

## Review Form 1.6

Journal Name:	<a href="#">Journal of Materials Science Research and Reviews</a>
Manuscript Number:	Ms_JMSRR_79047
Title of the Manuscript:	Studies of Effects of Hydrochloric Acid Treatment on the Chemical Composition of Kaolin Clay
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:

(<https://journaljmsrr.com/index.php/JMSRR/editorial-policy> )

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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	<p><b>Abstract can be improved.</b></p> <ul style="list-style-type: none"> <li>- Add a sentence of conclusion and suggestion for future recommendation in the last sentence of abstract.</li> </ul> <p><b>Keywords:</b></p> <ul style="list-style-type: none"> <li>- XRF should be write in full sentence.</li> </ul> <p><b>Introduction must be improved.</b></p> <ul style="list-style-type: none"> <li>- Discuss the advantages and disadvantages of using chemical treatment of clays based on previous study.</li> <li>- Add information about mineralogical history of Awgu Town of Enugu State, Nigeria in terms of its geology, mineralogy and chemical composition based on previous study.</li> <li>- Add a paragraph about the significance of the study in analysing the effects of the acid treatment using HCl on kaolin clay in terms of its application in industry or construction purposes.</li> </ul> <p><b>Material and methods must be improved.</b></p> <ul style="list-style-type: none"> <li>- Add subsection; Sampling location/geological history and describe sampling points, number of samples collected in each sampling points, density of samples, the depth, etc. should be further elaborated.</li> <li>- Add information about what type of XRF used in the research e.g. country.</li> <li>- Move figure 1 and figure 2 to Results and discussion part.</li> </ul> <p><b>Results and discussion must be improved.</b></p> <ul style="list-style-type: none"> <li>- The results for each section should be further elaborated and compared with previous research to show how chemical composition of kaolin clay can give benefit in terms of application for economical aspect or industrial purposes.</li> </ul> <p><b>Conclusion can be improved.</b></p> <ul style="list-style-type: none"> <li>- Briefly state the recommendation for future study.</li> </ul> <p><b>References is too few. Please add more relevant and recent references.</b></p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Sharifah Nur Munirah Binti Syed Hasan</b>
Department, University & Country	<b>Universiti Putra Malaysia, Malaysia</b>