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Corrigendum: Advanced machine learning artificial neural network classifier for lithology identification using Bayesian optimization

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In the published article, there was an error in the **Funding** statement. The grant number was incorrect. The correct statement appears below:

"The author(s) declares that financial support was received for the research, authorship, and/or publication of this article. This research was funded by the Researchers Supporting Project Number (RSP2024R249), King Saud University, Riyadh, Saudi Arabia."

The same error appeared in the **Acknowledgments** statement. The correct statement appears below:

"We would like to thank MathWorks and Datamine software for their assistance during the development of the work. Deep thanks and gratitude to the Researchers Supporting Project Number (RSP2024R249), King Saud University, Riyadh, Saudi Arabia, for funding this research article."

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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