

**USGS Statemap Grant to Spur Mineral Investment and Exploration****FY2017 Request:  
Reference No:****\$600,000  
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 U.S 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.

<b>Funding:</b>	<b>FY2017</b>	<b>FY2018</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>Total</b>
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
<b>Total:</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$3,600,000</b>

☐ State Match Required   ☐ One-Time Project   ☐ Phased - new   ☐ Phased - underway   ☒ On-Going  
0% = Minimum State Match % Required   ☐ Amendment   ☐ 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:**

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.

<b>Line Item</b>	<b>Amount</b>
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
<b>Total Request</b>	<b>\$600.0</b>

**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