

USGS Statemap Grant to Spur Mineral Investment and Exploration

FY2017 Request: \$600,000
Reference No: 60937

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:

This project will leverage federal funds, existing airborne geophysical surveys, on-going US Geological Survey (USGS) and academic geologic research on regional mineral trends, and a potential FY2016 USGS hyperspectral survey to produce 1:63 scale, 360 geologic maps, mineral deposit assessments and geochemical data in the Tok area. This will spur mineral investment and new exploration expenditures.

Funding:	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Total
1002 Fed Rcpts	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000
1003 G/F Match	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000
Total:	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,600,000

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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

The Tanacross quadrangle in eastern Alaska is an under-explored area with a notable lack of mineral localities and mineral exploration despite regional geologic trends that predict that mineralization should be present. The Tok River valley in particular has only a handful of mineral localities, yet areas to the east and west contain numerous mineral occurrences, drilled resources, and active exploration. USGS STATEMAP grants are an annual grant opportunity that require a 1:1 match. This grant funds field logistics (including helicopter time and fuel), travel expenses, analytical costs, and salaries.

Line Item	Amount
71000 - Personal Services (position detail below)	\$300.0
72000 – Travel	\$25.0
73000 – Contractual	\$225.0
74000 - Commodities	\$50.0

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75000 - Capital Outlay	\$0.0
77000 - Grants	\$0.0
Total Request	\$600.0

Position Detail:

All are existing positions located in Fairbanks

- (10-2224) Geologist V, PFT
- (10-2122) Geologist IV, PFT
- (10-2008) Geologist III PFT
- (10-2064) Geologist III, PFT
- (10-2046) Geological Scientist I, PFT
- (10-N11004) Geologist III, LTNP
- (10-N11030) Geologist I, LTNP
- (10-N13094) Geologist IV, LTNP