

**DETAILS OF TiO₂ ZONES FROM EXPLORATORY BOREHOLES DRILLED
BY MECL IN ANVARAPAT BLOCK, DISTRICT - LOHARDAGA, JHARKHAND**

Zones demarcation based on TiO₂ ≥2%

Borehole	From (m)	To (m)	Thickness (m)	Al ₂ O ₃ %	Fe ₂ O ₃ %	SiO ₂ %	TiO ₂ %	LOI %	V (ppm)	Ga (ppm)
MAP 01	9.10	21.00	11.90	33.48	16.28	33.63	2.31	13.79	40.46	294.66
MAP 01	22.00	27.00	5.00	32.65	4.45	50.45	2.15	9.85	30.20	161.40
MAP 01	28.50	30.50	2.00	29.63	12.28	46.95	1.34	9.35	29.00	140.00
Cummulative			18.90	32.85	12.72	39.49	2.17	12.28	36.53	243.04
MAP 02	4.50	30.50	26.00	27.08	9.83	48.62	1.28	9.74	43.30	164.74
MAP 03	3.00	30.00	27.00	30.28	5.01	50.65	0.44	8.71	42.56	15.04
MAP 04	20.40	30.00	9.60	34.16	12.40	38.07	1.92	12.82	34.75	207.14
MAP 05	18.70	30.00	11.30	33.00	16.42	34.29	2.27	13.31	34.36	336.41
MAP 06	14.00	25.50	11.50	31.46	18.04	35.71	1.79	12.55	32.04	236.52
MAP 06	26.20	28.00	1.80	33.76	8.25	39.09	0.54	16.75	61.00	24.67
Cummulative			13.30	31.77	16.71	36.17	1.62	13.12	35.96	207.85
MAP 07	0.30	6.00	5.70	30.66	19.41	26.24	5.17	17.34	67.74	495.74
MAP 07	7.00	15.00	8.00	29.41	14.29	40.88	2.16	11.31	43.63	269.13
Cummulative			13.70	29.93	16.42	34.79	3.41	13.82	53.66	363.41
MAP 08	0.50	5.00	4.50	28.22	20.13	32.94	3.36	12.95	53.00	487.49
MAP 08	10.50	23.00	12.50	29.56	10.47	45.45	2.00	10.14	40.25	242.79
Cummulative			17.00	29.21	13.03	42.14	2.36	10.88	43.63	307.56
MAP 09	1.00	2.50	1.50	32.52	27.06	17.82	4.04	17.33	49.67	538.67
MAP 09	3.50	5.00	1.50	30.23	32.16	16.60	3.50	16.84	47.33	535.67
MAP 09	6.00	15.00	9.00	30.18	10.84	44.68	1.70	11.09	38.22	194.72
Cummulative			12.00	30.48	15.53	37.82	2.22	12.59	40.79	280.33
MAP 10	6.00	16.00	10.00	32.36	15.81	35.53	2.61	13.13	38.30	345.80
MAP 11	3.00	19.00	16.00	32.45	8.37	44.31	0.82	12.75	47.00	128.94
MAP 12	0.60	6.50	5.90	30.75	27.39	23.71	3.12	14.04	72.12	796.51
MAP 12	23.50	30.00	6.50	31.92	17.50	34.46	1.94	13.72	39.38	296.54
Cummulative			12.40	31.36	22.21	29.35	2.50	13.87	54.96	534.43
MAP 13	3.00	10.00	7.00	28.52	26.11	28.02	2.54	13.74	64.17	671.83
MAP 13	25.50	27.00	1.50	30.69	21.29	31.36	2.30	13.97	36.00	363.67
MAP 13	29.50	30.50	1.00	34.54	11.45	38.51	1.47	13.63	29.00	161.00
MAP 13	36.00	37.00	1.00	37.35	3.02	44.07	1.62	13.25	33.00	338.00
Cummulative			10.50	30.24	21.82	31.03	2.32	13.71	53.83	547.37
MAP 14	16.00	26.50	10.50	34.67	11.86	38.25	1.60	13.23	31.71	217.57
MAP 15	22.00	29.50	7.50	38.00	2.02	43.46	1.69	14.47	33.75	83.75
MAP 16	3.50	5.00	1.50	32.63	17.81	30.81	1.87	14.88	41.67	299.67
MAP 16	19.50	25.00	5.50	35.98	16.09	27.24	3.11	17.07	55.38	374.38
MAP 16	29.50	32.00	2.50	27.73	27.07	30.95	1.44	11.79	21.80	305.80
Cummulative			9.50	33.28	19.25	28.78	2.47	15.33	44.38	344.53

Borehole	From (m)	To (m)	Thickness (m)	Al₂O₃ %	Fe₂O₃ %	SiO₂ %	TiO₂ %	LOI %	V (ppm)	Ga (ppm)
MAP 17	17.00	26.00	9.00	32.04	15.71	37.55	1.80	12.42	30.06	361.47
MAP 18	24.50	27.00	2.50	31.74	18.11	32.97	2.57	14.21	37.40	349.00
MAP 18	30.00	30.50	0.50	33.32	15.51	35.72	2.18	12.80	42.00	309.00
MAP 18	37.50	38.00	0.50	35.29	6.53	41.66	2.08	13.78	35.00	313.00
Cummulative			3.50	32.48	16.09	34.60	2.45	13.95	37.71	338.14