

**Review Form 1.7**

Journal Name:	Asian Journal of Geological Research
Manuscript Number:	Ms_AJOGER_114779
Title of the Manuscript:	APPLICATION OF AEROMAGNETIC DATA TO DELINEATE THE MINERALIZATION ZONES WITHIN SHANGA (SHEET 96) NORTHWEST NIGERIA
Type of the Article	

**PART 1: Review Comments**

	Reviewer's comment	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)
<p><b>Compulsory REVISION comments</b></p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript needs major revision.</p> <p>It is unclear why the Reduction to the Magnetic Equator RTE was used and was it applied before the Analytic Signal AS calculation? As the author states the AS is independent of the magnetic angle therefore RTE is unnecessary</p> <p>Unclear if the 1<sup>st</sup> and 2<sup>nd</sup> derivative were calculated from ? The RTP – but the RTP is not shown on probably difficult to calculate near the magnetic equator.</p> <p>More remarks in the text</p>	
<p><b>Minor REVISION comments</b></p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General comments</b></p>		

**PART 2:**

	Reviewer's comment	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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

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