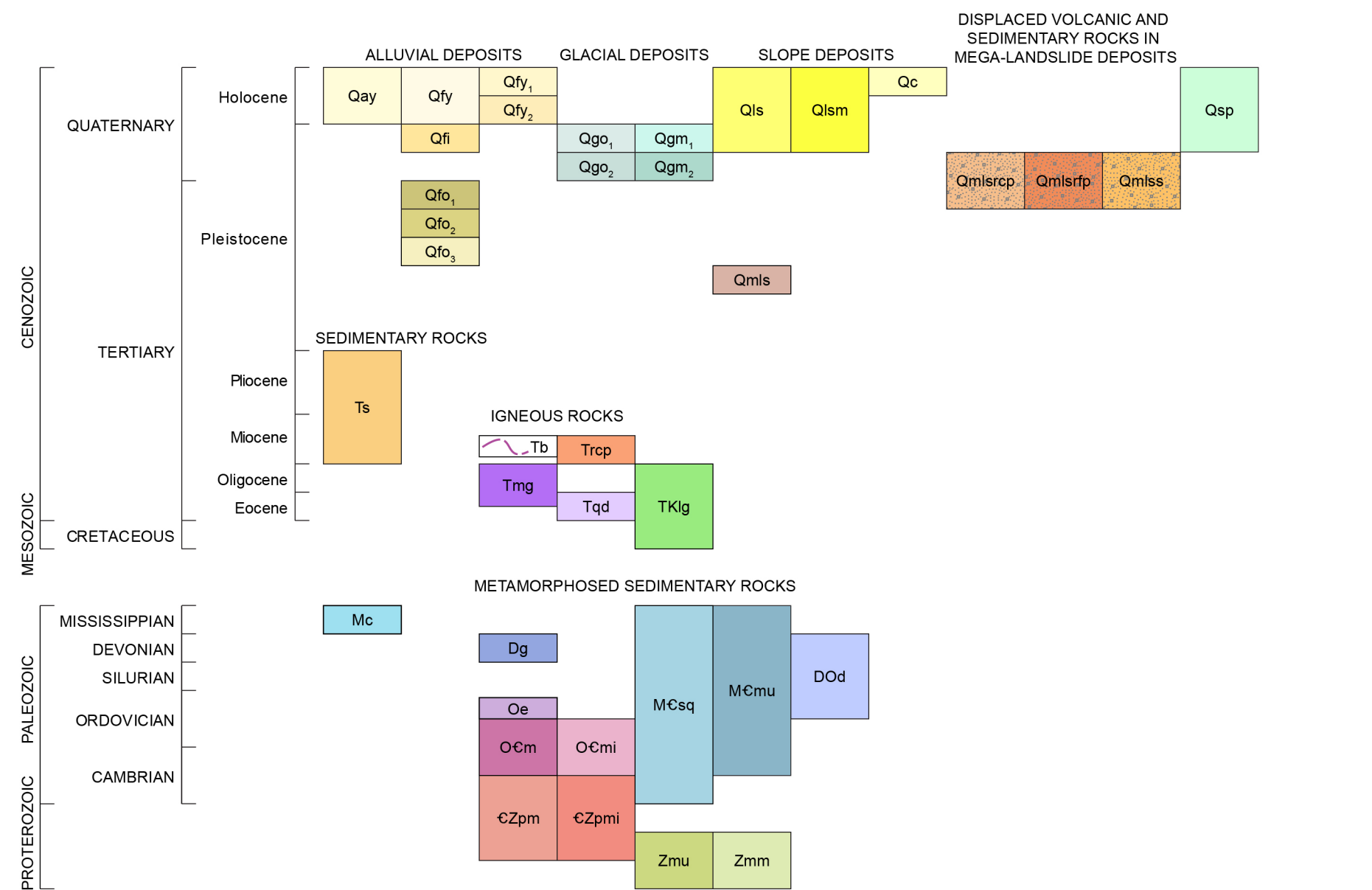


QUATERNARY DEPOSITS	
Qc	Colluvium (Holocene)
Qls	Landslide deposits (Holocene to Pleistocene)
Qlm	Slide block of marble in landslide deposit (Holocene to Pleistocene)
Qay	Active alluvium (Holocene)
Qly	Youngest alluvial-fan deposits (late Holocene)
Qly	Young alluvial-fan deposits (middle to early Holocene)
Qly	Young alluvial-fan deposits, undivided (Holocene)
Qli	Intermediate-aged alluvial-fan deposits (late Pleistocene)
Qgo	Glacial outwash deposits (late Pleistocene)
Qgm	Glacial moraine deposits (late Pleistocene)
Qgo	Glacial outwash deposits (middle Pleistocene)
Qgm	Glacial moraine deposits (middle Pleistocene)
Qsp	Sag pond (Holocene to Pleistocene)
Qmms	Slide block of coarsely porphyritic rhyolite in Quaternary mega-landslide deposit (middle Pleistocene?)
Qmls	Slide block of finely porphyritic rhyolite in Quaternary mega-landslide deposit (middle Pleistocene?)
Qmls	Slide block of tuffaceous sedimentary rock in Quaternary mega-landslide deposit (middle Pleistocene?)
Qli	Older alluvial-fan deposits (middle Pleistocene)
Qli	Older alluvial-fan deposits (middle Pleistocene)
Qli	Older alluvial-fan deposits (middle Pleistocene)
Qmls	Mega-landslide deposit (middle Pleistocene?)
TERTIARY SEDIMENTARY ROCKS	
Ts	Tertiary sedimentary rocks, undivided (Pliocene to Miocene)
CENOZOIC AND CRETACEOUS IGNEOUS ROCKS	
Tb	Aphyric basaltic dikes (middle Miocene)
Trcp	Coarsely porphyritic rhyolite [Larbridge-type rhyolite] (Miocene)
Trng	Biotite monzogranite orthogneiss (early Oligocene to middle Eocene)
Tqd	Hornblende-biotite quartz dioritic orthogneiss (middle Eocene)
Trkg	Leucogranite and leucogranitic orthogneiss (Oligocene to Cretaceous)
PALEOZOIC SEDIMENTARY ROCKS	
Mc	Conglomerate and shale (Mississippian)
METAMORPHOSED PALEOZOIC AND NEOPROTEROZOIC SEDIMENTARY ROCKS	
MCsq	Schist and quartzite paragneiss (Mississippian to Cambrian)
MCmu	Marble, undivided (Mississippian to Cambrian)
Dg	Guilmette Formation (Devonian)
Dod	Dolomite and marble (Devonian to Ordovician)
Oe	Metamorphosed Eureka Quartzite (Ordovician)
OCm	Impure calcite marble (Ordovician to Cambrian)
OCm	Intruded impure calcite marble (Ordovician to Cambrian)
CZpm	Metamorphosed Prospect Mountain Quartzite (Cambrian to Neoproterozoic) and McCoy Creek Group (Neoproterozoic)
CZpm	Intruded metamorphosed Prospect Mountain Quartzite (Cambrian to Neoproterozoic) and McCoy Creek Group (Neoproterozoic)
Znu	Metamorphosed McCoy Creek Group, undivided (Neoproterozoic)
Zmn	McCoy Creek Group marble (Neoproterozoic)

NW Some thin Q units have been omitted.

SE



Contact Solid where certain, dashed where approximately located.

Fault Dashed where approximately located, dotted where concealed; queried if identity or existence uncertain.

Normal fault Dashed where approximately located, dotted where concealed; queried if identity or existence uncertain. Showing dip, ball on downthrown side; diamond tipped arrow indicates bearing and plunge of slickenside. In cross section, arrows show relative motion.

Detachment fault Dashed where approximately located, dotted where concealed. Features on upper plate.

Thrust fault Dashed where approximately located, queried if identity or existence uncertain. Sawtooth on upper plate.

Landslide scarp Solid where certain. Hashmarks point downscarp.

Sag pond on landslide Solid where certain.

Glacial moraine crests

Anticline Dashed where approximately located.

Syncline Dashed where approximately located.

Strike and dip of bedding

Inclined

Strike and dip of igneous foliation

Inclined

Strike and dip of metamorphic foliation

Inclined

Bearing and plunge of stretching lineation

Bearing and plunge of glacial striation

Bearing and plunge of minor fold

Geochronology sample point Label shows sample name.

AZ00

Geochronology sample point Label shows sample name.

1205 12Be cosmogenic nuclide exposure date

H14-52 Argon

860720 Zircon

A' Line of cross section

GEOLOGIC MAP OF THE NORTH HALF OF THE TENT MOUNTAIN QUADRANGLE, ELKO COUNTY, NEVADA

Andrew V. Zuza¹, Seth Dee¹, and Benjamin J.C. Laabs²¹Nevada Bureau of Mines and Geology, University of Nevada, Reno²Department of Geosciences, North Dakota State University
2020

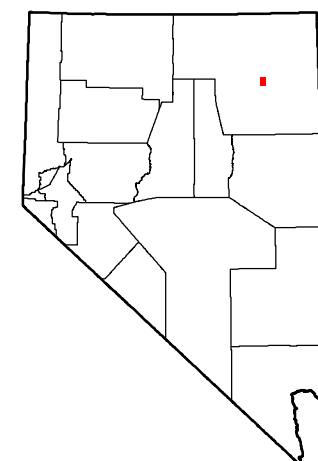
Suggested citation:
Zuza, A.V., Dee, S., and Laabs, B.J.C., 2020, Geologic map of the north half of the Tent Mountain quadrangle, Elko County, Nevada: Nevada Bureau of Mines and Geology Open-File Report 20-3, scale 1:24,000, 16 p.

UTM GRID AND
2017 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

Adjoining 7.5' quadrangle names

1	2	3
4	5	6
7	8	9

- Death
- Herder Creek
- Welcome
- Heffly Creek
- Tent Mountain
- Humboldt Peak
- Soldier Peak
- Starr Valley
- Gordon Creek



See accompanying text for full unit descriptions and references for this map.

Scale 1:24,000

0 0.5 1 kilometer

0 0.5 1 mile

0 1000 2000 3000 4000 5000 feet

CONTOUR INTERVAL 40 FEET

Projection: Universal Transverse Mercator, Zone 11,

North American Datum 1983 (m)

Base map: U.S. Geological Survey Tent Mountain

7.5' quadrangle (2018)