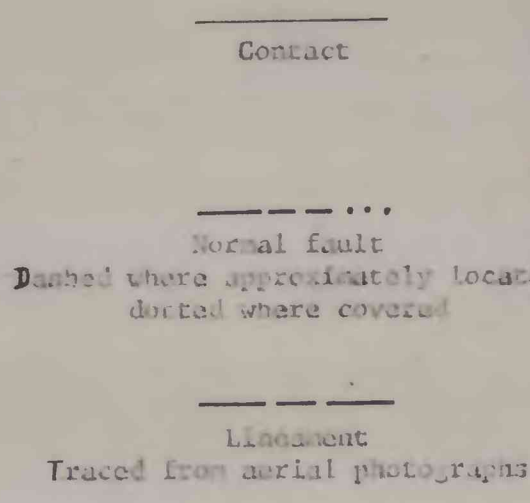
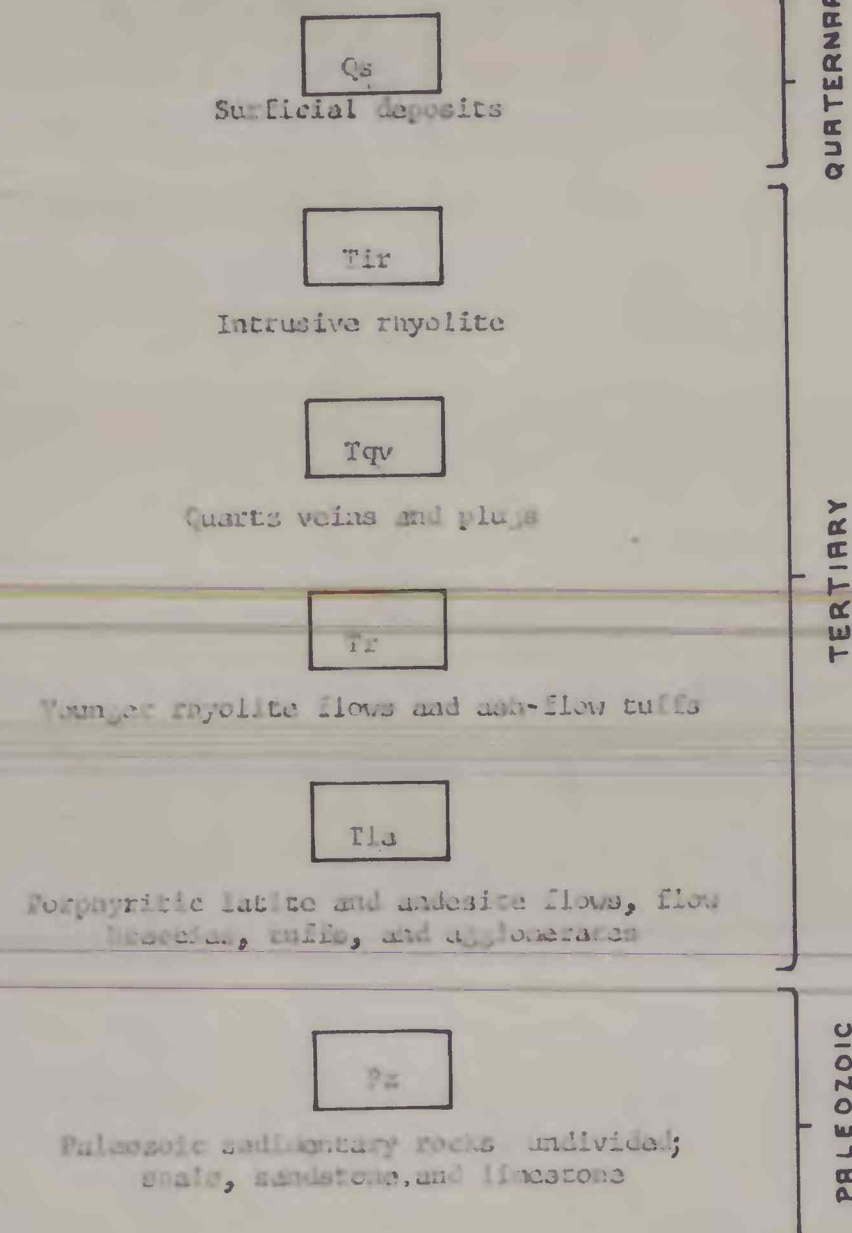
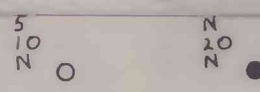


EXPLANATION

OPEN FILE 1972
MOLYBDENUM DISTRIBUTION,
MONTICELLO AND SIERRA
FIJARDO QUADRANGLES,
SOCORRO AND SIERRA
COUNTIES, N. MEX., BY
W. R. GRIFFITHS, H. V.
ALMINAS, AND E. L. MOSIER
SHEET 3 OF 3



Molybdenum contents of three sample types (<80, M-1, NM-1) are given at each sample location. The <80 sample consists of material finer than 0.177 mm sieved from the total stream sediment. The other two sample types are portions of stream-sediment panned concentrates with a specific gravity higher than that of bromoform. The M-1 fraction is that portion of such material not magnetic at 0.1 ampere, but magnetic at a 1.0-ampere setting on a Frantz Isodynamic Separator (forward slope 25°, side slope 15°). The portion that is not magnetic at a 1.0-ampere setting is labeled NM-1



Stream-sediment sample
Showing spectrographically determined molybdenum content in parts per million. Top number, molybdenum value of the <80 fraction; middle number, molybdenum value of the M-1 fraction; bottom number, molybdenum value of the NM-1 fraction. N, molybdenum value below detection limit. L, molybdenum detected but below 5 parts per million. Dash, missing value. Filled circle indicates sample containing at least 20 parts per million molybdenum in the M-1 fraction

— 10 —

Isopleth
Approximately delineating areas containing at least 10 parts per million molybdenum in the M-1 fraction of stream sediments

U.S. Geological Survey
OPEN FILE REPORT
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards.

HISTOGRAMS SHOWING MOLYBDENUM DISTRIBUTION

