

Acropak-200 Cast Sheet**DEMI STATION**

Station # Station 16
 Deep, Mid, Shallow shallow
 Cast # Cast 1
 Event # 4204
 Date 11/18/13
 ODF Salinity Box B
 ODF Nutrients Rack BWE

Sampling Order*Pressurize GoFlo*

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Casciotti - NO₃⁻ - freeze 3x100 mL
 Casciotti - to Brian P ASAP 100 mL
 Resing - Al 100 mL
 Resing - Mn 100 mL
 Saito - CO no headspace 2 x 60mL
 Shiller - Ga 125 mL
~~Moffet - Fe(II) 60mL~~
 Bruland - metals 500 mL
 Flegal - Pb sometimes 1000 mL
~~Boyle - Pb sometimes 500 mL~~

Geotraces 8216

Acropak: Moe
 Sampler: CZ
 Depth: 1000
 Caro Pos: 1
 Btl #: 35
 Notes:

Geotraces 8218

Acropak: Moe
 Sampler: CZ
 Depth: 800
 Caro Pos: 3
 Btl #: 39
 Notes:

Geotraces 8220

Acropak: Moe
 Sampler: CZ
 Depth: 600
 Caro Pos: 5
 Btl #: 41
 Notes:

Geotraces 8222

Acropak: Moe
 Sampler: CZ
 Depth: 400
 Caro Pos: 7
 Btl #: 45
 Notes:

Geotraces 8224

Acropak: Moe
 Sampler: CZ
 Depth: 350
 Caro Pos: 9
 Btl #: 47
 Notes:

Geotraces 8226

Acropak: Moe
 Sampler: CZ
 Depth: 295
 Caro Pos: 11
 Btl #: 49
 Notes:

Geotraces 8228

Acropak: Abu
 Sampler: CP
 Depth: 250
 Caro Pos: 13
 Btl #: 51
 Notes:

Geotraces 8230

Acropak: Abu
 Sampler: CP
 Depth: 170
 Caro Pos: 15
 Btl #: 15
 Notes:

Geotraces 8232

Acropak: Abu
 Sampler: CP
 Depth: 125
 Caro Pos: 17
 Btl #: 17
 Notes:

Geotraces 8234

Acropak: Abu
 Sampler: CP
 Depth: 90
 Caro Pos: 219
 Btl #: 27
 Notes:

Geotraces 8236

Acropak: Abu
 Sampler: CP
 Depth: 60
 Caro Pos: 21
 Btl #: 9
 Notes:
 DCM

Geotraces 8238

Acropak: Abu
 Sampler: CP
 Depth: 20
 Caro Pos: 23
 Btl #: 34
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/18/13
 UTC Start: 0535
 UTC End: 0647

Station/Cast: Station 16 Cast 1	GT Event #: 4204					Sample Date: 11/18/13			UTC Start: 0535			UTC End: 0647
Dem. <u>Shallow</u> /Mid/Deep (circle one)	Nuts Rack: Blue					Samplers: LR1RS1SR		Notes:				
	Salts Rack: B											
Geotraces #:	Geotraces 8217	Geotraces 8219	Geotraces 8221	Geotraces 8223	Geotraces 8225	Geotraces 8227	Geotraces 8229	Geotraces 8231	Geotraces 8233	Geotraces 8235	Geotraces 8237	Geotraces 8239
GoFlo Number:	12	14	20	22	32	38	40	42	44	46	48	50
Depth (m):	1000	800	600	400	350	295	250	170	125	90	60	20
Filter Holder #:	24	23	22	21	20	19	18	17	16	15	14	13
Filter diameter:	25mm											17
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)	8.38					DCM						
Waste:	7.54	5.20	8.16	8.28	7.01	8.08	7.55	7.69	6.70	4.22	2.16	1.35
Drawn:	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.875	2.375	2.375
Total:	9.915	7.575	10.535	10.655	9.385	10.755	9.928	10.065	9.075	6.595	4.535	3.725
Start Time:	0735	0734	0732	0731	0730	0729	0728	0726	0725	0724	0723	0722
End Time:	0935	0935	0930	0923	0930	0921	0928	0926	0923	0925	0925	0923

- 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

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3.815L ~~2.575~~
 2.375L

Note: All B bottles (Go-Flos) this cast

8239
 8237