

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

Exp. 382

Site/Hole U1538A

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
1 H 3	70	CYL 9963321	29842	9.725	2.569	1.102	1	
1 H 4	70	CYL 9963331	29843	10.499	2.078	0.906	3	
1 H 6	30	CYL 9963341	29844	10.742	2.977	1.261	4	
2 H 3	70	CYL 9964411	29845	13.449	3.978	1.639	5	
2 H 5	70	CYL 9964421	29846	10.610	3.270	1.288	6	
2 H 7	65	CYL 9964431	29847	14.215	7.090	2.729	1	
3 H 2	70	CYL 9965051	29848	12.122 12.122	5.868	2.269	2	
3 H 4	70	CYL 9965061	29849	11.866	5.307	2.107	4	
3 H 5	75	CYL 9965071	29850	12.588	6.521	2.515	5	
4 H 2	70	CYL 9966021	29851	12.651	4.898	1.903	6	
4 H 4	70	CYL 9966031	29852	13.845	7.346	2.847	5	
4 H 6	70	CYL 9966041	29853	10.489	3.363	1.445	6	

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10+5

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5H2	75	CYL 9966821	29854	8.963	3.318	1.359	1	
5H4	75	CYL 9966831	29855	10.503	3.712	1.526	2	
5H6	75	CYL 9966841	29856	7.284	4.097	1.648	3	
6H2	60	CYL 9967441	29857	17.848	10.476	3.918	4	likely disturbed, careful w/ interpretation
6H3	40	CYL 9967451	29858	16.326	10.384	3.846	5	
6H5	120	CYL 9967461	29859	13.466	5.086	2.328	4	
7H1	90	CYL 9968241	29860	10.007	3.759	1.591 3.759	1	
7H4	90	CYL 9968251	29861	10.001	3.633	1.538 3.633	2	
7H6	30	CYL 9968261	29862	11.853	5.357	5.357 2.264	3	
8H2	76	CYL 9969101	29863	10.989	3.860	1.619	1	
8H4	50	CYL 9969111	29864	13.859	5.784	2.388	2	
9H2	68	CYL 9969101	29865	11.571	4.151	1.779	3	

15H
16H

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9H4	64	CYL 9969711	29866	14.170 14.170	7.295	2.881	5	
9H6	50	CYL 9969724	29867	17.715	11.355	4.216	6	
10H3	80	CYL 9971341	29868	17.341	11.096	4.091	2	
10H5	84	CYL 9971351	29869	12.104	5.171	2.171	3	
10H7	48	CYL 9971361	29870	17.301	10.832	4.067	4	
11H1	80	CYL 9972331	29871	13.504	7.528	2.922	1	
11H3	40	CYL 9972341	29872	9.940	3.836	1.613	2	
11H6	80	CYL 9972351	29873	12.071	5.402	2.258	3	
12H2	80	CYL 9973581 99723581	29874	12.823	5.954	2.420	4	
12H3	20	CYL 9973591	29875	12.883	7.007	2.725	5	
12H5	35	CYL 9973601	29876	13.915	9.394	3.538	1	
13H1	100	CYL 9974561	29877	11.711	6.061	2.401	2	

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Freeze H

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13H7	50	CYL 9974571	29878	10.533	4.15	1.781	3	
13H8	50	CYL 9974581	29879	9.415	3.766	1.593	4	
14H1	90	CYL 9975541	29880	10.350	4.220	1.778	5	
14H3	90	CYL 9975551	29881	10.851	4.804	1.944	1	
14H5	90	CYL 9975561	29882	12.445	7.949	2.919	2	
15H2	96	CYL 9976351	29883	17.616	11.926	4.348	2	
15H4	34	CYL 9976361	29884	14.812	9.232	3.539	3	
15H7	44	CYL 9976371	29885	13.480	6.183	2.499	4	
16H1	74	CYL 9976851	29886	14.293	7.582	3.001	5	
16H3	74	CYL 9976861	29887	16.639	10.485	3.978	6	
16H5	60	CYL 9976871	29888	16.150	9.970	3.820	1	
17H1	84	CYL 9977041	29889	11.923	5.727	2.334	2	

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17H3	50	CYL 9977051	29890	13.256	6.684	2.703	3	
17H5	56	CYL 9977061	29891	12.525	6.196	2.516	4	
18H1	91	CYL 9977681	29892	15.241	8.696	3.422	1	
18H3	72	CYL 9977691	29893	13.229	7.010	2.832	2	
18H5	64	CYL 997701	29894	18.257	12.066	4.466	3	
19H1	70	CYL 9978471	29895	18.417	12.374	4.539	4	
19H3	68	CYL 9978481	29896	17.748	12.001	4.432	5	
19H5	90	CYL 9978491	29897	15.673	8.974	3.556	1	
20H1	55	CYL 9979641	29898	11.390	5.549	2.300	1	
20H4	55	CYL 9979651	29899	13.577	7.981	3.118	2	
20H6	55	CYL 997661	29900	15.904	10.910	4.054	3	
21H3	85	CYL 9980631	29901	14.772	9.612	3.664	4	

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21 H 5	90	CYL 9980641	29902	12.574	6.857	2.777	5	
21 H 7	30	CYL 9980651	29903	12.226	6.917	2.759	1	
22 H 2	25	CYL 9981521	29904	13.807	9.666	3.582	2	
22 H 4	40	CYL 9981531	29905	14.165	9.380	3.591	3	
22 H 6	20	CYL 9981541	29906	13.867	8.776	3.414	4	
23 H 1	75	CYL 9982081	29907	12.025	6.630	2.624	5	
23 H	75	CYL 9982091	29908	11.156	6.209	2.459	1	
24 H 2	74	CYL 9982871	29909	17.792	12.250	4.410	1	
25 H 24 H 4	80	CYL 9982881	29910	19.684	13.719	5.052	2	
24 H 6	72	CYL 9982891	29911	16.342	10.498	4.007	4	
26 H 3	69	CYL 9983271	29912	17.428	11.137	4.224	5	
26 H 5	69	CYL 9983281	29913	17.556	10.850	4.152	6	

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26H7	48	CYL 9983291	29914	12.078	6.676	2.678	1	
27H1	62	CYL 9983691	29915	12.541	6.206	2.531	2	
27H3	72	CYL 9983701	29916	15.599	9.114	3.516	3	
27H5	39	CYL 9983711	29917	17.740	11.888	4.399	5	
28H2	70	CYL 9984251	29918	14.762	8.546	3.288	6	
28H4	80	CYL 9984361	29919	15.373	8.480	3.373	1	
28H6	70	CYL 9984371	29920	14.182	8.319	3.240	2	
29H2	74	CYL 9984741	29921	18.398	12.693	4.629	3	
29H4	70	CYL 9984751	29922	15.162	8.752	3.435	4	
30 H 2	70	CYL 9985481	29923	12.985	6.589	2.715	1	
30 H 4	70	CYL 9985491	29924	10.882	6.056	2.417	2	
30 H 6	70	CYL 9985501	29925	12.685	7.073	2.806	3	

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31 F 1	70	CYL 9985931	29926	12.032	6.111	2.468	4	
31 F 3	70	CYL 9985941	29927	12.138 2	7.289	2.825	5	
32 F 1	70	CYL 9985951	29928	10.794	5.972	2.445	1	
32 F 3	70	CYL 9985961	29929	12.787	6.789	2.750	2	
33 F 1	60	CYL 9986241	29930	11.073	5.201	2.174	3	
33 F 3	60	CYL 9986251	29931	10.888	5.561	2.275	4	
34 F 1	70	CYL 9986821	29932	10.305	5.126	2.101	5	
34 F 3	70	CYL 9986831	29933	10.957	5.444	2.254	1	
35 F 1	70	CYL 9986841	29934	12.085	5.824	2.433	2	
35 F 3	70	CYL 9986851	29935	12.219	6.190	2.610	3	
36 X 3	120	CYL 9987221	29936	14.498	7.706	3.036	1	
36 X 6	22	CYL 9987231	29937	10.600	6.116	2.395	2	

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36 X 7	14	CYL 9987241	29938	11.876	7.708	2.923	3	
37 X 2	79	CYL 9987621	29939	5.525	2.822	1.158	4	
37 X 4	77	CYL 9987631	29940	5.465	2.807	1.129	5	
38 X 3	77	CYL 9988221	29941	5.564	3.329	1.294	2	
38 X 5	107	CYL 9988231	29942	6.650	3.497	1.448	3	
39 X 2	71	CYL 9988651	29943	5.864	3.120	1.258	4	
39 X 5	75	CYL 9988661	29944	6.184	3.529	1.384	5	
40 X 2	76	CYL 9989031	29945	5.102	2.714	1.029	6	
40 X 5	80	CYL 9989041	29946	6.985	4.011	1.578	1	
41 X 1	79	CYL 9989411	29947	7.171	4.141	1.628	2	
41 X 3	66	CYL 9989421	29948	6.636	3.749	1.444	3	
42 X 2	47	CYL 9989621	29949	10.572	6.272	2.461	1	

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42 X 4	47	CYL 9989631	29950	13.386	8.680	3.336	2	
* 42 X 5	113	CYL 9989641	29951	10.886	5.127 6.182	2.543	3.2	
43 X 1	139	CYL 9990171	29952	11.731	6.227 6.182	2.543 2.550	4.3	
43 X 2	67	CYL 9990181	29953	12.179	6.985 6.321	2.550 2.713	5.4	
43 X 4	15	CYL 9990191	29954	11.471	8.520 6.985	2.713	5	
44 X 2	20	CYL 9990291	29955	12.532	8.520	3.213	1	
44 X 3	25	CYL 9990301	29956	11.556	7.084	2.769	2	
45 X 1	74	CYL 9990421	29957	13.077	8.957	3.328	3	
45 X 2	12	CYL 9990431	29958	11.105	6.405	2.443	4	
46 X 1	64	CYL 9990581	29959	11.767	8.274	3.026	5	
46 X 3	64	CYL 9990591	29960	13.680	9.131	3.399	2	
46 X 5	23	CYL 9990601	29961	14.081	9.885	3.631	3	

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47 X 1	68	CYL 9990801	29962	13.203	9.120	3.373	4	
47 X 3	37	CYL 9990811	29963	12.677	8.315	3.175	5	
48 X 1	74	CYL 9991001	29964	5.304	3.377	1.265	1	
48 X 3	86	CYL 9991011	29965	6.972	4.895	1.819	3	
49 X 1	108	CYL 9991211	29966	6.791	4.896	1.842	4	
49 X 3	76	CYL 9991221	29967	7.058	4.692	1.759	5	
50 X 2	66	CYL 9991421	29968	5.568	3.367	1.284	6	
50 X 5	74	CYL 9991431	29969	7.027	4.664	1.734	1	
51 X 1	60	CYL 9991811	29970	6.022	3.599	1.377	2	
52 X 1	98	CYL 9991911	29971	5.458	2.457	1.016	51	
53 X 2	76	CYL 9991971	29972	4.745	2.517	0.992	5	
53 X 4	68	CYL 9991981	29973	4.610	2.232	0.888	6	

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54X1	92	CYL 9992601	29974	7.736	3.763	1.587	1	
54X3	93	CYL 9992611	29975	6.875	3.321	1.381	2	
56X1	33	CYL 9993001	29976	7.865	4.103	1.668	3	
56X5	83	CYL 9993011	29977	11.022	5.462	2.269	5	
57X2	10	OTHR 9993171	29402 29978	11.358	6.096	2.478	6	
58X1	83	OTHR 9993181	29403 29979	8.527	4.950	1.977	1	
58X1	67	OTHR 9993671	29404 29980					
59X1	67	OTHR 9993671	29404	10.367	5.716	2.274	2	
59X3	18	OTHR 9993681	29405	10.999	5.630	2.277	3	
59X5	82	OTHR 9993691	29406	8.336	4.250	1.786	4	
60X2	32	OTHR 9994021	29407	9.707	5.568	2.121	6	
61X1	64	OTHR 9994031	29408	12.280	6.937	2.747	3	

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61 X 3	64	OTHR 9994041	29409	10.258	5.152	2.215	4	
62 X 1	44	OTHR 9994201	29410	9.507	5.190	2.081	5	
65 X 1	80	CYL 9995021	29411	5.932	2.954 2.176	1.251 2.954	1	
65 X 4	40	CYL 9995031	29412	5.183	2.659	1.111	2	
65 X 1	63	CYL 9995111	29413	2.915	1.520	0.638	3	
69 X 2	48	CYL 9995501	29414	4.651	2.952	1.166	4	
72 X 1	51	CYL 9995871	29415	5.049	3.069	1.221	5	
73 X 1	108	CYL 9995881	29416	4.388	2.552	0.969	6	
74 X 1	59	CYL 9997251	29417	12.036	6.997	2.827	2	
75 X 2	67	CYL 9997261	29418	7.503	5.089	1.904	3	