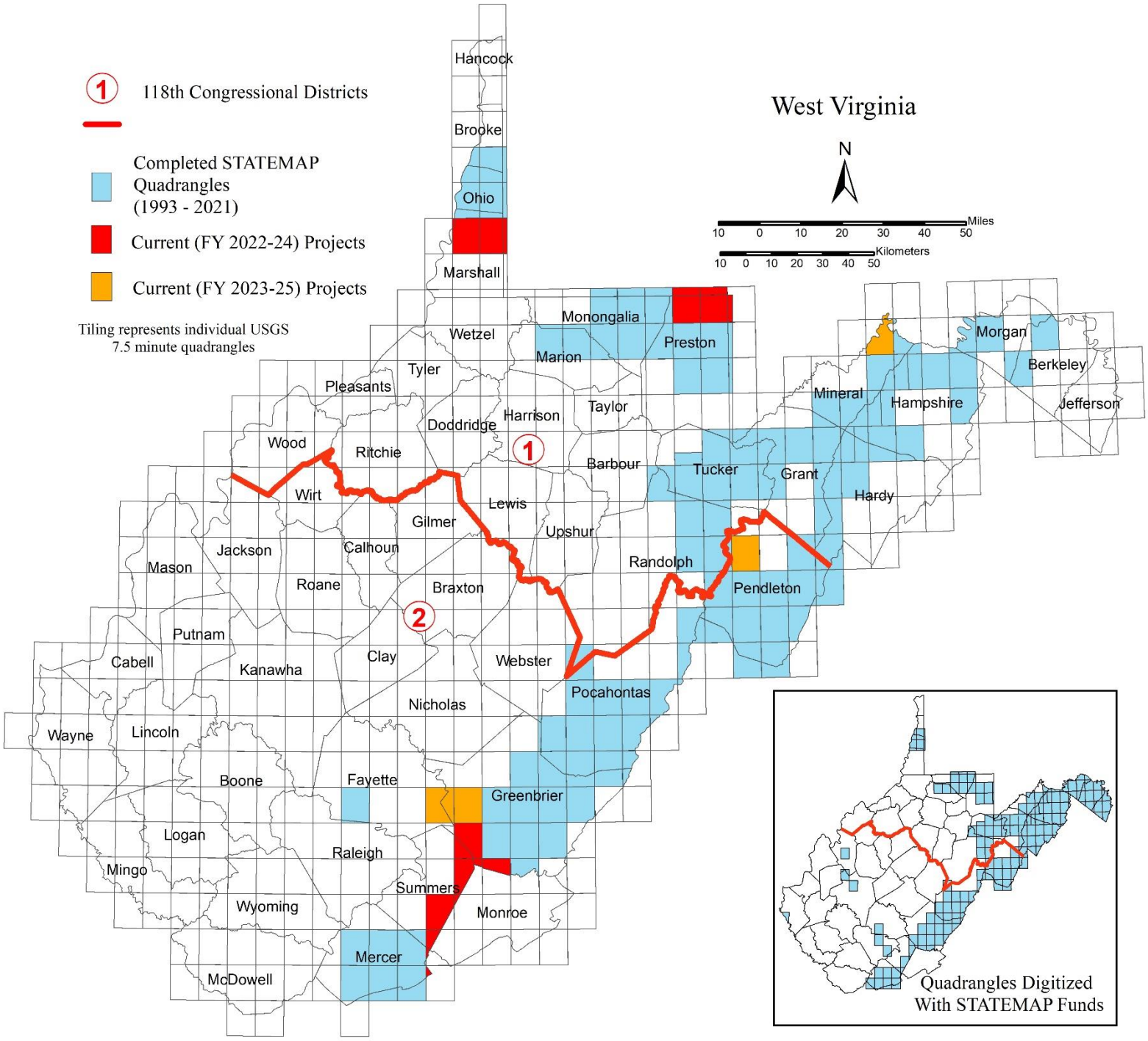
West Virginia Geological and Economic Survey

Association of American State Geologists

United States Geological Survey

National Cooperative Geologic Mapping Program 2024



West Virginia Geological and Economic Survey
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SUMMARY OF STATEMAP
GEOLOGIC MAPPING PROGRAM IN WEST VIRGINIA

Federal Fiscal Year	Project Quadrangle	State Funding	Federal Funding	Total Funding
1993	Canaan Valley	$26,545	$23,167	$49,712
1994	Canaan Valley – Davis; Big Pool/Glengary	81,823	53,000	134,823
1995	Canaan Valley - Mt. Storm	39,251	22,000	61,251
1996	Hagerstown/Frederick; Great Cacapon/Paw Paw	82,829	60,210	143,039
1997	Blackbird Knob; Largent/Levels; Palo Alto; Cumberland/Winchester	157,481	134,844	292,325
1998	Doe Hill/Sugar Grove	50,764	43,241	94,005
1998	Winchester/Front Royal	28,809	24,568	53,377
1999	Bluefield/Princeton	39,391	28,676	68,067
1999	Moatstown	32,618	26,996	59,614
1999	Capon Bridge/Rio	33,089	30,449	63,538
2000	Oakvale/Athens	25,603	25,603	51,206
2000	Sector/Moorefield	28,775	28,775	57,550
2000	Brandywine	15,622	15,622	31,244
2001	Petersburg East and e. Rig	35,697	32,732	68,429
2001	Snowy Mountain, Spruce Knob	36,749	35,619	72,368
2001	Lerona and Matoaka	37,314	31,132	68,446
2002	w. Old Fields, w. Rig, Lake Lynn	36,309	34,692	71,001
2002	Circleville and Thornwood	33,006	27,559	60,565
2003	Morgantown North and South	39,000	25,645	64,646
2003	Franklin, e. Old Fields, w. Romney	34,918	26,818	61,736
2004	Ft Seybert, e. Romney, e. Springfield	42,095	32,569	74,664
2004	Osage and Rivesville	27,361	18,159	45,520
2005	Mozer, w. Springfield, s. Patt. Crk.	44,688	37,321	82,009
2005	Grant Town	13,893	13,398	27,291
2006	Milam, Cow Knob, Headsville	45,539	26,780	72,319
2006	Wheeling, Tiltonsville, Bethany (WV)	32,999	15,953	48,952
2007	Burlington	13,579	12,357	25,936
2007	Val. Grove, Mannington, Bethany (PA)	36,770	12,651	49,421
2008	Medley, Sharp Knob, Hightown	86,458	66,134	152,592
2009	Antioch, Paddy Knob, Mustoe	47,516	47,134	94,650
2010	Greenland Gap	29,682	29,022	58,704
2011	Clover Lick	34,600	24,236	58,896
2012	Minnehaha Springs, Sunrise (WV only), Glady	55,101	31,137	86,238
2013	Oak Hill, Marlinton, Whitmer	80,616	68,196	148,812
2014	Masontown, Harman, Lake Sherwood and Mountain Grove (WV only)	85,373	69,278	154,651
2015	Alvon, Bowden, Valley Point, Cuzzart, and Sang Run (WV only)	147,089	98,209	245,298
2016	Parsons & S. part Saint George, Kingwood, Terra Alta and Oakland (WV only)	80,363	75,466	155,829
2017	Montrose, Lead Mine, Mozark Mountain, White Sulphur Springs	160,344	150,915	311,259
2018	Edray and Hillsboro	61,810	58,209	120,019
2019	Denmar, Lobelia, Woodrow	83,729	74,141	157,870
2020	Droop, Trout, Anthony	145,961	140,044	286,005
2021	Williamsburg, Lewisburg, Cornstalk, Asbury, Ronceverte (partial)	199,932	193,703	393,635
2022-2024	Alderson (part), Brandonville, Bruceton Mills, Dawson, Forest Hill (part), Fort Spring (part), Friendsville (part), Greenville (part), Majorsville, Moundsville, Narrows (part), Peterstown (part)	346,811	336,177	682,988
2023-2025	Cresaptown and Cumberland (WV only), Onego, Rupert, Rainelle	329,879	312,939	642,818
	Totals	$3,127,781	$2,675,476	$5,803,318

The United States Geological Survey (USGS), through the National Cooperative Geologic Mapping Program's STATEMAP program, provides matching funds to the West Virginia Geological and Economic Survey (WVGES) to map the geology of West Virginia. Geologic maps are used by individuals, government, schools, and industry to locate and evaluate waste-disposal sites, identify domestic and public water sources, educate teachers and students about the geology of the state, and identify historic landslides.

Map areas are prioritized according to the Statewide Geologic Mapping Plan. A panel of representatives from Industry, Education, and Government sets the priorities and ranks the proposed projects every year. These priorities include infrastructure and economic development, high population growth, rural development, mining, quarrying, oil and gas, karst, tourism and natural beauty, recreational use, environmental concerns, current interest, and significant water resources.

Recent Outcomes: Dr. Joseph Lebold is a teaching associate professor of geology at West Virginia University in Morgantown, West Virginia and is lead author of Lebold and Wilkinson, 2018, *Roadside Geology of West Virginia*. He used several STATEMAP products in the making of his book, including the geologic maps of the Canaan Valley area, Lake Lynn, and Franklin quadrangles. These roadside geology guides are very popular with geologists and the curious general public, and these maps provided recent sources of surface and subsurface geology in some of the most heavily travelled and visited locations in West Virginia.

March 2024