Alaska’s diverse geology, track record of exploration success, political stability, and settled land tenure make Alaska attractive for mineral exploration.

The Mineral Resources section attracts industry investment and accelerates mineral discovery and development by:

- Providing airborne geophysical surveys
- Conducting field-based geologic mapping and geochemical sampling
- Carrying out mineral-resource assessments
- Reporting on Alaska’s framework geology and mineral potential
- Providing scientific expertise to exploration companies, investors, state and federal agencies, and the public via direct responses to requests, public presentations, and trade shows

Map of Alaska’s placer gold districts (blue) and lode mineral occurrences (red). The Mineral Resources section has ongoing projects statewide to aid industry’s efforts to find economically mineable mineral deposits.

When a mineral deposit is developed, the state receives a greater than 10-fold return on its initial investment.
**Geophysical Surveys**
Geophysical data helps industry identify and develop sub-surface exploration targets. Magnetic, electromagnetic, radiometric, and other surveys enhance the Mineral Resources section’s ability to make accurate geologic maps by “seeing” geologic features below vegetation and surface cover.

**Geologic Mapping**
Geologic maps are used by industry to identify areas of Alaska with features prospective for mineral discovery. Recent DGGS mapping in the Bonnifield and Tok River areas triggered claim staking and increased State revenue and employment opportunities for Alaskans.

**Mineral-Resource Assessments**
DGGS informs industry about Alaska’s mineral deposits by providing mineral resources maps and ore and alteration characterization to help industry target regions favorable for ore deposits.

**Alaska Mineral Industry Report**
An annual, factual record of mineral-industry activity in Alaska and its contribution to Alaska’s economy. This report promotes Alaska’s mineral industry, protects investors, and assists legislators.

**Publications & Outreach**
The Mineral Resources section provides information to assist the mineral industry, investors, state and federal agencies, land managers, and the public. Publications are available at: [dggs.alaska.gov](http://dggs.alaska.gov)

**Geochemical Datasets**
Regional geochemical sampling identifies metal anomalies in rocks and sediments. This data attracts mineral-industry attention and facilitates exploration success.

Learn more online: [dggs.alaska.gov](http://dggs.alaska.gov)
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