

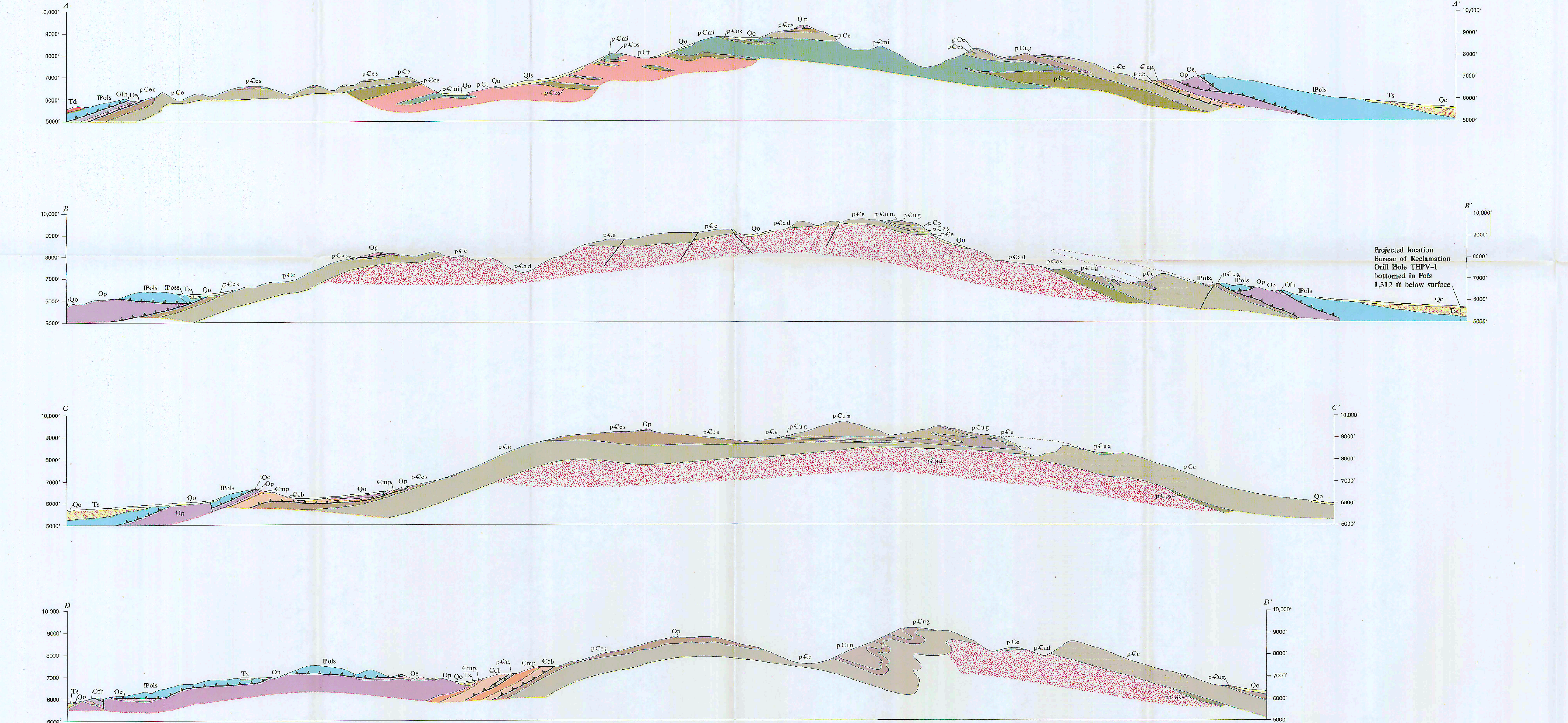
**CORRELATION OF MAP UNITS**

Quaternary	Quaternary
Tertiary	Upper Miocene
	Miocene?
	Unconformity
Pennsylvanian	Pennsylvanian
Mississippian	Mississippian
	Unconformity
Ordovician	Ordovician
	Unconformity
Cambrian?	Cambrian?
	Unconformity
PreCambrian?	PreCambrian?
	Unconformity
PreCambrian	PreCambrian

**DESCRIPTION OF MAP UNITS**

Qp	MODERN ALLUVIUM — Silty sand and gravel
Qa	LANDSLIDE DEPOSITS — Unconsolidated silty sand (locally) and clay
Qc	FRESH ALLUVIUM AND OTHER DEPOSITS — Sand, gravel, and clay
Tm	TAHOE — Gneiss with oligoclase and pyroxene phenocrysts
Ts	MUDSTONE, SANDSTONE, AND CONGLOMERATE — Moderately indurated, commonly silty. Some limestone
Td	DIABASE — Freshly unaltered dark rock
Tm	MINNETTE — Fine-grained dark rock
Qul	QUILLER FORMATION (Prestonite)
Pp	Fine-grained calcareous sandstone and calcarenite
Pc	Cherty gray shale (interstratified limestone)
Pm	Cherty and silty shale (interstratified limestone)
Pst	METAMORPHIC CHAINMAN OR DIAMOND PEAK FORMATION (Mississippian) — Cherty dark phyllite and carbonaceous limestone
Or	METAMORPHIC FISH HAVEN/DOLMITE (Ordovician) — Cherty limestone
Oq	METAMORPHIC EUREKA QUARTZITE (Ordovician) — Thin bedded quartzite. Locally interbedded
Og	METAMORPHIC GARDNER GROUP (Ordovician) — Cherty meta-siltstone, with calcareous matrix, quartzite, and phyllite
Os	SCHIST OF MARGOLYAN PEAKS — Banded gray to black schist
Co	QUARTZITE OF CLARK BASIN — Fluffy gray to white quartzite
Pcs	SCHIST OF STEVENS SPRING — Fine quartz — muscovite schist with phyllite lenses, layers of hornblende schist
Pgr	METAMORPHIC GRANITE PORPHYRY — Fine-grained rock with K-feldspar phenocrysts
Pch	SCHIST OF THE UPPER NARROWS
Pms	Mylonite — quartz schist with lenses of phyllite, muscovite-feldspar-quartz schist, and calcareous schist
Pst	Lower member: biotite and feldspathic fine-grained gneiss and calcareous schist
Pst	Upper member: biotite and feldspathic fine-grained gneiss and calcareous schist
Pst	White to green quartzite, muscovite schist, and hornblende schist
Pst	Schist member: fine-grained meta-feldspar-quartz schist. Distinctly laminated
Pst	METAMORPHIC ADAMELLIITE — Gneiss to gneissous, locally porphyritic biotite schist
Pst	METAMORPHIC TRONDHJEMITE AND PEGMATITE — White to grayish to grayish quartz and feldspar schist
Pst	METAMORPHIC MAFIC IGNEOUS ROCKS — Dark hornblende schist and amphibolite
Pst	OLIGOCENE — Fine meta-feldspar quartz schist and metachert. K-feldspar phenocrysts

Base from U.S. Geological Survey 1:62,500, 1959  
 1:50,000 scale map used on Utah coordinate system, north zone, and Idaho coordinate system, central zone  
 1:250,000 scale map used on Idaho coordinate system, central zone  
 1:250,000 scale map used on Idaho coordinate system, central zone  
 1:250,000 scale map used on Idaho coordinate system, central zone



**GEOLOGIC MAP OF THE PARK VALLEY QUADRANGLE, BOX ELDER COUNTY, UTAH, AND CASSIA COUNTY, IDAHO**  
 By Robert R. Compton  
 1975

For sale by U.S. Geological Survey, Denver, CO. Price \$10.00 per copy. \$20.00 per copy plus \$1.00 shipping and handling charge per copy.