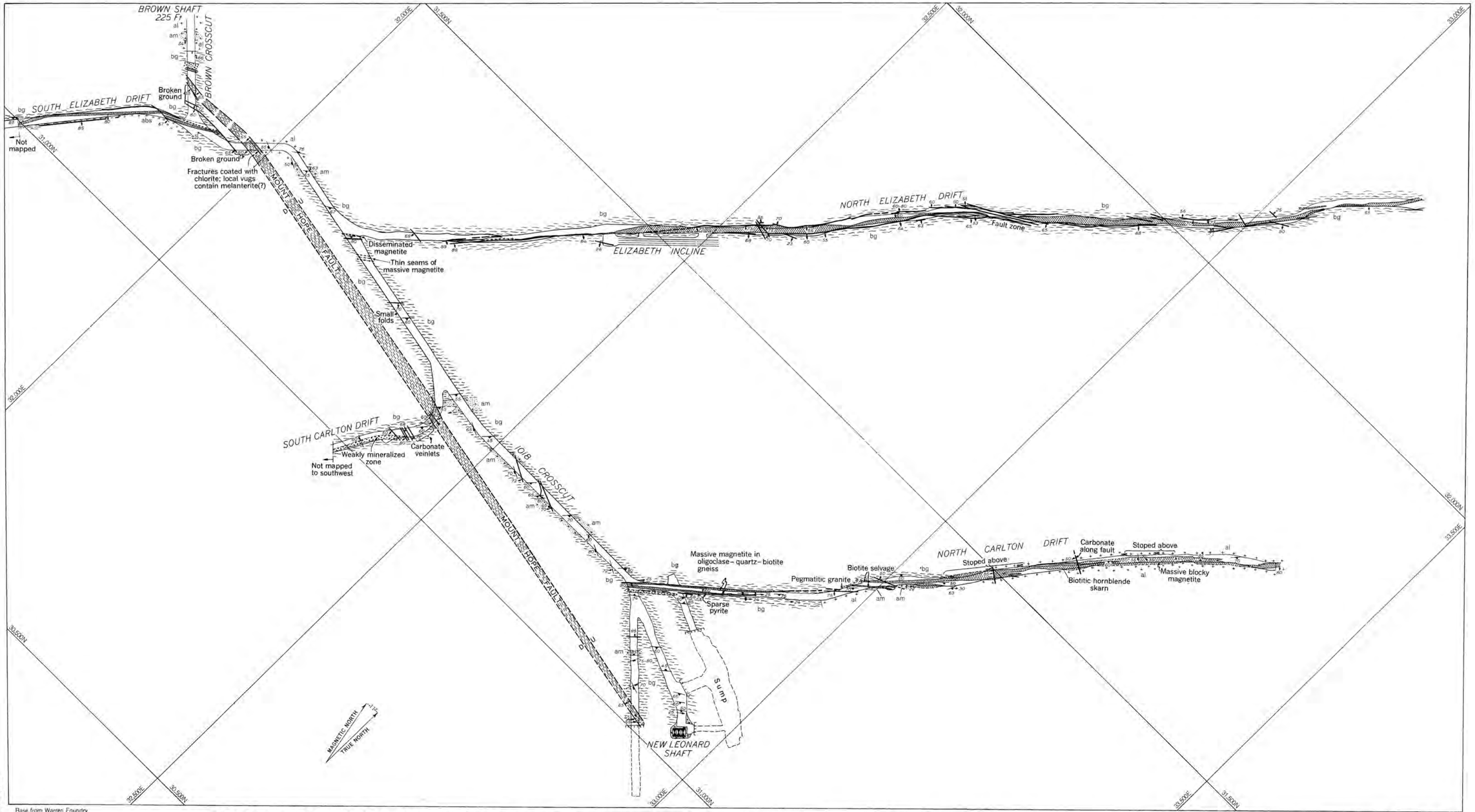

Base from Warren Foundry and Pipe Corp.

GEOLOGIC MAP OF THE ELIZABETH AND CARLTON MAGNETITE DEPOSITS, 1000 LEVEL MOUNT HOPE MINE, MORRIS COUNTY, NEW JERSEY

Geology by P. K. Sims and Allan James, 1948-50

100 0 300 Feet

Datum is mean sea level

EXPLANATION

- Alaskite and local microantiperthite granite
- Oligoclase-quartz-biotite gneiss
- Amphibolite
- Biotitic amphibolite and biotite schist
- Contact, showing dip — *Dashed where approximately located*
- Fault, showing dip, and bearing and plunge of slickensides
- High-angle fault, showing dip — *Dashed where approximately located; U, upthrown side; D, downthrown side*
- Plunge of minor folds and crenulations
- Strike and dip of foliation
- Strike of vertical foliation
- Strike and dip of foliation and plunge of lineation
- Vertical foliation showing plunge of lineation
- Bearing and plunge of lineation
- Strike and dip of joints
- Magnetite deposit
- Disseminated magnetite
- Vertical shaft
- Incline
- Foot of raise
- Head of raise
- Inaccessible workings

491159 O - 58 (In pocket)