

**STATEMENT SHOWING POLYGON WISE, BOREHOLE WISE INFERRED CATEGORY OF RESOURCES (333)
OF VANADIUM ESTIMATED BY POLYGONAL METHOD IN ANVARAPAT BLOCK,
DISTRICT - LOHARDAGA, JHARKHAND
(at cut off Va>500ppm)**

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 %	SiO ₂ %	Fe ₂ O ₃ %	TiO ₂ %	LOI %	Ga (ppm)	V (ppm)
1	MAP-01	43323.64	9.60	415906.98	865086.53	778577.87	35.93	30.06	9.37	4.37	19.41	76.25	857.02
2	MAP-02	25321.87	4.90	124077.14	258080.45	232272.40	33.45	21.06	22.43	4.54	17.21	66.02	667.84
3	MAP-03	28622.63	0.80	22898.10	47628.05	42865.24	26.99	31.73	25.16	1.80	13.32	37.00	563.38
4	MAP-04	68859.99	20.20	1390971.89	2893221.52	2603899.37	33.50	32.55	8.49	5.79	18.98	73.06	843.40
5	MAP-05	65027.46	20.00	1300549.23	2705142.39	2434628.15	33.12	33.63	7.96	5.74	18.99	69.74	1174.39
6	MAP-06	80166.50	13.60	1090264.35	2267749.84	2040974.86	30.46	37.74	7.40	5.22	18.50	65.39	845.24
7	MAP-07	35455.91	2.00	70911.81	147496.57	132746.91	30.53	22.69	24.38	4.57	16.70	67.60	553.60
	MAP-07	35455.91	0.50	17727.95	36874.14	33186.73	29.38	19.11	26.58	4.40	19.63	65.00	567.00
	MAP-07	35455.91	1.00	35455.91	73748.28	66373.46	29.01	20.39	34.98	3.54	11.35	50.00	540.00
8	MAP-08	32645.52	8.10	264428.71	550011.72	495010.55	29.51	34.91	14.66	4.50	15.79	59.72	767.51
9	MAP-09	44420.87	5.50	244314.77	508174.72	457357.24	31.93	29.89	16.23	4.27	17.00	49.27	594.27
10	MAP-10	80837.76	5.50	444607.69	924784.00	832305.60	40.46	22.21	7.32	7.42	21.88	69.82	672.64
11	MAP-11	48502.59	3.60	174609.32	363187.38	326868.65	31.77	32.73	12.85	4.92	16.79	77.67	988.33
12	MAP-12	59967.63	17.50	1049433.59	2182821.86	1964539.67	33.00	33.91	9.31	5.92	17.32	79.06	1242.77
13	MAP-13	54621.65	16.50	901257.28	1874615.14	1687153.62	29.70	34.81	13.74	4.90	16.30	65.18	867.70
14	MAP-14	85661.69	15.00	1284925.40	2672644.83	2405380.35	36.80	32.51	4.86	5.66	19.58	64.97	883.57
15	MAP-15	65979.05	11.50	758759.07	1578218.86	1420396.97	31.93	36.38	5.55	5.95	19.55	70.91	1345.70
	MAP-15	65979.05	0.50	32989.52	68618.21	61756.39	39.35	19.71	10.39	6.71	22.99	64.00	915.00
	MAP-15	65979.05	3.00	197937.15	411709.27	370538.34	37.87	27.51	4.89	7.62	21.48	66.17	1193.83
16	MAP-16	56676.85	13.00	736799.07	1532542.07	1379287.86	32.13	36.58	8.26	5.29	17.07	79.42	1331.77



MECL

ANNEXURE-VIII-E/2

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 %	SiO ₂ %	Fe ₂ O ₃ %	TiO ₂ %	LOI %	Ga (ppm)	V (ppm)
	MAP-16	56676.85	0.50	28338.43	58943.93	53049.53	35.30	22.29	16.32	5.66	19.70	94.00	535.00
17	MAP-17	31426.12	11.00	345687.31	719029.61	647126.65	28.09	44.74	5.99	4.17	16.34	53.00	1187.32
	MAP-17	31426.12	2.50	78565.30	163415.82	147074.24	38.66	31.62	2.40	5.46	21.31	51.20	894.20
	MAP-17	31426.12	1.00	31426.12	65366.33	58829.70	21.00	39.58	29.29	0.87	8.73	19.50	888.00
18	MAP-18	114925.58	16.00	1838809.29	3824723.32	3442250.99	33.53	35.91	6.36	5.71	17.96	67.94	1067.38
	MAP-18	114925.58	1.00	114925.58	239045.21	215140.69	26.30	43.14	7.21	3.77	18.57	48.00	842.00
Total Geological resources of Va grade in tonnes					27032880.04	24329592.04	33.08	33.93	8.50	5.51	18.35	68.73	1003.03
Total Geological resources for Va grade in million tonnes					27.03	24.33							