



**DETAILS OF ALUMINOUS LATERITE ZONES FROM EXPLORATORY BOREHOLES DRILLED BY MECL IN ANVARAPAT BLOCK,
DISTRICT - LOHARDAGA, JHARKHAND
Zones demarcation Based on Al_2O_3 >20% & <30%**

Borehole	From (m)	To (m)	Thickness (m)	Al_2O_3 %	Fe_2O_3 %	SiO_2 %	TiO_2 %	LOI %	V (ppm)	Ga (ppm)	THA %	MHA %	RS %
MAP-01	1.30	1.50	0.20	38.71	26.43	9.03	5.39	19.62	72	830			
MAP-01	2.10	6.40	4.30	35.80	30.01	9.42	4.63	19.25	78.21	884.98	26.09	2.11	8.68
MAP-01	7.10	8.50	1.40	37.68	29.35	8.19	3.28	20.74	65.64	705.71	32.81	0.35	7.82
Cummulative			5.90	36.35	29.73	9.11	4.34	19.62	75.02	840.58			
MAP-04	0.50	4.00	3.50	39.19	23.26	11.01	5.90	20.05	102.71	1031.00	31.63	0.21	9.64
MAP-04	6.00	7.50	1.50	30.76	35.65	11.56	4.91	16.61	57.67	792.33	18.98	1.19	11.46
MAP-04	15.00	17.00	2.00	33.99	29.81	9.99	5.68	19.61	60.00	706.00	25.30	4.74	9.65
Cummulative			7.00	35.90	27.78	10.84	5.62	19.19	80.86	887.00			
MAP-05	0.50	1.00	0.50	33.31	33.60	10.82	5.00	16.05	87	3901			
MAP-05	3.00	6.00	3.00	32.98	31.25	11.81	4.75	18.77	84.67	1267.33	19.77	1.98	13.32
Cummulative			3.50	33.03	31.58	11.67	4.78	18.38	85.00	1643.57			
MAP-06	0.40	5.80	5.40	26.85	42.82	8.94	4.56	16.15	65.17	967.69	16.21	4.74	7.98
MAP-08	5.00	10.50	5.50	27.97	39.75	12.10	4.21	15.42	52.18	771.55	20.56	1.33	11.92
MAP-09	2.50	3.50	1.00	33.31	30.59	11.91	5.33	18.22	60.50	623.00			
MAP-09	5.00	6.00	1.00	32.85	32.45	9.86	6.11	18.22	48.50	736.00			
Cummulative			2.00	33.08	31.52	10.88	5.72	18.22	54.50	679.50			
MAP-10	0.50	1.50	1.00	39.23	22.05	10.82	6.33	20.69	73.50	662.50			
MAP-10	4.50	6.00	1.50	40.85	20.83	8.40	7.34	21.95	77.00	653.67			
Cummulative			2.50	40.20	21.32	9.37	6.94	21.44	75.60	657.20			
MAP-11	1.00	3.00	2.00	33.13	32.08	10.56	5.97	17.35	88.00	1119.00	20.95	3.14	8.43
MAP-12	6.50	12.50	6.00	37.21	29.58	9.77	5.21	17.71	94.08	1827.08	26.09	0.41	9.48
MAP-12	22.50	23.50	1.00	40.43	21.96	11.56	3.31	22.06	66	454			
Cummulative			7.00	37.67	28.49	10.03	4.94	18.33	90.07	1630.93			



Borehole	From (m)	To (m)	Thickness (m)	Al ₂ O ₃ %	Fe ₂ O ₃ %	SiO ₂ %	TiO ₂ %	LOI %	V (ppm)	Ga (ppm)	THA %	MHA %	RS %
MAP-13	10.00	15.50	5.50	27.43	40.78	11.36	4.63	15.30	71.64	1018.45	18.19	1.38	11.07
MAP-13	20.00	22.50	2.50	34.60	28.88	10.17	6.53	19.31	65.40	713.60	22.54	1.40	9.82
Cummulative			8.00	29.67	37.06	10.99	5.22	16.55	69.69	923.19			
MAP-15	5.00	9.00	4.00	28.31	40.95	8.63	4.29	17.04	59.75	1401.13	20.95	0.41	7.62
MAP-15	15.00	15.50	0.50	39.35	19.71	10.39	6.71	22.99	64.00	915.00			
Cummulative			4.50	29.54	38.59	8.83	4.56	17.70	60.22	1347.11			
MAP-16	7.50	13.50	6.00	29.93	39.39	9.40	4.69	15.87	84.17	1619.33	19.17	0.56	8.54
MAP-17	0.50	6.50	6.00	26.78	46.02	8.28	3.63	14.67	54.25	1206.08	16.60	0.30	8.08
MAP-17	9.00	11.50	2.50	27.34	47.70	1.72	4.19	18.29	42.80	1477.40	19.37	4.69	1.55
Cummulative			8.50	26.95	46.51	6.35	3.79	15.73	50.88	1285.88			
MAP-18	7.50	11.50	4.00	27.22	43.68	9.63	4.48	14.47	69.25	1239.50	14.03	2.84	9.37