



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
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)
<u>Compulsory</u> REVISION comments	<ol style="list-style-type: none"> 1. Check the format o writing paper. 2. The legend for Figure 1 is not clear. 3. What is VES location stand for in this paper? Is it related with your study? 4. Please include the colour scale for Figure 3. 5. Please explain in the discussion why magnetic give high intensity for iron ore mineral. 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. 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. 	<ol style="list-style-type: none"> 1. The author has attended to all necessary issues raised by the reviewer and suggestions have been considered.
<u>Minor</u> REVISION comments	<ol style="list-style-type: none"> 1. Please check the spelling, a lot of spelling mistake in the paper. 2. Please state Figure 1 and 2 in the text. 	<ol style="list-style-type: none"> 1. The paper has been spell-checked 2. Item 2 has been included in the paper.
<u>Optional/General</u> comments	Need to improve.	