

## Part 1 – Agency Profile

### Agency Overview

The Idaho Geological Survey is the lead state agency for the collection, interpretation, and dissemination of geologic and mineral data for Idaho. The agency has served the state since 1919 and prior to 1984 was named the Idaho Bureau of Mines and Geology. The agency is staffed by about nine state-funded FTEs and 15-20 externally funded temporary and part-time employees.

Members of the Idaho Geological Survey staff acquire geologic information through field and laboratory investigations and through cooperative programs with other governmental and private agencies. The Idaho Geological Survey's geologic mapping program is the primary applied research function of the agency. The Survey's Digital Mapping Laboratory is central to compiling, producing, and delivering new digital geologic maps. Other main Idaho Geological Survey programs include geologic hazards, hydrology, mining, abandoned and inactive mines inventory, and earth science education outreach. As Idaho grows, demand is increasing for geologic information related to population growth, minerals, energy, water resources, landslides, and earthquakes.

### Core Functions/Idaho Code

Idaho Code Title 47, Chapter 2, defines the authority, administration, advisory board members, functions and duty of the Idaho Geological Survey. The section contents:

- **Section 47-201:** Creates the Idaho Geological Survey to be administered as special program at the University of Idaho. Specifies the purpose as the lead state agency for the collection, interpretation and dissemination of geologic and mineral information. Establishes a survey advisory board and designates advisory board members and terms.
- **Section 47-202:** Provides for an annual meeting of the advisory board, and location of the chief office at the University of Idaho. Specifies the director of the Idaho Geological Survey report to the President of the University through the Vice President for Research. Specifies for the appointment of a state geologist.
- **Section 47-203:** Defines the duty of the Idaho Geological Survey to conduct statewide studies in the field and in the laboratory, and to prepare and publish reports on the geology, hydrology, geologic hazards and mineral resources of Idaho. Provides for establishment of a publication fund. Allows the Survey to seek and accept funded projects from, and to cooperate with, other agencies. Allows satellite offices at Boise State University and Idaho State University.
- **Section 47-204:** Specifies the preparation, contents, and delivery of a Survey Annual Report.

## Idaho Geological Survey

### Revenue and Expenditures:

Revenue	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
General Fund	\$ 714,800	\$701,100	\$671,800	\$701,200	706,900
<b>Total</b>	<b>\$ 714,800</b>	<b>\$701,100</b>	<b>\$671,800</b>	<b>\$701,200</b>	<b>\$706,900</b>
Expenditure	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Personnel Costs	\$ 693,600	\$685,900	\$625,115	\$618,936	\$573,945
Operating Expenditures	18,609	\$15,200	\$22,812	\$19,478	\$87,772
Capital Outlay	2,591	0	\$23,873	\$62,786	\$45,183
Trustee/Benefit Payments	0	0	0	0	0
<b>Total</b>	<b>\$ 714,800</b>	<b>\$701,100</b>	<b>\$671,800</b>	<b>\$701,200</b>	<b>\$706,900</b>

### Profile of Cases Managed and/or Key Services Provided

Cases Managed and/or Key Services Provided	FY 2011	FY 2012	FY 2013	FY 2014
Square Miles of Geological Mapping	988	916	1029	427
Number of Educational Programs for Public Audiences	5	5	15	20
Number of Geologic Reports	17	39	18	18
Number of Geologic Presentations	12	15	9	15
Number of Website Viewers (no robot searches)	311,075	201,507	255,661	434,076
Number of Grants and Contracts	15	22	12	12

### Performance Highlights:

- The Idaho Geological Survey again ranked near the top of all STATEMAP funding awards from the National Cooperative Geologic Mapping Program. The number of square miles mapped depends on the scale (detail) of the quadrangle. Digital geologic web maps have a wide range of uses and are the most popular survey products.
- Robust sales of the 2012 Geologic Map of Idaho continued in FY 2014. Copies of the map were also distributed to all public middle and high schools in the state.
- Continued exploration following the announcement of new discoveries of oil and gas in SW Idaho have increased the need for IGS online oil and gas files and drill log information.
- The Idaho Geological Survey completed the third year of a substantial grant to contribute to the National Geologic Geothermal Data Program. Thermal-gradient holes drilled as part of this grant helped define a new exploration target for geothermal energy in southeast Idaho.
- Global interest from the mineral industry continues in Idaho's traditional mining products as well as undeveloped rare-earth elements critical to manufacturing computer processors and batteries.
- The second year of an industry-supported geologic study of the Stibnite Mining District was completed.
- A two-year study of aggregate characteristics funded by the Idaho Transportation Department was completed.
- Seismic site class and liquefaction susceptibility maps for part of the Big Wood River Valley area were completed with funding from the Idaho Bureau of Homeland Security.
- Continued IGS website enhancements and database organization streamline user's access to information online.

- Nearly all survey products are now available on the website. Over 400,000 users visited the Idaho Geological Survey website during the year.

## Part II – Performance Measures

Performance Measure	2011	2012	2013	2014	Benchmark
Number of Publications on Geology/Hydrology/Hazards/Mineral Resources	27	33	30	32	35
Cumulative Percent of Idaho's Area Covered by Modern Geologic Mapping	34.0	35.2	36.2	36.6	36.4
Externally Funded Grant and Contract Dollars	\$548,704	\$635,580	\$874,357	\$371,023	\$531,085
Number of Website Products Delivered/Used	117,947	101,067	181,337	132,454	180,000

### For More Information Contact

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