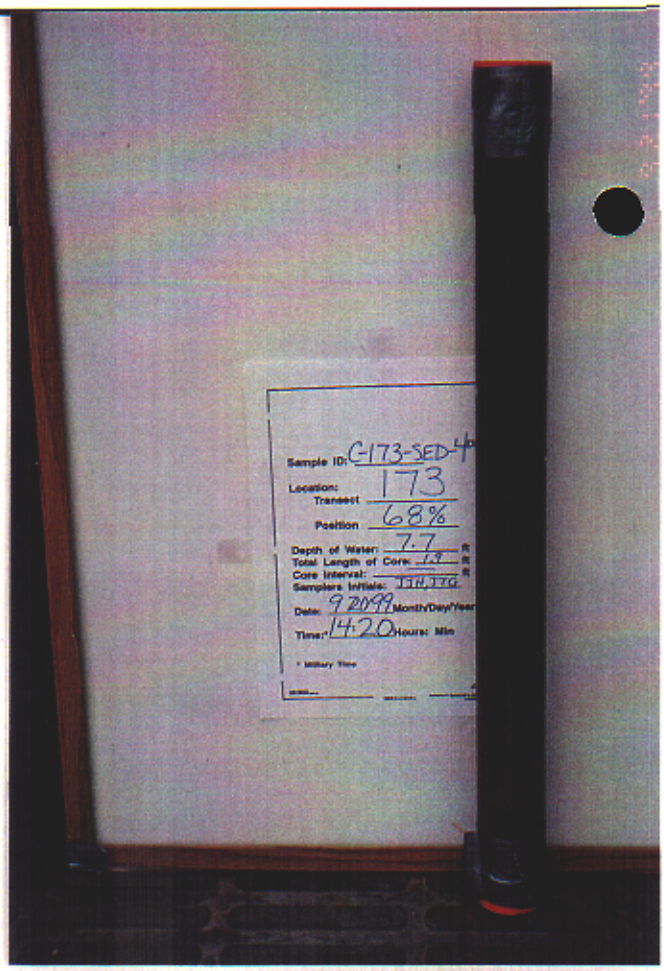


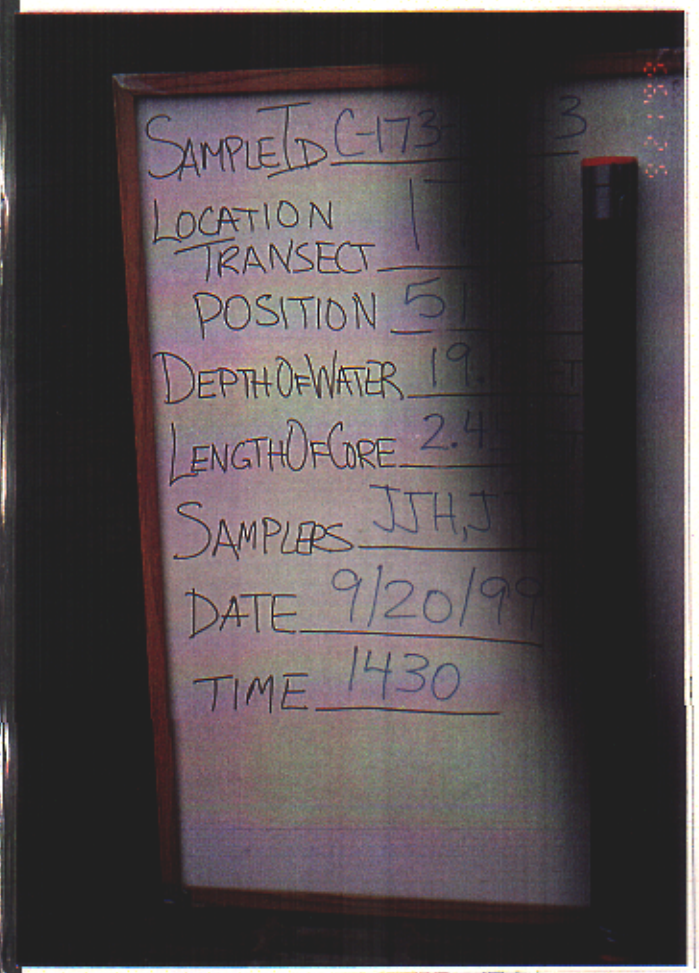

173 RIGHT

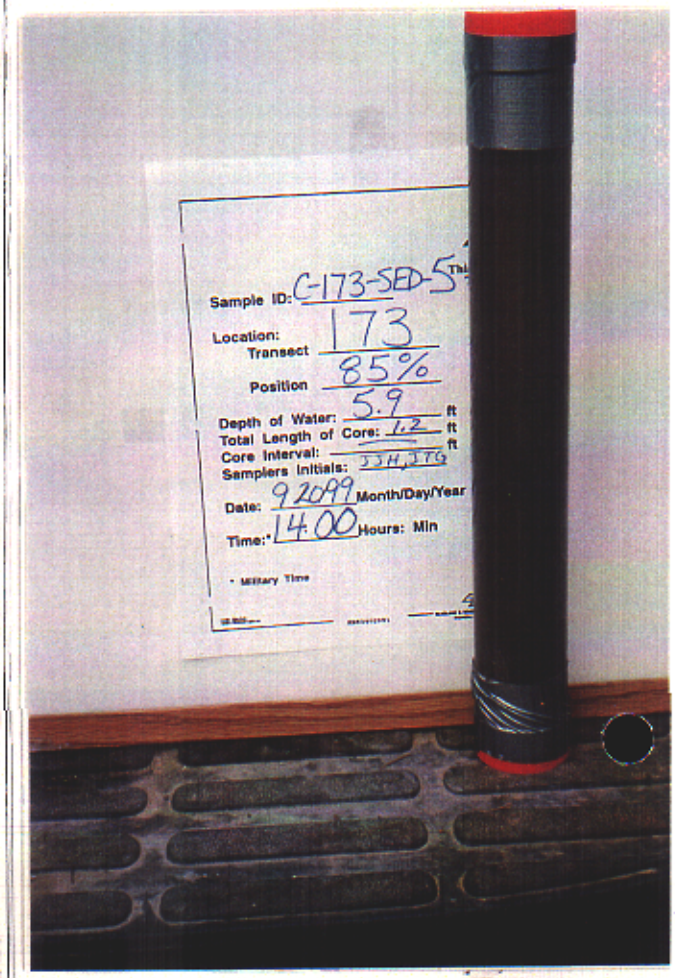

173 LEFT


SAMPLE ID C-173-SED-1
LOCATION
TRANSECT 173
POSITION 17%
DEPTH OF WATER 4.3 FT
LENGTH OF CORE 2.6 FT
SAMPLERS JJH, JTG
DATE 9/20/99
TIME 1500


Sample ID: C-173-SED-2
Location: Transect 173
Position 34%
Depth of Water: 13.5 FT
Length of Core: 4.15 FT
Samplers: JJH, JTG
Date: 9/20/99
Time: 1450


Sample ID: C-173-SED-4
Location: Transect 173
Position 68%
Depth of Water: 7.7 ft
Total Length of Core: 1.9 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 92099 Month/Day/Year
Time: 1420 Hours: Min
* Military Time


Sample ID: C-173 3
Location: Transect 1
Position 51
Depth of Water: 19.
Length of Core: 2.4
Samplers: JJH, J
Date: 9/20/99
Time: 1430


Sample ID: C-173-SED-5
Location: Transect 173
Position 85%
Depth of Water: 5.9 ft
Total Length of Core: 1.2 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 92099 Month/Day/Year
Time: 1400 Hours: Min
* Military Time

This End Top

Sample ID: C-174-SED-1

Location:

Transect 174

Position 17%

Depth of Water: 1.3 ft

Total Length of Core: 0.5 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 12:30 Hours: Min

* Military Time

01/93 D54-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-174-SED-2

Location:

Transect 174

Position 34%

Depth of Water: 16.27 ft

Total Length of Core: 2.8 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 12:40 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-174-SED-3

Location:

Transect 174

Position 51%

Depth of Water: 10.1 ft

Total Length of Core: 2.45 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 12:50 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-174-SED-4

Location:
Transect 174
Position 68%

Depth of Water: 6.5 ft
Total Length of Core: 2.55 ft
Core Interval: _____ ft
Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 13:00 Hours: Min

* Military Time

0163 054-DJH
645011SR64501@03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-174-SED-5

Location:

Transect 174

Position 85%

Depth of Water: 6.0 ft

Total Length of Core: 1.75 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 13:20 Hours: Min

* Military Time

01483 D64-DJH
64501\SR64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

JJH / ~~JJ~~ JTG

Transect Number 174

Date 9/20/99 **Time In** 1220 **Time Out** 1330

Total Water Width	876				
Sample Station	17% ~~20%~~ (1)	34% ~~40%~~ (2)	51% ~~60%~~ (3)	68% ~~80%~~ (4)	85% (5)
Sample Width	1+54	2+92	4+41	5+89	7+48
Water Column	1.3	16.27	10.1	6.5	6.0
Sediment Penetrated	1.6	2.8	2.45	2.55	1.75
Sediment Recovered	0.5	2.8	2.45	2.55	1.75
Time	1230	1240	1250	1300	1320
Sample ID	C-174-SED-1 orang course sand & gravel	C-174-SED-2 Fine sand & silt w/ dm over Brn. silty clay	C-174-SED-3 Light Brn. silt over orange clay	C-174-SED-4 fine sand & silt over orange clay	C-174-5 Brn. si over Br silt Tc

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
	NO VELOCITY				

Photos - 19 & 20 19 = R, 20 = L

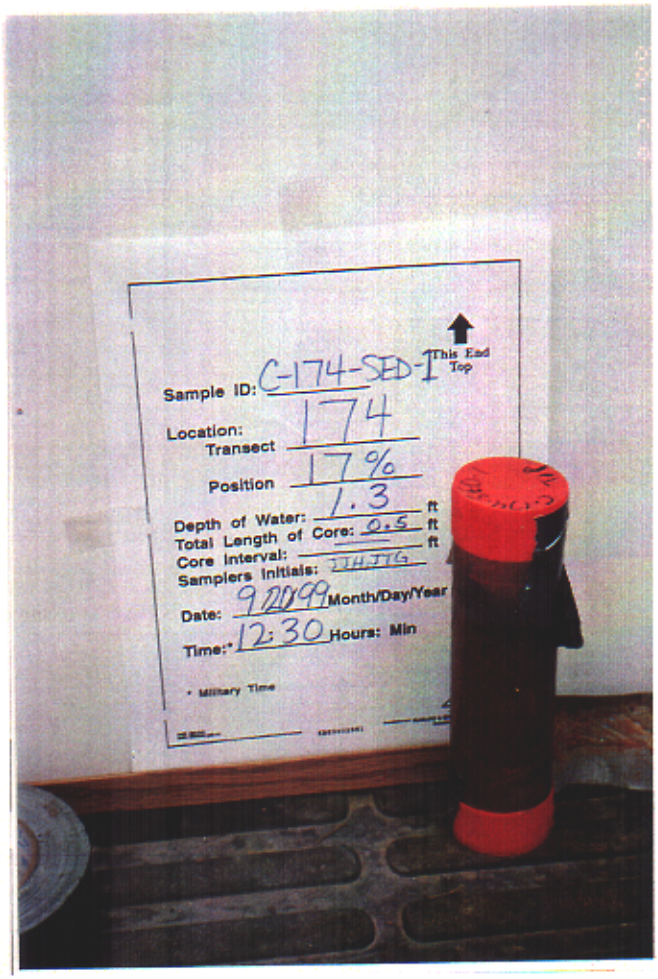
Notes

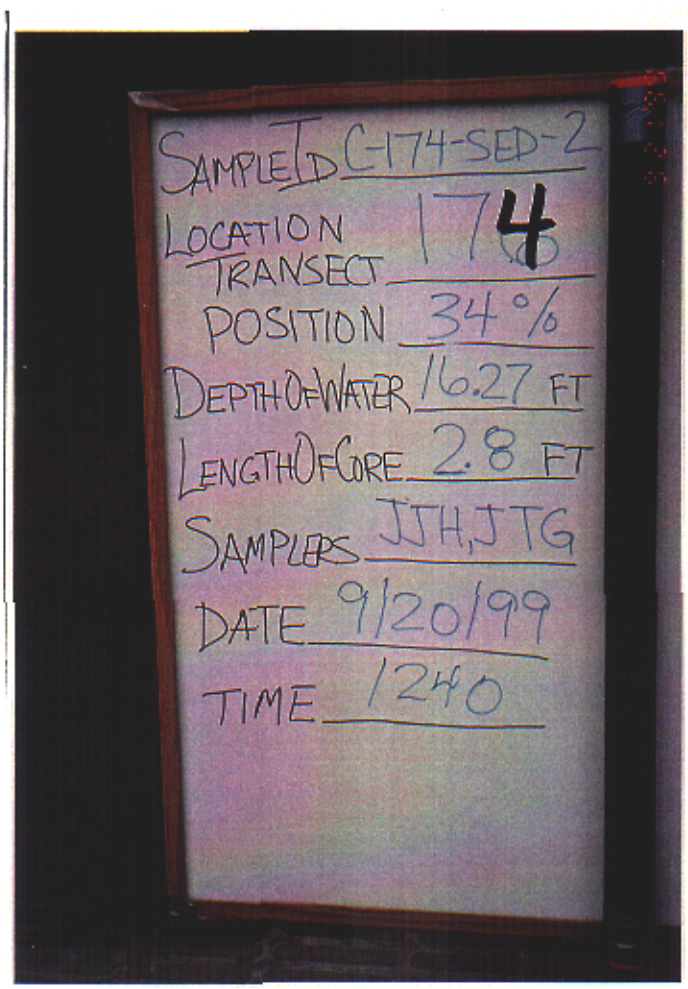
Bank Sketch L Straight streech of creek inlet on right side R

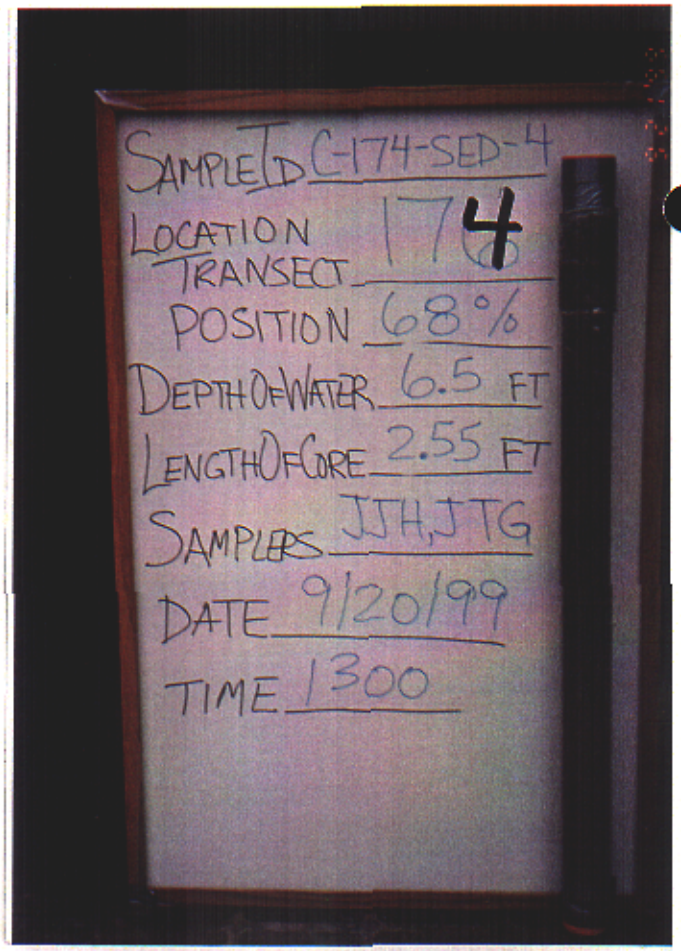


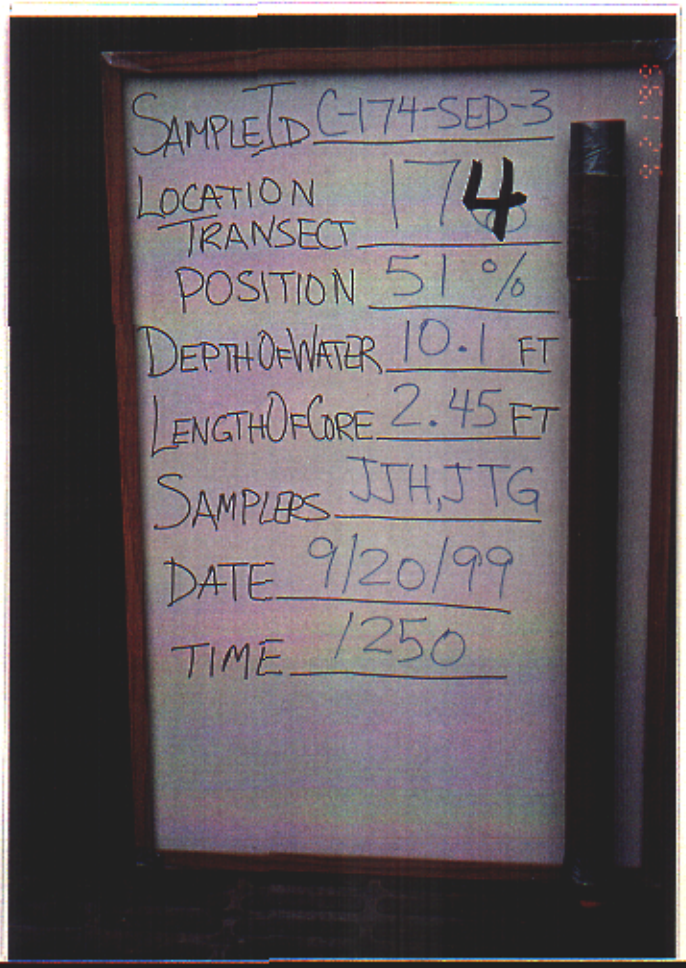

174 RIGHT

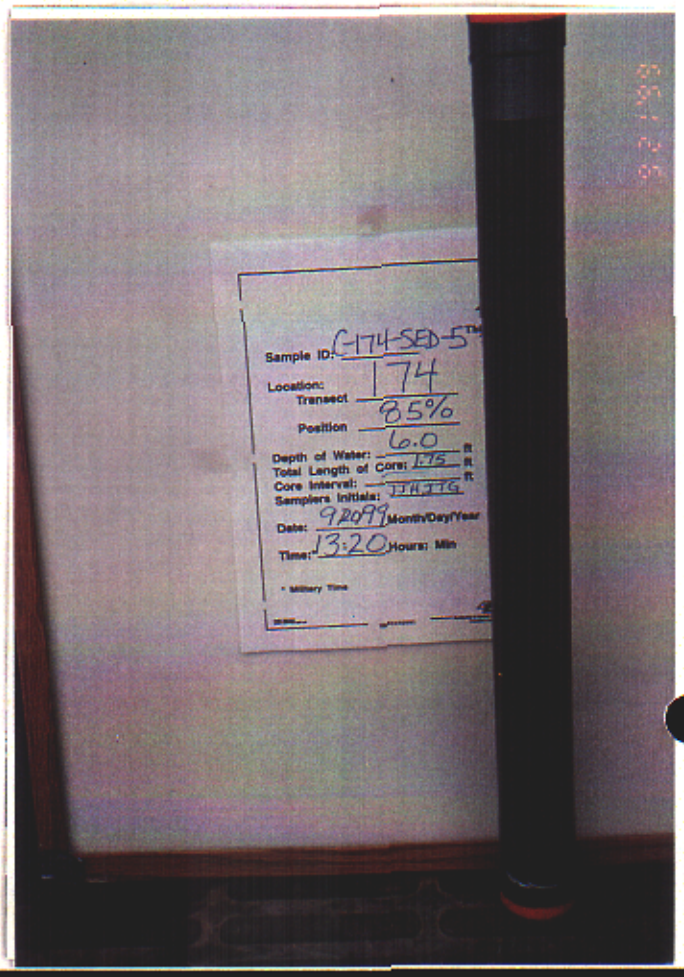

174 LEFT


Sample ID: C-174-SED-I
This End Top
Location:
Transect 174
Position 17%
1.3
Depth of Water: ft
Total Length of Core: 0.5 ft
Core Interval: ft
Samplers Initials: TH, JTG
Date: 9/2099 Month/Day/Year
Time: 12:30 Hours: Min
* Military Time


SAMPLE ID C-174-SED-2
LOCATION TRANSECT 174
POSITION 34%
DEPTH OF WATER 16.27 FT
LENGTH OF CORE 2.8 FT
SAMPLERS JJH, JTG
DATE 9/20/99
TIME 1240


SAMPLE ID C-174-SED-4
LOCATION TRANSECT 174
POSITION 68%
DEPTH OF WATER 6.5 FT
LENGTH OF CORE 2.55 FT
SAMPLERS JJH, JTG
DATE 9/20/99
TIME 1300


SAMPLE ID C-174-SED-3
LOCATION TRANSECT 174
POSITION 51%
DEPTH OF WATER 10.1 FT
LENGTH OF CORE 2.45 FT
SAMPLERS JJH, JTG
DATE 9/20/99
TIME 1250


Sample ID: C-174-SED-5
Location:
Transect 174
Position 85%
Depth of Water: 6.0 ft
Total Length of Core: 1.75 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 92099 Month/Day/Year
Time: 13:20 Hours: Min
* Military Time

This End Top

Sample ID: C-175-SED-5

Location:

Transect 175

Position 85%

Depth of Water: 11.9 ft

Total Length of Core: 0.30 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 92099 Month/Day/Year

Time:* 10.40 Hours: Min

* Military Time

01/93 D54-DJH
6450115P/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-175-SED-3

Location:

Transect 175

Position 51%

Depth of Water: 22.0 ft

Total Length of Core: 1.05 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 11:10 Hours: Min

* Military Time

01/93 D54-DJK
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-175-SED-2

Location:

Transect 175

Position 34%

Depth of Water: 10.7 ft

Total Length of Core: 2.5 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 11:20 Hours: Min

* Military Time

DMB3 DS4-DJH
645011SR64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-175-SED-1

Location:

Transect 175

Position 17%

Depth of Water: 2.7 ft

Total Length of Core: 1.05 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 11:40 Hours: Min

* Military Time

0M83 D54-DJH
6450115R/6450 1g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

JSH/JTG

Transect Number 175

Date 9/20/99 **Time In** 1020 **Time Out** 1200

Total Water Width	510				
Sample Station	17% ~~20%~~ (1)	34% ~~40%~~ (2)	51% ~~60%~~ (3)	68% ~~80%~~ (4)	859 (5)
Sample Width	0+98	1+91	2+61	3+44	4+5
Water Column	2.7	11.7	22.0	24.3	11.9
Sediment Penetrated	1.05	3.5	1.05	—	.35
Sediment Recovered	1.05	0.5	1.05	—	.38
Time	1140	1120	1110	1050	104
Sample ID	C175-SED-1 fine sand 0.m over sandy silt over silty clay	C175-SED-2 Brn. Fine sand over Brn. silt	C175-SED-3 Brn. Silt over silty clay	C175-SED4 —	sand clay, cla

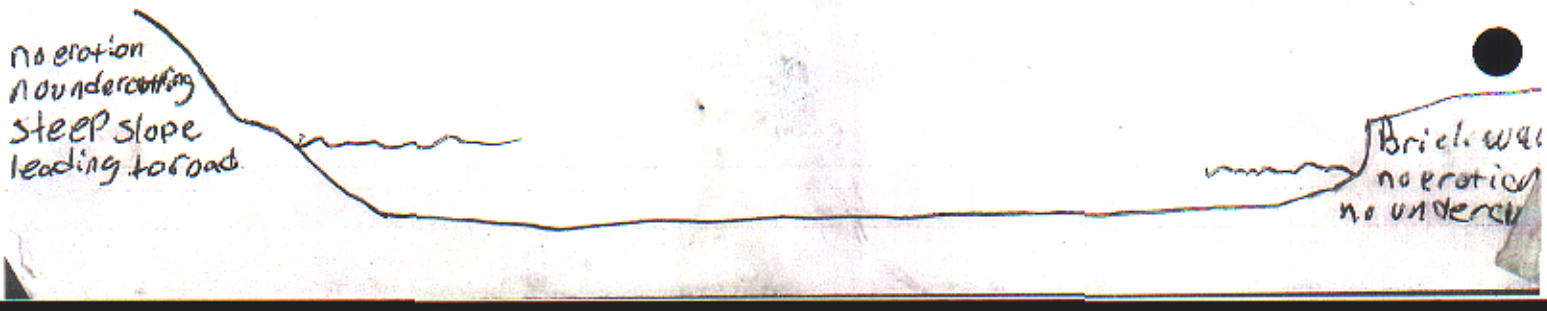
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photos 17 & 18 17=L 18=R

Notes

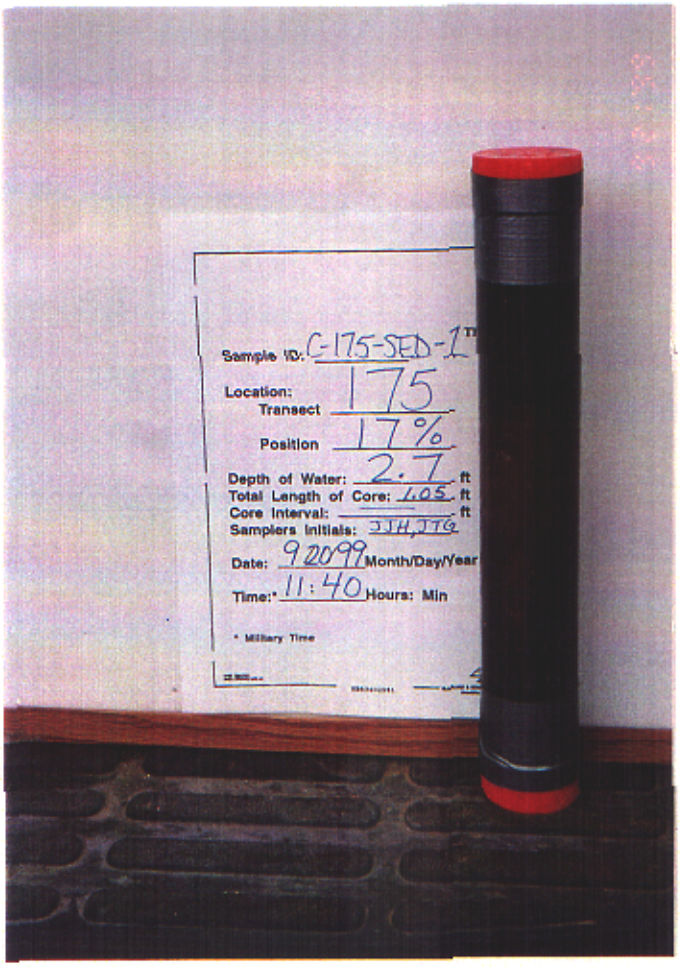
Station 4 approx. 3 of silt & sand over rock Bottom, No sample wasable to be obtained - Station 2 has clay Plug

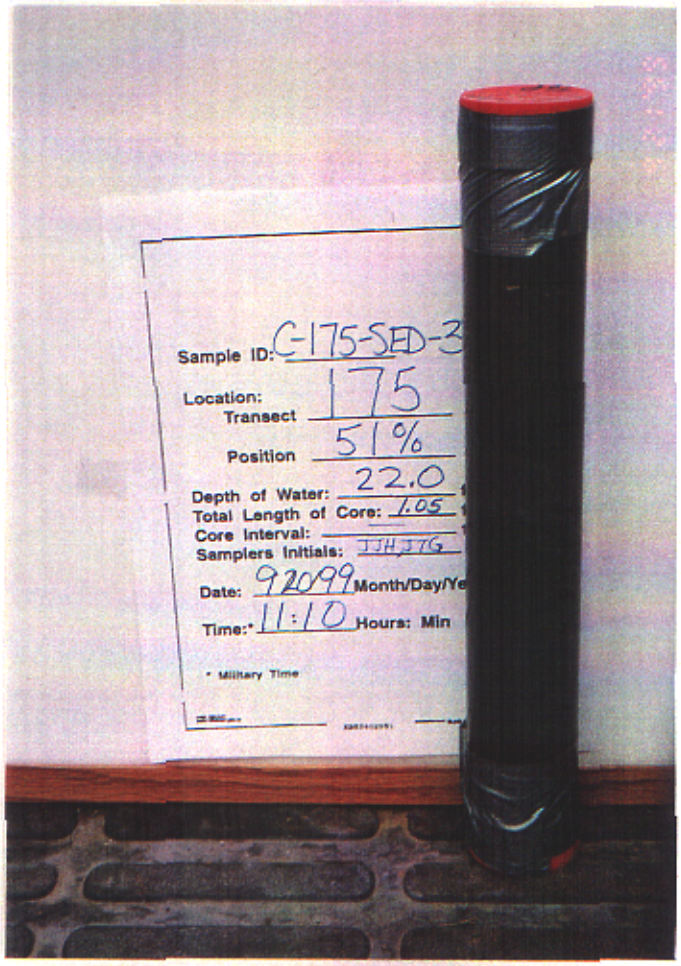
Bank Sketch

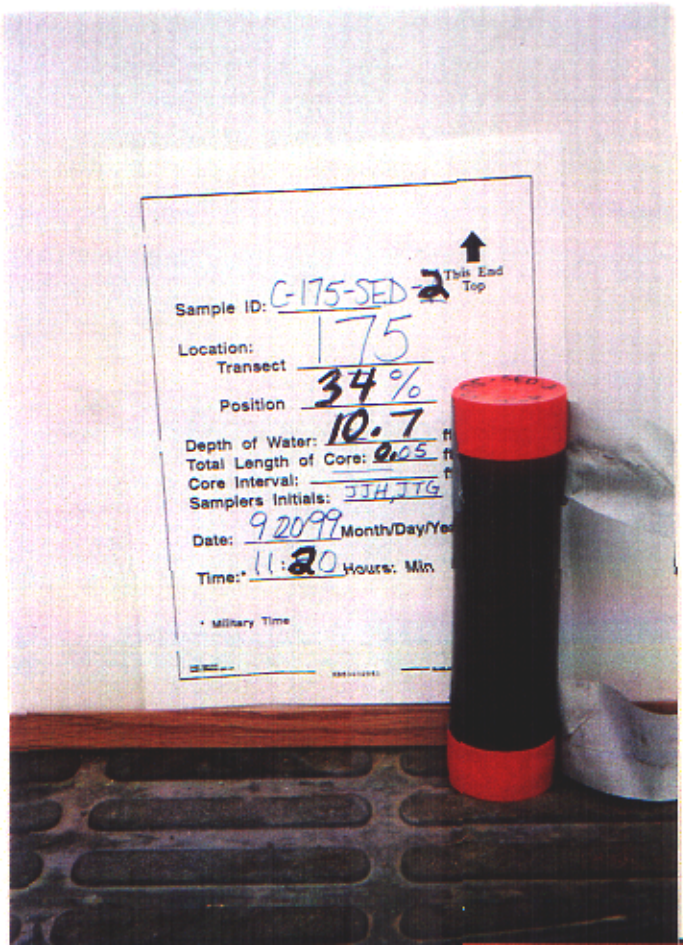


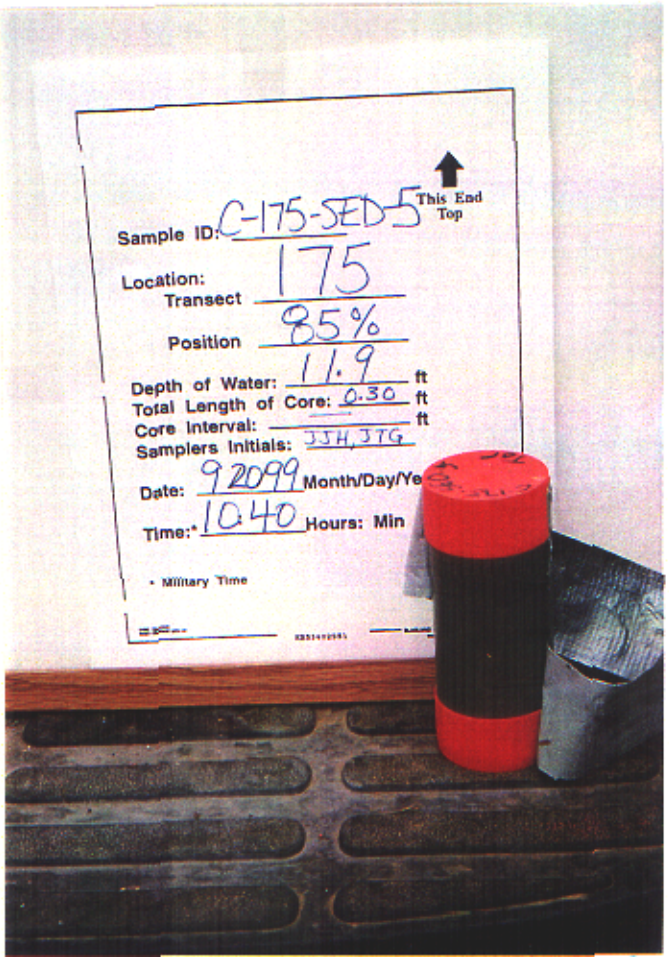

175 LEFT


175 RIGHT


Sample ID: C-175-SED-1
Location:
Transect 175
Position 17%
Depth of Water: 2.7 ft
Total Length of Core: 1.05 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 92099 Month/Day/Year
Time:* 11:40 Hours: Min
* Military Time


Sample ID: C-175-SED-3
Location:
Transect 175
Position 51%
Depth of Water: 22.0
Total Length of Core: 1.05
Core Interval:
Samplers Initials: JJH, JTG
Date: 92099 Month/Day/Ye
Time:* 11:10 Hours: Min
* Military Time


This End Top
Sample ID: C-175-SED-2
Location:
Transect 175
Position 34%
Depth of Water: 10.7
Total Length of Core: 0.05
Core Interval:
Samplers Initials: JJH, JTG
Date: 92099 Month/Day/Ye
Time:* 11:20 Hours: Min
* Military Time


This End Top
Sample ID: C-175-SED-5
Location:
Transect 175
Position 85%
Depth of Water: 11.9 ft
Total Length of Core: 0.30 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 92099 Month/Day/Ye
Time:* 1040 Hours: Min
* Military Time

This End Top

Sample ID: C-176-SED-1

Location:

Transect 176

Position 17%

Depth of Water: 7.85 ft

Total Length of Core: 1.0 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 09:00 Hours: Min

* Military Time

DMB3 D64-CJH
645011SN64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-176-SED-2

Location:

Transect 176

Position 34%

Depth of Water: 12.6 ft

Total Length of Core: 2.6 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 0910 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501603.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-176-SED-3

Location:

Transect 176

Position 51%

Depth of Water: 24.5 ft

Total Length of Core: 3.15 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 092099 Month/Day/Year

Time:* 09:30 Hours: Min

* Military Time

01/93 D64-OJH
64501159/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-176-SED-4

Location:

Transect 176

Position 68%

Depth of Water: 23.0 ft

Total Length of Core: 0.3 ft

Core Interval: ____ ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 09:40 Hours: Min

* Military Time

01/93 D64-DJH
64501\SR\64501g03.cdr

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This End Top

Sample ID: C-176-SED-5

Location:

Transect 176

Position 85%

Depth of Water: 9.5 ft

Total Length of Core: 1.4 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/20/99 Month/Day/Year

Time:* 09:55 Hours: Min

* Military Time

01/93 D54-DJH
6450115P/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Samplers - JJH/JT

Transect Number 176

Date 9/20/99 **Time In** 0840 **Time Out** 1010

Total Water Width	537				
Sample Station	17% ~~20%~~ (1)	34% ~~40%~~ (2)	51% ~~60%~~ (3)	68% ~~80%~~ (4)	85% (5)
Sample Width	1+11	1+95	2+91	3+63	4+65
Water Column	7.85	12.6	24.5	23.0	9.5
Sediment Penetrated	1.0	2.7	3.15	0.4	1.4
Sediment Recovered	1.00	2.6	3.15	0.3	1.4
Time	0900	0910	0930	0940	0950
Sample ID	C176-SED-1 Silt over clay	C176-SED-2 Sandy silt	C176-SED3 Brn. Silt	C176-SED-4 Brn Silt	C176SED Silt o clay

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
1+11	7.85	1.57 | 4.28	0.16 | 0.14		
1+95	12.60	2.52 | 10.08	0.13 | 0.11		
2+91	24.50	4.9 | 12.25 | 19.6	0.07 | 0.11 | 0.23		
3+63	23.0	4.6 | 11.5 | 18.4	0 | 0 | 0		
4+65	9.5	1.9 | 7.6	0 | 0		
		|	|		
		|	|		
		|	|		

Photos 15 & 16 15 = R 16 = L

Notes

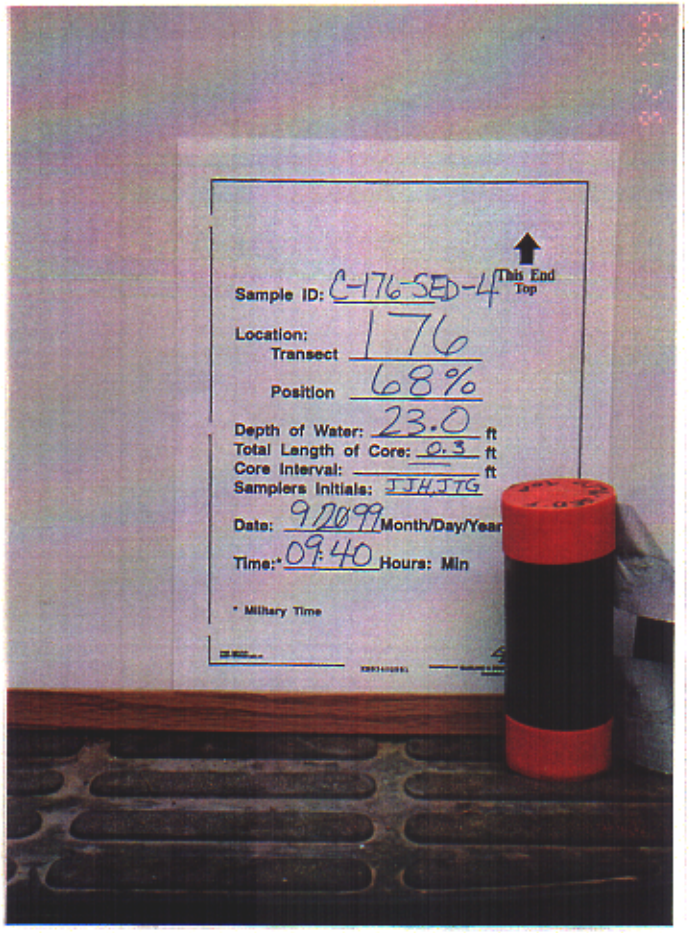
Bank Sketch L — Transect on Bend in creek 1000' down stream of Bridge on Rt. 203 — R

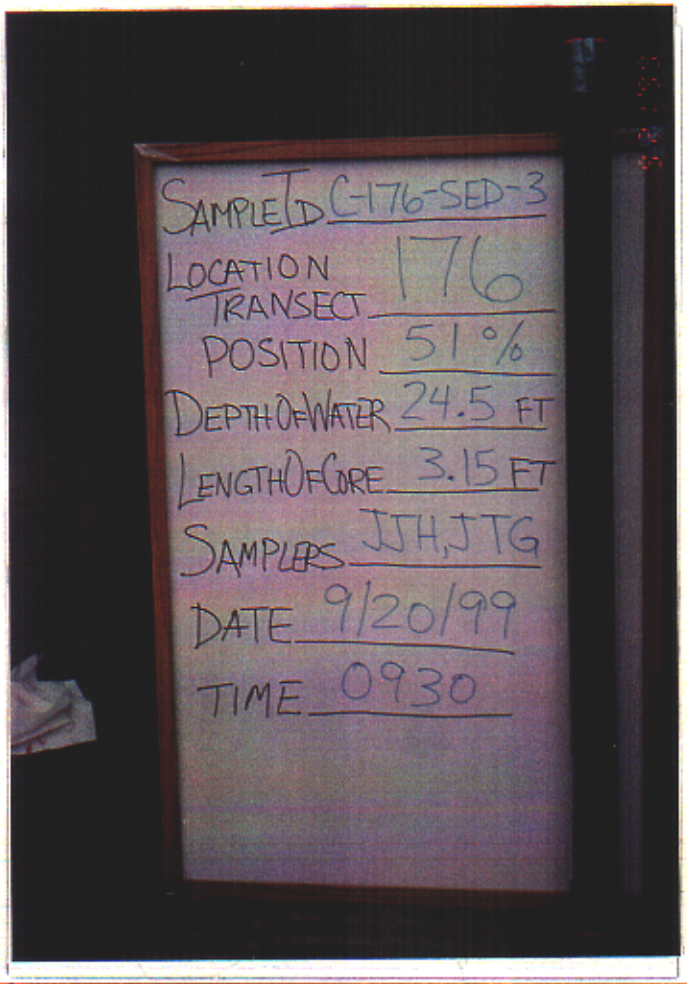


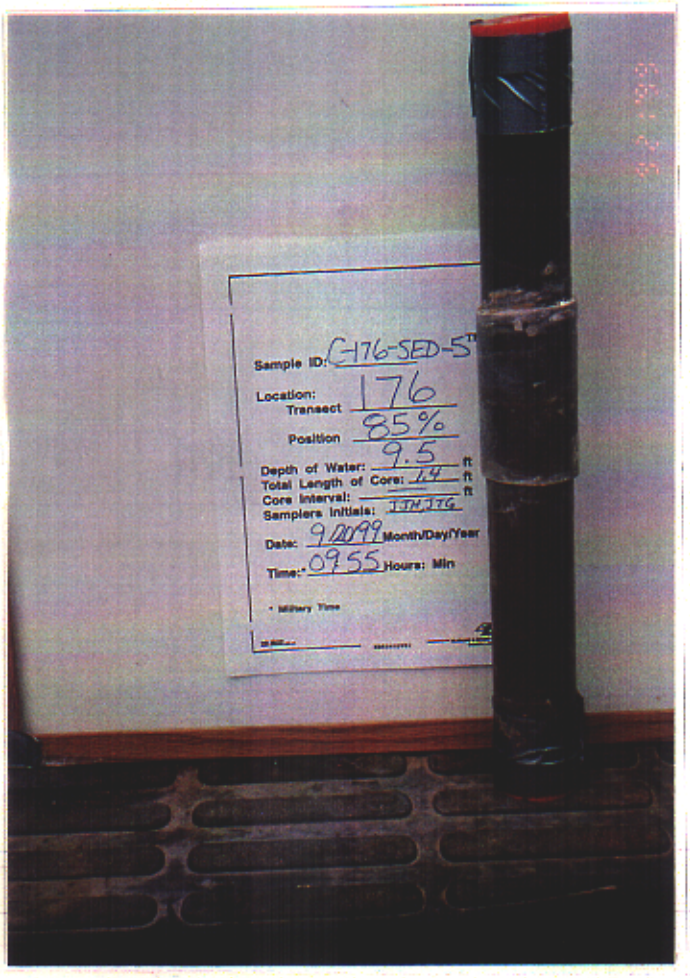
176 RIGHT

176 LEFT

Sample ID: C-176SED-1
Location:
Transect 176
Position 17%
Depth of Water: 7.85 ft
Total Length of Core: 1.0 ft
Core Interval: ft
Samplers Initials: JJH, JTG
Date: 9 /2099 Month/Day/Year
Time:* 09:00 Hours: Min
* Military Time


This End Top
Sample ID: C-176-SED-4
Location:
Transect 176
Position 68%
Depth of Water: 23.0 ft
Total Length of Core: 0.3 ft
Core Interval: ft
Samplers Initials: JJH,JTG
Date: 9/20/99 Month/Day/Year
Time:* 09:40 Hours: Min
* Military Time


SAMPLE ID C-176-SED-3
LOCATION
TRANSECT 176
POSITION 51%
DEPTH OF WATER 24.5 FT
LENGTH OF CORE 3.15 FT
SAMPLERS JJH,JTG
DATE 9/20/99
TIME 0930


Sample ID: C-176-SED-5
Location:
Transect 176
Position 85%
Depth of Water: 9.5 ft
Total Length of Core: 1.4 ft
Core Interval: ft
Samplers Initials: JJH,JTG
Date: 9/20/99 Month/Day/Year
Time:* 0955 Hours: Min
* Military Time

This End Top

Sample ID: C-177-SED-1

Location:

Transect 177

Position 14%

Depth of Water: 5.5 ft

Total Length of Core: 1.3 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 15:20 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-177-SED-2

Location:

Transect 177

Position 28%

Depth of Water: 4.1 ft

Total Length of Core: 1.65 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 15:30 Hours: Min

* Military Time

01/93 D64-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-177-SED-3

Location:

Transect 177

Position 42%

Depth of Water: 1.3 ft

Total Length of Core: 1.0 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 15:40 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-177-SED-4

Location:

Transect 177

Position 56%

Depth of Water: 5.3 ft

Total Length of Core: 2.45 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 15:50 Hours: Min

* Military Time

01/93 D64-DJH
6450115R/64501g09.cdr

KB53402951

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ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-177-SED-5

Location:

Transect 177

Position 70%

Depth of Water: 9.5 ft

Total Length of Core: 3.3 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 16:00 Hours: Min

* Military Time

01/93 D54-DJH
845011SR/84501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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This End Top

Sample ID: C-177-SED-6

Location:

Transect 177

Position 84%

Depth of Water: 26.4 ft

Total Length of Core: 2.6 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 16:00 Hours: Min

* Military Time

01/93 D64-DJH
845011SP/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
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6 (84%)

11+15 Sample width

26.4 water column

3.5 Pen

2.6 Recov

1600 Time

C.177.SED.6 Sample ID

Brown silt over
lt. Brn. silty clay

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 177

Date 9/9/99 **Time In** 1510 **Time Out** 1610

Total Water Width 1281

Sample Station	14% ~~20% (1)~~	28% ~~40% (2)~~	42% ~~60% (3)~~	56% ~~80% (4)~~	#6→
Sample Width	2+15	3+96	5+72	7+69	9+
Water Column	5.5	4.1	1.3	5.3	9.5
Sediment Penetrated	~~1.3~~	~~1.65~~	1.0	2.58	3.3
Sediment Recovered	1.3	1.65	1.0	2.45	3.3
Time	1620	1530	1540	1550	160
Sample ID	C-177-SED-1 ~~1520~~ Brn. Silt	C-177SED-2 ~~1530~~ Brn. silt over orange clay	C-177-SED3 ~~fine sand & silt over orange silty clay~~	C-177SED4 fine sand & silt over sandy clay	C-177- S Silt over Sand

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photos 13 & 14 R = 13 L = 14

Notes

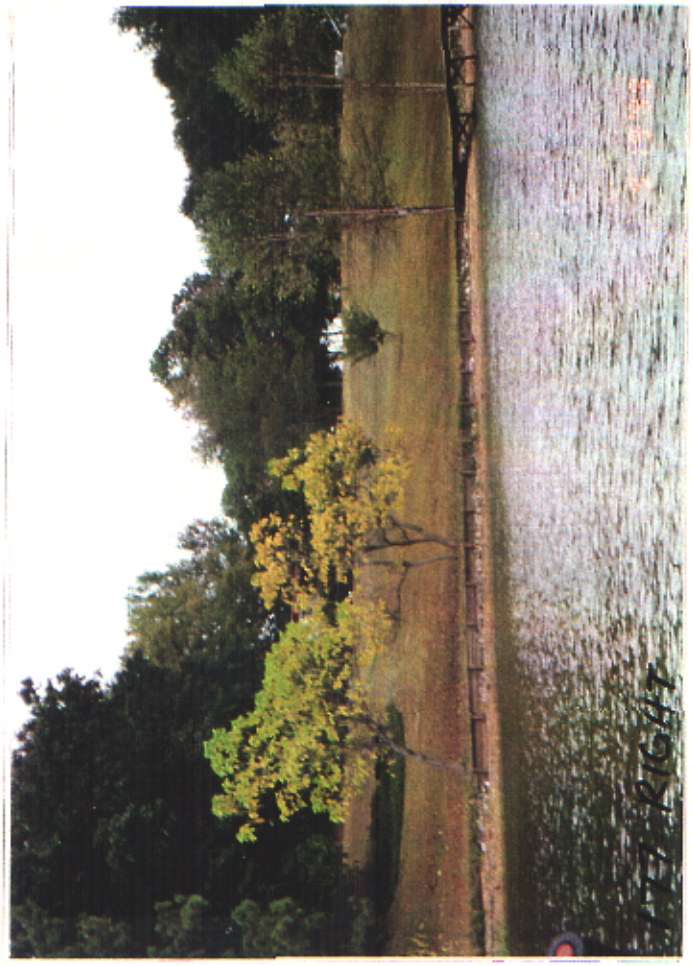
Bank Sketch

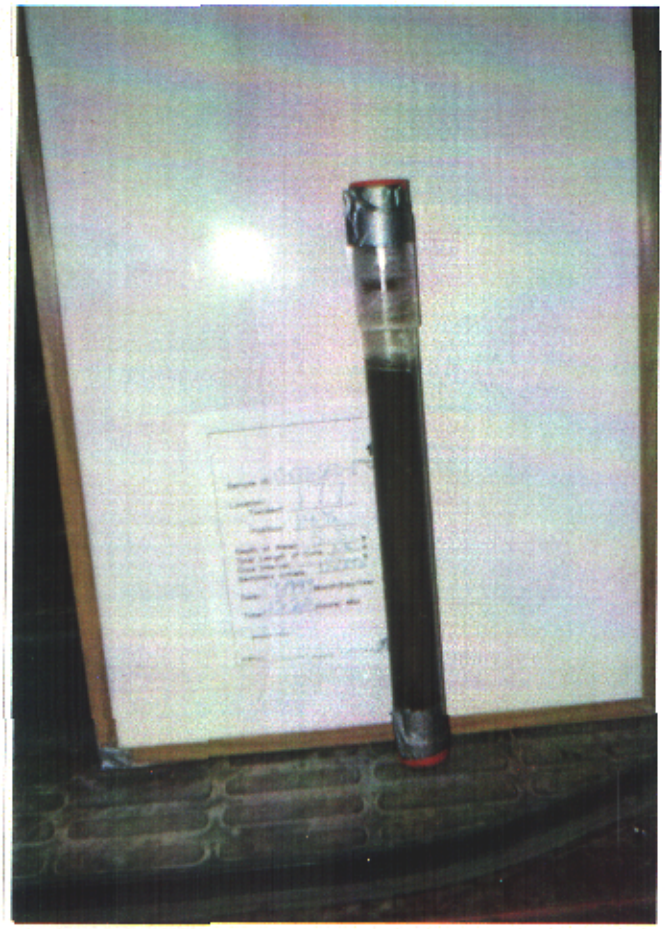
Bends both up & Down Stream – Island approx. 50' upstream of Station 3

L

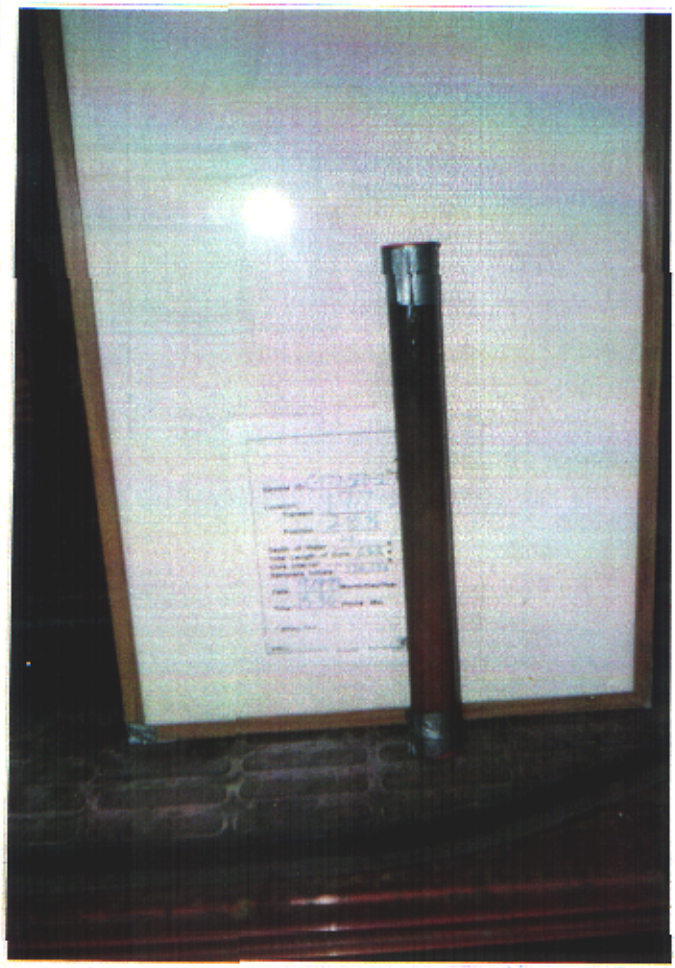
R

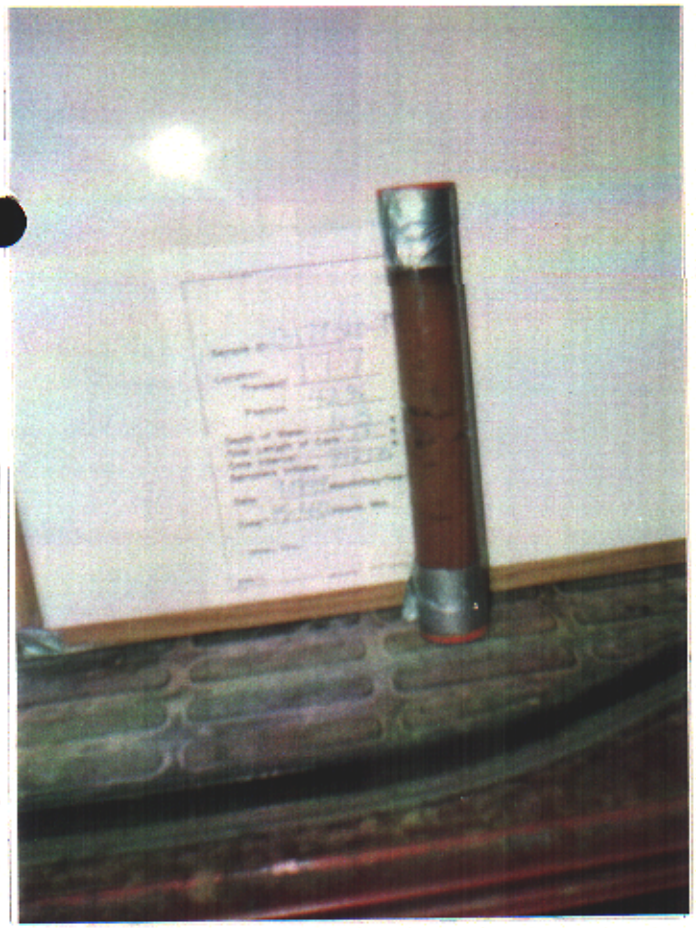


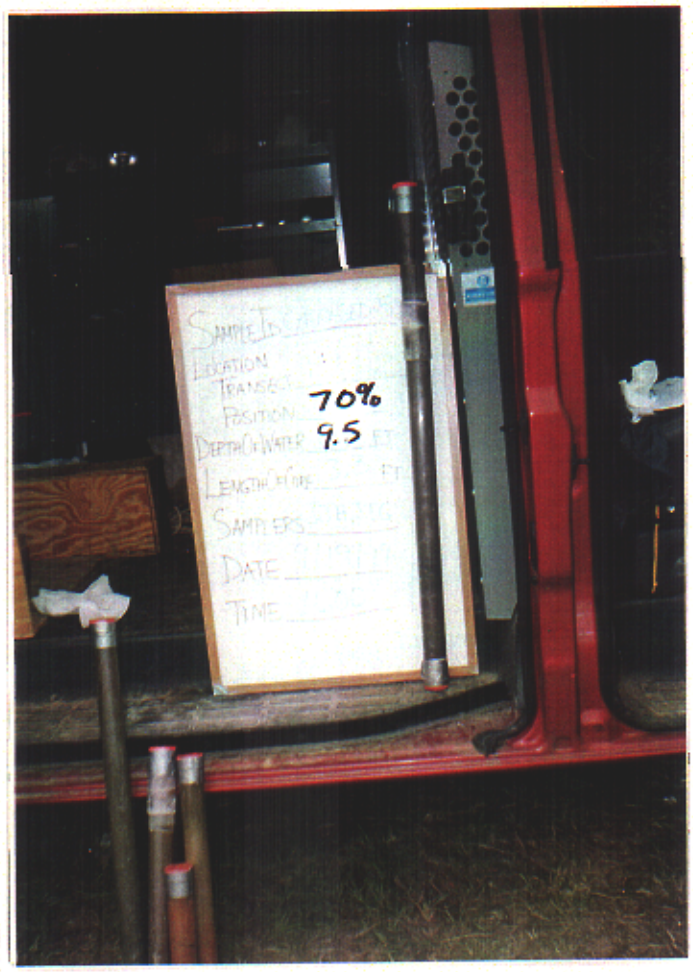

47 RIGHT

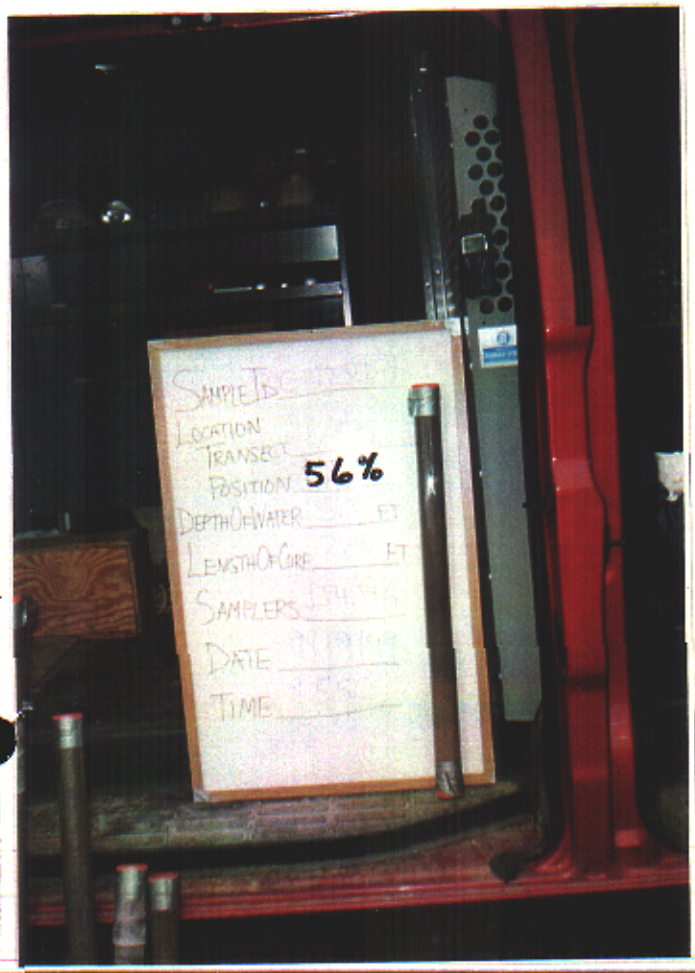


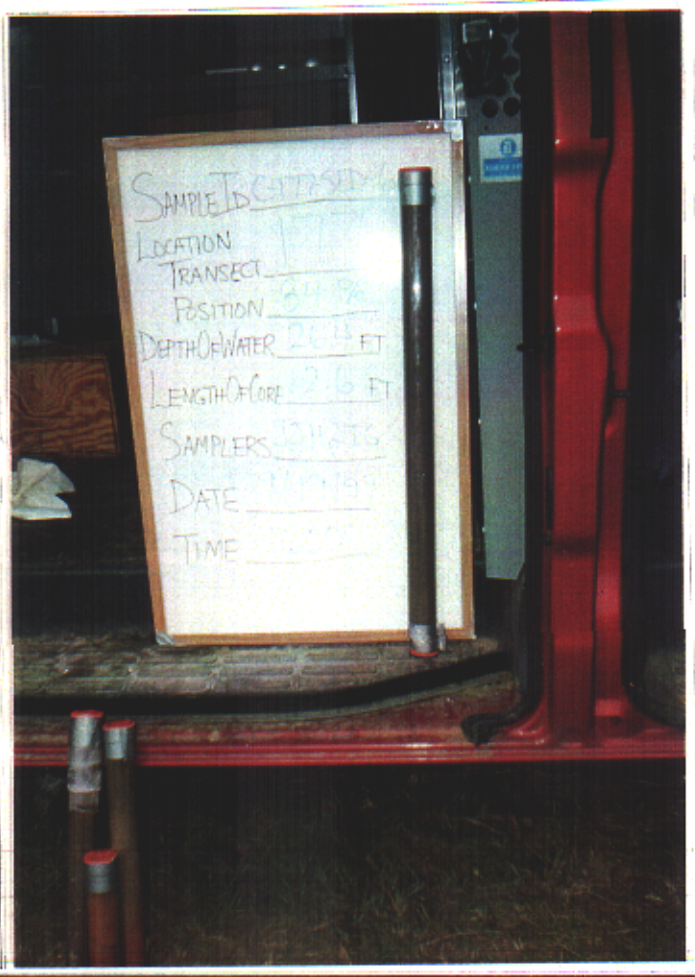

47 LEFT






70%
9.5


56%





This End Top

Sample ID: C-178-SED-4

Location:

Transect 178

Position 68%

Depth of Water: 6.5 ft

Total Length of Core: 6.8 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 13:50 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/54501g03.cdr

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-178-SED-3

Location:

Transect 178

Position 51%

Depth of Water: 5.3 ft

Total Length of Core: 1.55 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/19/99 Month/Day/Year

Time:* 14:00 Hours: Min

* Military Time

0M83 D64-DJH
6450116R/64501g03.cdr

KB53402951

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This End Top

Sample ID: C-178-SED-2

Location:

Transect 178

Position 34%

Depth of Water: 4.8 ft

Total Length of Core: 1.35 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/1/99 Month/Day/Year

Time:* 14:20 Hours: Min

* Military Time

DMB3 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-178-SED-1

Location:

Transect 178

Position 17%

Depth of Water: 1.6 ft

Total Length of Core: 0.95 ft

Core Interval: ____ ft

Samplers Initials: JJH, JTG

Date: 9/1/99 Month/Day/Year

Time:* 14:35 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

Transect Number 178

Date 9/19/99 **Time In** 1320 **Time Out** 1350

Total Water Width	1022				
Sample Station	17% ~~20% (1)~~	34% ~~40% (2)~~	51% ~~60% (3)~~	68% ~~80% (4)~~	85% 5
Sample Width	1463	3+31	4+88	6+88	8+2
Water Column	1.6	4.8	5.3	6.5	27
Sediment Penetrated	1.2	1.35	1.55	11.5	—
Sediment Recovered	.95	1.35	1.55	6.8	—
Time	1435	1420	1400	1350	1340
Sample ID	C-178-SED-1 fine to course Sand over clay	C-178-SED-2 fine sand & silt over orange clay	C-178-SED-3 Brn-Silt over Brn.	C-178-SED-4 fine sand over Brn-Silt	C-178-S —

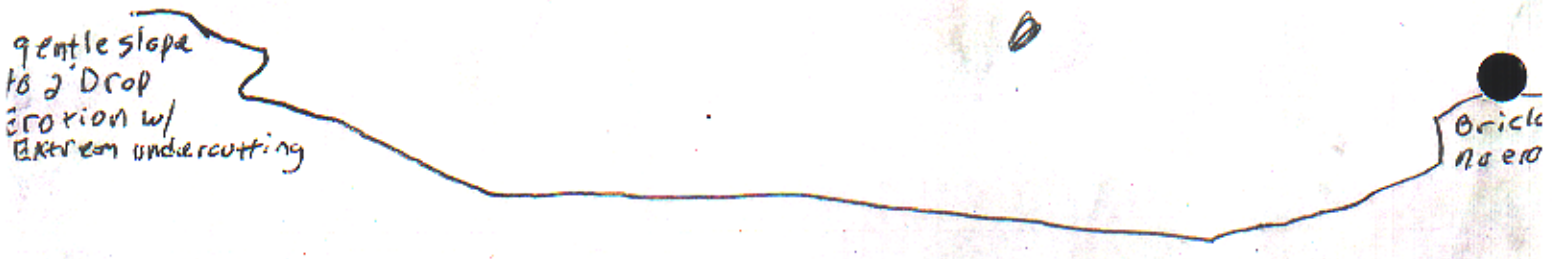
Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		
		| |	| |		

Photos 11 & 12 11 = L 12 = R

Notes

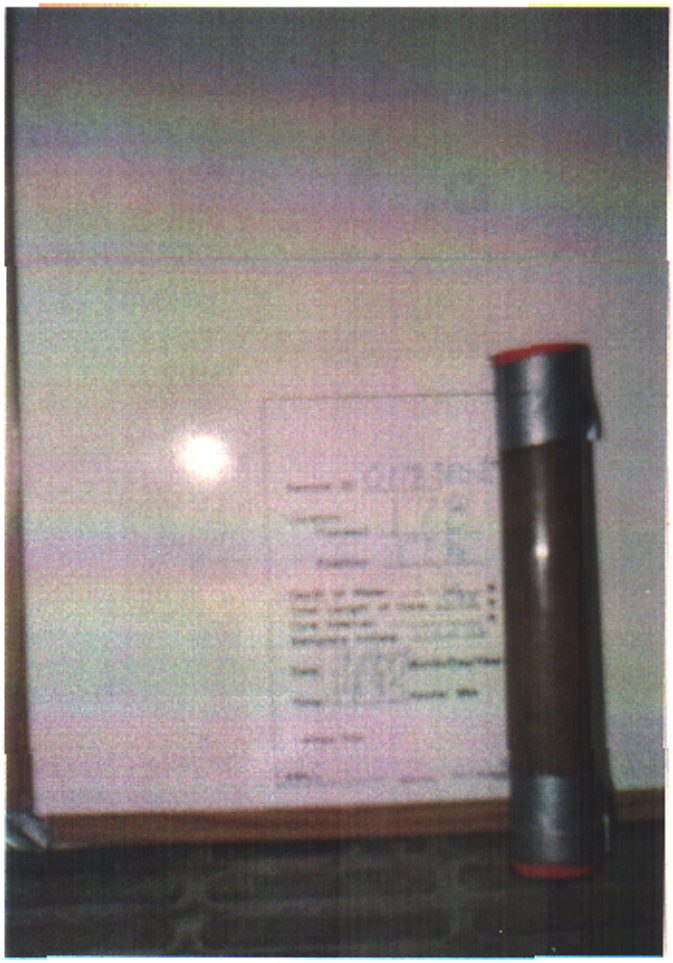
Station 5 Rock Bottom no core was able to be obtained

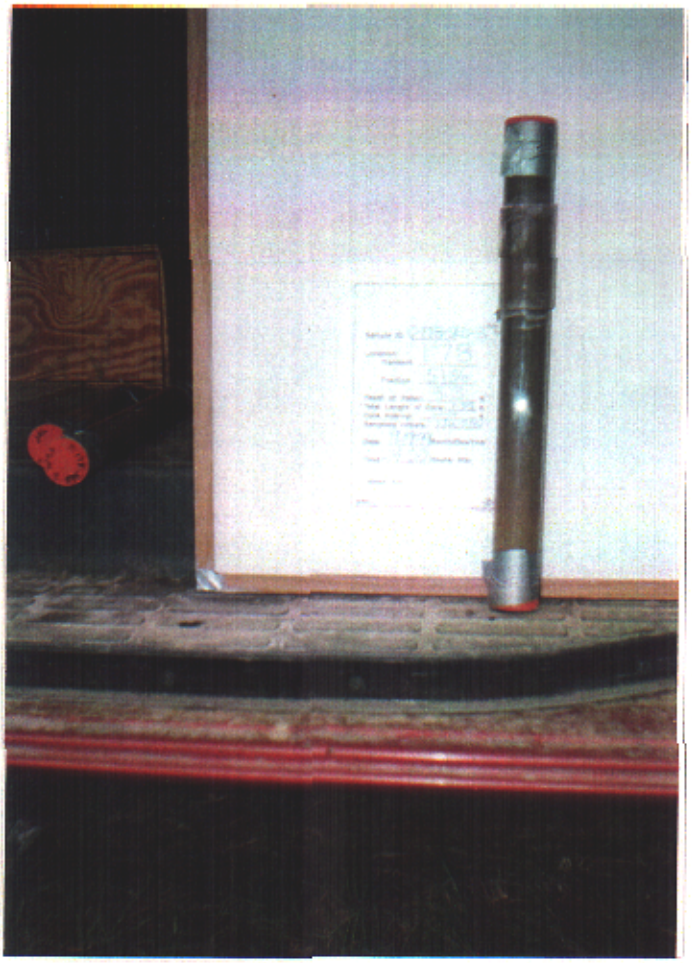
Bank Sketch L

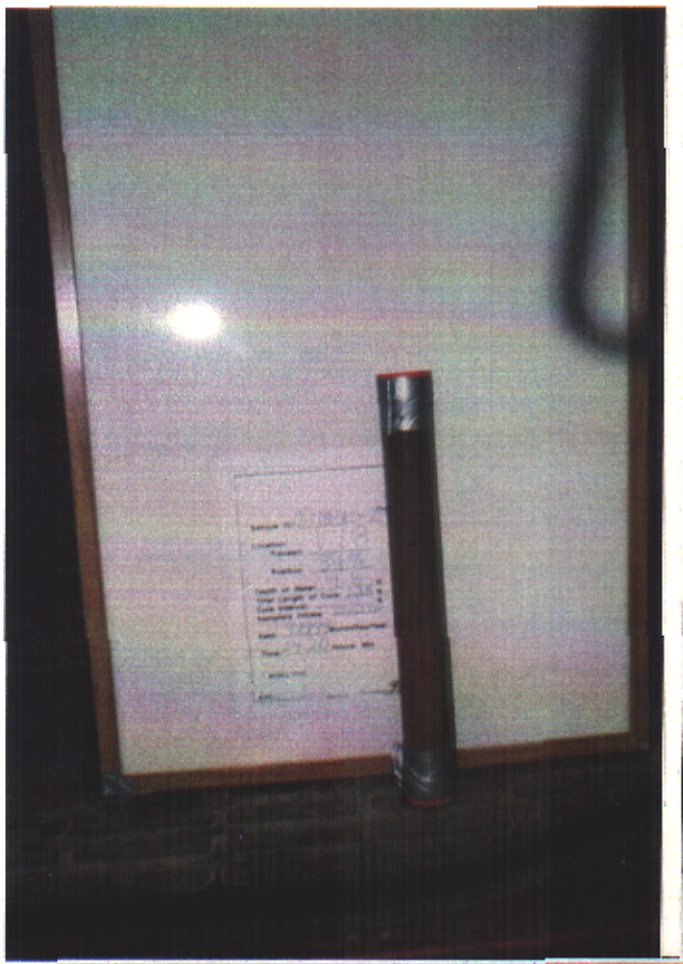


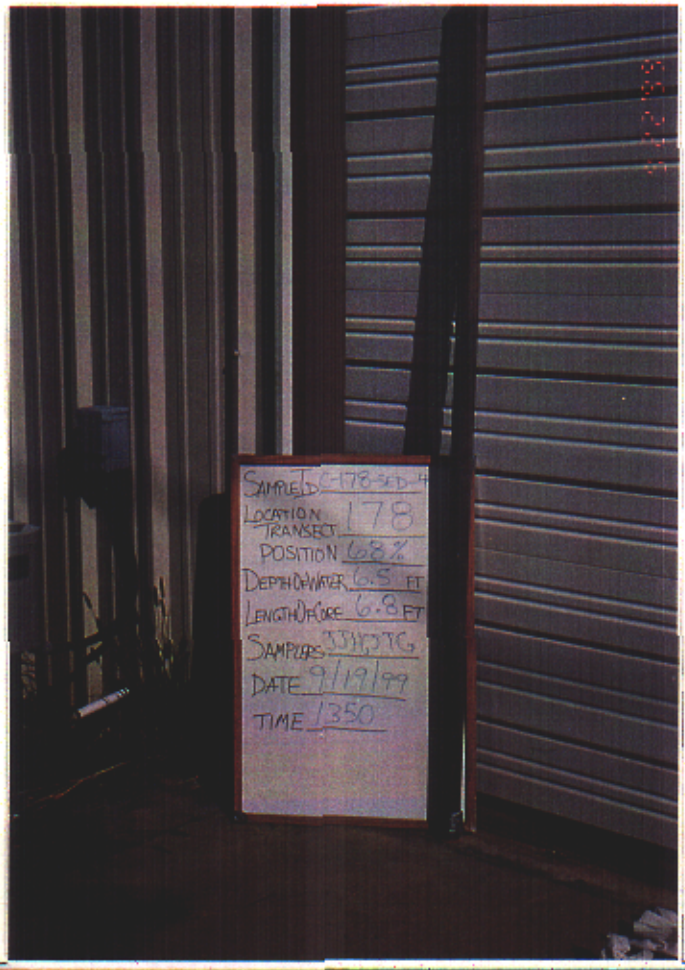

178 LEFT


178 RIGHT








SAMPLE ID C-178-SED-4
LOCATION TRANSECT 178
POSITION 68%
DEPTH OF WATER 6.5 FT
LENGTH OF CORE 6.8 FT
SAMPLERS JJ/KJ/TG
DATE 9/19/99
TIME 1350

This End Top

Sample ID: C-179-SED-1

Location:

Transect 179

Position 17%

Depth of Water: 29.0 ft

Total Length of Core: 1.75 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 15:20 Hours: Min

* Military Time

01493 D54-DJH
8450115R/54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-179-SED-2

Location:

Transect 179

Position 34%

Depth of Water: 24.8 ft

Total Length of Core: 2.2 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/8/99 Month/Day/Year

Time:* 15:30 Hours: Min

* Military Time

01/93 D54-DJH
845011SPM54501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-179-SED-3

Location:

Transect 179

Position 51%

Depth of Water: 8.8 ft

Total Length of Core: 1.9 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 15:40 Hours: Min

* Military Time

DMB3 D54-DJH
645011SRV64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-179-SED-4

Location:

Transect 179

Position 68%

Depth of Water: 6.1 ft

Total Length of Core: 1.5 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 15:50 Hours: Min

* Military Time

01/93 DS4-DJH
8450115R/64601g03.cdr

KB53402951

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ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-179-SED-5

Location:

Transect 179

Position 85%

Depth of Water: 2.9 ft

Total Length of Core: 1.45 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 16:00 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JSH / JTG

Transect Number 179

Date 9/18/99 **Time In** 1510 **Time Out** 1610

Total Water Width	493			
Sample Station	~~20%~~ (1) 17%	34% ~~40%~~ (2)	51% ~~60%~~ (3)	68% ~~80%~~ (4) 85
Sample Width	0+69	1+78	2+61	3+31
Water Column	29.0	24.8	8.8	6.1
Sediment Penetrated	3.1	2.3	1.9	2.0
Sediment Recovered	1.75	2.2	1.9	1.5
Time	1520	1530	1540	1550
Sample ID	C-179-SED-1 Brn silty clay	C-179-SED-2 Brn silt over gray clay	C-179-SED-3 silty clay over stiff Brn clay	C-179-SED-4

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		| |	| |		
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		| |	| |		
		| |	| |		

Photos ~~#~~ 5&6 5 = R 6 = L

Notes (4) - lost clay nose

straight stretch of creek

Bank Sketch L R

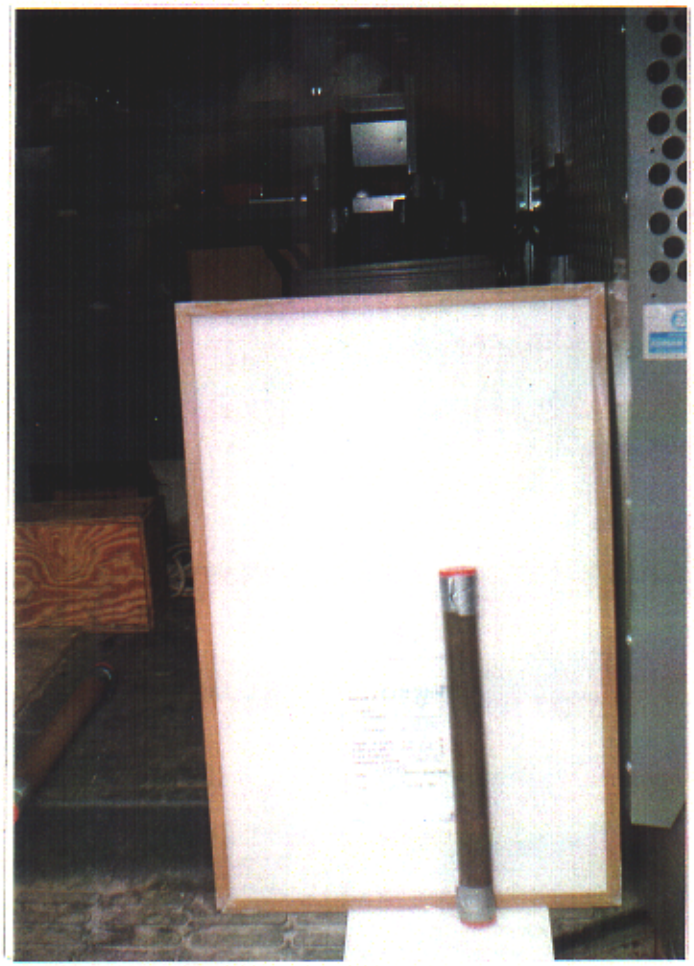



179 RIGHT

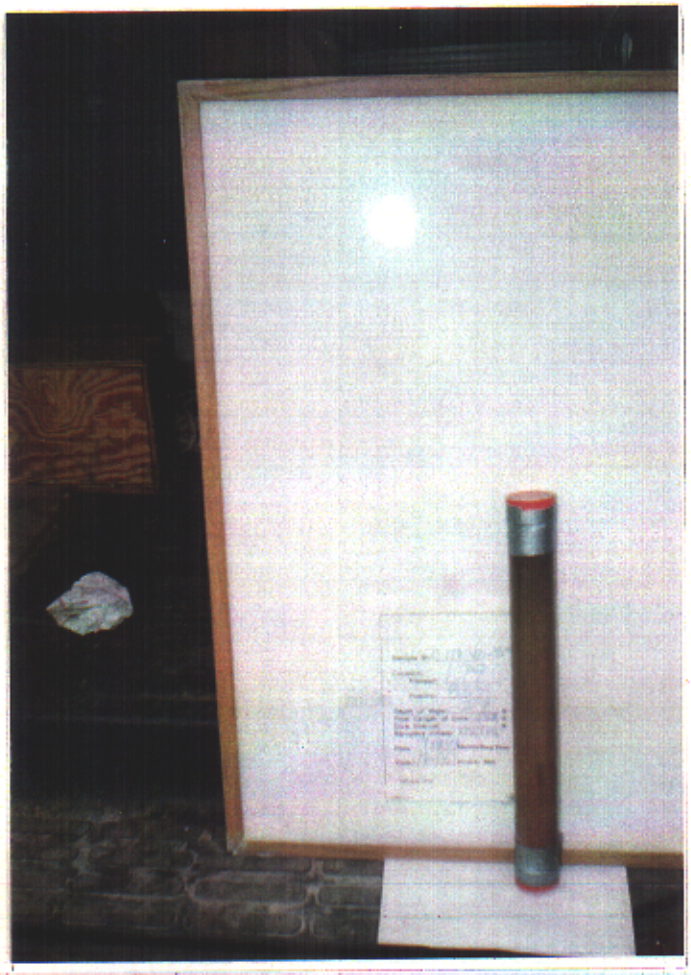

179 LEFT











This End Top

Sample ID: C-180-SED-5

Location:

Transect 180

Position 85%

Depth of Water: 6.3 ft

Total Length of Core: 1.0 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 14:10 Hours: Min

* Military Time

DMB3 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-180-SED-4

Location:

Transect 180

Position 68%

Depth of Water: 10.2 ft

Total Length of Core: 2.65 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 14:20 Hours: Min

* Military Time

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64501159/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-180-SED-3

Location:

Transect 180

Position 51%

Depth of Water: 11.6 ft

Total Length of Core: 3.6 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 14:30 Hours: Min

* Military Time

DMB3 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-180-SED-2

Location:

Transect 180

Position 34%

Depth of Water: 24.2 ft

Total Length of Core: 2.3 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 14:40 Hours: Min

* Military Time

01/93 D54-DJH
845D115R/84501g09.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-180-SED-1

Location:

Transect 180

Position 17%

Depth of Water: 23.3 ft

Total Length of Core: 1.75 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 14:50 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JH JTG

Transect Number	180				
Date	9/18/99	**Time In**	1400	**Time Out**	1500
Total Water Width	654				
Sample Station	~~20% (1)~~ 17%	~~40% (2)~~ 34%	~~60% (3)~~ 51%	~~80% (4)~~ 68%	(5) 85%
Sample Width	104	206	322	429	533
Water Column	23.3	24.2	11.6	10.2	6.3
Sediment Penetrated	2.0	2.63	3.6	2.70	1.1
Sediment Recovered	1.75	2.35	3.6	2.65	1.0
Time	1450	1440	1430	1420	1410
Sample ID	C-180-SED-1 Brn. Silt	C-180-SED-2 Brn. Silt and sand	C-180-SED-3 Brn. fine sand over Brn. silt over orange clay	C-180-SED-4 silt over clay	C-180-SED-5 silt over silt over clay

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow
		| |	| |		
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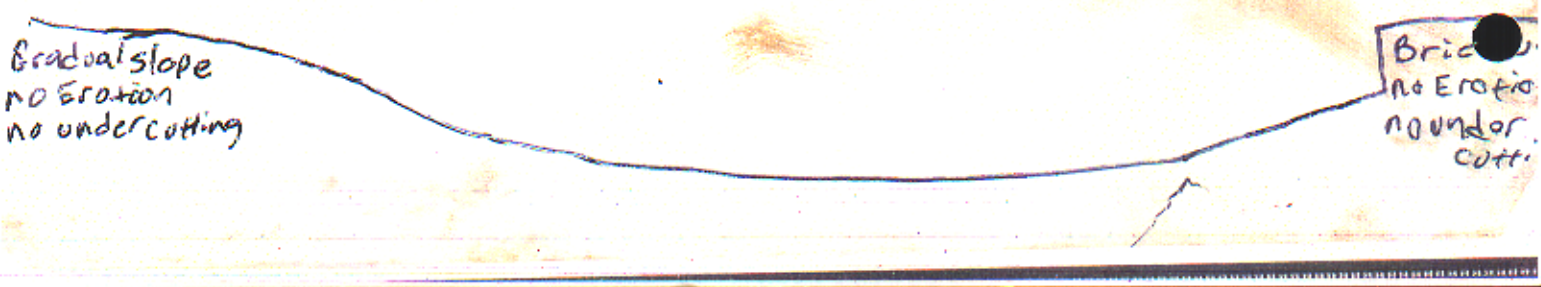
		| |	| |		
		| |	| |		

Photos - 3&4 3 = Left 4 = Right

Notes

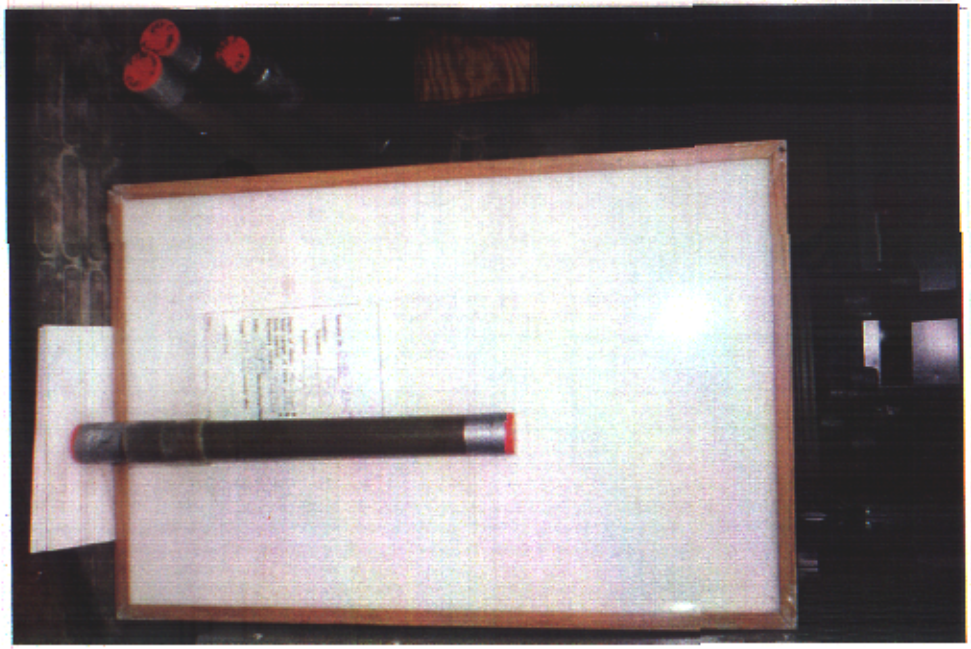
Just upstream from Bend in Creek

Bank Sketch L R



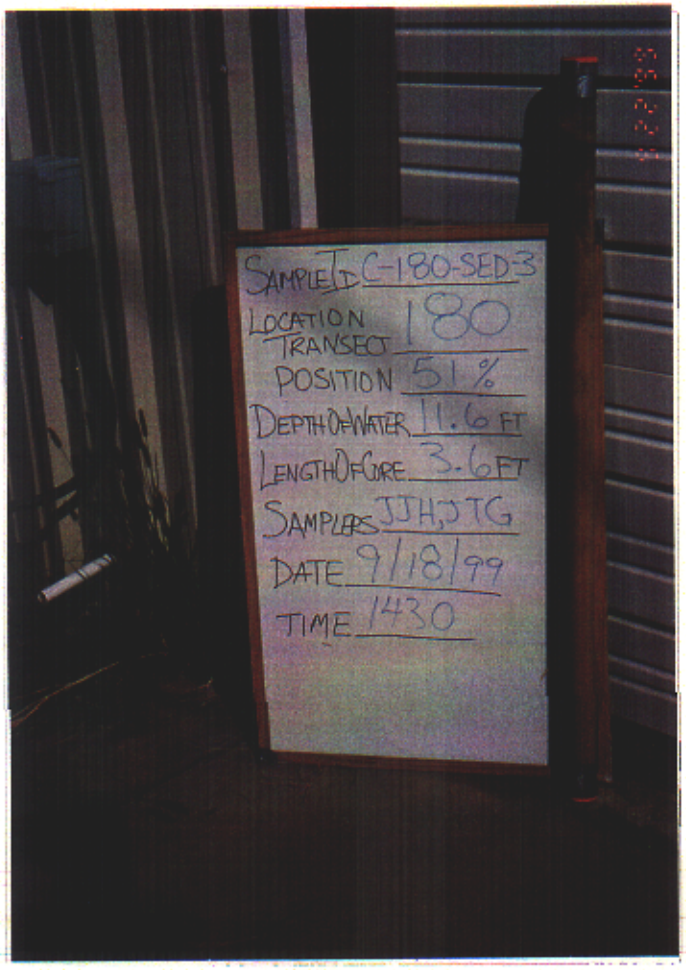

180 LEFT

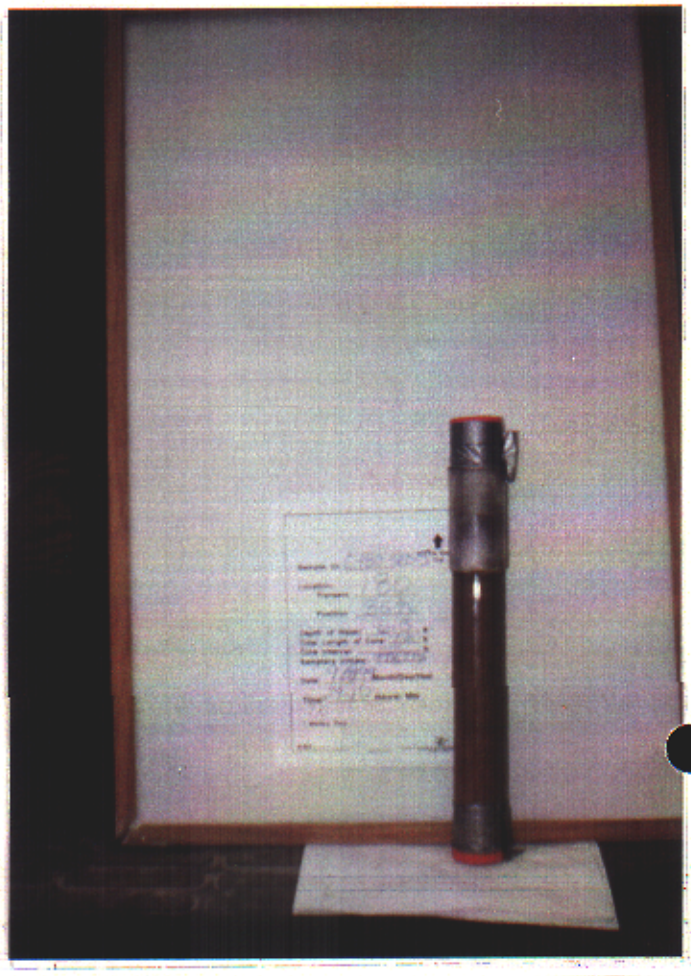

180 RIGHT




C-180SED-2
180
34%
24.2
2.3
9/18/99
1440


68%


SAMPLE ID C-180-SED-3
LOCATION TRANSECT 180
POSITION 51%
DEPTH OF WATER 11.6 FT
LENGTH OF CORE 3.6 FT
SAMPLERS JJH, JTG
DATE 9/18/99
TIME 1430



This End Top

Sample ID: C-181-SED-5

Location:

Transect 181

Position 85%

Depth of Water: 4.8 ft

Total Length of Core: 1.85 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 10:40 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/6450 1g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-181-SED-4

Location:

Transect 181

Position 68%

Depth of Water: 7.8 ft

Total Length of Core: 1.80 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 10:50 Hours: Min

* Military Time

0183 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-181-SED-3

Location:

Transect 181

Position 51%

Depth of Water: 11.4 ft

Total Length of Core: 1.85 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 11:00 Hours: Min

* Military Time

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-181-SED-2

Location:

Transect 181

Position 34%

Depth of Water: 13.5 ft

Total Length of Core: 1.5 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 11:10 Hours: Min

* Military Time

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-181-SED-1

Location:
Transect 181

Position 17%

Depth of Water: 29.3 ft
Total Length of Core: 1.12 ft
Core Interval: _____ ft
Samplers Initials: JJH, JTG

Date: 9/18/99 Month/Day/Year

Time:* 11:20 Hours: Min

* Military Time

0163 004-DJH
6450115R64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

correct SAMPLERS JJH, JTG

Transect Number 181

Date 9/18/99 **Time In** 1030 **Time Out**

Total Water Width	741	17%	34%	51%	68%	85%
Sample Station	~~20% (1)~~	~~40% (2)~~	~~60% (3)~~	~~80% (4)~~	5
Sample Width	1+38	2+65	3+95	5+06	6 ra
Water Column	~~1.8~~ 2.93	~~11.4~~ 13.5	~~7.8~~ 11.4	~~7.8~~ 7.8	4-9
Sediment Penetrated	1.3	1.8	~~9+~~ 1.85	~~1.92~~ 2.1 1.80	1-9
Sediment Recovered	1.12	1.5	~~1.8~~ 1.85	~~1.88~~	1-8
Time	~~1038~~ 1138	~~1050~~ 1110	~~1100~~ 1100	~~1110~~ 1050	104
Sample ID	C-181-SED-1 Brn. silt over Brn. silty clay	C-181-SED-2 Brn. silt over Brn. Clay	C-181-SED-3 Brn. silt over orange Brn. clay	C-181-SED-4 Brn. silt over orange Brn. clay	Brn orang silty

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

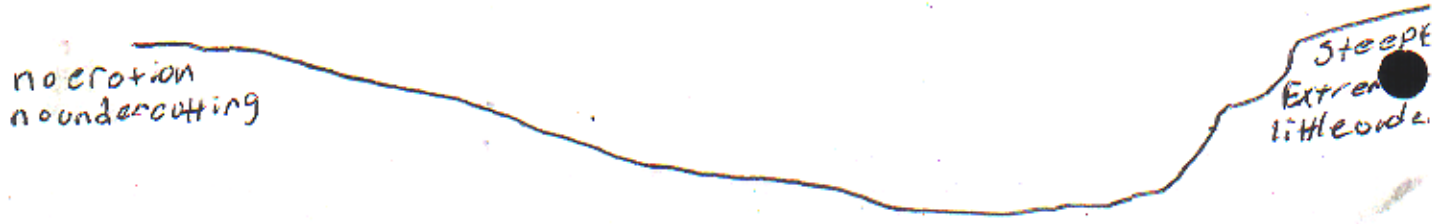
Photos 1&2

Notes

Transect on point of Bend in creek (left Bank)

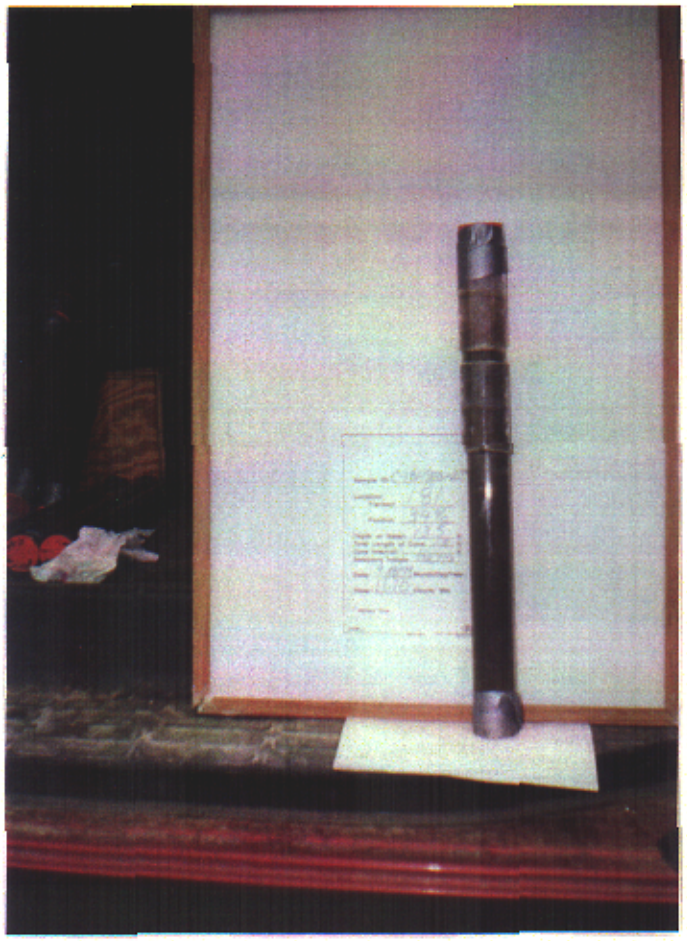
L R

Bank Sketch



181 RIGHT

181 LEFT











This End Top

Sample ID: C-182-SED-5

Location:

Transect 182

Position 85%

Depth of Water: 4.1 ft

Total Length of Core: 2.8 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 14:00 Hours: Min

* Military Time

01483 DS4-DJH
845011SRVS4501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-182-SED-4

Location:

Transect 182

Position 68%

Depth of Water: 6.4 ft

Total Length of Core: 0.52 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 14:10 Hours: Min

* Military Time

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64501\SR\64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-182-SED-3

Location:

Transect 182

Position 51%

Depth of Water: 7.4 ft

Total Length of Core: 2.4 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 14:20 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-182-SED-2

Location:

Transect 182

Position 34%

Depth of Water: 16.8 ft

Total Length of Core: 2.1 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 14:30 Hours: Min

* Military Time

01/93 D54-DJH
645011SR/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-182-SED-1

Location:

Transect 182

Position 17%

Depth of Water: 30.6 ft

Total Length of Core: 1.35 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/7/99 Month/Day/Year

Time:* 14:40 Hours: Min

* Military Time

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KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS JJH - JIG

Transect Number 182

Date 9/17/99 **Time In** 1350 **Time Out** 1455

Total Water Width	858	(4) 68%	51%	34% (2)	17
Sample Station	~~20% (1)~~ (5) 85%	~~40% (2)~~	~~60% (3)~~	~~80% (4)~~	5
Sample Width	7+39	5+86	4+57	2+58	1+
Water Column	4.1	6.4	7.4	16.8	30.
Sediment Penetrated	2.9	.65	2.4	2.3	1.8
Sediment Recovered	2.8	.52	2.4	~~1.6~~ 2.1	1.3
Time	1400	1410	1420	1430	1440
Sample ID	C-182-SED-5 fine sand & clay over clay	C-182-SED-4 silt & clay	C-182-SED-3 silt over silty clay	C-182-SED-2 silty clay	C-18 cla

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photos 25 & 26

Notes

Bank Sketch C

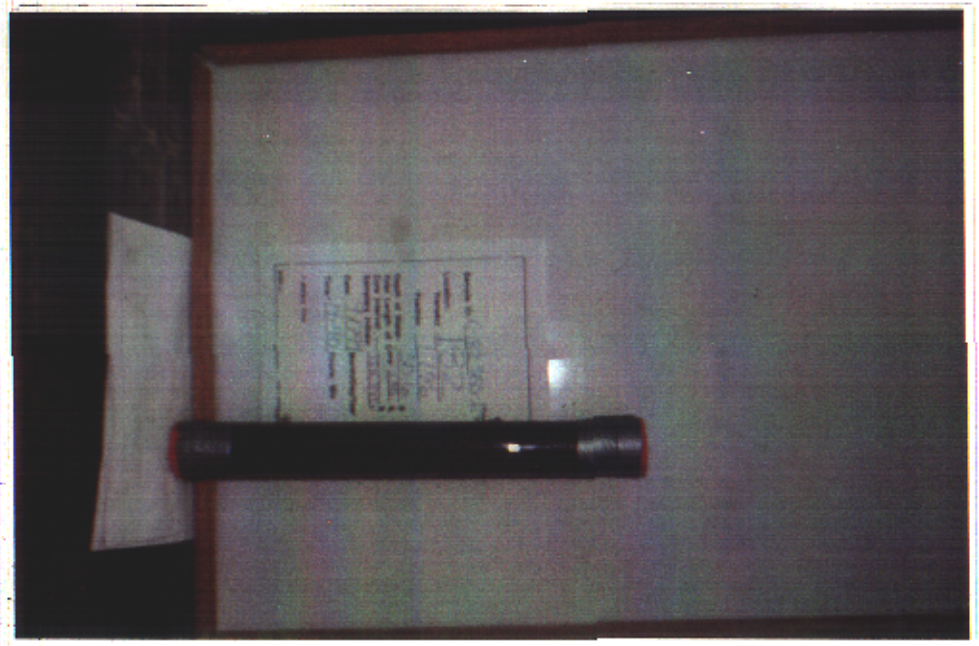
~~Left~~ Just past Bend
Small inlet just before transect

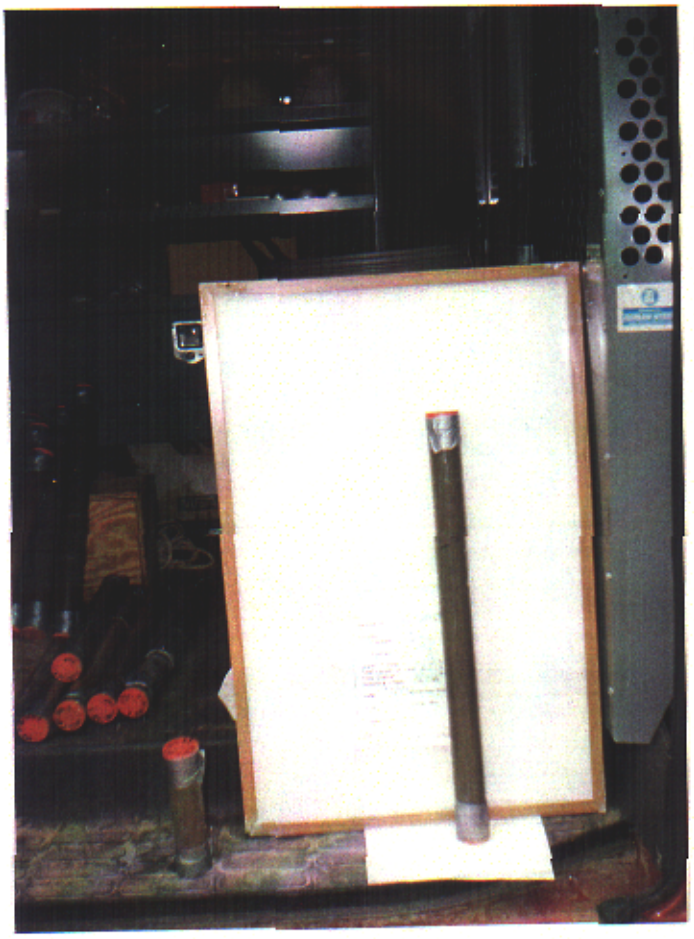
R

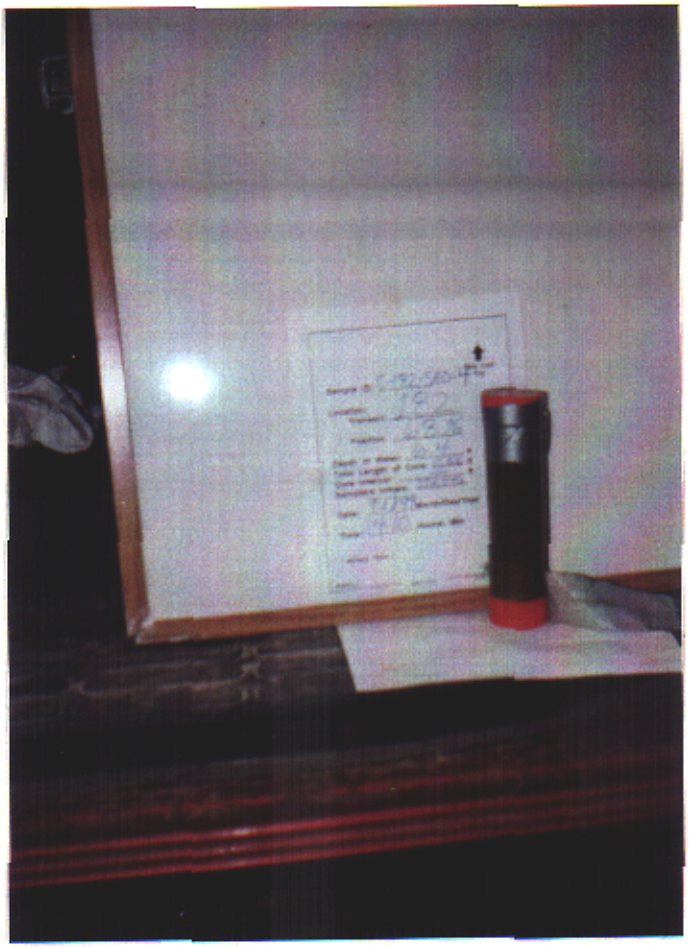




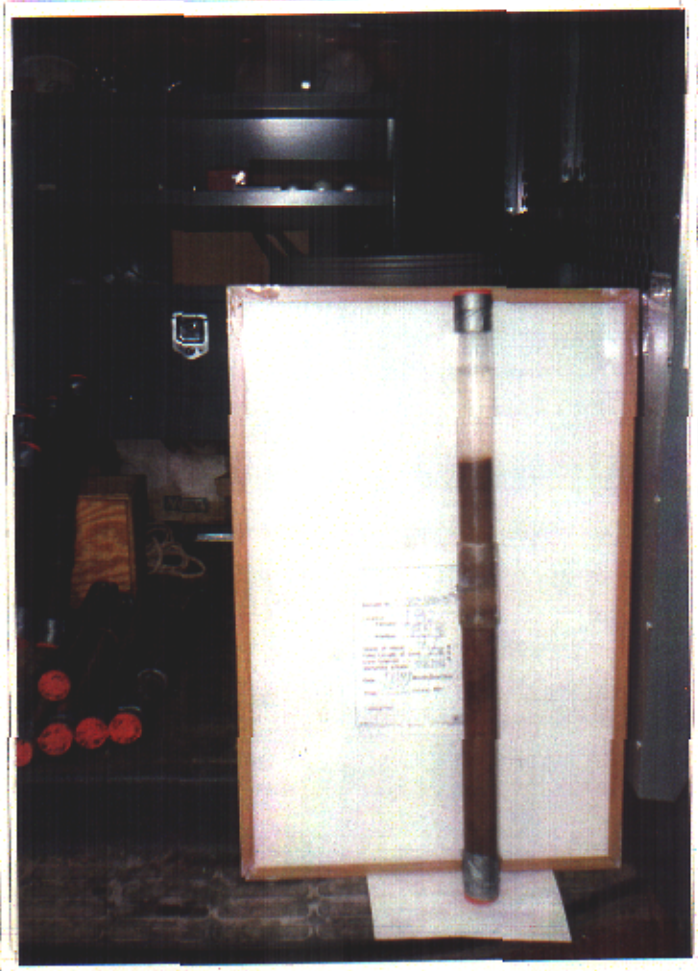
NO RIGHT BANK SHOT











This End Top

Sample ID: C-183-SED-5

Location:

Transect 183

Position 85%

Depth of Water: 15.36 ft

Total Length of Core: 0.86 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: / / Month/Day/Year

Time:* : Hours: Min

* Military Time

01/93 D54-DJH
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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-183-SED-4

Location:

Transect 183

Position 68%

Depth of Water: 8.6 ft

Total Length of Core: 2.7 ft

Core Interval: _____ ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 12:20 Hours: Min

* Military Time

01/93 D54-DJH
64501\SP\64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS



This End Top

Sample ID: C-183-SED-3

Location:

Transect 183

Position 51%

Depth of Water: 11.9 ft

Total Length of Core: 2.9 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 12:30 Hours: Min

* Military Time

01/93 D54-OJH
845011SR/54501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-183-SED-2

Location:

Transect 183

Position 34%

Depth of Water: 28.7 ft

Total Length of Core: 2.72 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 12:40 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

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BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

This End Top

Sample ID: C-183-SED-1

Location:

Transect 183

Position 17%

Depth of Water: 11.7 ft

Total Length of Core: 1.2 ft

Core Interval: — ft

Samplers Initials: JJH, JTG

Date: 9/17/99 Month/Day/Year

Time:* 13:00 Hours: Min

* Military Time

01/93 D54-DJH
6450115R/64501g03.cdr

KB53402951

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

Solutia, Inc. - Anniston, AL

Choccolocco Creek Sediment Investigation - Phase I

SAMPLERS

Transect Number 183

Date 9/17/99 **Time In** 1200 **Time Out** 1330

Total Water Width	696	(5) 85%	(4) 68%	(3) 51%	34% (2)
Sample Station	~~20% (1)~~		~~40% (2)~~	~~60% (3)~~	~~80% (4)~~
Sample Width	5+71		4+62	3+49	2+44
Water Column	15.36		8.6	11.9	28.7
Sediment Penetrated	.86		2.9	3.0	2.8
Sediment Recovered	.86		2.7	2.9	2.72
Time	C-183-SED-5		C-183-SED-4	C-183-SED-3	C-183-SED-2
Sample ID	1210 trace silt over clay		1220 silty clay	1230 silty clay over clay	1240 silty clay

Station	Total Depth	Depth .2 | .6 | .8	Velocity .2 | .6 | .8	Average Velocity	Flow

Photos 23&24

Notes

Bank Sketch





183 LEFT


183 RIGHT

