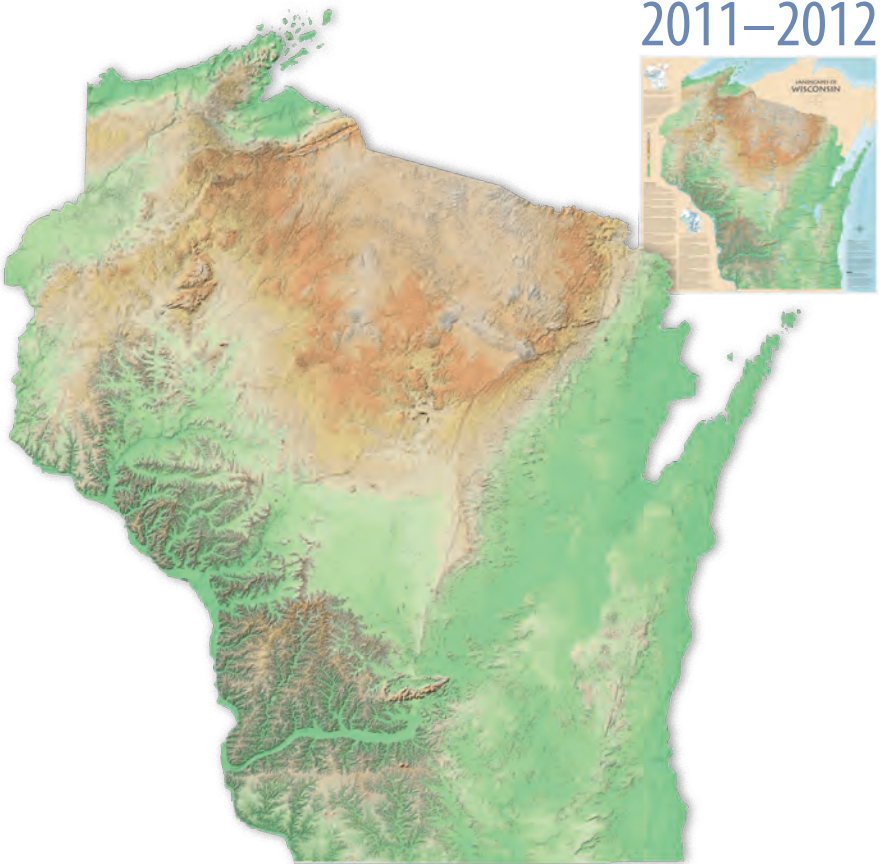
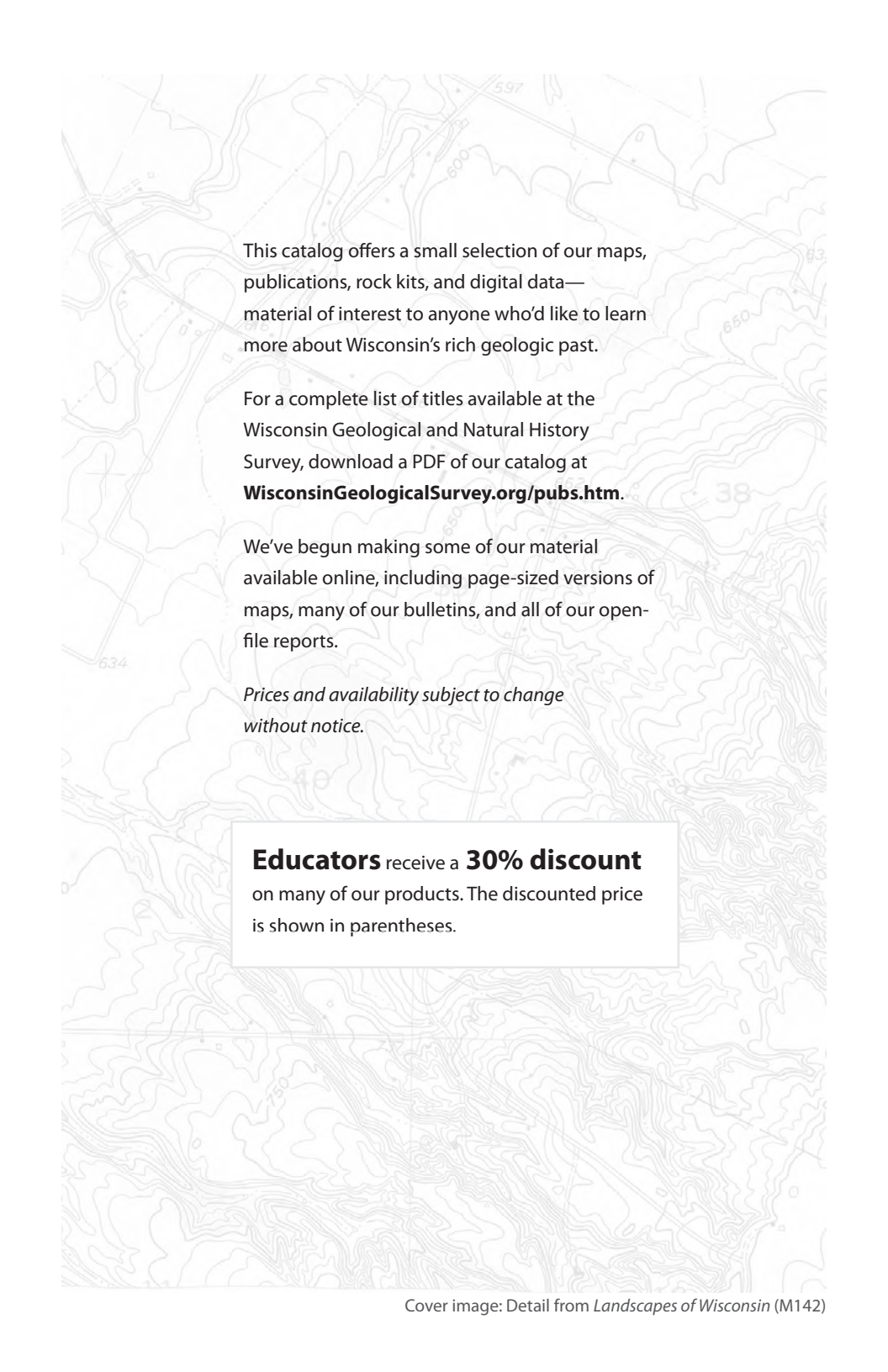


WISCONSIN GEOLOGICAL AND
NATURAL HISTORY SURVEY

Wisconsin geologic maps and publications

2011–2012





This catalog offers a small selection of our maps, publications, rock kits, and digital data—material of interest to anyone who'd like to learn more about Wisconsin's rich geologic past.

For a complete list of titles available at the Wisconsin Geological and Natural History Survey, download a PDF of our catalog at **WisconsinGeologicalSurvey.org/pubs.htm**.

We've begun making some of our material available online, including page-sized versions of maps, many of our bulletins, and all of our open-file reports.

Prices and availability subject to change without notice.

Educators receive a **30% discount** on many of our products. The discounted price is shown in parentheses.



MAPS

Maps of Wisconsin

Note: Some of the maps of the entire state of Wisconsin listed here are available in two scales: at a page-size scale (1:2,730,000) or a larger scale (1:1,000,000, 1:500,000, or other). The larger-scale maps are useful for display and show more detail than the page-size maps; the smaller-scale maps have been generalized to fit the page. All maps are flat, not folded, unless otherwise noted.



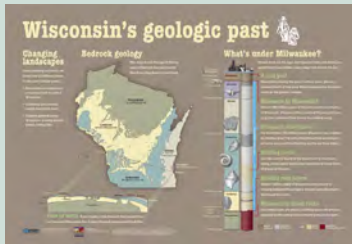
3-D Wisconsin map

3-D Wisconsin

When viewed with 3-D glasses, Wisconsin's land features pop off the page. Brief descriptions of major land forms paint the geologic history that shaped the state; expanded descriptions and photos are online. We've field-tested this map on fourth graders and can attest to its appeal. Size: 27.5 x 32 inches. Includes two pairs of 3-D glasses.

- Map + 2 glasses: M500 . . . \$20.00 (30% disc. \$14.00)
- 10 3-D glasses: MISC-3D10 \$5.00 (no discount)
- 25 3-D glasses: MISC-3D25 \$10.00 (no discount)

NEW! June 2011



Wisconsin's Geologic Past

At different times in the past three billion years, mountains and volcanoes stood tall in Wisconsin, shallow seas covered much of the state, and glaciers plowed across the landscape. This educational poster vividly brings our past to life. Ideal for classrooms.

Size: 27 x 39 inches.

M502 \$20.00 (30% disc. \$14.00)

Landscapes of Wisconsin

Shows the elevation of Wisconsin through the use of color and shaded relief. Includes explanatory text about the geologic history of the state and more detailed information about 12 of the most prominent features. Poster map scale 1:500,000. Size: 42 x 42 inches.

- Page size: PG8
- \$0.50 (30% disc. \$0.35)
- M142 . . . \$20.00 (30% disc. \$14.00)

3-D Wisconsin & Landscapes of Wisconsin—Set

This pairing makes a natural set. Compare 3-D geologic features against their 2-D counterparts.

- M501-set . \$30.00 (30% disc. \$21.00)
- 10 3-D glasses . \$5.00 (no discount)
- 25 3-D glasses \$10.00 (no discount)



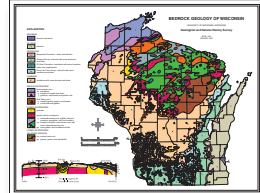
Page-Size Maps of Wisconsin—Set of Seven Maps

Set of seven page-sized maps: Bedrock Geology of Wisconsin, Early Vegetation of Wisconsin, Groundwater Contamination Susceptibility in Wisconsin, Ice Age Deposits of Wisconsin, Landscapes of Wisconsin, Soil Regions of Wisconsin, Thickness of Unconsolidated Materials in Wisconsin.

PGset . . . \$3.00 (30% disc. \$2.10)

Bedrock Geology of Wisconsin

Describes the types of rocks found throughout the state by age and explains how to interpret the accompanying cross section. (The tear-resistant map looks and feels like paper.) Scale 1:1,000,000. Sizes: 36 x 24 inches, 8.5 x 11 inches.



Page size: PG08 . . . \$0.50 (30% disc. \$0.35)

Paper: SM18-paper . . . \$20.00 (30% disc. \$14.00)

Tear resistant: SM18-plastic . . . \$30.00 (30% disc. \$21.00)

Early/Original Vegetation of Wisconsin



Based on the original land-survey records compiled between 1832 and 1866. Poster size (Tyvek) also sold as set with Wisconsin Land Cover map. Scale 1:500,000. Sizes: 45 x 40 inches, 8.5 x 11 inches.

Page size: PG11 . . . \$0.50 (30% disc. \$0.35)

Paper (folded): SM39-paper . . . \$5.00 (30% disc. \$3.50)

Tyvek: SM39-tyvek . . . \$20.00 (30% disc. \$14.00)

Glacial Deposits of Wisconsin: Sand and Gravel Potential

A color map showing outwash, ground moraine, end moraine, and glacial deposits. Scale 1:500,000. Size: 45 x 43.25 inches.

Map: SM10 . . . \$20.00 (30% disc. \$14.00)

Explanatory text (22 pages): SM10-text . . . \$3.00 (30% disc. \$2.10)

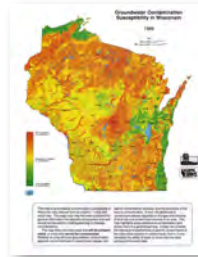
CD-ROM: SM10-DI . . . \$25.00 (30% disc. \$17.50)

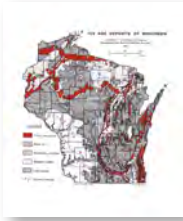
Groundwater Contamination Susceptibility in Wisconsin

How susceptible are different areas of Wisconsin to groundwater contamination? This map gives a quick visual overview. It was created using type of bedrock, depth to bedrock, depth to water table, soil type, and surface deposits.

Size: 8.5 x 11 inches.

Page size: PG19 \$0.50 (30% disc. \$0.35)





Ice Age Deposits of Wisconsin

Details the major glacial landforms of Wisconsin. Identifies where and what kind of rocks and soil debris were deposited in Wisconsin during the Ice Age. Size: 8.5 x 11 inches.

Page size: PG09 . . . \$0.50 (30% disc. \$0.35)

Soil Regions of Wisconsin

Shows the major soil types of Wisconsin. Poster map scale 1:710,000. Sizes: 46 x 35 inches, 8.5 x 11 inches.

Page size: PG20 . . \$0.50 (30% disc. \$0.35)

Large: SM20 \$20.00 (30% disc. \$14.00)



State of Wisconsin Shaded Relief

Map of Wisconsin showing rivers with names, drainage basins, and divides. Useful in a variety of studies dealing with geography of drainage basins, watershed use, and general water-resource issues. Scale 1:500,000. Size: 45 x 43.25 inches.

SM22 . . . \$20.00 (30% disc. \$14.00)



Thickness of Unconsolidated Material in Wisconsin/Depth to Bedrock in Wisconsin

Shows the depth to bedrock. Scale 1:1,000,000. Sizes: 24 x 24 inches, 8.5 x 11 inches.

Page size: PG18 . . . \$0.50 (30% disc. \$0.35)

Large: SM30 . . . \$10.00 (30% disc. \$7.00)

Wisconsin Land Cover, Interpreted from Satellite Imagery

Shows patterns and features in Wisconsin's land cover. Also sold as set with Original Vegetation map (see below). Scale 1:500,000. Size: 42 x 49 inches.

MSC-OC41 . . . \$20.00 (30% disc. \$14.00)

Wisconsin Land Cover & Original Vegetation—Set

A Tyvek copy of the Original Vegetation of Wisconsin map and a paper copy of the Wisconsin Land Cover map. Because both maps are the same scale, you can easily compare the way Wisconsin looked in the past to the way it looks in the present.

SM39-SET \$30.00 (30% disc. \$21.00)





Maps of parts of Wisconsin

Pleistocene Geology of Superior Region, Wisconsin

Glacial features of the northwestern part of the state. Scale 1:250,000. Size: 28 x 37 inches.

REG3 \$20.00 (30% disc. \$14.00)

Bedrock Geology of Wisconsin, Regional Maps

Types of bedrock, formation names, major faults, and time period of formation. Scale 1:250,000.

Northeast Region Size: 28 x 37 inches.

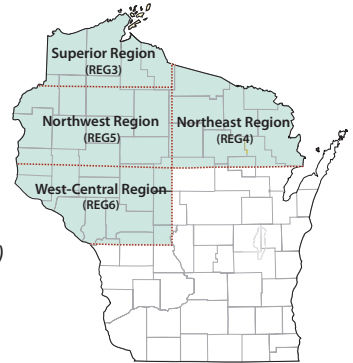
REG4 . . . \$20.00 (30% disc. \$14.00)

Northwest Region Size: 36 x 22.5 inches, 2 sheets.

REG5 . . . \$20.00 (30% disc. \$14.00)

West-Central Region Size: 28 x 37 inches.

REG6 . . . \$20.00 (30% disc. \$14.00)



Glacial Landforms of the Southern Green Bay Lobe, Southeastern Wisconsin

Shows the features (such as drumlins, moraines, and eskers) created by the southern Green Bay Lobe of the Laurentide Ice Sheet in southeastern Wisconsin. Scale 1:250,000. Size: 35 x 30 inches.

MM52 . . . \$20.00 (30% disc. \$14.00)

Topographic Map Series

All-purpose maps that can be useful for a variety of activities such as landform identification, cross-section drawing, and determining elevations.

7.5-minute quadrangles: Scales 1:24,000 or 1:25,000.

Size: 22 x 28 inches (varies).

TOP07 \$8.00 (no discount)

County maps: Scale 1:100,000. Size varies.

TOP50 \$9.00 (no discount)

30 x 60 minute maps: Scale 1:100,000. Size: 29 x 40 inches.

TOP30 \$9.00 (no discount)

1 x 2 degree maps: Scale 1:250,000. Size: 22 x 32 inches.

TOP40 \$9.00 (no discount)

Index to USGS Topographic Maps of Wisconsin: Helpful in determining the names of the various U.S. Geological Survey topographic maps listed above. Scale: 1:1,000,000. Size: 27 x 27 inches.

BI-01 free



PUBLICATIONS

Geology of Wisconsin

Bedrock Stratigraphic Units in Wisconsin

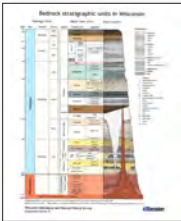


Chart showing a stratigraphic column of Paleozoic rocks in Wisconsin using standard symbols. Names according to correlated ages. The page-size version explains how to read and interpret the rock column. Available in three sizes.

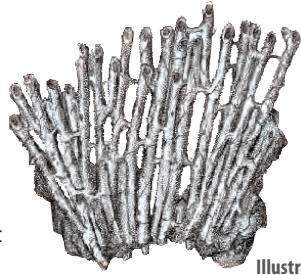


Illustration from *Common Paleozoic Fossils of Wisconsin*

- 8.5 x 11: ES51 . . . \$0.50 (30% disc. \$0.35)
- 17.5 x 23: WOFR2006-06MD . . \$12.00 (30% disc. \$8.40)
- 35 x 46: WOFR2006-06LG . . . \$25.00 (30% disc. \$17.50)

Common Paleozoic Fossils of Wisconsin

Describes how and where fossils form, what fossils tell us about ancient environments, how to collect fossils, and where to look for them. Heavily illustrated. 25 p. Size: 8.5 x 11 inches.

ES45 . . . \$7.00 (30% disc. \$4.90)

Geology of Sauk County, Wisconsin

Geologic history and description of Sauk County, the home of Devils Lake and Parfreys Glen. 68 p.; includes four-color bedrock map and cross sections. Map and cross sections are folded. Sizes: booklet 8.5 x 11; map (scale 1:100,000) 24.5 x 34.5 inches; cross sections 24 x 38 inches.

IC67 . . . \$25.00 (30% disc. \$17.50)

Glaciation of Wisconsin

Brief technical description of Wisconsin's geologic history, glacial phases and lobes, and correlation and distribution of Pleistocene units. Heavily illustrated. 4 p. Size: 8.5 x 11 inches.

ES36 . . . \$1.00 (30% disc. \$0.70)

The Ice Age Geology of Devils Lake State Park

A good source of information concerning the glacial history of Devils Lake. Folded two-color map included. 28 p. Sizes: booklet 4 x 9 inches; map (scale 1:24,000) 18 x 24 inches.

ES35 . . . \$8.00 (30% disc. \$5.60)



Illustration from *The Ice Age Geology of Devils Lake State Park*



Landscapes of Dane County, Wisconsin

Explains the geologic causes of the county's natural landscape and follows each description with an exploration of the parts of the county that showcase specific geologic features. Includes a folded color map that shows the surface geology and locations of parks. Heavily illustrated. 43 p. Sizes: booklet 4 x 9 inches; map (scale 1:200,000) 14.5 x 24 inches.

ES43 . . . \$8.00 (30% disc. \$5.60)

We offer reports with maps describing the geologic history of a number of Wisconsin's counties. See our site for more titles:
WisconsinGeologicalSurvey.org

Pleistocene Geology of Dane County, Wisconsin

Description of the geologic history of Dane County. The preface points out the significance of glacial landscape research at WGNHS over the past century. Many pictures and diagrams and a four-color map and cross sections show the striking differences between glaciated and unglaciated regions of the county. Map and cross sections are folded. Sizes: booklet 8.5 x 11; map (scale 1:100,000) 39 x 24 inches;

cross sections 32 x 24 inches.

B095 . . . \$25.00 (30% disc. \$17.50)

Roadside Geology of Wisconsin

In 35 road guides, the authors explain the geological underpinnings of the landscape along major Wisconsin highways and in more than 60 state, county, and city parks. Well illustrated with more than 200 figures, maps, and photographs; 346 p. Size: 6 x 9 inches.

MSC-OC45 . . . \$20.00 (30% disc. \$14.00)



Rocks & Minerals—Wisconsin Edition



Twenty-two page annotated listing by county of quarries, mines, and outcrops that contain Wisconsin minerals. Includes more than 30 full-color photographs of distinctive minerals. November/December 1998 issue; magazine includes other articles on minerals and fossils. Size: 8.5 x 11.

MSC-OC40 . . . \$6.00 (30% disc. \$4.20)

*Interested in learning more about Wisconsin's minerals? Visit **WisconsinGeologicalSurvey.org** to browse the Minerals of Wisconsin database.*



Stones Used in the State Capitol

Brief descriptions of the various kinds of marbles, granites, and limestones that make up different parts of the State Capitol building in Madison.

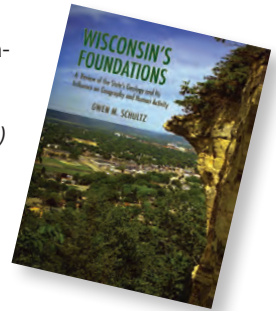
No illustrations. 4 p. Size: 8.5 x 11 inches.

ES01 \$0.50 (30% disc. \$0.35)

Wisconsin’s Foundations

A review of the state’s geology and its influence on geography and human activity. Many figures, maps, and photographs; 211 p. Size: 8.5 x 11 inches.

MSC-OC08 . . . \$25.00 (30% disc. \$17.50)



Groundwater

Groundwater and Land Use in the Water Cycle (poster)

Shows the relationship of the continuous water recycling process to the way land is used. Sizes: 24 x 27 inches, 11 x 17 inches.

Large poster: MSC-OC07 \$2.00 (30% disc. \$1.40)

Small poster: MSC-OC07SM \$1.00 (30% disc. \$0.70)

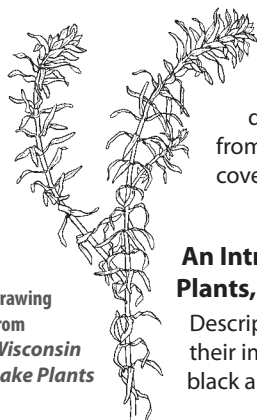
Groundwater: Wisconsin’s Buried Treasure

An easy-to-understand introduction to groundwater concepts. Dispels common misconceptions about groundwater, describes protection measures, and lists contact information for further information. Includes small version of water-cycle poster and many other color illustrations. 32 p. Size: 8.5 x 11 inches.

MSC-OC21free



Natural history



Drawing
from
*Wisconsin
Lake Plants*

Distribution and Habitat Descriptions of Wisconsin Lake Plants

A catalog that features technical information and detailed drawings for more than 100 species of lake plants that range from the rare to the commonplace. Wire bound with plastic cover. 266 p. Size: 4.5 x 8.5 inches.

B096 . . . \$25.00 (30% disc. \$17.50)

An Introduction to Wisconsin Wetlands: Plants, Hydrology, and Soils

Description of the different types of wetlands in Wisconsin and their importance to the surrounding landscape. Illustrated with black and white photographs. 19 p. Size: 6 x 9 inches.

ES12 \$4.00 (30% disc. \$2.80)

A Voyageur's Guide to the Lower Wisconsin River

This booklet covers the Wisconsin River from Prairie du Sac to the Mississippi River. It is a traveler's guide, designed to make a trip more safe and educational. It is also an educational guide to the plants, animals, and fishes of the river. 27 p. Size: 6 x 9 inches.

FTGB10 \$4.00 (30% disc. \$2.80)

ROCK SETS and CORE SAMPLES

Important Rocks and Minerals of Wisconsin—Rock Set

This collection of 15 rocks and minerals is intended for K–12 classroom use. In addition to providing a basis for identifying Wisconsin's more significant rocks, the collection will also help to explain the importance of rocks. Each rock in the set is numbered and explained in detail in the accompanying 18-page information sheet.

ES46 \$25.00 (no discount)

Student Rock Collection Kit

Inexpensive rock kits to jump-start student rock collections. Kits contain five representative rocks and minerals from Wisconsin: red granite, sandstone, dolomite, purple quartzite, plus a fifth of our choice. Also includes a 3-page explanation to be copied. Multiple kits are shipped in five bags (one for each rock type).

ES47 \$2.50 (no discount)



Core Sample from the Deep Tunnel Project

These lengths of core come from exploratory holes dug in preparation for construction of the Deep Tunnel Project in Milwaukee, Wisconsin. Each sample includes a brief write-up about the project and what the cores show. Size: 5 inches (approximate).

ES48 \$5.00 (no discount)

DIGITAL INFORMATION

The data used to create our published maps are now available on CD-ROMs; the data are suitable for use in geographic information systems. Each CD contains data, metadata, along with a PDF file of the map and any accompanying report. This is only a partial list of our available digital datasets; to view the full list or download free copies of the data, visit our web site (WisconsinGeologicalSurvey.org/gis.htm).

CD-ROM: use item # listed below . . \$25.00 (30% disc. \$17.50)

Location	Title (item #)	File type
Statewide	Bedrock Geologic Map of Wisconsin (SM18-DI)	coverage
Dane	Pleistocene Geology of Dane County, Wisconsin (B95-DI)	coverage
Juneau	Geology of Juneau County, Wisconsin (IC66-DI)	shapefile
La Crosse	Geology of La Crosse County, Wisconsin (B101-DI)	coverage
Sauk	Depth-to-Bedrock Map of Sauk County, Wisconsin (MM54-DI)	coverage
	Geology of Sauk County, Wisconsin (IC67-DI)	coverage
	Water-Table Elevation Map of Sauk County, Wisconsin (MM55-DI)	coverage
Waukesha	Pleistocene Geology of Waukesha County, Wisconsin (B99-DI)	coverage
Winnebago	Quaternary Geology of Winnebago County, Wisconsin (B105-DI)	shapefile

Wisconsin Geological and Natural History Survey

Attn: Map Sales
 3817 Mineral Point Road
 Madison, Wisconsin 53705-5100



Office hours: 8:00 AM – 4:30 PM, M–F
 608.263.7389; mapsales@uwex.edu
 www.WisconsinGeologicalSurvey.org

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