

Acropak-200 Cast Sheet

FULL STATION

Station # Station 17
 Deep, Mid, Shallow, Shallow
 Cast # Cast 5
 Event # 4218
 Date 11/19/13
 ODF Salinity Box F
 ODF Nutrients Rack Bwe

Sampling Order

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Resing - Al 100 mL
 Resing - Mn 100 mL
 Saito, CO no headspace 2 x 60mL
 Shiller - Ga 125 mL
~~Moffett - Fe(II) 30 mL~~
 Sedwick - dFe 2 x 125mL
 Barbeau - Cu sp freeze 450 mL
 Buck - Fe sp freeze 450 mL
 Bruland - metals 500 mL
 ✓ Wu - metals 500 mL
 ✓ Wu - colloids 500 mL
 ✓ Flegal - Pb shallow 1000 mL
~~Boyle - Pb mid/deep 2000 mL~~
 ✓ John - isos shallow 4000 mL
~~John - isos mid/deep 1000 mL~~

Geotraces 8310

Acropak: MOE
 Sampler: CZ
 Depth: 600
 Caro Pos: 1
 Btl #: 41
 Notes:

Geotraces 8312

Acropak: MOE
 Sampler: CZ
 Depth: 500
 Caro Pos: 3
 Btl #: 45
 Notes:

Geotraces 8314

Acropak: MOE
 Sampler: CZ
 Depth: 450
 Caro Pos: 5
 Btl #: 47
 Notes:

Geotraces 8316

Acropak: MOE
 Sampler: CZ
 Depth: 385
 Caro Pos: 7
 Btl #: 49
 Notes:

Geotraces 8318

Acropak: MOE
 Sampler: CZ
 Depth: 350
 Caro Pos: 9
 Btl #: 51
 Notes:

Geotraces 8320

Acropak: MOE
 Sampler: CZ
 Depth: 300
 Caro Pos: 11
 Btl #: 15
 Notes:

Geotraces 8322

Acropak: APU
 Sampler: CP
 Depth: 250
 Caro Pos: 13
 Btl #: 17
 Notes:

Geotraces 8324

Acropak: APU
 Sampler: CP
 Depth: 250
 Caro Pos: 15
 Btl #: 27
 Notes: Whale fat??
Ran out of!!!

Geotraces 8326

Acropak: APU
 Sampler: CP
 Depth: 130
 Caro Pos: 17
 Btl #: 9
 Notes:

Geotraces 8328

Acropak: APU
 Sampler: CP
 Depth: 80
 Caro Pos: 19
 Btl #: 34
 Notes:

Geotraces 8330

Acropak: APU
 Sampler: CP
 Depth: 50
 Caro Pos: 21
 Btl #: 35
 Notes:

Geotraces 8332

Acropak: APU
 Sampler: CP
 Depth: 20
 Caro Pos: 23
 Btl #: 39
 Notes:

✗ For 8324 - missed
 Wu - metals
 Wu - colloids
 Flegal
 John

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 0921

Station/Cast: Station 17 Cast 5

GT Event #: 4218

11/19/13

UTC End: 1020

Shallow/Mid/Deep
(circle one)

Nuts Rack: Blue

Samplers:

Notes:

Salts Rack: E

LR/RS/SR

Geotraces #:	Geotraces 8311	Geotraces 8313	Geotraces 8315	Geotraces 8317	Geotraces 8319	Geotraces 8321	Geotraces 8323	Geotraces 8325	Geotraces 8327	Geotraces 8329	Geotraces 8331	Geotraces 8333
GoFlo Number:	12	14	20	22	32	38	40	42	44	46	48	50
Depth (m):	600	500	450	385	350	300	250	250 175	130 125	80	50	20
Filter Holder #:	12	11	10	9	8	7	6	5	4	3	2	1
Filter diameter:	25mm											→
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)

Waste:	7.80	7.66	7.59	7.60	7.44	7.78	5.20	7.54	7.71	1.93	1.76	1.04
Drawn:	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375
Total:	10.175	10.035	9.965	9.975	9.815	10.155	7.575	9.915	10.085	4.305	4.135	3.415
Start Time:	1131	1130	1128	1120	1124	1123	1122	1121	1119	1118	1117	1116
End Time:	1313	1308 13	1306 13	1306 13	1256	1313	1322	1256	1314	1318	1318	1313 1318

- Supor Membrane 0.45 µm

Sampling Order:	
Redox:	
Pressurize	
Cutter (S)	2 x 60mL (Syr.)
Cutter (I)	2 x 60mL (Syr.)
Moffett(Fe)	2 x 60mL (Syr.)
Unfiltered:	
ODF Nuts	1 x 30mL
ODF Salts	1 x 250mL
Shake	
Twining-Surface	1 x 2000mL
Twining-DCM	1 x 250mL
Part. Membrane:	
Hammerschmidt (Hg)	1 x 2000mL
Lamborg (T. Hg)	1 x 250mL
Cutter (Nnuts)	1 x 125mL
Cutter (As/Sb)	1 x 250mL
Cutter (Se)	1 x 1190mL

Notes: **All filtered volume is 3.815L 2.375L

*# 8323 (GoFlo # 40) - Dripped very slow compared to those other close depths

8333
8329

12/13/13: J Moffett says no Fe 2 syringes collected on this cast. MCF (sample log/dbase updated)