

## **Mars Life Explorer**

Mars Life Explorer (MLE) will seek extant life and assess modern habitability through examination of low latitude ice. MLE will characterize organics, trace gases, and isotopes at a fidelity suitable for biosignature detection; and assess ice stability and the question of modern liquid water via chemical, thermophysical, and atmospheric measurements.

The full MLE mission study report is available at <https://drive.google.com/file/d/1n-7g0IFQayFWEubCiWY7XADin1sUkcB2/view?usp=sharing>