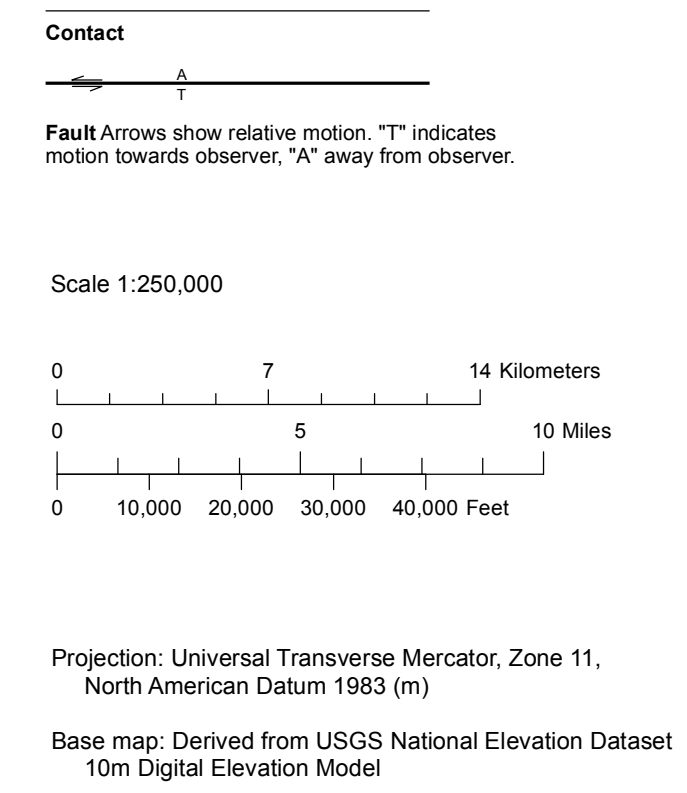
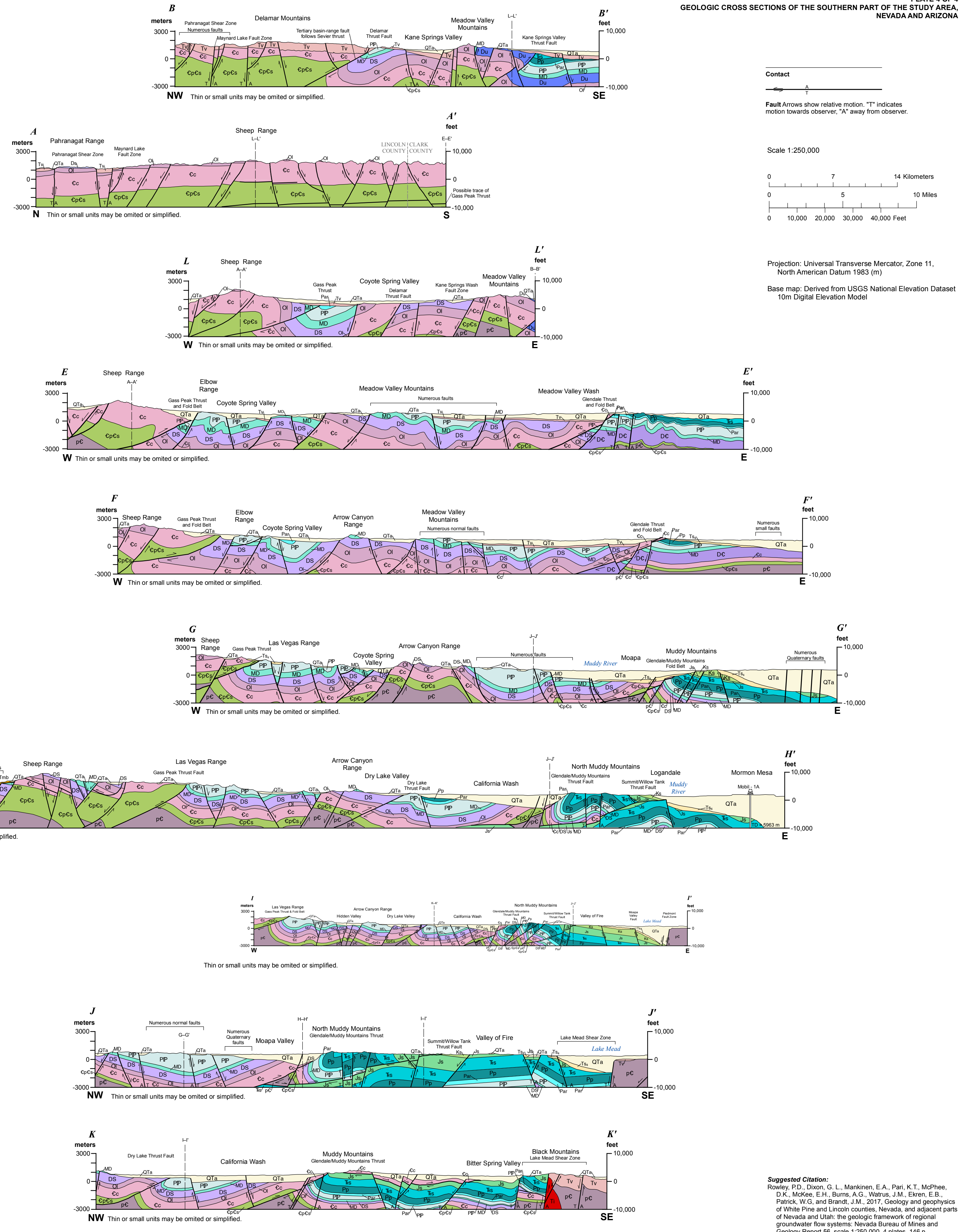
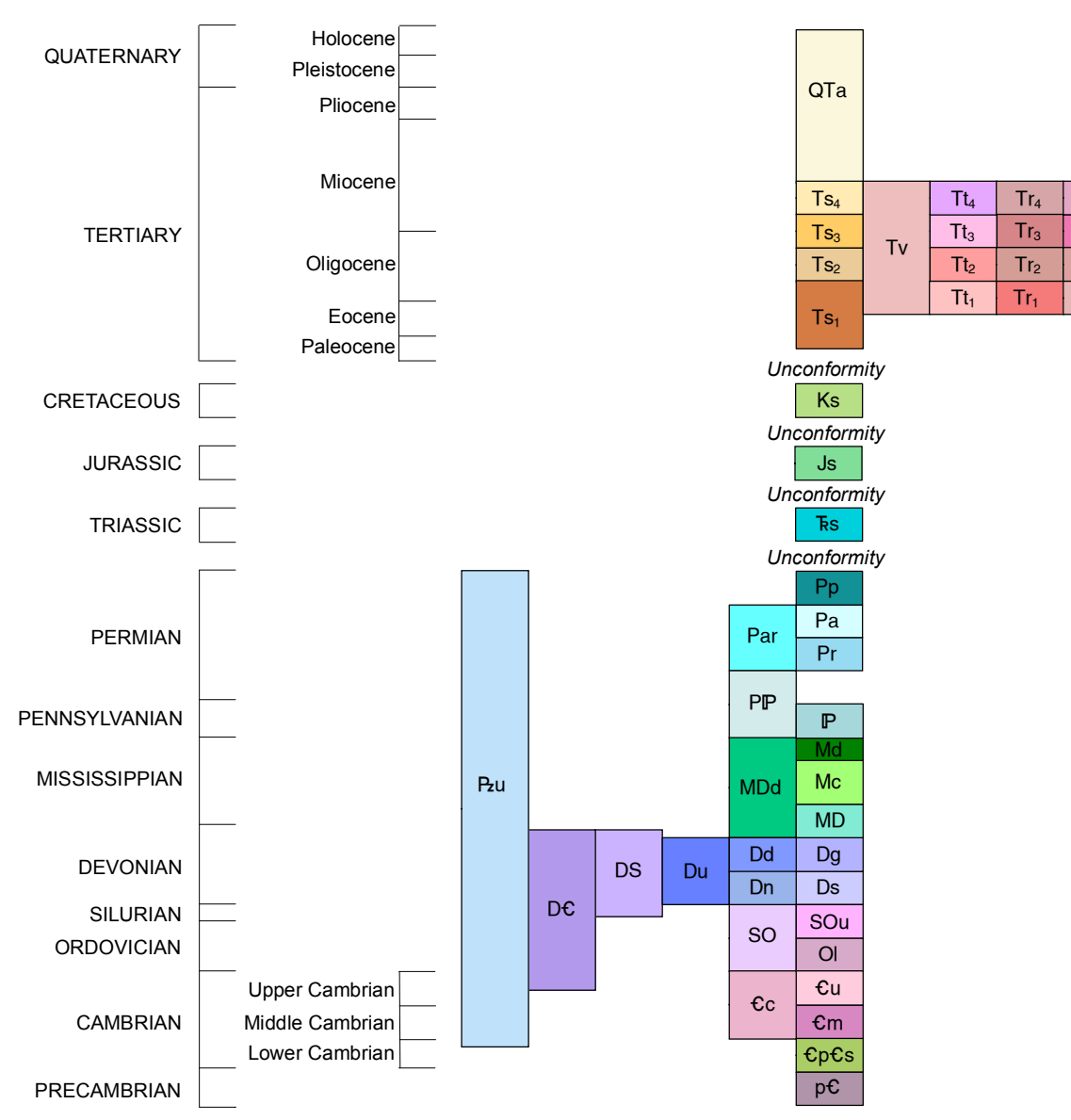


QTA	Surficial and basin-fill deposits (Holocene to lower Miocene)
QTb	Basalt lava flows (Holocene to lower Miocene)
Ts4	Sedimentary rocks, unit 4 (Miocene)
Ts3	Sedimentary rocks, unit 3 (plate 1 and cross sections) (Miocene to Oligocene)
Ts2	Sedimentary rocks, unit 2 (plate 1 and cross sections) (Oligocene)
Ts1	Sedimentary rocks, unit 1 (Oligocene to Upper Cretaceous?)
Tv	Volcanic rocks, undivided (cross sections only) (Miocene to Eocene)
Tl4	Ash-flow tuff and interbedded ash-fall tuff, unit 4 (Miocene)
Tl3	Ash-flow tuff and interbedded ash-fall tuff, unit 3 (Miocene to Oligocene)
Tl2	Ash-flow tuff and interbedded ash-fall tuff, unit 2 (Oligocene)
Tl1	Ash-flow tuff and interbedded ash-fall tuff, unit 1 (plate 1 and cross sections) (Oligocene to Eocene)
Tr4	Rhyolite lava flows, unit 4 (plate 1 and cross sections) (Miocene)
Tr3	Rhyolite lava flows, unit 3 (plate 1 and cross sections) (Miocene to Oligocene)
Tr2	Rhyolite lava flows, unit 2 (plate 1 and cross sections) (Oligocene)
Tr1	Rhyolite lava flows, unit 1 (plate 1 and cross sections) (Oligocene to Eocene)
Ta4	Intermediate-composition lava flows, unit 4 (Miocene)
Ta3	Intermediate-composition lava flows, unit 3 (Miocene to Oligocene)
Ta2	Intermediate-composition lava flows, unit 2 (plate 1 and cross sections) (Oligocene)
Ta1	Intermediate-composition lava flows, unit 1 (plate 1 and cross sections) (Oligocene to Eocene)
Tmb	Megabreccia (Miocene to Oligocene)
Ti	Intrusive rocks (Miocene to Paleocene)
TKi	Intrusive rocks (Miocene to Cretaceous)
Ki	Intrusive rocks (plate 1 and cross sections) (Upper Cretaceous)
Ks	Sedimentary rocks, undivided (Upper and Lower Cretaceous)
Ji	Intrusive rocks (plate 1 and cross sections) (Jurassic)
Js	Sedimentary rocks, undivided (plate 2 only) (Jurassic)
Ts	Sedimentary rocks, undivided (Triassic)
Pu	Sedimentary rocks, undivided (cross section only) (Paleozoic)
Pp	Park City Group, undivided (Permian)
Par	Arcturus Formation and Rib Hill Sandstone, undivided (Permian)
Pa	Arcturus Formation (plate 1 and cross sections) (Permian)
Pr	Rib Hill Sandstone (plate 1 and cross sections) (Lower Permian)
PP	Riepe Spring Limestone and Ely Limestone, undivided (Lower Permian to Pennsylvanian)
P	Ely Limestone (plate 1 and cross sections) (Pennsylvanian)
MDd	Diamond Peak Formation, Chainman Shale, Joana Limestone, and Pilot Shale, undivided (plate 1 and cross sections) (Upper Mississippian to Upper Devonian)
MD	Diamond Peak Formation (Upper Mississippian)
Mc	Chainman Shale (Upper Mississippian)
MD	Joana Limestone and Pilot Shale, undivided (Lower Mississippian to Upper Devonian)
DC	Carbonate and clastic rocks, undivided (plate 1 and cross sections) (Devonian to Upper Cambrian)
DS	Sedimentary rocks, undivided (Devonian to Silurian)
Du	Carbonate sedimentary rocks, undivided (Devonian)
Dd	Devils Gate Formation (plate 1 and cross sections) (Upper to Middle Devonian)
Dg	Gulimette Formation (plate 1 and cross sections), (Upper to Middle Devonian)
Dn	Nevada formation (plate 1 and cross sections) (Middle to Lower Devonian)
Ds	Simonson Dolomite and Sevy Dolomite, undivided (plate 1 and cross sections) (Middle to Lower Devonian)
SO	Sedimentary rocks, undivided (cross sections only) (Silurian to Ordovician)
SOu	Dolomite, upper part, undivided (Silurian to Upper Ordovician)
Oi	Dolomite, lower part, undivided (Middle to Lower Ordovician)
Cc	Carbonate sedimentary rocks, undivided (Cambrian)
Cu	Limestone and shale, upper part, undivided (Lower Ordovician? to Upper Cambrian)
Cm	Limestone and shale, middle part, undivided (Upper to Middle Cambrian)
CpCs	Sedimentary rocks, lower part (Middle Cambrian to Neoproterozoic)
pC	Metamorphosed and crystalline basement rocks (Neoproterozoic to Paleoproterozoic)

See report for full unit descriptions and references for this map.



GEOLOGIC CROSS SECTIONS OF THE SOUTHERN PART OF THE STUDY AREA, NEVADA AND ARIZONA

PLATE 4 of 4

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