

**Statement showing the Whole Rock Sample Analysis for Major oxide i.e SiO₂, Al₂O₃, Fe₂O₃, MnO, CaO, MgO, Na₂O, K₂O, TiO₂, P₂O₅ and
8 additional trace element i.e. Co, Ni, Cu, Zn, V, Cr, Pb and Sr in Katori Jhiriya Block, District: Balaghat, Madhya Pradesh**

S.No.	Sample Id	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	MnO%	CaO%	MgO%	Na ₂ O%	K ₂ O%	TiO ₂ %	P ₂ O ₅ %	Co PPM	Ni PPM	Cu PPM	Zn PPM	V PPM	Cr PPM	Pb PPM	Sr PPM
1	MKJ-01/03	46.26	3.36	13.65	15.63	2.27	3.02	0.06	0.04	0.45	1.28	200	93	770	154	56	84	<10	141
2	MKJ-01/05	55.71	21.42	7.87	0.45	0.59	1.91	0.75	6.26	0.90	0.28	24	59	53	115	107	254	39	125
3	MKJ-03/02	70.73	14.05	5.72	0.13	0.75	0.99	0.58	3.61	0.53	0.58	<10	31	255	92	49	196	19	139
4	MKJ-05/1	52.69	24.24	8.30	0.25	0.27	1.79	1.00	6.17	0.98	0.13	48	47	155	84	105	193	41	115
5	MKJ-05/13	52.36	10.21	11.64	18.83	3.28	1.06	0.10	0.38	0.25	0.82	54	44	285	66	64	149	10	61
6	MKJ-P-1	58.43	19.09	7.94	0.21	1.60	2.59	1.79	4.68	1.02	0.28	28	64	34	71	102	285	46	212
7	MKJ-P-14	93.94	3.09	0.96	0.01	0.02	0.13	0.05	1.09	0.06	0.01	174	15	<10	10	<10	270	<10	<10
8	MKJ-P-19	80.53	10.76	1.80	0.01	0.02	0.53	0.19	3.44	0.69	0.04	<10	13	<10	<10	37	191	22	50
9	MKJ-P-20	58.17	18.44	8.47	0.21	1.21	3.18	0.69	4.36	0.81	0.14	83	69	43	124	107	356	35	103
10	MKJ-P-25	56.52	20.33	9.64	0.19	1.22	2.85	0.90	4.97	0.99	0.18	50	83	43	150	132	246	38	154