

U.S. GEOTRACES

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

Event #: 4437		Date: 12/14/13				Oxy Box: G				Salt Box: E				
Station #: 34		UTC Time (Cast Up): 06:26				Nut Box: Blue				Trit Box: Q048				
Cast #: 2 ODF-shallow		UTC Time (Sampling Done): 07:22												
Niskin	Nominal Depth	Geotraces Number	Unfiltered			ODF Oxy	Unfiltered			Bates DIC	Unfiltered		Jenkins 3H	(Nisk)
			Fine CFCs	Jenkins 3He	Altabet N2/Ar		OxyT	Casc. N2O	Resing Mn		Jenkins 14C-13C	ODF Nuts		
CORER	X	X	X	X	X	X	X	X	X	X	X	X	X	“13”
1	1500	10147	1	1H✓	1	1775	8.6	X	X	595	25	1✓	1✓	1
2	1000	10148	2	2✓	2	1715	10.3	X	X	596	425	2✓	2✓	2
3	750	10149	3	3✓	3	1087	11.5	X	X	597	423	3✓	3✓	3
4	500	10150	4	4✓	4	1689	13.5	X	X	598	332	4✓	4✓	4
5	350	10151	5	5✓	5	1842	14.8	X	X	599	80	5✓	5✓	5
6	300#p	10152	6	6✓	6	1392	16.4	X	X	600	345	6✓	6✓	6
7	225	10153	7	7✓	7	1838	20.8	X	X	601	339	7✓	7✓	7
8	150	10154	8	8✓	8	627	24.7	X	X	602	333	8✓	8✓	8
9	130#p	10155	9,13	9H✓	9	1718	25.9	X	X	603	327	9✓	9✓	9
10	75	10156	10	10✓	10	1170	27.3	X	X	604	346	10✓	10✓	10
11	45#p	10157	11	11✓	11	1717	27.5	X	X	605	340	11✓	11✓	11
12	30#p	10158	12	12✓	12	1309	27.5	X	X	606	334	12	12	12
FISH	2	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:			JH	BL	BP	SMB	-	X	X	←JH+BL→	←SMB→	BL		
Comments:														
# Depth where McLane pumps were deployed														
*H=Half-take for ³ He on NISKIN #1,9														
! NISKIN 11 ⇒ LEAKY @ TOP-CAP ON CFC DRAW														
607(DIC) + 14(CFCs) TAKEN @ SURFACE, POST-SAMPLING 07:12 UTC														
												(pg.1)	8.3	
												(pg.2)	18.5	
												Total Volume (L):	26.8	

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

U.S. GEOTRACES

Event #: 4437		Date: 12/14/13											
Station #: 34		UTC Time (Cast Up):											
Cast #: 2 ODF-shallow		UTC Time (Sampling Done): 830											
		Filt.*		Filtered Acropak capsule**									
Niskin	Nominal Depth	Geotracex 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	
CORER	X	X	X	X	X	X	X	X	X	X	X	"13"	
1	1500	10147	✓	✓	✓	X	X	2535	2536	2537	P-001	1	
2	1000	10148	✓	✓	✓	X	X	2532	2533	2534	P-002	2	
3	750	10149	✓	✓	✓	X	X	2529	2530	2531	P-003	3	
4	500	10150	✓	✓	✓	X	X	2526	2527	2528	P-004	4	
5	350	10151	✓	✓	✓	X	X	X	X	X	P-005	5	
6	300#p	10152	✓	✓	✓	X	X	2523	2524	2525	P-006	6	
7	225	10153	✓	✓	✓	X	X	X	X	X	P-007	7	
8	150	10154	✓	✓	✓	X	X	X	X	X	P-008	8	
9	130#p	10155	✓	✓	✓	X	X	2520	2521	2522	P-009	9	
10	75	10156	✓	✓	✓	X	X	X	X	X	P-010	10	
11	45#p	10157	✓	✓	✓	X	X	2517	2518	2519	P-011	11	
12	30#p	10158	✓	✓	✓	X	X	2514	2515	2516	P-012	12	
FISH	2	X	✓	X	X	X	X	2511	2512	2513	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	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP			

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

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

Depth where McLane pumps were deployed

Comments: Fish from Event #4437, GT#10005

Brzezinski Si X
Thiols X

Total Volume (L): 18.5

#s	shallow pump
#m	mid pump
#d	deep pump