



EXPLANATION		
Qv	Valley fill	QUATERNARY
Qal	High alluvium	
Qt	Basalt	
ANGULAR UNCONFORMITY		
g	Granite (Along the Copper Dick fault)	TERTIARY
tlq	Lattice and quartz latite (Lava flows)	
tp	Pyroclastic rocks (Chiefly rhyolite breccia and tuff)	
ANGULAR UNCONFORMITY		
fs	Felsite (Plugs, dikes and sills)	
ANGULAR UNCONFORMITY		
ad	Aplite dikes	CRETACEOUS OR TERTIARY
mp	Monzonite porphyry dikes of the Euroka area	
m	Monzonite and quartz monzonite dikes and sills of the Sylvanite area	
tkg	Seriate porphyritic granite	
tkp	Aplite granite	
tkps	Porphyritic granite	
tkqm	Quartz monzonite	
tkm	Sodic phase of monzonite at old Hachita	
tkd	Monzonite	
tkg	Diorite sills	
CRETACEOUS (?)		
kgv	Orthoclase gabbro	CRETACEOUS
ksr	Skunk Ranch conglomerate (Ksr, volcanic member in the Skunk Ranch conglomerate)	
kpp	Playas Peak formation (Shale, sandstone, and grit with basal conglomerate in Euroka section and over- lain by massive limestone)	
kc	Corbett sandstone	
khv	Howells Ridge formation (Red beds of sandstone, shale, limestone, sandstone, and conglomerate, overlain by limestone. Khv, volcanic member in the Howells Ridge formation)	
khv	Hidalgo volcanics (Mostly basaltic and andesitic flows, Khv, sedimentary member in the Hidalgo volcanics)	
krv	Ringbone shale (Krv, volcanic member in the Ringbone shale)	
klj	Broken Jug limestone	
klm	Magdalena limestone	
q	Quartzite and limestone of uncertain age	
CARBONIFEROUS		
Contact metamorphic aureole		
Hybrid rock (Silicified sedimentary rocks partly replaced by igneous material)		
Veins and faults (showing dip and downthrown side; vertical dip shown thus: ↕)		
Strike and dip of beds		
Strike of vertical beds		
Horizontal beds		
Strike and dip of minutely folded beds		
Axis of antline showing pitch		
Axis of syncline showing pitch		

GEOLOGIC AND TOPOGRAPHIC MAP OF THE LITTLE HATCHET MOUNTAINS, NEW MEXICO
Sections A-A' to S-S' shown on Plate 2 and Sections U-U', V-V' and W-W' on Plate 13