



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_15526
Title of the Manuscript:	GEOELECTRICAL INVESTIGATION OF BASEMENT COMPLEX AREAS OF LOKOJA, NORTH-CENTRAL NIGERIA
Type of the 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>)



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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)
Compulsory REVISION comments	Abstract 1. How was the data acquired?, software/method of interpretation of the VES data is missing. 2. Delete: This first layer is the zone of aeration and it contributes to the development of groundwater. Introduction Line 39- Variable irregular..... SHOULD BE LIKE: The unpleasant experiences within the area have necessitated scientific approach of sitting borehole to obtain better yield. Physiography Line 51: ... on sheet 62 of the Federal Survey of Nigeria topographic map. Delete this. Line 54: there are no falls and rapids (pls delete). Materials & Method Line 130: Delete ...that is, vertical electrical sounding. Line 131: Full stop at the end of the sentence. Line 135: Figure 3 should be Fig. 3 Line 139: Fig. 3 not fig Line 143: Delete ..built into the Terrameter gadget Line 166: Table NOT table Line 167: Fig. NOT figure Line 168: Should be Fig. 4	1. Check 'materials and methods' between line 132-143. 2. Deleted Introduction All the correction here have been effected Effected ALL corrections here have been effected.



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	3. I did not see borehole lithological data to serve as priori information in the interpretation. Pls use geological information to constrain your geoelectric data. 4. Provide only one table that will show your VES interpretation. 5. Using the model parameters, produce a geostratigraphic profile of the area. 5. References are not consistent.	3-5.This work is simply to apply VES to delineate aquifers and geological correlation is not necessary here. The three tables show details of the data and they should stay. 5. References are arranged as stipulated in the author's guideline
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		