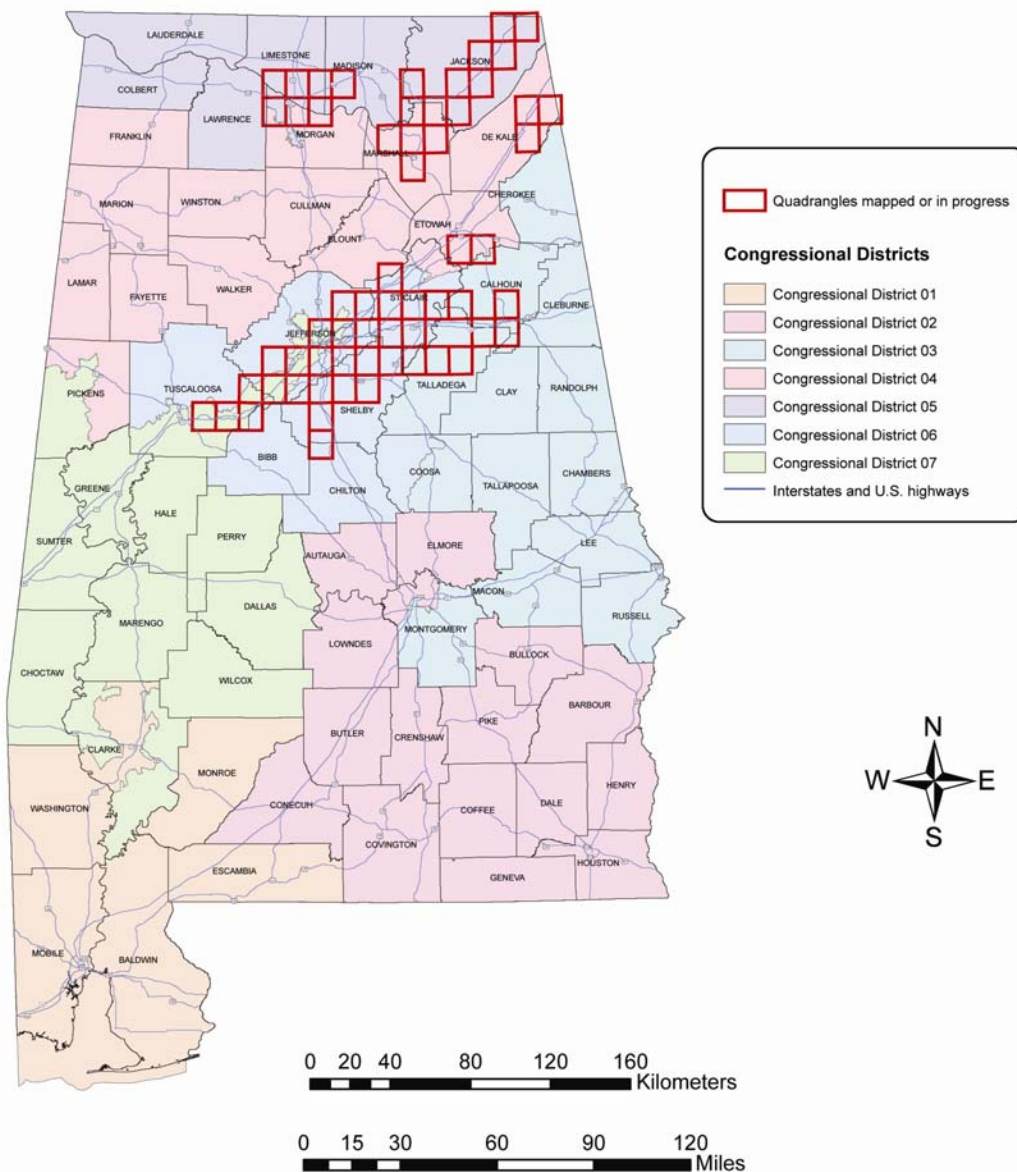


NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM

STATEMAP Component: States compete for federal matching funds for geologic mapping.



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SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN ALABAMA

Federal Fiscal Year	Project Title	Scale	State Dollars	Federal Dollars	Total Project Dollars
1993	Leeds quadrangle	1:24,000	\$20,000	\$20,000	\$40,000
1994	Helena quadrangle	1:24,000	17,608	17,608	35,216
1995	Alabaster and Anniston quadrangles	1:24,000	30,000	30,000	60,000
1996	Anniston area	1:24,000	66,293	66,293	132,586
1997	Tuscaloosa-Birmingham corridor	1:24,000	75,053	75,053	150,106
1998	North Birmingham, Year 1	1:24,000	51,456	51,456	102,912
1999	North Birmingham, Year 2	1:24,000	106,762	106,762	213,524
2000	Shelby County	1:24,000	102,870	102,870	205,740
2001	Honda Plant site and Decatur area, Year 1	1:24,000	127,550	127,550	255,100
2002	Honda Plant site and Decatur area, Year 2	1:24,000	144,853	144,853	289,706
2003	Honda Plant site, Year 3, and Tuscaloosa	1:24,000	85,176	85,176	170,352
2004	I-459 and Fort Payne, Year 1	1:24,000	92,119	92,119	184,238
2005	Fort Payne, Year 2, and Corridor 7 (U.S. Hwy. 72), Year 1	1:24,000	88,486	88,486	176,972
2006	Corridor 7 (U.S. Hwy. 72), Year 2	1:24,000	105,037	105,037	210,074
2007	Corridor 7 (U.S. Hwy. 72), Year 3 and Fort Payne, Year 3	1:24,000	106,595	106,595	213,190
2008	Corridor 7 (U.S. Hwy. 72), Year 4	1:24,000	112,789	112,789	225,578
2009	Corridor 7 (U.S. Hwy. 72), Year 5, and Gadsden, Year 1	1:24,000	117,011	117,011	234,022
2010	Corridor 7 (U.S. Hwy. 72), Year 6, and Gadsden, Year 2	1:24,000	124,816	124,816	249,632
	TOTALS		\$1,691,183	\$1,691,183	\$3,382,366

EXAMPLE OF STATEMAP OUTCOME

The Concord, Alabama, 7.5-minute quadrangle is situated between Tuscaloosa and Birmingham along the Interstate 20/59/459 Growth Corridor. The quadrangle is underlain by structurally complex Paleozoic sedimentary rocks at the leading edge of the Appalachian thrust belt. A Northern Beltline around Birmingham has been planned for decades, and federal funding has been secured for right-of-way purchase and engineering. The Northern Beltline will extend through the eastern part of the Concord quadrangle near the point where it will join Interstate 459 (the southern bypass loop) and Interstate 20/59. About 20 miles to the southwest, construction of a \$300 million Mercedes-Benz International passenger vehicle manufacturing facility was finished in 1996, and a \$600 million expansion was recently completed that doubled the work force and size of the plant. To the northeast, the Birmingham-Hoover area is the largest metropolitan area in the state, having a population greater than 1.1 million people. In order to provide basic geologic data for planning and development of the area, the Geological Survey of Alabama, supported in part by the U.S. Geological Survey's National Cooperative Geologic Mapping Program, recently completed geologic mapping of the Concord quadrangle at the 1:24,000 scale. The geologic map is currently being extensively used by the aggregate industry in the continued search for high-quality construction materials to support the growing infrastructure of the area, and planners and developers are using the map in the planning for and mitigation of geologic hazards and for foundation studies. Publication of the Concord quadrangle reflects the Geological Survey of Alabama's commitment to producing new geologic maps in areas where basic geologic data are needed to support industrial and urban development.