

Proble/Botta erosion Experiment +

4/18/08  
Claybank Channel Anchor-station -  
(~~B~~ SLICE - MAX EAB)

ON BOARD % Elis Olsson Capt Wayne  
Reiser, Crew Grace Cantu-plot

Anchor upstream of Paval's sediment  
grab site used for Microcosm  
Erosion study. Sample EVERY 15 min  
for > 10 min while proble resting  
on Botta. TSS samples taken @ each  
"Burst"

Left Dock 0830 EST

Samples 34498 - 34514

for April 15-18 2008  
Sensors on Proflex

CMAB

LISST <sup>100x</sup> (1339 V20609)

16.5

OBS (11675 V16608)

16

CTD YSI 6600 (07B1391 V20490)

18

ADV (B338 V20360)

34

(F446 V20366)

Intake pump

15

ADCP 1200 kHz (SN 602)

703-963-0636  
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Date 4/18/08

Cruise Clamback Channel Anchor Station  
(on Bottom Slack → MAR EBS) 4080418

Station	start time	latitude	longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	End Time	Comment
S4498	0933	20.825	36.947	12.19	001	✓	✓	✓	B4498	11.92	095035		
S4499	0953	20.823	36.947	12.03	002	✓	✓	✓	B4499	11.88	101436		
S4500	1015	20.823	36.947	11.85	003	✓	✓	✓	B4500	11.77	102154		Slack.
S4501	1136	20.815	36.933	11.88	004	✓	✓	✓	B4501	11.37	104156	1043	Boat swinging around
S4502	1145	20.814	36.938	11.74	005	✓	✓	✓	B4502	11.36	105155	1056	
S4503	1059	20.812	36.934	11.79	006	✓	✓	✓	B4503	11.29	110631	1114	
S4504	1115	20.812	36.933	11.80	007	✓	✓	✓	B4504	11.32	112359	1126	Upstart cable pulled out
S4505	1129	20.811	36.933	11.71	008	✓	✓	✓	B4505	11.27	113716	1143	Prep LISST
S4506	SKIP	THIS SATEL				-	-	-					Get problem
S4507	1150	20.812	36.931	11.71	009	✓	✓	✓	B4507	11.33	115210	1157	LISST MAXED OUT
S4508	1200	20.813	36.927	11.73	010	✓	✓	✓	B4508	11.26	121130	1214	
S4509	1216	20.811	36.925	11.76	011	✓	✓	✓	B4509	11.22	122600	1229	
S4510	1230	20.812	36.928	11.70	012	✓	✓	✓	B4510	11.18	123639	1244	
S4511	1245	20.812	36.928	11.64	013	✓	✓	✓	B4511	11.14	125302	1239	
S4512	1300	20.811	36.928	11.60	014	✓	✓	✓	B4512	11.08	131006	1314	
S4513	1315	20.811	36.925	11.61	015	✓	✓	✓	B4513	11.06	132344	1329	Verify LISST values
S4514	1330	20.812	36.930	11.56	016	✓	✓	✓	B4513	11.06	LISST	1333	
7 NOT	on Bottom!					✓	✓	✓	10.26 m depth to verify LISST with seabed not! (LISST OK!)				

COMMENTS \* Allowed Boat to reorientate Bow into current!  
 \*\* High OBS!!  
 NOT TUNING D.T.Y goes very low sometimes --- slow wiper  
 cups?? (good Ant!)