

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

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Potential competing interests: No potential competing interests to declare.

## REVIEWER COMMENTS

### Comment 1

The author has used the phrase 'Self Potential Graphs' very loosely in the 'keywords'. It is a geophysical method of interpretation of self-potential field data, which is explained by the author himself. Interpretation of the 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. The author is requested to kindly be precise in writing the words so that they reflect similar meanings to all readers.

### Comment 2

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

There is no need for this sentence in the text.

### Comment 3

- a. Points No 01 to 12 (for SP survey 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' given in the manuscript can be abridged together to get better readability and conciseness.

### Comment 4

The exploration purpose of the quartz, feldspar, and mica minerals should be narrated in one separate paragraph in the manuscript from the minerals' utility and business angle. Since these are abundantly available minerals, the insertion of such a paragraph will raise the overall value of the paper or manuscript.

### Comment 5

The quality of the manuscript needs a lot of improvement, 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 the data by the reader.
- b. References are not OK to me.
- c. The writing should be precise. It looks like the author has very little experience or a poor technical background to write an international publication, which is read by readers across the globe.

Hence, the paper is not suitable for publishing in its present form on the basis of the sentence framing and its preciseness, redundancies, latest references, keywords, etc. The author is advised to comply and rewrite the manuscript.

**MY DECISION: MAJOR REVISION**

Sd/-

(Reviewer)