

Magnetic susceptibility measurements by depth from PRUDHOE BAY UN LIS L3-12 and PRUDHOE BAY UN LIS L3-23 cores, North Slope, Alaska

Hilcorp Energy

Geologic Materials Center Data Report 477

Geologic Materials Center Data Reports publicly release analytical and interpretive data generated by third parties from materials obtained from the Alaska Geologic Materials Center. These datasets are not reviewed for completeness, consistency, or technical merit and should not be cited as authoritative sources.

State of Alaska
Department of Natural Resource
Division of Geological & Geophysical Surveys



State of Alaska

Mike Dunleavy, Governor

Department of Natural Resources

John Crowther, Commissioner

Division of Geological & Geophysical Surveys

Erin A. Campbell, State Geologist & Director

Publications produced by the Division of Geological & Geophysical Surveys are available to download from the DGGs website (<http://dgggs.alaska.gov/>). Publications on hard-copy or digital media can be examined or purchased in the Fairbanks office:

Alaska Division of Geological & Geophysical Surveys (DGGs)

3354 College Road | Fairbanks, Alaska 99709-3707

Phone: 907.451.5010 | Fax 907.451.5050

dggspubs@alaska.gov

DGGs publications are also available at:

Alaska State Library

Historical Collections & Talking Book Center

395 Whittier Street

Juneau, Alaska 99801

Alaska Resource Library and Information Services (ARLIS)

Library Building, Suite 111

3211 Providence Drive

Anchorage, AK 99508

Suggested citation:

Hilcorp Energy, 2026, Magnetic susceptibility measurements by depth from PRUDHOE BAY UN LIS L3-12 and PRUDHOE BAY UN LIS L3-23 cores, North Slope, Alaska: Alaska Division of Geological & Geophysical Surveys Geologic Materials Center Data Report 477, 1 p. <https://doi.org/10.14509/32142>



Magnetic susceptibility measurements by depth from PRUDHOE BAY UN LIS L3-12 and PRUDHOE BAY UN LIS L3-23 cores, North Slope, Alaska

Hilcorp Energy¹

INTRODUCTION

This report presents depth-based magnetic susceptibility measurements from the PRUDHOE BAY UN LIS L3-12 and L3-23 wells, legacy Prudhoe Bay Unit wells from the Lisburne development area on Alaska's North Slope. We provide the files and documentation exactly as received from the analyst. The results and interpretations have not undergone technical review and should not be cited as reviewed data or as an authoritative information source. These data are provided as a Geologic Materials Center Report under an open end-user license and are available on the DGGS website (<https://doi.org/10.14509/32142>).

DATA PRODUCTS

- Tabulated magnetic susceptibility logs from PRUDHOE BAY UN LIS L3-12 (API: 50029216510000) and PRUDHOE BAY UN LIS L3-23 (API: 50029215130000)

ACKNOWLEDGMENTS

The Alaska Geologic Materials Center (GMC) connects the state's largest geologic collections to research, industry, and education communities, fostering greater geologic understanding, increased awareness of economic opportunities, and stimulating public interest and knowledge in Alaska's geologic history. The GMC data archive provides analytical and interpretive data from third-party testing on material borrowed from samples housed at the Alaska Geologic Materials Center. Simone Montayne and GMC staff coordinated this data release.

¹ Hilcorp Energy, JL Tower, 3800 Centerpoint Dr Suite 1400, Anchorage, AK 99503