

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

Zones demarcation based on SiO₂ >30%

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	0.20	13.00	12.80	34.73	27.85	14.55	3.97	18.13	68.66	738.81
MAP 02	2.10	8.00	5.90	32.48	21.38	24.05	4.22	16.54	62.97	635.49
	10.00	12.00	2.00	34.11	11.23	38.86	2.12	12.78	37.00	222.00
	14.80	16.00	1.20	26.59	9.87	51.43	2.47	8.47	29.00	244.00
	Cumulative		3.20	31.29	10.72	43.57	2.25	14.65	52.78	492.99
MAP 03	2.10	2.40	0.30	28.11	31.31	21.05	2.93	15.51	42.00	559.00
MAP 04	0.20	21.50	21.30	33.42	31.95	9.50	5.66	18.77	72.13	816.26
MAP 05	0.50	22.50	22.00	32.92	32.49	10.13	5.44	18.46	66.76	1103.85
MAP 06	0.40	15.00	14.60	30.55	36.59	8.95	5.06	18.19	64.20	811.45
MAP 07	0.30	12.00	11.70	30.43	18.48	30.89	4.07	15.20	57.11	425.21
MAP 08	1.40	17.50	16.10	30.53	24.85	26.18	3.48	14.00	51.26	544.38
MAP 09	1.00	11.00	10.00	31.80	22.89	25.96	3.59	15.11	44.75	461.10
MAP 10	0.50	16.00	15.50	35.23	18.08	25.52	4.32	16.23	49.48	461.77
MAP 11	0.40	5.00	4.60	32.56	31.07	13.72	4.41	17.26	73.39	878.26
MAP 12	3.50	26.50	23.00	33.37	31.19	12.50	5.15	17.26	72.50	1043.76
MAP 13	7.00	26.00	19.00	30.51	33.92	13.56	4.77	16.71	63.73	827.35
MAP 14	0.50	15.50	15.00	36.80	32.51	4.86	5.66	19.58	64.97	883.57
MAP 15	2.50	14.00	11.50	31.93	36.38	5.55	5.95	19.55	70.91	1345.70
	15.00	15.50	0.50	39.35	19.71	10.39	6.71	22.99	64.00	915.00
	16.50	19.50	0.50	37.87	27.51	4.89	7.62	21.48	66.17	1193.83
	Cumulative		12.50	32.47	35.36	5.72	6.05	19.76	70.45	1322.39
MAP 16	5.00	20.00	15.00	33.69	34.09	8.49	5.15	17.92	77.90	1216.17
MAP 17	5.00	20.00	15.00	31.19	38.19	8.59	4.22	17.20	51.48	1025.13
MAP 18	4.00	20.00	16.00	33.53	35.91	6.36	5.71	17.96	67.94	1067.38
	21.00	22.00	1.00	26.30	43.14	7.21	3.77	18.57	48.00	842.00
	24.50	27.00	2.50	31.74	18.11	32.97	2.57	14.21	37.40	349.00
	Cumulative		19.50	32.93	34.00	9.81	5.21	17.51	63.00	963.72