

Review Form 1.7

Journal Name:	Asian Journal of Geological Research
Manuscript Number:	Original Manuscript_AJOGER_117902
Title of the Manuscript:	The Role of Geotechnical Investigations in Enhancing the Safety and Sustainability of Hydropower Projects
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:

(<https://journalajoger.com/index.php/AJOGER/editorial-policy>)

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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The authors need to eliminate textbook details in the manuscript. I have reviewed up to section 2.2 and noticed that it contains basic details irrelevant to the specific topic. I would request the authors to prepare their paper based on the overflow river-type hydroelectric project located at the Kokcha River in Badakhshan Province, Afghanistan, as a case study. This case study should be supported by various geotechnical study requirements, which can be extracted from the sections up to 2.2. These include soil stability analysis, sediment transport dynamics, and the hydraulic modeling of overflow structures. Without these critical details, the manuscript lacks the necessary structure and coherence, which would hinder its potential for publication.</p> <p>The rewritten paper could be a worthy contribution covering the lack of contribution from the respective area.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 		
<p>Optional/General comments</p>	<p>Rewrite the article supported with the comments given above.</p>	

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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>	

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