MAP OF PRE-CAMBRIAN FORMATIONS OF A PART OF THE MENOMINEE IRON RANGE, MICHIGAN

MICHIGAN GEOLOGICAL SURVEY, 1940

C.E. DUTTON AND C.A. LAMEY

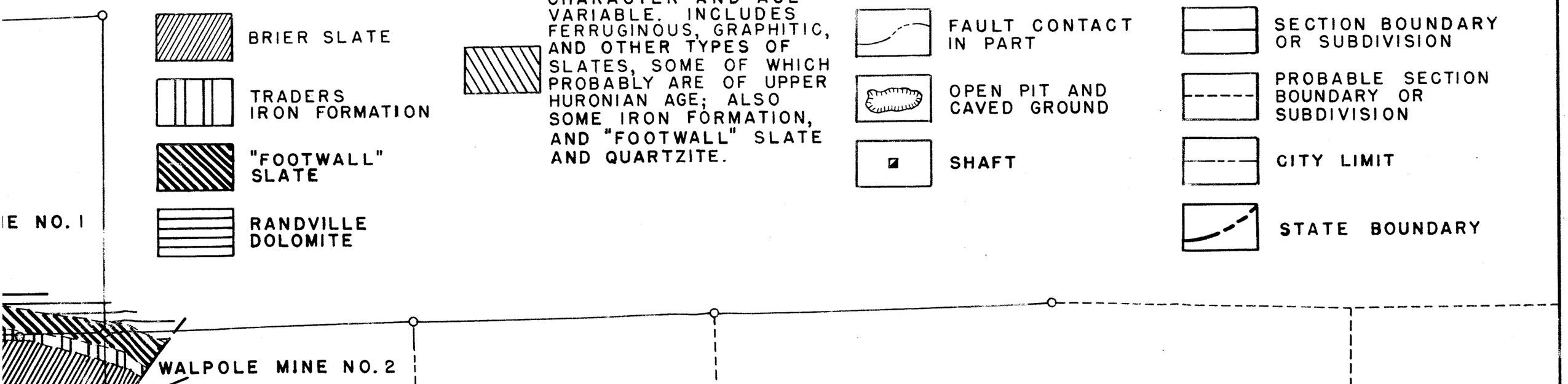
HURONIAN ROCKS

- MIXED SLATE AND CURRY IRON FORMATION
- CURRY IRON FORMATION
- BRIER SLATE
- TRADERS IRON FORMATION
- "FOOTWALL" SLATE
- RANDVILLE DOLOMITE

CHARACTER AND AGE VARIABLE. INCLUDES FERRUGINOUS, GRAPHITIC, AND OTHER TYPES OF SLATES, SOME OF WHICH PROBABLY ARE OF UPPER HURONIAN AGE; ALSO SOME IRON FORMATION, AND "FOOTWALL" SLATE AND QUARTZITE.

VARIOUS SYMBOLS

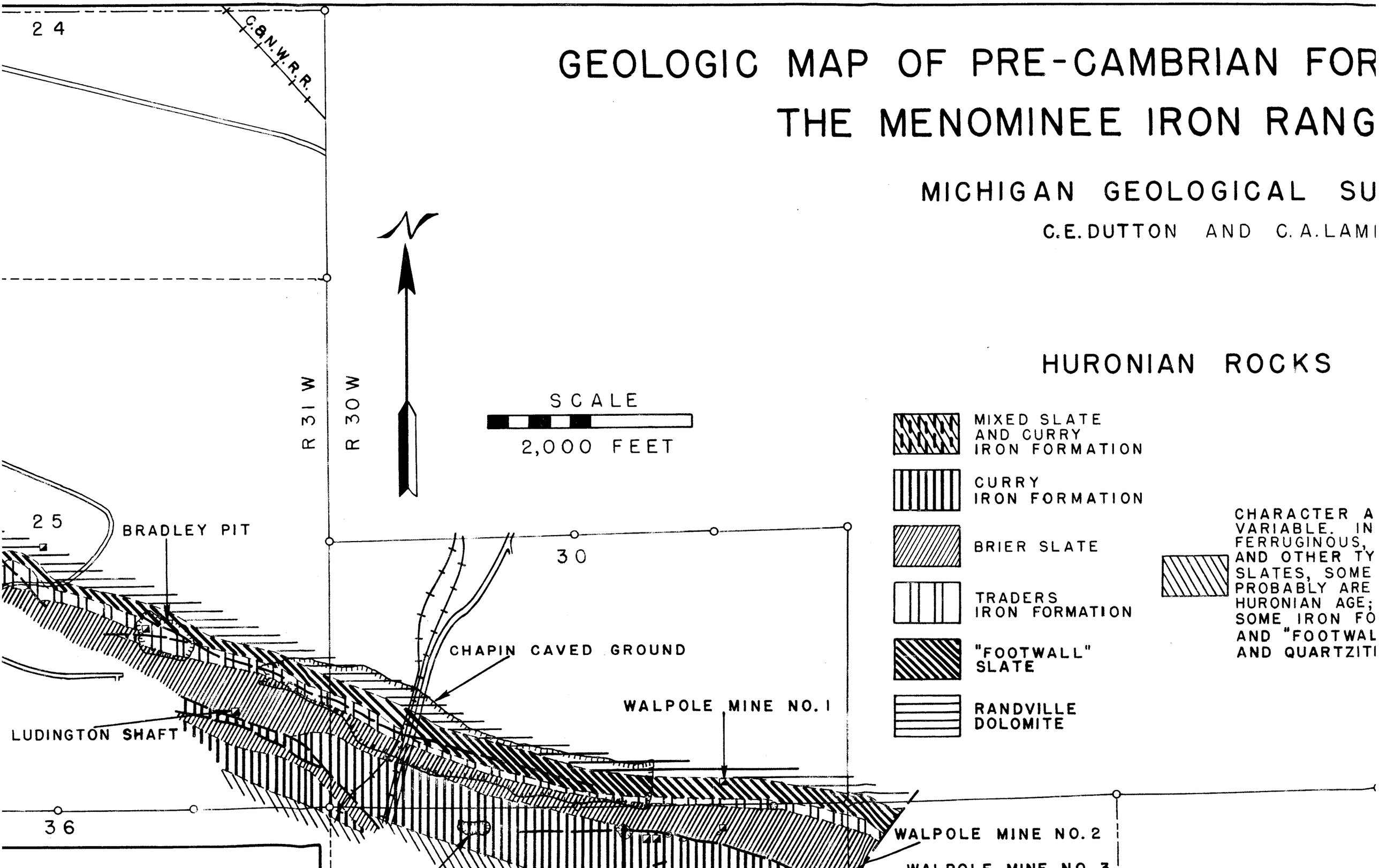
- FAULT
- FORMATION BOUNDARY
- FAULT CONTACT IN PART
- OPEN PIT AND CAVED GROUND
- SHAFT
- ABANDONED RAILROAD GRADE
- SECTION CORNER
- SECTION BOUNDARY OR SUBDIVISION
- PROBABLE SECTION BOUNDARY OR SUBDIVISION
- CITY LIMIT
- STATE BOUNDARY

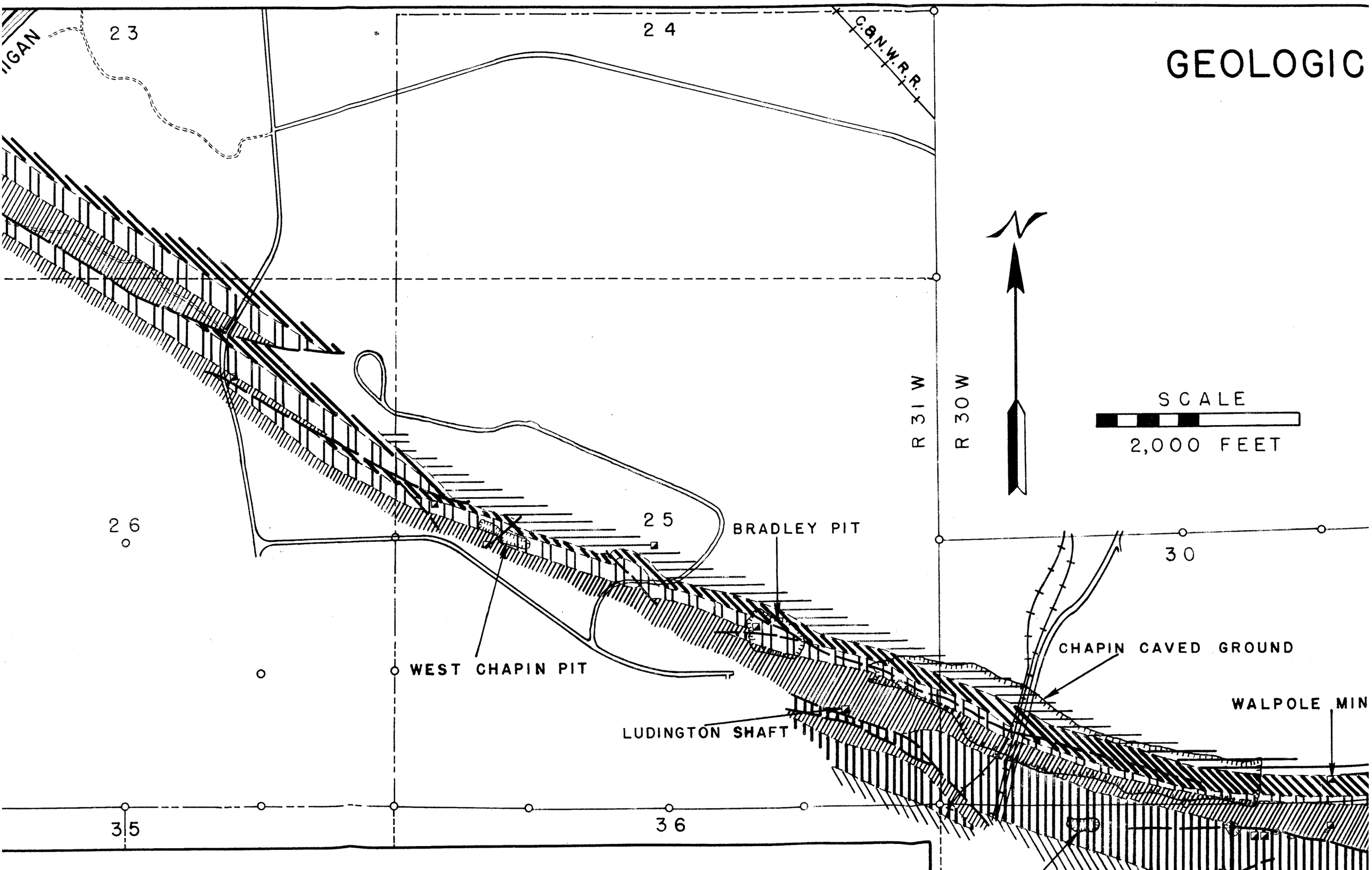


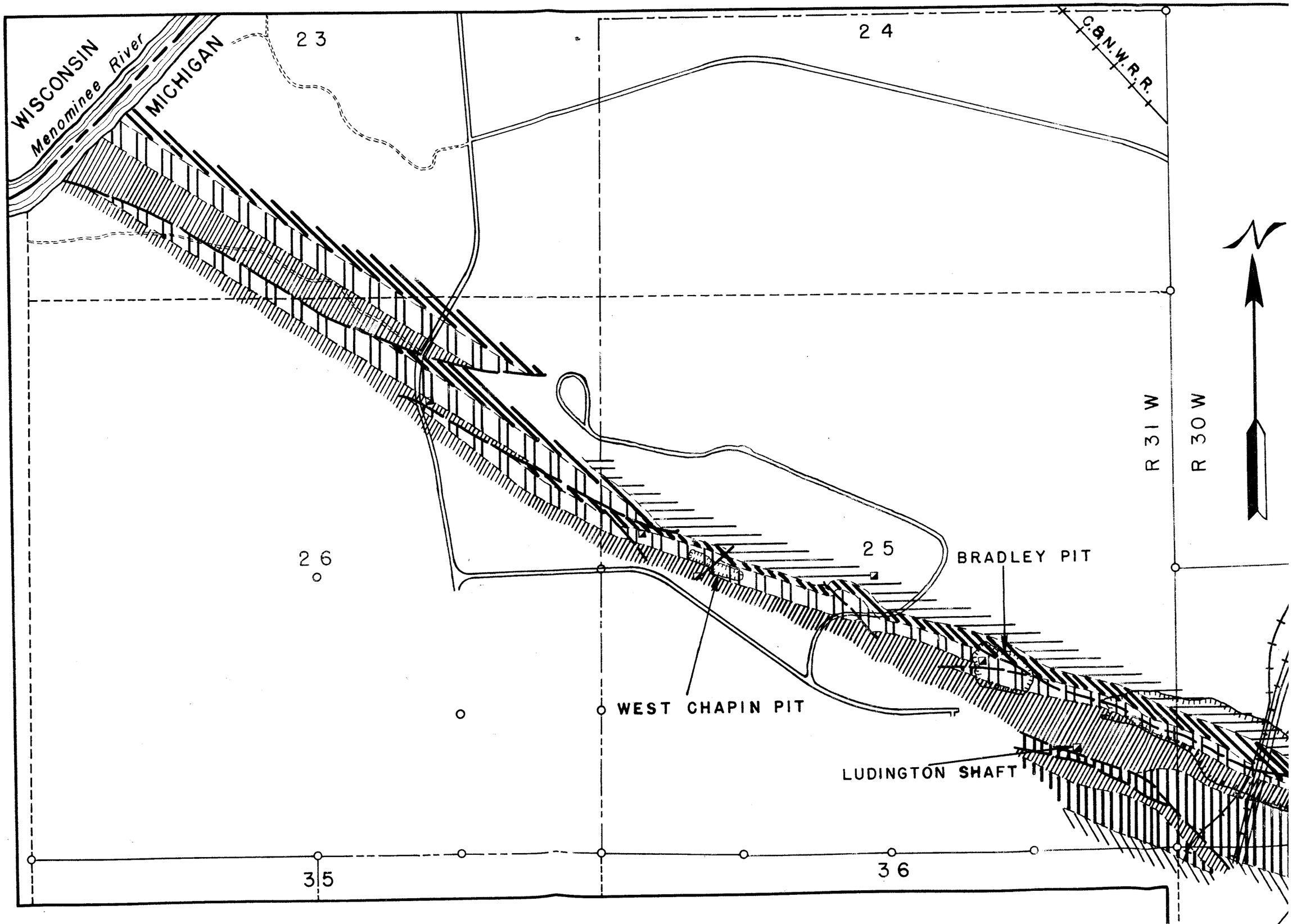
GEOLOGIC MAP OF PRE-CAMBRIAN FOR
THE MENOMINEE IRON RANG

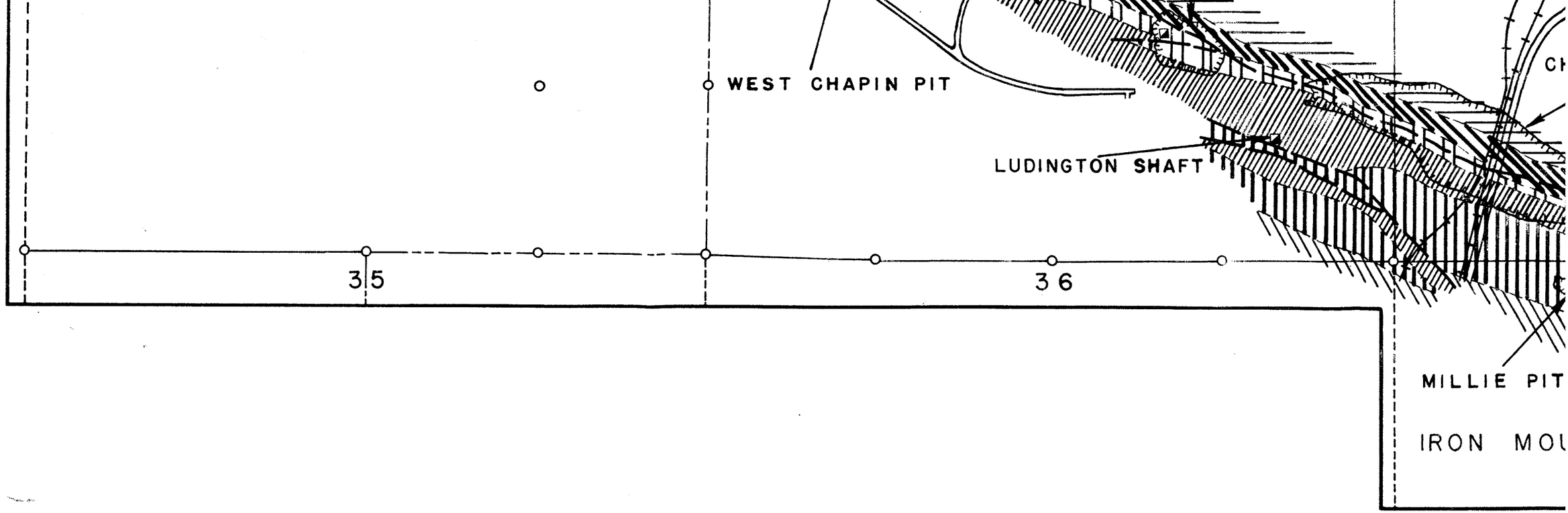
MICHIGAN GEOLOGICAL SU

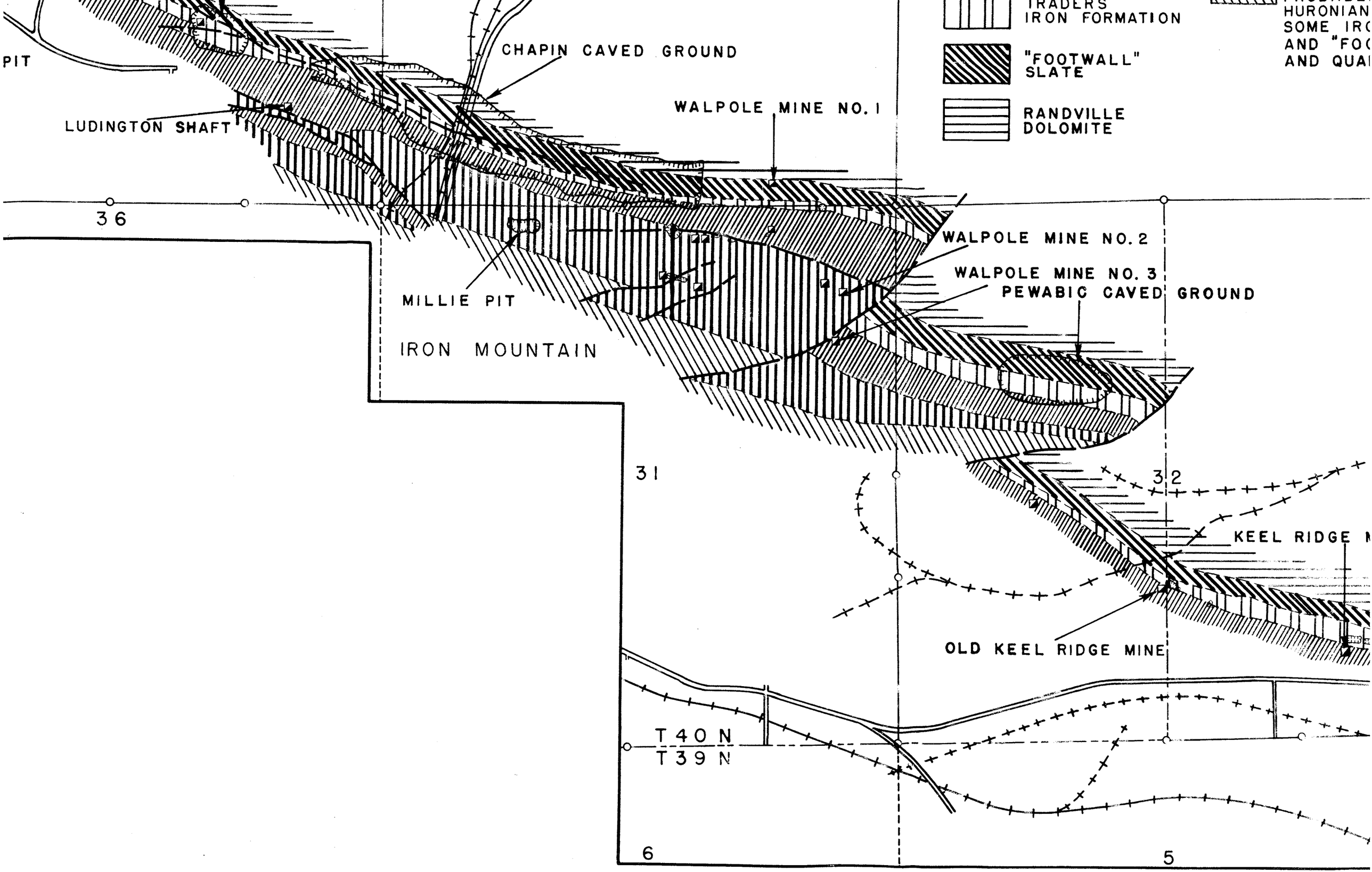
C.E. DUTTON AND C.A. LAMI

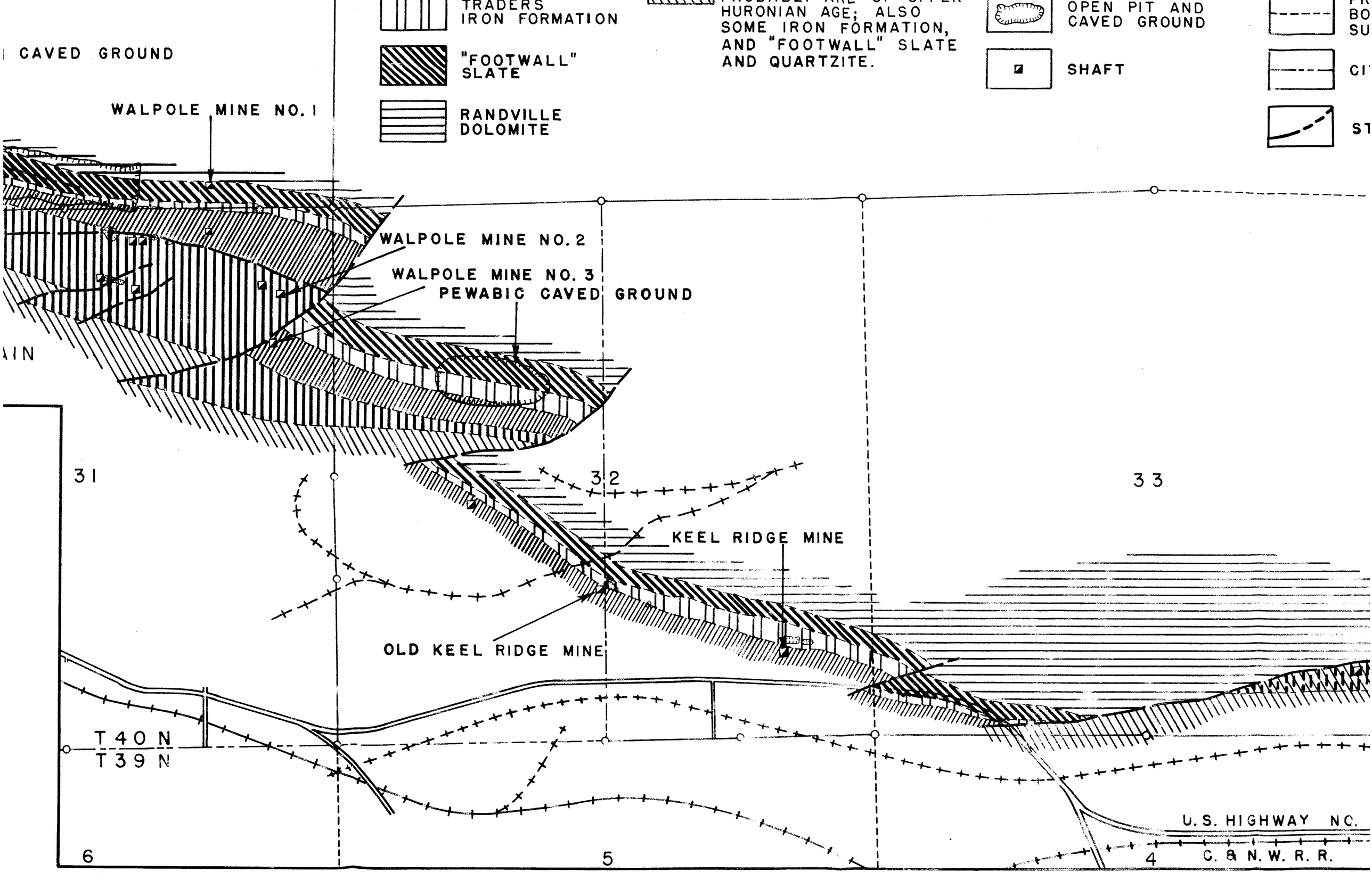


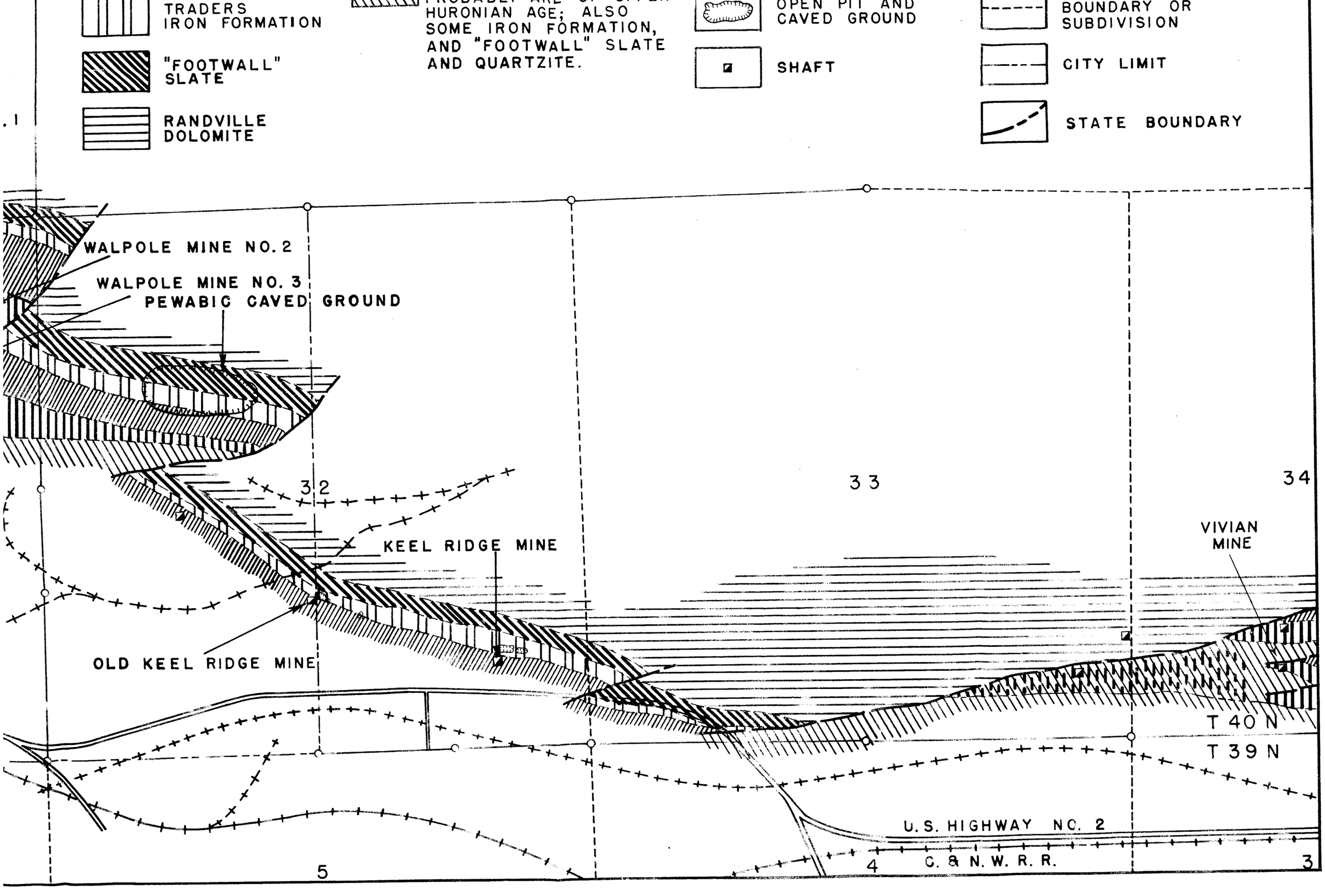

GEOLOGIC
IGAN
23
24
C.&N.W.R.R.
R 31 W
R 30 W
SCALE
2,000 FEET
26
25
BRADLEY PIT
30
WEST CHAPIN PIT
CHAPIN CAVED GROUND
WALPOLE MIN
LUDINGTON SHAFT
35
36


WISCONSIN
Menominee River
MICHIGAN
23
24
C.&N.W.R.R.
R 31 W
R 30 W
N
26
25
BRADLEY PIT
WEST CHAPIN PIT
LUDINGTON SHAFT
35
36


WEST CHAPIN PIT
LUDINGTON SHAFT
MILLIE PIT
IRON MOU
35
36


TRADERS
IRON FORMATION
"FOOTWALL"
SLATE
RANDVILLE
DOLOMITE
HURONIAN
SOME IRO
AND "FOO
AND QUA
PIT
CHAPIN CAVED GROUND
LUDINGTON SHAFT
WALPOLE MINE NO. 1
36
WALPOLE MINE NO. 2
WALPOLE MINE NO. 3
PEWABIC CAVED GROUND
MILLIE PIT
IRON MOUNTAIN
31
32
KEEL RIDGE M
OLD KEEL RIDGE MINE
T 40 N
T 39 N
6
5


TRADERS IRON FORMATION
"FOOTWALL" SLATE
RANDVILLE DOLOMITE
HURONIAN AGE; ALSO SOME IRON FORMATION, AND "FOOTWALL" SLATE AND QUARTZITE.
OPEN PIT AND CAVED GROUND
SHAFT
CAVED GROUND
WALPOLE MINE NO. 1
WALPOLE MINE NO. 2
WALPOLE MINE NO. 3
PEWABIC CAVED GROUND
31
32
33
KEEL RIDGE MINE
OLD KEEL RIDGE MINE
T 40 N
T 39 N
U. S. HIGHWAY NO.
C. & N. W. R. R.
6
5
4


TRADERS IRON FORMATION
"FOOTWALL" SLATE
RANDVILLE DOLOMITE
PROBABLY ARE OF LATER HURONIAN AGE; ALSO SOME IRON FORMATION, AND "FOOTWALL" SLATE AND QUARTZITE.
OPEN PIT AND CAVED GROUND
SHAFT
BOUNDARY OR SUBDIVISION
CITY LIMIT
STATE BOUNDARY
WALPOLE MINE NO. 2
WALPOLE MINE NO. 3
PEWABIC CAVED GROUND
32
33
34
KEEL RIDGE MINE
OLD KEEL RIDGE MINE
VIVIAN MINE
T 40 N
T 39 N
U. S. HIGHWAY NO. 2
C. & N. W. R. R.
5
4
3