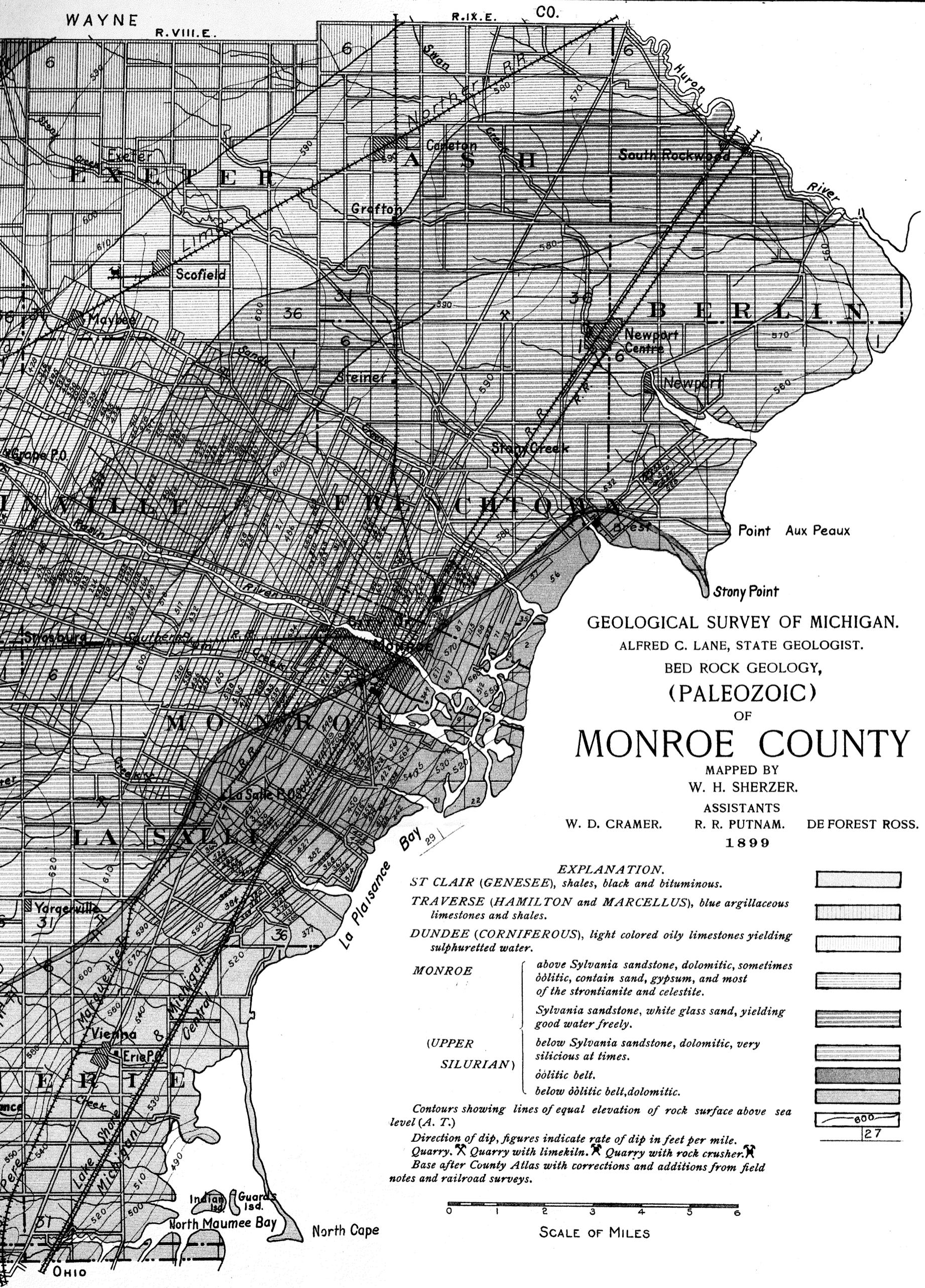


STATE OF OHIO

Indian Guards Isd. North Maumee Bay

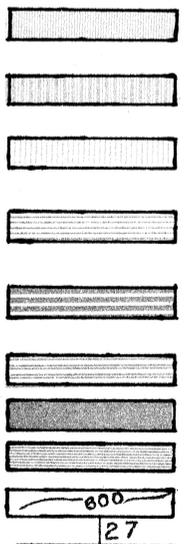


GEOLOGICAL SURVEY OF MICHIGAN.
 ALFRED C. LANE, STATE GEOLOGIST.
 BED ROCK GEOLOGY,
 (PALEOZOIC)
 OF
MONROE COUNTY

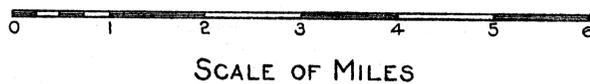
MAPPED BY
 W. H. SHERZER.
 ASSISTANTS
 W. D. CRAMER. R. R. PUTNAM. DE FOREST ROSS.
 1899

EXPLANATION.

- ST CLAIR (GENESEEE)**, shales, black and bituminous.
- TRAVERSE (HAMILTON and MARCELLUS)**, blue argillaceous limestones and shales.
- DUNDEE (CORNIFEROUS)**, light colored oily limestones yielding sulphuretted water.
- MONROE**
 - above Sylvania sandstone, dolomitic, sometimes ôolitic, contain sand, gypsum, and most of the strontianite and celestite.
 - Sylvania sandstone, white glass sand, yielding good water freely.
- (UPPER SILURIAN)**
 - below Sylvania sandstone, dolomitic, very silicious at times.
 - ôolitic belt.
 - below ôolitic belt, dolomitic.



Contours showing lines of equal elevation of rock surface above sea level (A. T.)
 Direction of dip, figures indicate rate of dip in feet per mile.
 Quarry. X Quarry with limekiln. * Quarry with rock crusher.
 Base after County Atlas with corrections and additions from field notes and railroad surveys.



SCALE OF MILES