

Acropak-200 Cast Sheet

FULL STATION

Station # Station 7
 (~~Deep~~) Mid, (~~Shallow~~) Deep Shallow
 Cast # Cast 4
 Event # 40824088
 Date 11/5/13
 ODF Salinity Box B
 ODF Nutrients Rack green

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 3120

Acropak: C2
 Sampler: C7
 Depth: 400
 Caro Pos: 1
 Btl #: 7
 Notes:

Geotraces 3122

Acropak: C2
 Sampler: C7
 Depth: 350
 Caro Pos: 3
 Btl #: 11
 Notes:

Geotraces 3124

Acropak: C2
 Sampler: C7
 Depth: 300
 Caro Pos: 5
 Btl #: 13
 Notes:

Geotraces 3126

Acropak: C2
 Sampler: C7
 Depth: 250
 Caro Pos: 7
 Btl #: 19
 Notes:

Geotraces 3128

Acropak: C2
 Sampler: C7
 Depth: 180
 Caro Pos: 9
 Btl #: 21
 Notes:

Geotraces 3130

Acropak: C2
 Sampler: C7
 Depth: 150
 Caro Pos: 11
 Btl #: 29
 Notes:

Geotraces 3132

Acropak: D2
 Sampler: CP
 Depth: 125
 Caro Pos: 13
 Btl #: 31
 Notes:

Geotraces 3134

Acropak: D2
 Sampler: CP
 Depth: 110
 Caro Pos: 15
 Btl #: 33
 Notes: DCM

Geotraces 3136

Acropak: D2
 Sampler: CP
 Depth: 80
 Caro Pos: 17
 Btl #: 37
 Notes:

Geotraces 3138

Acropak: D2
 Sampler: CP
 Depth: 60
 Caro Pos: 19
 Btl #: 1
 Notes:

Geotraces 3140

Acropak: D2
 Sampler: CP
 Depth: 40
 Caro Pos: 21
 Btl #: 3
 Notes:

Geotraces 3142

Acropak: D2
 Sampler: CP
 Depth: 20
 Caro Pos: 23
 Btl #: 5
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/15/13
 UTC Start: 129
 UTC End: 258

Station/Cast: S7/C+15 GT Event #: 40824088

Shallow/Mid/Deep (circle one) Nuts Rack: green Samplers: LR/RS/SR Notes: DCM = 3135
 (circle one) Salts Rack: B omz = 3137

Geotraces #:	Geotraces 3121	Geotraces 3123	Geotraces 3125	Geotraces 3127	Geotraces 3129	Geotraces 3131	Geotraces 3133	Geotraces 3135	Geotraces 3137	Geotraces 3139	Geotraces 3141	Geotraces 3143
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	400	350	300 250	250 180	180	175 145	140 125	80 40	60 40	40	40	20
Filter Holder #:	14	15	16	17	18	19	20	21	22	23	24	25
Filter diameter:	25											F
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L) DCM omz

Waste:	5.6	3.67	2.55	4.94	4.23	1.68	2.06	2.67 1.30	2.67	0.72	1.30	0.65
Drawn:	3.815	3.815	3.815	3.815	3.815	3.815	3.815	2.675	3.815	2.625	2.625	2.25
Total:	9.415	7.485	6.365	8.755	8.045	5.495	5.875	5.275	6.485	3.345	3.925	2.90
Start Time:	5:55	3:58	4:00	4:01	4:03	4:03	4:04	4:06	4:10	4:11	4:12	4:13
End Time:	6:55 7	5:58	6:00	6:01	6:03	6:03	6:04	6:06	6:11	6:12	6:12	5:40

- 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

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3.815L

#3143 - 2nd Se F#26
 start 5:47
 time 6:49
 Waste = 2.54L } 4.105
 Sample = 1.5654
 NMs, AS, Se all the membrane

#3135, 3139, 3141 - All filled Se Bottle w/ Aeropak

1.19
 1.25
 1.265