

Bulk Density Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
1A	9.83	3.52	13.28	3.45	0.07	1.99
1B	9.92	3.56	13.41	3.49	0.07	1.97
1C	11.47	3.50	14.87	3.40	0.10	2.86
1D	11.93	3.57	15.43	3.50	0.07	1.96
1E	11.79	3.90	15.63	3.84	0.06	1.54

Organic Matter Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
1A	9.83	3.52	13.28	3.45	0.07	1.99
1B	9.92	3.56	13.41	3.49	0.07	1.97
1C	11.47	3.50	14.87	3.40	0.10	2.86
1D	11.93	3.57	15.43	3.50	0.07	1.96
1E	11.79	3.90	15.63	3.84	0.06	1.54

pH

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
1A	9.83	3.52	13.28	3.45	0.07	1.99
1B	9.92	3.56	13.41	3.49	0.07	1.97
1C	11.47	3.50	14.87	3.40	0.10	2.86
1D	11.93	3.57	15.43	3.50	0.07	1.96
1E	11.79	3.90	15.63	3.84	0.06	1.54

Beaker ID	Beaker Weight (g)	Beaker/Soil (g)	Soil Weight	Oven Dried (g)	Water in Sample (ml)	Oven Dried Soil Weight (g)
0-6"	166.21	456.19	289.98	437.67	18.52	271.46
6-12"	162.95	455.08	292.13	435.36	19.72	272.41
12-24"	409.77	982.50	572.73	946.61	35.89	536.84
24-36"	399.80	966.08	566.28	933.18	32.90	533.38
36-48"	405.63	922.37	516.74	893.28	29.09	487.65

Bulk Density (Volume)

Beaker ID	Bulk Density	(Volume)
1A	1.56	173.66
1B	1.57	173.66
1C	1.55	347.32
1D	1.54	347.32
1E	1.40	347.32

Bulk Density Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
2A	11.46	3.63	14.81	3.35	0.28	7.71
2B	12.02	3.73	15.63	3.61	0.12	3.22
2C	11.76	3.60	15.21	3.45	0.15	4.17
2D	11.77	3.86	15.53	3.76	0.10	2.59
2E	11.73	3.52	15.19	3.46	0.06	1.70

Beaker ID

Bulk Density

(Volume)

pH

2A	1.59	173.66	4.50
2B	1.47	173.66	5.04
2C	1.68	347.32	6.36
2D	1.67	347.32	7.47
2E	1.47	347.32	7.85

Organic Matter Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
2A	11.46	3.63	14.81	3.35	0.28	7.71
2B	12.02	3.73	15.63	3.61	0.12	3.22
2C	11.76	3.60	15.21	3.45	0.15	4.17
2D	11.77	3.86	15.53	3.76	0.10	2.59
2E	11.73	3.52	15.19	3.46	0.06	1.70

Beaker/Soil

Mass of

Oven Dried

Beaker ID	Beaker Weight (g)	Beaker/Soil (g)	Soil Weight (g)	Oven Dried (g)	Water in Sample (ml)	Soil Weight (g)
2A	161.71	464.45	302.74	438.38	26.07	276.67
2B	160.34	439.30	278.96	415.63	23.67	255.29
2C	405.65	1044.52	638.87	988.29	56.23	582.64
2D	405.04	1045.23	640.19	983.34	61.89	578.30
2E	411.53	976.41	564.88	922.63	53.78	511.10

Bulk Density Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
3A	12.69	3.56	16.10	3.41	0.15	4.21
3B	11.48	3.92	15.27	3.79	0.13	3.32
3C	12.39	3.63	15.93	3.54	0.09	2.48
3D	11.62	3.58	15.14	3.52	0.06	1.68
3E	11.15	3.83	14.93	3.78	0.05	1.31

Beaker ID	Bulk Density	(volume)	pH
3A	1.40	173.66	5.57
3B	1.43	173.66	6.14
3C	1.49	347.32	7.12
3D	1.50	347.32	7.80
3E	1.33	347.32	8.89

Organic Matter Data

Beaker ID	Beaker Weight (g)	Beaker/Soil (g)	Soil Weight	Oven Dried (g)	Water in Sample (ml)	Oven Dried Soil Weights (g)	
0-6"	3A	161.46	435.90	274.44	403.90	32.00	242.44
6-12"	3B	161.15	436.52	275.37	409.31	27.21	248.16
12-24"	3C	405.21	976.19	570.98	924.28	51.91	519.07
24-36"	3D	406.22	974.67	568.45	925.86	48.81	519.64
36-46.5"	3E	411.46	918.17	506.71	873.56	44.61	462.10

Bulk Density Data

Beaker ID	Beaker Weight (g)	Beaker/Soil (g)	Soil Weight (g)	Beaker/Soil Oven Dried (g)	Mass of Water in Sample (ml)	Oven Dried Soil Weights (g)
0-6"	4A	159.49	461.64	439.97	21.67	280.48
6-12"	4B	160.79	446.73	425.80	20.93	265.01
12-24"	4C	406.30	1035.98	996.71	39.27	590.41
24-36"	4D	404.41	1061.37	1003.58	57.79	599.17
36-48"	4E	403.58	1000.11	910.09	90.02	506.51

Beaker ID Bulk Density (volume)

4A	1.62	173.66	5.15
4B	1.53	173.66	6.33
4C	1.70	347.32	8.29
4D	1.73	347.32	8.71
4E	1.46	347.32	8.02

pH

Organic Matter Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
4A	12.30	3.60	15.78	3.48	0.12	3.33
4B	11.21	3.90	15.00	3.79	0.11	2.82
4C	11.86	3.80	15.58	3.72	0.08	2.11
4D	12.12	3.89	15.93	3.81	0.08	2.06
4E	11.94	3.83	15.74	3.80	0.03	0.78

Bulk Density Data

Beaker ID	Beaker Weight (g)	Beaker/Soil (g)	Soil Weight (g)	Beaker/Soil Oven Dried (g)	Water in Sample (ml)	Oven Dried Soil Weights (g)
0-6"	5A	164.88	465.10	300.22	445.12	280.24
6-12"	5B	161.93	476.99	315.06	453.12	291.19
12-24"	5C	407.42	1077.00	669.58	1017.52	610.10
24-36"	5D	407.74	1082.44	674.70	1010.78	603.04
36-46"	5E	410.41	961.00	550.59	895.42	485.01

Beaker ID	Bulk Density	(Volume)	pH
5A	1.61	173.66	5.09
5B	1.68	173.66	6.16
5C	1.76	347.32	7.67
5D	1.74	347.32	8.41
5E	1.40	347.32	8.63

Organic Matter

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
5A	13.75	3.86	17.49	3.74	0.12	3.11
5B	12.33	3.68	15.91	3.58	0.10	2.72
5C	12.46	3.88	16.23	3.77	0.11	2.84
5D	13.28	3.63	16.83	3.55	0.08	2.20
5E	13.82	3.90	17.68	3.86	0.04	1.03

Bulk Density Data

Beaker ID	Beaker Weight (g)	Beaker/Soil (g)	Soil Weight (g)	Oven Dried (g)	Mass of Water in Sample (ml)	Oven Dried Soil Weights (g)	
0-6"	6A	106.66	446.94	340.28	423.16	23.78	316.50
6-12"	6B	162.31	414.72	252.41	393.94	20.78	231.63
12-24"	6C	407.41	963.48	556.07	914.84	48.64	507.43
24-36"	6D	404.42	943.17	538.75	897.24	45.93	492.82
36-47"	6E	409.22	887.52	478.30	848.62	38.90	439.40

Beaker ID Bulk Density (Volume)

6A	1.82	173.66	7.20
6B	1.33	173.66	7.31
6C	1.46	347.32	7.69
6D	1.42	347.32	8.01
6E	1.27	347.32	8.33

pH

Organic Matter Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
6A	11.41	3.89	15.17	3.76	0.13	3.34
6B	12.24	3.62	15.73	3.49	0.13	3.59
6C	10.91	3.64	14.43	3.52	0.12	3.30
6D	11.43	3.64	15.01	3.58	0.06	1.65
6E	11.77	3.68	15.39	3.62	0.06	1.63

Bulk Density Data

Soil Depth	Beaker ID	Beaker Weight (g)	Beaker/Soil (g)	Soil Weight (g)	Oven Dried (g)	Water in Sample (ml)	Oven Dried Soil Weights (g)
0-6"	7A	162.42	456.34	293.92	443.38	12.96	280.96
	7B	160.98	472.08	311.10	455.76	16.32	294.78
	7C	406.35	947.19	540.84	907.60	39.59	501.25
12-24"	7D	406.11	978.58	572.47	932.94	45.64	526.83
24-36"	7E	405.27	970.56	565.29	922.55	48.01	517.28
36-47"							

Beaker ID	Bulk Density	(Volume)	pH
7A	1.62	173.66	6.95
7B	1.70	173.66	7.38
7C	1.44	347.32	7.21
7D	1.52	347.32	7.49
7E	1.49	347.32	8.04

Organic Matter Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
7A	11.94	3.55	15.46	3.52	0.03	0.85
7B	11.67	3.65	15.19	3.52	0.13	3.56
7C	11.46	3.95	15.32	3.86	0.09	2.28
7D	12.25	3.96	16.13	3.88	0.08	2.02
7E	12.38	3.60	15.92	3.54	0.06	1.67

Bulk Density Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
8A	11.18	3.93	15.13	3.95	-0.02	-0.51
8B	11.15	3.79	14.86	3.71	0.08	2.11
8C	11.80	3.65	15.38	3.58	0.07	1.92
8D	12.67	3.91	16.54	3.87	0.04	1.02
8E	11.78	3.66	15.36	3.58	0.08	2.19

Beaker ID

Bulk Density

(volume)

pH

8A	1.71	173.66	173.66	7.28
8B	1.78	173.66	173.66	7.30
8C	1.51	347.32	347.32	7.44
8D	1.65	347.32	347.32	8.10
8E	1.70	347.32	347.32	8.37

Organic Matter Data

Beaker ID	Crucible Weight	Soil Weight	Combusted Weight	Combusted Soil Weight	OM Weight	%OM
8A	11.18	3.93	15.13	3.95	-0.02	-0.51
8B	11.15	3.79	14.86	3.71	0.08	2.11
8C	11.80	3.65	15.38	3.58	0.07	1.92
8D	12.67	3.91	16.54	3.87	0.04	1.02
8E	11.78	3.66	15.36	3.58	0.08	2.19

Beaker/Soil

Oven Dried (g)

Water in Sample (ml)

Soil Weights (g)

0-6"	8A	160.35	474.14	313.79	457.70	16.44	297.35
6-12"	8B	161.57	493.36	331.79	470.24	23.12	308.67
12-24"	8C	405.19	982.79	577.60	930.79	52.00	525.60
24-36"	8D	404.68	1,033.51	628.83	977.00	56.51	572.32
36-47"	8E	411.43	1,075.88	664.45	1,001.69	74.19	590.26