

**Acropak-200 Cast Sheet****FULL STATION**

Station # Station 20  
 Deep, Mid, Shallow, Shallow  
 Cast # Cast 5  
 Event # 4257  
 Date 11/24/13  
 ODF Salinity Box A  
 ODF Nutrients Rack White

**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 8678**

Acropak: Homer  
 Sampler: C7  
 Depth: 1000  
 Caro Pos: 1  
 Btl #: 36  
 Notes:

**Geotraces 8680**

Acropak: Homer  
 Sampler: C7  
 Depth: 750  
 Caro Pos: 3  
 Btl #: 2  
 Notes:

**Geotraces 8682**

Acropak: Homer  
 Sampler: C7  
 Depth: 500  
 Caro Pos: 5  
 Btl #: 4  
 Notes:

**Geotraces 8684**

Acropak: Homer  
 Sampler: C7  
 Depth: 400  
 Caro Pos: 7  
 Btl #: 6  
 Notes:

**Geotraces 8686**

Acropak: Homer  
 Sampler: C7  
 Depth: 325  
 Caro Pos: 9  
 Btl #: 8  
 Notes:

**Geotraces 8688**

Acropak: Homer  
 Sampler: C7  
 Depth: 275  
 Caro Pos: 11  
 Btl #: 10  
 Notes:

**Geotraces 8690**

Acropak: Marge  
 Sampler: CP  
 Depth: 225  
 Caro Pos: 13  
 Btl #: 16  
 Notes:

**Geotraces 8692**

Acropak: Marge  
 Sampler: CP  
 Depth: 150  
 Caro Pos: 15  
 Btl #: 18  
 Notes:

**Geotraces 8694**

Acropak: Marge  
 Sampler: CP  
 Depth: 95  
 Caro Pos: 17  
 Btl #: 24  
 Notes:

**Geotraces 8696**

Acropak: Marge  
 Sampler: CP  
 Depth: 85  
 Caro Pos: 19  
 Btl #: 26  
 Notes:

**Geotraces 8698**

Acropak: Marge  
 Sampler: CP  
 Depth: 50  
 Caro Pos: 21  
 Btl #: 28  
 Notes:

**Geotraces 8700**

Acropak: Marge  
 Sampler: CP  
 Depth: 20  
 Caro Pos: 23  
 Btl #: 30  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date:

11/24/13

UTC Start: 1216

UTC End: 1327

Station/Cast: Station 20 Cast 5	GT Event #: 4257											
Shallow/Mid/Deep (circle one)	Nuts Rack: White											
	Salts Rack: A											
	Samplers: LR/RS/SR						Notes:					
Geotraces #:	Geotraces 8679	Geotraces 8681	Geotraces 8683	Geotraces 8685	Geotraces 8687	Geotraces 8689	Geotraces 8691	Geotraces 8693	Geotraces 8695	Geotraces 8697	Geotraces 8699	Geotraces 8701
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	1000	750	500	400	325	275	225	150	95	85	50	20
Filter Holder #:	40	39	38	37	36	35	34	33	32	31	30	29
Filter diameter:	25mm											25
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

## Filtered Volume (L)

Waste:	8.39	7.87	7.68	7.90	7.82	8.04	7.73	7.56	5.10	3.66	1.87	1.36
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:	10.64	10.12	9.93	10.15	10.07	10.29	9.98	9.81	7.35	5.91	4.12	3.61
Start Time:	1414	1412	1411	1410	1409	1408	1406	1405	1404	1402	1401	1400
End Time:	1557	1552	1553	1556	1552	1553	1552	1605	1604	1602	1601	1600

• Supor Membrane 0.45 µm

Notes: \*\*All filtered volume is 3.815L 2.25L

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
Gutter (Nnuts)	1 x 125mL
Cutter (As/Sb)	1 x 250mL
Cutter (Se)	1 x 1190mL

} → 8695  
8701