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REVIEWER'S REPORT

Manuscript No.: IJAR-55208

Title: Early vs. Delayed Laparoscopic Cholecystectomy for Acute Cholecystit.

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance		✓		

Reviewer Name: Abdul Hameed Shah

Reviewer's Comment for Publication.

The manuscript presents a regionally relevant study focused on the characterization of locally available diatomite from the Saharan region of Chad, with the aim of promoting sustainable construction materials aligned with local economic and environmental conditions. A key strength of the paper lies in its clear emphasis on utilizing indigenous resources, which is well justified within the climatic and socioeconomic context outlined in the introduction. The application of X-ray diffraction (XRD) as the primary analytical tool is appropriate and provides reliable mineralogical identification, allowing the authors to clearly demonstrate the dominance of quartz along with associated clay minerals. The mineralogical interpretation is detailed and coherent, and the study highlights meaningful practical implications by suggesting the potential use of these materials in local building applications, thereby contributing to ecological sustainability and regional development. However, the manuscript has several notable limitations that restrict its overall impact and applicability. The analysis is largely confined to mineralogical composition, with no accompanying evaluation of key physical or mechanical properties such as porosity, density, compressive strength, or thermal insulation performance, all of which are critical for assessing suitability in construction. Methodological transparency is insufficient, as details regarding sample collection, preparation procedures, and specific analytical conditions (including XRD parameters) are either missing or inadequately described. The results rely heavily on qualitative interpretation of XRD patterns, with minimal quantitative data on mineral abundance, which limits reproducibility and comparative assessment. Additionally, the discussion does not adequately address variability between the analyzed samples or explain how differences in mineral composition might influence processing behavior or material performance. While potential applications are mentioned, the paper does not outline concrete next steps toward material fabrication, performance testing, or pilot-scale evaluation. Minor issues include the absence of clarification regarding ethical approval or permits for sample collection (if applicable), typographical and formatting inconsistencies, uneven presentation of tables and figures, and references that are limited in number and occasionally incomplete. Although the objectives and results are generally clear, the conclusion would benefit from more specific recommendations for future research. Overall, while the study is original, technically sound, and significant in a regional context, it requires major revision to strengthen methodological detail, expand

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quantitative and physical property analysis, and improve presentation quality before it can be considered for publication.