

Acropak-200 Cast Sheet

FULL STATION

Station # Station 9
 Deep, Mid, Shallow, Mid
 Cast # Cast 89
 Event # 4120
 Date 11/9/13
 ODF Salinity Box B
 ODF Nutrients Rack Black

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
 Cutter - As/Sb 280mL

Geotraces 3419

Acropak: Abba
 Sampler: CZ
 Depth: 2250
 Caro Pos: 1
 Btl #: 31
 Notes:

Geotraces 3421

Acropak: Abba
 Sampler: CZ
 Depth: 2000
 Caro Pos: 3
 Btl #: 233
 Notes:

Geotraces 3423

Acropak: Abba
 Sampler: CZ
 Depth: 1750
 Caro Pos: 5
 Btl #: 37
 Notes:

Geotraces 3425

Acropak: Abba
 Sampler: CZ
 Depth: 1500
 Caro Pos: 7
 Btl #: 1
 Notes:

Geotraces 3427

Acropak: Abba
 Sampler: CZ
 Depth: 1250
 Caro Pos: 9
 Btl #: 3
 Notes:

Geotraces 3429

Acropak: Abba
 Sampler: CZ
 Depth: 1000
 Caro Pos: 11
 Btl #: 5
 Notes:

Geotraces 3431

Acropak: Felix
 Sampler: CP
 Depth: 750
 Caro Pos: 13
 Btl #: 7
 Notes:

Geotraces 3433

Acropak: Felix
 Sampler: CP
 Depth: 625
 Caro Pos: 15
 Btl #: 11
 Notes:

Geotraces 3435

Acropak: Felix
 Sampler: CP
 Depth: 500
 Caro Pos: 17
 Btl #: 13
 Notes:

Geotraces 3437

Acropak: Felix
 Sampler: CP
 Depth: 450
 Caro Pos: 19
 Btl #: 19
 Notes:

Geotraces 3439

Acropak: Felix
 Sampler: CP
 Depth: 400
 Caro Pos: 21
 Btl #: 28 21
 Notes:

Geotraces 3441

Acropak: Felix
 Sampler: CP
 Depth: 350
 Caro Pos: 23
 Btl #: 29
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/9/13
 UTC Start: 1032
 UTC End: 1220

Station/Cast: <u>Station 9 Cast 8</u>	GT Event #: <u>4120</u>					Nuts Rack: <u>Black</u>			Samplers: <u>LR/RS/SR</u>			Notes:	
Shallow/Mid/Deep (circle one) <u>9</u>		Salts Rack: <u>B</u>											
Geotraces #:	<u>Geotraces 3420</u>	<u>Geotraces 3422</u>	<u>Geotraces 3424</u>	<u>Geotraces 3426</u>	<u>Geotraces 3428</u>	<u>Geotraces 3430</u>	<u>Geotraces 3432</u>	<u>Geotraces 3434</u>	<u>Geotraces 3436</u>	<u>Geotraces 3438</u>	<u>Geotraces 3440</u>	<u>Geotraces 3442</u>	
GoFlo Number:	<u>2</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>16</u>	<u>18</u>	<u>24</u>	<u>26</u>	<u>28</u>	<u>30</u>	<u>36</u>	
Depth (m):	<u>2250</u>	<u>2000</u>	<u>1750</u>	<u>1500</u>	<u>1250</u>	<u>1000</u>	<u>750</u>	<u>625</u>	<u>500</u>	<u>450</u>	<u>400</u>	<u>350</u>	
Filter Holder #:	<u>16</u>	<u>17</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>26</u>	<u>27</u>	
Filter diameter:	<u>25mm</u>	<u>—————</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>23</u>	

Filtered Volume (L)

Waste:	<u>7.70</u>	<u>5.83</u>	<u>6.72</u>	<u>5.98</u>	<u>6.62</u>	<u>6.54</u>	<u>6.69</u>	<u>7.00</u>	<u>6.72</u>	<u>7.08</u>	<u>6.85</u>	<u>6.62</u>
2.25 Drawn:	3.44	<u>3.44</u>	3.44	<u>3.44</u>	3.44	<u>3.44</u>	<u>3.44</u>	<u>3.44</u>	3.44	<u>3.44</u>	<u>3.44</u>	<u>3.44</u>
Total:	<u>9.95</u>	<u>9.27</u>	<u>10.16</u>	<u>9.42</u>	10.06	<u>9.98</u>	<u>10.13</u>	<u>10.44</u>	<u>10.16</u>	<u>10.52</u>	<u>10.29</u>	<u>10.06</u>
Start Time:	<u>1317</u>	<u>1319</u>	<u>1321</u>	<u>1323</u>	<u>1324</u>	<u>1326</u>	<u>1328</u>	<u>1328</u>	<u>1325</u>	<u>1320</u>	<u>1318</u>	<u>1316</u>
End Time:	<u>1504</u>	<u>1459</u>	<u>1505</u>	<u>1505</u>	<u>1517</u>	<u>1519</u>	<u>1515</u>	<u>1525</u>	<u>1505</u>	<u>1505</u>	<u>1505</u>	<u>1526</u>

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3.815L 3.44L

→ Taken on Aeropak (Dissolved) side

No Se for # 3420

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

3440