

Review of: "Exploration of Quartz, Feldspar, and Mica Minerals Using Geophysical Resistivity, Self-Potential, and Natural Electrical Field Techniques"

Abhay Kumar Soni¹

¹ Central Institute of Mining and Fuel Research

Potential competing interests: No potential competing interests to declare.

REVIEWER COMMENTS

Comment 1

Author has used the word 'Self Potential Graphs' very loosely in the 'key words'. Actually, it is a geophysical method of interpretation of self-potential field data, which is explained by the author himself. Interpretation of location, depth, and dip of the ore body is made using a pattern of equipotential lines. There is no graph like 'Self Potential Graphs' in common plotting. A graph means a plot between two parameters only? Author is requested to kindly be precise in writing the words so that they reflect a similar meaning to all readers.

Comment 2

Sub-section 2Sentence: 'It belongs to the Andhra region.'

There is no need for this sentence in the text.

Comment 3

- a. Point No 01 to 12 (for SP surveys plots) should be marked on a map and marked as a figure, though the latitude/longitude of these points is written below the graph. A figure is necessary to indicate the region where the study is conducted.
- b. Several 'self-potential method graph plots' can be abridged together for conciseness.

Comment 4

Exploration purposes of the quartz, feldspar, and mica minerals should be narrated in one separate paragraph in the manuscript from the viewpoint of business angle and minerals' utility in the region/in the state. Since these minerals are abundantly available, the insertion of one single paragraph will raise the overall value of the paper or manuscript.

Comment 5

The quality of the manuscript needs a lot of improvements, e.g.

- a. The instrument used for the survey, whether calibrated properly or not, should be portrayed in the manuscript text so that a check can be made for the authenticity of data by the reader.
- b. References are not OK to me.
- c. The writing should be precise. It looks like the author has very less experience or a poor technical background to write an international publication, which is read by the readers across the globe.

Hence, the paper is not suitable for publishing in its present form in view of the sentence framing and its preciseness, redundancies, latest references, key words, etc.

Author is advised to comply and rewrite the manuscript

MY DECISION: MAJOR REVISION

Sd/-

(Reviewer)