



**SECTION WISE MANGANESE ORE RESOURCE ESTIMATED BY CROSS SECTION METHOD, AT 10%Mn THRESHOLD VALUE,  
KATORI JHIRIYA BLOCK (G-4) MANGANESE AND ASSOCIATED MINERAL, DISTRICT-BALAGHAT, MADHYA PRADESH**

Section No	Band Number	Category	Trench/C hannel No.	Thick-ness (m)	True thickness (m) (E x sin θ)	Width (Down dip extension)	Area (sq m) (F x G)	Strike Influence (m)	Specific Gravity	Resource (Tons) (H x I x J)	Mn %	SiO <sub>2</sub> %	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	MnO <sub>2</sub> %	Acid Insoluble %
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
<b>G-4 category resource (334)</b>																
<b>Manganese Resource (10% Mn Threshold Value)</b>																
S1	Band I	Surficial	CH-7	9.90	7.12	5.00	35.60	183.52	2.80	18293.27	17.35	46.00	0.52	13.39	6.72	73.02
<b>Sub Total (Tons)</b>										<b>18293.27</b>						
S2	Band I	Surficial	CH-6	9.50	7.78	5.00	38.90	126.73	2.80	13803.43	18.09	41.75	0.69	13.12	7.17	70.06
<b>Sub Total (Tons)</b>										<b>13803.43</b>						
S3	Band I	Surficial	TR-3	9.00	7.37	5.00	36.85	48.16	2.80	4969.15	19.06	45.85	2.09	11.02	2.63	83.68
<b>Sub Total (Tons)</b>										<b>4969.15</b>						
S4	Band I	Surficial	CH-2	16.80	15.22	5.00	76.10	54.07	2.80	11521.24	21.96	37.91	0.85	13.33	10.13	63.59
	Band II	Surficial	CH-3	3.00	2.71	5.00	13.55	16.12	2.80	611.59	36.07	27.84	0.85	14.31	19.67	49.21
<b>Sub Total (Tons)</b>										<b>12132.83</b>						
<b>Total Resource(Tons) (at 10% Mn Threshold Value)</b>										<b>49198.68</b>	<b>18.72</b>	<b>38.42</b>	<b>0.22</b>	<b>13.70</b>	<b>10.79</b>	<b>65.65</b>