

Acropak-200 Cast Sheet

SUPER STATION

Station # Station 1 - 02514
 Deep, Mid, Shallow, mid
 Cast # 14
 Event # 4026
 Date 10/31/13
 ODF Salinity Box F
 ODF Nutrients Rack Black

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 - Fe 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 250mL

Geotraces 2216

Acropak: A
 Sampler: CZ
 Depth: 3200
 Caro Pos: 1
 Btl #: 5
 Notes:

Geotraces 2218

Acropak: A
 Sampler: CZ
 Depth: 2800
 Caro Pos: 3
 Btl #: 7
 Notes:

Geotraces 2220

Acropak: A
 Sampler: CZ
 Depth: 2400
 Caro Pos: 5
 Btl #: 11
 Notes:

Geotraces 2222

Acropak: A
 Sampler: CZ
 Depth: 2000
 Caro Pos: 7
 Btl #: 13
 Notes:

Geotraces 2224

Acropak: A
 Sampler: CZ
 Depth: 1600
 Caro Pos: 9
 Btl #: 19
 Notes:

Geotraces 2226

Acropak: A
 Sampler: CZ
 Depth: 1200
 Caro Pos: 11
 Btl #: 21
 Notes:

Geotraces 2228

Acropak: B
 Sampler: CP
 Depth: 2100
 Caro Pos: 13
 Btl #: 29
 Notes:

Geotraces 2230

Acropak: B
 Sampler: CP
 Depth: 800
 Caro Pos: 15
 Btl #: 31
 Notes:

Geotraces 2232

Acropak: B
 Sampler: CP
 Depth: 675
 Caro Pos: 17
 Btl #: 33
 Notes:

Geotraces 2234

Acropak: B
 Sampler: CP
 Depth: 550
 Caro Pos: 19
 Btl #: 37
 Notes:

Geotraces 2236

Acropak: B
 Sampler: CP
 Depth: 450
 Caro Pos: 21
 Btl #: 1
 Notes:

Geotraces 2238

Acropak: B
 Sampler: CP
 Depth: 375
 Caro Pos: 23
 Btl #: 3
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 10/31/13
 UTC Start: 0723
 UTC End: 1013

Station/Cast: Static Cast 14 GT Event #: 4026

Shallow/Mid/Deep
 (circle one)

Nuts Rack: Black
 Salts Rack: F

Samplers: LR/RS/SR

Notes:

Geotraces #:	Geotraces 2217	Geotraces 2219	Geotraces 2221	Geotraces 2223	Geotraces 2225	Geotraces 2227	Geotraces 2229	Geotraces 2231	Geotraces 2233	Geotraces 2235	Geotraces 2237	Geotraces 2239
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	3200	2800	2400	2000	1600	1200	1000	800	675	550	450	375
Filter Holder #:	1	2	3	4	5	6	7	8	9	10	11	12
Filter diameter:	25mm											
Filtered Volume (L)	2	4	6	8	10	12	14	16	18	20	22	24
Waste:	6.0	6.41	5.90	6.72	6.56	6.53	6.24	6.78	6.24	6.90	6.64	6.40
Drawn:	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44
Total:	9.44	9.85	9.34	10.16	10.00	9.97	9.68	10.22	9.64	10.34	10.08	9.84
Start Time:	11:10	11:10	11:20	11:20	11:30	11:30	11:35	11:35	11:35	11:40	11:45	11:45
End Time:	1:10	1:15	1:25	1:30	1:30	1:35	1:37	02:10	01:40	1:45	02:00	02:05

Caro. pos #

Waste:	6.0	6.41	5.90	6.72	6.56	6.53	6.24	6.78	6.24	6.90	6.64	6.40
Drawn:	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44
Total:	9.44	9.85	9.34	10.16	10.00	9.97	9.68	10.22	9.64	10.34	10.08	9.84
Start Time:	11:10	11:10	11:20	11:20	11:30	11:30	11:35	11:35	11:35	11:40	11:45	11:45
End Time:	1:10	1:15	1:25	1:30	1:30	1:35	1:37	02:10	01:40	1:45	02:00	02:05

Supor Membrane 0.45 μm 9.49L 9.66

Notes: **All filtered volume is 3.815L-

3.4402 (Hg 2000 + Hg 250 + Se 1190)
 #2231 Filter has lighter circle 5mm diameter, strange. Jelly?
 #2223 Particles disturbed on one edge of filter on filter removal.
 Overall excellent distribution and no filter wrinkled.

* Note added 12/13 - MCT:

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

3150
 250
 3440

Moff. Fe(II) syr, only coll. on GEOT #5
 3200 m + 375m samples 2217 + 2239