UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
34622 PRELIMINARY MAP PLATE 7

Stope

FULTON FISSURE

MASS FISSURE

Limit of mapping

No 4 Shaft

No 3 Shaft

EXPLANATION

Hanging wall trap

Amygdaloid (Kearsarge lode)
Dips 14° - 36° N W

Trap
(Trap on footwall side of lode is part of flow that formed the amygdaloid in which the lode occurs)

Crosses on footwall side of drift indicate that amygdaloid is poorly fragmental or non fragmental

Stopes

Kearsarge lode

11,000 E

Number gives distance from shaft in hundreds of feet

Drift caved or otherwise inaccessible

Rich
Intermediate
Poor
Estimated grade of lode
Solid line more reliable than dashed line
(Omitted from some upper levels)

Geologic boundary, dashed where inferred

Fault, showing dip

Vertical fault

Mineralized fissure, showing dip

Vertical mineralized fissure

Closely spaced fissures or shear zone

Fault or mineralized fissure containing copper

Mineralized fissure containing large masses of copper

Trace of fault or prominent mineralized fissure on hanging wall of amygdaloid projected between levels

Plan view at track level in drifts

0 50 100 200 300 400 FEET

21,000 N

10,000 E

20,000 N

9,000 E

19,000 N

8,000 E

GEOLOGIC PLAN, AHMEEK MINE, KEWEENAW COUNTY, MICHIGAN (CENTRAL PART)

CALUMET & HECLA CONSOLIDATED COPPER COMPANY

Geology by H R Cornwall, J J Runner,
A A Stromquist, R W Swanson
1946