

**Statement showing details of Chemical Analysis carried out for Primary Samples generated
from exploratory boreholes drilled by MECL in Peedavedu West Block,
District: Suryapet, Telangana State.**

BOREHOLE NO: MPWB-01

Sl. No.	From (m)	To (m)	Thick-ness (m)	Sample No.	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	3.00	6.00	1.50	MPWB-01-01	50.43	0.55	1.71	12.34	0.57	0.03	0.02	0.16	0.30	33.66
2			1.50	MPWB-01-02	51.52	0.55	1.50	10.19	0.48	0.03	0.01	0.16	0.27	35.09
3	6.00	9.00	1.50	MPWB-01-03	49.90	0.55	2.23	11.62	0.63	0.03	0.03	0.20	0.35	34.25
4			1.50	MPWB-01-04	50.15	0.58	1.79	10.90	0.51	0.02	0.02	0.16	0.31	35.32
5	9.00	12.00	1.03	MPWB-01-05	50.20	0.55	1.84	12.60	0.47	0.02	0.02	0.15	0.32	33.57
6			1.03	MPWB-01-06	50.78	0.44	1.76	10.87	0.53	0.02	0.01	0.15	0.32	34.91
7			0.93	MPWB-01-07	51.27	0.58	1.91	9.84	0.55	0.02	0.03	0.14	0.35	35.10
8	12.00	15.00	0.93	MPWB-01-08	49.43	0.67	2.20	12.01	0.58	0.02	0.04	0.25	0.43	34.08
9			1.03	MPWB-01-09	49.85	0.65	2.05	11.45	0.59	0.01	0.04	0.25	0.40	34.50
10			1.03	MPWB-01-10	50.93	0.57	1.65	10.31	0.52	0.02	0.03	0.20	0.31	35.26
11	15.00	18.00	1.03	MPWB-01-11	50.44	0.50	1.92	11.51	0.53	0.02	0.01	0.20	0.36	34.28
12			1.03	MPWB-01-12	49.77	0.59	1.82	12.64	0.50	0.02	0.01	0.19	0.36	33.88
13			0.93	MPWB-01-13	50.77	0.57	1.72	11.22	0.50	0.02	0.02	0.17	0.33	34.47
14	18.00	21.00	1.50	MPWB-01-14	50.96	0.55	1.53	12.25	0.51	0.04	0.03	0.17	0.29	33.50
15			1.50	MPWB-01-15	50.66	0.61	1.73	12.74	0.61	0.04	0.03	0.20	0.31	32.84
16	21.00	24.00	1.00	MPWB-01-16	51.78	0.55	1.45	9.93	0.48	0.03	0.03	0.16	0.28	35.11
17			1.00	MPWB-01-17	51.85	0.58	1.64	10.32	0.67	0.05	0.09	0.18	0.31	34.10
18			1.00	MPWB-01-18	51.30	0.61	1.70	10.88	0.55	0.05	0.03	0.20	0.34	34.12
19	24.00	27.00	1.50	MPWB-01-19	46.51	0.58	2.00	19.89	0.68	0.08	0.02	0.25	0.40	29.30
20			1.50	MPWB-01-20	45.41	0.77	2.98	19.64	0.90	0.11	0.02	0.29	0.54	29.08
21	27.00	30.00	1.00	MPWB-01-21	48.52	0.60	2.69	13.87	0.71	0.03	0.02	0.25	0.45	32.55
22			1.00	MPWB-01-22	49.81	0.59	2.06	12.82	0.62	0.03	0.02	0.22	0.37	33.14
23			1.00	MPWB-01-23	50.30	0.55	1.56	14.22	0.62	0.06	0.05	0.20	0.31	31.93
24	30.00	33.00	1.00	MPWB-01-24	49.94	0.67	2.00	13.55	0.64	0.03	0.04	0.22	0.39	32.31
25			1.00	MPWB-01-25	50.23	0.59	1.69	13.66	0.57	0.04	0.03	0.19	0.35	32.42
26			1.00	MPWB-01-26	49.77	0.68	1.96	12.99	0.67	0.04	0.04	0.21	0.40	33.01
27	33.00	36.00	1.00	MPWB-01-27	47.88	0.78	2.49	15.27	0.80	0.06	0.04	0.30	0.48	31.60
28			1.00	MPWB-01-28	48.22	0.79	2.54	14.79	0.95	0.10	0.04	0.29	0.52	31.43
29			1.00	MPWB-01-29	48.57	0.60	1.91	16.37	0.72	0.05	0.03	0.25	0.38	30.86
30	36.00	39.00	1.50	MPWB-01-30	48.83	0.71	2.49	13.64	0.85	0.06	0.06	0.25	0.51	32.28
31			1.50	MPWB-01-31	47.08	0.71	2.39	15.22	0.76	0.08	0.03	0.28	0.47	32.73
32	39.00	42.00	1.00	MPWB-01-32	47.30	0.59	1.95	17.83	0.61	0.08	0.03	0.25	0.38	30.77
33			1.00	MPWB-01-33	45.16	0.68	2.43	18.22	0.80	0.09	0.02	0.29	0.49	31.55
34			1.00	MPWB-01-34	46.77	0.72	2.42	17.38	0.86	0.09	0.03	0.30	0.50	30.67
35	42.00	45.00	1.00	MPWB-01-35	48.18	0.71	2.20	14.63	0.86	0.08	0.03	0.28	0.44	32.38
36			1.00	MPWB-01-36	46.56	0.74	2.49	17.38	0.83	0.10	0.04	0.32	0.51	30.75
37			1.00	MPWB-01-37	46.58	0.68	2.23	18.20	0.82	0.07	0.03	0.29	0.46	30.41
38	45.00	48.00	1.50	MPWB-01-38	45.57	0.74	2.60	18.61	0.90	0.09	0.03	0.32	0.52	30.29
39			1.50	MPWB-01-39	47.37	0.59	1.72	12.72	0.53	0.05	0.02	0.21	0.36	36.20
40	48.00	50.00	2.00	MPWB-01-40	49.38	0.71	1.84	10.04	0.56	0.03	0.03	0.17	0.36	36.64

BOREHOLE NO: MPWB-02

Sl. No.	From (m)	To (m)	Thickness (m)	Sample No.	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	1.50	3.00	1.50	MPWB-02-01	51.60	0.51	1.42	8.79	0.52	0.01	0.02	0.15	0.27	36.51
2	3.00	4.50	1.50	MPWB-02-02	51.42	0.53	1.46	8.63	0.49	0.01	0.03	0.16	0.29	36.79
3	4.50	6.00	1.50	MPWB-02-03	50.78	0.46	1.20	9.38	0.43	0.02	0.02	0.15	0.27	37.09
4	6.00	9.00	1.50	MPWB-02-04	51.19	0.52	1.29	8.72	0.47	0.01	0.02	0.14	0.28	37.16
5			1.50	MPWB-02-05	51.38	0.55	1.57	8.79	0.54	0.01	0.03	0.15	0.33	36.44
6	9.00	12.00	1.03	MPWB-02-06	50.82	0.53	1.38	9.48	0.49	0.01	0.03	0.17	0.31	36.56
7			1.03	MPWB-02-07	50.71	0.60	1.62	9.55	0.50	0.01	0.03	0.18	0.33	36.22
8			0.93	MPWB-02-08	50.69	0.65	1.75	8.01	0.58	0.01	0.07	0.18	0.39	37.44
9	12.00	15.00	1.50	MPWB-02-09	51.32	0.61	1.29	8.74	0.44	0.01	0.04	0.08	0.26	37.04
10			1.50	MPWB-02-10	51.59	1.33	1.06	5.27	0.63	0.01	0.04	0.04	0.20	39.66
11	15.00	18.00	1.00	MPWB-02-11	51.02	1.73	1.15	4.62	0.78	0.01	0.04	0.04	0.22	40.12
12			1.00	MPWB-02-12	51.51	1.43	0.96	4.83	0.69	0.01	0.03	0.05	0.20	40.05
13			1.00	MPWB-02-13	51.85	1.47	0.86	4.29	0.67	0.01	0.04	0.04	0.21	40.38
14	18.00	21.00	1.47	MPWB-02-14	52.36	0.75	1.11	4.35	0.65	0.01	0.03	0.08	0.20	40.21
15			1.53	MPWB-02-15	52.27	0.97	1.04	4.24	0.60	0.01	0.04	0.06	0.21	40.38
16	21.00	24.00	1.00	MPWB-02-16	51.79	1.30	1.09	4.64	0.61	0.02	0.03	0.04	0.24	39.98
17			1.00	MPWB-02-17	51.52	1.48	1.00	5.45	0.68	0.02	0.04	0.04	0.23	39.38
18			1.00	MPWB-02-18	51.77	1.39	1.13	4.64	0.69	0.01	0.05	0.03	0.24	39.78
19	24.00	27.00	1.00	MPWB-02-19	52.29	0.87	1.28	4.16	0.56	<0.01	0.04	0.05	0.27	40.24
20			1.00	MPWB-02-20	51.71	1.29	1.09	5.01	0.77	0.01	0.03	0.04	0.25	39.61
21			1.00	MPWB-02-21	51.95	0.92	1.26	4.92	0.63	0.01	0.04	0.05	0.26	39.70
22	27.00	28.50	1.50	MPWB-02-22	51.50	1.04	1.06	5.78	0.60	0.01	0.03	0.03	0.22	39.48
23	28.50	30.00	1.50	MPWB-02-23	46.65	0.66	2.11	18.29	0.80	0.07	0.03	0.26	0.42	30.42
24	30.00	33.00	1.50	MPWB-02-24	46.17	0.58	1.95	17.10	0.70	0.04	0.03	0.22	0.38	32.62
25			1.50	MPWB-02-25	45.69	0.74	2.75	17.37	0.95	0.05	0.03	0.33	0.55	31.22
26	33.00	36.00	1.00	MPWB-02-26	48.48	0.55	1.85	15.63	0.69	0.05	0.03	0.24	0.37	31.88
27			1.00	MPWB-02-27	47.44	0.70	2.56	14.75	0.83	0.08	0.03	0.30	0.49	32.54
28			1.00	MPWB-02-28	48.77	0.60	2.00	14.84	0.71	0.06	0.04	0.26	0.42	32.07
29	36.00	39.00	1.50	MPWB-02-29	48.85	0.65	1.89	14.53	0.78	0.06	0.05	0.27	0.42	32.19
30			1.50	MPWB-02-30	47.59	0.84	2.91	14.08	0.96	0.11	0.09	0.37	0.63	32.08
31	39.00	42.00	1.04	MPWB-02-31	49.00	0.68	2.04	13.43	0.78	0.06	0.05	0.23	0.42	33.02
32			1.04	MPWB-02-32	50.87	0.55	1.76	10.75	0.60	0.06	0.05	0.20	0.37	34.57
33			0.92	MPWB-02-33	51.32	0.46	1.21	11.02	0.48	0.06	0.04	0.16	0.26	34.82
34	42.00	45.00	1.50	MPWB-02-34	50.27	0.58	1.94	10.61	0.58	0.05	0.05	0.20	0.38	35.09
35			1.50	MPWB-02-35	50.60	0.61	1.82	10.23	0.63	0.08	0.05	0.23	0.40	35.15
36	45.00	48.00	1.03	MPWB-02-36	50.94	0.52	1.58	10.61	0.56	0.02	0.05	0.19	0.31	35.01
37			1.03	MPWB-02-37	49.98	0.53	1.62	12.04	0.54	0.02	0.05	0.20	0.33	34.47
38			0.93	MPWB-02-38	50.34	0.54	1.88	10.52	0.61	0.02	0.03	0.18	0.34	35.31
39	48.00	50.00	1.05	MPWB-02-39	50.33	0.56	1.65	10.80	0.52	0.04	0.03	0.17	0.32	35.38
40			0.95	MPWB-02-40	49.71	0.73	2.12	9.92	0.70	0.04	0.06	0.18	0.46	35.60

BOREHOLE NO: MPWB-03

Sl. No.	From (m)	To (m)	Thick-ness (m)	Sample No	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	1.91	3.00	1.09	MPWB-03-01	49.09	0.51	2.26	12.09	0.97	0.01	0.01	0.21	0.44	34.16
	3.00	4.29	1.29											
2	4.29	6.00	1.71	MPWB-03-02	50.51	0.53	1.80	10.98	0.59	0.013	0.01	0.17	0.34	34.83
3	6.00	7.03	1.03	MPWB-03-03	49.77	0.62	1.99	11.90	0.61	0.020	0.02	0.19	0.38	34.26
4	7.03	8.07	1.04	MPWB-03-04	49.34	0.57	1.88	13.09	0.59	0.012	0.02	0.20	0.36	33.68
5	8.07	8.34	0.27	MPWB-03-05	50.12	0.44	1.68	13.01	0.52	0.01	0.01	0.14	0.33	33.52
	8.34	8.90	0.56											
	8.90	9.00	0.10											
6	9.00	9.41	0.41	MPWB-03-06	49.86	0.57	1.82	11.72	0.62	0.01	0.01	0.15	0.37	34.39
	9.41	10.03	0.62											
7	10.03	11.07	1.04	MPWB-03-07	49.90	0.54	1.77	12.38	0.56	0.011	0.02	0.17	0.36	34.04
8	11.07	12.00	0.93	MPWB-03-08	50.98	0.56	1.72	9.75	0.55	0.010	0.02	0.17	0.35	35.50
9	12.00	13.50	1.50	MPWB-03-09	48.16	0.76	2.67	12.88	0.72	0.020	0.02	0.29	0.58	33.60
10	13.50	15.00	1.50	MPWB-03-10	49.76	0.65	1.88	11.66	0.60	0.014	0.04	0.21	0.40	34.52
11	15.00	16.50	1.50	MPWB-03-11	50.82	0.62	1.72	9.59	0.56	0.011	0.02	0.18	0.35	35.87
12	16.50	18.00	1.50	MPWB-03-12	50.29	0.64	1.86	11.09	0.55	0.015	0.03	0.20	0.39	34.67
13	18.00	19.00	1.00	MPWB-03-13	52.23	0.60	1.25	6.90	0.48	0.014	0.04	0.07	0.25	37.97
14	19.00	20.00	1.00	MPWB-03-14	52.83	0.81	1.04	5.60	0.54	0.011	0.04	0.05	0.21	38.67
15	20.00	21.00	1.00	MPWB-03-15	52.08	1.03	1.28	4.61	0.71	0.010	0.06	0.05	0.24	39.67
16	21.00	22.03	1.03	MPWB-03-16	52.26	1.21	0.87	4.75	0.68	0.014	0.03	0.04	0.18	39.69
17	22.03	23.07	1.04	MPWB-03-17	52.13	1.07	1.01	5.08	0.67	0.011	0.05	0.04	0.20	39.50
18	23.07	24.00	0.93	MPWB-03-18	53.17	0.52	0.97	4.14	0.69	0.010	0.02	0.05	0.20	39.97
19	24.00	25.30	1.30	MPWB-03-19	53.67	0.28	0.83	4.10	0.72	0.011	0.03	0.04	0.17	39.90
20	25.30	26.07	0.77	MPWB-03-20	52.42	0.96	1.02	4.75	0.71	0.011	0.05	0.05	0.22	39.62
21	26.07	27.00	0.93	MPWB-03-21	52.32	1.19	0.84	4.24	0.63	0.011	0.04	0.04	0.18	40.26
22	27.00	28.03	1.03	MPWB-03-22	52.32	1.01	0.95	5.15	0.62	0.010	0.02	0.05	0.20	39.47
23	28.03	29.07	1.04	MPWB-03-23	51.87	1.16	1.15	4.87	0.72	0.015	0.03	0.05	0.23	39.71
24	29.07	30.00	0.93	MPWB-03-24	51.48	1.64	0.88	4.42	0.88	0.013	0.02	0.05	0.18	40.21
25	30.00	31.07	1.07	MPWB-03-25	51.96	1.27	1.11	4.58	0.79	0.013	0.04	0.04	0.24	39.74
26	31.07	32.04	0.97	MPWB-03-26	52.03	1.17	1.09	4.03	0.65	0.010	0.03	0.05	0.22	40.46
27	32.04	33.00	0.96	MPWB-03-27	51.39	1.51	1.06	5.04	0.77	0.012	0.05	0.03	0.22	39.71
28	33.00	34.03	1.03	MPWB-03-28	51.62	1.28	1.18	4.56	0.66	0.013	0.02	0.04	0.24	40.09
29	34.03	35.07	1.04	MPWB-03-29	51.98	1.07	1.23	4.30	0.60	0.013	0.04	0.05	0.23	40.20
30	35.07	36.00	0.93	MPWB-03-30	52.13	1.11	1.08	4.22	0.61	0.011	0.03	0.04	0.22	40.29
31	36.00	37.50	1.50	MPWB-03-31	51.57	1.28	1.09	4.92	0.63	0.014	0.03	0.04	0.24	39.93
32	37.50	39.00	1.50	MPWB-03-32	51.40	1.41	1.22	4.61	0.71	0.013	0.03	0.04	0.25	40.05
33	39.00	40.50	1.50	MPWB-03-33	51.60	1.08	1.33	4.80	0.62	0.010	0.04	0.05	0.27	39.92
34	40.50	42.00	1.50	MPWB-03-34	52.30	0.82	1.13	4.91	0.52	0.013	0.04	0.04	0.23	39.78
35	42.00	43.50	1.50	MPWB-03-35	51.27	1.52	1.10	5.26	0.78	0.012	0.08	0.04	0.24	39.53
36	43.50	45.00	1.50	MPWB-03-36	51.43	1.36	1.09	5.27	0.69	0.013	0.06	0.04	0.24	39.53
37	45.00	46.50	1.50	MPWB-03-37	52.25	0.74	1.33	4.75	0.58	0.019	0.06	0.04	0.28	39.73
38	46.50	48.00	1.50	MPWB-03-38	52.03	0.59	1.45	5.23	0.55	0.022	0.05	0.05	0.30	39.46
39	48.00	49.00	1.00	MPWB-03-39	51.75	0.80	1.70	4.85	0.72	0.060	0.06	0.06	0.28	39.42
40	49.00	50.00	1.00	MPWB-03-40	50.12	0.60	2.26	6.16	1.16	0.051	0.04	0.06	0.47	38.74

BOREHOLE NO: MPWB-04

Sl. No.	From (m)	To (m)	Thickness (m)	Sample No	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	1.50	3.00	1.50	MPWB-04-01	46.07	0.65	2.09	18.26	0.83	0.06	0.04	0.28	0.46	30.83
	3.00	4.04	1.04											
2	4.04	5.08	1.04	MPWB-04-02	48.55	0.49	1.67	15.73	0.61	0.029	0.04	0.23	0.35	32.06
3	5.08	6.00	0.92	MPWB-04-03	47.28	0.53	2.15	16.88	0.70	0.017	0.03	0.27	0.42	31.47
4	6.00	7.50	1.50	MPWB-04-04	48.21	0.64	2.06	14.39	0.87	0.064	0.04	0.25	0.39	32.79
5	7.50	9.00	1.50	MPWB-04-05	47.12	0.69	2.56	14.71	0.90	0.079	0.04	0.35	0.55	32.67
6	9.00	10.50	1.50	MPWB-04-06	46.97	0.66	2.18	16.39	0.81	0.073	0.05	0.27	0.47	31.87
7	10.50	12.00	1.50	MPWB-04-07	49.68	0.59	1.69	12.85	0.64	0.064	0.05	0.21	0.35	33.63
8	12.00	13.03	1.03	MPWB-04-08	49.22	0.66	2.06	12.25	0.74	0.086	0.04	0.26	0.44	33.96
9	13.03	14.07	1.04	MPWB-04-09	49.02	0.63	1.65	15.25	0.74	0.056	0.06	0.21	0.34	31.84
10	14.07	15.00	0.93	MPWB-04-10	48.68	0.75	2.31	12.51	0.87	0.094	0.05	0.28	0.48	33.67
11	15.00	16.03	1.03	MPWB-04-11	50.11	0.52	1.61	12.41	0.56	0.061	0.04	0.20	0.37	33.93
12	16.03	17.07	1.04	MPWB-04-12	51.34	0.44	1.13	10.77	0.46	0.042	0.04	0.15	0.24	35.20
13	17.07	18.00	0.93	MPWB-04-13	50.44	0.47	1.32	13.07	0.47	0.046	0.05	0.18	0.29	33.46
14	18.00	19.50	1.50	MPWB-04-14	50.78	0.55	1.57	10.63	0.54	0.049	0.04	0.20	0.33	35.12
15	19.50	21.00	1.50	MPWB-04-15	51.06	0.48	1.42	10.27	0.50	0.033	0.03	0.18	0.29	35.55
16	21.00	22.50	1.50	MPWB-04-16	50.59	0.55	1.54	9.99	0.55	0.051	0.04	0.19	0.31	35.98
17	22.50	24.00	1.50	MPWB-04-17	50.78	0.55	1.60	10.58	0.57	0.061	0.05	0.21	0.36	35.04
18	24.00	25.00	1.00	MPWB-04-18	50.65	0.54	1.71	10.80	0.49	0.023	0.04	0.17	0.34	35.02
19	25.00	26.00	1.00	MPWB-04-19	51.13	0.55	1.45	10.17	0.51	0.036	0.04	0.20	0.33	35.37
20	26.00	27.00	1.00	MPWB-04-20	49.93	0.59	1.80	11.83	0.53	0.044	0.03	0.22	0.41	34.38
21	27.00	28.00	1.00	MPWB-04-21	50.16	0.62	1.73	11.47	0.56	0.049	0.04	0.21	0.39	34.56
22	28.00	29.00	1.00	MPWB-04-22	50.99	0.58	1.44	10.38	0.49	0.043	0.03	0.20	0.32	35.34
23	29.00	30.00	1.00	MPWB-04-23	50.77	0.59	1.50	10.51	0.52	0.034	0.05	0.17	0.31	35.35
24	30.00	31.00	1.00	MPWB-04-24	51.89	0.54	1.34	8.10	0.43	0.032	0.03	0.14	0.28	36.97
25	31.00	32.00	1.00	MPWB-04-25	52.07	0.54	1.24	8.09	0.41	0.025	0.05	0.10	0.25	37.05
26	32.00	33.00	1.00	MPWB-04-26	52.43	0.66	1.11	5.40	0.47	0.035	0.05	0.05	0.24	39.38
27	33.00	34.07	1.07	MPWB-04-27	52.31	1.19	0.94	5.63	0.70	0.037	0.07	0.05	0.22	38.65
28	34.07	35.04	0.97	MPWB-04-28	51.70	1.20	0.72	5.59	0.60	0.034	0.05	0.03	0.17	39.71
29	35.04	36.00	0.96	MPWB-04-29	51.42	1.38	1.03	5.02	0.70	0.040	0.05	0.05	0.25	39.82
30	36.00	37.50	1.50	MPWB-04-30	50.74	1.62	0.85	4.97	0.74	0.024	0.05	0.04	0.19	40.61
31	37.50	39.00	1.50	MPWB-04-31	49.21	0.87	2.36	8.21	0.96	0.048	0.03	0.08	0.58	37.33
32	39.00	40.03	1.03	MPWB-04-32	47.09	0.89	3.58	9.82	1.55	0.040	0.04	0.07	0.82	35.73
33	40.03	41.07	1.04	MPWB-04-33	46.59	0.92	4.05	10.38	1.87	0.048	0.06	0.07	0.95	34.64
34	41.07	42.00	0.93	MPWB-04-34	46.17	0.89	4.24	9.40	1.80	0.027	0.03	0.07	0.85	36.13
35	42.00	43.50	1.50	MPWB-04-35	45.56	0.80	4.09	9.27	1.91	0.027	0.03	0.07	0.82	36.97
36	43.50	45.00	1.50	MPWB-04-36	49.26	0.68	2.94	6.92	1.43	0.035	0.04	0.06	0.66	37.59
37	45.00	46.50	1.50	MPWB-04-37	46.67	0.75	3.89	8.78	2.14	0.040	0.01	0.07	0.94	36.29
38	46.50	48.00	1.50	MPWB-04-38	45.55	0.83	4.33	10.07	2.52	0.059	0.02	0.09	1.10	34.95
39	48.00	49.00	1.00	MPWB-04-39	43.97	0.84	4.98	10.97	2.82	0.057	0.05	0.10	1.27	34.26
40	49.00	50.00	1.00	MPWB-04-40	43.94	0.85	5.01	11.44	2.79	0.068	0.04	0.10	1.28	33.94



Sl. No.	From (m)	To (m)	Thick-ness (m)	Sample No	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	0.68	1.64	0.96	MPWB-05-1	52.88	0.70	1.13	5.98	0.51	0.03	0.03	0.07	0.23	38.26
	1.64	3.00	1.36											
2	3.00	4.50	1.50	MHG-05-2	52.52	0.76	1.02	5.72	0.52	0.02	0.04	0.06	0.20	38.95
3	4.50	6.00	1.50	MHG-05-3	51.42	1.02	0.87	4.65	0.54	0.03	0.03	0.03	0.17	41.07
4	6.00	7.50	1.50	MHG-05-4	50.77	1.34	1.21	5.36	0.74	0.03	0.02	0.04	0.25	40.0
5	7.50	9.00	1.50	MHG-05-5	51.13	1.47	0.95	4.23	0.73	0.01	0.02	0.04	0.19	40.97
6	9.00	10.50	1.50	MHG-05-6	51.06	1.46	1.09	4.92	0.68	0.02	0.03	0.04	0.21	40.28
7	10.50	12.00	1.50	MHG-05-7	51.53	1.47	0.88	4.77	0.67	0.02	0.02	0.04	0.18	40.21
8	12.00	13.00	1.00	MHG-05-8	51.69	1.26	0.98	4.41	0.72	0.02	0.03	0.04	0.20	40.44
9	13.00	14.00	1.00	MHG-05-9	53.06	0.48	0.84	4.72	0.76	0.01	0.01	0.05	0.19	39.72
10	14.00	15.00	1.00	MHG-05-10	53.41	0.33	0.99	3.20	0.55	0.02	0.01	0.06	0.20	41.04
11	15.00	16.50	1.50	MHG-05-11	52.75	0.31	1.21	4.57	0.68	0.01	0.01	0.05	0.23	39.96
12	16.50	18.00	1.50	MHG-05-12	51.68	0.63	1.15	5.01	0.64	0.02	0.02	0.04	0.22	40.40
13	18.00	19.50	1.50	MHG-05-13	51.92	0.67	1.00	4.51	0.59	0.01	0.02	0.05	0.21	40.76
14	19.50	21.00	1.50	MHG-05-14	50.79	1.14	1.16	5.23	0.59	0.01	0.03	0.04	0.24	40.50
15	21.00	22.07	1.07	MHG-05-15	52.54	0.69	0.98	4.77	0.68	0.01	0.02	0.04	0.23	39.78
16	22.07	23.04	0.97	MHG-05-16	52.00	0.46	1.36	4.22	0.61	0.01	0.01	0.05	0.27	40.83
17	23.04	24.00	0.96	MHG-05-17	53.48	0.66	0.98	5.26	0.52	0.01	0.03	0.04	0.22	38.55
	24.00	25.03	1.03											
18	25.03	26.02	0.99	MHG-05-18	52.89	0.84	1.09	5.10	0.57	0.01	0.03	0.04	0.22	38.99
19	26.02	27.00	0.98	MHG-05-19	52.64	0.94	1.21	5.13	0.65	0.01	0.04	0.03	0.23	38.86
20	27.00	28.03	1.03	MHG-05-20	52.74	1.17	1.05	4.25	0.63	0.03	0.05	0.06	0.19	39.64
21	28.03	29.07	1.04	MHG-05-21	52.99	0.85	1.02	4.38	0.52	0.01	0.03	0.05	0.22	39.66
22	29.07	30.00	0.93	MHG-05-22	51.42	1.44	1.13	5.88	0.71	0.01	0.03	0.04	0.25	38.85
23	30.00	31.00	1.00	MHG-05-23	51.92	1.46	1.03	5.39	0.70	0.02	0.03	0.03	0.22	39.03
24	31.00	32.00	1.00	MHG-05-24	52.06	1.21	1.13	4.80	0.65	0.02	0.02	0.04	0.24	39.61
25	32.00	33.00	1.00	MHG-05-25	51.74	1.36	1.12	5.69	0.69	0.02	0.03	0.04	0.25	38.81
26	33.00	34.03	1.03	MHG-05-26	51.96	1.39	0.93	5.56	0.65	0.03	0.03	0.04	0.22	38.97
27	34.03	35.07	1.04	MHG-05-27	51.									

BOREHOLE NO: MPWB-06

Sl. No.	From (m)	To (m)	Thick-ness (m)	Sample No	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	0.79	1.68	0.89	MPWB-06-1	50.37	0.47	1.99	11.70	0.66	0.01	0.03	0.19	0.38	33.91
	1.68	3.00	1.32											
2	3.00	4.50	1.50	MPWB-06-2	51.20	0.47	1.53	11.36	0.51	0.02	0.05	0.16	0.29	34.22
3	4.50	6.00	1.50	MPWB-06-3	51.23	0.56	1.55	10.62	0.53	0.02	0.03	0.18	0.31	34.77
4	6.00	7.00	1.00	MPWB-06-4	50.66	0.53	1.55	12.11	0.49	0.02	0.04	0.20	0.32	33.89
5	7.00	8.00	1.00	MPWB-06-5	50.41	0.68	1.72	10.93	0.55	0.04	0.04	0.20	0.35	34.88
6	8.00	9.00	1.00	MPWB-06-6	50.37	0.74	1.95	9.86	0.54	0.03	0.03	0.22	0.42	35.62
7	9.00	10.00	1.00	MPWB-06-7	52.07	0.61	1.37	8.01	0.44	0.02	0.06	0.08	0.26	36.92
8	10.00	11.00	1.00	MPWB-06-8	52.60	0.78	1.10	6.13	0.52	0.03	0.05	0.05	0.22	38.35
9	11.00	12.00	1.00	MPWB-06-9	52.18	1.16	0.94	5.80	0.62	0.03	0.06	0.04	0.20	38.79
10	12.00	13.50	1.50	MPWB-06-10	51.77	1.32	1.04	4.93	0.67	0.04	0.05	0.04	0.22	39.69
11	13.50	15.00	1.50	MPWB-06-11	51.10	1.55	0.91	5.35	0.72	0.04	0.04	0.05	0.21	39.77
12	15.00	16.50	1.50	MPWB-06-12	51.74	1.37	0.89	4.81	0.67	0.03	0.05	0.04	0.18	40.00
13	16.50	18.00	1.50	MPWB-06-13	52.21	1.39	0.86	4.06	0.68	0.03	0.05	0.04	0.18	40.26
14	18.00	19.00	1.00	MPWB-06-14	51.54	1.83	0.93	4.40	0.77	0.08	0.06	0.05	0.11	40.02
15	19.00	20.00	1.00	MPWB-06-15	51.56	1.67	0.84	5.18	0.74	0.09	0.06	0.05	0.10	39.46
16	20.00	21.00	1.00	MPWB-06-16	51.17	0.73	1.67	6.49	0.63	0.04	0.06	0.04	0.37	38.48
17	21.00	22.50	1.50	MPWB-06-17	50.86	0.71	2.06	6.43	0.73	0.03	0.04	0.06	0.38	38.43
18	22.50	24.00	1.50	MPWB-06-18	51.03	0.68	2.09	6.06	0.72	0.04	0.03	0.06	0.40	38.62
19	24.00	25.50	1.50	MPWB-06-19	51.31	0.68	2.26	5.46	0.78	0.04	0.04	0.06	0.42	38.68
20	25.50	27.00	1.50	MPWB-06-20	49.08	0.80	3.35	7.49	1.38	0.04	0.05	0.06	0.68	36.70
21	27.00	28.50	1.50	MPWB-06-21	47.66	0.83	3.78	8.67	1.71	0.04	0.04	0.06	0.75	36.06
22	28.50	30.00	1.50	MPWB-06-22	48.49	0.72	3.69	7.74	1.64	0.03	0.05	0.06	0.73	36.44
23	30.00	31.00	1.00	MPWB-06-23	45.94	0.77	4.50	10.15	2.43	0.05	0.01	0.07	1.05	34.56
24	31.00	32.00	1.00	MPWB-06-24	45.28	0.76	4.69	10.67	2.53	0.07	0.04	0.08	1.14	34.17
25	32.00	33.00	1.00	MPWB-06-25	43.04	0.82	5.85	12.69	3.07	0.07	0.03	0.09	1.40	32.39
26	33.00	34.00	1.00	MPWB-06-26	39.41	0.93	6.84	16.31	3.92	0.08	0.03	0.08	1.76	29.93
27	34.00	35.00	1.00	MPWB-06-27	37.90	0.95	7.45	17.67	4.35	0.11	0.02	0.08	2.00	28.75
28	35.00	36.00	1.00	MPWB-06-28	39.97	0.92	6.82	15.62	3.75	0.12	0.02	0.09	1.79	30.24
29	36.00	37.00	1.00	MPWB-06-29	38.78	0.94	7.64	16.55	3.60	0.12	0.02	0.09	2.02	29.58
30	37.00	38.00	1.00	MPWB-06-30	36.24	0.91	8.83	18.80	4.28	0.12	0.01	0.09	2.33	27.71
31	38.00	39.00	1.00	MPWB-06-31	44.18	0.60	5.50	11.09	2.59	0.07	0.03	0.05	1.43	33.94
32	39.00	40.50	1.50	MPWB-06-32	13.07	1.18	17.23	39.97	10.76	0.30	0.02	0.07	5.46	10.87
33	40.50	42.00	1.50	MPWB-06-33	20.11	1.09	14.42	32.89	9.69	0.27	0.01	0.07	4.71	15.74
34	42.00	44.00	2.00	MPWB-06-34	27.19	1.01	12.20	25.65	8.08	0.17	0.02	0.05	3.49	21.25
35	44.00	45.00	1.00	MPWB-06-35	12.57	1.24	17.09	40.55	11.32	0.27	0.01	0.06	4.99	10.74
36	45.00	46.10	1.10	MPWB-06-36	3.72	1.45	18.33	49.06	14.86	0.28	0.01	0.08	5.75	5.23
37	46.10	47.00	0.90	MPWB-06-37	2.95	1.29	20.46	52.04	10.04	0.32	0.08	0.07	6.20	5.35
38	47.00	48.00	1.00	MPWB-06-38	3.38	1.68	18.81	52.17	11.78	0.50	0.02	0.07	5.18	5.24
39	48.00	49.00	1.00	MPWB-06-39	4.30	1.84	20.26	49.67	11.47	0.65	0.03	0.08	4.79	5.66
40	49.00	50.00	1.00	MPWB-06-40	1.19	2.02	20.48	53.08	12.24	0.85	0.01	0.06	4.82	3.99

BOREHOLE NO: MPWB-07

Sl. No.	From (m)	To (m)	Thick-ness (m)	Sample No	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	1.20	3.00	1.80	MPWB-07-1	50.71	0.54	1.77	10.66	0.59	0.05	0.02	0.17	0.34	34.95
2	3.00	4.50	1.50	MPWB-07-2	49.94	0.51	1.51	12.82	0.50	0.04	0.02	0.16	0.30	34.01
3	4.50	6.00	1.50	MPWB-07-3	50.69	0.55	1.61	11.23	0.52	0.04	0.02	0.21	0.34	34.57
4	6.00	7.50	1.50	MPWB-07-4	48.41	0.66	2.25	12.37	0.64	0.04	0.01	0.25	0.46	34.65
5	7.50	9.00	1.50	MPWB-07-5	48.78	0.58	1.63	11.25	0.46	0.01	0.01	0.19	0.31	36.60
6	9.00	10.50	1.50	MPWB-07-6	49.99	0.71	1.89	10.81	0.60	0.03	0.05	0.22	0.39	35.06
7	10.50	12.00	1.50	MPWB-07-7	50.23	0.73	2.03	10.06	0.54	0.02	0.02	0.17	0.43	35.49
8	12.00	13.50	1.50	MPWB-07-8	49.00	0.62	1.89	13.11	0.63	0.04	0.01	0.18	0.35	33.89
9	13.50	15.00	1.50	MPWB-07-9	46.14	0.65	2.27	17.93	0.85	0.05	0.02	0.28	0.46	31.07
10	15.00	16.00	1.00	MPWB-07-10	46.80	0.56	2.02	17.89	0.70	0.03	0.02	0.26	0.40	31.06
11	16.00	17.00	1.00	MPWB-07-11	47.05	0.62	2.28	16.95	0.84	0.05	0.02	0.27	0.42	31.19
12	17.00	18.00	1.00	MPWB-07-12	46.66	0.64	2.28	17.89	0.80	0.06	0.02	0.26	0.46	30.70
13	18.00	19.50	1.50	MPWB-07-13	47.05	0.58	2.13	16.82	0.69	0.04	0.03	0.24	0.42	31.76
14	19.50	21.00	1.50	MPWB-07-14	47.58	0.47	1.69	15.47	0.61	0.02	0.02	0.21	0.33	33.43
15	21.00	22.00	1.00	MPWB-07-15	45.27	0.60	2.19	14.84	0.66	0.03	0.02	0.24	0.41	35.45
16	22.00	23.00	1.00	MPWB-07-16	47.90	0.60	2.03	15.15	0.72	0.03	0.02	0.26	0.40	32.61
17	23.00	24.00	1.00	MPWB-07-17	48.90	0.64	1.85	13.78	0.65	0.05	0.02	0.20	0.36	33.29
18	24.00	25.00	1.00	MPWB-07-18	50.90	0.47	1.36	11.62	0.46	0.04	0.01	0.16	0.28	34.51
19	25.00	26.00	1.00	MPWB-07-19	50.89	0.50	1.36	11.11	0.47	0.05	0.02	0.17	0.28	34.97
20	26.00	27.00	1.00	MPWB-07-20	50.87	0.53	1.69	10.10	0.55	0.05	0.04	0.19	0.32	35.46
21	27.00	28.50	1.50	MPWB-07-21	50.26	0.56	1.80	10.92	0.62	0.05	0.03	0.19	0.39	34.98
22	28.50	30.00	1.50	MPWB-07-22	51.00	0.54	1.49	10.15	0.55	0.04	0.05	0.18	0.31	35.48
23	30.00	31.50	1.50	MPWB-07-23	51.08	0.58	1.59	9.85	0.53	0.06	0.03	0.18	0.33	35.60
24	31.50	33.00	1.50	MPWB-07-24	49.97	0.58	1.69	11.60	0.53	0.04	0.04	0.18	0.37	34.73
25	33.00	34.00	1.00	MPWB-07-25	50.63	0.54	1.53	10.57	0.61	0.05	0.11	0.18	0.33	35.27
26	34.00	35.00	1.00	MPWB-07-26	49.57	0.52	1.45	11.68	0.48	0.03	0.04	0.18	0.32	35.49
27	35.00	36.00	1.00	MPWB-07-27	51.27	0.67	1.90	11.36	0.63	0.05	0.06	0.22	0.41	33.20
28	36.00	37.00	1.00	MPWB-07-28	52.02	0.67	1.80	10.76	0.59	0.03	0.02	0.20	0.40	33.21
29	37.00	38.00	1.00	MPWB-07-29	54.51	0.59	1.39	7.73	0.49	0.03	0.03	0.11	0.29	34.61
30	38.00	39.00	1.00	MPWB-07-30	54.08	0.90	1.33	5.87	0.58	0.02	0.05	0.05	0.25	36.64
31	39.00	40.00	1.00	MPWB-07-31	54.61	0.99	0.99	5.91	0.62	0.02	0.04	0.04	0.20	36.36
32	40.00	41.00	1.00	MPWB-07-32	55.30	0.95	1.05	5.09	0.63	0.01	0.02	0.03	0.22	36.42
33	41.00	42.00	1.00	MPWB-07-33	55.83	0.97	1.18	3.76	0.68	0.01	0.03	0.04	0.23	37.06
34	42.00	43.50	1.50	MPWB-07-34	50.26	1.07	2.99	7.69	1.62	0.02	0.03	0.07	0.67	35.15
35	43.50	45.00	1.50	MPWB-07-35	45.01	0.93	5.53	11.77	2.93	0.07	0.03	0.10	1.39	31.67
36	45.00	46.00	1.00	MPWB-07-36	44.01	0.94	5.86	13.02	3.31	0.07	0.04	0.10	1.54	30.44
37	46.00	47.00	1.00	MPWB-07-37	42.65	0.97	6.75	14.31	3.45	0.09	0.03	0.10	1.64	29.19
38	47.00	48.00	1.00	MPWB-07-38	46.89	0.83	4.91	12.82	2.59	0.08	0.03	0.11	1.15	30.10
39	48.00	49.00	1.00	MPWB-07-39	54.38	0.69	1.39	7.31	0.53	0.02	0.06	0.07	0.30	35.07
40	49.00	50.00	1.00	MPWB-07-40	49.75	0.79	3.52	9.09	1.78	0.05	0.05	0.07	0.81	33.70