



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

Event #: 4425	Date: 12/12/13	Oxy Box: G	Salt Box: E
Station #: 32	UTC Time (Cast Up): 01:00 (ON 12/13/13)	Nut Box: purple	Trit Box: Q037
Cast #: 10 ODF-deep w/corer	UTC Time (Sampling Done): 02:04		

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	10066	X	X	X	X	X	X	X	X	X	X	X	X	"13"
1	4932	10067	1	1✓	1	1775	5.0	1		589	4459	1✓	1✓	1	1
2	4875	10068	2	2H✓	2	1715	5.8	2		589	83	2✓	2✓	2	2
3	4750	10069	3	3✓	3	1087	5.3	3		590	4116	3✓	3✓	3	3
4	4500	10070	4	4✓	4	1689	6.5	4		589	4383	4✓	4✓	4	4
5	4000#d	10071	5	5H✓	5	1842	5.8	5		591	4313	5✓	5✓	5	5
6	3750	10072	6	6H✓	6	1392	6.0	6		589	4123	6✓	6✓	6	6
7	3500#d	10073	7	7✓	7	1838	6.1	7		592	4117	7✓	7✓	7	7
8	3250	10074	8	8✓	8	627	6.5	8		589	4111	8✓	8✓	8	8
9	3000#d	10075	9	9✓	9	1718	6.0	9		593	4105	9✓	9✓	9	9
10	2900	10076	10	10H✓	10	1170	7.9	10		589	66	10✓	10✓	10	10
11	2800#d	10077	11	11✓	11	1717	9.6	11		594	97	11✓	11✓	11	11
12	2700	10078	12	12✓	12	1309	10.2	12		589	4112	12	12	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		EJH+BL	SMB	BL			

Comments:

Depth where McLane pumps were deployed

*H = HALF-TAKE FOR 3He ON NISKINS 2, 5, 6, 10

(pg.1) 8.3
(pg.2) 18.5
Total Volume (L): 26.8

U.S. GEOTRACES

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

Event #: 4425		Date: 12/12/13										
Station #: 32		UTC Time (Cast Up): 01:00 on 12/13/13										
Cast #: 10 ODF-deep w/corer		UTC Time (Sampling Done): 03:00 normal / 05:30 pressure filtration 12/13/13										
		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
CORER		10066	X	X	X	X	X	X	X	X	X	"13"
1	4932	10067	✓	✓	✓	X	1 liter	103***			P-025	1
2	4875	10068	✓	✓	✓	X	1 liter	102***			P-026	2
3	4750	10069	✓	✓	✓	X	1 liter	101***			P-027	3
4	4500	10070	✓	✓	✓	X	1 liter	X	X	X	P-028	4
5	4000#d	10071	✓	✓	✓	X	1 liter	2508	2509	2510	P-029	5
6	3750	10072	✓	✓	✓	X	1 liter	X	X	X	P-030	6
7	3500#d	10073	✓	✓	✓	X	1 liter	2505	2506	2507	P-031	7
8	3250	10074	✓	✓	✓	X	1 liter	X	X	X	P-032	8
9	3000#d	10075	✓	✓	✓	X	1 liter	2502	2503	2504	P-033	9
10	2900	10076	✓	✓	✓	X	1 liter	X	X	X	P-034	10
11	2800#d	10077	✓	✓	✓	X	1 liter	2499	2500	2501	P-035	11
12	2700	10078	✓	✓	✓	X	1 liter	2496	2497	2498	P-036	12
FISH	X	X	✓	X	X	X	X	X	X	X	X	"25"
Approx. Volume (L):			0.1	0.1	0.3	0.2	1.2	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: ***to get particulates, pressure filter with 47mm 0.45µm

Supor filters into cleaned 20 liter cubitainers. Acidified with 60 ml Savillex 6M Hcl

Brzezinski Si
Thiols1 liter
X

Total Volume (L): 17.5

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