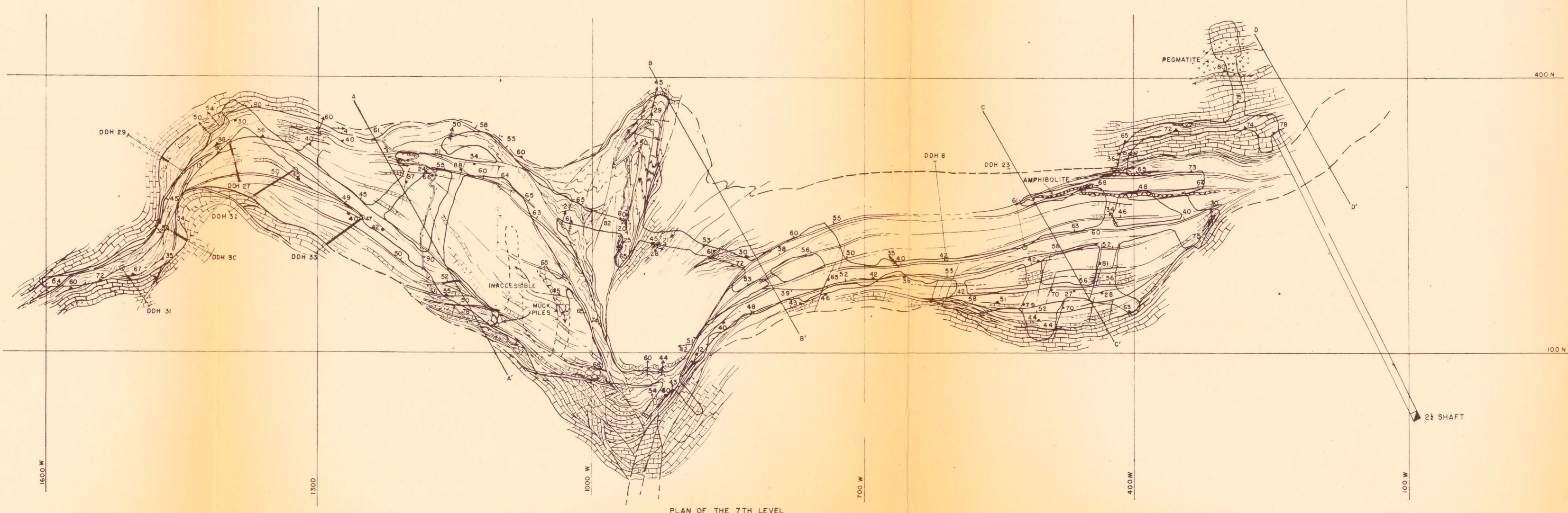


This map is preliminary and has not been edited and is not to be used for any purpose other than that for which it was prepared.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP

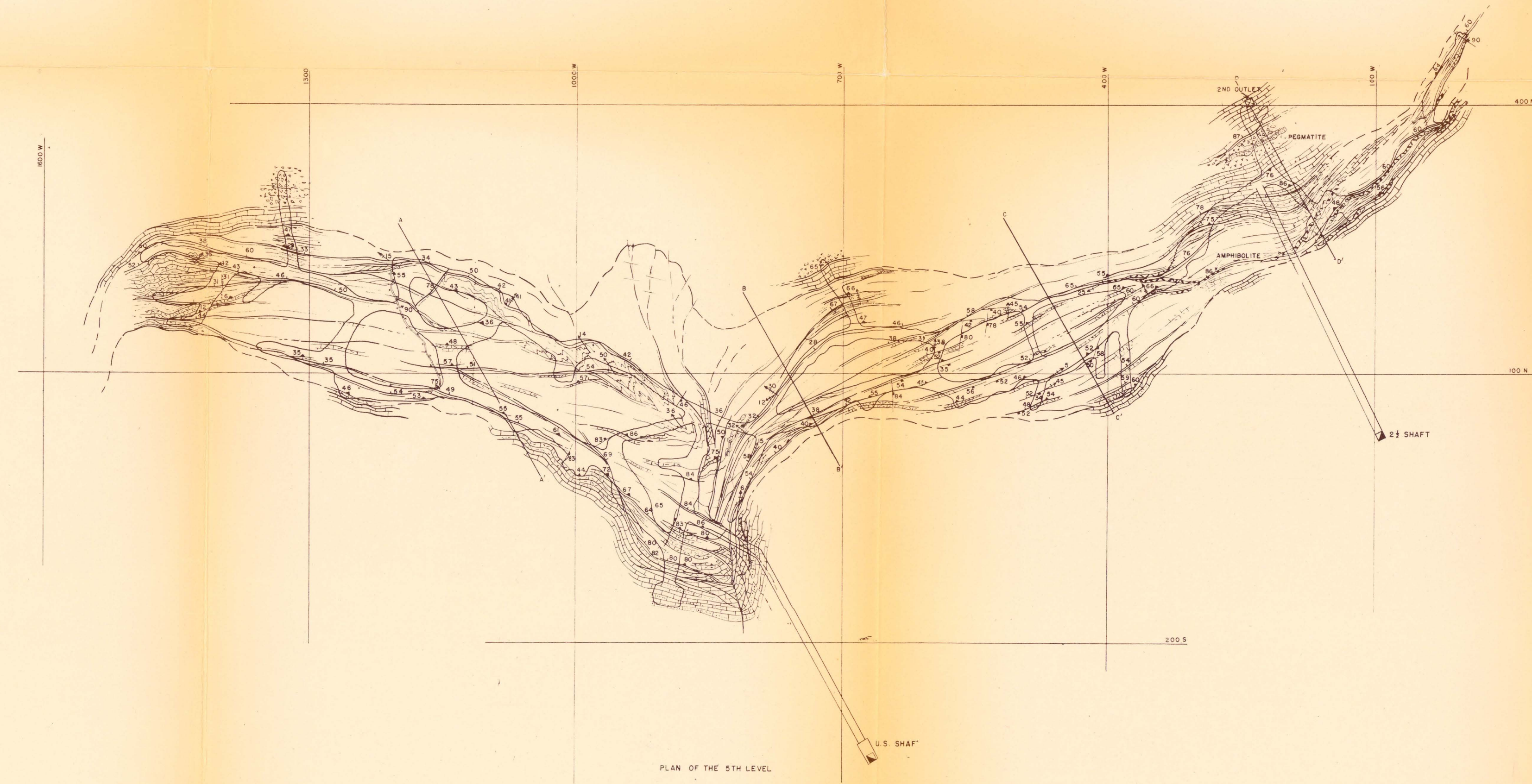
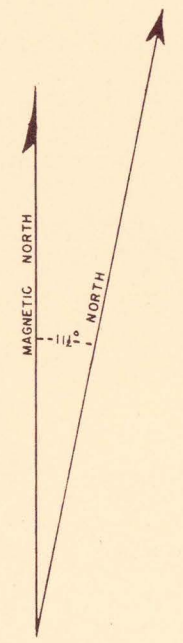
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EXPLANATION

- PEGMATITE
- AMPHIBOLITE
- QUARTZOSE GNEISS
- MARBLE
- (A) TREMOLITE LAYERS
(B) CALCAREOUS TREMOLITE
- QUARTZITIC LAYERS
- FAULT BRECCIA
- FAULT WITH ASSOCIATED MICA, SERPENTINE, CHLORITE AND OTHER SILICATES
- STRIKE AND DIP OF LAYERING
- STRIKE AND DIP OF MAJOR SHEARS AND SHEETED ZONES
- STRIKE AND DIP OF JOINT PLANE
- PLUNGE OF MAJOR FOLDS, DRAG FOLD: AND CRENULATIONS
- PLUNGE OF SUBPARALLEL MINERAL AGGREGATES (LINEATION)
- PITCH OF STRIATIONS AND SLICKENSIDES ON SHEAR PLANE (MEASURED IN PLANE OF SHEAR)
- MINE SHAFT
- MINE WORKINGS

INFERRED MARGINS OF "TALC" BELT
BELT COMPOSED PREDOMINANTLY OF TREMOLITE, SERPENTINE, TALC.
0 50 100 150 200 250
SCALE IN FEET

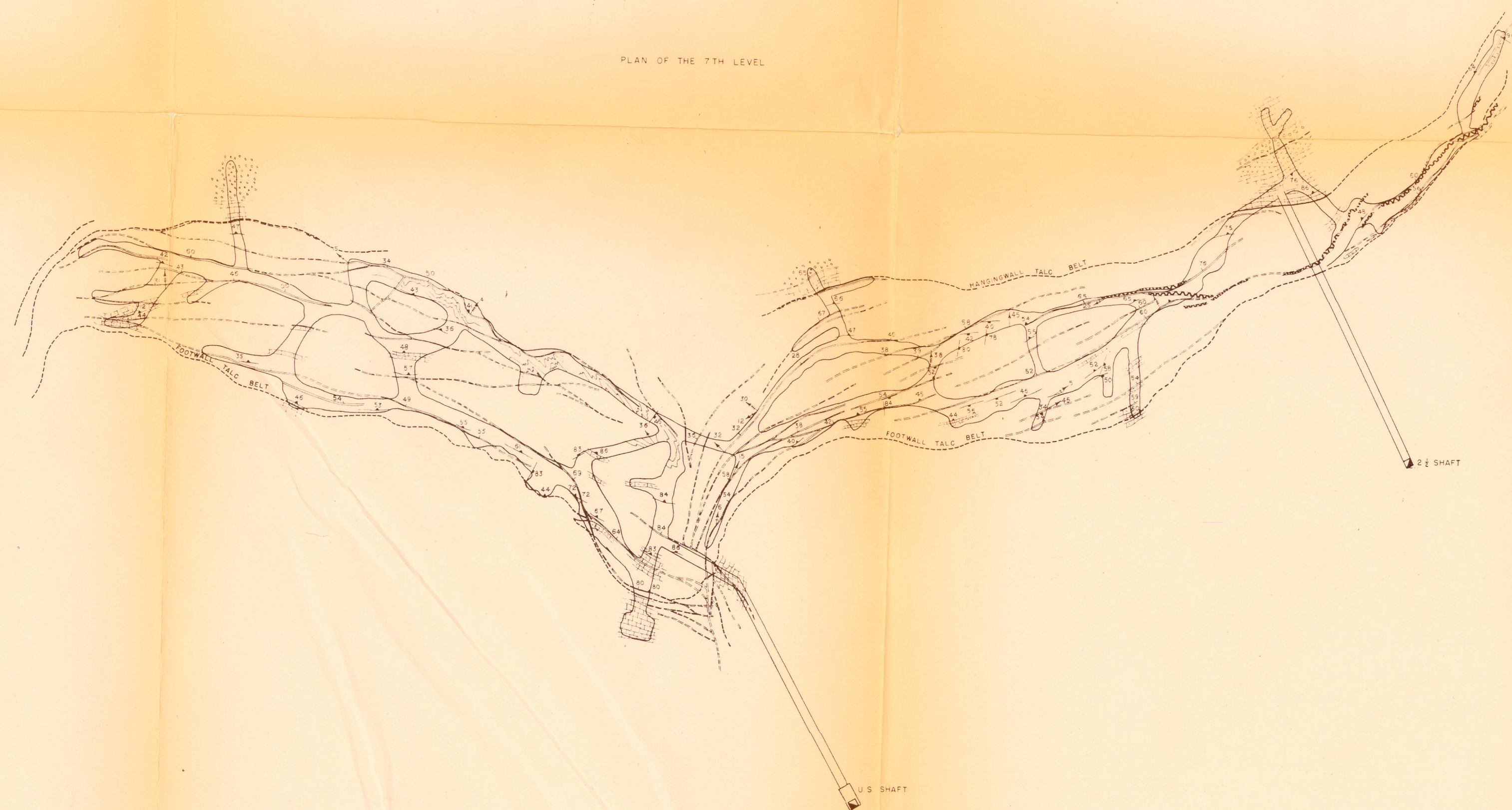
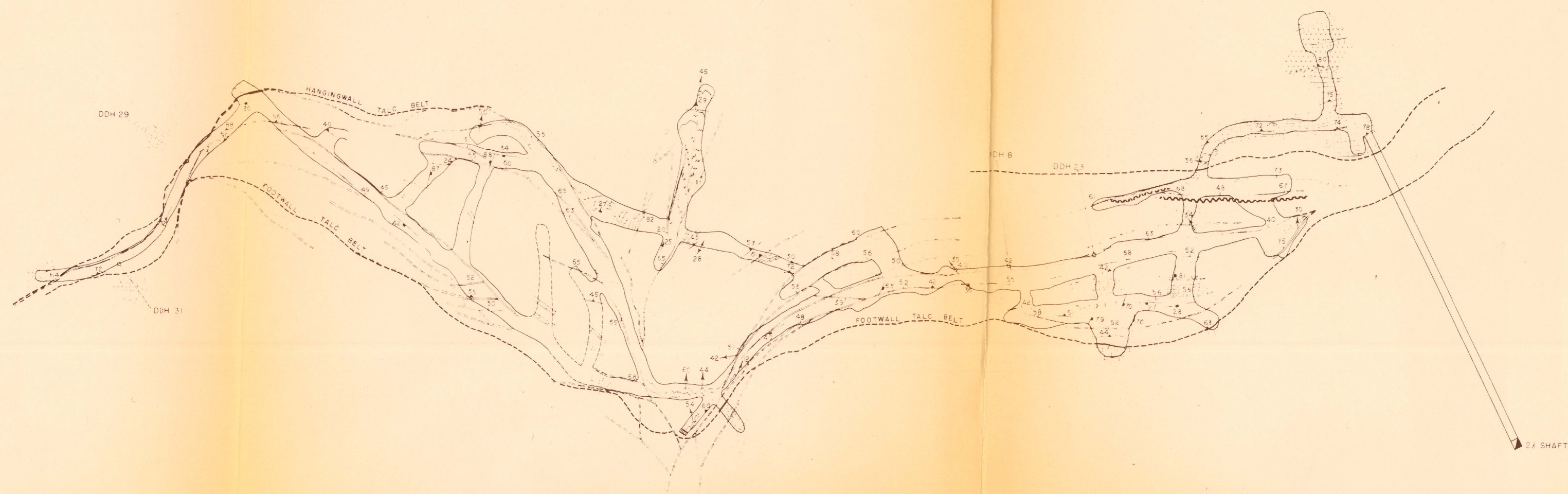


GEOLOGY OF THE INTERNATIONAL 2 1/2 MINE, 5TH AND 7TH LEVELS
EDWARDS TOWNSHIP, ST. LAWRENCE COUNTY, NEW YORK

50 25 0 50 100 150 200 250 FEET

GEOLOGY BY A.E.J. ENGEL, MAY 1945

PLATE #22
See new copy attached



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