

Acropak-200 Cast Sheet

FULL STATION

Station # Station 34
 Deep, ~~Mid~~, Shallow, Deep
 Cast # Cast 1
 Event # 4434
 Date 12/14/13
 ODF Salinity Box D
 ODF Nutrients Rack White

GEOTRACES 10122 GEOTRACES 10124 GEOTRACES 10126

Acropak: <u>Cape Verde</u>	Acropak: <u>Cape Verde</u>	Acropak: <u>Cape Verde</u>
Sampler: <u>CZ</u>	Sampler: <u>CZ</u>	Sampler: <u>CZ</u>
Depth: <u>2000</u> <small>3000</small>	Depth: <u>2100</u> <small>2900</small>	Depth: <u>2800</u>
Caro Pos: <u>1</u>	Caro Pos: <u>3</u>	Caro Pos: <u>5</u>
Btl #: <u>11</u>	Btl #: <u>13</u>	Btl #: <u>19</u>
Notes:	Notes:	Notes:

Sampling Order

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Resing - Al 100 mL
 Resing - Mn 100 mL
~~Resing - unfiltered~~
 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 10128 GEOTRACES 10130 GEOTRACES 10132

Acropak: <u>Cape Verde</u>	Acropak: <u>Cape Verde</u>	Acropak: <u>Cape Verde</u>
Sampler: <u>CZ</u>	Sampler: <u>CZ</u>	Sampler: <u>CZ</u>
Depth: <u>2700</u>	Depth: <u>2600</u>	Depth: <u>2550</u>
Caro Pos: <u>7</u>	Caro Pos: <u>9</u>	Caro Pos: <u>11</u>
Btl #: <u>21</u>	Btl #: <u>29</u>	Btl #: <u>31</u>
Notes:	Notes:	Notes:

GEOTRACES 10134 GEOTRACES 10136 GEOTRACES 10138

Acropak: <u>Bermuda</u>	Acropak: <u>Bermuda</u>	Acropak: <u>Bermuda</u>
Sampler: <u>CP</u>	Sampler: <u>CP</u>	Sampler: <u>CP</u>
Depth: <u>2500</u>	Depth: <u>2400</u>	Depth: <u>2300</u>
Caro Pos: <u>13</u>	Caro Pos: <u>15</u>	Caro Pos: <u>17</u>
Btl #: <u>33</u>	Btl #: <u>37</u>	Btl #: <u>1</u>
Notes:	Notes:	Notes:

GEOTRACES 10140 GEOTRACES 10142 GEOTRACES 10144

Acropak: <u>Bermuda</u>	Acropak: <u>Bermuda</u>	Acropak: <u>Bermuda</u>
Sampler: <u>CP</u>	Sampler: <u>CP</u>	Sampler: <u>CP</u>
Depth: <u>2200</u>	Depth: <u>2100</u>	Depth: <u>2000</u>
Caro Pos: <u>19</u>	Caro Pos: <u>21</u>	Caro Pos: <u>23</u>
Btl #: <u>3</u>	Btl #: <u>5</u>	Btl #: <u>7</u>
Notes:	Notes:	Notes:

~~Flegal @~~
10144 only

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 0250

Station/Cast: Station 34 Cast 1

GT Event #: 4434

12/14/13

UTC End: 0503

Shallow/Mid/Deep (circle one) <i>Follish</i>	Nuts Rack: <i>White</i>					Samplers: <i>LBRSISR</i>		Notes:				
	Salts Rack: <i>D</i>											
Geotraces #:	GEOTRACES 10123	GEOTRACES 10125	GEOTRACES 10127	GEOTRACES 10129	GEOTRACES 10131	GEOTRACES 10133	GEOTRACES 10135	GEOTRACES 10137	GEOTRACES 10139	GEOTRACES 10141	GEOTRACES 10143	GEOTRACES 10145
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	3000	2900	2800	2700	2600	2550	2500	2400	2300	2200	2100	2000
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:	8.53	7.90	8.02	8.36	8.00	8.21	7.57	8.26	7.95	8.30	8.16	8.22
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:	10.78	10.15	10.27	10.61	10.25	10.46	9.82	10.51	10.20	10.55	10.41	10.47
Start Time:	539	540	541	542	543	544	544	543	542	541	540	539
End Time:	726	718	721	728	722	725	723	730	722	725	721	719

• Supor Membrane 0.45 µm

Sampling Order:	
Redox:	
<i>Pressurize</i>	
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
<i>Shake</i>	
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

All filters from Fish Bath (3)