

Short presentation

Exploring Mars as a member of the ongoing NASA Mars missions: Mars Science Laboratory (Curiosity rover) and Mars 2020 (Perseverance rover).

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Research outputs

Sedimentology and Stratigraphy of the Shenandoah Formation, Western Fan, Jezero Crater, Mars

Stack, K. M., Ives, L. R. W., Gupta, S., Lamb, M. P., Tebolt, M., Caravaca, G., Grotzinger, J. P., Russell, P., Shuster, D. L., Williams, A. J., Amundsen, H., Alwmark, S., Annex, A. M., Barnes, R., Bell, J., Beyssac, O., Bosak, T., Crumpler, L. S., Dehouck, E., Gwizd, S. J. & 23 others, Hickman-Lewis, K., Horgan, B. H. N., Hurowitz, J., Kalucha, H., Kanine, O., Lesh, C., Maki, J., Mangold, N., Randazzo, N., Seeger, C., Williams, R. M. E., Brown, A., Cardarelli, E., Dypvik, H., Flannery, D., Frydenvang, Jens, Hamran, S., Núñez, J. I., Paige, D., Simon, J. I., Tice, M., Tate, C. & Wiens, R. C., 2024, In: *Journal of Geophysical Research: Planets*. 129, 2, 42 p., e2023JE008187.

Askival: An altered feldspathic cumulate sample in Gale crater

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Compositional Variations in Sedimentary Deposits in Gale Crater as Observed by ChemCam Passive and Active Spectra

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Detection of Copper by the ChemCam Instrument Along Curiosity's Traverse in Gale Crater, Mars: Elevated Abundances in Glen Torridon

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Aqueously altered igneous rocks sampled on the floor of Jezero crater, Mars

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An Insight Into Ancient Aeolian Processes and Post-Noachian Aqueous Alteration in Gale Crater, Mars, Using ChemCam Geochemical Data From the Greenheugh Capping Unit

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Compositionally and density stratified igneous terrain in Jezero crater, Mars

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Overview of the Morphology and Chemistry of Diagenetic Features in the Clay-Rich Glen Torridon Unit of Gale Crater, Mars

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The SuperCam Instrument Suite on the Mars 2020 Rover: Science Objectives and Mast-Unit Description

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Diagenesis of Vera Rubin Ridge, Gale Crater, Mars, From Mastcam Multispectral Images

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Geochemical variation in the Stimson formation of Gale crater: Provenance, mineral sorting, and a comparison with modern Martian dunes

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