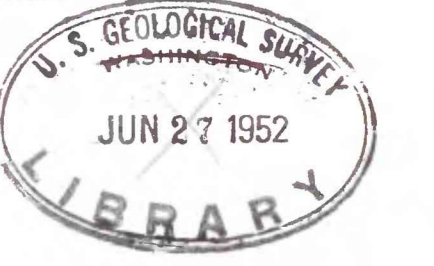
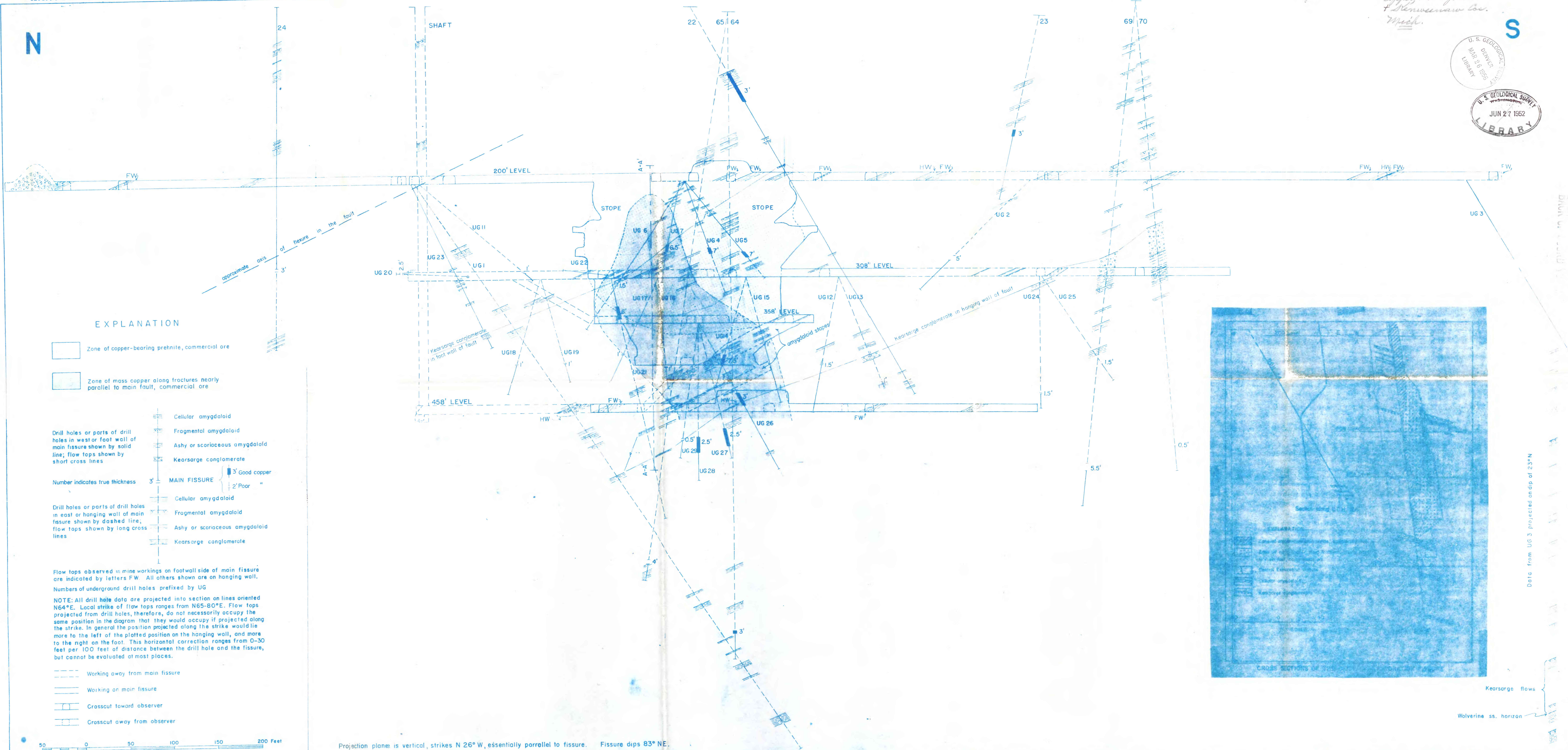


Copper, Houghton & Henneawan Co., Mich.



N

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EXPLANATION

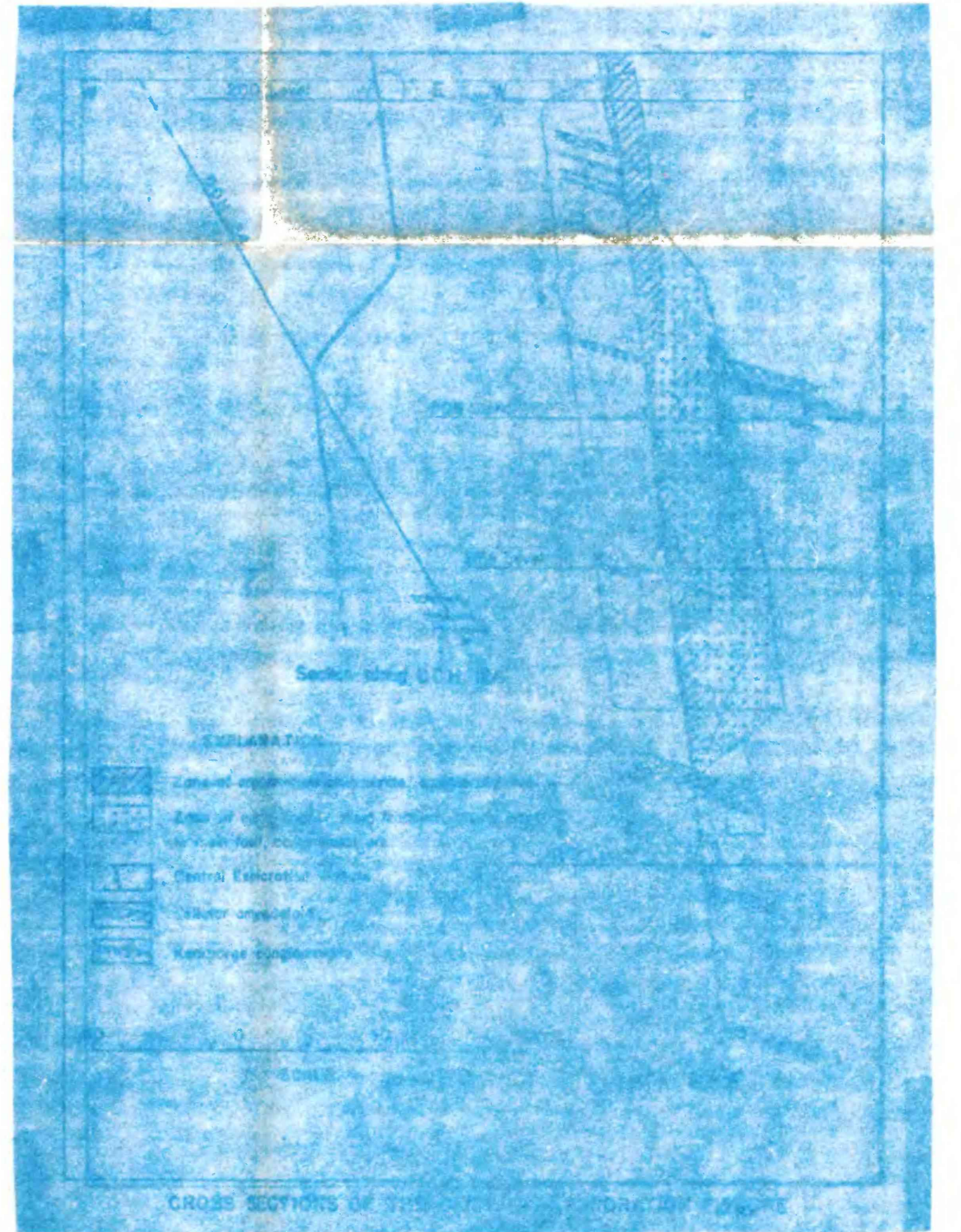
- Zone of copper-bearing prehnite, commercial ore
- Zone of mass copper along fractures nearly parallel to main fault, commercial ore

- | | |
|---|---|
| <p>Drill holes or parts of drill holes in west or foot wall of main fissure shown by solid line; flow tops shown by short cross lines</p> <p>Number indicates true thickness</p> <p>Drill holes or parts of drill holes in east or hanging wall of main fissure shown by dashed line; flow tops shown by long cross lines</p> | <ul style="list-style-type: none"> Cellular amygdaloid Fragmental amygdaloid Ashy or scoriaceous amygdaloid Kearsarge conglomerate <p>MAIN FISSURE</p> <ul style="list-style-type: none"> 3' Good copper 2' Poor " <ul style="list-style-type: none"> Cellular amygdaloid Fragmental amygdaloid Ashy or scoriaceous amygdaloid Kearsarge conglomerate |
|---|---|

Flow tops observed in mine workings on footwall side of main fissure are indicated by letters FW. All others shown are on hanging wall. Numbers of underground drill holes prefixed by UG

NOTE: All drill hole data are projected into section on lines oriented N64°E. Local strike of flow tops ranges from N65-80°E. Flow tops projected from drill holes, therefore, do not necessarily occupy the same position in the diagram that they would occupy if projected along the strike. In general the position projected along the strike would lie more to the left of the plotted position on the hanging wall, and more to the right on the foot. This horizontal correction ranges from 0-30 feet per 100 feet of distance between the drill hole and the fissure, but cannot be evaluated at most places.

- Working away from main fissure
- Working on main fissure
- Crosscut toward observer
- Crosscut away from observer



LONGITUDINAL PROJECTION, CENTRAL EXPLORATION MINE, KEWEENAW COUNTY, MICHIGAN
CALUMET & HECLA CONSOLIDATED COPPER CO.