

## Appendix 2: Bulk Density and Water Retentivity data.

Lab No.	Site	Bulk Density g/cm <sup>3</sup>	Initial moisture content	Saturation moisture content	% by volume		Available water	Macro porosity	Total porosity
					0.1 bar moisture content	15 bar moisture content			
0683	70A <sub>11</sub>	0.74	24.6	58.6	42.0	16.8	25.2	16.7	72.0
0684	70A <sub>12</sub>	0.97	24.6	61.2	39.9	20.5	19.4	21.2	63.6
0685	70B	1.53	29.9	46.2	32.5	30.3	13.1	2.7	42.4
0686	70B <sub>2</sub>	1.41	36.6	49.7	52.5	29.2	13.3	7.2	46.9
0687	57A <sub>11</sub>	1.11	26.6	57.1	46.0	19.6	26.5	11.1	58.0
0688	57A <sub>12</sub> /A <sub>3</sub>	1.20	26.6	54.8	47.1	25.2	21.8	7.8	54.8
0689	57A <sub>3</sub> /B <sub>1</sub>	1.30	43.9	54.3	47.0	27.3	19.7	7.3	51.0
0690	57B <sub>2</sub>	1.43	43.2	56.3	50.8	30.2	20.5	5.4	46.0
0691	C3A	0.90	47.3	70.9	45.8	14.7	31.0	25.2	65.9
0692	C3B	1.31	44.8	58.5	39.6	21.3	18.3	18.9	50.6
0693	52A <sub>1</sub>	0.79	47.3	76.2	46.1	16.4	29.7	30.1	70.1
0694	52A <sub>12</sub> /A <sub>3</sub>	1.10	44.8	55.9	46.7	21.0	25.6	9.2	58.6
0695	52B	1.25	37.3	55.9	47.6	23.6	24.0	8.3	52.8
0696	29A <sub>12</sub> /A <sub>3</sub>	0.98	31.5	62.2	37.9	16.2	21.7	24.3	62.9
0697	30A/A <sub>3</sub>	1.17	43.5	54.4	45.0	25.3	19.7	9.4	55.9
0719	C <sub>2/3</sub> A <sub>3</sub> /B	1.31	44.2	51.5	41.6	29.8	11.7	9.9	50.6
0774	C1B	1.56	27.4	44.83	37.8	21.3	16.6	7.0	41.1
0809	73A/A <sub>3</sub>	0.98	30.8	43.4	29.2	13.6	15.6	14.2	63.1
0810	73B <sub>2</sub>	1.63	31.0	40.5	37.5	27.2	10.3	3.0	38.6
0823	75B <sub>1</sub>	1.15	33.3	55.5	34.7	18.8	15.9	20.8	56.6
0852	77B	1.23	NA	48.3	37.5	23.7	13.8	10.8	53.4
0853	77A/A <sub>3</sub>	1.00	NA	43.9	29.3	12.0	17.3	14.7	62.4
0868	78A/A <sub>3</sub>	1.00	NA	35.9	28.2	10.0	18.2	7.8	62.4
0869	78B <sub>1</sub>	1.30	NA	44.1	32.4	22.3	10.1	11.7	50.8
0870	82A <sub>1</sub>	0.78	NA	55.7	41.8	19.0	22.8	13.9	70.5
0871	82B	1.22	NA	52.8	39.3	27.4	11.9	13.4	54.1
0886	84A	0.82	NA	61.6	44.4	17.7	26.7	17.2	69.0
0887	84B	0.90	NA	36.9	30.2	22.2	8.0	6.6	66.2