

Erosion log sheet

Temp (C): 19
 Motor #: 1
 Turb#: 1

Date: 10-25-11
 Operator: Pst + O

Experiment Name: OC477.4.1

Experiment start time: 02:43:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	1	02:43:00	02:45:00	Flushing - No erosion
	2		02:53:00	Subsample
	1		02:59:15	
0.05	142	03:12:00	03:12:15	Minor erosion
	13		03:18:00	Subsample
	142		03:21:45	
0.1	138	03:31:00	03:31:05	Some resuspension
	8		03:39:15	Subsample
	138		03:40:45	
	6		03:47:30	
0.2	140	03:51:00	03:51:10	Active erosion
	10		03:59:10	Subsample
	136		4:00:40	Pile in center
0.3	146	04:11:00	04:11:15	
	11		04:19:15	subsample
	102		04:20:15	Large pile in center

Core notes: Video indicates slow coren quilltime pressure wake eroded some sediment
 Surface mostly level but hummocky, disturbed around edge ~ 3/4 ground
 Small + large worm tubes (1 + 3 mm)

Crst samples for Keifer

Erosion log sheet

Temp (C): 19

Experiment Name: 06477-4-1

Date: 10-25-11

Motor #: |

Experiment start time: 02:43:00 EDT

Operator: Part 0

Turb#: |

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.45	141	4:31:00	04:31:10	
	22		04:39:15	Subsample
	141		04:40:15	
	132		04:42:00	
0.6	129	04:51:00	04:51:15	
	7		04:59:15	Subsample
	129		05:00:15	
	107		05:01:15	
	3		05:10:20	END
			05:11:20	END

Cyst samples for keifer
 * Bottles from 26 = 0.15 + 0.6 were supposed to go to Keifer but were accidentally filtered.
 - bottles from " " of core 4.2 were given to keifer

Erosion log sheet

Temp (C): 19

Experiment Name: OC477-4-2

Date: 10-25-11

Motor #: 2

Experiment start time: 02:43:00 EDT

Operator: Pgt D.

Turb#: 2

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	20	02:43:00	02:45:00	Flushing, No erosion
	5		02:55:00	Subsample
	20		02:57:15	3:05:50 → 2:06:53 → switched tubes to fill chamber
0.05	144	03:12:00	03:12:15	Minor erosion
	24		03:18:00	Subsample
	144		03:21:45	
0.1	139	03:31:00	03:31:15	Minor resuspension
	12		03:39:15	Subsample
	139		03:40:45	
	14		03:47:30	
0.2	143	03:51:00	03:51:10	Minor erosion
	16		03:57:10	Subsample
	137		4:00:40	
0.3	147	04:11:00	04:11:15	
	17		04:19:15	Subsample
	119		04:20:15	

Noticed air bubbles entering chamber bottles too low created a vacuum.
 Core notes: Video indicates some disturbance. Surface lumpy + irregular. Possibly very disturbed
 : Small medium sized worm tubes (1-2mm)

Erosion log sheet

Temp (C): 19

Experiment Name: Oc477-4-2

Date: 10-25-11

Motor #: 2

Experiment start time: 02:43:00

Operator: P₂+0

Turb#: 2

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.45	145	04:31:00	04:31:10	
	23		04:39:15	Subsample
	145		04:40:15	
	134		04:42:00	
0.6	133	04:51:00	04:51:15	
	19		04:59:15	Subsample
	133		05:00:15	
	121		05:01:15	
	21		05:10:20	End
			05:11:20	End

* Bottles from $\tau_s = 0.45 + 0.6$ were accidentally given to Koster & counted for cysts

Erosion log sheet

Temp (C):

Motor #: 2
Turb#: 2

Experiment Name: Oc477-9.1
Experiment start time: 15:32:00

Date: 10-25-11
Operator: Patrick D

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	7	15:32:00	15:34:00	Fishing. No erosion
-	24		15:42:00	Subsample
	7		15:48:00	
0.05	117	16:02:00	16:02:15	Slight resuspension
-	22		16:10:15	Subsample
	117		16:13:15	
0.1	144	16:22:00	16:22:10	Minor resuspension. Aggs + fines
-	23		16:30:10	Subsample
	114		16:31:40	
0.2	113	16:42:00	16:42:10	Some erosion. Many aggregates
-	10		16:50:10	Subsample
	137		16:51:40	Pile in center. Disc buried
0.3	147	17:02:00	17:02:10	
-	14		17:10:10	Sub sample
	143		17:11:10	

Core description - UCV similar to 9.3, rusty brown layer ~ 2 cm thick, minor biology
- edge more drawn down than 9.3 surface kind of rounded - highest point is center
C-243

Effluent for Keeter Cyst counts

Erosion log sheet

Temp (C): 18

Experiment Name: 06477-9-3

Date: 10-25-11

Motor #: (

Experiment start time: 15:32:00 EDT

Operator: Patrick O

Turb#: (

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	3	15:32:00	15:34:00	Flushing. No erosion
	17		15:42:00	Subsample
	3		15:48:00	
0.05	116	16:02:00	16:02:15	Slight resuspension
	20		16:10:15	Subsample
	116		16:13:15	
0.1	139	16:22:00	16:22:10	Resuspension. Mostly aggregates (sand sized)
	1		16:30:10	Subsample
	101		16:31:40	
0.2	107	16:42:00	16:42:10	Active erosion - Aggs + fines
	2		16:50:10	Subsample
	125		16:51:40	Pile in center. Disc buried some chunks eroding from cracked section of surface
0.3	119	17:02:00	17:02:10	Major erosion
	5		17:10:10	Subsample
	127		17:11:10	

Core Description: Added feet to core + slowed descent to 15m/min.
 Very soft sediment ~ 2 cm brown/rusty sediment over grey
 surface looks nice but cracked down center + piled away along ~ 1/2 of edge
 very few worm tubes visible, dead brittle star on surface
 Slight surface silt ~ 3mm

* for Keater Cyst Count
 20µm sieved seawater replacement

Erosion log sheet

Temp (C): 16
 Motor #: 1
 Turb#: 1

Date: 10-26-11
 Operator: Pat P.

Experiment Name: 0c477-22-2
 Experiment start time: 11:59:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	15	11:59:00	12:01:00	Flushing. No erosion
	7		12:07:00	Subsample
	15		12:13:30	
0.05	143	12:29:00	12:29:15	Slight resuspension
	3		12:36:15	Subsample
	143		12:39:15	
0.1	113	12:49:00	12:49:10	Minor erosion. Many aggregates
	14		12:57:10	Subsample
	113		12:58:40	
	10		13:07:00	
0.2	137	13:09:00	13:09:10	
	9		13:18:30	Subsample
	107		13:20:00?	
0.3	139	13:29:00	13:29:10	
	8		13:37:10	Subsample
	101		13:38:10	

* Core Description: Very nice core, slight slope ~ 2mm,
 : No edge disruption
 : Muddy, pelletized (?) surface over sandy mud
 : Small worm tubes
 : Clear water over core

Erosion log sheet

Temp (C): 16

Motor #: 2

Turb#: 2

Date: 10-26-11

Operator: Pat P.

Experiment Name: 06477-22-5

Experiment start time: 11:59:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	17	11:59:00	12:01:00	Flushing. No erosion
	16		12:07:00	Subsample
	17		12:13:30	
0.05	144	12:29:00	12:29:15	Slight resuspension
	22		12:36:15	Subsample
	144		12:39:15	
0.1	116	12:49:00	12:49:10	Some erosion. Mostly fines. Was this material resuspended during collection
	23		12:57:10	Small pile collecting in center Sub sample
	116		12:58:40	
	19		13:07:00	
0.2	147	13:09:00	13:09:10	
	18		13:18:30	Sub sample
	122		13:20:00?	
0.3	143	13:29:00	13:29:10	
	15		13:37:10	Subsample
	119		13:38:10	

*Core description: Small surface slope ~4mm
 Nice core. Minor disruption during coring. Came up with ~20 cm of turbid (~20mg/L?) water with clear above. Material stayed in suspension for 1 hour and looked milky
 No edge disruption
 Similar appearance to 22.1

Erosion log sheet

Temp (C): 16

Experiment Name: OC477-29-1

Date: 10-26-11

Motor #: 2

Experiment start time: 22:55:00 EDT

Operator: Pat O.

Turb#: 2

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	15	22:55:00 EDT	22:57:00	Flushing. No erosion
	10		23:05:00	Subsample
	15		23:11:00	
0.05	132	23:25:00	23:25:45	Minor bedload of aggs + very slight resuspension
	21		23:33:15	Subsample
	132		23:36:15	
0.1	137	23:45:00	23:45:15	Some resusp. No tornado. Mostly fines
	7		23:53:15	Subsample
	137		23:54:45	
	18		00:02:00	
0.2	114	00:05:00	00:05:10	Active erosion. Fines + Aggs in suspension
	11		00:13:10	Subsample
	138		00:14:40	
0.3	140	00:25:00	00:25:10	
	22		00:33:10	Subsample
	127		00:34:10	

* Core description: No evidence of core disruption but slanted surface ~ 2 cm
 Very similar surface texture features to 29-2, also looks same with depth

* Kester cyst count
20 um filtered replacement water

Erosion log sheet

Temp (C): 16

Date: 10-26-11

Motor #: 1

Operator: Pat O.

Turb#: 1

Experiment Name: OC477-29-2

Experiment start time: 22:55:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	14	22:55:00	22:57:00	Flushing. No erosion
	5		23:05:00	Subsample
	14		23:11:00	
0.05	129	23:25:00	23:25:15	Minor bedload of Aggregates very slight resuspension
	12		23:33:15	Subsample
	129		23:36:15	
0.1	107	23:45:00	23:45:15	Resuspension, tight tornado in center
	6		23:53:15	Minor aggregates
	107		23:54:45	Subsample
	16		00:02:00	
0.2	101	00:05:00	00:05:10	Major Erosion. Tornado. Large cags. eroded
	8		00:13:10	Subsample
	136		00:14:40	Turb spikes from big aggs, worms...
0.3	139	00:25:00	00:25:10	Major erosion. Scour pits
	20		00:33:10	Subsample
	102		00:34:10	

* Core Description: Almost perfect core! Very slight surface slope ~ 1mm
No evidence of disturbance.

Small worm tubes
Brown sediment at top of core becoming gray with depth

20 um sieved replacement water

Erosion log sheet

Temp (C): 14

Motor #: 2

Turb#: 2

Experiment Name: OC477.42-1

Date: 10-27-4

Experiment start time: 21:02:00 EDT

Operator: Pgt D.

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	17	21:02:00	21:04:15	Flushing. No erosion
	21		21:14:20	Subsample
	17		21:20:20	
0.05	140	21:32:00	21:32:15	No resuspension
	12		21:40:20	subsample
	140		21:43:20	
0.1	122	21:52:00	21:52:15	Minor resuspension of fines + bedload of eggs
	24		22:00:15	Subsample
	122		22:00:45	
	6		22:07:00	
0.2	119	22:12:00	22:12:10	Resuspension of fines + small eggs.
	19		22:20:10	Subsample
	138		22:21:40	
0.3	129	22:32:00	22:32:10	
	20		22:40:10	Subsample
	145		22:41:10	

Core description: Undisturbed core proven by video. No edge disturbance
Slight surface slope ~ 4mm
Slightly lumpy surface
Many small worms
3 mm x 6 mm groove in core surface observed in video prior to core touchdown

See data file note from 42-2

★ Keifer cyst count core
 20.6m sieved replacement water

Erosion log sheet

Temp (C): 14
 Motor #: 1
 Turb#: 1

Date: 10-27-2011
 Operator: PatD

Experiment Name: OC477-42.2
 Experiment start time: 21:02:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	10	21:02:00	21:04:15	Flushing. No erosion
	7		21:14:20	Subsample
	10		21:20:20	
0.05	137	21:32:00	21:32:15	Slight resuspension
	11		21:40:20	sub sample
	137		21:43:20	
0.1	121	21:52:00	21:52:15	Minor resuspension of fines. Bedload of eggs
	22		22:00:15	subsample
	121		22:00:45	
	2		22:07:00	
0.2	116	22:12:00	22:12:10	Resuspension of fines + small eggs
	18		22:20:10	Subsample
	132		22:21:40 22:21:40	File in center
0.3	114	22:32:00	22:32:10	
	8		22:40:10	Subsample
	107		22:41:10	

★ core description: Undisturbed core. Proven by video.
 Some surface slope ~ 5mm
 Slightly lumpy surface
 many small worms
~~Disturbance~~ No edge disturbance

★ forgot to move prev. data file.
 ★ 1st part of step 1 at end of old data file (OC477-29-42 part). Started new data file. Combine for processing

Erosion log sheet

Temp (C): 15

Experiment Name: OC477-52-2

Date: 11.3.11

Motor #: 2

Experiment start time: 14:36:00 EDT

Operator: Pat D

Turb#: 2

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	15	14:36:00	14:38:10	
	10		14:46:10	Subsample
	15		14:52:10	
0.05	134	15:06:00	15:06:15	No erosion
	16		15:14:15	Sub sample
	134		15:17:15	
0.1	121	15:26:00	15:26:15	Minor resuspension
	11		15:34:15	sub sample
	121		15:35:45	
	13		15:41:15	
0.2	146	15:46:00	15:46:10	Resuspension of finest small aggs
	20		15:54:10	Subsample
	145		15:55:40	
0.3	137	16:06:00	16:06:10	
	6		16:14:10	Sub sample
	138		16:15:10	

Core description: Heavy scars, different coring. 15 ml/min descent

2 large cracks form V in surface - ~ 4mm x 6cm each

Edge disruption ~ 1/2 of perimeter. Slight surface slope ~ 2mm

Video indicated sediment blown away on landing, bubbled a few times on deck but didn't resuspend much.

Many worm tubes + other biology

* Cyst core for heater

* Computer 1 hour behind - exactly
- reset before starting

Erosion log sheet

Experiment Name: 06477-52-1
Experiment start time: 14:36:00 EDT

Date: 11-3-11
Operator: Pat D

Temp (C): 15
Motor #: 1
Turb#: 1

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	12	14:36:00	14:38:10	
	5		14:46:10	Subsample
	12		14:52:10	
0.05	133	15:06:00	15:06:15	No Erosion
	9		15:14:15	Subsample
	133		15:17:15	
0.1	117	15:26:00	15:26:15	Minor resuspension
	4		15:34:15	Subsample
	117		15:35:45	
	8		15:41:15	
0.2	140	15:46:00	15:46:10	Resuspension of fines + small eggs
	3		15:54:10	Subsample
	144		15:55:40	
0.3	133	16:06:00	16:06:10	
	2		16:14:10	Subsample
	135		16:15:10	

* core description: Coring in heavy seas ~ 8 ft 10 s, 15 min descent

Video indicated good landing. Edge disruption + cracking must be from pullout.
2 cracks across core surface + minor to moderate edge disruption ~ 3/4 of perimeter
Slight surface slope ~ 2mm. Some worn tubes + other biology

Erosion log sheet

Temp (C): 14

Experiment Name: OC477.54-1

Date: 10-28-11

Motor #: 2

Experiment start time: 21:51:00 EDT

Operator: Pat D

Turb#: 2

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	9	21:51:00	21:53:15	Flashing. No erosion
	17		22:01:15	Subsample
	9		22:07:15	
0.05	127	22:21:00	22:21:15	No resuspension
	20		22:29:15	Subsample
	127		22:32:15	
0.1	132	22:41:00	22:41:15	Resuspension bedload of pellets & fines
	22		22:49:15	Subsample
	12		22:57:00	
0.2	139	23:01:00	23:01:40	Erosion. Diffuse torus.
	21		23:09:10	Subsample
	114		23:10:40	
0.3	137	23:21:00	23:21:10	
	14		23:29:10	Subsample
	120		23:30:10	

Core description: Minor surface slope - 5mm

Somewhat irregular surface - lumps, grooves, burrows - looks biological

Small worm tubes

Video showed no disruption while coring

No edge disruption

* Cyst count - keefer
20um filtered replacement water

Erosion log sheet

Temp (C): 14

Experiment Name: OC477-54-2

Date: 10:28-11

Motor #: 1

Experiment start time: 21:51:00 EDT

Operator: Pat O

Turb#: 1

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	7	21:51:00	21:53:15	Flushing, No erosion
	10		22:01:15	Subsample
	7		22:07:15	
0.05	113	22:12:00	22:21:15	Very slight resuspension
	11		22:29:15	Subsample
	113		22:32:15	
0.1	121	22:41:00	22:41:15	Resuspension + bedload of pellets + fines
	18		22:49:15	Subsample
	8		22:57:00	Pile in center.
0.2	138	23:01:00	23:01:10	Erosion. Diffuse turbid. Minor mass erosion
	5		23:09:10	Subsample
	107		23:00:40	
0.3	135	23:21:00	23:21:10	
	13		23:29:10	sub sample
	101		23:30:10	

* Core description: ~~Minor surface slope ~ 3-4mm. Some small turps on surface.~~ No obvious disturbance. No edge disruption.
Minor surface slope ~ 3-4mm. Some small turps on surface.
Small brittle star
Very few worms or tubes
Small disturbance while handling. Bubble came out of sediment + suspended small amount of sed. Some of this lost while extending ~ 2L?

* Cyst core for keifer

Erosion log sheet

Temp (C): 15

Experiment Name: 06477-71-3

Date: 11-2-11

Motor #: 1

Experiment start time: 23:10:00 EDT

Operator: Pat D.

Turb#: 1

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	14	23:10:00	23:12:10	Flushing. No erosion
	18		23:20:10	Subsample
	14		23:26:10	
0.05	107	23:40:45	23:44:05	No resuspension.
	2		23:49:25	Subsample
	107		23:52:25	
0.1	136	00:00:00	00:00:15	Some resusp. + bedload.
	4		00:08:15	Sub sample
	136		00:09:45	
	12		00:16:00	
0.2	127	00:20:00	00:20:10	Resuspension. Mostly fines or small aggs
	17		00:28:10	Subsample
	113		00:29:40	Pile of aggs accumulating in center
0.3	141	00:40:00	00:40:10	Bed scarring in places were no obvious fault was
	3		00:48:10	Subsample
	101		00:49:10	

Cone description: Difficult coring due to swell. Increased core. Descend to 15m/min
 Nice core. Minor surface slope + slight dome
 Crack in center ~ 4mm x 2.5 cm ^{in 2mm}
 Mostly smooth to slightly lumpy core surface
 Few worm tubes. 3 branch like hydrooid thing

Erosion log sheet

Temp (C): 15

Experiment Name: O477-71.4

Date: 11-2-11

Motor #: 2

Experiment start time: 23:10:00 EDT

Operator: Pat O.

Turb#: 2

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	15	23:10:00	23:12:10	Flushing. No erosion
	24		23:20:10	Sub sample
	15		23:26:10	
0.05	117	23:40:45	23:41:05	No resuspension
	7		23:49:25	Sub sample
	107		23:52:25	
0.1	146	00:00:00	00:00:15	Some resusp. + bedload
	11		00:08:15	Subsample
	146		00:09:45	
	13?		00:16:00	
0.2	140	00:20:00	00:20:10	Suspension of fines + small eggs
	20		00:28:10	Sub sample
	135		00:29:40	Pile accumulating in center
0.3	144	00:40:00	00:40:10	Bed scouring along disrupted edge
	19		00:48:10	sub sample
	133		00:49:10	

* Core description: Cored at 15 m/min. Some cracking on surface + edge disruption of ~ 1/3 of core edge otherwise very similar appearance to 71-3

* Keater Cyst Count
 20 um filtered seawater replacement water

Erosion log sheet

Temp (C): 14
 Motor #: |
 Turb#: |

Experiment Name: Oe477-73-1
 Date: 10-29-11
 Operator: Pat D.
 Experiment start time: 14:39:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	3	14:39:00	14:41:15	Flushing. No erosion.
	7		14:49:15	Subsample
	3		14:56:00	
0.05	133	15:09:00	15:09:15	Resuspending off what looks like dead copepods. Few slight bedload
	14		15:17:15	Subsample
	133		15:20:15	
0.1	144	15:29:00	15:29:15	Minor resuspension of fine material. Looks similar to turbid suspended material on recovery
	12		15:37:15	Subsample
	144		15:38:45	
	20		15:45:10	
0.2	114	15:49:00	15:49:10	
	6		15:57:10	Subsample
	136		15:58:40	
0.3	134	16:09:00	16:09:10	
	11		16:17:10	Subsample
	107		16:18:10	

* Core description: Nice core. Video showed some resuspension during coring due to current drag around core barrel. Slight surface slope ~2mm smooth to slightly lumpy surface. Few worm tubes. No edge disturbance. ~4mm thick layer of turbid water upon recovery. Maybe ~~due~~ from resusp. during coring or small bubble during recovery.

Erosion log sheet

Temp (C): 14

Experiment Name: OC477-73-2

Date: 10-29-11

Motor #: 2

Experiment start time: 14:39:00 EDT

Operator: Pat D

Turb#: 2

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	9	14:39:00	14:41:15	Flushing. No erosion
	10		14:49:15	Subsample
	9		14:56:00	
0.05	145	15:09:00	15:09:15	
	18		15:17:15	Subsample
	145		15:20:15	
0.1	120	15:29:00	15:29:15	Minor resuspension
	13		15:37:15	Subsample
	120		15:38:45	
	21		15:45:10	
0.2	132	15:49:00	15:49:10	
	8		15:57:10	Subsample
	137		15:58:40	
0.3	139	16:09:00	16:09:10	
	22		16:17:10	Subsample
	135		16:18:10	

Core description: Video shows no disturbance during coring. Moderate surface slope ~ 6mm. No edge disruption. Mostly smooth surface. Few worn tubes. ~ 1cm thick turbid layer upon recovery prob. due to small bubbles during recovery

* Cyst core for Keenan

Erosion log sheet

Temp (C): 15

Date: 11-1-11

Motor #: 1

Operator: PatD

Turb#: 1

Experiment Name: OC477-97-1

Experiment start time: 11:10:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	12	11:10:00	11:12:15	Flushing. No erosion
	16		11:20:15	Subsample
	12		11:26:15	
0.05	140	11:40:00	11:40:15	No resuspension
	9		11:46:15	Subsample
	140		11:49:15	
0.1	127	00:00:05	00:00:15	Minor resuspension
	6		00:08:15	Subsample
	127		00:09:45	
	13		00:11:30	Switched tubes + slowed pumping rate for ~30 sec to make sure core had enough suction
0.2	135	00:20:00	00:20:10	Resuspension. Fines or small eggs
	5		00:28:10	Subsample
	120		00:29:40	
0.3	139	00:40:00	00:40:10	Resuspension + bedload. Pile collection in center
	21		00:48:10	Subsample
	107		00:49:10	

* Core Description: No core disruption shown in video. Very nice core
 Very little surface slope ~ 1-2mm but slightly domed surface
 Lots of worm tubes, hydroids... rough biological surface with smooth sediment around.
 Sampled toward end of ebb tide

Erosion log sheet

Temp (C): 15

Motor #: 2

Turb#: 2

Date: 11-1-11

Operator: Pat D

Experiment Name: OC477-97-2

Experiment start time: 11:10:00 EDT

Applied Stress (Pa)	Bottle No.	Step start time	Bottle start time	Comments
0.01	14	11:10:00	11:12:15	Flushing. No erosion.
	17		11:20:45	Subsample.
	14		11:26:15	
0.05	145	11:40:00	11:40:15	No resuspension
	11		11:46:15	Subsample
	145		11:49:15	
0.1	132	00:00:05	00:00:15	Minor resuspension
	7		00:08:15	Subsample
	132		00:09:45	
	23		00:16:30	
0.2	137	00:20:00	00:20:10	Resuspension
	8		00:28:10	Subsample
	125		00:29:40	
0.3	143	00:40:00	00:40:10	Resuspension bedload - pile collecting in center
	22		00:48:10	Subsample
	138		00:49:10	

Core description: No disruption shown in video. Very nice core.

Very similar surface to core 97-1. More biological roughness elements than 97-1

Slight resuspension during piston insertion. Then ~ 2mm milky looking suspension over ~ 1/4 of core. Don't

see source of suspension.

