

Acropak-200 Cast Sheet

SUPER STATION

Station # Station 18
 Deep, Mid, Shallow, Mid
 Cast # cast 9
 Event # 4242
 Date 11/22/13
 ODF Salinity Box B
 ODF Nutrients Rack green

Sampling Order

ODF Salinity	250 mL
ODF Nutrients	30 mL
Resing - Unfiltered 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	900 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
Water - As/Sb	250mL

Geotraces 8523

Acropak: garfield
 Sampler: CZ
 Depth: 2350
 Caro Pos: 1
 Btl #: 45
 Notes:

Geotraces 8525

Acropak: garfield
 Sampler: CZ
 Depth: 2325
 Caro Pos: 3
 Btl #: 49
 Notes:

Geotraces 8527

Acropak: garfield
 Sampler: CZ
 Depth: 2300
 Caro Pos: 5
 Btl #: 15
 Notes:

Geotraces 8529

Acropak: garfield
 Sampler: CZ
 Depth: 2275
 Caro Pos: 7
 Btl #: 41
 Notes:

Geotraces 8531

Acropak: garfield
 Sampler: CZ
 Depth: 2250
 Caro Pos: 9
 Btl #: 17
 Notes:

Geotraces 8533

Acropak: garfield
 Sampler: CZ
 Depth: 2225
 Caro Pos: 11
 Btl #: 50
 Notes:

Geotraces 8535

Acropak: Snoopy
 Sampler: CP
 Depth: 2200
 Caro Pos: 13
 Btl #: 9
 Notes:

Geotraces 8537

Acropak: Snoopy
 Sampler: CP
 Depth: 2000
 Caro Pos: 15
 Btl #: 34
 Notes:

Geotraces 8539

Acropak: Snoopy
 Sampler: CP
 Depth: 1800
 Caro Pos: 17
 Btl #: 35
 Notes:

Geotraces 8541

Acropak: Snoopy
 Sampler: CP
 Depth: 1600
 Caro Pos: 19
 Btl #: 47
 Notes:

Geotraces 8543

Acropak: Snoopy
 Sampler: CP
 Depth: 1400
 Caro Pos: 21
 Btl #: 51
 Notes:

Geotraces 8545

Acropak: Snoopy
 Sampler: CP
 Depth: 1200
 Caro Pos: 23
 Btl #: 59
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

UTC Start: 0050

Station/Cast: Station 18 Cast 9

GT Event #: 4242

11/22/13

UTC End: 0242

Shallow/Mid/Deep (circle one)	Nuts Rack: green	Samplers: CR1P51SR	Notes:
	Salts Rack: B		

Geotraces #:	Geotraces 8524	Geotraces 8526	Geotraces 8528	Geotraces 8530	Geotraces 8532	Geotraces 8534	Geotraces 8536	Geotraces 8538	Geotraces 8540	Geotraces 8542	Geotraces 8544	Geotraces 8546
GoFlo Number:	12	14	20	22	30	38	40	42	44	26	48	27
Depth (m):	2350	2325	2300	2275	2250	2225	2200	2000	1800	1600	1400	1200
Filter Holder #:	12	11	10	9	8	7	6	5	4	3	2	1
Filter diameter:	25mm											
Position #:	2	4	6	78	80	912	1014	16	18	20	22	24

Filtered Volume (L)

Waste:	6.64	6.67	6.58	6.48	6.25	6.84	3.19	2.94	6.82	6.26	6.65	3.50
Drawn:	3.44	3.44	3.44	3.44	3.44	3.44	3.44	7.84	3.44	3.44	3.44	3.44
Total:	10.08	10.11	10.02	9.92	9.69	10.28	6.63	10.78	10.26	9.70	10.09	6.94
Start Time:	0326	0328	0329	0330	0331	0332	0332	0332	0330	0329	0327	0327
End Time:	012	0507	518	0506	512	510	437	510	512	512	0506	437

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3.815L
 3.44L
 bottles 8536 + 8546 stopped early for press tanks
 ↳ FH# 13, 1.95L total } used aeropak just used
 ↳ FH# 27, 2L total } for dissolved solids
 #8538 - 4.4 L taken for CFF
 Background sample for plume.

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

↳ Taken on Aeropak side

2.25
 1.19
 3.44