

Acropak-200 Cast Sheet

FULL STATION

Station # Station 30
 Deep, Mid, Shallow, Deep
 Cast # Cast 8
 Event # 4396
 Date 12/9/13
 ODF Salinity Box B
 ODF Nutrients Rack green

Sampling Order

ODF Salinity 250 mL
 ODF Nutrients 30 mL
~~Resing - Unfiltered~~
 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

Geotraces 9810

Acropak: Mercury
 Sampler: CZ
 Depth: 4050
 Caro Pos: 1
 Btl #: 28
 Notes:

Geotraces 9812

Acropak: Mercury
 Sampler: CZ
 Depth: 3900
 Caro Pos: 3
 Btl #: 30
 Notes:

Geotraces 9814

Acropak: Mercury
 Sampler: CZ
 Depth: 3750
 Caro Pos: 5
 Btl #: 36
 Notes:

Geotraces 9816

Acropak: Mercury
 Sampler: CZ
 Depth: 3500
 Caro Pos: 7
 Btl #: 2
 Notes:

Geotraces 9818

Acropak: Mercury
 Sampler: CZ
 Depth: 3250
 Caro Pos: 9
 Btl #: 4
 Notes:

Geotraces 9820

Acropak: Mercury
 Sampler: CZ
 Depth: 3000
 Caro Pos: 11
 Btl #: 6
 Notes:

Geotraces 9822

Acropak: Venus
 Sampler: CP
 Depth: 2900
 Caro Pos: 13
 Btl #: 8
 Notes:

Geotraces 9824

Acropak: Venus
 Sampler: CP
 Depth: 2800
 Caro Pos: 15
 Btl #: 10
 Notes:

Geotraces 9826

Acropak: Venus
 Sampler: CP
 Depth: 2700
 Caro Pos: 17
 Btl #: 16
 Notes:

Geotraces 9828

Acropak: Venus
 Sampler: CP
 Depth: 2650
 Caro Pos: 19
 Btl #: 18
 Notes:

Geotraces 9830

Acropak: Venus
 Sampler: CP
 Depth: 2600
 Caro Pos: 21
 Btl #: 24
 Notes:

Geotraces 9832

Acropak: Venus
 Sampler: CP
 Depth: 2550
 Caro Pos: 23
 Btl #: 26
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/9/13
 UTC Start: 717
 UTC End: 1019

Station/Cast: Station 30 Cast 5
 GT Event #: 4396
 Shallow/Mid/Deep (circle one): Shallow
 Nuts Rack: B
 Salts Rack: green
 Samplers: LR1RS1SR
 Notes:

Geotraces #:	Geotraces 9811	Geotraces 9813	Geotraces 9815	Geotraces 9817	Geotraces 9819	Geotraces 9821	Geotraces 9823	Geotraces 9825	Geotraces 9827	Geotraces 9829	Geotraces 9831	Geotraces 9833
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	4050	3900	3750	3500	3250	3000	2900	2800	2700	2650	2600	2550
Filter Holder #:	12	11	10	9	8	7	6	5	4	3	2	1
Filter diameter:	25mm											
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)

Waste:	8.08	8.00	8.15	8.02	8.01	8.02	8.31	8.06	8.27	7.91	8.20	7.94
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:	10.33	10.25	10.40	10.27	10.26	10.27	10.56	10.31	10.52	10.16	10.45	10.19
Start Time:	1101	1100	1059	1057	1056	1055	1100	1059	1058	1056	1055	1054
End Time:	1241	1239	1241	1241	1236	1235	1241	1237	1241	1254	1236	1235

• 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