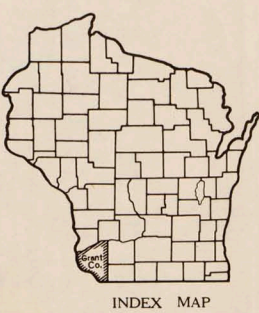
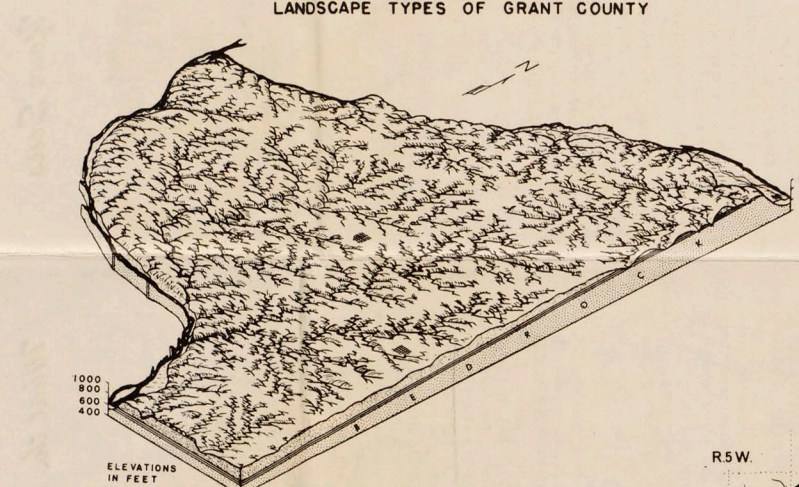
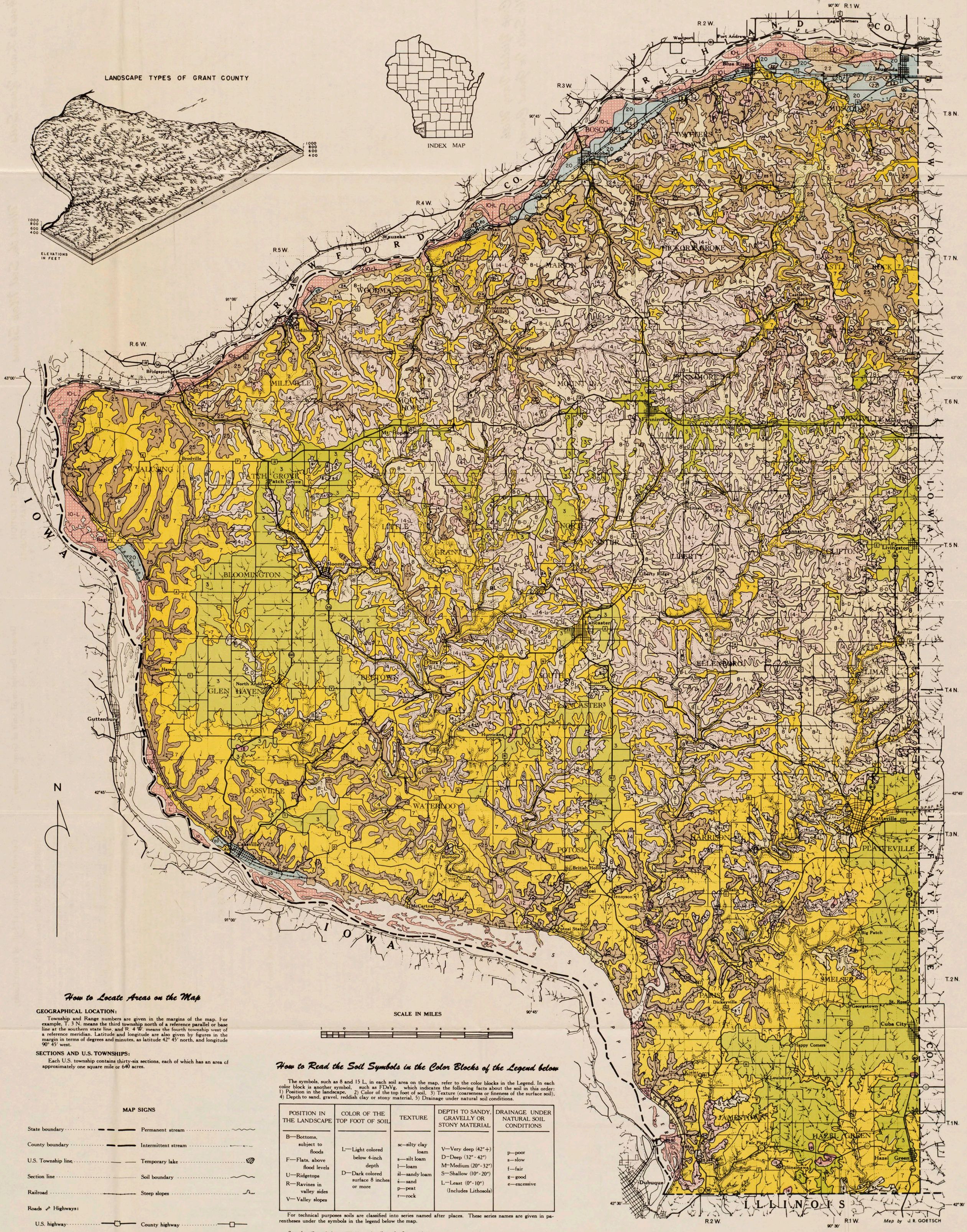


INTRODUCTORY SOIL MAP OF GRANT COUNTY, WISCONSIN



How to Locate Areas on the Map

GEOGRAPHICAL LOCATION:
Township and Range numbers are given in the margins of the map. For example, T. 3 N. means the third township north of a reference parallel or base line at the southern state line, and R. 4 W. means the fourth township west of a reference meridian. Latitude and longitude are also given by figures in the margin in terms of degrees and minutes, as latitude 42° 45' north, and longitude 90° 45' west.

SECTIONS AND U.S. TOWNSHIPS:
Each U.S. township contains thirty-six sections, each of which has an area of approximately one square mile or 640 acres.

MAP SIGNS

State boundary Permanent stream
County boundary Intermittent stream
U.S. Township line Temporary lake
Section line Soil boundary
Railroad Steep slopes
Roads & Highways:
U.S. highway County highway
State highway Town road

How to Read the Soil Symbols in the Color Blocks of the Legend below

The symbols, such as 8 and 15 L, in each soil area on the map, refer to the color blocks in the legend. In each color block is another symbol, such as FDsVg, which indicates the following facts about the soil in this order: 1) Position in the landscape, 2) Color of the top foot of soil, 3) Texture (coarseness or fineness of the surface soil), 4) Depth to sand, gravel, reddish clay or stony material, 5) Drainage under natural soil conditions.

POSITION IN THE LANDSCAPE	COLOR OF THE TOP FOOT OF SOIL	TEXTURE	DEPTH TO SANDY, GRAVELLY OR STONY MATERIAL	DRAINAGE UNDER NATURAL SOIL CONDITIONS
B—Bottoms, subject to floods	L—Light colored below 4-inch depth	sc—silty clay loam	V—Very deep (42" +)	p—poor
F—Flats, above flood levels	D—Dark colored surface 8 inches or more	s—silt loam	D—Deep (32" - 42")	s—slow
U—Ridgetops		l—loam	M—Medium (20" - 32")	f—fair
R—Ravines in valley sides		sl—sandy loam	S—Shallow (10" - 20")	g—good
V—Valley slopes		s—sand	L—Least (0" - 10") (Includes Lithosols)	e—excessive
		p—peat		
		r—rock		

For technical purposes soils are classified into series named after places. These series names are given in parentheses under the symbols in the legend below the map.

Sample soil symbols: 1 FDsVg — A soil on the flats, with 8 inches or more of dark topsoil, a silt loam which is very deep and has good drainage (Richwood and Toddville soil series).

LEGEND

FIRST CLASS SOILS GOOD FARM LAND			SECOND CLASS SOILS GOOD TO FAIR FARM LAND			THIRD CLASS SOILS FAIR FARM LAND			FOURTH CLASS SOILS POOR FARM LAND			FIFTH CLASS SOILS PASTURE OR FOREST LAND - DROUGHTY, STEEP, STONY, OR WET		
FLATS (TERRACE BENCHES)			UPLANDS: RIDGETOPS, VALLEY SLOPES AND RAVINES			FLATS (TERRACE BENCHES)			FLATS (TERRACE BENCHES)			BOTTOMS		
1 FDsVg	Silt loams (RICHWOOD and TODDVILLE)		3 UDsVg	Silt loams (TAMADOWNS, and MUSCATINE)		11 FLsVs	Silt loam (CURRAN)		20 FDsLe	Loamy sand (SPARTA)		21 BDpVp	Peat (MARSH)	
2 FLsVg	Silt loams (BERTRAND and JACKSON)		4 BLsVg	Silt loams, good to fair drainage (ARENVILLE RAY, ORION and LAWSON)		12 FLsMg	Silt loam over red clay (MEDARY)		17L 17D	VLMg VDMg	(HESCH and HIXTON)	23 VDsLg	Stony silt loams (SOGN and DUBUQUE, stony phase)	
			7 ULsVg	Silt loams (FAYETTE, STRONGHURST, SEATON)		14L 14D	VLMg VDsMg	Silt loams (DUBUQUE, DODGEVILLE, shallow phases; GALE)	18 UDsVs	Silt loam: slow drainage (CASHTON)		24 VLsLe	Sands (BOONE, CHELSEA, LAMONT)	
			8L 8D	ULsDg UDsDg	Silt loams (DUBUQUE and DODGEVILLE, deep phases)	15 VLsVg	Silt loam (FAYETTE, valley phase)		19 UDsVp	Silty clay loam (GARWIN)		25 VLrLe	Rocky slopes and cliffs (STONY LAND)	
			5 FLIMg	Loam (ALVIN)		13 FDsIme	Sandy loam (DAKOTA)							
			6 FDMg	Loam (DAKOTA)		16 VDsVg	Silt loam (LINDSTROM, steep phase)							

SOIL SURVEY, 1949-50, BY THE SOIL SURVEY DIVISION, WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, IN COOPERATION WITH THE SOIL SURVEY DIVISION, U.S. BUREAU OF PLANT INDUSTRY, SOILS AND AGRICULTURAL ENGINEERING, AND THE SOIL CONSERVATION SERVICE, AND THE COLLEGE OF AGRICULTURE.