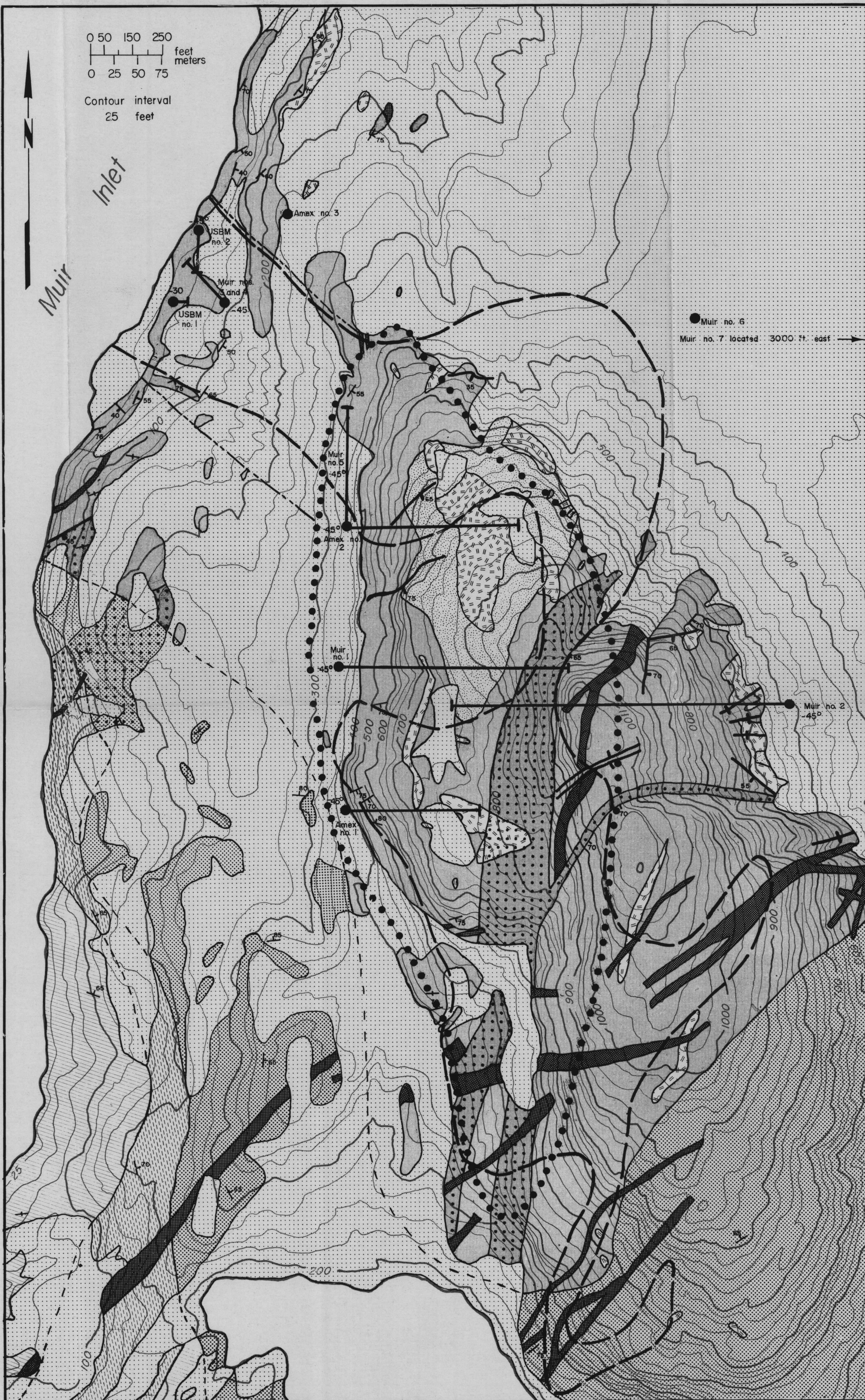


PLATE IV



EXPLANATION

- Glacial till
- Post mineral andesite and monzonite dikes
- Quartz monzonite porphyry
- Limey argillite
- Limestone
- "Cherty" alteration
- Skarn
- Silicified rock
- Contact, dashed where concealed
- Strike and dip of bedding
- Strike of vertical bedding
- Fault, showing dip
- Vertical fault
- Breccia zone, showing dip
- Limit of conspicuous molybdenite (from Twenhofel, 1946, plate 2)
- Limit of inconspicuous molybdenite, excluding the quartz monzonite porphyry (from Twenhofel, 1946, plate 2)
- 100ppm molybdenum contour
- Amex no. 3 Vertical diamond drill hole
- Muir no. 1 Inclined diamond drill hole, projected to horizontal plane, showing bearing and inclination

Assay results given in table C-50

References

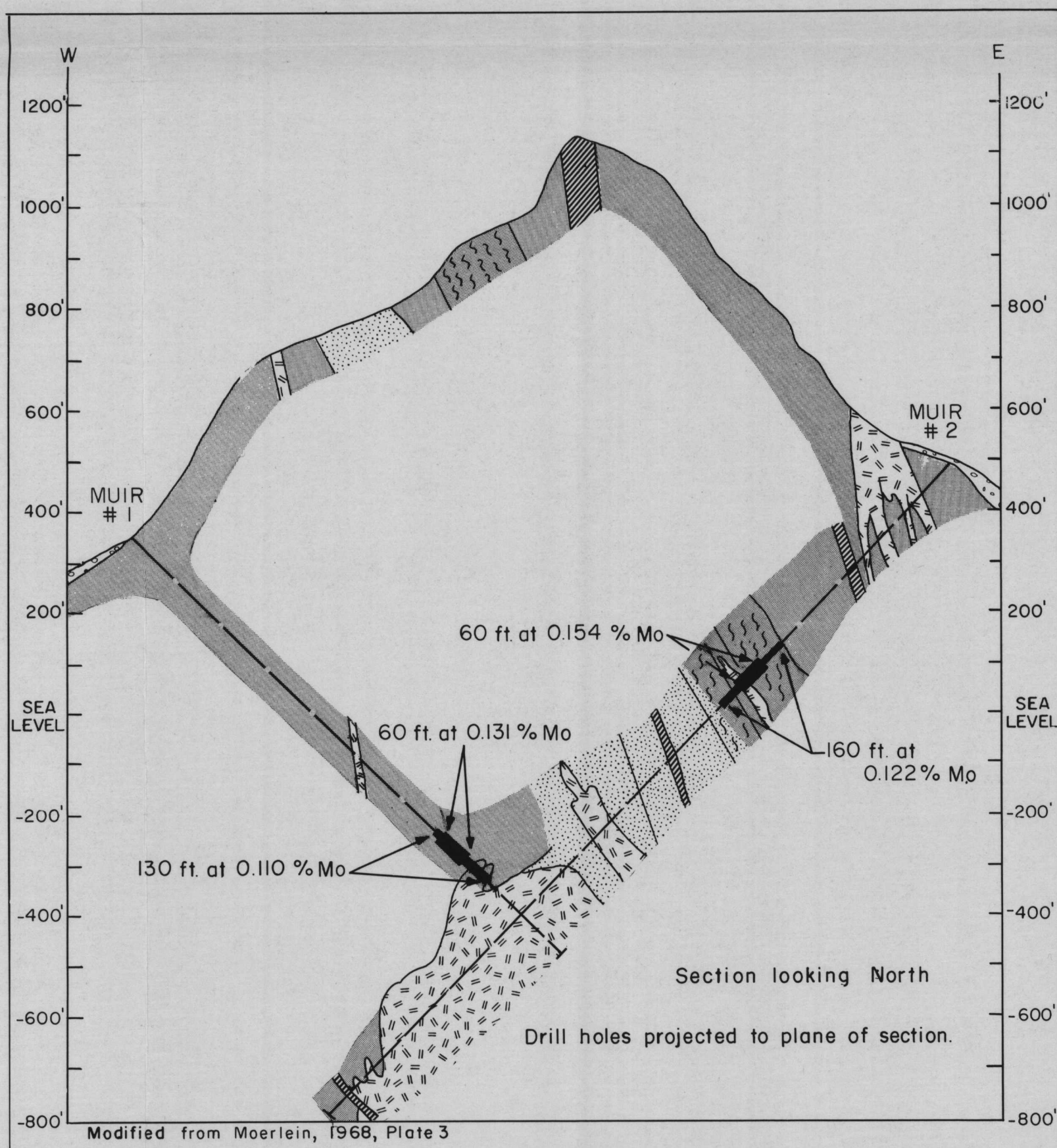
Moerlein, G.A., 1968, Geology and drilling results, Nunatak molybdenum prospect, Walper property, southeastern Alaska: (unpub. rept. available at U.S. Bur. Mines library, Juneau, Alaska)

Twenhofel, W.S., 1946, molybdenite deposits of the Nunatak area, Muir Inlet, Glacier Bay: U.S. Geological Survey Bull. 947-B, plate 2

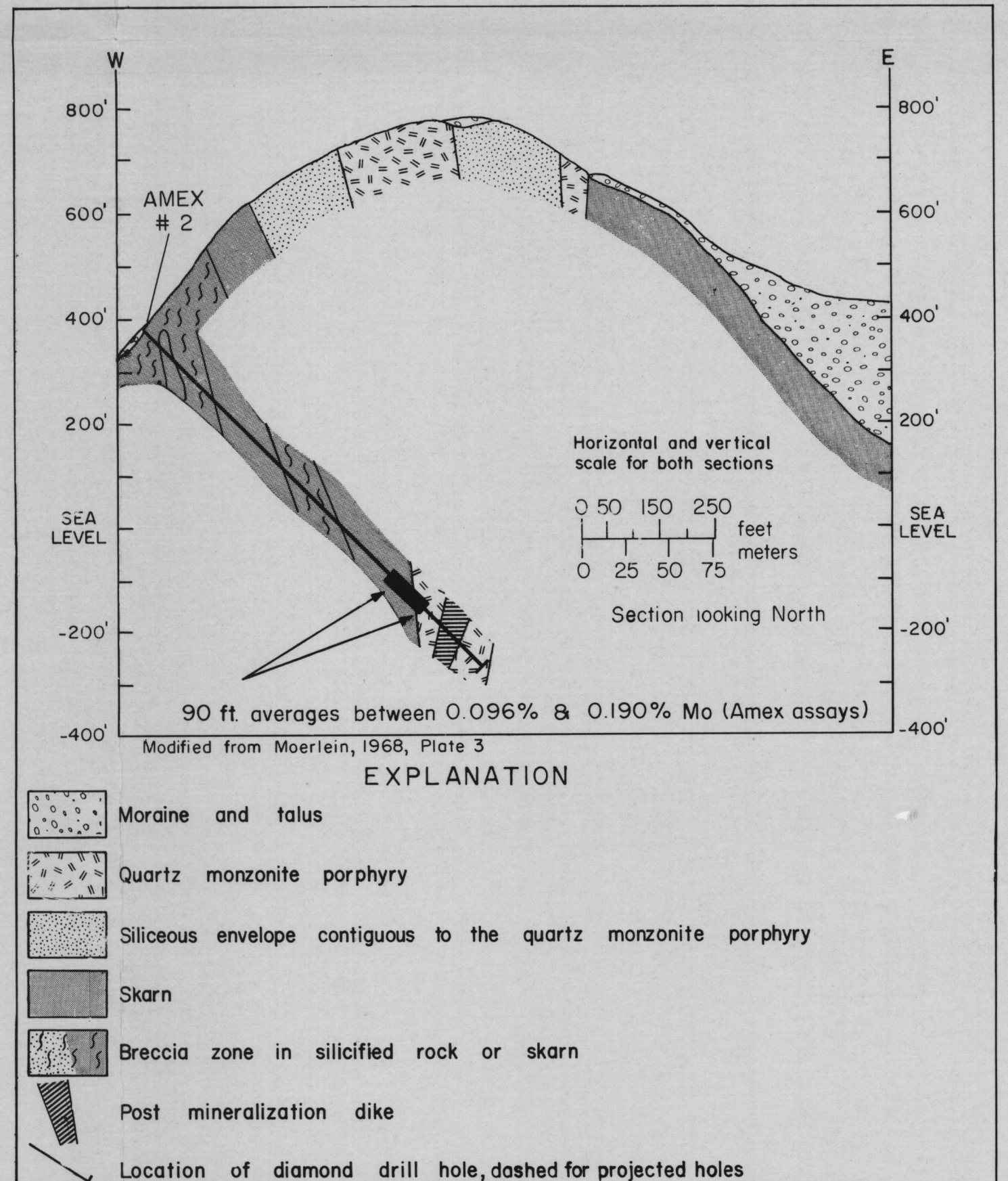
Modified from Moerlein, 1968, plate 2

Cartography by Scott W. Guthrie

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.



SECTION A



SECTION B