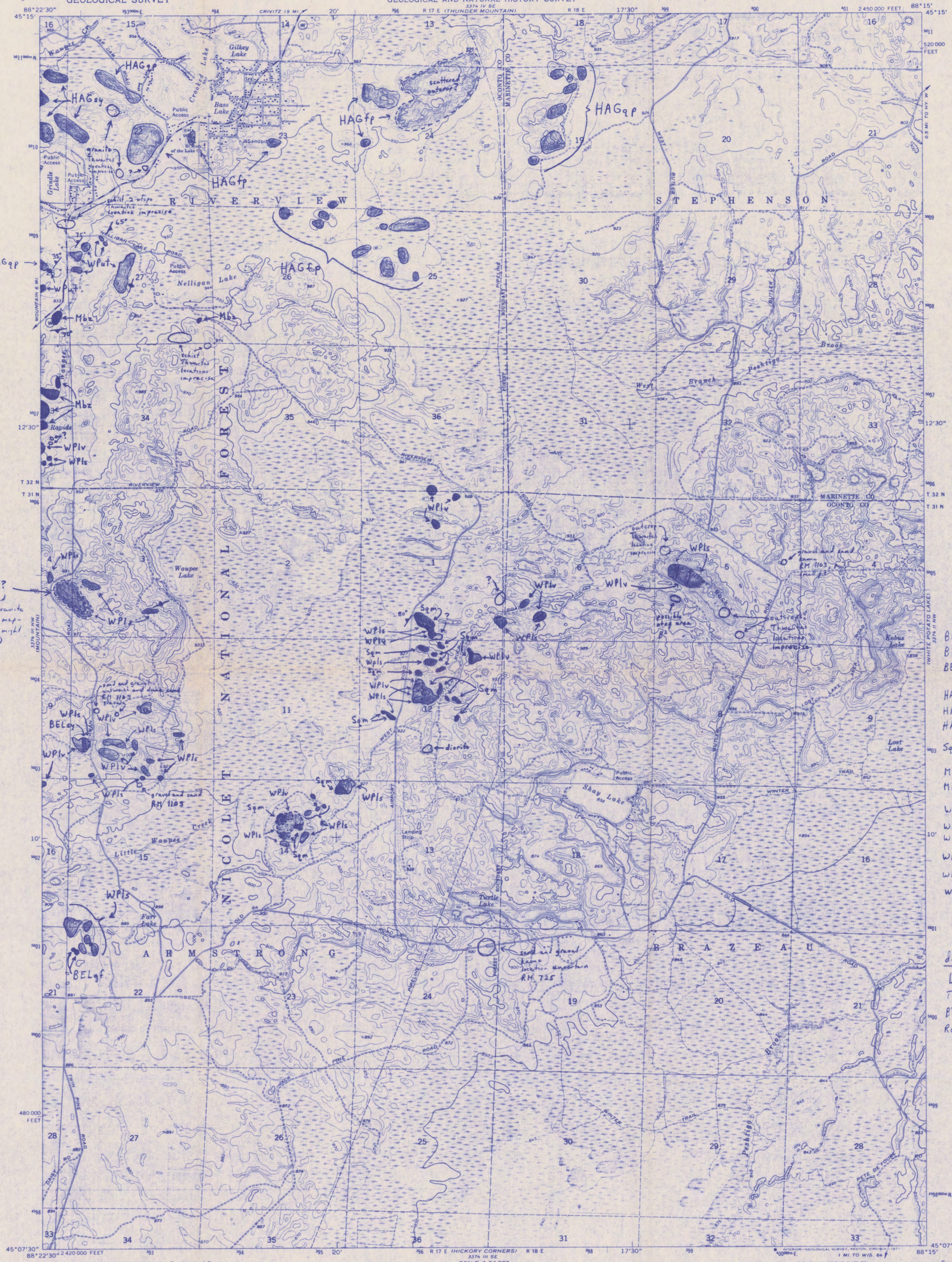
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WISCONSIN
DIVISION OF HIGHWAYS
GEOLOGICAL AND NATURAL HISTORY SURVEY

SHAY LAKE QUADRANGLE
WISCONSIN
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 MOUNTAIN 15' QUADRANGLE



Key
(see Mountain quad for complete key for this area)

BELg = Belongia granite
BELgf = Belongia granite, fine
BELsy = Belongia syenite

HAGqp = Hager quartz porphyry
HAGsy = Hager syenite
HAGfp = Hager feldspar porphyry

Sqm = Shay quartz monzonite

Mgn = McCauley gneiss
Mbz = McCauley gneiss, border zone

Waupee Formation
WPut = upper member, tuffaceous
WPms = middle member, sedimentary rocks
WPls = lower member, sedimentary rocks
WPlv = lower member, volcanic rocks
WP = Waupee, undivided

data sources:
Lahr, 1972 99% of ckps
Thwaites, 1928, looseleaf notes
B* = Bruce Brown
Road Materials file (RM)

Mapped, edited, and published by the Geological Survey in cooperation with the Wisconsin Division of Highways and Wisconsin Geological and Natural History Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1973

Hydrography compiled from information furnished by Wisconsin Department of Natural Resources

Projection and 10,000-foot grid ticks: Wisconsin coordinate system, central zone (Lambert conformal conic)
1000-metre Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American datum

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND BY THE WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, MADISON, WISCONSIN 53706
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

SHAY LAKE, WIS.
NE/4 MOUNTAIN 15' QUADRANGLE
N4507.5—W8815/7.5

1973

AMS 3374 III NE—SERIES V861

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