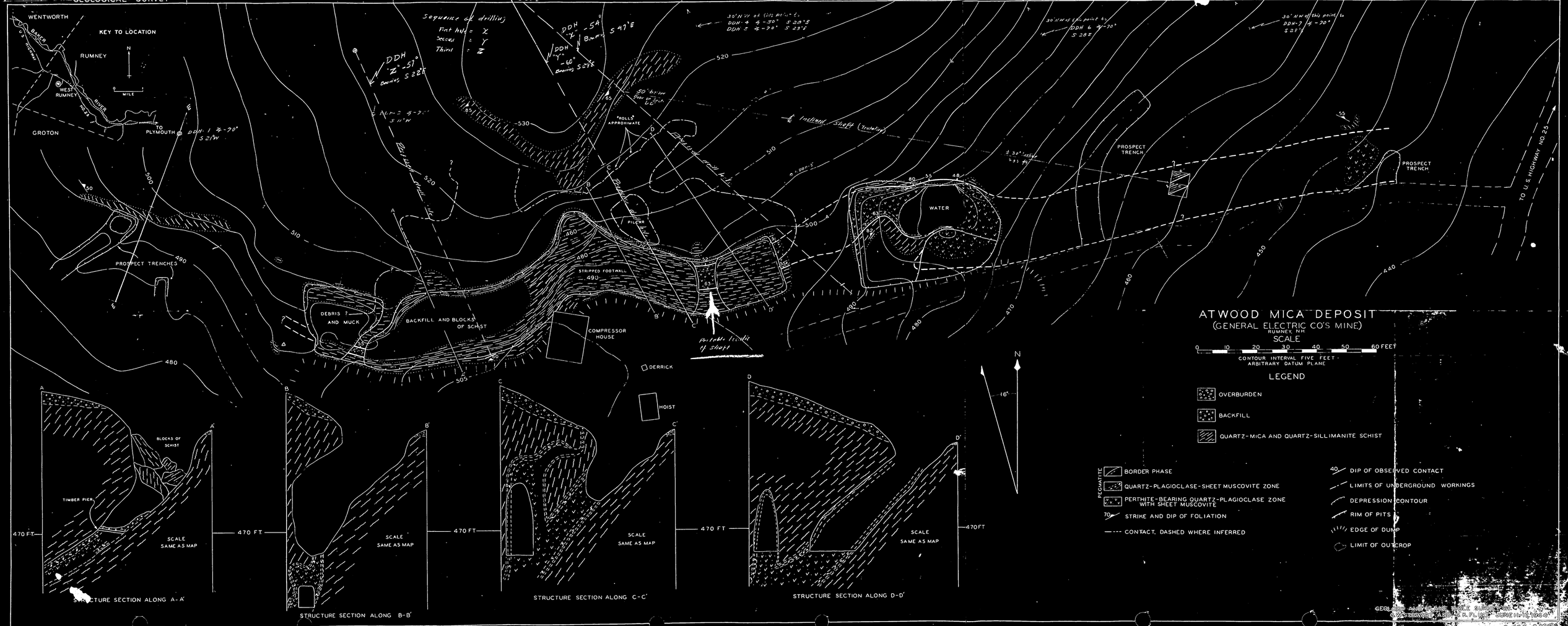
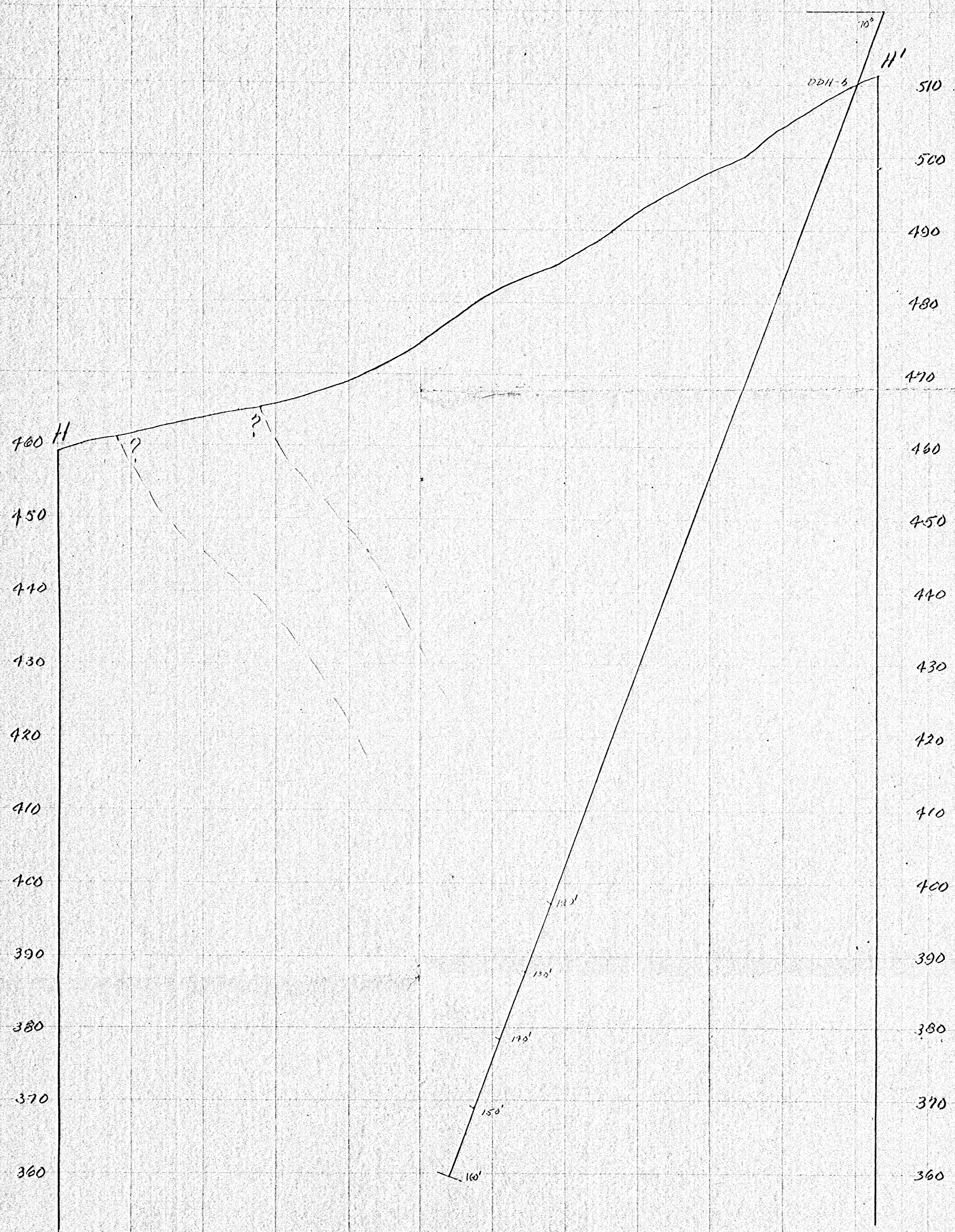
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



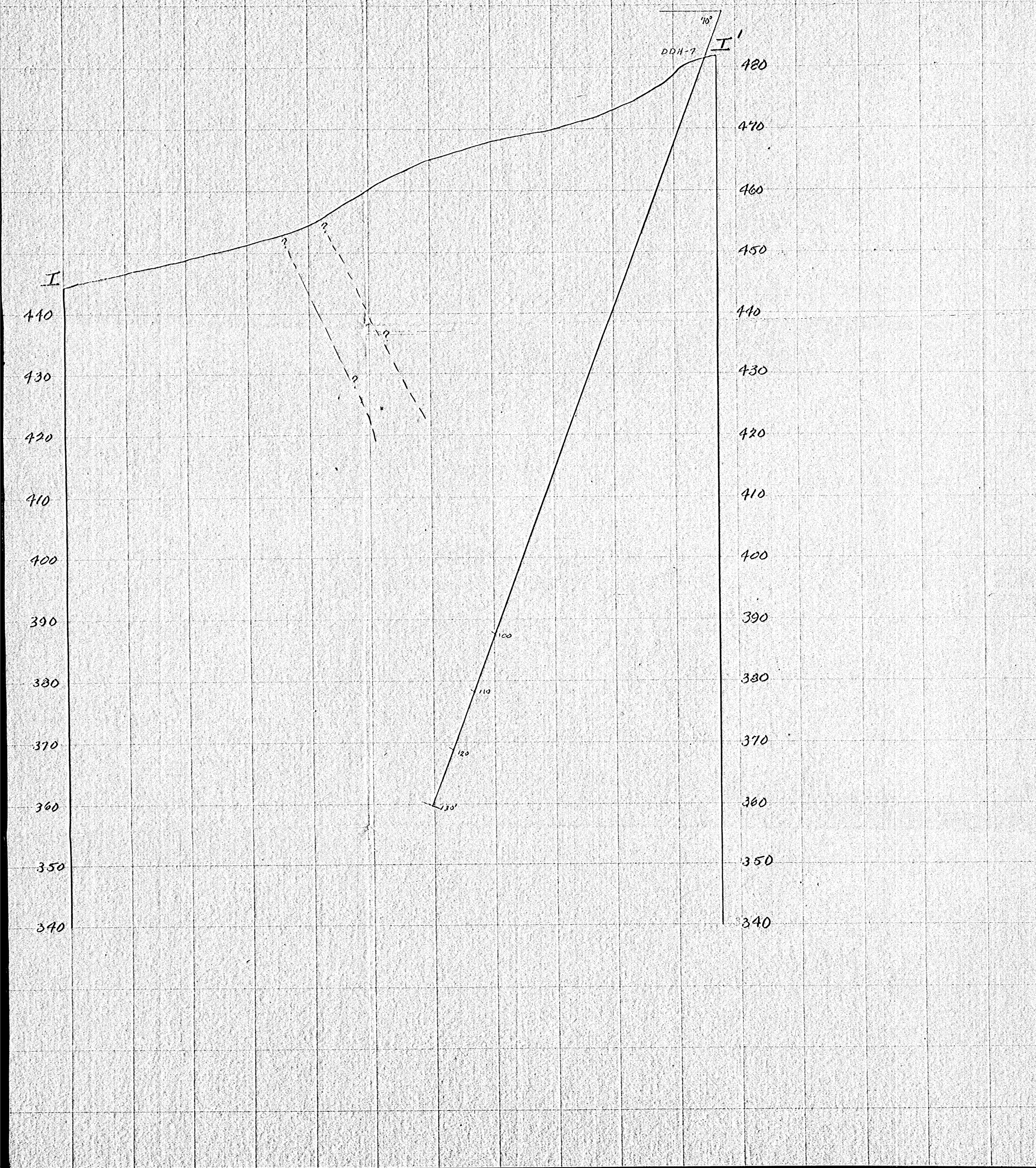
DMR-Docket 2129X

SECTION H-H'
DDH-6

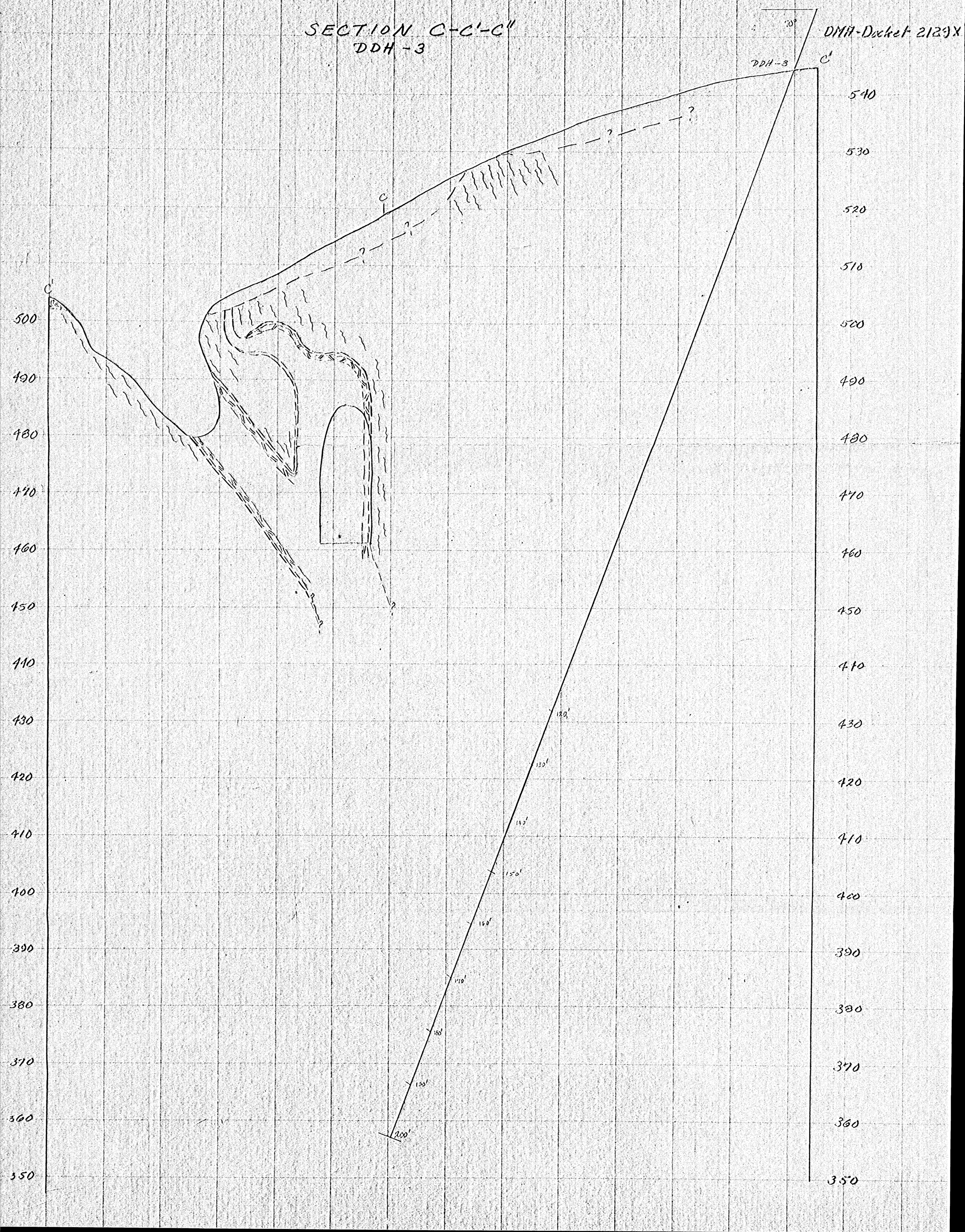


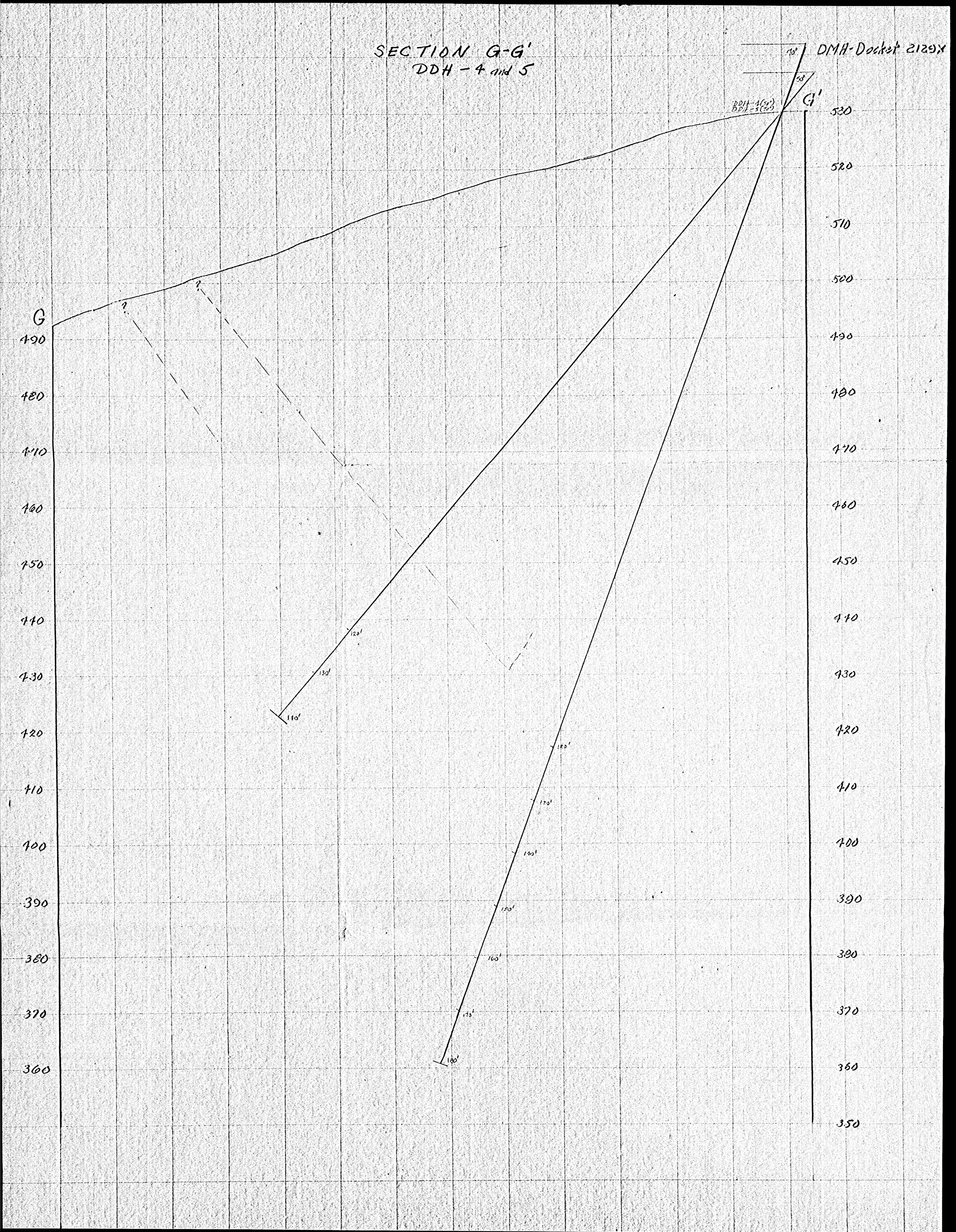
DMH-Docket 2129 X

SECTION I-I'
DDH-7



SECTION C-C'-C''
DDH-3

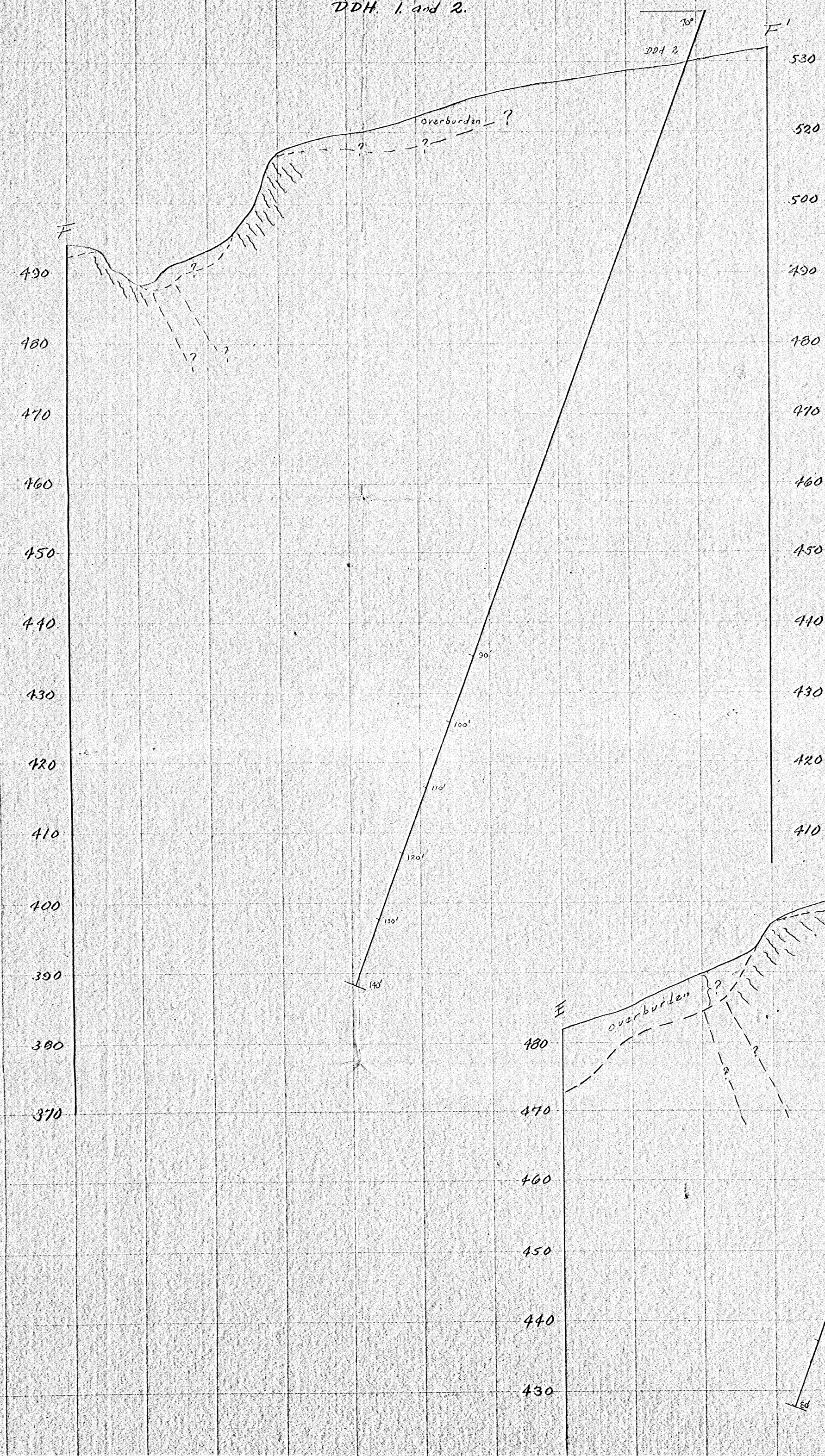


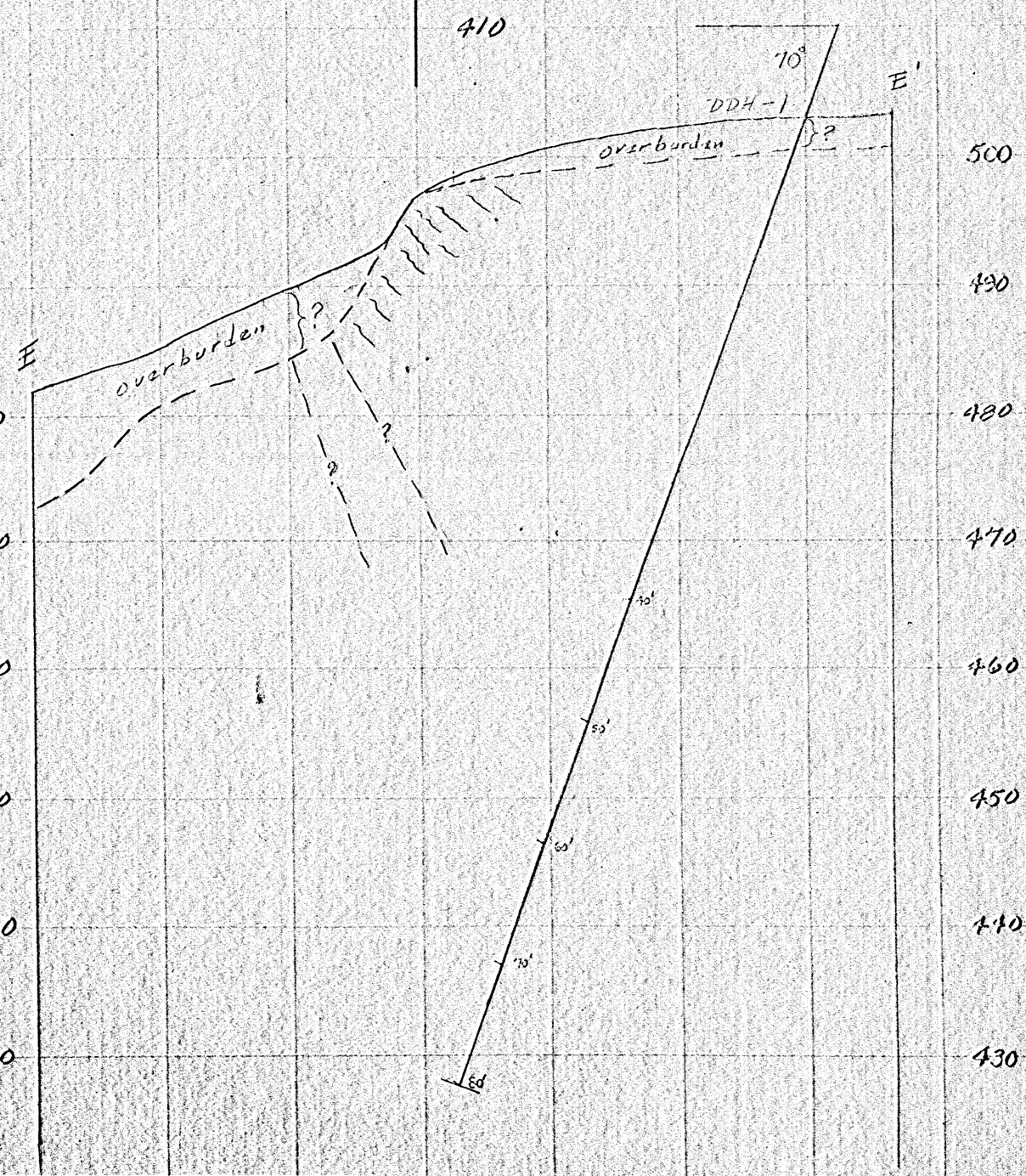

SECTION G-G'
DDH - 4 and 5
DMH-Docket 2129X
70°
58°
DDH-4(58°)
DDH-5(70°)
G
G'
520
520
510
500
490
480
470
460
450
470
430
420
410
400
390
380
370
360
350
490
480
470
460
450
440
430
420
410
400
390
380
370
360
?
?
120'
130'
110'
180'
170'
160'
150'
140'
130'
120'

SECTIONS E-E' and F-F'

DDH. 1. and 2.

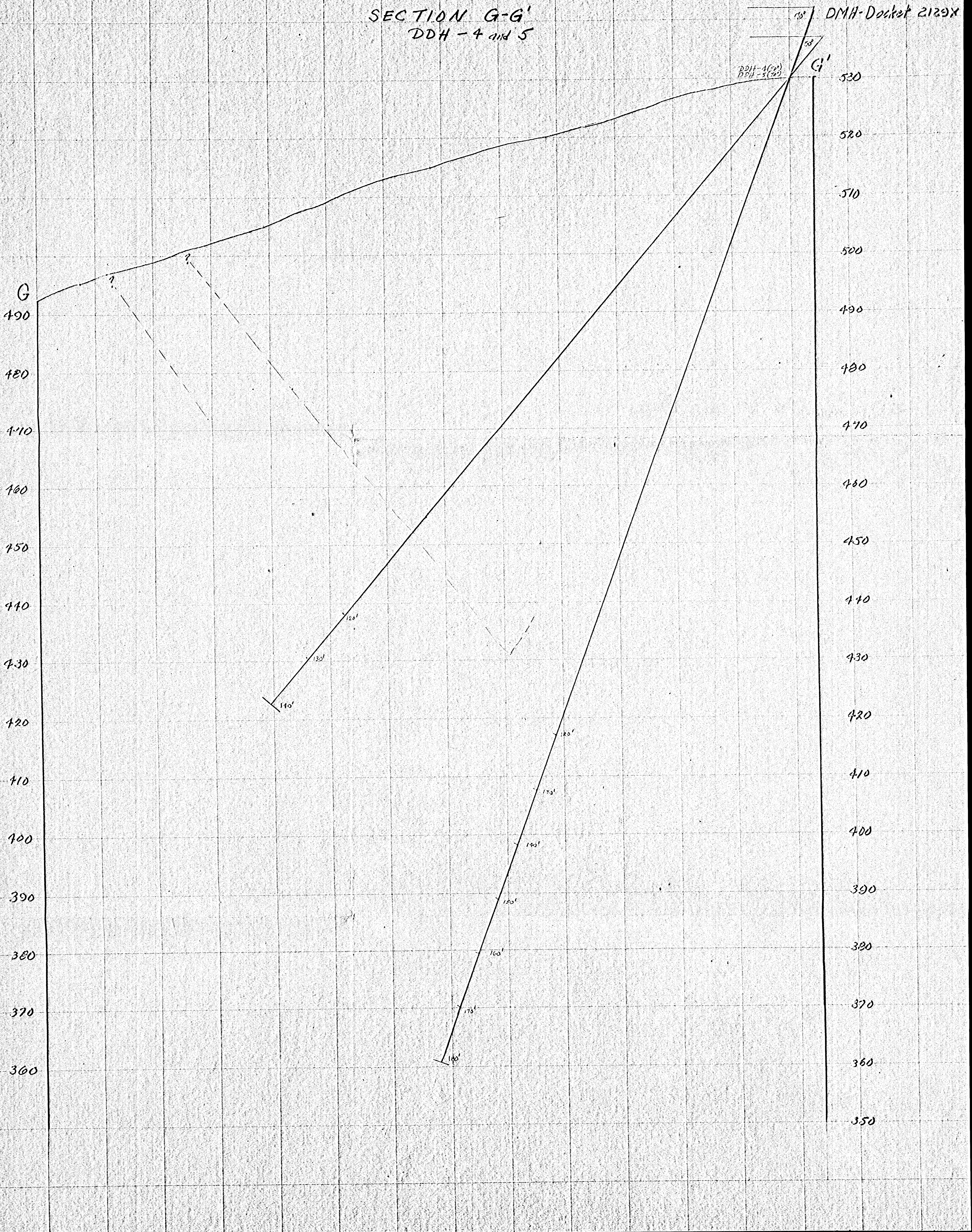
DMR - Docket No: 2129 X





SECTION G-G'
DDH - 4 and 5

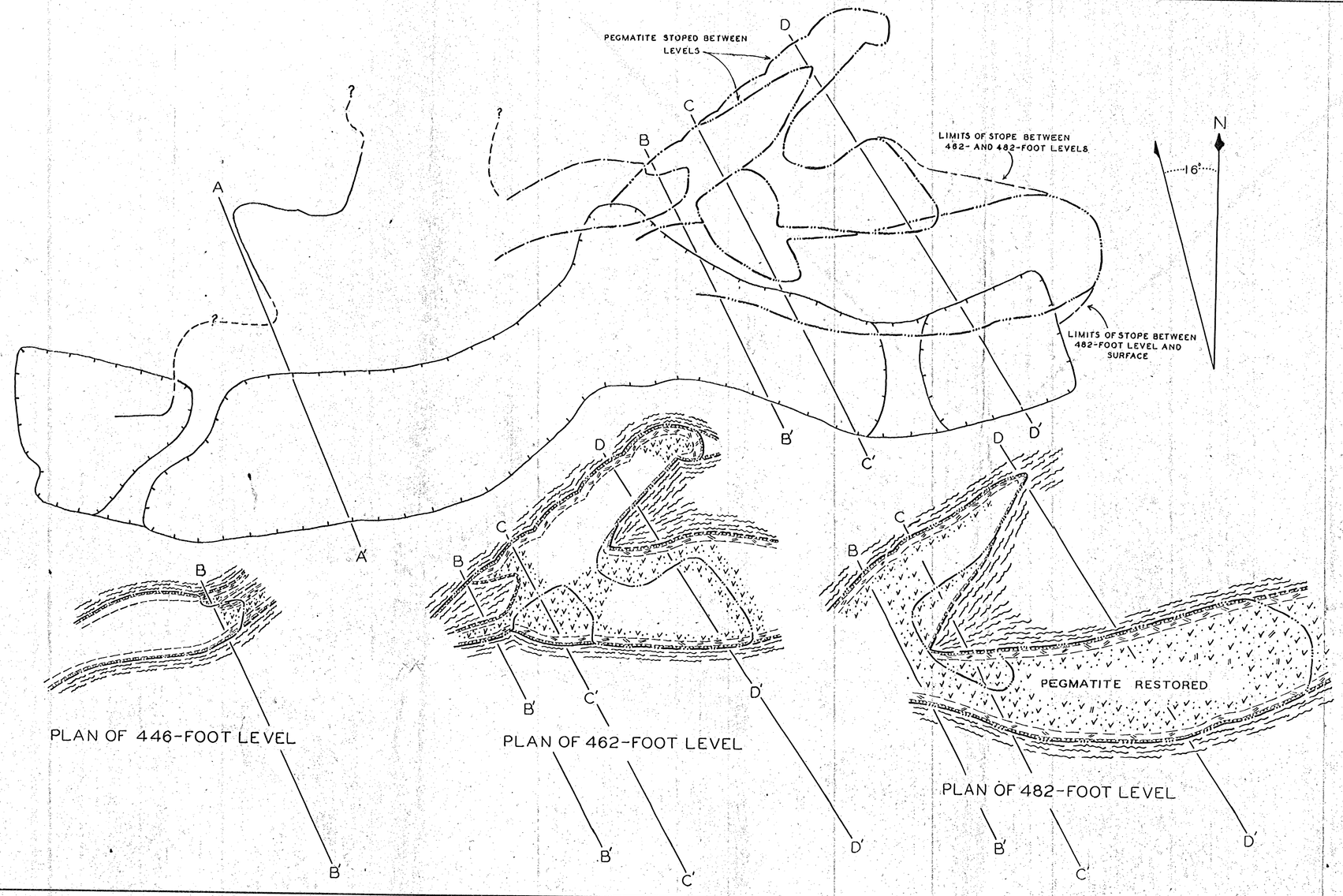
DMH-Docket 2129X



Code Nos. 12 + 18 - 7/7/44

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



PLANS OF UNDERGROUND WORKINGS OF

ATWOOD MICA DEPOSIT
(GENERAL ELECTRIC CO'S MINE)
RUMNEY, N.H.

SCALE

0 10 20 30 40 50 60
FEET

LEGEND

QUARTZ-MICA AND QUARTZ-SILLIMANITE SCHIST

PEGMATITE

BORDER PHASE

QUARTZ-PLAGIOCLASE-SHEET MUSCOVITE ZONE

PERTHITE-BEARING QUARTZ-PLAGIOCLASE ZONE WITH SHEET MUSCOVITE

LIMITS OF OLD WORKINGS, DASHED WHERE INFERRED

PLAN OF 446-FOOT LEVEL

PLAN OF 462-FOOT LEVEL

PLAN OF 482-FOOT LEVEL

CONTACT, DASHED WHERE INFERRED

RIM OF PIT

DMA Docket 2129x

GEOLOGY AND TRANSIT SURVEY BY
G. W. STEWART AND N. K. FLINT, JUNE 11-17, 1944

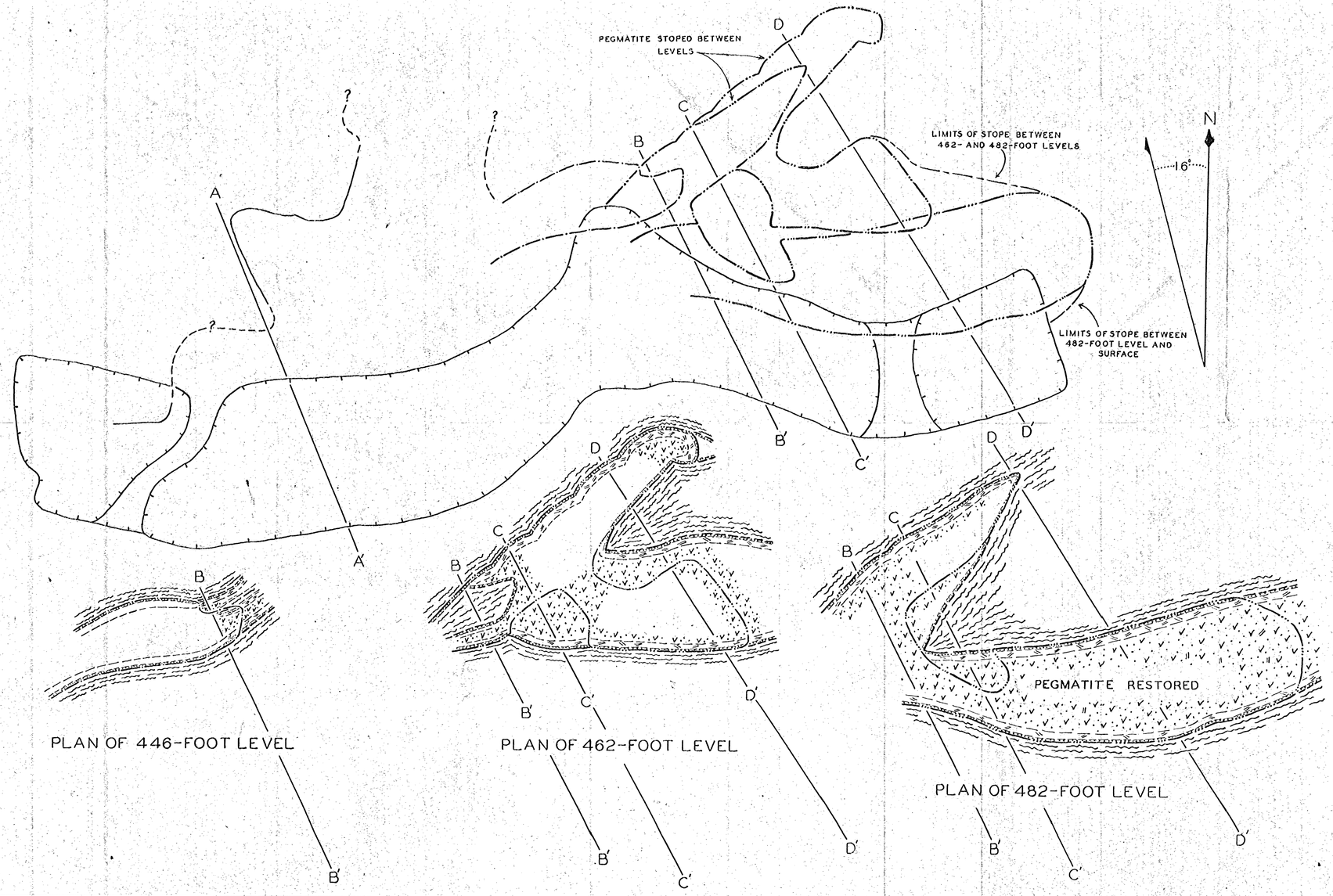
Code Nos. 12,418 - 7/7/44

dma 2129

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP

PLANS OF UNDERGROUND WORKINGS OF ATWOOD MICA DEPOSIT (GENERAL ELECTRIC CO'S MINE) RUMNEY, N.H.



SCALE

0 10 20 30 40 50 60

FEET

LEGEND

QUARTZ-MICA AND QUARTZ-SILLIMANITE SCHIST

PEGMATITE

BORDER PHASE

QUARTZ-PLAGIOCLASE-SHEET MUSCOVITE ZONE

PERTHITE-BEARING QUARTZ-PLAGIOCLASE ZONE WITH SHEET MUSCOVITE

LIMITS OF OLD WORKINGS, DASHED WHERE INFERRED

PLAN OF 446-FOOT LEVEL

PLAN OF 462-FOOT LEVEL

PLAN OF 482-FOOT LEVEL

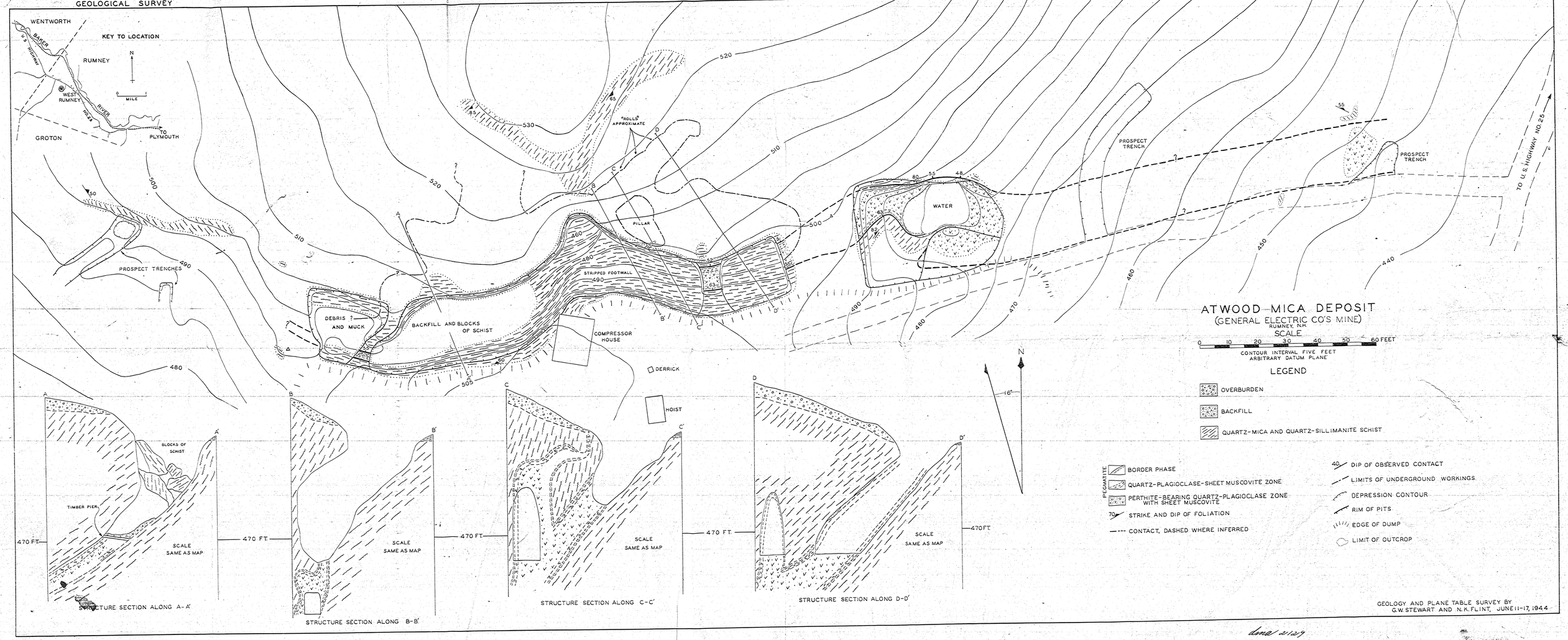
CONTACT, DASHED WHERE INFERRED

RIM OF PIT

GEOLOGY AND TRANSIT SURVEY BY
G. W. STEWART AND N. K. FLINT, JUNE 11-17, 1944

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



GEOLOGY AND PLANE TABLE SURVEY BY
G.W. STEWART AND N.K. FLINT, JUNE 11-17, 1944

Code No. 18 of 18 - 7/7/44

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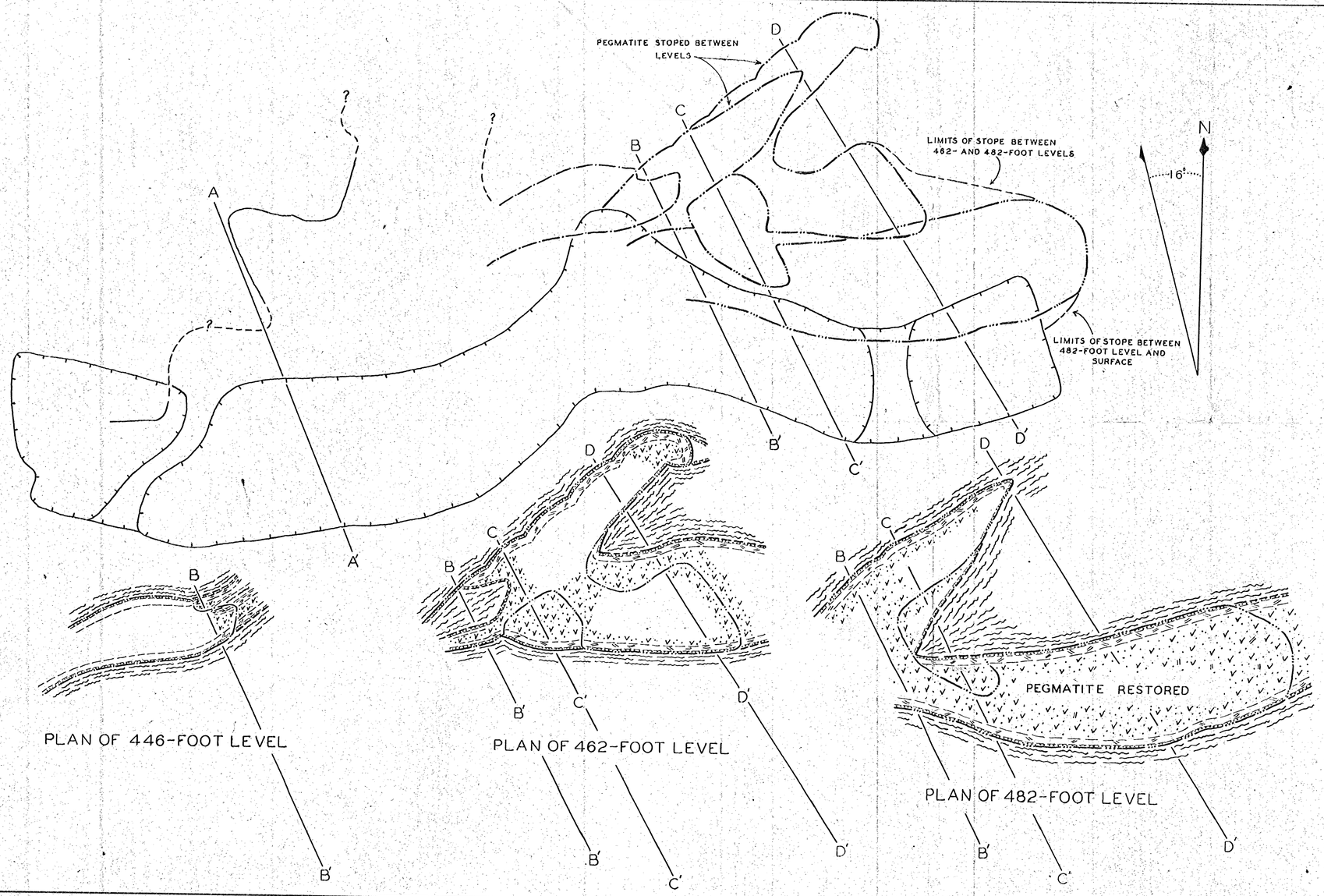
dmal. 129

Code Nos. 12+18 - 7/7/44

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP

PLANS OF UNDERGROUND WORKINGS OF ATWOOD MICA DEPOSIT (GENERAL ELECTRIC CO'S MINE) RUMNEY, N.H.



SCALE

0 10 20 30 40 50 60

FEET

LEGEND

QUARTZ-MICA AND QUARTZ-SILLIMANITE SCHIST

PEGMATITE

BORDER PHASE

QUARTZ-PLAGIOCLASE-SHEET MUSCOVITE ZONE

PERTHITE-BEARING QUARTZ-PLAGIOCLASE ZONE WITH SHEET MUSCOVITE

LIMITS OF OLD WORKINGS, DASHED WHERE INFERRED

PLAN OF 446-FOOT LEVEL

PLAN OF 462-FOOT LEVEL

PLAN OF 482-FOOT LEVEL

CONTACT, DASHED WHERE INFERRED

RIM OF PIT

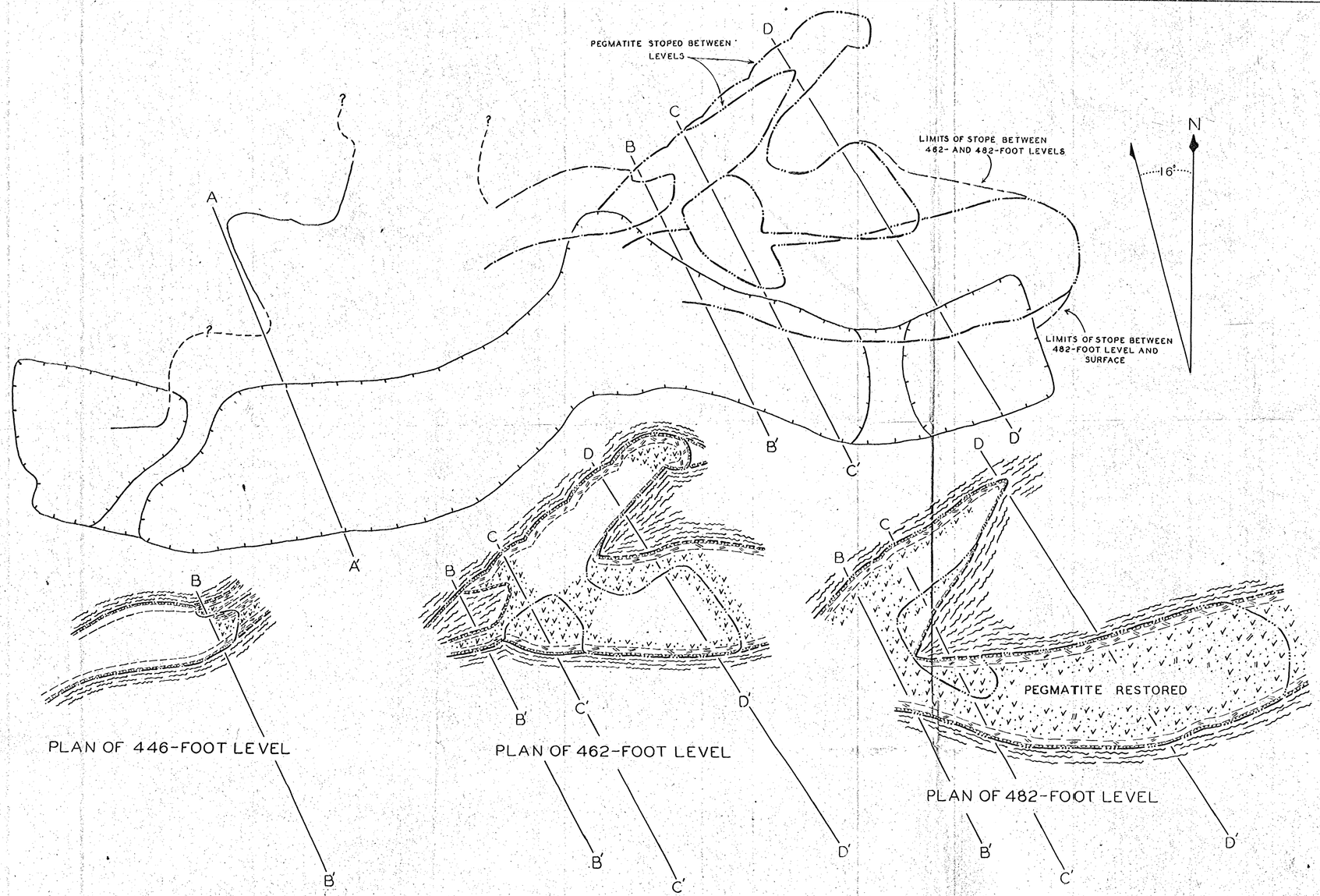
GEOLOGY AND TRANSIT SURVEY BY
G. W. STEWART AND N. K. FLINT, JUNE 11-17, 1944

Code Nos. 12+18 - 7/7/44

dma 2129

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



PLANS OF UNDERGROUND WORKINGS OF

ATWOOD MICA DEPOSIT

(GENERAL ELECTRIC CO'S MINE)

RUMNEY, N.H.

SCALE

0 10 20 30 40 50 60

FEET

LEGEND

QUARTZ-MICA AND QUARTZ-SILLIMANITE SCHIST

PEGMATITE

BORDER PHASE

QUARTZ-PLAGIOCLASE-SHEET MUSCOVITE ZONE

PERTHITE-BEARING QUARTZ-PLAGIOCLASE ZONE WITH SHEET MUSCOVITE

LIMITS OF OLD WORKINGS, DASHED WHERE INFERRED

PLAN OF 446-FOOT LEVEL

PLAN OF 462-FOOT LEVEL

PLAN OF 482-FOOT LEVEL

CONTACT, DASHED WHERE INFERRED

RIM OF PIT

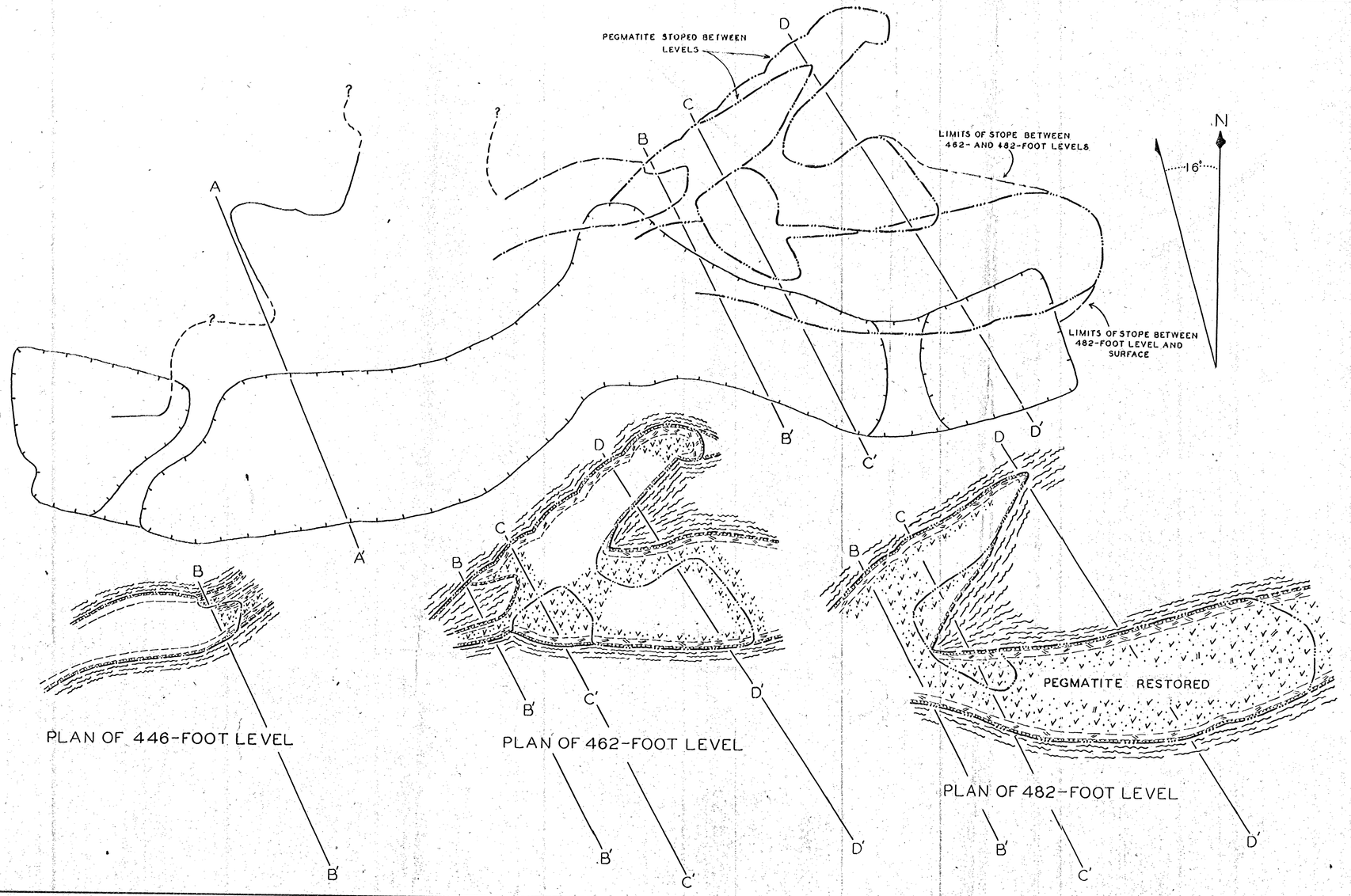
GEOLOGY AND TRANSIT SURVEY BY
G.W. STEWART AND N.K. FLINT, JUNE 11-17, 1944

Code Nos. 12+18 - 7/7/44

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP

PLANS OF UNDERGROUND WORKINGS OF ATWOOD MICA DEPOSIT (GENERAL ELECTRIC CO'S MINE) RUMNEY, N.H.



SCALE

0 10 20 30 40 50 60

FEET

LEGEND

QUARTZ-MICA AND QUARTZ-SILLIMANITE SCHIST

PEGMATITE

BORDER PHASE

QUARTZ-PLAGIOCLASE-SHEET MUSCOVITE ZONE

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LIMITS OF OLD WORKINGS, DASHED WHERE INFERRED

PLAN OF 446-FOOT LEVEL

PLAN OF 462-FOOT LEVEL

PLAN OF 482-FOOT LEVEL

CONTACT, DASHED WHERE INFERRED

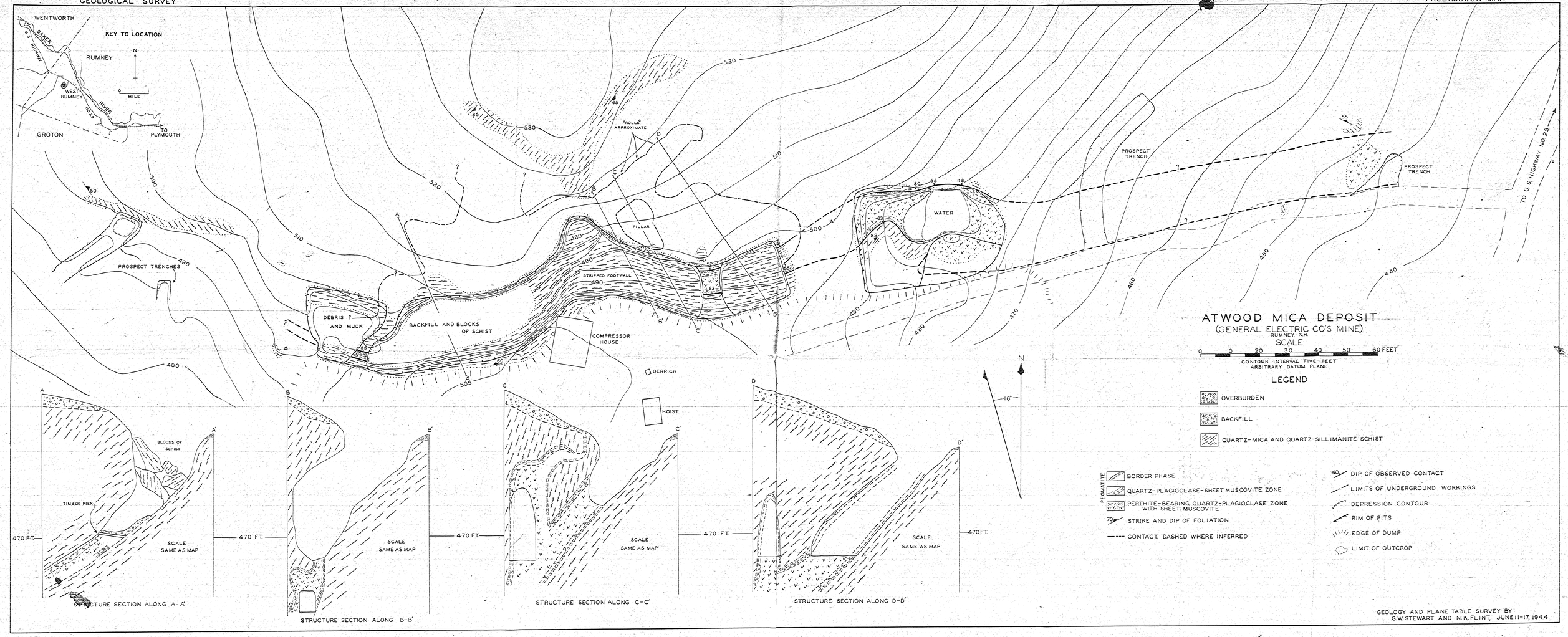
RIM OF PIT

DMA Docket 2129-X

GEOLOGY AND TRANSIT SURVEY BY
G. W. STEWART AND N. K. FLINT, JUNE 11-17, 1944

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

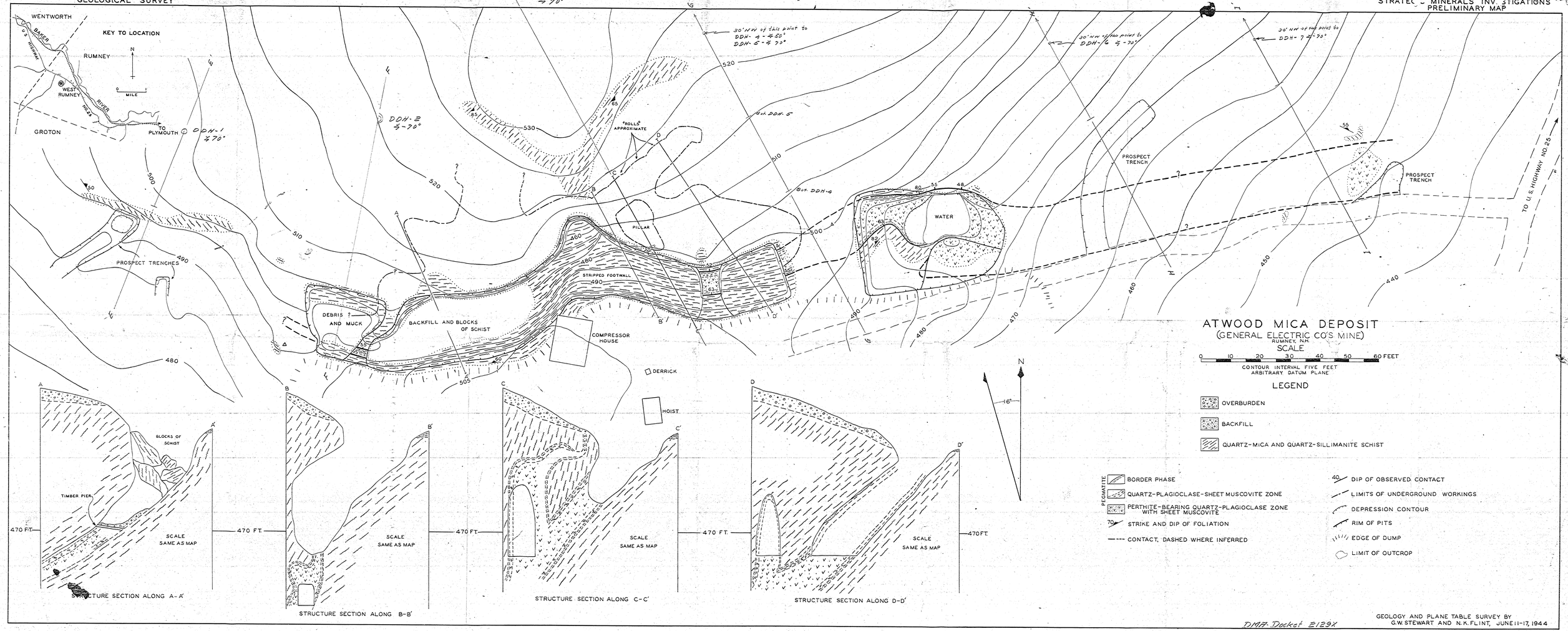
STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



GEOLOGY AND PLANE TABLE SURVEY BY
G.W. STEWART AND N.K. FLINT, JUNE 11-17, 1944

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



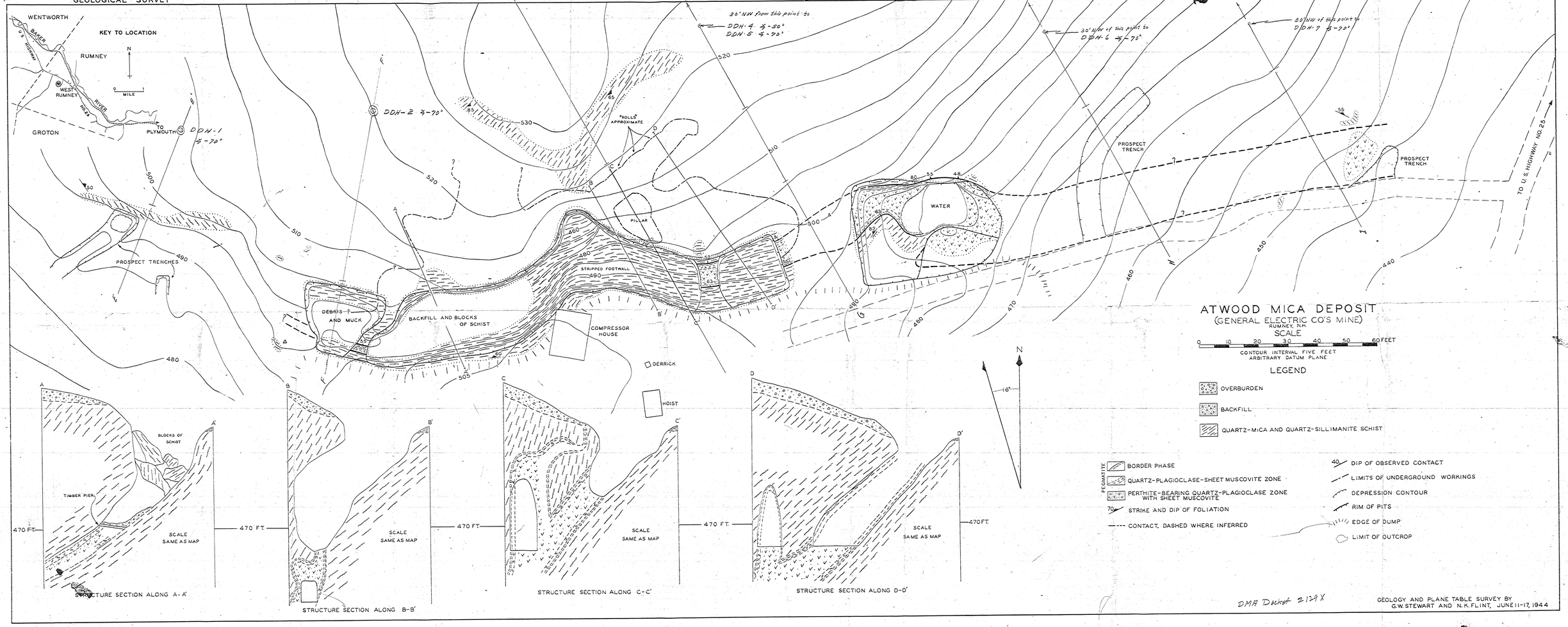
DMAP Docket 2129X

GEOLOGY AND PLANE TABLE SURVEY BY
G.W. STEWART AND N.K. FLINT, JUNE 11-17, 1944

Code No. 13 & 14 - 7/7/44

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP

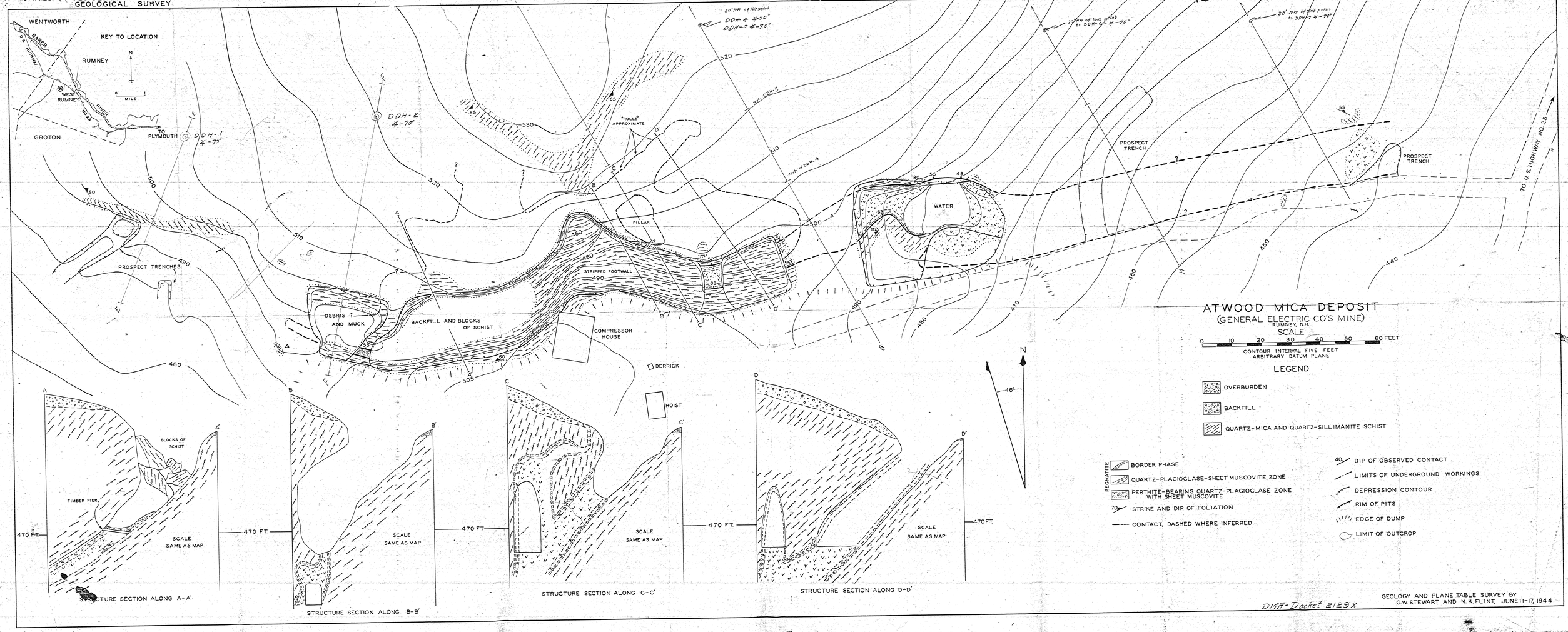


DMA Ducat 2129X

GEOLOGY AND PLANE TABLE SURVEY BY
G.W. STEWART AND N.K. FLINT, JUNE 11-17, 1944

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



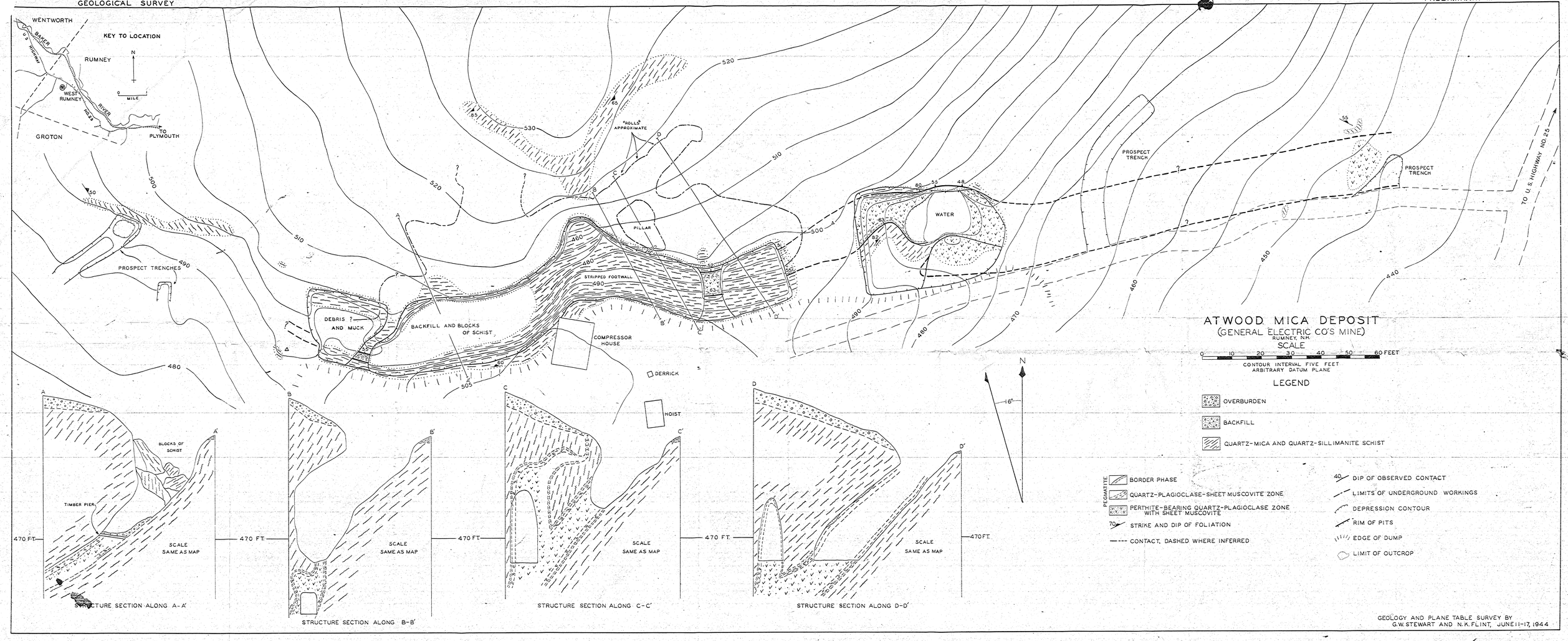
DMA-Docket 2129X

GEOLOGY AND PLANE TABLE SURVEY BY
G.W. STEWART AND N.K. FLINT, JUNE 11-17, 1944

Code No. 13 a 14 - 7/7/44

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



GEOLOGY AND PLANE TABLE SURVEY BY
G.W. STEWART AND N.K. FLINT, JUNE 11-17, 1944

Code No. 13 of 14 - 7/7/44

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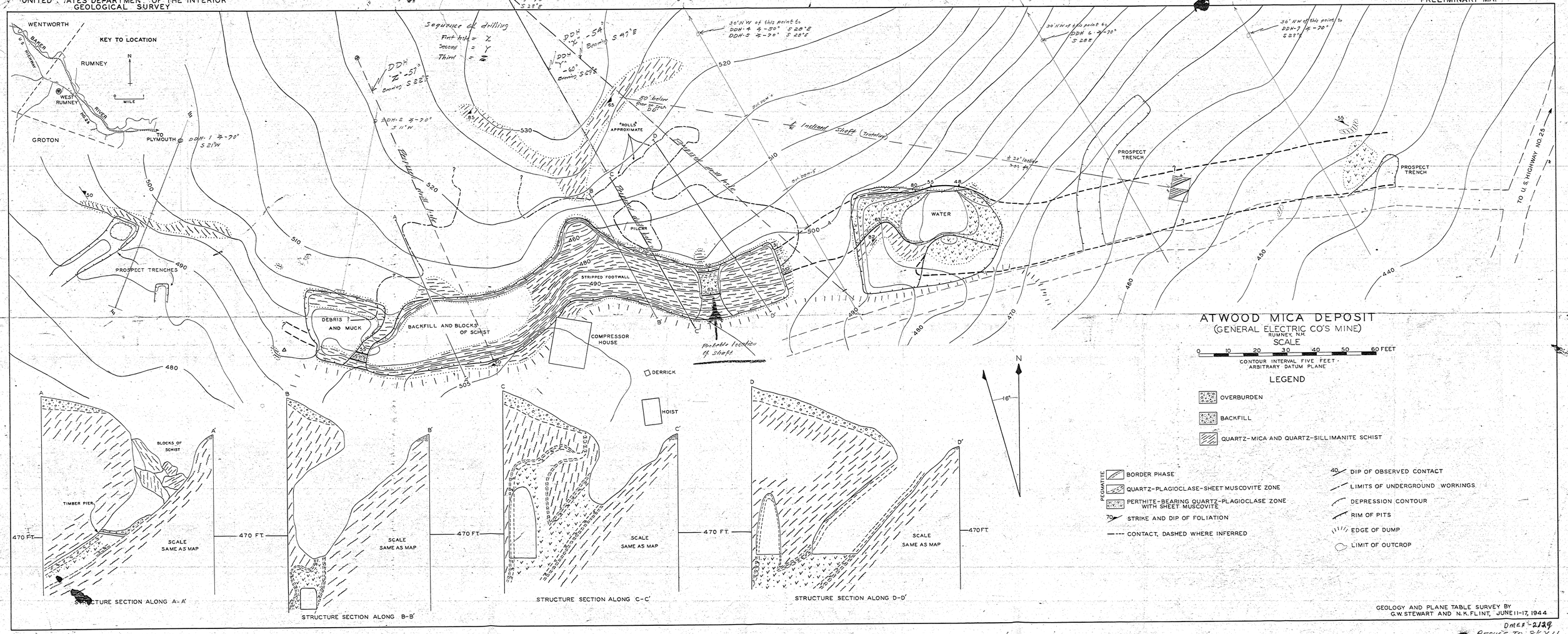
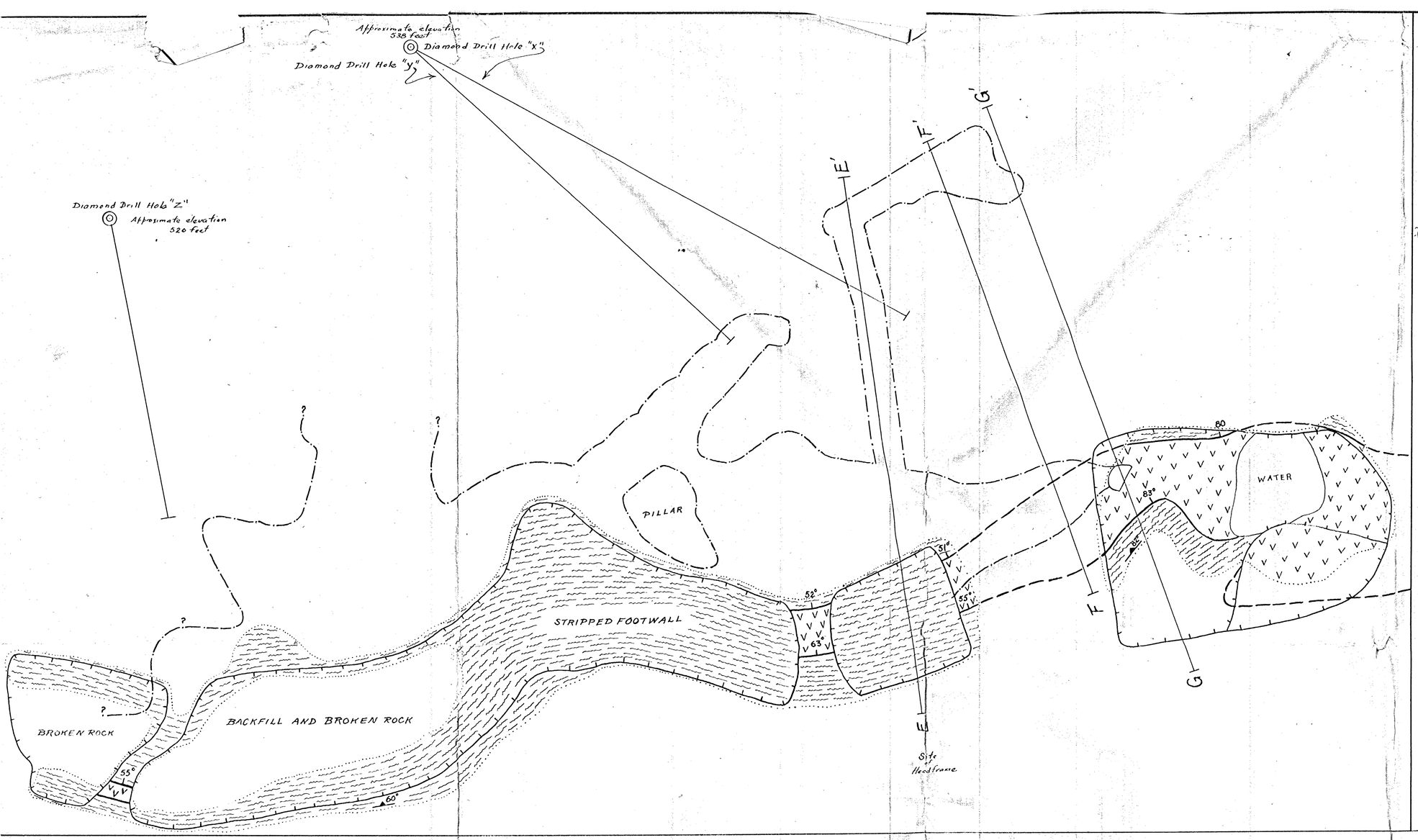
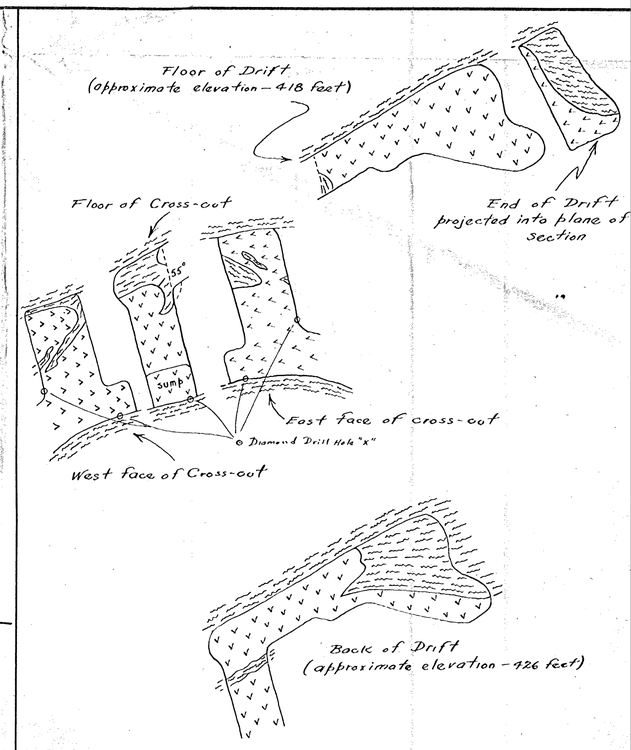
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



Code No: 13 a 14 - 7/7/44





PLANS AND SECTIONS
OF
RECENT UNDERGROUND WORKINGS
with tape and Brunton Compass
Same scale as map

LEGEND

ATWOOD MICA MINE

RUMNEY, N.H.

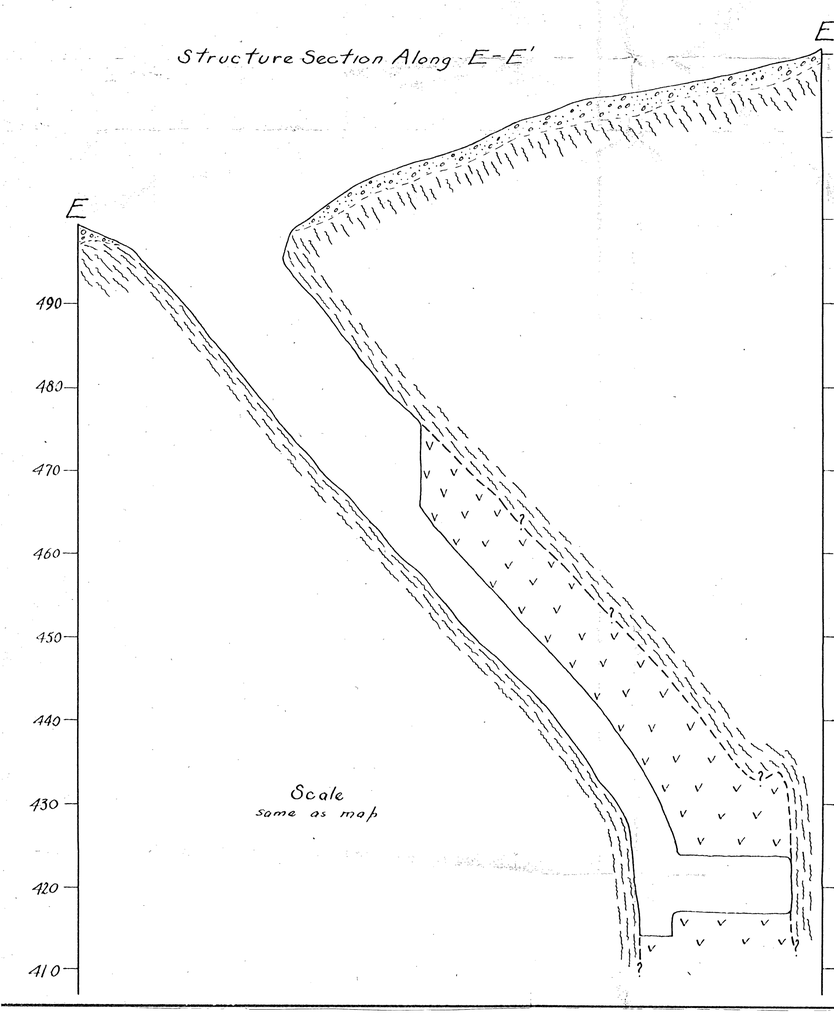
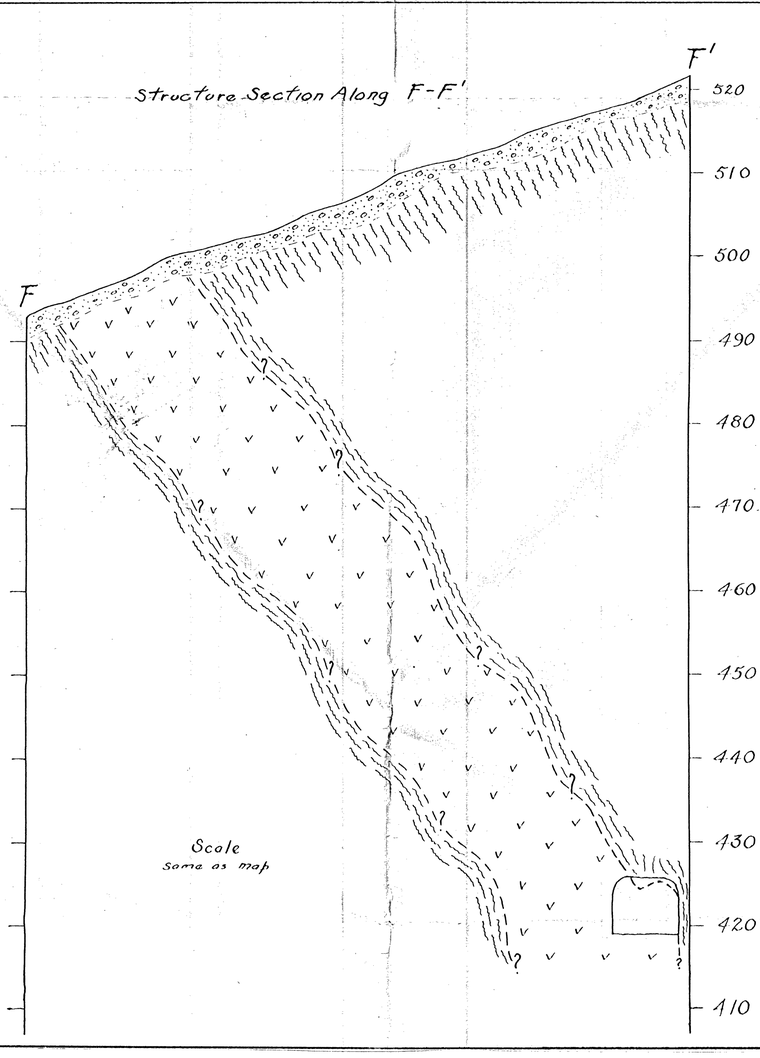
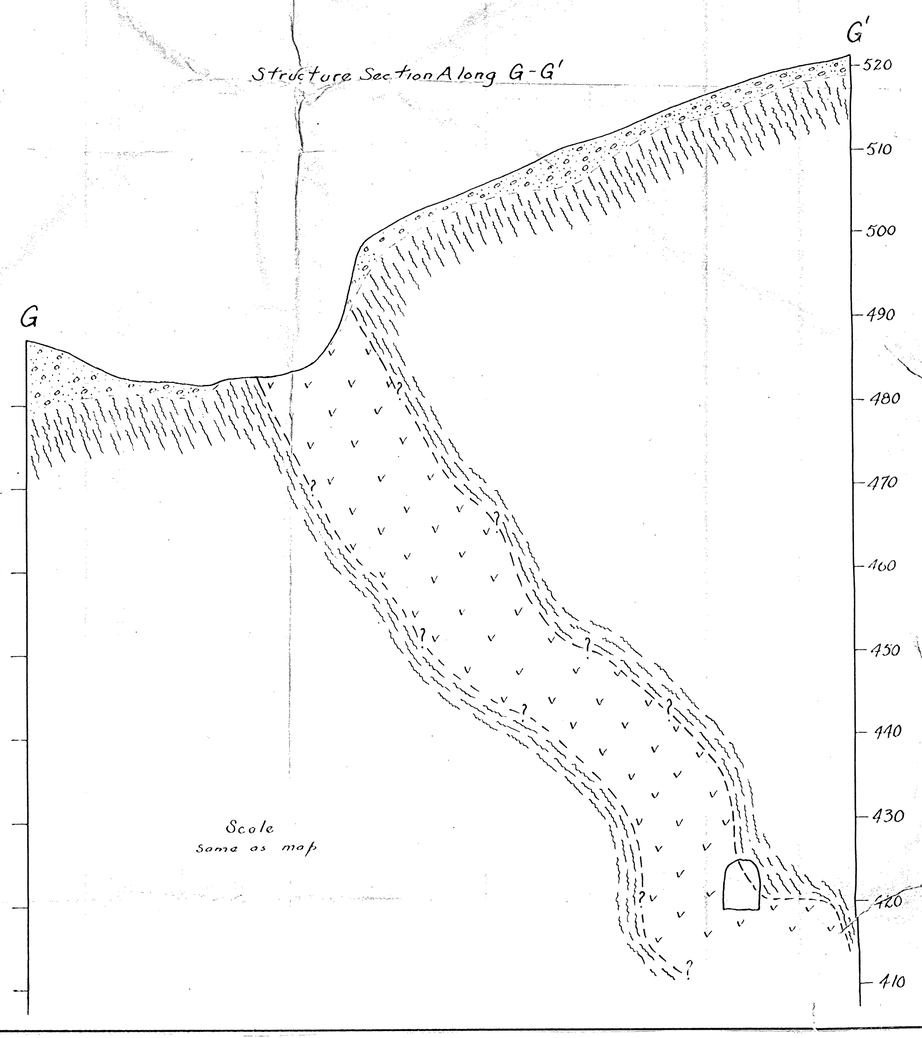
NOTE: This map is incomplete and should be attached to a copy of the original Atwood map — June 11-17, 1944 by G.W. Stewart and N.K. Flint, U.S. Geological Survey

- Overburden
- Quartz mica and quartz-sillimanite schist
- Pegmatite, undivided
- 80° Strike and dip of foliation
- Contact, dashed where inferred
- 50° Dip of observed contact
- Limits of underground workings
- Rim of excavations

FIG. 2

16° TRUE NORTH

Scale

0 10 20 30 40 50 feet

Recent underground workings mapped by tape and Brunton Compass