



**SDI Review Form 1.6**

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	<b>Ms_CJAST_49958</b>
Title of the Manuscript:	<b>Deciphering Depositional Environments from Sedimentological Analysis of Core Samples: A Case Study of 'Valz-01' Well Niger-Delta Basin, Nigeria.</b>
Type of the Article	Original research papers

**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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"> <li>- It's necessary a bibliographical revision that is meaningful to the real objective of the work. It is also necessary to cite the Bibliographical References in this part of the work to prepare the reader with a good review of previous works and to establish well the true purpose of the work.</li> <li>- Figures 3 not clear. Please check and revise.</li> <li>- The Figures were not referenced in the text.</li> <li>- The structure of the text is confusing. I suggest you list the sections:               <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Geological Context</li> <li>3. Material and Methods</li> <li>4. Results                   <ol style="list-style-type: none"> <li>4.1 ...</li> </ol> </li> <li>5. Conclusion</li> </ol>               There is no section of results per se. Please check and revise             </li> </ul>	Manuscript has been corrected and revised
<b>MMinor</b> REVISION comments	<p>There are problems in manuscript that needs to be revised as below. The corrections highlighted in yellow color:</p> <p>Line 6: A core is an unbroken <b>cylindrical</b> section</p> <p>Line11: Sedimentological studies of <b>ninety-seven</b> feet (97ft)</p> <p>Line 12: well was carried out <b>using twenty-four</b> (24)</p> <p>Line 20: <b>They include:</b> marine environment</p> <p>Line 24: From the studies most of <b>the analyzed</b></p> <p>Line 34: <b>ranging from 150m to 1000 m</b> (lack space between words)</p> <p>Line 65: <b>has prograde south-westward,</b></p> <p>Line 67, 68 e 69 : some <b>3,000 km<sup>2</sup></b> ; volume of <b>500,000 km<sup>3</sup></b> ; <b>10 km</b> in the basin (lack space between words)</p>	Manuscript has been revised
<b>Optional/General</b> comments		



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**PART 2:**

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i> No	No ethical issues in this manuscript