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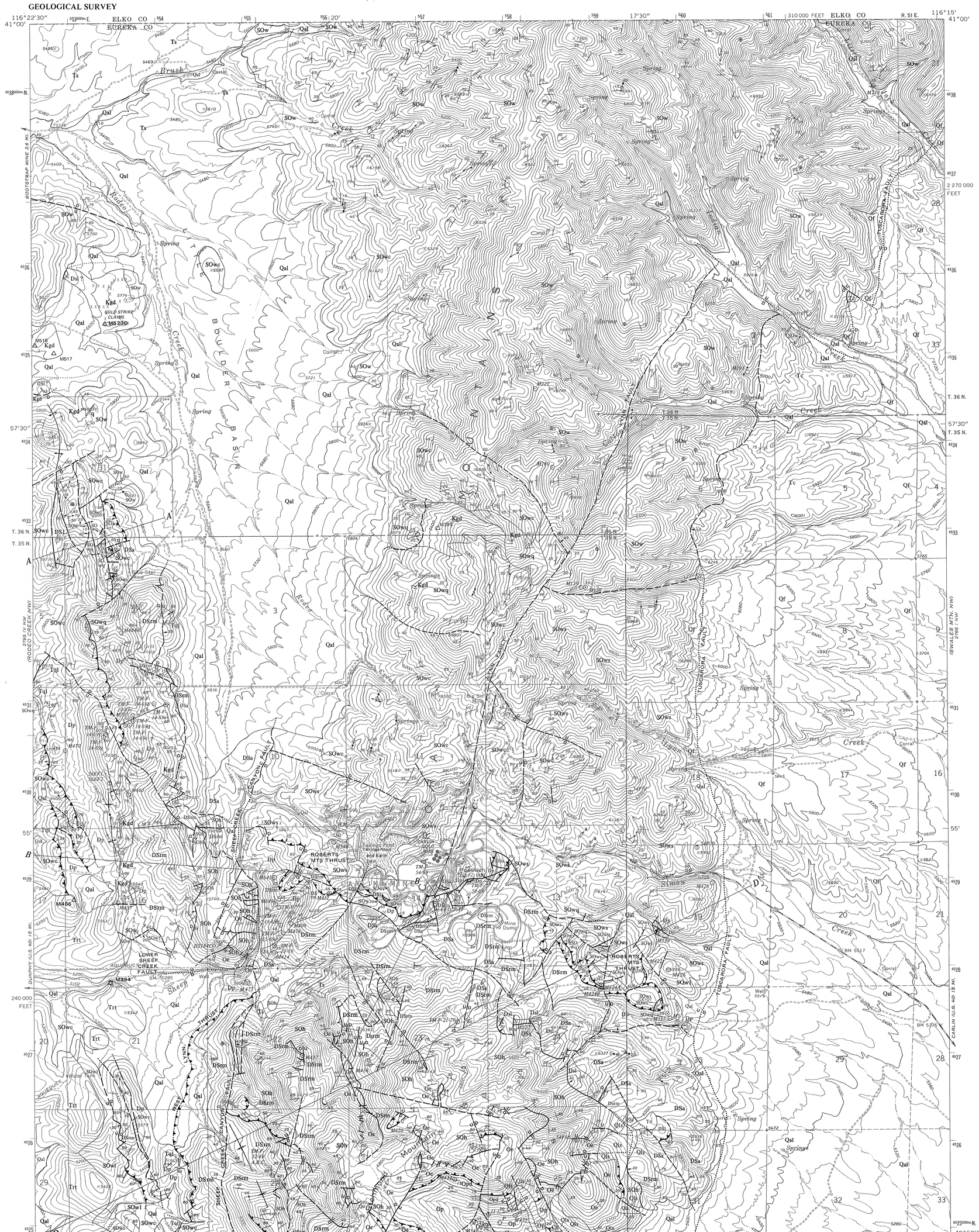
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1473
PLATE 1



Base from U.S. Geological Survey, 1968

Geology mapped in 1968-71

SCALE 1:24 000

1 ⅛ 0 1 MILE

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

APPROXIMATE MEAN DECLINATION, 1960
TRUE NORTH
MAGNETIC NORTH
17°

NEVADA
QUADRANGLE LOCATION

EXPLANATION*

- Qal — Alluvium
- Qls — Landslide deposits
- Qf — Fanglomerate

QUATERNARY

- Ts — Siltstone
- Tc — Carlin Formation of Regnier (1960)
- Trt — Rhyolitic welded tuff

Lower Pliocene and (or) middle Miocene

- Tib — Intrusive breccia
- Tql — Quartz latite
- Tgd — Granodiorite

Lower Oligocene or upper Eocene

TERTIARY

- a | q — Andesite and quartz veins

TERTIARY OR OLDER

- TKrd — Rhyodacite

TERTIARY OR CRETACEOUS

- Kqm — Quartz monzonite
- Kgd — Granodiorite

CRETACEOUS

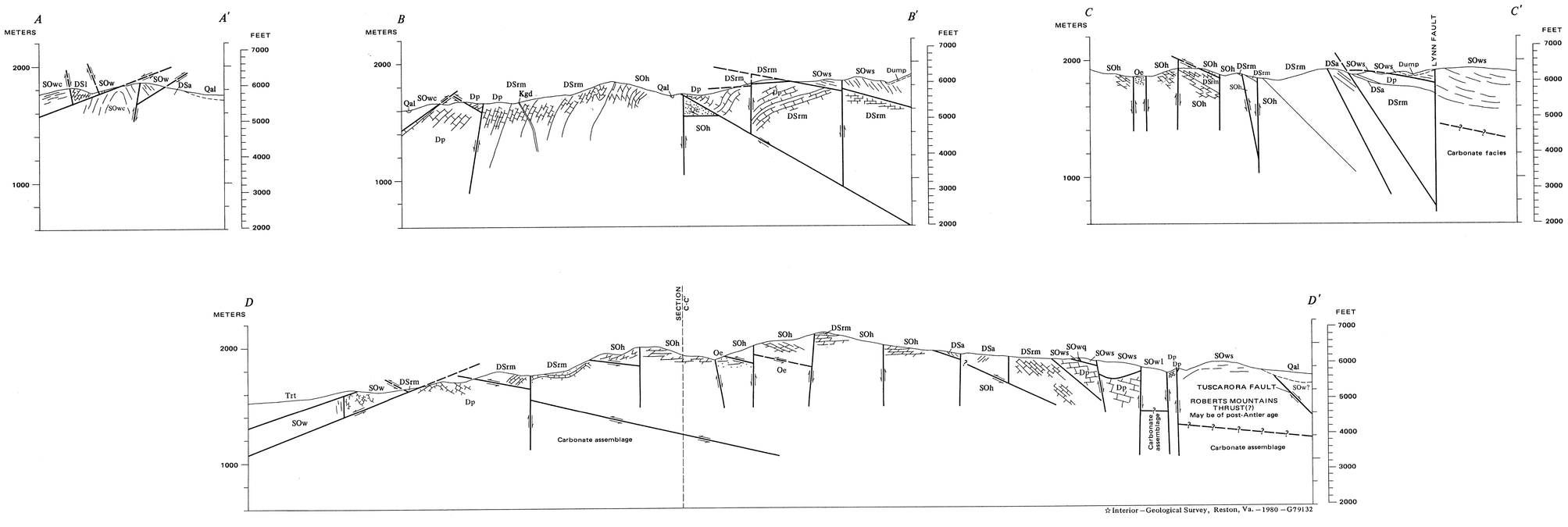
- b — Basalt

MESOZOIC OR PALEOZOIC

SILICEOUS (WESTERN) ASSEMBLAGE	TRANSITIONAL ASSEMBLAGE	CARBONATE (EASTERN) ASSEMBLAGE
	Dl — Unnamed limestone with chert clasts and thin chert and shale horizons — Upper Devonian	Dp — Popovich Formation — DEVONIAN
		DSl | DSa — Undifferentiated limestone: DSl, *limestone*; DSa, *hydrothermally altered, chiefly silicified limestone* — DEVONIAN AND SILURIAN
		DSrm — Roberts Mountains Formation
SOw, SOwq, SOwc, SOws, SOwl — Chert and shale: SOw, *chert and shale, undivided*; SOwq, *quartzite*; SOwc, *chert*; SOws, *shale*; SOwl, *limestone* — SILURIAN AND ORDOVICIAN	DSO — Brecciated and altered carbonate rock	SOhl | SOh — Hanson Creek Formation: SOh, *dolomite*; SOhl, *limestone* — SILURIAN AND ORDOVICIAN
		Oe — Eureka Quartzite
		Op | Opd — Pogonip Group: Op, *limestone*; Opd, *dolomite* — ORDOVICIAN
		Ch — Hamburg Dolomite — CAMBRIAN

- Contact — *Approximately located. Dotted where concealed*
- Fault, showing dip — *Dashed where approximately located; dotted where concealed; queried where uncertain. Arrows show direction of relative movement. U, upthrown side; D, downthrown side*
- Thrust fault, showing dip — *Dashed where approximately located; dotted where concealed; queried where uncertain. Sawteeth on upper plate*
- Trace of antiformal crest, showing plunge
- Trace of synformal hinge zone
- Minor anticline, showing plunge
- Minor syncline, showing plunge
- Inclined | Overturned | Vertical | Horizontal — Strike and dip of beds
- Inclined | Horizontal — Trend and plunge of minor folds — *May be combined with other symbols*
- L218 — Fossil locality
- 54F68 — Fossil locality approximately located from Roberts and others (1967) or Roen (1961)
- 55 L317 — Fossil locality where bedding attitude was measured
- M466 — Location of analyzed sample
- M394 — Location of radiometrically dated sample
- LMS — Line of measured stratigraphic section
- Mine dump

*Note: This composite explanation includes all units and symbols shown on plates 1 and 2. Some units appear on both maps, some on only one



GEOLOGIC MAP OF THE RODEO CREEK NE QUADRANGLE, NEVADA

☆Interior—Geological Survey, Reston, Va.—1980—G79132