

MAD (Moisture and Density) Logsheets - Balance and pycnometer measurements

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Exp. 392

Site/Hole V1579-A

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
1H2	90	CYL 11357131	30546	12.200	8.135	2.989	2	Balances tared. 13:45 UTC
1H5	50	CYL 11357141	30547	17.589	11.772	4.349	3	
2H2	89	CYL 11357161	30549	16.943	10.433	4.244	3	
2H5	69	CYL 1135791	30548	17.104	11.792	4.381	1	
3H2	115	CYL 11358161	30550	12.643	8.755	3.308	4	
3H5	92	CYL 11358171	30551	10.856	7.454	2.770	5	
4H2	86	CYL 11358221	30552	13.032	8.769	3.296	1	
4H5	90	CYL 11358231	30553	7.604	5.282	1.984	2	
5H2	91	11358281	30538	14.226	9.961	3.671	5	
5H5	92	11358291	30539	13.199	9.281	3.418	6	
6H2	93	11358361	30540	10.077	7.340	2.711	1	
6H5	52	11358371	30541	12.477	8.700	3.246	4	

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Site/Hole U1579 A / U1579B (starting 11F)

Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
7H2	89	CYL 11358521	30542	14.474 14.423	9.975	3.704	1	
7H5	65	CYL 11358531	30543	15.752	10.881	4.007	2	
8H2	110	CYL 11358681	30544	15.747	11.142	4.100	3	
8H5	100	CYL 11358711	30545	14.304	10.091	3.771	4	
11F2	90	CYL 11365311	30537	12.837	9.038	3.334	2	
12F2	106	CYL 11365901	30536	10.430	7.699	2.795	3	
13F2	110	CYL 11365941	30535	14.959	10.765	4.019	4	
14F2	65	CYL 11366561	30534	14.063	10.563	3.880	5	From darker colored interbed
15F2	75	CYL 11366631	30533	16.157	11.564	4.274	1	Balances tared 13.25 9/16/22 JTC
16F2	77	CYL 11366841	30532	15.134	10.187	3.946	3	
17F2	70	CYL 11366881	30531	11.341	7.974	2.969	4	
18F2	70	CYL 11366881	30530					

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Site/Hole U1579 B

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
18F2	79	11367151	30530	11.664	8.392	3.117	1	Balances tared 10:55 2/15/2022 UTC
19F2	90	11367571	30524	17.053	12.008	4.436	3	
20F2	84	11367761	30525	11.231	8.188	3.046	4	
21F2	74	11368071	30526	15.717	11.058	4.066	5	
22F2	90	11368091	30527	15.224	10.834	4.012	6	
23F2	89	11368281	30528	11.779	8.328	3.106	1	
24F2	70	11368301	30529	13.245	9.506	3.495	2	
25X2	89	11368391	28824	18.785	13.739	5.042	1	
25X4	709	11368401	28825	17.315	12.843	4.697	2	
26X1	81	11368741	28823	16.260	12.250	4.524	3	light ooze X 40
26X4	22	11368751	28817	17.932	14.104	5.129	5	dark ooze
27X2	65	11369011	28820	11.599	8.708	3.182	6	

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Site/Hole U 1579 C-B38D

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
B27X4	60	11369021	28821	11.074	8.200	3.049	1	
C25X4	2	11371561	28818	8.891	6.451	2.604	20	Chalk loose
C24X2	1	11371551	28819	9.543	7.064	2.352	1	Chalk loose
D5R3	69	11374721	28822	8.711	6.387	2.705	2	Balances tared 2:00pm 2/18/22
D5R3	126	11374891	31569	10.219	6.795	2.840	3	
D6R2	97	11375331	31567	8.735	6.721	2.503	4	
D6R4	93	11375341	31568	5.546	4.179	1.539	5	
D7R2	84	11376211	31565	7.687	5.931	2.183	3	
D7R5	66	11376221	31566	12.529	9.644	3.584	4	
D8R2	110	11373791	31564	8.839	6.745	2.472	1	
D9R2	77	11377541	31562	7.359	5.775	2.121	1	
D9R5	65	11377551	31563	7.644	6.083	2.217	2	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
10R2	54	11378051	31578	8.166	6.731	2.511	4	
10R5	88	11378061	31571	4.548	3.558	1.325	5	
11R2	43	11378451	31572	6.486	5.001	1.808	1	
11R5	121	11378461	31573	5.975	4.787	1.750	2	
12R2	50	11378651	31574	5.086	4.044	1.428	3	
12R5	52	11378661	31575	11.441	9.088	3.366	4	
13R2	79	11378971	31576	5.826	3.891	2.1.434	1	balances tared 13:30 20-02-22 UTC
13R5	72	11378981	31577	8.729	7.217	2.639	2	
14R2	148	11379451	31578	6.286	5.266	1.953	3	
14R5	30	11379461	31579	4.025	3.257	1.230	4	
15R2	41	11379581	31580	4.012	3.218	1.206	5	
15R5	47	11379591	31581	5.059	3.876			

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Site/Hole

D

Core/Section,	Offset, cm	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
18R2	31	11381081	31582	6.745	5.707		2	
18R5	23	11381091	31583	6.948	5.671		3	
19R1	65	11381601	31584	5.813	4.533	1.710	4	
20R2	48	11381611	31585	5.565	11.871	4.338	5	
21R3	76	11382031	31586	9.006	7.110	4.635	1	
21R4	1	11382041	31587	5.041	4.039	1.470	3	
22R2	54	11382431	31588	5.296	4.207	1.562	4	
22R4	41	11382441	31589	4.558	3.731	1.372	5	
23R2	0	CYL 11382831	31590	4.676	3.860	1.435	1	
23R5	44	CYL 11382841	31591	4.864	3.751	1.372	2	
24R2	61	CYL 11383241	31592	4.585	3.542	1.310	4	
24R4	11	CYL 11383251	31593	4.579	3.543	1.271	5	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
25R2	73 73	CYL 11383601	31594	6.222	4.720	1.737	1	
26R2	32	CYL 11383641	31596	11.005	8.609	3.188	2	
27R2	85	CYL 11383931	31596	5.136	4.050	1.449	3	
27R5	42	CYL 11383941	31597	7.048	5.427	2.047	5	
28R2	4	CYL 11384441	31598	6.265	4.990	1.870	6	
28R5	56	CYL 11384451	31599	4.309	3.599	1.343	1	
29R2	74	CYL 11384501	31600	6.405	5.013	1.852	1	
30R2	98	CYL 113845731	31601	7.611	5.718	2.080	2	
31R2	148	CYL 11384881	31602	3.878	3.084	1.122	3	
31R5	93	CYL 11384891	31603	3.772	2.889	1.065	4	
32R2	111	CYL 11385111	31604	5.280	3.975	1.458	5	

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Site/Hole

U1579/D

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
34R1	28	11386151	316056	5.504	4.872	1.752	2	
35R1	47	11386161	316046	5.586	5.046	1.832	3	
35R2	65	11386171	316077	5.590	5.624	2.103	4	
36R2	114	11386771	31608	7.618	5.978	2.214	1	
36R5	45	11386781	31609	5.343	4.359	1.611	3	
37R2	82	11386941	31616	7.818	6.163	2.298	4	
37R5	46	11386951	31617	6.639	5.316	1.955	5	
38R1	62	11387191	31614	6.986	5.592	2.086	6	
38R3	40	11387201	31615	6.592	5.180	1.910	1	
39R2	0	CYL 11387521	31613	6.028	4.538	1.684	1	
40R2	30	CYL 11387601	31612	6.638	5.526	2.009	2	
40R5	24	CYL 11387611	31611	4.663	3.691	1.379	4	

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Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
41R2	92	CYL 11388021	31610	6.168	4.975 6.558	1.822	6	
42R2	23	CYL 11388231	31608	7.724	6.532	2.397	5	
43R2	42	CYL 11388541	31619	4.660	3.887	1.394	2	
44R2	74	CYL 11388861	31620	12.101	10.253	3.772	3	
45R1	112	11389281	31621	6.629	5.477	1.996	1	Balances tared 10:25 2/21/22 UTC
45R3	80	11389291	31622	6.812	5.644	2.077	2	
46R3	60	11389721	31624	5.340	4.306	4.577 4.878	1	
46R5	19	11389731	31623	8.100	6.706	2.503	2	
47R2	52	11390181	31626	9.060	7.875	2.865	3	
47R5	65	11390171	31627	8.381	7.299	2.637	5	
48R2	88	11390571	31628	6.717	5.906	2.159	1	
48R5	135	11390581	31629	14.443	12.575	4.628	2	

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Site/Hole

U1579 D

Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnometer cell #	Comments
49R2	29	11390661	31630	9.362	8.067	3.082	3	
49R5	71	11390671	31631	9.653	8.253	3.041	4	
50R2	38	11391171	31632	6.430	5.326	1.982	1	
50R5	84	11391181	31633	9.238 ⁴²	8.421	3.117	1	SHOULD BE 8.421! Reddish colored, harder interval
51R2	97	11391561	31635	6.210	5.799	2.097	3	
51R6	109	11391571	31634	5.246	4.786	1.728	2	
52R2	78	11392001	31635	6.064	5.572	2.065	2	
52R5	57	11392011	31636	4.354	4.013	1.430	1	
53R1	99	11392271	31637	6.524	6.128	2.196	2	
53R4	27	11392281	31638	5.911	5.512	1.963	2	
54R1	119	11392961	31640	5.873	4.275	1.516	5	
54R2	48	11392951	31639	4.760	5.245	1.852	4	

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Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
55R2	84	11393291	31641	4.395	3.334	1.215	2	
55R5	108	11393301	31642	4.412	3.265	1.239	3	
56R2	91	11394021	31643	4.026	3.175	1.281	1	
56R6	78	11394031	31644 31644	6.518	4.968	1.926	3	
57R2	54	11394441	31645	3.638	2.991	1.172	4	
57R4	137	11394451	31646	6.019	4.743	1.812	5	
58R2	75	11394511	31647	5.968	4.599	1.826	3	
58R5	44	11394601	31648	5.148	3.472	1.336	4	
59R3	100	11393821	31649	6.955	5.305	2.118	1	
59R5	102	11393881	31650	4.410	3.335	1.298	2	
60R1	15	11394121	31651	4.928	4.060	1.422	1	
60R3	65	11394181	31652	6.763	5.242	1.882	2	

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[illegible]

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Site/Hole U1579D

[illegible]

MAD (Moisture and Density) Logsheet - Balance and pycnometer measurements

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Site/Hole W580

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
IR5	86	ORL 11398891	31658	17.414	12.325 8.111	4.555	1	
IR3	134	ORL 11398901	31657	11.525	8.111	2.966	2	
ZR5	52	ORL 11399361	31659	16.231 37.114	11.560	4.244	3	← Mistakenly first measured as container O. Placed in oven for 4 min and then reweighed
3R2	45	113997691	31660	9.538	7.705	2.804	1	
4R2	65	113998001	31661	15.614	12.278	4.488	2	
4R5	80	113998091	31662	9.797	6.210 7.765	2.822	3	
5R2	40	113998521	31663	7.554	6.210	2.092	4	
5R1	90	113998581	31664	9.216	7.823	2.869	5	
6R2	52	113999001	31665	7.273	6.262	2.302	1	
6R5	66	113999091	31666	6.043	5.471	2.015	2	
7R1	55	113999391	31667	5.531	5.207	1.887	3	PFTM

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Site/Hole U1580A

26/02/22

Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
8R11	26	11399851	31668	7.418	6.481	2.401	2	
8R13	56	11399911	31669	6.552	5.828	2.112	3	
9R2	63	CYL 11401721	31670	7.586	5.947	2.160	4	For 26.2330 balances when tared. Were 31660-31669 tared - these were at -1.03g ~1.03g too light?
9R5	22	CYL 11401731	31671	8.492	6.584	2.433	5	
10R2	05	CYL 11402061	31672	11.313	8.924	3.273	6	
11R2	96	CYL 11402331	31673	5.334	4.238	1.598	2	
12R4	15	CYL 11402341	31674	7.237	5.671	2.115	3	
13R2	37	CYL 11402641	31675	9.266	7.288	2.436	4	
13R2	12	CYL 11402651	31676	8.260	6.685	2.506	5	
14R2	30	CYL 11403261	31677	9.869	7.883	2.916	1	
15R2	44	11402531	31678	6.945	4.882	1.809	3	
16R1	90	11402811	31679	11.982	8.936	3.284	4	

MAD (Moisture and Density) Logsheet - Balance and pycnometer measurements

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Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
17R2	65	11403031	31680	10.045	7.877	2.894	5	
18R2	19	11403331	31681	6.705	5.265		1	
18R5	53	11403421	31682	6.930	5.477		2	
19R1	54	11403601	31683	7.394	5.854	2.191	1	
20R2	55	11403911	31684	8.689	6.593	2.421	2	
21R2	56	11404391	31685	10.352	9.067	3.593	1	
21R5	100	11404481	31686	7.691	6.284		2	
23R2	98	CYL 11406311	31687	8.424	7.293		3	
24R1	86	CYL 11406571	31688	7.504	6.627	2.426	1	
24R4	56	CYL 11406581	31689	7.412	6.039	2.220	2	
25R1	49	11407361	31691	6.909	5.627 7.060	2.047	84	
26R2	46	11407351	31690	8.536	7.060	2.580	3	

MAD (Moisture and Density) Logsheet - Balance and pycnometer measurements

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Site/Hole V1580/A

28-02-22

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
27R-1	56	11406371	31692	7.766	6.714	2.430	5	green band
27R-3	39	11406431	31693	11.807	10.344	3.793	2	white band
28R-1	72	11408101	31694	12.857	11.046	4.075	3	
28R-4	63	11408111	31695	8.068	7.106	2.603	4	check 2g
29R-2	87	11407141	31696	5.423	4.854	1.754	5	
29R-5	91	11407231	31697	8.164	6.813	2.527	6	
30R-1	70	11407411	31698	7.981	6.362	2.436	1	
30R-4	41	11407501	31699	7.640	6.571	2.373	3	
31R-1	8	11407771	31700	10.223	9.019	3.286	4	
31R-7	4	11407951	31701	10.145	7.531	2.764	5	
32R-2	69	CYL 11411731	31702	11.476	8.161	3.078	1	balances fixed (0.005g)
32R-5	110	CYL 11411741	31703	7.617	5.241	1.987	2	

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Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
33R2	57	CYL 11412091	31704	6.674	4.965	1.868	4	
33R5	36	CYL 11412101	31705	6.523	4.810	1.771	5	
34R2	68	CYL 11412561	32570	7.608	5.953	2.236 2.273	1	
34R5	128	CYL 11412571	32571	9.233	6.831	2.518	2	
35R2	81	11410061	32574	5.672	3.773	1.350	3	
35R5	15	11410181	32573	6.925	4.478	1.613	5	
36R2	30	11410571	32574	8.499	5.841	2.137	1	
36R5	106	11410661	32575	6.213	4.227	1.518	2	
37R2	54	11411881	32576	7.563	5.108	1.911	3	
37R6	71	11411201	32577	7.779	5.080	1.825	5	
38R2	5	CYL 11413741	32578	8.426	6.373	2.584	1	Balances tared (0.008g)
38R6	82	CYL 1141374051	32579	4.606	3.637	1.512	2	

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Site/Hole U1580A

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
39R-21	50	CYL 11414041	32580	8480	6.763	2.432	3	
39R-5	52	CYL 11414051	32581	8780	6.715	2.578	4	
40R-1	99	CYL 11414131	32582	6626	5.358	2.089 2.089	1	
40R-6	98	CYL 11414141	32583	8814	7.999	2.924	2	Tared (0.0009g)
41R-1	57	11413001	32584	5.670	4.550 2.008	1.655	3	Balance tared (0.004g)
42R-1	80	11413191	32585	7.124	5.836	2.187	4	
42R-3	39	11413251	32586	7.210	6.193	2.245	5	
45R-1	41	11413811	0	15.424	14.225	5.035	1	Ret. cup: 1.02g VMR. cup: 1.043 11.40 3/3
46R-1	58	11414711	32587	7.433	6.324	2.300	2	
49R-3	11	11415311 10112	0	0				
48R-6	72	11414891	0	6.949	6.512	2.262	4	dared without cups and measured without cups
47R-2	59	11415471	0	11.281	10.468	3.726	3	

11415471

MAD (Moisture and Density) Logsheet - Balance and pycnometer measurements

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
49R3	11	11416301	0	17.788	16.438	5.956	1	
50R2	11	11417411	0	17.235	16.295	5.780	1	
51R2	6	11417421	0	15.314	14.199	5.070	2	
54R3	8	11417401	0	16.033	15.516	5.280	1	
52R3	3/5	11417761	0	15.389	14.630	5.117	1	
53R3	97	11418111	0	13.666	13.137	9.530	2	
56R1	58	11417781	0	14.281	13.531	9.650	1	
57R1	99	11418131	32588	6.033	4.875	1.746	3	
58R1	27	11418271	32589	6.158	5.285	1.962	4	
55R5	4	11418631	-	15.865	15.171	5.246	2	
60R1	81	11419931	32590	4.459	3.760	1.364	2	
61R1	33	11419941	32591	6.034	5.212	1.836	3	

MAD (Moisture and Density) Logsheets - Balance and pycnometer measurements

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Site/Hole V1580A

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
59R1	145	CXL 11419631	0	15.654	65.347		1	
62R1	39	11420401	-	3.031	2.885		1	rocking small and brittle
63R-2	16	11420381	-	15.738	15.290		2	
64R-2	73	11421291	-	19.745	19.162	6.502	1	
65R1	34	11421501	-	12.763	12.472	4.387	2	
66R1	37	11421441	-	18.445	17.848	5.969	2	
67R1	52	11421461	-	16.503	15.963 17.845	5.374	3	rocking small and brittle
68R1	92	11421511	-	19.747	19.206	6.483		