



30-ODF Sample Log (EPZT - Super/Full "Regular") Page 1 of 2

Event #: 4250 Date: 11/22/13 Oxy Box: D Salt Box:
 Station #: 18 UTC Time (Cast Up): Nut Box: blue Trit Box: F
 Cast #: ODF-deep CAST (17) UTC Time (Sampling Done): 03:23 UF

Niskin	Nominal Depth	Geotraces Number	Unfiltered			Unfiltered			Unfiltered			Unfiltered			(Nisk)
			Fine CFCs	Jenkins 3He	Altabet N2/Ar	ODF Oxy	OxyT	Casc. N2O	Resing Mn	Bates DIC	Jenkins 14C-13C	ODF Nuts	ODF Salt	Jenkins 3H	
Steel Ball	X	8612	X	X	X	X	X	X	X	X	X	X	X	X	"13"
1	2625	8613	1	1✓	1	1060	7.8	1	8613	332	3299	1✓	13✓	1	
2	2610#d	8614	2	2✓	2	1515	6.9	2	8614	333	3294	2✓	14✓	2	
3	2575	8615	3	3✓	3	707	7.0	3	8615	334	3288	3✓	15✓	3	
4	2550#d	8616	4	4✓	4	1297	7.1	4	8616	335	3282	4✓	16✓	4	
5	2525	8617	5	5✓	5	1844	7.4	5	8617	336	3298	5✓	17✓	5	
6	2500#d	8618	6	6✓	6	1796	7.3	6	8618	337	3287	6✓	18✓	6	
7	2475	8619	7	7✓	7	1602	7.6	7	8619	338	3293	7✓	19✓	7	
8	2450#d	8620	8	8R✓	8	1220	7.8	8	8620	339	3281	8✓	20✓	8	
9	2425	8621	9	9✓	9	1044	7.6	9	8621	340	99	9✓	21✓	9	
10	2400#d	8622	10	10R✓	10	1701	8.1	10	8622	341	3292	10✓	22✓	10	
11	2375	8623	11	11✓	11	1027	7.7	11	8623	342	91	11✓	23✓	11	
12	2350#d	8624	12	12✓	12	1089	7.8	12	8624	343	3280	12✓	24✓	12	
FISH	2	X	X	X	X	X	X	X	X	X	X	X	X	X	"25"
Approx. Volume (L):			1	1	0.5	1	--		1	1.2	0.8	0.3	0.5	1	
Sampler's Initials:							--								

Comments: Joe Resing takes total Mn sample and Steel ball deployed (pg.1) 8.3
 # Depth where McLane pumps were deployed (pg.2) 18.5
 NISKIN #5 ⇒ SAMPLED FOR Fe(II) BY JIM MORFETT (ALSO N#4 & #6) Total Volume (L): 26.8
 NISKIN #8 ⇒ RETAKE FOR He-3; AND RE-TAKEN AGAIN.
 NISKIN #10 ⇒ RETAKE FOR He-3
 RESING ⇒ Mn from big spigots every bottle

ODF Rosette Sample Log (EPZT - Super/Full) Pena/Fleisher Page 2 of 2



Event #: 4248 4250			Date: 11/22/13									
Station #: 18			UTC Time (Cast Up):									
Cast #: 15 ODF-Deep (17)			UTC Time (Sampling Done): 04130									
			Filt.*									
			Filtered Acropak capsule**									
Niskin	Nominal Depth	Geotrace Number	Carlson DOC	Casciotti 15N-Nitrite	Casciotti 15N-Nitrate	Lamborg Thiols	Brzezinski Si-Isotopes	Anderson Th/Pa	Pena Nd/REE	LDEO Archive	Acropak Capsule #	Niskin
Steel Ball		8612	X	X	X	X	X	X	X	X	X	"13"
1	2625	8613	✓	✓	✓	✓	1 liter	2787	2788	2789	P-25	1
2	2610#d	8614	✓	✓	✓	✓	1 liter	2784#c	2785	2786	P-26	2
3	2575	8615	✓	✓	✓	✓	1 liter	X	X	X	P-27	3
4	2550#d	8616	✓	✓	✓	✓	1 liter	2781	2782	2783	P-28	4
5	2525	8617	✓	✓	✓	✓	1 liter	← X A2 for all X →			P-29	5
6	2500#d	8618	✓	✓	✓	✓	1 liter	2778#c	2779	2780	P-30	6
7	2475	8619	✓	✓	✓	✓	1 liter	2775	2776	2777	P-31	7
8	2450#d	8620	✓	✓	✓	✓	1 liter	2772#c	2773	2774	P-32	8
9	2425	8621	✓	✓	✓	✓	1 liter	X	X	X	P-33	9
10	2400#d	8622	✓	✓	✓	✓	1 liter	2769	2770	2771	P-34	10
11	2375	8623	✓	✓	✓	✓	1 liter	X	X	X	P-35	11
12	2350#d	8624	✓	✓	✓	✓	1 liter	2766#c	2767	2768	P-36	12
FISH	X	X	X	X	X	X	X	X	X	X	X	"25"
Approx. Volume (L):			0.1	0.1	0.3	0.2	2.2	5.2	5.2	5.2		
Sampler's Initials:			MF/LP									

* Carlson Filters: pre-combusted GFF (47mm diam./~1µm)

** Acropak 500 capsules: Supor 0.8/0.45µm membranes

Comments: 8617 - Pressure Filtered through 0.45µm Super Filter (47mm diameter) ~15L of H₂O collected in 20L cubitainer. 60ml removed for *colloids. Acidified w/ Saville's distilled 6M HCl. Particles on filter saved by Rob Sherrell

diss Th/Pa → likely Nd/REE
#Th, Pa? →

Brzezinski Si	1 liter	Thiols	✓
#c	Colloid sample		
#s	shallow pump		
#m	mid pump		
#d	deep pump		

wrecking ball:
GT 8612 (got samps)