

Acropak-200 Cast Sheet

SUPER STATION

Station # Station 18
 Deep, Mid, Shallow, Deep #2
 Cast # Cast 14
 Event # 4246
 Date 11/22/13
 ODF Salinity Box A
 ODF Nutrients Rack Black

Sampling Order

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 unfiltered - Resing
 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 900 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
 Cutter - As/Sb 250 mL

*only 8581
 8583
 8585
 8587

Geotraces 8581

Acropak: Anthony
 Sampler: CZ
 Depth: 2625
 Caro Pos: 1
 Btl #: 45
 Notes:

Geotraces 8583

Acropak: Anthony
 Sampler: CZ
 Depth: 2625
 Caro Pos: 3
 Btl #: 49
 Notes:

Geotraces 8585

Acropak: Anthony
 Sampler: CZ
 Depth: 2550
 Caro Pos: 5
 Btl #: 15
 Notes:

Geotraces 8587

Acropak: Anthony
 Sampler: CZ
 Depth: 2500
 Caro Pos: 7
 Btl #: 41
 Notes:

Geotraces 8589

Acropak: Anthony
 Sampler: CZ
 Depth: 2475
 Caro Pos: 9
 Btl #: 17
 Notes:

Geotraces 8591

Acropak: Anthony
 Sampler: CZ
 Depth: 2450
 Caro Pos: 11
 Btl #: 50
 Notes:

Geotraces 8593

Acropak: Cleopatra
 Sampler: CP
 Depth: 2425
 Caro Pos: 13
 Btl #: 9
 Notes:

Geotraces 8595

Acropak: Cleopatra
 Sampler: CP
 Depth: 2400
 Caro Pos: 15
 Btl #: 34
 Notes:

Geotraces 8597

Acropak: Cleopatra
 Sampler: CP
 Depth: 2375
 Caro Pos: 17
 Btl #: 35
 Notes:

Geotraces 8599

Acropak: Cleopatra
 Sampler: CP
 Depth: 2350
 Caro Pos: 19
 Btl #: 39
 Notes:

Geotraces 8601

Acropak: Cleopatra
 Sampler: CP
 Depth: 2325
 Caro Pos: 21
 Btl #: 51
 Notes:

Geotraces 8603

Acropak: Cleopatra
 Sampler: CP
 Depth: 2300
 Caro Pos: 23
 Btl #: 28
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/22/13
 UTC Start: 1847
 UTC End: 2055

Station/Cast: Station 18 Cast 14	GT Event #: 4246						Shallows: LR18/SR			Notes:		
Shallow/Mid/Deep #2 (circle one)	Nuts Rack: Black						Salts Rack: A					
Geotraces #:	Geotraces 8582	Geotraces 8584	Geotraces 8586	Geotraces 8588	Geotraces 8590	Geotraces 8592	Geotraces 8594	Geotraces 8596	Geotraces 8598	Geotraces 8600	Geotraces 8602	Geotraces 8604
GoFlo Number:	12	14	20	22	32	38	40	42	44	27	48	26
Depth (m):	2625	2625	2550	2500	2475	2450	2425	2400	2375	2350	2325	2300
Filter Holder #:	26	25	24	23	22	21	20	19	18	17	16	15
Filter diameter:	25mm											→
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)

Waste:	7.61	7.52	7.49	7.54	7.24	7.43	7.76	1.23	7.78	6.51	7.58	7.40
Drawn:	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.375	2.25	2.25	2.25	2.25
Total:	9.86	9.77	9.74	9.79	9.49	9.68	10.01	3.605	10.03	8.76	9.83	9.65
Start Time:	2210	2136	2151	2152	2154	2157	2158	2200	2202	2204	2205	2206
End Time:	2439	2310	2339	2335	2337	2335	2350	2236	2353	2353	2348	2343

*(A)

Supor Membrane 0.45 μm

Notes: **All filtered volume is 3.815L 2.25L

*8596 - New filter after Hg samples } dFe - Sedwick 125ml
 (B) FH 12 TV = } from each X3
 (C) FH 14 TV = } filter holder samples

⊖ - Flo #27 leaked ~ 1.0L while being sampled.

Taken on Aeropak side

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