



Association of American
State Geologists



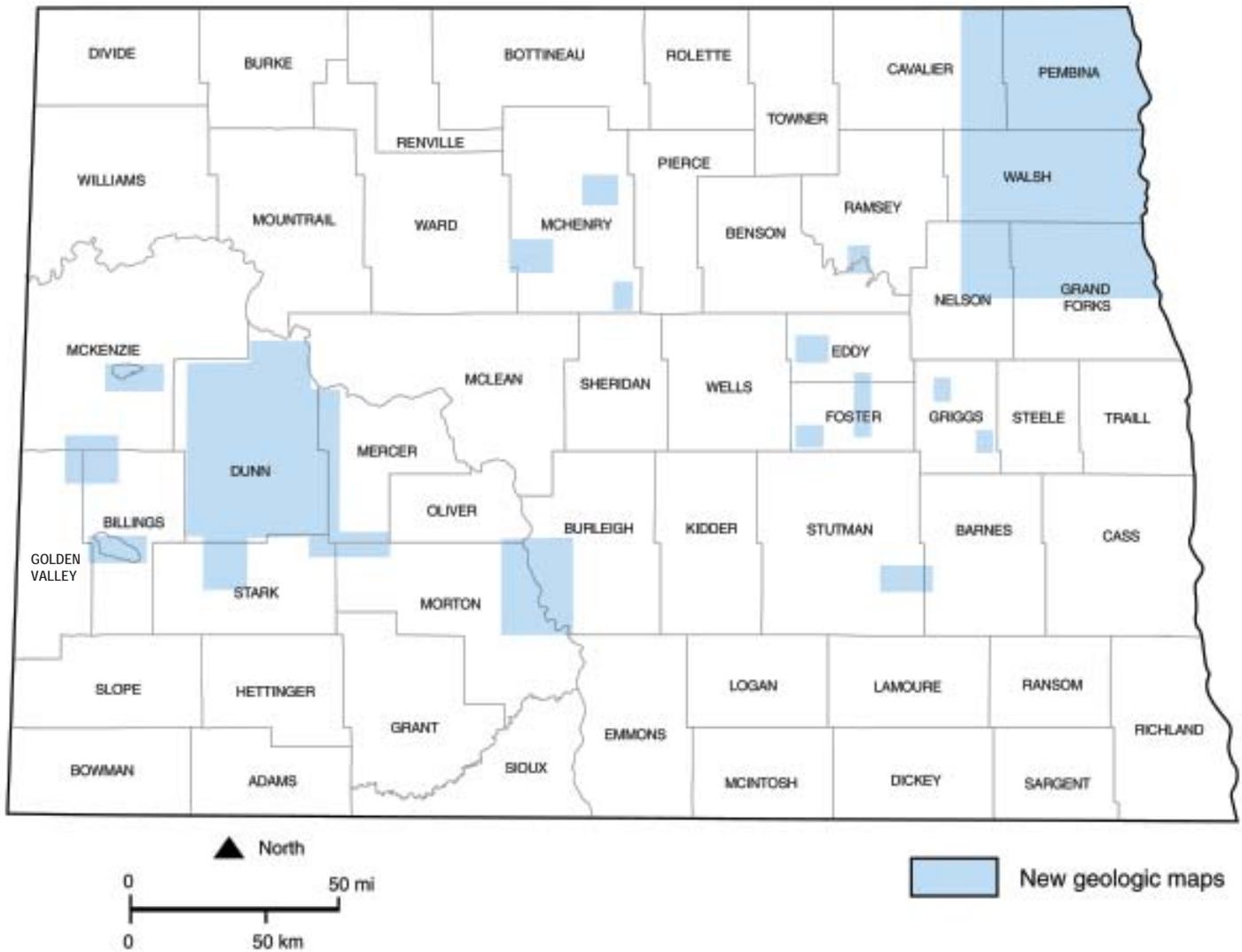
United States
Geological Survey



National Cooperative Geologic Mapping Program

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

NORTH DAKOTA



Contact information

North Dakota Geological Survey

State Geologist: John P. Bluemle (701/328-8000)
 STATEMAP Contact: Edward C. Murphy (701/328-8000)
<http://www.state.nd.us/ndgs/>

U.S.G.S. Geologic Mapping Program Office
 Program Coordinator: Peter T. Lytle (703/648-6943)
<http://ncgmp.usgs.gov/>

**SUMMARY OF STATEMAP
GEOLOGIC MAPPING PROGRAM IN NORTH DAKOTA**

Federal Fiscal Year	Project Title	Federal Dollars	State Dollars	Total Project Dollars
93	Jamestown Area	\$18,049	\$18,049	\$36,098
94	Dickinson Area	23,040	23,517	46,557
95	Theodore Roosevelt Nat'l Park	9,000	10,296	19,296
96	1) Bismarck/Mandan, 2) Grafton	29,584	32,685	62,269
97	Bismarck/Mandan Area	18,820	18,820	37,640
98	No Project	0	0	0
99	Cavalier County	7,185	7,185	14,370
00	Walsh, Pembina, Cavalier counties	8,324	8,324	16,648
01	Dunn, Mercer, McKenzie, Billings counties	52,444	53,000	105,444
02	No Project	0	0	0
03	McKenzie, Billings, Stark, Ramsey counties	28,617	28,617	57,234
	TOTALS	\$195,063	\$200,493	\$395,556

The North Dakota Geological Survey has completed a number of geologic mapping projects utilizing funding from the National Cooperative Geologic Mapping Program (STATEMAP). The timely completion of these projects was made possible by funding from this program. The majority of these projects have resulted in detailed geologic maps at a scale of 1:24,000. Geologic maps have been created for four urban areas in the state: Bismarck, Devils Lake, Dickinson, and Jamestown. Geologic hazards, such as landslides, and avoidance features, such as abandoned garbage dumps, gravel pits, abandoned underground coal mines, and gravel resources, were identified on these maps. Geologic maps of urban areas contain vital information for city engineers, developers, geotechnical consultants, aggregate companies, etc. Mapping projects in the Theodore Roosevelt National Park resulted in a geologic report and maps which are being utilized by Park personnel for management purposes and by Park visitors including hikers, bicyclists, etc. for recreational purposes. Several mapping projects in the northeastern corner of North Dakota resulted in the completion of a 1:100,000 scale mapping program of the flood-prone corridor of the Red River Valley. Recent mapping has focused on kaolinite-rich rocks in western North Dakota for brick manufacturing and flood-prone areas in and around the town of Devils Lake.