

**STATEMENT SHOWING POLYGON WISE, BOREHOLE WISE INFERRED CATEGORY OF RESOURCES (333)
OF ALUMINIUM CLAY ESTIMATED BY POLYGONAL METHOD IN ANVARAPAT BLOCK,
DISTRICT - LOHARDAGA, JHARKHAND**

Bulk Density: 2.08

Polygon No.	BH No.	Polygon Area (m ²)	Thickness (m)	Volume (m ³)	Gross Geological Resources (tonnes)	Net Geological Resources (tonnes)	Average Quality						
							Al ₂ O ₃ %	Fe ₂ O ₃ %	SiO ₂ %	TiO ₂ %	LOI %	Ga (ppm)	V (ppm)
1	MAP-01	43323.64	11.90	515551.37	1072346.84	965112.16	33.48	16.28	33.63	2.31	13.79	40.46	294.66
	MAP-01	43323.64	5.00	216618.22	450565.90	405509.31	32.65	4.45	50.45	2.15	9.85	30.20	161.40
	MAP-01	43323.64	2.00	86647.29	180226.36	162203.72	29.63	12.28	46.95	1.34	9.35	29.00	140.00
2	MAP-02	25321.87	26.00	658368.49	1369406.46	1232465.82	27.08	9.83	48.62	1.28	9.74	43.30	164.74
3	MAP-03	28622.63	27.00	772810.90	1607446.66	1446702.00	30.28	5.01	50.65	0.44	8.71	42.56	15.04
4	MAP-04	68859.99	9.60	661055.95	1374996.37	1237496.73	34.16	12.40	38.07	1.92	12.82	34.75	207.14
5	MAP-05	65027.46	11.30	734810.31	1528405.45	1375564.91	33.00	16.42	34.29	2.27	13.31	34.36	336.41
6	MAP-06	80166.50	11.50	921914.71	1917582.59	1725824.33	31.46	18.04	35.71	1.79	12.55	32.04	236.52
	MAP-06	80166.50	1.80	144299.69	300143.36	270129.03	33.76	8.25	39.09	0.54	16.75	61.00	24.67
7	MAP-07	35455.91	5.70	202098.66	420365.22	378328.70	30.66	19.41	26.24	5.17	17.34	67.74	495.74
	MAP-07	35455.91	8.00	283647.25	589986.27	530987.64	29.41	14.29	40.88	2.16	11.31	43.63	269.13
8	MAP-08	32645.52	4.50	146904.84	305562.07	275005.86	28.22	20.13	32.94	3.36	12.95	53.00	487.49
	MAP-08	32645.52	12.50	408069.00	848783.52	763905.17	29.56	10.47	45.45	2.00	10.14	40.25	242.79
9	MAP-09	44420.87	1.50	66631.30	138593.10	124733.79	32.52	27.06	17.82	4.04	17.33	49.67	538.67
	MAP-09	44420.87	1.50	66631.30	138593.10	124733.79	30.23	32.16	16.60	3.50	16.84	47.33	535.67
	MAP-09	44420.87	9.00	399787.80	831558.63	748402.76	30.18	10.84	44.68	1.70	11.09	38.22	194.72
10	MAP-10	80837.76	10.00	808377.62	1681425.45	1513282.90	32.36	15.81	35.53	2.61	13.13	38.30	345.80
11	MAP-11	48502.59	16.00	776041.42	1614166.15	1452749.53	32.45	8.37	44.31	0.82	12.75	47.00	128.94
12	MAP-12	59967.63	5.90	353809.04	735922.80	662330.52	30.75	27.39	23.71	3.12	14.04	72.12	796.51
	MAP-12	59967.63	6.50	389789.62	810762.40	729686.16	31.92	17.50	34.46	1.94	13.72	39.38	296.54
13	MAP-13	54621.65	7.00	382351.57	795291.27	715762.14	28.52	26.11	28.02	2.54	13.74	64.17	671.83
	MAP-13	54621.65	1.50	81932.48	170419.56	153377.60	30.69	21.29	31.36	2.30	13.97	36.00	363.67
	MAP-13	54621.65	1.00	54621.65	113613.04	102251.73	34.54	11.45	38.51	1.47	13.63	29.00	161.00
	MAP-13	54621.65	1.00	54621.65	113613.04	102251.73	37.35	3.02	44.07	1.62	13.25	33.00	338.00
14	MAP-14	85661.69	10.50	899447.78	1870851.38	1683766.25	34.67	11.86	38.25	1.60	13.23	31.71	217.57
15	MAP-15	65979.05	7.50	494842.87	1029273.17	926345.85	38.00	2.02	43.46	1.69	14.47	33.75	83.75



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16	MAP-16	56676.85	1.50	85015.28	176831.78	159148.60	32.63	17.81	30.81	1.87	14.88	41.67	299.67
	MAP-16	56676.85	5.50	311722.68	648383.18	583544.86	35.98	16.09	27.24	3.11	17.07	55.38	374.38
	MAP-16	56676.85	2.50	141692.13	294719.63	265247.67	27.73	27.07	30.95	1.44	11.79	21.80	305.80
17	MAP-17	31426.12	9.00	282835.07	588296.96	517701.32	32.04	15.71	37.55	1.80	12.42	30.06	361.47
18	MAP-18	114925.58	2.50	287313.95	597613.02	525899.46	31.74	18.11	32.97	2.57	14.21	37.40	349.00
Total Geological resources of Aluminous Clay with grade in tonnes					24315744.73	21860452.06	31.99	13.88	38.25	1.93	12.70	40.85	268.30
Total Geological resources for Aluminous Clay with grade in million tonnes					24.32	21.86							