

**Airborne Geophysical Data Collection**

**FY2017 Request: \$500,000**

**Reference No: AMD 6852**

**AP/AL:** Appropriation

**Project Type:** Research / Studies / Planning

**Category:** Natural Resources

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Fabienne Peter-Contesse

**Estimated Project Dates:** 07/01/2016 - 06/30/2021

**Contact Phone:** (907)465-2422

**Brief Summary and Statement of Need:**

The United States Geological Survey (USGS) Mineral Resources Program has offered to fund collection of airborne geophysical data in an area of Alaska that needs detailed information. This data will be utilized to spur mineral exploration and development and will improve the state's knowledge of its geology and mineral potential. The federal grant opportunities were not known at the time the Governor's FY2017 capital budget was submitted.

<b>Funding:</b>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>Total</u>
1002 Fed Rcpts	\$500,000						\$500,000
<b>Total:</b>	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

No prior funding history.

**Project Description/Justification:**

This project will collect airborne magnetic and resistivity data over remote, un-surveyed and under-mapped lands in Alaska. This meets the division's mission to assess Alaskan land for its potential to host mineral resources (AS 41.08.020). The USGS and Division of Geological & Geophysical Surveys (DGGS) have a long partnership in conducting airborne geophysical surveys; in 2015, the USGS funded a smaller survey through DGGS in eastern Alaska. This is a one-time project with zero state match required.

Proposed survey location and parameters will be defined through discussion with the USGS. The survey will be contracted and managed by DGGS. The maps and data obtained will be published by DGGS and made available through the division's web site.

Line Item	Amount
71000 - Personal Services	\$65.0
72000 – Travel (field work)	\$5.0
73000 – Contractual (geophysical contractor)	\$430.0
74000 - Commodities	\$0.0
75000 - Capital Outlay	\$0.0
77000 – Grants	\$0.0
<b>Total Request</b>	<b>\$500.0</b>

Not allowing receipt and expenditure of these funds will result in the loss of federal investment in promoting mineral development in the state. Generating regional geophysical datasets is essential for attracting mineral industry exploration capital to Alaska as opposed to other competing regions of the world where comprehensive geophysical datasets exist or are being more actively generated.