



**PEER REVIEWER'S COMMENTS AND JUSTIFICATIONS ON "GEOLOGICAL  
REPORT ON THE PRELIMINARY EXPLORATION (G-3) FOR MANGANESE IN  
NAGARDHAN BLOCK**

**DISTRICT: NAGPUR, STATE: MAHARASHTRA"**

(Comments by Shri. Sarat Kumar Jena, Dy. Director General (Retd.), GSI)

<b>Sl. No.</b>	<b>Comments</b>	<b>Justifications</b>
	<b>A- TEXT</b>	
1	Page 5, Ch. 1.5 – pl mention Reasons for the short fall in target (due to few Mn ore zones exposed on the outcrops as well as intersected at depth along boreholes within the block.)	Attended
2	Page-6, Ch 1.6.2- the amount of dip of southern manganese ore zone to be mentioned.	Attended
3	Page 38, i) 7.8.3- whether trend of manganese ore zones parallel to the trend of host rock? ii) Ch. 7.8.5- instead of "segment of the same folded manganese band" , Limbs of same folded Mn bands to be mentioned.	Attended
4	Page 46, Ch.10.6.1 – The radicals analysed as described in the text is not tallying with that of Annexures- IV & V and some chapters in the text. pl check with Laboratory and made corrections where ever necessary and make it uniform in the body of the report.	Attended
5	Page no.47 , Table 10.1 – target achieved for trenching ( 57 cu.m) is not tallying with the text at page 70 (127cum).pl check and made corrections wherever applicable.	Attended
6	Ch-13.1.1 -The level of intersections of orebody planned in the angle boreholes to be mentioned	Attended
7.	Page 72, Table 20.1- detail resource estimation chart should be given i.e cross sectional area for Individual cross sections, strike influence, sp.gr/bulk density, in the table 20.1	Attended
	<b>B. ANNEXURES</b>	
8.	Annexure no. VI analysis result of check samples to be included in the final report.	Attended



ANNEXURE- XI/2

Sl. No.	Comments	Justifications
9.	Annexure-V - Name of radicals in the columns of Primary analysis may be checked and rearranged in the tables. Value of MnO <sub>2</sub> should not be Less than Mn%. So verify the radicals analysed with Lab.	Attended (Annexure has been rectified. Lab results are correct)
10.	All the marginal comments given in the text etc may be attended.	Attended
11.	The geological report is completed with available field output and interpretation. Some more geophysical studies may be required for probing hidden ore bodies if any at greater depth.	Agreed

**GENERAL OBSERVATIONS AND SUGGESTIONS FOR MODIFICATIONS**

**In the peer reviewed report titled “ Geological report on the Preliminary exploration(G3) forManganese in Nagardhan block, District Nagpur, state: Maharastra.**

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10. All the marginal comments given in the text etc may be attended.

The geological report is completed with available field output and interpretation. Some more geophysical studies may be required for probing hidden ore bodies if any at greater depth.

