

Review Form 3

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS_129440
Title of the Manuscript:	Mapping of Hydrothermal Alteration Minerals Related to Tongue Tonguey (Sirba, Niger) Gold Mineralization Using Landsat 8 Imagery
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The major concept of manuscript is interesting the field of remote sensing applications in mineral explorations. But its lack in using recent techniques such as machine learning or deep learning for detect anomalies of altered mineralization of gold.	
Is the title of the article suitable? (If not please suggest an alternative title)	Suitable	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Keyword should be replaced according to comments in the manuscript file (track comments and changes)	
Is the manuscript scientifically, correct? Please write here.	Its correct but needs major revision regarding different parts of the manuscript. Refer to (track comments and changes) in the manuscript.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The whole references should be modified to most recent studies in the field of RS in mineral explorations.	
Is the language/English quality of the article suitable for scholarly communications?	The English quality of manuscript should be	
<u>Optional/General</u> comments	<p>Required major revision.</p> <p>The introduction part was badly written with some publications and old references should replace by recent ones.</p> <p>The methods are not well presented and needs enhancement and modifications.</p> <p>Some parts are missing in the result parts</p> <p>Discussion part should rewrite and enhance.</p> <p>Conclusion needs modifications.</p> <p>//</p> <p>Finally there are no new methods used in manuscript such as using ML for detect anomalies.</p>	

Review Form 3

PART 2:

	<u>Reviewer's comment</u>	<u>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

Name:	Abazar Mohamed Ahmed Daoud
Department, University & Country	University of Debrecen, Hungary