

Acropak-200 Cast Sheet

FULL STATION

Station # Station 28
 Deep, Mid, Shallow, Mid
 Cast # Cast 8
 Event # 4374
 Date 12/7/13
 ODF Salinity Box A
 ODF Nutrients Rack green

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 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 9665

Acropak: Sabun
 Sampler: CZ
 Depth: ~~2550~~ ⁸⁶⁰
 Caro Pos: 1
 Btl #: 18
 Notes:

Geotraces 9667

Acropak: Sabun
 Sampler: CZ
 Depth: ~~2550~~ ²⁵⁵⁰
 Caro Pos: 3
 Btl #: 24
 Notes:

Geotraces 9669

Acropak: Sabun
 Sampler: CZ
 Depth: ~~2550~~ ²⁵⁰⁰
 Caro Pos: 5
 Btl #: 26
 Notes:

Geotraces 9671

Acropak: Sabun
 Sampler: CZ
 Depth: ~~2400~~ ²⁴⁵⁰
 Caro Pos: 7
 Btl #: 28
 Notes:

Geotraces 9673

Acropak: Sabun
 Sampler: CZ
 Depth: ~~2300~~ ²⁴⁰⁰
 Caro Pos: 9
 Btl #: 30
 Notes:

Geotraces 9675

Acropak: Sabun
 Sampler: CZ
 Depth: ~~2200~~ ²³⁰⁰
 Caro Pos: 11
 Btl #: 36
 Notes:

Geotraces 9677

Acropak: Jupiter
 Sampler: CP
 Depth: ~~2700~~ ²³⁰⁰
 Caro Pos: 13
 Btl #: 2
 Notes:

Geotraces 9679

Acropak: Jupiter
 Sampler: CP
 Depth: ~~2000~~ ²¹⁰⁰
 Caro Pos: 1715
 Btl #: 4
 Notes:

Geotraces 9681

Acropak: Jupiter
 Sampler: CP
 Depth: ~~1750~~ ²⁰⁰⁰
 Caro Pos: 17
 Btl #: 6
 Notes:

Geotraces 9683

Acropak: Jupiter
 Sampler: CP
 Depth: ~~1500~~ ¹⁷⁵⁰
 Caro Pos: 19
 Btl #: 8
 Notes:

Geotraces 9685

Acropak: Jupiter
 Sampler: CP
 Depth: ~~1250~~ ¹⁵⁰⁰
 Caro Pos: 21
 Btl #: 10
 Notes:

Geotraces 9687

Acropak: Jupiter
 Sampler: CP
 Depth: ~~800~~ ¹²⁰⁰
 Caro Pos: 23
 Btl #: 16
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 121 7/13
 UTC Start: 1680
 UTC End: 843

Station/Cast: Station 28 Cast 8
 GT Event #: 4374
 Shallow/Mid/Deep (circle one): Mid
 Nuts Rack: green
 Salts Rack: A
 Samplers: LR1RS1SR
 Notes:

Geotraces #:	Geotraces 9666	Geotraces 9668	Geotraces 9670	Geotraces 9672	Geotraces 9674	Geotraces 9676	Geotraces 9678	Geotraces 9680	Geotraces 9682	Geotraces 9684	Geotraces 9686	Geotraces 9688
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	2550	2500	2450	2400	2300	2200	2100	2000	1750	1500	1250	800
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:	7.42	6.94	8.01	8.04	7.90	8.16	8.18	8.16	7.84	8.00	7.68	8.11
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:	9.67	9.19	10.26	10.29	10.15	10.41	10.43	10.41	10.09	10.25	9.93	10.36
Start Time:	924	923	921	919	918	917	924	923	922	921	919	918
End Time:	1100	1053	1102	1102	1100	1102	1106	1104	1104	1106	1055	1100

• Supor Membrane 0.45 µm

Sampling Order:
 Redox:
 Pressurize
 Cutter (S) 2 x 60mL (Syr.)
 Cutter (I) 2 x 60mL (Syr.)
 Moffett(Fe) 5 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
 5X Taken on 9666
 9668
 All filters from Fish Bottle (2)

was taken