

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_123965
Title of the Manuscript:	Assessment of Groundwater Quality Using Water Quality Indices in Illegal Mining Communities: A Case Study of the Atwima-Kwanwoma District and Obuasi East Metropolis, Ghana
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.		
Are subsections and structure of the manuscript appropriate?		
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>The following observations can be put to consideration before publication:</p> <ul style="list-style-type: none"> • The keywords included the word illegal mining but there is no clear definition of what illegal mining is and what is sustainable mining with reference mentioned. Also the paper does not mention what sort of illegal mining is being carried out in the area of study. Is it stone-mining or coal mining or something else? Different sort of mining have different sort of consequences and there different methods for different type of mining. The paper did not mention any of them clearly • The citation style should be uniform throughout the paper. Somewhere there are parenthetical and somewhere there are narrative style. Such as: Yidana and Asiedu (2020) and (Boadu et al., 2019). • There should be a literature review where the research gap and research limitations must be clearly mentioned. • The research must mention in which seasons the sample collection took place. Mining has a direct connection with seasons and water level changes in different seasons. There can be other factors too that can cause seasonal variations. These should be mentioned in the research. • Although it is a quantitative research, this research is quite descriptive. There should be some more diagrams showing clearly how the water quality index samples deviate from the standard value. What chemical reactions have formed in water system due to mining pollution and what components are currently there, what are there consequence? • The conclusion should be concise, direct and precise showing the future scope of this research. 	

PART 2:

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

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