

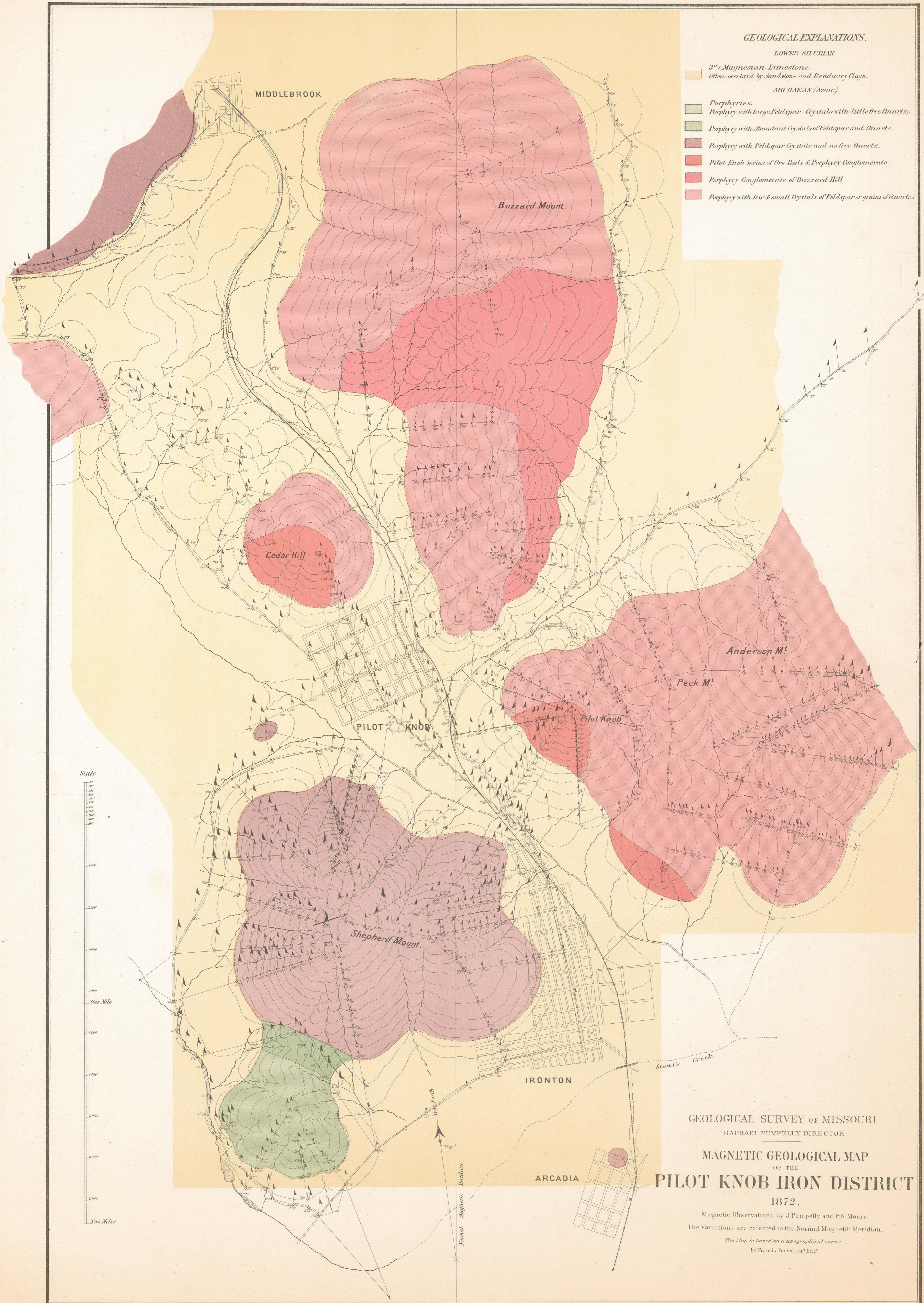
GEOLOGICAL EXPLANATIONS.

LOWER SILURIAN.

- 3^d Magnesian Limestone.
- Often overlaid by Sandstone and Residuary Clays.

ARCHAEOAN (Azoic)

- Porphyries.
- Porphyry with large Feldspar Crystals with little free Quartz.
- Porphyry with Abundant Crystals of Feldspar and Quartz.
- Porphyry with Feldspar Crystals and no free Quartz.
- Pilot Knob Series of Ore Beds & Porphyry Conglomerate.
- Porphyry Conglomerate of Buzzard Hill.
- Porphyry with few & small Crystals of Feldspar or grains of Quartz.



GEOLOGICAL SURVEY OF MISSOURI
RAPHAEL PUMPELLY DIRECTOR

MAGNETIC GEOLOGICAL MAP
OF THE
PILOT KNOB IRON DISTRICT
1872.

Magnetic Observations by J. Pumpelly and P. N. Moore.
The Variations are referred to the Normal Magnetic Meridian.

The Map is based on a topographical survey
by Francis Tunica Top' Eng'.