

**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 bedrock by MECL in Katori Jhiriya (G4) Block, District: Balaghat, Madhya Pradesh**

Sl. No.	Sample No.	UTM Zone 44		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
		Y	X						
1	MKJ/BR-1	2386643.367	382228.9073	21.78	45.79	1.71	10.49	10.97	74.85
2	MKJ/BR-2	2385275.533	381467.3446	24.66	35.75	0.66	13.49	6.75	79.55
3	MKJ/BR-3	2385295.486	381388.3772	20.85	42.75	1.99	11.20	4.65	85.20
4	MKJ/BR-4	2385252.167	381317.8501	23.15	41.79	1.36	9.60	5.39	81.80
5	MKJ/BR-5	2385232.672	381319.3635	17.17	52.86	2.22	7.15	6.07	80.31
6	MKJ/BR-6	2386570.98	382078.7993	23.63	40.11	0.40	8.27	9.94	75.56
7	MKJ/BR-7	2386585.308	382108.5046	17.56	56.23	1.80	8.13	8.75	83.85
8	MKJ/BR-8	2386420.815	382152.8708	27.70	39.31	0.19	10.93	12.12	78.59
9	MKJ/BR-9	2386503.956	382185.7804	25.69	36.90	2.02	10.56	12.13	73.14
10	MKJ/BR-10	2386573.92	382172.2639	24.47	43.93	2.01	8.60	11.19	76.56
11	MKJ/BR-11	2386677.797	382284.0429	20.50	47.97	2.65	9.99	6.07	82.99
12	MKJ/BR-12	2388791.138	380236.9529	0.27	97.54	0.04	0.55	0.34	98.03
13	MKJ/BR-13	2386158.162	382359.7738	27.73	40.10	1.90	9.31	7.02	83.79
14	MKJ/BR-14	2386396.863	382216.9526	34.56	24.96	0.27	11.12	12.82	73.18
15	MKJ/BR-15	2386286.643	382264.0489	7.66	75.63	1.47	5.69	1.23	91.29
16	MKJ/BR-16	2386233.977	382305.008	34.17	29.77	0.85	9.52	13.76	64.54
17	MKJ/BR-17	2389518.806	383357.018	1.38	35.70	0.11	38.32	1.55	50.73
18	MKJ/BR-18	2386563.05	382141.8899	50.70	6.50	0.32	4.38	20.25	7.64
19	MKJ/BR-19	2395454.05	388910.7459	0.17	68.66	0.03	21.42	0.10	70.30
20	MKJ/BR-20	2395510.874	388921.7978	0.15	97.35	0.02	1.39	0.14	97.92
21	MKJ/BR-21	2397810.162	390058.9984	0.11	65.36	0.16	7.11	0.12	87.48
22	MKJ/BR-22	2402694.789	391593.5778	2.54	33.82	1.02	44.87	<0.10	41.54
23	MKJ/BR-23	2402139.352	391453.9998	3.92	19.97	1.00	55.09	5.89	25.42
24	MKJ/BR-24	2402526.673	391931.7142	9.20	13.14	1.04	54.77	10.71	17.07
25	MKJ/BR-25	2400247.735	391890.5774	0.05	96.93	0.05	0.64	<0.10	98.59
26	MKJ/BR-26	2397239.257	388776.7879	0.06	96.59	0.28	0.72	<0.10	97.19
27	MKJ/BR-27	2395733.055	388857.1059	0.01	94.08	0.02	2.69	<0.10	97.02
28	MKJ/BR-28	2394459.293	389424.1133	0.29	14.86	0.22	76.06	<0.10	25.94
29	MKJ/BR-29	2394519.546	389306.9633	0.60	20.42	0.40	67.39	<0.10	47.70
30	MKJ/BR-30	2394529.485	389294.406	0.40	18.04	0.13	72.89	<0.10	40.63
31	MKJ/BR-31	2394510.44	389214.6909	0.78	20.99	0.32	62.24	<0.10	51.33
32	MKJ/BR-32	2399253.188	389120.8914	2.53	36.86	0.08	26.62	2.54	55.17
33	MKJ/BR-33	2399228.069	390019.471	0.06	65.45	0.13	9.17	<0.10	78.49
34	MKJ/BR-34	2399258.923	389701.7523	4.34	27.36	0.11	32.75	5.90	42.58
35	MKJ/BR-35	2402862.904	392634.1365	0.07	32.47	0.89	45.12	<0.10	43.72
36	MKJ/BR-36	2403429.57	393397.4333	0.47	29.29	0.18	48.04	0.18	41.38
37	MKJ/BR-37	2386238.671	382295.127	32.70	25.80	2.40	9.82	11.54	70.07
38	MKJ/BR-38	2386227.436	382241.926	20.90	42.35	4.04	9.07	4.54	83.38

Sl. No.	Sample No.	UTM Zone 44		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
		Y	X						
39	MKJ/BR-39	2386348.044	382189.1701	27.59	32.96	0.07	8.18	9.47	74.85
40	MKJ/BR-40	2386397.853	382175.9496	33.73	28.03	0.28	12.82	12.61	63.25
41	MKJ/BR-41	2386449.196	382164.9078	19.24	44.66	2.33	12.86	4.53	84.09
42	MKJ/BR-42	2386603.238	382231.1056	21.96	40.39	1.83	11.48	3.55	84.57
43	MKJ/BR-43	2386565.355	382097.8787	6.49	67.61	2.70	10.60	3.46	86.27
44	MKJ/BR-44	2385322.045	381389.7115	26.07	38.68	0.70	11.11	9.90	73.60
45	MKJ/BR-45	2385215.913	381325.1428	5.23	24.11	0.35	59.90	<0.10	38.18
46	MKJ/BR-46	2385028.828	381264.7411	19.44	49.47	1.56	9.69	6.43	78.81
47	MKJ/BR-47	2385016.672	381231.7215	19.80	42.53	1.89	11.99	4.82	82.25
48	MKJ/BR-48	2385005.557	381162.569	22.39	44.36	2.01	9.44	5.04	84.53
49	MKJ/BR-49	2389687.813	388455.6836	0.06	76.56	0.04	1.84	<0.10	96.13
50	MKJ/BR-50	2385382.9	379348.3171	23.37	43.90	1.64	9.36	9.15	75.29
51	MKJ/BR-51	2385408.647	379354.6192	9.47	69.48	2.32	6.68	4.37	90.12
52	MKJ/BR-52	2385426.126	379385.8156	22.80	40.81	3.38	9.26	3.97	82.62
53	MKJ/BR-53	2385449.436	379407.1144	28.41	25.05	0.20	16.18	11.60	63.66
54	MKJ/BR-54	2385456.65	379434.299	22.29	32.36	1.42	16.30	5.18	76.54
55	MKJ/BR-55	2385473.513	379473.9819	16.36	52.92	0.51	10.48	2.86	88.67
56	MKJ/BR-56	2385484.61	379470.3369	21.26	41.86	0.19	13.09	4.15	83.60
57	MKJ/BR-57	2385503.694	379509.0007	28.80	31.61	0.24	12.67	6.33	81.08
58	MKJ/BR-58	2385464.477	379557.2737	21.17	37.98	2.07	13.33	4.81	82.46
59	MKJ/BR-59	2404421.474	394797.5829	1.99	32.31	0.06	20.74	1.66	56.57
60	MKJ/BR-60	2404783.882	393529.9441	0.06	60.41	0.11	5.39	<0.10	93.57
61	MKJ/BR-61	2406094.207	394923.9979	0.61	33.50	0.09	32.60	0.75	52.73
62	MKJ/BR-62	2386609.486	382315.4357	28.38	31.69	3.91	7.50	6.85	74.95
63	MKJ/BR-63	2386543.746	382267.5328	27.34	38.83	1.29	9.50	15.47	57.11
64	MKJ/BR-64	2386591.303	382203.9499	21.10	42.36	2.19	13.43	8.52	77.23
65	MKJ/BR-65	2386629.276	382192.7383	23.48	41.56	1.84	10.61	11.12	75.54
66	MKJ/BR-66	2386545.75	382144.7443	22.20	33.17	5.22	10.61	7.69	74.85
67	MKJ/BR-67	2386492.594	382177.6971	17.18	53.40	0.81	8.16	7.39	82.61
68	MKJ/BR-68	2386510.308	382193.4927	12.08	56.83	2.99	10.79	10.26	82.23
69	MKJ/BR-69	2386432.267	382148.0637	19.57	41.76	0.77	11.07	5.08	84.76
70	MKJ/BR-70	2386366.033	382136.0793	27.90	19.10	0.53	21.17	14.96	49.94
71	MKJ/BR-71	2386322.661	382239.6076	24.11	33.69	0.16	12.63	8.28	61.70
72	MKJ/BR-72	2389021.294	378448.0223	40.11	22.47	1.88	11.87	8.02	40.70
73	MKJ/BR-73	2388207.818	379394.093	0.44	52.85	0.23	9.33	0.13	92.66
74	MKJ/BR-74	2388543.068	378563.4766	0.17	68.32	0.07	1.08	0.10	97.60
75	MKJ/BR-75	2388856.259	378400.8094	12.14	64.46	3.04	6.56	1.26	88.09
76	MKJ/BR-76	2388883.188	378382.4807	26.49	40.52	1.20	11.09	8.44	75.34
77	MKJ/BR-77	2388972.184	378427.774	28.90	30.66	0.27	14.71	17.75	52.08
78	MKJ/BR-78	2388801.019	378327.2995	26.39	45.44	0.74	9.88	10.24	58.34
79	MKJ/BR-79	2388596.324	378034.931	29.50	30.30	2.50	11.14	14.96	60.35
80	MKJ/BR-80	2404455.62	394688.902	0.06	98.47	0.01	0.18	<0.10	99.04

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		Y	X						
81	MKJ/BR-81	2386698.189	381917.5459	14.80	40.51	6.64	11.38	3.10	79.77
82	MKJ/BR-82	2385589.006	381552.5769	19.20	44.51	0.63	12.64	5.03	83.25
83	MKJ/BR-83	2385508.946	381567.1723	23.58	31.72	1.68	10.86	2.76	89.01
84	MKJ/BR-84	2385651.949	381629.4732	24.05	33.74	0.30	12.35	7.66	74.82
85	MKJ/BR-85	2386570.612	382160.0489	41.12	15.86	1.58	16.65	15.29	52.83