



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_13540
Title of the Manuscript:	Depositional Environment Discrimination using Statistical Parameters of Conglomeratic Outcrop Sections, Obubra Southeastern 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:

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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	1. Textural parameters alone (without primary sedimentary structures) are <u>insufficient</u> to adequately establish a type of depositional environment. Primary sedimentary structures and textures are determined by sedimentary processes and conditions that constitute any depositional environment. Therefore in studying ancient depositional environments, it is important to study both the primary sedimentary structures and textural parameters to properly establish an environment of deposition. This fact is even acknowledged by the author in line numbers 34-35. 2. Fig 1 (Geologic map of the study area) on line number 45 is <u>NOT</u> really a geologic map as it contains no geologic unit/formation or any of the geologic units mentioned in line 47 to 54. So, the author should consider changing the title of the map.	The primary sedimentary structures observed have been included as suggested. Figure title has been changed to (Location map of the study area)
Minor REVISION comments	1. The author should consider modifying the title of the manuscript from <i>Depositional Environment Discrimination using.....</i> to <i>Discrimination of Depositional Environment using.....</i> 2. The phrase: <i>Depositional Environment Interpretation</i> in line numbers 33-34 and 36-37 should be changed to <i>Interpretation of Depositional Environment</i>.	Title of the manuscript has been modified to "Discrimination of Depositional Environment using Statistical Parameters of Conglomeratic Outcrop Sections, Obubra Southeastern Nigeria". The phrase has also been modified.
Optional/General comments	The paper is a good research work but MUST include primary sedimentary structures to adequately discriminate the ancient depositional environment of the sediments.	Noted.