

Acropak-200 Cast Sheet

FULL STATION

Station # Station 21
 Deep, Mid, Shallow, Deep
 Cast # Cast 1
 Event # 4269
 Date 11/26/13
 ODF Salinity Box A
 ODF Nutrients Rack purple

Sampling Order

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Resing - Unfiltered 100 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
 Cutter AS/So 250mL

Geotraces 8782

Acropak: B00
 Sampler: CE
 Depth: 3250
 Caro Pos: 1
 Btl #: 3
 Notes:

Geotraces 8784

Acropak: B00
 Sampler: CE
 Depth: 3225
 Caro Pos: 3
 Btl #: 5
 Notes:

Geotraces 8786

Acropak: B00
 Sampler: CE
 Depth: 3200
 Caro Pos: 5
 Btl #: 7
 Notes:

Geotraces 8788

Acropak: B00
 Sampler: CE
 Depth: 3150
 Caro Pos: 7
 Btl #: 11
 Notes:

Geotraces 8790

Acropak: B00
 Sampler: CE
 Depth: 3100
 Caro Pos: 9
 Btl #: 13
 Notes:

Geotraces 8792

Acropak: B00
 Sampler: CE
 Depth: 3000
 Caro Pos: 11
 Btl #: 19
 Notes:

Geotraces 8794

Acropak: Ishmal
 Sampler: CP
 Depth: 2900
 Caro Pos: 13
 Btl #: 21
 Notes:

Geotraces 8796

Acropak: Ishmal
 Sampler: CP
 Depth: 2800
 Caro Pos: 15
 Btl #: 29
 Notes:

Geotraces 8798

Acropak: Ishmal
 Sampler: CP
 Depth: 2700
 Caro Pos: 17
 Btl #: 31
 Notes:

Geotraces 8800

Acropak: Ishmal
 Sampler: CP
 Depth: 2600
 Caro Pos: 19
 Btl #: 33
 Notes:

Geotraces 8802

Acropak: Ishmal
 Sampler: CP
 Depth: 2550
 Caro Pos: 21
 Btl #: 37
 Notes:

Geotraces 8804

Acropak: Ishmal
 Sampler: CP
 Depth: 2500
 Caro Pos: 23
 Btl #: 1
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 21 28

Station/Cast: Station 21 Cast 1

GT Event #: 4269

11/24/13

UTC End: 0000

Shallow/Mid/Deep (circle one) Nuts Rack: purple Samplers: LR/RS/SR Notes:

Salts Rack: A

Geotraces #:	Geotraces 8783	Geotraces 8785	Geotraces 8787	Geotraces 8789	Geotraces 8791	Geotraces 8793	Geotraces 8795	Geotraces 8797	Geotraces 8799	Geotraces 8801	Geotraces 8803	Geotraces 8805
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	3250	3225	3200	3150	3100	3000	2900	2800	2700	2600	2550	2500
Filter Holder #:	1	2	3	4	5	6	7	8	16	17	18	19
Filter diameter:	25mm											→
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)	8.06											
Waste:	8.02	8.06	7.98	8.51	8.60	7.68	8.04	8.25	8.00	8.22	8.06	8.06
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:	10.27	10.31	10.23	10.76	10.85	9.93	10.29	10.50	10.25	10.47	10.31	10.31
Start Time:	0040	0041	0042	0043	0049	0050	0051	0050	0049	0048	0046	0044
End Time:	0228	0227	228	230	236	228	0238	0241	0238	24	0239	241

0244

• 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 2.25L

Starting Filter batch (8) with this cast.

→ Taken on Acropak side