

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

Station # 57  
 Deep, Mid, Shallow, Deep  
 Cast # CT 8  
 Event # 4092  
 Date 11/6/13  
 ODF Salinity Box G  
 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  
~~Elegal - Pb shallow 1000 mL~~  
 Boyle - Pb mid/deep 2000 mL  
~~John - isos shallow 4000 mL~~  
 John - isos mid/deep 1000 mL

**Geotraces 3197**

Acropak: E  
 Sampler: CE  
 Depth: 4550  
 Caro Pos: 1  
 Btl #: 11  
 Notes:

**Geotraces 3199**

Acropak: E  
 Sampler: CE  
 Depth: 4500  
 Caro Pos: 3  
 Btl #: 13  
 Notes:

**Geotraces 3201**

Acropak: E  
 Sampler: CE  
 Depth: 4375  
 Caro Pos: 5  
 Btl #: 19  
 Notes:

**Geotraces 3203**

Acropak: E  
 Sampler: CE  
 Depth: 4250  
 Caro Pos: 7  
 Btl #: 21  
 Notes:

**Geotraces 3205**

Acropak: E  
 Sampler: CE  
 Depth: 4000  
 Caro Pos: 9  
 Btl #: 29  
 Notes:

**Geotraces 3207**

Acropak: E  
 Sampler: CE  
 Depth: 3750  
 Caro Pos: 11  
 Btl #: 31  
 Notes:

**Geotraces 3209**

Acropak: F  
 Sampler: CP  
 Depth: 3625  
 Caro Pos: 13  
 Btl #: 33  
 Notes:

**Geotraces 3211**

Acropak: F  
 Sampler: CP  
 Depth: 3500  
 Caro Pos: 15  
 Btl #: 37  
 Notes:

**Geotraces 3213**

Acropak: F  
 Sampler: CP  
 Depth: 3250  
 Caro Pos: 17  
 Btl #: 1  
 Notes:

**Geotraces 3215**

Acropak: F  
 Sampler: CP  
 Depth: 3000  
 Caro Pos: 19  
 Btl #: 3  
 Notes:

**Geotraces 3217**

Acropak: F  
 Sampler: CP  
 Depth: 2750  
 Caro Pos: 21  
 Btl #: 5  
 Notes:

**Geotraces 3219**

Acropak: F  
 Sampler: CP  
 Depth: 2500  
 Caro Pos: 23  
 Btl #: 7  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/16/13  
 UTC Start: 1304  
 UTC End: 1635

Station/Cast: 577 / Ct 8  
 GT Event #: 4092  
 Shallow/Mid/Deep (circle one): Deep  
 Nuts Rack: Black  
 Salt Rack: G  
 Samplers: LR/RS/SR  
 Notes:

Geotraces #:	Geotraces 3198	Geotraces 3200	Geotraces 3202	Geotraces 3204	Geotraces 3206	Geotraces 3208	Geotraces 3210	Geotraces 3212	Geotraces 3214	Geotraces 3216	Geotraces 3218	Geotraces 3220
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	4550	4500	4375	4250	4000	3750	3625	3500	3250	3000	2750	2500
Filter Holder #:	1	2	3	4	5	6	7	9*	8*	10	11	12
Filter diameter:	25mm	→										
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

**Filtered Volume (L)**

Waste:	8.10	8.04	8.00	8.38	8.10	8.06	7.86	8.37	8.06	8.29	8.30	8.16
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:	10.35	10.29	10.25	10.63	10.35	10.31	10.11	10.62	10.31	10.54	10.55	10.41
Start Time:	520	520	523	523	525	525	527	529	530	532	533	534
End Time:	710	715	713	724	728	718	710	721	718	718	723	730

\* 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 (11g only)