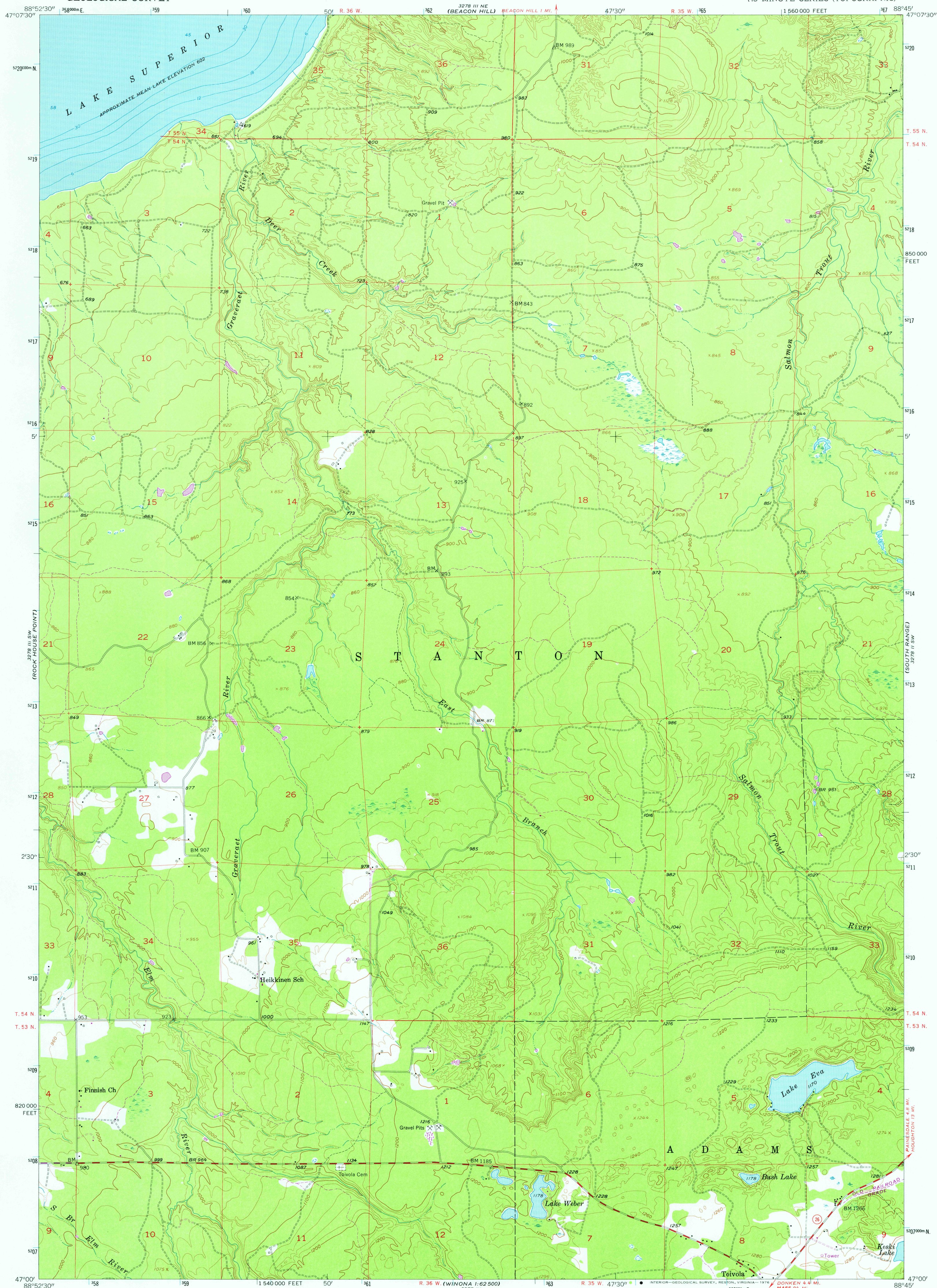
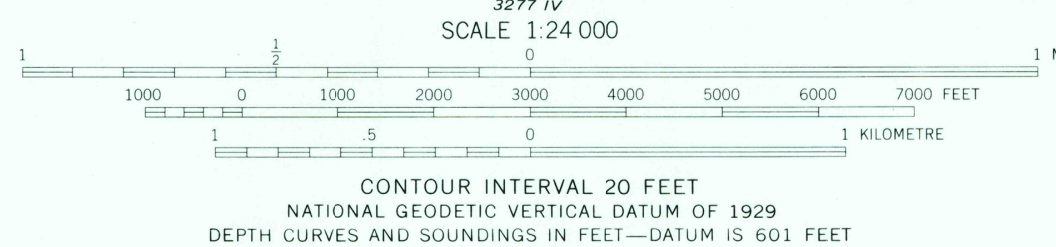


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GRAVERAET RIVER QUADRANGLE
MICHIGAN—HOUGHTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1951. Field checked 1954
Hydrography from U. S. Lake Chart 95 (1:120 000)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system,
north zone
1000-metre Universal Transverse Mercator grid ticks,
zone 16, shown in blue
Unchecked elevations are shown in brown
Revisions shown in purple compiled from aerial photographs
taken 1975. This information not field checked



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U. S. Route ——— State Route ———



GRAVERAET RIVER, MICH.
N 4700—W 8845/7.5

USGS
Historical File
Topographic Division

1954
PHOTOREVISED 1975
AMS 3278 III SE—SERIES V862

NOV 15 1976