

Peer Review Report of “Geological Report on Preliminary Exploration (G-3 stage) for limestone in Pedaveedu west Block, Suryapet district, Telangana” by Mineral Exploration and Consutancy Limited

- At the outset the report is reasonably presented except glaring repetitions. However, the following points are suggested to enhance the transparency of the exploration report.
 1. The report directly mentions that it is G3 stage report. Agreed. There was no mention of G4stage work. Please specify in the beginning part of the report preferably in chapter1.2.0, the reasons for skipping up G4 stage investigation may briefly be specified. Because G3 level is advanced and detailed work than G4 work. The advancements imparted by the exploration agency may be outlined.
 2. Please table specify item 1.1 column B1 = (soft rock). Limestone is a hard rock.
 3. Pl. see item 1.70. In standard geo literature it is ‘Owk’ not ‘Auk’. It is ‘Palnad’ not ‘Palnadu’. Pl. check up the sub heading numbers.
 4. 1.83 purple / Flaggy limestones is the oldest unit. Order of superposition is conflicting between the table in 1.83. In Text Figure 2. Clarity is lacking in the symbols of lower massive limestone and upper flaggy limestone. Please check up. Please check up the order of super position with the strike/dip direction. In a normal undisturbed succession like the one presented in the report the older rocks occur in the up dip and the younger rocks in the down dip. Pl check in the geological map. I am yet to reive the hard copy for verification.
 5. Core recovery mentioned in 1.9.2 is 95-100%. The same thing is not reflected in borehole lithologs given in Annexures. In the same RQD is mentioned in %. Please see the RQD terminology in ASTM manual it is interms of ‘excellent’, ‘very good’, ‘very poor’ etc as it is an important point to be considered during mining.
 6. There is variation in wording between line 4 of 1.6.1 and 6.1.1. May be rectified/corrected.
 7. A small sketch may be given showing the location on cement plants in the vicinity of page no.17, for the benefit of investors/readers.
 8. Legend given for text figure No.2 may be checked up for order of superposition of limestone.
 9. Elaborate letters ‘TC’ in page number 20. Mention why that component is needed in limestone analysis and it is reflected in analytical tables.
 10. Pl. see chapter 7.5.1. Is the Uranium mineralisation is recorded in the exploration area. ‘yes’ or ‘no’ specify which ever is the case.
 11. Better pictures pmg 1 and pmg 2 may be provided for effective realisation.
 12. wording in 8,14 may be elucidated
 13. Topographical/geological map enclosed in plate no.III may be clarified.



ANNEXURE-XI-A/2

14. Please check up the wording in chapter -12. I and chapter -14 is legible way to suit the context. QA/QC is not found to depict the authenticity of analysis. Veracity of determinations between the two laboratories. Quality Assurance and Repeatability are important in the G3 level of investigation.
15. Resource estimation and categorisation is OK. May be rechecked for the judicial presentation by the exploration agency as it is recommended for auctioning by the title holders.
16. Reference list is vague. May be rewritten all the references cited in the text may be properly listed in alphabetical form.
17. Effective Type setting of the report is needed.

The report may be approved by the authorities subject to the compliance of the comments

Hyderabad, 21/4/26

Sd-

Dr. G.Lakshminarayana,

Director(Retd.), Geological Survey of India,

Competent Person,

Australasian Institute of Mining and Metallurgy

My bank account details

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