

**STATEMENT SHOWING POLYGON WISE, BOREHOLE WISE INFERRED CATEGORY OF RESOURCES (333)**  
**OF GALLIUM ESTIMATED BY POLYGONAL METHOD IN ANVARAPAT BLOCK,**  
**DISTRICT - LOHARDAGA, JHARKHAND**  
**(at cut off Ga>50ppm)**

**Bulk Density: 2.08**

Polygon No.	BH No.	Polygon Area (m <sup>2</sup> )	Thickness (m)	Volume (m <sup>3</sup> )	Gross Geological Resources (tonnes)	Net Geological Resources (tonnes)	Average Quality						
							Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	TiO <sub>2</sub> %	LOI %	Ga (ppm)	V (ppm)
1	MAP-01	43323.64	10.20	441901.17	919154.44	827238.99	35.86	29.26	10.43	4.30	19.32	75.18	830.20
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
	MAP-02	25321.87	4.70	119012.77	247546.55	222791.90	33.27	6.53	47.49	0.46	9.82	58.43	19.36
3	MAP-03	28622.63	4.00	114490.50	238140.25	214326.22	33.11	5.96	47.01	0.39	11.51	57.75	10.00
4	MAP-04	68859.99	21.30	1466717.88	3050773.19	2745695.87	33.42	31.95	9.50	5.66	18.77	72.13	816.26
5	MAP-05	65027.46	18.20	1183499.80	2461679.57	2215511.62	33.12	35.07	5.95	5.96	19.34	72.46	1241.92
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
	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	2.00	70911.81	147496.57	132746.91	32.52	13.44	35.15	3.44	14.74	56.00	238.50
	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	4.50	146904.84	305562.07	275005.86	29.97	34.15	15.14	4.85	15.05	69.04	893.64
	MAP-08	32645.52	2.00	65291.04	135805.36	122224.83	37.17	22.62	15.83	5.51	18.44	68.00	622.00
	MAP-08	32645.52	1.00	32645.52	67902.68	61112.41	32.60	16.28	35.03	2.70	12.49	52.00	358.00
9	MAP-09	44420.87	2.00	88841.73	184790.81	166311.73	31.72	30.94	15.10	4.41	17.10	58.50	610.50
	MAP-09	44420.87	0.50	22210.43	46197.70	41577.93	34.53	32.20	7.36	6.75	18.65	56.00	807.00
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
	MAP-10	80837.76	1.00	80837.76	168142.54	151328.29	34.27	8.96	40.08	3.18	12.86	50.00	325.00
	MAP-10	80837.76	1.00	80837.76	168142.54	151328.29	34.82	11.97	33.58	4.60	14.52	55.00	399.00
11	MAP-11	48502.59	4.60	223111.91	464072.77	417665.49	32.56	31.07	13.72	4.41	17.26	73.39	878.26

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							Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	TiO <sub>2</sub> %	LOI %	Ga (ppm)	V (ppm)
	MAP-11	48502.59	3.00	145507.77	302656.15	272390.54	35.54	6.44	42.42	0.56	13.75	51.67	46.67
12	MAP-12	59967.63	22.30	1337278.23	2781538.71	2503384.84	33.76	31.45	11.59	5.17	17.41	74.37	1065.49
13	MAP-13	54621.65	1.00	54621.65	113613.04	102251.73	28.98	20.67	34.80	1.46	12.62	50.00	339.00
	MAP-13	54621.65	19.00	1037811.41	2158647.73	1942782.96	30.49	33.48	14.22	4.65	16.58	63.84	812.92
14	MAP-14	85661.69	13.50	1156432.86	2405380.35	2164842.32	36.43	33.09	4.67	6.02	19.21	67.15	926.59
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	15.00	850152.77	1768317.77	1591485.99	34.05	33.06	8.91	5.14	18.19	78.16	1165.34
	MAP-16	56676.85	0.50	28338.43	58943.93	53049.53	43.51	13.07	13.94	4.19	24.78	70.00	271.00
	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	9.00	282835.07	588296.96	529467.26	28.26	44.08	6.95	4.18	15.87	55.72	1105.67
	MAP-17	31426.12	2.25	70708.77	147074.24	132366.81	42.26	26.12	2.69	5.34	23.04	52.78	824.33
18	MAP-18	114925.58	11.00	1264181.39	2629497.28	2366547.55	33.89	38.76	8.21	5.63	17.72	78.24	1242.67
	MAP-18	114925.58	3.50	402239.53	836658.23	752992.40	43.17	35.51	4.68	7.88	24.73	67.00	921.83
<b>Total Geological resources of Gallium grade in tonnes</b>					<b>28758392.85</b>	<b>25882553.56</b>	<b>33.77</b>	<b>31.81</b>	<b>11.03</b>	<b>5.30</b>	<b>18.31</b>	<b>69.70</b>	<b>938.08</b>
<b>Total Geological resources for Gallium grade in million</b>					<b>28.76</b>	<b>25.88</b>							