

**Analytical Details of Primary Samples for Six (Mn, SiO<sub>2</sub>, P<sub>2</sub>O<sub>5</sub>, Fe<sub>2</sub>O<sub>3</sub>, MnO<sub>2</sub> & Acid Insoluble) Radicals collected from boreholes drilled by MECL in  
Katori Jhiriya (G4) Block, District: Balaghat, Madhya Pradesh**

Sl. No.	Borehole No.	Sender No.	From (m)	To (m)	Thickness (m)	Mn (%)	SiO <sub>2</sub> (%)	P <sub>2</sub> O <sub>5</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)	MnO <sub>2</sub> (%)	Acid Insoluble (%)
<b>BH.No.MKJ-01</b>											
1	MKJ-01	MKJ-01/01	24.00	24.50	0.50	0.71	77.76	0.17	4.08	0.10	91.21
2	MKJ-01	MKJ-01/02	24.50	25.00	0.50	0.10	65.16	0.23	5.36	<0.10	85.68
3	MKJ-01	MKJ-01/03	25.00	26.00	1.00	11.72	45.76	1.12	12.97	2.28	78.82
4	MKJ-01	MKJ-01/04	26.00	27.00	1.00	12.87	40.71	1.10	9.81	3.06	78.28
5	MKJ-01	MKJ-01/05	27.00	28.00	1.00	0.33	54.89	0.27	7.82	<0.10	83.1
<b>TOTAL SAMPLES PER BH</b>			<b>5.00</b>								
<b>BH.No.MKJ-02</b>											
6	MKJ-02	MKJ-02/01	25.00	26.00	1.00	0.08	61.70	0.06	7.06	<0.10	83.94
7	MKJ-02	MKJ-02/02	26.00	27.00	1.00	0.09	60.97	0.08	6.84	<0.10	86.88
8	MKJ-02	MKJ-02/03	27.00	28.00	1.00	0.12	59.59	0.09	7.62	<0.10	86.37
9	MKJ-02	MKJ-02/04	48.00	49.00	1.00	0.14	53.27	0.10	8.45	<0.10	76.47
10	MKJ-02	MKJ-02/05	49.00	50.00	1.00	0.13	53.75	0.06	9.25	<0.10	83.32
11	MKJ-02	MKJ-02/06	50.00	51.00	1.00	0.08	56.84	0.09	8.39	<0.10	84.90
<b>TOTAL SAMPLES PER BH</b>			<b>6.00</b>								
<b>BH.No.MKJ-03</b>											
12	MKJ-03	MKJ-03/01	13.00	13.60	0.60	0.35	59.59	0.23	7.48	<0.10	83.86
13	MKJ-03	MKJ-03/02	13.60	14.20	0.60	0.11	72.45	0.60	5.76	<0.10	89.16
14	MKJ-03	MKJ-03/03	14.20	15.20	1.00	0.28	66.08	0.37	7.28	<0.10	85.2
15	MKJ-03	MKJ-03/04	15.20	16.00	0.80	0.20	56.13	0.15	9.53	<0.10	88.51
16	MKJ-03	MKJ-03/05	16.00	17.00	1.00	0.15	55.03	0.11	9.15	<0.10	81.34
<b>TOTAL SAMPLES PER BH</b>			<b>5.00</b>								
<b>BH.No.MKJ-04</b>											
17	MKJ-04	MKJ-04/01	25.00	25.98	0.98	0.10	56.99	0.14	8.98	<0.10	82.95
18	MKJ-04	MKJ-04/02	25.98	26.96	0.98	0.11	55.75	0.13	8.59	<0.10	80.34
19	MKJ-04	MKJ-04/03	26.96	27.48	0.52	0.14	57.51	0.12	8.84	<0.10	81.96
20	MKJ-04	MKJ-04/04	27.48	28.00	0.52	0.10	56.60	0.08	8.62	<0.10	76.41
21	MKJ-04	MKJ-04/05	28.00	28.66	0.66	0.09	54.78	0.11	8.70	<0.10	79.17
22	MKJ-04	MKJ-04/06	28.66	29.20	0.54	0.13	54.52	0.12	9.40	<0.10	77.11
23	MKJ-04	MKJ-04/07	29.20	30.03	0.83	0.10	55.98	0.08	8.21	<0.10	83.37
24	MKJ-04	MKJ-04/08	30.03	31.00	0.97	0.11	48.20	0.11	9.90	<0.10	73.27
25	MKJ-04	MKJ-04/09	31.00	32.00	1.00	0.10	50.84	0.11	9.40	<0.10	83.13
26	MKJ-04	MKJ-04/10	32.00	33.00	1.00	0.12	52.47	0.16	9.44	<0.10	80.98
27	MKJ-04	MKJ-04/11	33.00	34.00	1.00	0.09	61.56	0.25	6.94	<0.10	84.13
28	MKJ-04	MKJ-04/12	34.00	35.00	1.00	0.15	57.92	0.20	8.35	<0.10	80.64
29	MKJ-04	MKJ-04/13	35.00	36.00	1.00	0.12	56.27	0.14	8.56	<0.10	81.06
30	MKJ-04	MKJ-04/14	36.00	37.00	1.00	0.12	54.27	0.10	8.99	<0.10	81.60
31	MKJ-04	MKJ-04/15	37.00	38.00	1.00	0.19	62.47	0.23	6.64	<0.10	86.24
32	MKJ-04	MKJ-04/16	38.00	39.00	1.00	0.11	56.86	0.24	6.50	<0.10	83.99
33	MKJ-04	MKJ-04/17	39.00	40.00	1.00	0.10	60.71	0.30	7.17	<0.10	81.91

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TOTAL SAMPLES PER BH			17.00								
BH.No.MKJ-05											
34	MKJ-05	MKJ-05/1	33.10	34.00	0.90	0.19	54.01	0.13	8.40	<0.10	83.77
35	MKJ-05	MKJ-05/2	34.00	34.60	0.60	0.13	65.51	0.09	5.94	<0.10	87.99
36	MKJ-05	MKJ-05/3	34.60	35.40	0.80	0.11	61.08	0.09	7.71	<0.10	86.42
37	MKJ-05	MKJ-05/4	35.40	36.20	0.80	0.10	52.43	0.29	7.69	<0.10	84.40
38	MKJ-05	MKJ-05/5	36.20	37.00	0.80	0.10	53.20	0.09	7.66	<0.10	83.80
39	MKJ-05	MKJ-05/6	37.00	37.65	0.65	0.12	59.26	0.11	7.38	<0.10	86.92
40	MKJ-05	MKJ-05/7	37.65	38.25	0.60	0.48	51.99	0.21	10.43	<0.10	79.66
41	MKJ-05	MKJ-05/8	38.25	39.13	0.88	0.47	53.03	0.29	9.69	<0.10	79.07
42	MKJ-05	MKJ-05/9	39.13	40.00	0.87	0.51	61.12	0.21	6.30	<0.10	85.17
43	MKJ-05	MKJ-05/10	40.00	40.75	0.75	0.15	61.26	0.24	6.23	<0.10	84.47
44	MKJ-05	MKJ-05/11	40.75	41.50	0.75	0.59	62.20	0.23	6.70	<0.10	83.80
45	MKJ-05	MKJ-05/12	41.50	42.24	0.74	0.68	67.50	0.26	5.64	<0.10	86.14
46	MKJ-05	MKJ-05/13	42.24	43.00	0.76	13.98	53.31	0.83	11.16	0.75	84.73
47	MKJ-05	MKJ-05/14	43.00	43.76	0.76	13.89	52.24	1.34	10.22	0.98	86.37
48	MKJ-05	MKJ-05/15	43.76	44.33	0.57	2.09	60.52	0.23	7.45	<0.10	84.93
49	MKJ-05	MKJ-05/16	44.33	44.83	0.50	5.83	58.24	0.48	8.08	0.27	85.67
50	MKJ-05	MKJ-05/17	44.83	45.65	0.82	0.93	60.38	0.29	8.64	<0.10	83.24
51	MKJ-05	MKJ-05/18	45.65	46.30	0.65	4.10	65.41	1.71	6.18	<0.10	88.10
52	MKJ-05	MKJ-05/19	46.30	47.30	1.00	11.96	59.10	1.73	8.53	<0.10	88.87
53	MKJ-05	MKJ-05/20	47.30	48.30	1.00	10.82	60.87	1.48	8.69	<0.10	86.68
54	MKJ-05	MKJ-05/21	48.30	49.00	0.70	11.82	56.34	1.97	9.79	<0.10	85.48
55	MKJ-05	MKJ-05/22	49.00	49.75	0.75	0.36	59.68	0.22	9.05	<0.10	81.69
56	MKJ-05	MKJ-05/23	49.75	50.50	0.75	0.13	56.13	0.07	9.04	<0.10	82.67
TOTAL SAMPLES PER BH			23.00								
BH.No.MKJ-06											
57	MKJ-06	MKJ-06/1	13.00	13.56	0.56	0.14	53.54	0.11	9.65	<0.10	80.79
58	MKJ-06	MKJ-06/2	13.56	14.12	0.56	0.12	59.49	0.09	7.95	<0.10	84.67
59	MKJ-06	MKJ-06/3	14.12	15.05	0.93	0.11	54.59	0.13	7.93	<0.10	85.23
60	MKJ-06	MKJ-06/4	15.05	16.00	0.95	0.12	54.17	0.23	8.25	<0.10	83.60
61	MKJ-06	MKJ-06/5	34.00	35.00	1.00	0.13	56.54	0.14	9.65	<0.10	82.88
62	MKJ-06	MKJ-06/6	35.00	36.00	1.00	0.08	64.46	0.09	6.78	<0.10	87.21
63	MKJ-06	MKJ-06/7	36.00	37.00	1.00	0.09	61.06	0.13	7.86	<0.10	85.41
64	MKJ-06	MKJ-06/8	46.00	47.00	1.00	0.12	52.98	0.10	9.61	<0.10	82.63
65	MKJ-06	MKJ-06/9	47.00	48.00	1.00	0.13	56.14	0.08	8.89	<0.10	89.50
66	MKJ-06	MKJ-06/10	48.00	49.00	1.00	0.09	56.53	0.10	8.49	<0.10	86.04
67	MKJ-06	MKJ-06/11	49.00	50.00	1.00	0.11	53.39	0.21	8.62	<0.10	83.64
TOTAL SAMPLES PER BH			11.00								
BH.No.MKJ-07											
68	MKJ-07	MKJ-07/1	21.19	22.00	0.81	0.02	88.96	0.04	1.95	<0.10	98.68
69	MKJ-07	MKJ-07/2	22.00	23.00	1.00	0.08	58.85	0.11	8.29	<0.10	88.35
70	MKJ-07	MKJ-07/3	23.00	24.00	1.00	0.10	62.46	0.10	7.84	<0.10	89.68
71	MKJ-07	MKJ-07/4	24.00	25.00	1.00	0.07	62.23	0.10	7.19	<0.10	88.51

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72	MKJ-07	MKJ-07/5	25.00	26.00	1.00	0.10	59.47	0.10	7.60	<0.10	86.08
73	MKJ-07	MKJ-07/6	26.00	27.00	1.00	0.11	63.70	0.10	7.24	<0.10	88.48
74	MKJ-07	MKJ-07/7	27.00	28.00	1.00	0.11	56.69	0.12	8.23	<0.10	83.30
75	MKJ-07	MKJ-07/8	28.00	29.00	1.00	0.11	55.51	0.12	8.28	<0.10	84.69
76	MKJ-07	MKJ-07/9	29.00	30.00	1.00	0.11	55.90	0.11	8.45	<0.10	84.37
77	MKJ-07	MKJ-07/10	30.00	31.00	1.00	0.11	53.51	0.11	8.57	<0.10	82.00
<b>TOTAL SAMPLES PER BH</b>			<b>10.00</b>								