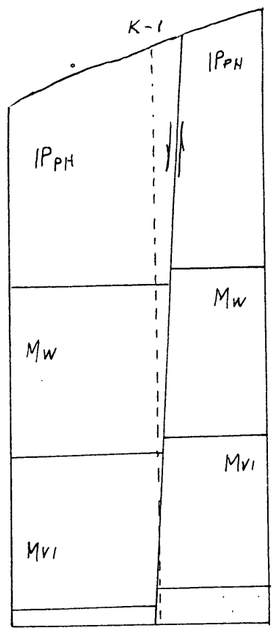
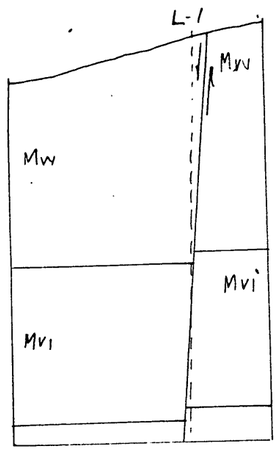
U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

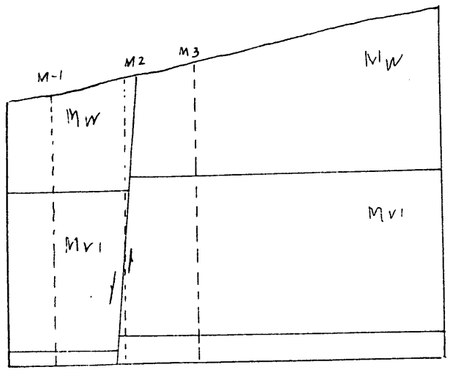
OFFICE OF MINERALS EXPLORATION
MARCH 1966
DOCKET 6452



CROSS SECTION K-K'



CROSS SECTION L-L'



CROSS SECTION M-M'

FIGURE-3 CROSS SECTIONS SHOWING PROPOSED DIAMOND DRILLING
VI POINT PROPERTY, BOX ELDER COUNTY, UTAH

OFFICIAL
COPY
O. M. E.
RECEIVED
APR 22 1966

INITIALS	CODE

FIGURE-5 CROSS SECTION H-H' MIDWAY AREA, VIPONT MINE
BOX ELDER COUNTY, UTAH
SCALE 1"= 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET 6452

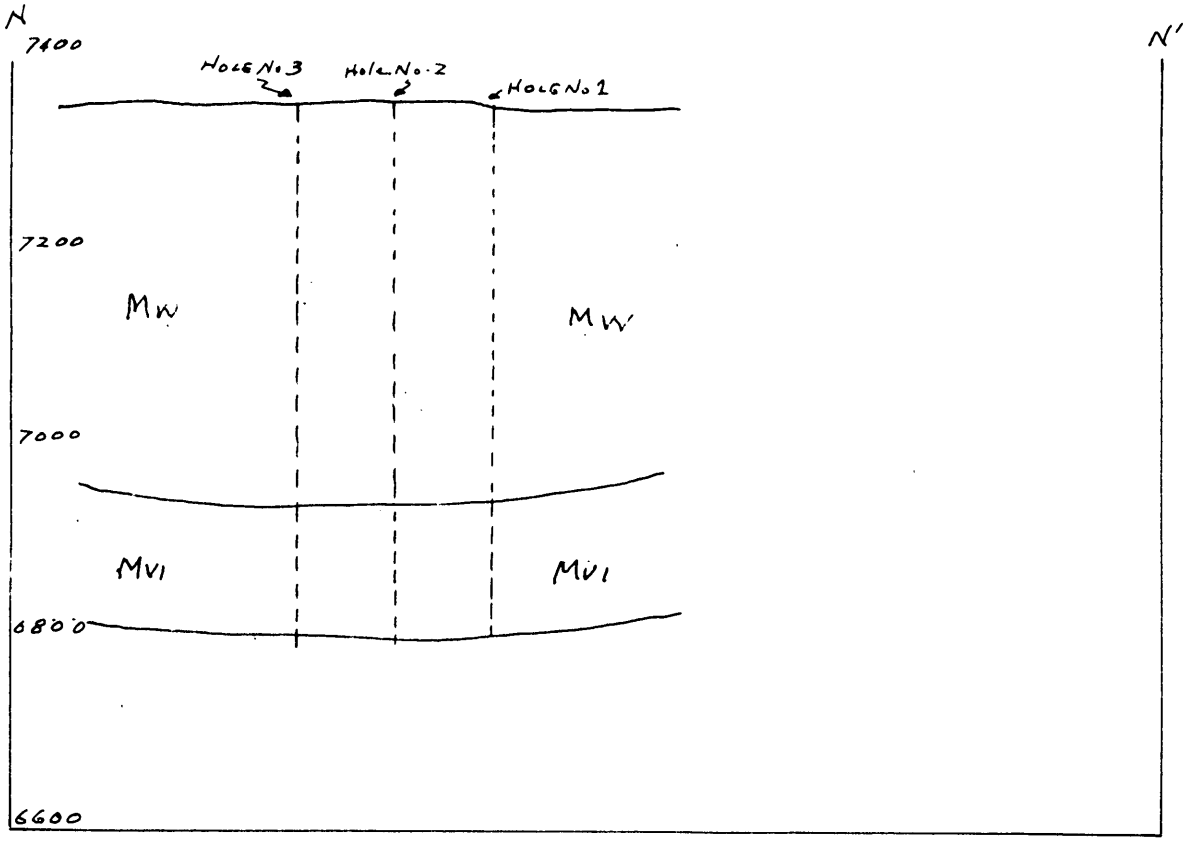


FIGURE-5 CROSS SECTION N-N' MIDWAY AREA, VIPOINT MINE
BOX ELDER COUNTY, UTAH
SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET 6452

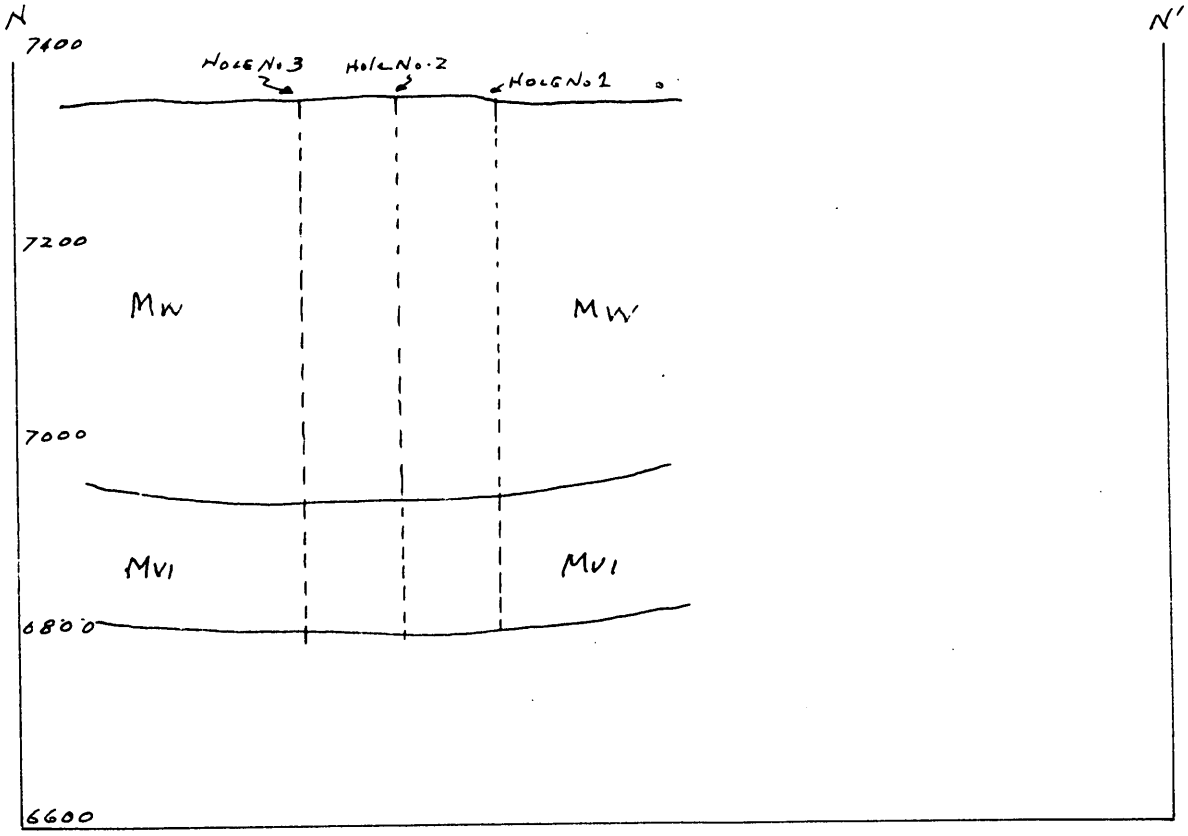


FIGURE-5 CROSS SECTION N-N' MIDWAY AREA, VIPONT MINE
BOX ELDER COUNTY, UTAH
SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET 6452

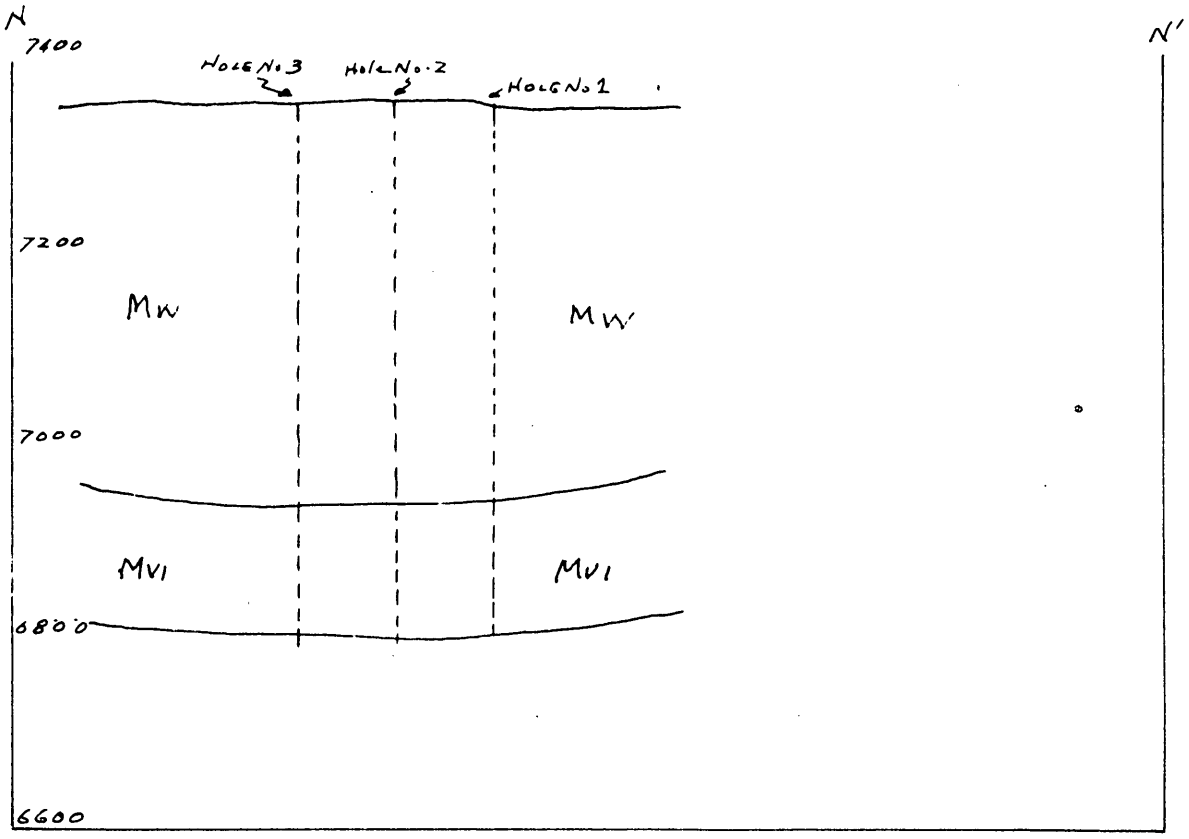


FIGURE-5 CROSS SECTION N-N' MIDWAY AREA, VIPONT MINE
BOX ELDER COUNTY, UTAH
SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET 6452

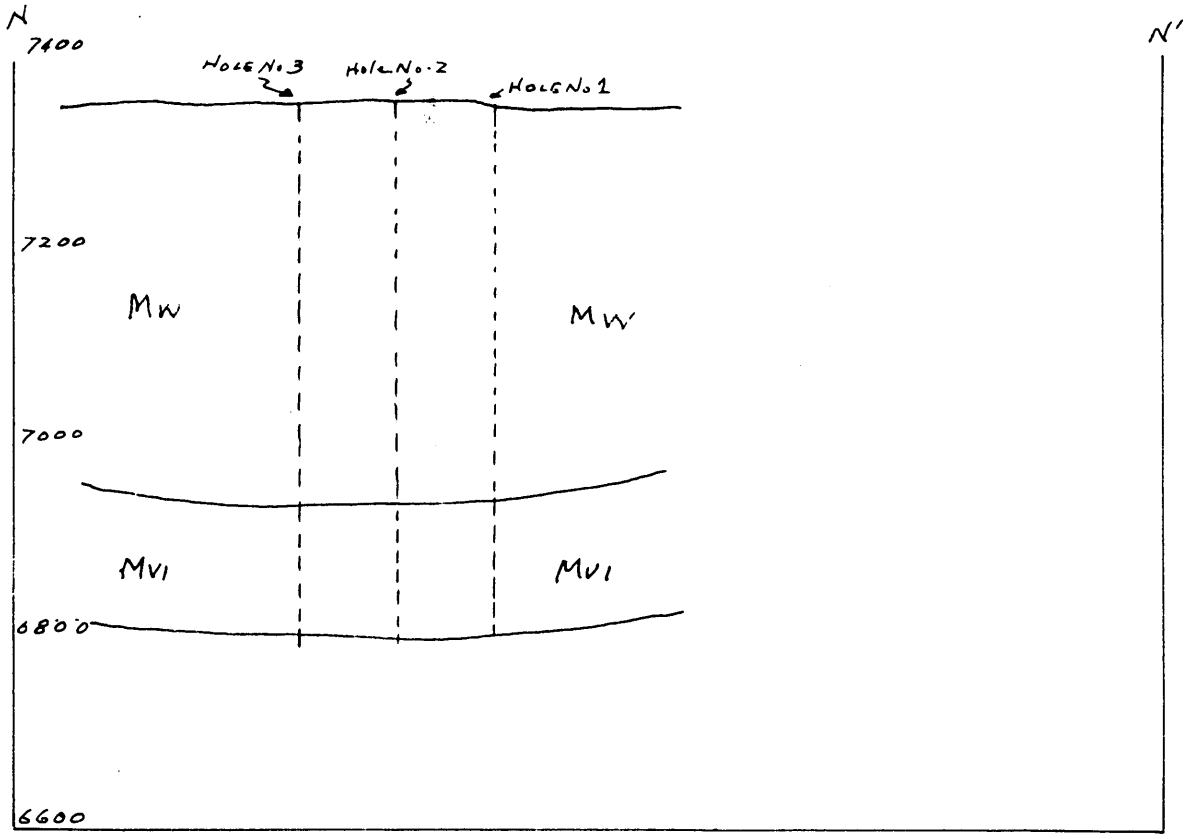


FIGURE-5 CROSS SECTION N-N' MIDWAY AREA, VIPONT MINE
BOX ELDER COUNTY, UTAH
SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET C452

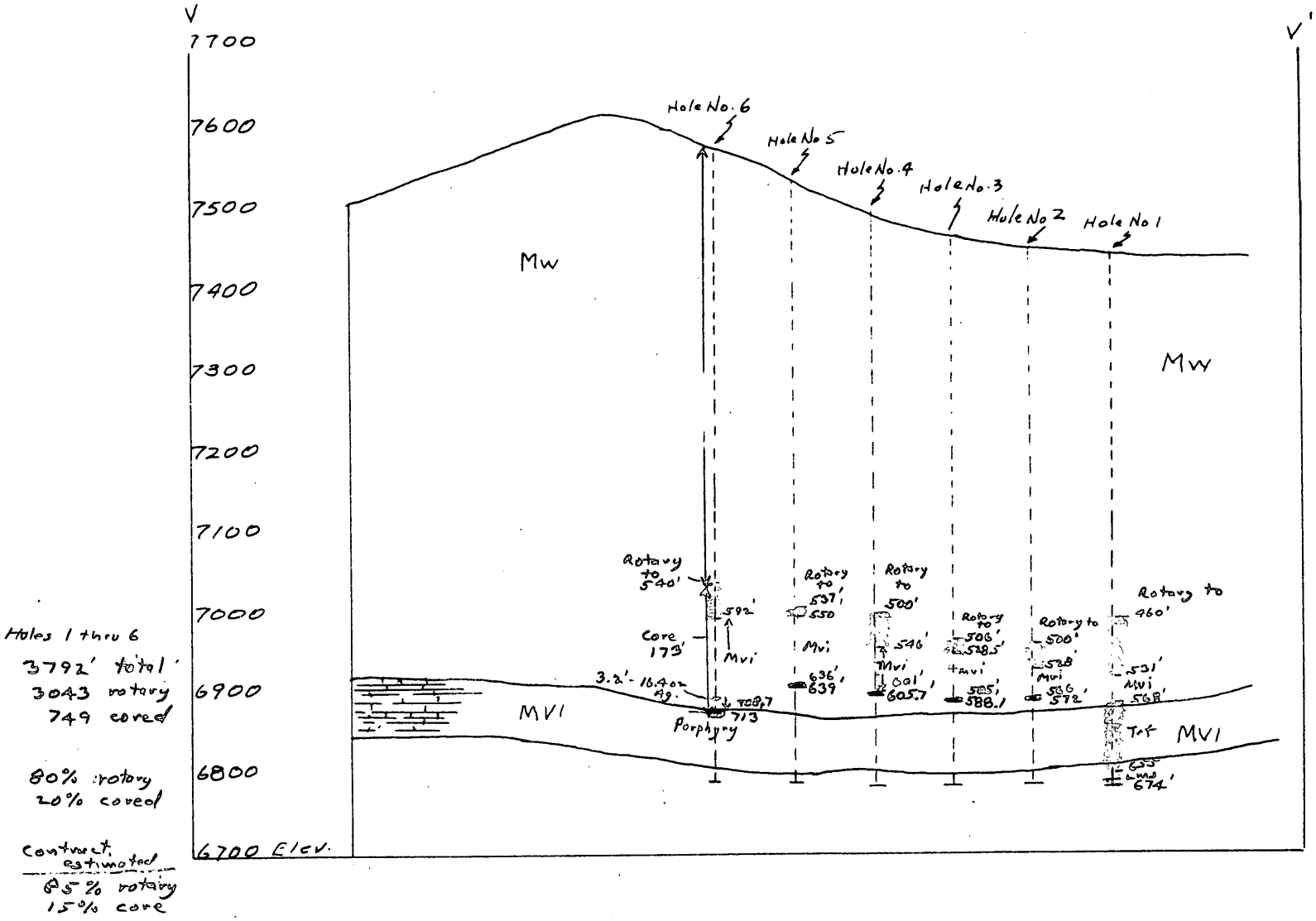


Figure 4 CROSS SECTION SHOWING PROPOSED DIAMOND DRILLING IN THE VIPONT AREA. CROSS SECTION V-V'

VIPONT MINE, BOX ELDER COUNTY, UTAH

SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET 6452

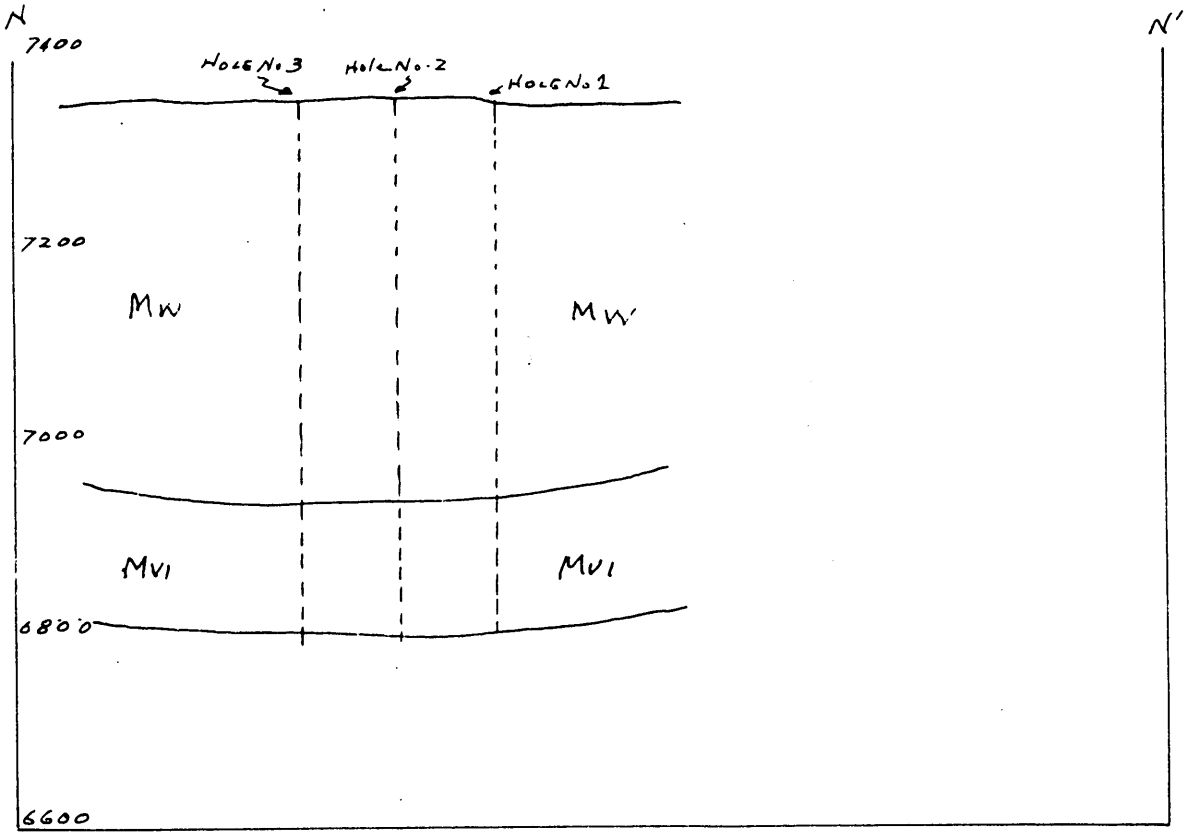


FIGURE-5 CROSS SECTION N-N' MIDWAY AREA, VIPOINT MINE
BOX ELDER COUNTY, UTAH
SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET C452

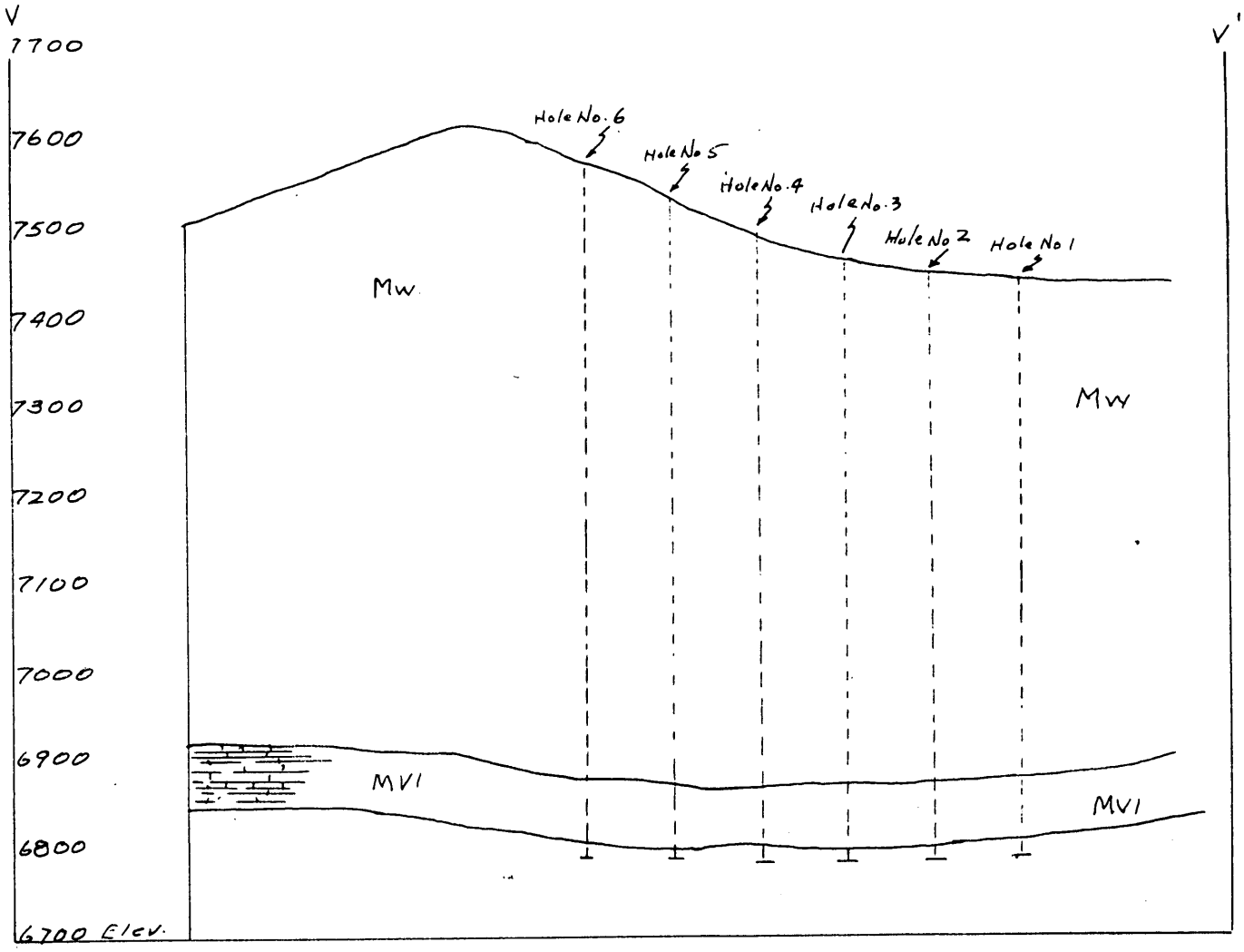


Figure 4 CROSS SECTION SHOWING PROPOSED DIAMOND DRILLING IN THE VIPONT AREA. CROSS SECTION V-V'

VIPONT MINE, BOX ELDER COUNTY, UTAH

SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
DOCKET CASE

FIGURE-1 — CLAIM MAP OF VIPONT PROPERTY
ASHBROOK MINING DISTRICT, BOX ELDER COUNTY UTAH
0 400 800 1200
SCALE 1" = 400'

OFFICIAL COPY
O. M. E.
RECEIVED
MAR 27 1985

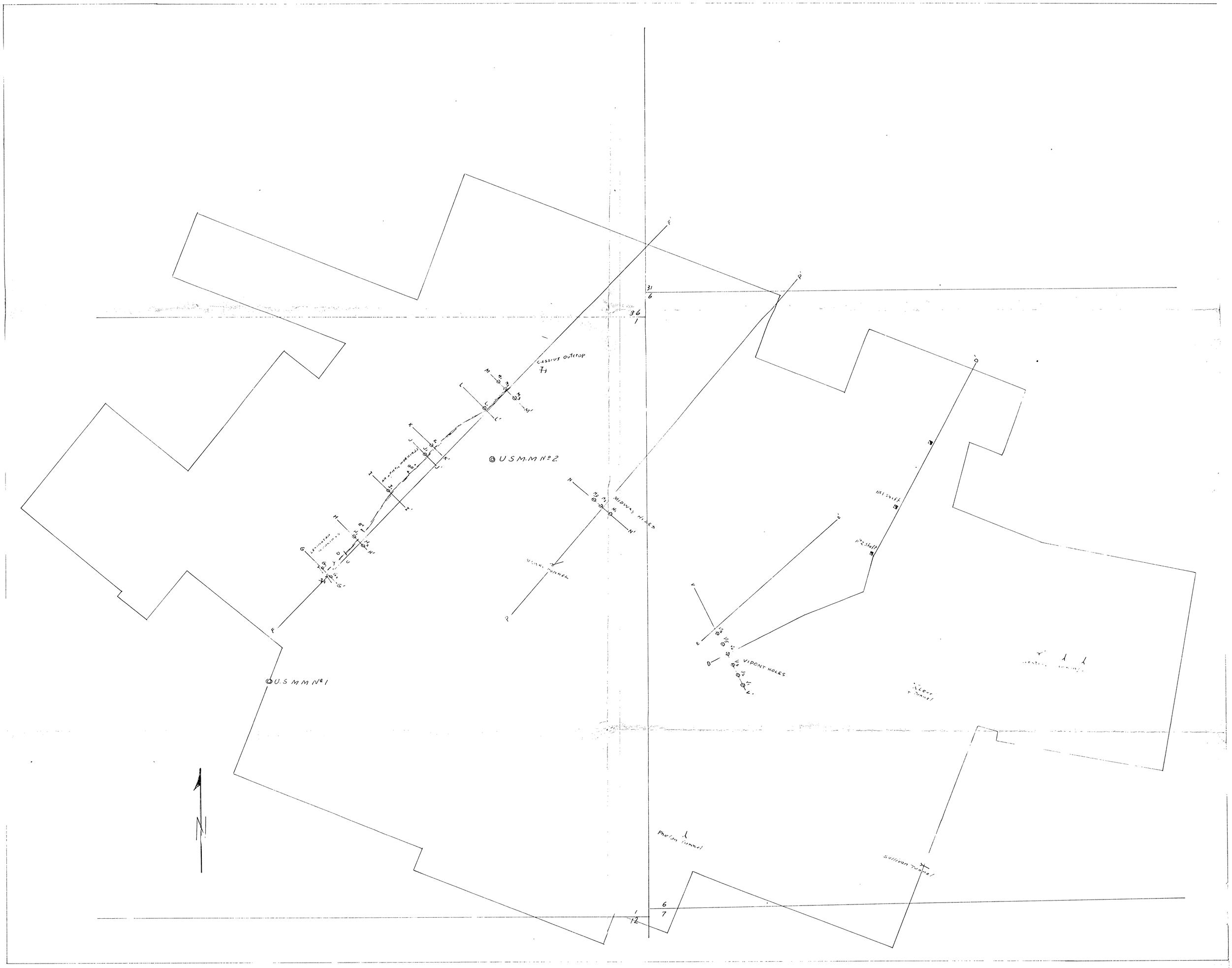


FIGURE-2 PROPOSED EXPLORATORY DRILLING ON THE VIPONT PROPERTY, BOX ELDER COUNTY, UTAH

0 400 800 1200
SCALE 1" = 400'

OFFICIAL COPY
O. M. E.
1966

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET 6452

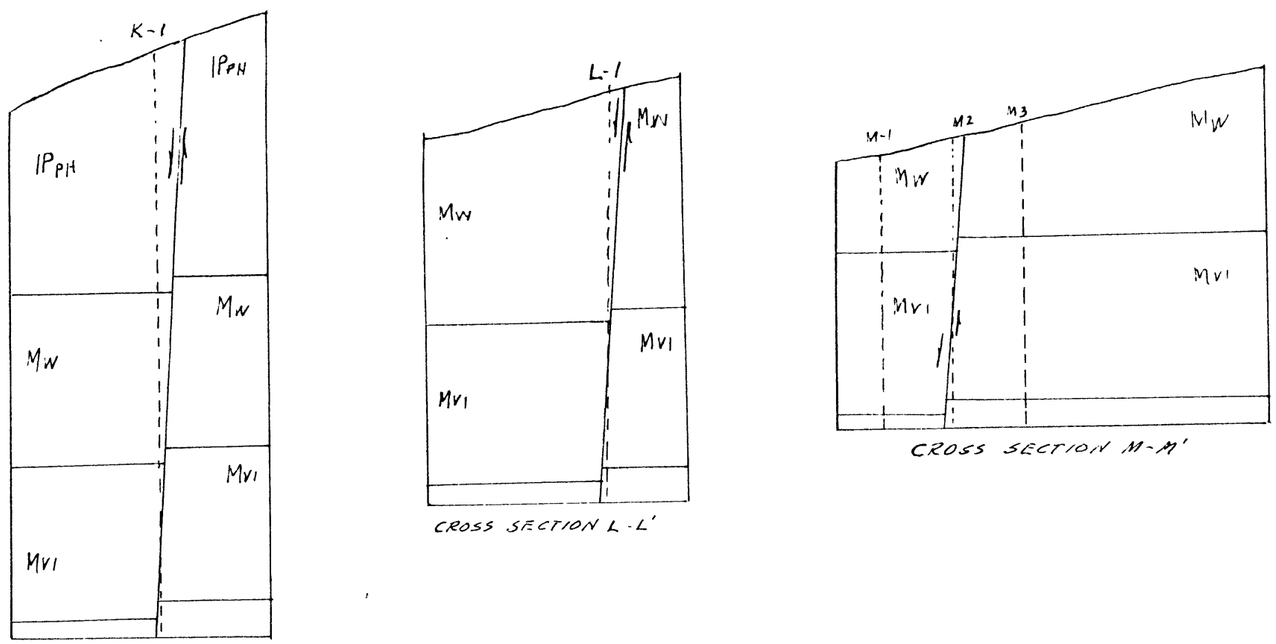


FIGURE-3 CROSS SECTIONS SHOWING PROPOSED DIAMOND DRILLING
VI POINT PROPERTY, BOX ELDER COUNTY, UTAH

1" = 200'

OFFICIAL COPY
O. M. E.
RECEIVED
APR 22 1966
INITIALS | CO. E

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966
DOCKET 6452

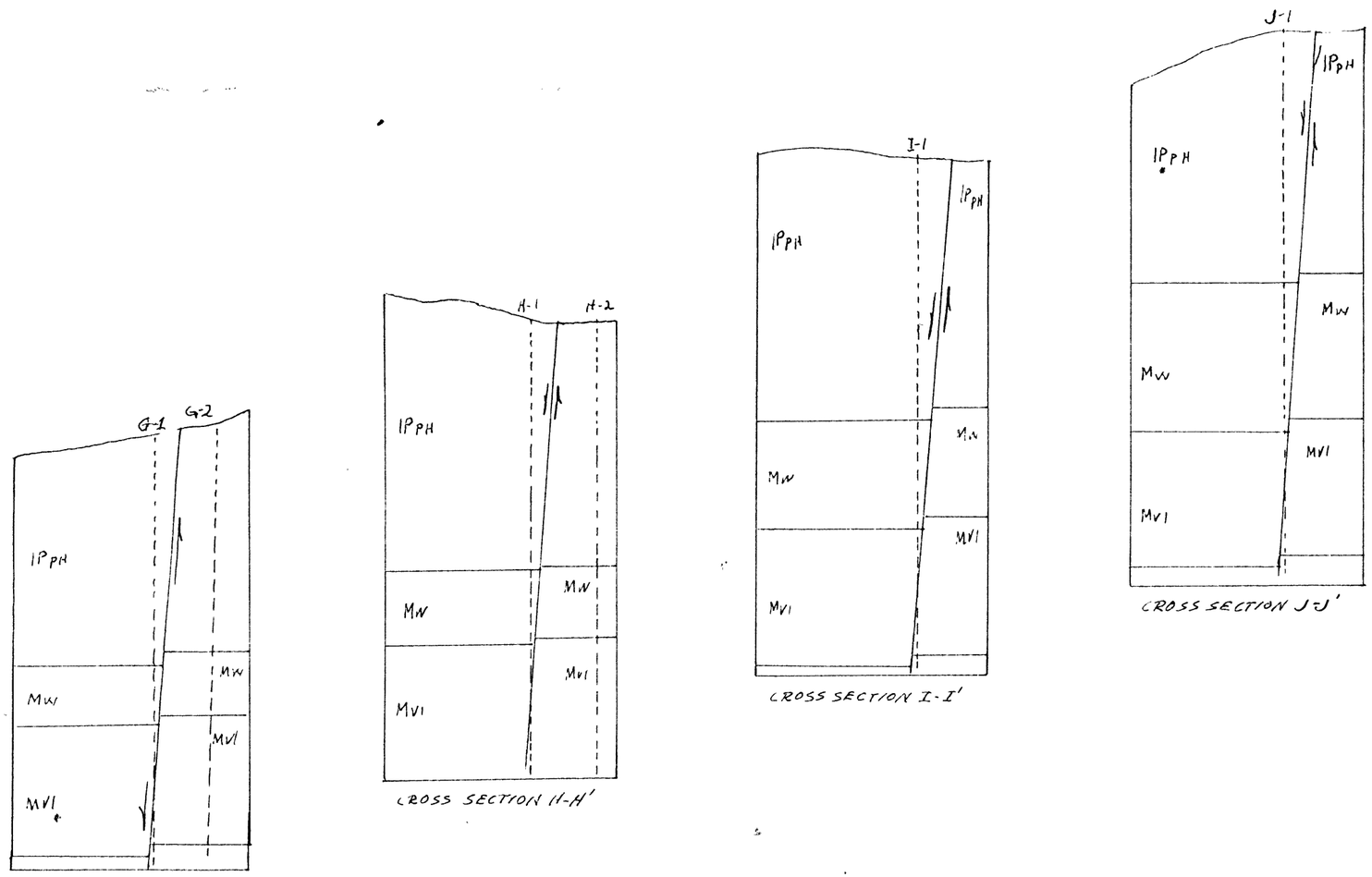


FIGURE-2

CROSS SECTIONS SHOWING PROPOSED DIAMOND DRILLING
VIPONT PROPERTY, BOX ELDER COUNTY, UTAH
SCALE 1" = 200 ft.

OFFICIAL COPY
O. M. E.
RECEIVED
APR 22 1966
INITIALS | DATE

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966 DOCKET G452

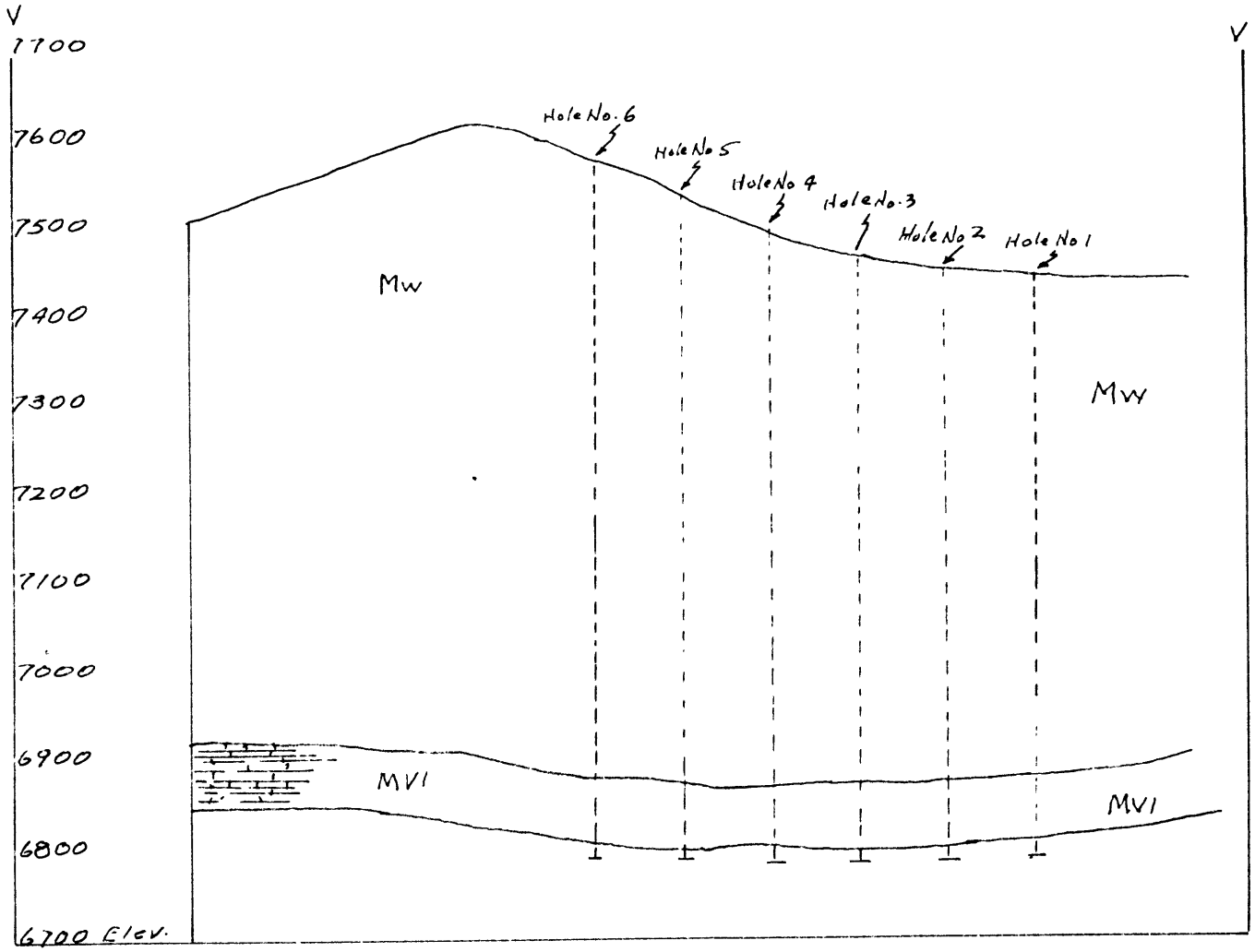


Figure 4 CROSS SECTION SHOWING PROPOSED DIAMOND DRILLING IN THE VIPONT AREA. CROSS SECTION V-V'
VIPONT MINE, BOX ELDER COUNTY, UTAH
SCALE 1" = 200'

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966
DOCKET 6952

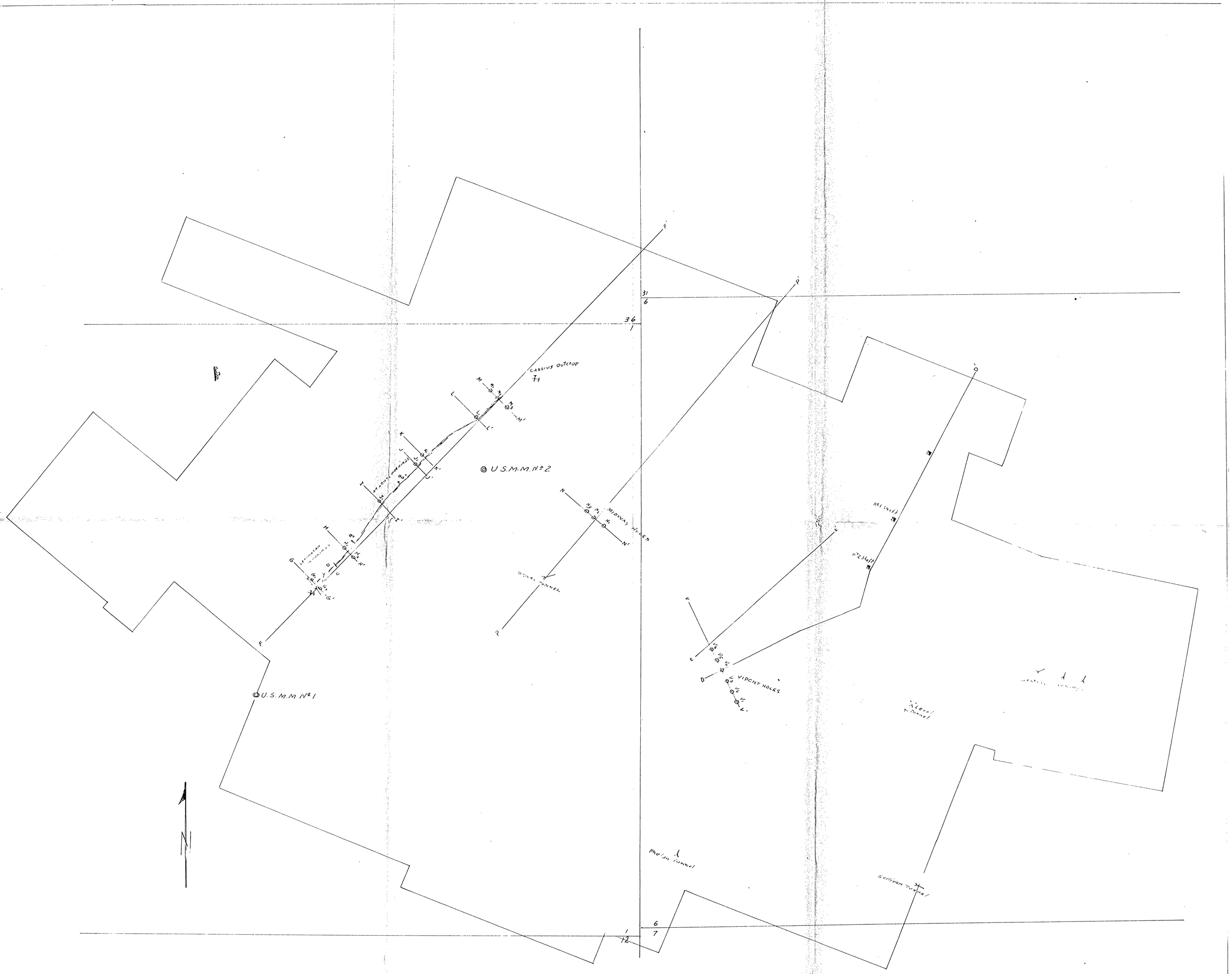


FIGURE-2 PROPOSED EXPLORATION DRILLING ON THE VIPONT PROPERTY, BOX ELDER COUNTY, UTAH

0 400 800 1200
SCALE 1" = 400'

8A

OFFICIAL COPY
O. M. E.
RECEIVED
MAR 22 1966
ORIGINAL | COPY

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
MARCH 1966
DOCKET 6452

FIGURE-1 — CLAIM MAP OF VIPONT PROPERTY
ASHBROOK MINING DISTRICT, BOX ELDER COUNTY UTAH

0 600 1200
SCALE 1" = 400'

2A

GEOLOGICAL AND TOPOGRAPHICAL MAP OF
VIPONT MINE AREA
ASHBROOK MINING DISTRICT
BOX ELDER COUNTY, UTAH
SCALE IN FEET
CONTOUR INTERVAL =10' SEA LEVEL DATUM
GEOLOGY BY
Thomas F. Miller
Charles F. Thomas
August - September 1965
Topography Compiled By Photogrammetric Methods - Nielson Aerial Survey - October 1965
- EXPLANATION -
Trf Tertiary - Porphyritic intrusive rocks; rhyolite
Ti Tertiary - Porphyritic course grained whitish colored granite.
PPph Permian Pennsylvanian - Phelan fm. - Course to finely crystalline light blue grey massive bedded limestone locally cherty.
Unconformity
Mw Mississippian - Wardlaw fm. - Very dark grey to black pyritic shale with lenses of quartzite and dolomite.
Mvi Mississippian - Vipont fm. - Fine grained, crystalline, blue grey limestone locally containing numerous small calcite stringers.
Ms L. Mississippian - Sentinel fm. ? - White to tan sucrose quartzite locally bedded.
Unconformity
Peh Pre-Cambrian - Harrison Series - White to pinkish vitrerous quartzite with considerable mica.
Thrust Fault Dashed where approximately located, dotted where concealed. Sawteeth on upper plate
Contact - Dashed where approximately located, dotted where concealed.
Fault showing dip, dashed where approximately located, dotted where concealed. U-upthrown side, D-downthrown side
- Strike and dip of beds.
- Vertical Shaft
- Prospect
- Portal of adit
Syncline showing axial dip of plunge
Anticline showing axial dip of plunge
- Section corner
- U.S.M.M. United States Mineral Marker
Patented claims boundary
APPROXIMATE MEAN DECLINATION 1959
TRUE NORTH
MAGNETIC NORTH
VIPONT HOLES
MIDWAY HOLE
MIDWAY TUNNEL
PHELAN TUNNEL
Harrison Tunnel
Sullivan Tunnel
Skoro Mine
SENTINEL WORKINGS
"A" LEVEL TUNNEL
No. 1 SHAFT
No. 2 SHAFT
DOLLY CLARK TUNNEL
THIN RHYOLITE DIKE
SILICIFIED CHERTY LIMESTONE
ARGENTA WORKINGS
LEXINGTON WORKINGS
Birch Creek