



**SECTION WISE MANGANESE ORE RESOURCE ESTIMATED BY CROSS SECTION METHOD,
AT 10%Mn CUT OFF, NAGARDHAN (G-3) MANGANESE BLOCK, DISTRICT-NAGPUR, MAHARASHTRA**

Section No	Band Number	Category	Trench No.	Thickness (m)	True thickness (m)	Area (sq m)	Strike Influence (m)	Specific Gravity	Resource (Tons)	Mn %	SiO ₂ %	P ₂ O ₅ %	Fe ₂ O ₃ %	MnO ₂ %	Acid Insoluble %
G-3 category resource															
Manganese Resource (10% Mn cut-off)															
S1	Band I	Surficial	T-1	1.00	1.00	11.88	132	3.10	4861.30	26.16	39.10	0.30	9.64	9.66	72.92
	Band II	Surficial	T-2	5.62	2.50	29.48	184	3.10	16815.39	15.08	39.72	0.21	14.29	10.51	65.04
Sub Total (Tons)									21676.69	17.56	39.58	0.23	13.24	10.32	66.80
S2	Band I	Surficial	T-5	2.00	2.00	15.11	132	3.10	6183.01	18.43	31.54	0.29	15.08	10.79	58.89
	Band II	Surficial	T-4	3.75	2.00	21.84	184	3.10	12457.54	20.88	39.82	0.17	13.80	11.61	67.01
.									18640.55	20.07	37.08	0.21	14.23	11.34	64.31
Total Resource(Tons) (at 10% Mn cut-off)									40317.24	18.72	38.42	0.22	13.70	10.79	65.65