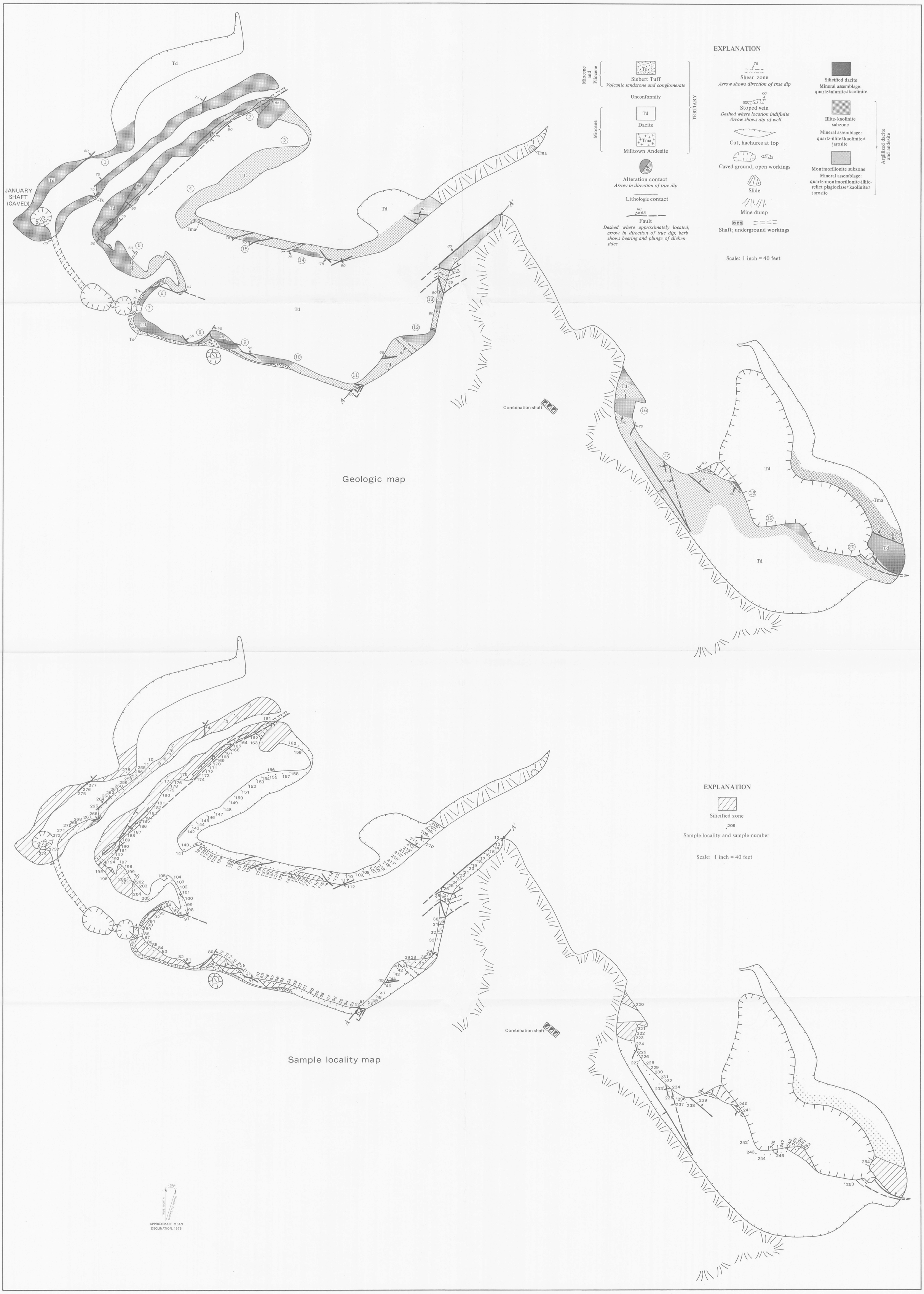

Geologic map

Sample locality map

EXPLANATION

Miocene and Pliocene
Ts — Siebert Tuff
Volcanic sandstone and conglomerate

Unconformity

Miocene
Td — Dacite
Tma — Milltown Andesite

TERTIARY

Alteration contact
Arrow in direction of true dip

Lithologic contact

Fault
Dashed where approximately located; arrow in direction of true dip; barb shows bearing and plunge of slickensides

Shear zone
Arrow shows direction of true dip

Stoped vein
Dashed where location indifinite
Arrow shows dip of well

Cut, hachures at top

Caved ground, open workings

Slide

Mine dump

Shaft; underground workings

Scale: 1 inch = 40 feet

Silicified dacite
Mineral assemblage: quartz±alunite±kaolinite

Illite-kaolinite subzone
Mineral assemblage: quartz-illite±kaolinite±jarosite

Montmorillonite subzone
Mineral assemblage: quartz-montmorillonite-illite-relict plagioclase±kaolinite±jarosite

Argillized dacite and andesite

EXPLANATION

Silicified zone

209 Sample locality and sample number

Scale: 1 inch = 40 feet

APPROXIMATE MEAN DECLINATION, 1975
TRUE NORTH
MAGNETIC NORTH

Base map by J. P. Albers, assisted by D. H. Whitebread and L. D. Schultz, 1966

Geology by J. P. Albers and R. P. Ashley, 1967

GEOLOGIC AND SAMPLE LOCALITY MAPS OF THE COMBINATION–JANUARY OPENCUTS, GOLDFIELD, NEVADA

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