

GENERAL OBSERVATIONS AND SUGGESTIONS FOR MODIFICATIONS

In the peer reviewed report titled “ Geological report on the Preliminary exploration(G3) for Manganese ore in Dhabalapur block, District Nagpur, state: Maharastra.

The report is good as per available data under present scope for exploration in the said block. However minor corrections and modifications may be attended as stated below.

1. ch 1.7.0 Page no.2, :- the TCC discussions for submitting report at present stage may be included in the annexure.
- 2.Ch.7.5.1:- the spelling of Mansar/ Munsar to be checked.
- 3.Ch. 7.6.3.5 & 7.6.3.6 , page no.24:- the Min & Max values of radicals in the last two rows of tables interchanged.pl correct.
4. Page 27, Fig-7: the metamorphic structure shows the rock may be migmatite.
5. ch.7.9.0, page 28:- the spellings for MOST & BLOCK to be corrected.
6. Ch.7.12.3, Page 30: portion of the sentence “ Fold hinges and axial surfaces parallel to the strike locally concentrate and thin the ore”is not clear, pl recast.
- 7.Ch.8.1.9, Page31-32: Previous report shows MnO₂% varies from23.99 to 35.87 and Mn % varies from15.16 to 22.66. As per Annexure-II, MnO₂% always less than Mn%. How to Justify. Wheather due to different methods of analysis ?
8. Plate no to be given and geological cross section along ore zone may be given.
9. other typographic & Marginal corrections in the body of report to be attended.

Suggestions:

1. As the ore bands has moderate dip and concordant with host rock, the depth continuity may be projected up to 30m or available contour differences found along dip slope of the hill/nala cutting.
2. The geological report at G3 stage of exploration was submitted with only surface mapping and sampling data, So the stage of exploration may be modified.
3. In the present scenario from the available data , **assessment of reconnaissance resource(334) for the Dhabalpur block with threshold value of Mn 10%** to be done to know economic potentiality of the block and scope for future action if possible.
4. Ground Geophysical survey may be taken up for probing continuity of ore bodies at greater depth, as the block situated near eco sensitive zone and lies within important manganese belt of Maharastra.



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