DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
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Mines and prospects, Idaho Springs district, Clear Creek and Gilpin Counties, Colo., by R. H. Moench and A. A. Drake, Jr.

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EXPLANATION

TERTIARY

Biotite-quartz latite

Trachy granite

PRECAMBRIAN

Order may not reflect age

Pegmatite

Biotite-muscovite granite

Granite gneiss and pegmatite

Amphibolite

Interlayered biotite gneisses

Microcline-quartz-plagioclase-biotite gneiss

70 Contact, showing dip
Dashed where inferred

Asymmetric anticline
Showing trace of axial plane;
Short arrow indicates steep limb
Dashed where inferred

Asymmetric syncline
Showing trace of axial plane;
Short arrow indicates steep limb

Bearing and plunge of minor open folds

Plunge of drag fold

Plunge of minor chevron folds

Strike and dip of foliation

Strike and dip of foliation, and plunge of lineation

24 70 Barren fracture or fault, showing dip, and plunge of slickensides
Dashed where inferred

70 Fault breccia
Showing dip of hanging wall

35 Vein showing dip and bearing and plunge of slickensides
Dashed where inferred

Vein, showing plunge of curvature, split, or pod
Dashed where inferred

Portal of adit

Shaft above and below level

Inclined workings
Chevrons point down

Foot of raise or winze

Head of raise or winze

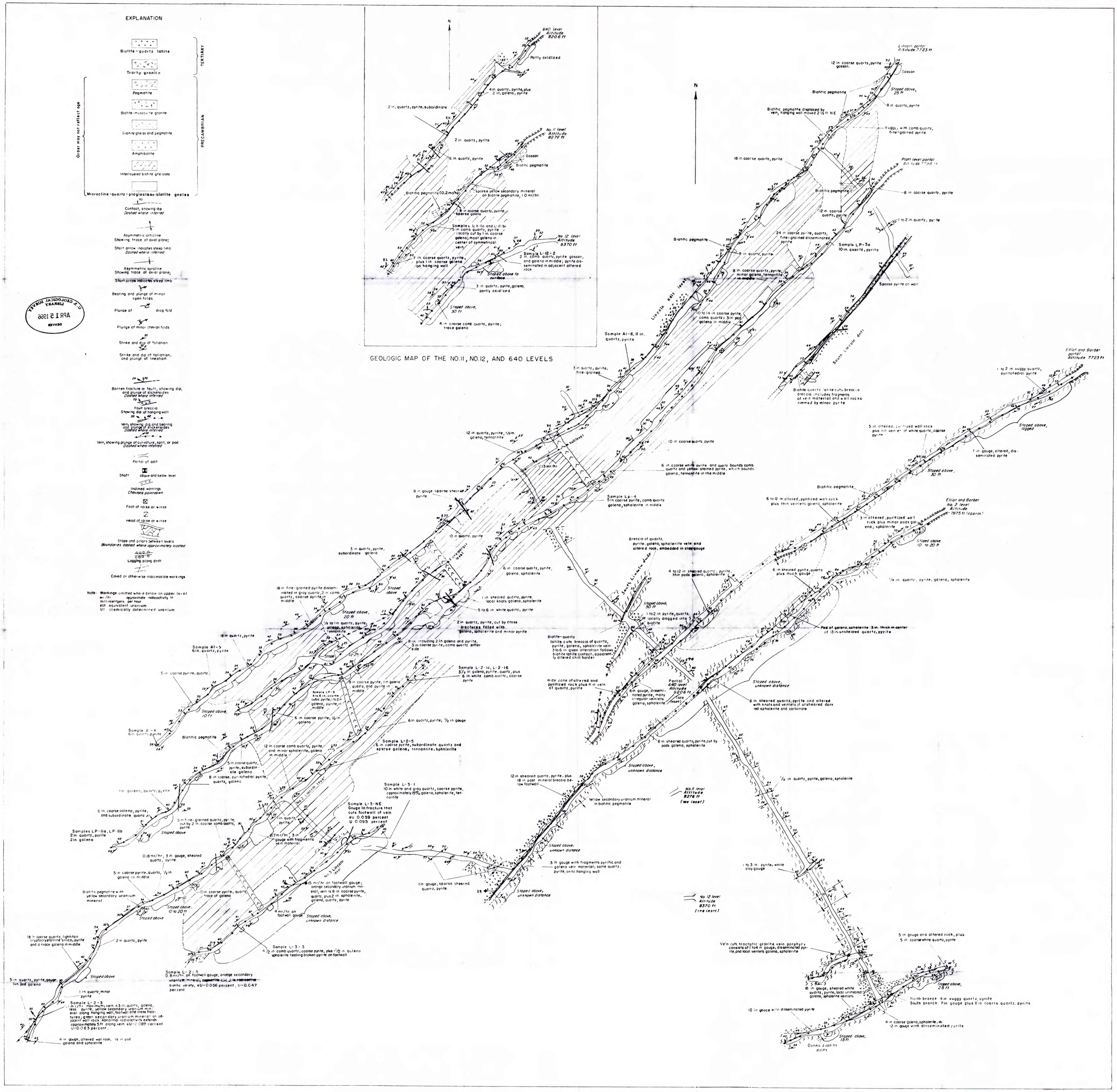
Stope and pillars between levels
Boundaries dashed where approximately located

Logging along drift

Caved or otherwise inaccessible workings

Note: **Workings** omitted where below an upper level
mr/hr approximate radioactivity in milliroentgens per hour
eU equivalent uranium
U chemically determined uranium

GEOLOGIC MAP OF THE NO.11, NO.12, AND 640 LEVELS



Geology and base by R.H. Moench and A.F. Moench 1954

FIGURE 2.--GEOLOGIC MAPS OF THE ALMA LINCOLN MINE (D-IV, 2 and 5, Fig. 1)

50 0 200 Feet

Datum is mean sea level.