

U.S. GEOTRACES

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

Event #: 4240		Date: 11/22/13		Oxy Box: G		Salt Box: S									
Station #: 18		UTC Time (Cast Up): 00:40		Nut Box: blue		Trit Box: N/A									
Cast # 8 ODF-mid		UTC Time (Sampling Done): 01:53 (UF)													
Niskin	Nominal Depth	Geotraces Number	Unfiltered			Unfiltered			Unfiltered			Unfiltered	(Nisk)		
			Fine CFCs	Jenkins 3He	Altabet N2/Ar	ODF Oxy	OxyT	Casc. N2O	Bates DIC	Jenkins 14C-13C	ODF Nuts			ODF Salt	Jenkins 3H
CORER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	"13"
1	2350	8499	1	1R✓	1	1775	5.3		1	320	150	13✓	1✓		1
2	2325	8500	2	2R✓	2	1715	5.3		2	321	3542	14✓	2✓		2
3	2300#d	8501	3	3R✓	3	1087	5.5		3	322	3536	15✓	3✓		3
4	2275	8502	4	4✓	4	1689	5.5		4	323	3530	16✓	4✓		4
5	2250	8503	5	5✓	5	1842	5.7		5	324	3549	17✓	5✓		5
6	2225	8504	6	6✓	6	1392	5.8		6	325	155	18✓	6✓		6
7	2200#d#m	8505	7	7✓	7	1838	6.2		7	326	3537	19✓	7✓		7
8	2000#m	8506	8	8✓	8	627	6.0		8	327	3531	20✓	8✓		8
9	1800#m	8507	9	9✓	9	1718	6.2		9	328	159	21✓	9✓		9
10	1600#m	8508	10	10✓	10	1170	6.7		10	329	160	22✓	10✓		10
11	1400#m	8509	11	11✓	11	1717	6.9		11	330	3538	23✓	11✓		11
12	1200	8510	12	12✓	12	1309	7.5		12	331	4339	24✓	12✓		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:			JH	BL	BP	SMB	-		BP	(JH+BL)	SMB	SMB			
Comments:													(pg.1)	8.3	
# Depth where McLane pumps were deployed													(pg.2)	18.5	
NISKIN 1 = RETAKE ON He-3													Total Volume (L):	26.8	
NISKIN 2 = RETAKE ON He-3															
NISKIN 3 = RETAKE ON He-3															

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

U.S. GEOTRACES

Event #: ~~4135~~ 4240 Date: 11/22/13 → ~~11/22/2013~~ 11/22/2013 (OK)
 Station #: 18 UTC Time (Cast Up): ~~0527~~ 0040Z 0115 (start sampl. pg. 2)?
 Cast # 8 ODF-mid UTC Time (Sampling Done): 1:15 11/22/13 03:15 (just before start of 18/10)

Niskin	Nominal Depth	Geotracess Number	Filt.*	Filtered Acropak capsule**								Niskin	
			Carlson DOC	Casciotti 15N-Nitrite	Casciotti 15N-Nitrate	Lamborg Thiols	Brzezinski Si-Isotopes	Anderson Th/Pa	Pena Nd/REE	LDEO Archive	Acropak Capsule #		
CORER	X	X	X	X	X	X	X	X	X	X	X	X	"13"
1	2350	8499	✓	✓	✓	✓	1 liter	2763	2764	2765	P-13	1	
2	2325	8500	✓	✓	✓	✓	1 liter	X	X	X	P-14	2	
3	2300#d	8501	✓	✓	✓	✓	1 liter	2760	2761	2762	P-15	3	
4	2275	8502	✓	✓	✓	✓	1 liter	X	X	X	P-16	4	
5	2250	8503	✓	✓	✓	✓	1 liter	X	X	X	P-17	5	
6	2225	8504	✓	✓	✓	✓	1 liter	X	X	X	P-18	6	
7	2200#d#m	8505	✓	✓	✓	✓	1 liter	2757#c	2758	2759	P-19	7	
8	2000#m	8506	✓	✓	✓	✓	1 liter	2754#c	2755	2756	P-20	8	
9	1800#m	8507	✓	✓	✓	✓	1 liter	2751	2752	2753	P-21	9	
10	1600#m	8508	✓	✓	✓	✓	1 liter	2748#c	2749	2750	P-22	10	
11	1400#m	8509	✓	✓	✓	✓	1 liter	2745	2746	2747	P-23	11	
12	1200	8510	✓	✓	✓	✓	1 liter	2742#c	2743	2744	P-24	12	
Blanks	X	X	X	X	X	X	X	3319	3329	3330		"25"	
Approx. Volume (L):			0.1	0.1	0.3	0.2	2.2	5.2	5.2	5.2			
Sampler's Initials:													

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

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

Comments:

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

~~But~~ Sample "14" = Rob's waxy "wrecking ball" bottom sampler (see Sara)

GEOT # 8559