

Acropak-200 Cast Sheet

FULL STATION

Station # Station 28
 Deep, Mid, Shallow, Deep
 Cast # Cast 1
 Event # 4361
 Date 12/6/13
 ODF Salinity Box R
 ODF Nutrients Rack White

Sampling Order

ODF Salinity 250 mL
 ODF Nutrients 30 mL
~~Resing - Unfiltered~~ 100 mL
~~Resing - Al~~ 100 mL
 Resing - Mn 100 mL
 Saito, CO no headspace 2 x 60 mL
 Shiller - Ga 125 mL
~~Moffett - Fe(II)~~ 30 mL
 Sedwick - dFe 2 x 125 mL
 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 9548

Acropak: Mercury
 Sampler: CZ
 Depth: 4014
 Caro Pos: 1
 Btl #: 10
 Notes:

Geotraces 9550

Acropak: Mercury
 Sampler: CZ
 Depth: 3900
 Caro Pos: 3
 Btl #: 16
 Notes:

Geotraces 9552

Acropak: Mercury
 Sampler: CZ
 Depth: 3800
 Caro Pos: 5
 Btl #: 18
 Notes:

Geotraces 9554

Acropak: Mercury
 Sampler: CZ
 Depth: 3500
 Caro Pos: 7
 Btl #: 24
 Notes:

Geotraces 9556

Acropak: Mercury
 Sampler: CZ
 Depth: 3250
 Caro Pos: 9
 Btl #: 26
 Notes:

Geotraces 9558

Acropak: Mercury
 Sampler: CZ
 Depth: 300
 Caro Pos: 11
 Btl #: 28
 Notes:

Geotraces 9560

Acropak: Venus
 Sampler: CP
 Depth: 2900
 Caro Pos: 13
 Btl #: 30
 Notes:

Geotraces 9562

Acropak: Venus
 Sampler: CP
 Depth: 2800
 Caro Pos: 15
 Btl #: 36
 Notes:

Geotraces 9564

Acropak: Venus
 Sampler: CP
 Depth: 2700
 Caro Pos: 17
 Btl #: 2
 Notes:

Geotraces 9566

Acropak: Venus
 Sampler: CP
 Depth: 2650
 Caro Pos: 19
 Btl #: 4
 Notes:

Geotraces 9568

Acropak: Venus
 Sampler: CP
 Depth: 2600
 Caro Pos: 21
 Btl #: 6
 Notes:

Geotraces 9570

Acropak: Venus
 Sampler: CP
 Depth: 2550
 Caro Pos: 23
 Btl #: 8
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/6/13
 UTC Start: 0401
 UTC End: 0705

Station/Cast: Station 28 Cast 1
 GT Event #: 4361
 Shallow/Mid/Deep (circle one): Deep
 Nuts Rack: White
 Salts Rack: F
 Samplers: LR/RS/ISR
 Notes:

Geotraces #:	Geotraces 9549	Geotraces 9551	Geotraces 9553	Geotraces 9555	Geotraces 9557	Geotraces 9559	Geotraces 9561	Geotraces 9563	Geotraces 9565	Geotraces 9567	Geotraces 9569	Geotraces 9571
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	4014	3900	3800	3500	3250	3000	2900	2800	2700	2650	2600	2550
Filter Holder #:	12	11	10	9	8	7	6	5	4	3	2	1
Filter diameter:	25mm											
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)

Waste:	8.06	7.94	7.96	8.04	7.87	7.25	7.52	8.10	7.92	7.90	7.56	7.99
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:	10.31	10.19	10.21	10.29	10.12	9.50	9.77	10.35	10.17	10.15	9.81	10.24
Start Time:	0746	0747	0748	0750	0751	0752	0746	0747	0748	0748	0749	0749
End Time:	927	926	927	932	929	925	920	925	929	929	920	931

• Supor Membrane 0.45 µm

Sampling Order:
 Redox:
 Pressurize
 Cutter (S) ~~2 x 60mL (Syr.)~~
 Cutter (I) 2 x 60mL (Syr.)
 Moffett(Fe) ~~52 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
 5x on 9559
 9561 Only!
 All filters from Fish Bottle ②
 Previous Sta. 27 (Demi) were from
 Fish Bottle ①.