

Acropak-200 Cast Sheet

FULL STATION

Station # Station 15
 Deep, Mid, Shallow, Shallow
 Cast # Cast 5
 Event # 4194
 Date 11/16/13
 ODF Salinity Box F
 ODF Nutrients Rack Blue

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 - 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 3986

Acropak: Rocky
 Sampler: CZ
 Depth: 500
 Caro Pos: 1
 Btl #: 26
 Notes:

Geotraces 3988

Acropak: Rocky
 Sampler: CZ
 Depth: 410
 Caro Pos: 3
 Btl #: 28
 Notes:

Geotraces 3990

Acropak: Rocky
 Sampler: CZ
 Depth: 360
 Caro Pos: 5
 Btl #: 30
 Notes:

Geotraces 3992

Acropak: Rocky
 Sampler: CZ
 Depth: 330
 Caro Pos: 7
 Btl #: 36
 Notes:

Geotraces 3994

Acropak: Rocky
 Sampler: CZ
 Depth: 275
 Caro Pos: 9
 Btl #: 2
 Notes:

Geotraces 3996

Acropak: Rocky
 Sampler: CZ
 Depth: 225
 Caro Pos: 11
 Btl #: 4
 Notes:

Geotraces 3998

Acropak: Bullwinkle
 Sampler: CP
 Depth: 185
 Caro Pos: 13
 Btl #: 6
 Notes:

Geotraces 4000

Acropak: Bullwinkle
 Sampler: CP
 Depth: 150
 Caro Pos: 15
 Btl #: 8
 Notes:

Geotraces 4002

Acropak: Bullwinkle
 Sampler: CP
 Depth: 105
 Caro Pos: 17
 Btl #: 10
 Notes:

Geotraces 4004

Acropak: Bullwinkle
 Sampler: CP
 Depth: 75
 Caro Pos: 19
 Btl #: 16
 Notes:

Geotraces 4006

Acropak: Bullwinkle
 Sampler: CP
 Depth: 50
 Caro Pos: 21
 Btl #: 18
 Notes:

Geotraces 4008

Acropak: Bullwinkle
 Sampler: CP
 Depth: 20
 Caro Pos: 23
 Btl #: 24
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

11/16/13

UTC Start:

2121

UTC End:

2215

Station/Cast: <u>Station 15 casts</u>	GT Event #: <u>4194</u>					Samplers: <u>LR15/SR</u>			Notes:			
(Shallow/Mid/Deep) (circle one)	Nuts Rack: <u>Blue</u>					Salts Rack: <u>F</u>						
Geotraces #:	<u>Geotraces 3987</u>	<u>Geotraces 3989</u>	<u>Geotraces 3991</u>	<u>Geotraces 3993</u>	<u>Geotraces 3995</u>	<u>Geotraces 3997</u>	<u>Geotraces 3999</u>	<u>Geotraces 4001</u>	<u>Geotraces 4003</u>	<u>Geotraces 4005</u>	<u>Geotraces 4007</u>	<u>Geotraces 4009</u>
GoFlo Number:	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>11</u>	<u>13</u>	<u>19</u>	<u>21</u>	<u>29</u>	<u>31</u>	<u>33</u>	<u>37</u>
Depth (m):	<u>500</u>	<u>410</u>	<u>360</u>	<u>330</u>	<u>275</u>	<u>225</u>	<u>185</u>	<u>150</u>	<u>105</u>	<u>75</u>	<u>50</u>	<u>20</u>
Filter Holder #:	<u>25</u>	<u>24</u>	<u>23</u>	<u>22</u>	<u>21</u>	<u>20</u>	<u>19</u>	<u>18</u>	<u>17</u>	<u>16</u>	<u>15</u>	<u>14</u>
Filter diameter:	<u>25mm</u>											
Position #:	<u>2</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	<u>14</u>	<u>16</u>	<u>18</u>	<u>20</u>	<u>22</u>	<u>24</u>

Filtered Volume (L)

DCM

Waste:	<u>7.80</u>	<u>7.64</u>	<u>7.49</u>	<u>7.60</u>	<u>7.63</u>	<u>7.73</u>	<u>7.56</u>	<u>7.59</u>	<u>4.93</u>	<u>2.95</u>	<u>1.94</u>	<u>1.80</u>
Drawn:	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>	<u>2.375</u>
Total:	<u>10.175</u>	<u>10.015</u>	<u>9.865</u>	<u>9.975</u>	<u>10.005</u>	<u>10.105</u>	<u>9.935</u>	<u>9.965</u>	<u>7.305</u>	<u>5.325</u>	<u>4.315</u>	<u>3.175</u>
Start Time:	<u>2325</u>	<u>2324</u>	<u>2322</u>	<u>2321</u>	<u>2320</u>	<u>2319</u>	<u>2317</u>	<u>2316</u>	<u>2315</u>	<u>2312</u>	<u>2311</u>	<u>2310</u>
End Time:	<u>0107</u>	<u>0107</u>	<u>0103</u>	<u>0107</u>	<u>0103</u>	<u>0103</u>	<u>0107</u>	<u>0103</u>	<u>0115</u>	<u>0112</u>	<u>0112</u>	<u>0111</u>

late late late late late

Supor Membrane 0.45 μm

Notes: **All filtered volume is 2.375L

All used filter bottle #5. Slow filtration problem with bottle #4 is solved.

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

2005 sampled

4009
4005

2.375