

Acropak-200 Cast Sheet

DEMI STATION

Station # Station 8
 Deep, Mid, Shallow shallow
 Cast # Cast 1
 Event # 4100
 Date 11/7/13
 ODF Salinity Box B
 ODF Nutrients Rack green

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 1/2 x 60mL
 Shiller - Ga 125 mL
 Moffet - Fe(II) 60mL
 Bruland - metals 500 mL
 Flegal - ~~Pb sometimes~~ 1000 mL
 Boyle - Pb sometimes 500 mL
 Parker/Hawco-CO 125mL

Geotraces 3269

Acropak: B3
 Sampler: CZ
 Depth: 1000
 Caro Pos: 1
 Btl #: 19
 Notes:

Geotraces 3271

Acropak: B3
 Sampler: CZ
 Depth: 800
 Caro Pos: 3
 Btl #: 21
 Notes:

Geotraces 3273

Acropak: B3
 Sampler: CZ
 Depth: 625
 Caro Pos: 5
 Btl #: 29
 Notes:

Geotraces 3275

Acropak: B3
 Sampler: CZ
 Depth: 450
 Caro Pos: 7
 Btl #: 31
 Notes:

Geotraces 3277

Acropak: B3
 Sampler: CZ
 Depth: 325
 Caro Pos: 9
 Btl #: 33
 Notes:

Geotraces 3279

Acropak: B3
 Sampler: CZ
 Depth: 280
 Caro Pos: 11
 Btl #: 37
 Notes:

Geotraces 3281

Acropak: D3
 Sampler: CP
 Depth: 225
 Caro Pos: 13
 Btl #: 1
 Notes:

Geotraces 3283

Acropak: D3
 Sampler: CP
 Depth: 1100
 Caro Pos: 15
 Btl #: 3
 Notes:

Geotraces 3285

Acropak: D3
 Sampler: CP
 Depth: 125
 Caro Pos: 17
 Btl #: 5
 Notes:

Geotraces 3287

Acropak: D3
 Sampler: CP
 Depth: 100
 Caro Pos: 19
 Btl #: 7
 Notes:

Geotraces 3289

Acropak: D3
 Sampler: CP
 Depth: 50
 Caro Pos: 21
 Btl #: 11
 Notes:

Geotraces 3291

Acropak: D3
 Sampler: CP
 Depth: 20
 Caro Pos: 23
 Btl #: 13
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/7/13
 UTC Start: 1529
 UTC End: 1634

Station/Cast: 518 / CH1
 GT Event #: 4100
 Shallow/Mid/Deep (circle one) Demi
 Nuts Rack: 8 green
 Salts Rack: ~~green~~ B
 Samplers: L2105/5R
 Notes: DCM = 125m

Geotraces #:	Geotraces 3270	Geotraces 3272	Geotraces 3274	Geotraces 3276	Geotraces 3278	Geotraces 3280	Geotraces 3282	Geotraces 3284	Geotraces 3286	Geotraces 3288	Geotraces 3290	Geotraces 3292
GoFlo Number:	2	4	6	8	10	16	18	24	26	28 28	30 28	36
Depth (m):	1000	800	625	450	325	280	225	160	125	100	50	20
Filter Holder #:	1	2	3	4	5	6	7	8	9	10	11	12
Filter diameter:	25mm	→										
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)

Waste:	7.80	7.98	7.88	5.40	7.94	6.33	7.84	4.27	4.54	6.18	1.82	0.88
Drawn:	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Total:	10.05	10.23	10.13	7.65	10.19	8.58	10.09	6.52	6.79	8.43	4.54 3.13	3.13
Start Time:	1728	1729	1731	1732	1733	1734	1737	1736	1739	1741	1743	1745
End Time:	1904	1906	1917	1732	1913	1934	1920	1936	1939	1942	1943	1943

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3-815L 2.25L

→ 3292
 → 3286
 3284

4.07

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: 1 x 25mL @ 0M3

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