

Executive Summary

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Presentation Title

ISRU and Potential Mass and Cost Impacts on Sustained Lunar Exploration

Key Ideas

Many uncertainties remain with regard to Lunar ISRU. But the potential exists to provide major savings in Launch mass needed for a given Lunar architecture, or alternatively, major increases in useful payload landed on the Moon for a given number of launches. This presentation will briefly review quantitative results of some analyses carried out in support of the recent LAT II activity, and what they suggest about how current uncertainties might be addressed.

Supporting Information

Much of this information will be available in the final report of the LAT II ISRU FET.