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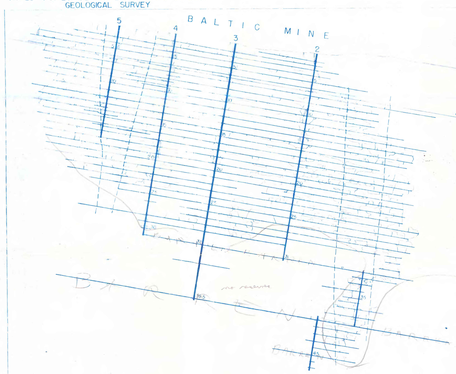
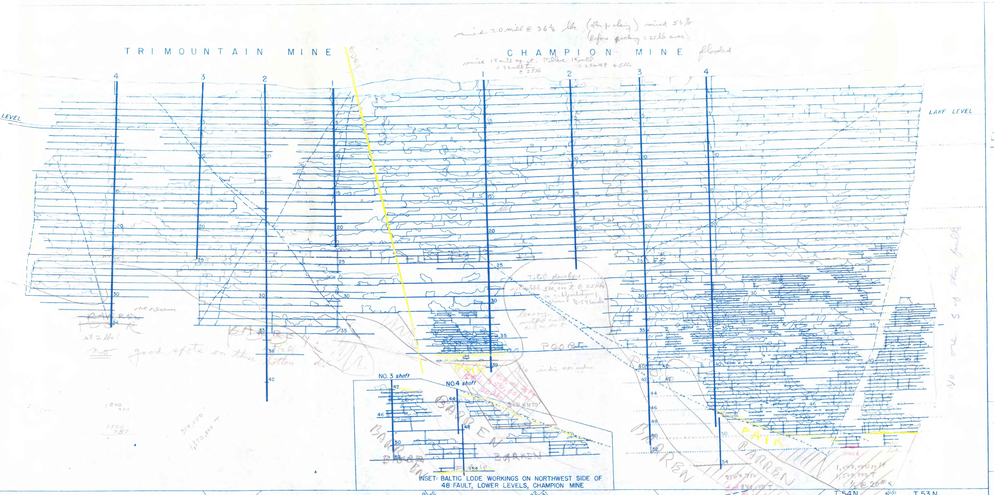
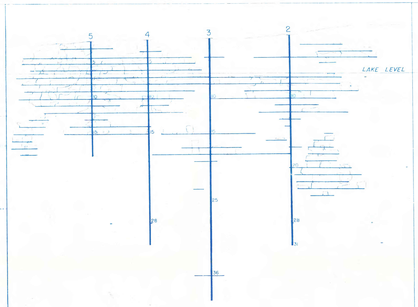
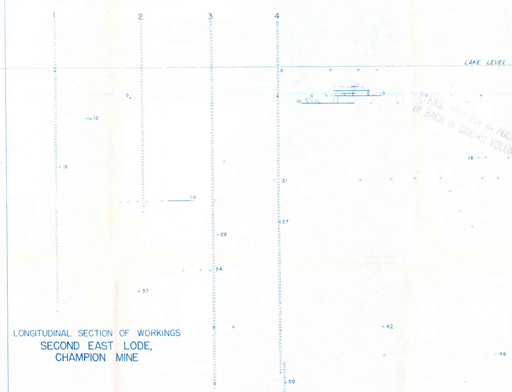



LONGITUDINAL SECTION OF PRINCIPAL WORKINGS
BALTIC LODE
Inclined section. Intervals between levels measured on plane of lode, which dips approximately 70° NW.




LONGITUDINAL SECTION OF WORKINGS
WEST LODE, BALTIC MINE




LONGITUDINAL SECTION OF WORKINGS
SECOND EAST LODE,
CHAMPION MINE

EXPLANATION

SYMBOLS USED ON PLAN

Level Workings

West lode

Baltic lode

First East lode

Second East lode

Drifts and crosscuts mostly on trap

Arrowheads added to drift symbols mean that drift continues beyond arrowhead but is not shown on plan

Note: Heavy lines follow hanging-wall side of drift. Drifts on lodes locally in trap

Areas of principal drifting and stoping

West lode

Baltic lode

First East lode

Second East lode

Trace of prominent fissure or fault on Baltic lode. Arrow with figure gives direction and average amount of true dip.

(Fissures in areas not mapped by U.S.G.S. taken from company sections or based on prominent and persistent offsets in drifts)

Zone of prominent longitudinal fissures, mostly containing chalcocite. Most of fissures dip vertically to 70° NW.

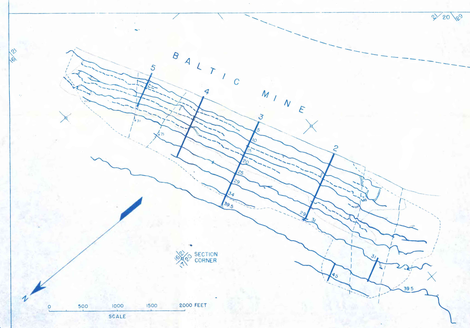
SYMBOLS USED ON SECTIONS

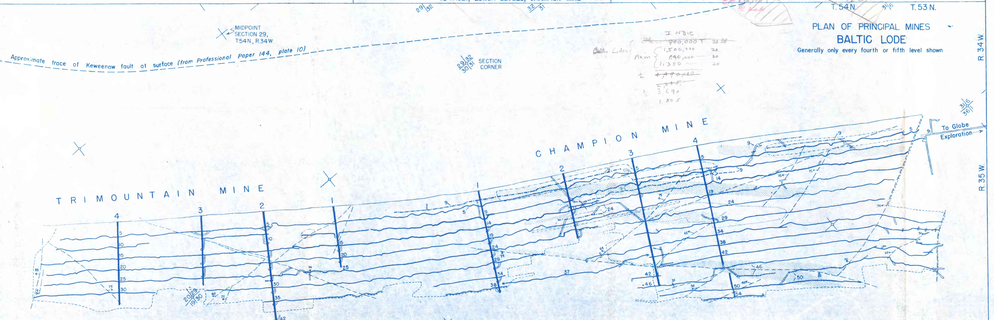
Trace of prominent fissure or fault on Baltic lode

Trace of intersection of hanging wall of Baltic lode with northwest side of 48 fault

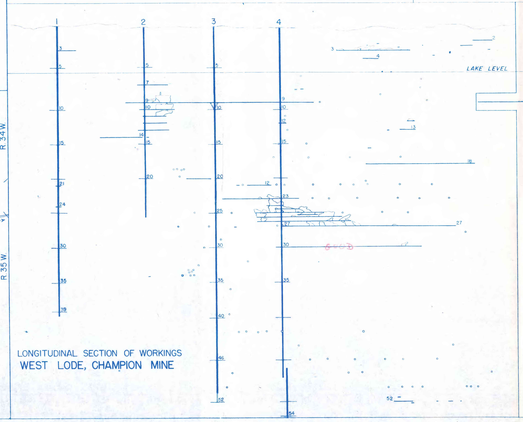
Trace of intersection of hanging wall of Baltic lode with southeast side of 48 fault

Drill-hole intersection

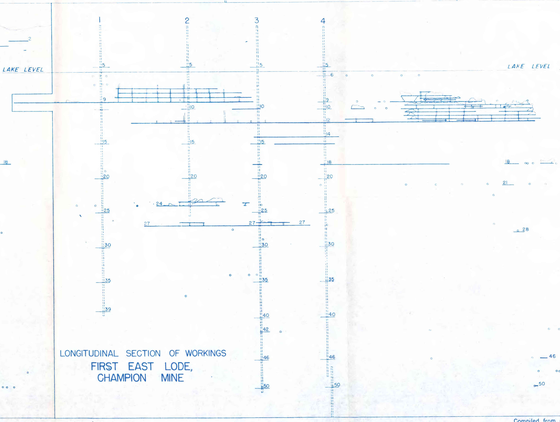



PLAN OF PRINCIPAL MINES
BALTIC LODE
Generally only every fourth or fifth level shown




LONGITUDINAL SECTION OF WORKINGS
WEST LODE, CHAMPION MINE




LONGITUDINAL SECTION OF WORKINGS
FIRST EAST LODE,
CHAMPION MINE

# PLAN AND LONGITUDINAL SECTIONS OF PRINCIPAL WORKINGS ON BALTIC AND ADJACENT LODES, HOUGHTON COUNTY, MICHIGAN

COPPER RANGE COMPANY

Compiled from plans and sections of Copper Range Company, with additions and modifications by U.S.G.S., 1946