



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_39004
Title of the Manuscript:	Analytic Signal Method (Hilbert Solution) For the Investigation of Iron-Ore Deposit Using Aeromagnetic Data of Akunnu-Akoko Area, Southwest, Nigeria
Type of the Article	Original Research Article

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>1. Check the format o writing paper.</li> <li>2. The legend for Figure 1 is not clear.</li> <li>3. What is VES location stand for in this paper? Is it related with your study?</li> <li>4. Please include the colour scale for Figure 3.</li> <li>5. Please explain in the discussion why magnetic give high intensity for iron ore mineral.</li> <li>6. It is better if the coordinate state in text (section 3.1 and 3.3) is converted into degree format so that it is tele with the coordinate in the contour map.</li> <li>7. I did not see any relation between the intensity and susceptibilities from the paper. I would advise the author to explain and improve the result and discussion part.</li> </ol>	
<b>Minor</b> REVISION comments	<ol style="list-style-type: none"> <li>1. Please check the spelling, a lot of spelling mistake in the paper.</li> <li>2. Please state Figure 1 and 2 in the text.</li> </ol>	
<b>Optional/General</b> comments	Need to improve.	

**Reviewer Details:**

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