

Plate 1
60-145
38° 02' 30"



- EXPLANATION**
- IGNEOUS ROCKS**
- GRANODIORITE SILLS AND DIKES
- SEDIMENTARY ROCKS**
- ALLUVIUM**
INCLUDES COLLUVIUM, SWEET WASH, MUD FLOWS, SLUMP BLOCKS, WIND BLOWN DEPOSITS, VALLEY FILL, AND STREAM DEPOSITS, UNDIFFERENTIATED.
- LANDSLIDE DEBRIS**
- TALUS**
O₃ INCLUDES REMOVED GLACIAL OUTWASH.
- GLACIAL OUTWASH**
COARSE GRAVELS, COBBLES, AND BouldERS, WATERWORK.
- GLACIAL DEPOSITS**
UNCONFORMITY
- MESA VERDE GROUP**
THIN AND THICK BEDED, YELLOWISH-BROWN SANDSTONE AND LIGHT GRAY SHALE.
- MANCOS SHALE**
LIGHT- AND DARK GRAY, SOFT, FIBRILE SHALE.
- DAKOTA SANDSTONE**
LIGHT-BROWN SANDSTONE WITH INTERBEDDED SHALE AND IMPURE COAL.
- BURRO CANYON FORMATION**
LIGHT-BROWN SANDSTONE AND CONGLOMERATE WITH INTERBEDDED GREEN SHALE.
- MORRISON FORMATION**
VARIATED SHALE, LIGHT-BROWN, RED, GRAY SANDSTONE. BRAUNY BASIN MEMBER, COMBISTS PREDOMINANTLY OF SHALE BUT INCLUDES MINOR CONGLOMERATE AND SANDSTONE LENSES. SALT BECH MEMBER, AT BASE CONSISTS OF THICK SANDSTONE UNITS, BUT INCLUDES SHALE BEDS.
- SUMMERVILLE FORMATION**
THIN-BEDED RED AND GREEN-GRAY SHALE, MUDSTONE, AND SILTSTONE. SOME LIMESTONE, SANDSTONE, AND CONGLOMERATE BEDS.
- ENTRADA SANDSTONE**
LIGHT BROWN, VERY FINE-GRAINED SANDSTONE. MASSIVE AND CROSS-BEDED. MINOR CONGLOMERATE LENSES.
- KAYENTA FORMATION**
IRREGULARLY BEDED AND CROSS-BEDED, REDDISH-BROWN SANDSTONE AND SILTSTONE. MINOR GREEN-GRAY CALCAREOUS SHALE AND REDDISH-BROWN CONGLOMERATE LENSES.
- WINGATE SANDSTONE**
IRREGULARLY BEDED AND CROSS-BEDED, FINE-GRAINED, REDDISH-BROWN SANDSTONE AND CONGLOMERATE.
- CHINLE FORMATION**
GREEN-GRAY CONGLOMERATE, BUT INCLUDING MINOR SILTSTONE LENSES.
- RICO AND CUTLER FORMATIONS**
MARCON, RED, MOTTLED RED AND GRAY-GREEN CONGLOMERATE, ANKOR, ANKORIC SANDSTONE, AND SHALE. CUTLER FORMATION, ENTIRELY FLUVIAL. RICO FORMATION, INCLUDES THIN MARINE LIMESTONE BEDS. SMALL OUTCROPS, ARE NOT DIFFERENTIATED.

- HERMOSA FORMATION**
UPPER LIMESTONE MEMBER, AT TOP CONSISTS OF GRAY FOSSILIFEROUS LIMESTONE, TAN DOLOMITE, AND LIGHT-BROWN AND RED SHALE AND SANDSTONE. PARADOX MEMBER, AT BASE CONSISTS OF STYRUM, BLACK SHALE, AND THIN BEDS OF SANDSTONE AND LIMESTONE.
- CONTACT**
DASHED WHERE APPROXIMATELY LOCATED.
- FAULT**
DASHED WHERE APPROXIMATELY LOCATED. DOTTED WHERE CONCEALED. U, UPTHROWN SIDE, D, DOWNTOWN SIDE.
- ANTICLINE**
SHOWING TRACE OF AXIAL PLANE AND PLUNGE OF AXIS. DASHED WHERE APPROXIMATELY LOCATED, DOTTED WHERE CONCEALED.
- SYNCLINE**
SHOWING TRACE OF AXIAL PLANE AND PLUNGE OF AXIS. DASHED WHERE APPROXIMATELY LOCATED, DOTTED WHERE CONCEALED.
- MONOCLINE**
SHOWING TRACE OF AXIAL PLANE. DRAWN ON CREST OF FOLD. DASHED WHERE APPROXIMATELY LOCATED, DOTTED WHERE CONCEALED.
- STRIKE AND DIP OF BEDS**
- HORIZONTAL BEDS**
- STRUCTURE CONTOURS**
APPROXIMATELY LOCATED. DRAWN ON TOP OF ENTRADA SANDSTONE. CONTOUR INTERVAL 100 FEET. DATUM IS MEAN SEA LEVEL.
- PROSPECT**
- MINF**
- 2**
- OUTLINE OF PATENTED CLAIM**
LOCATED ONLY APPROXIMATELY.
- LIST OF PATENTED CLAIMS**
1-HORNET
2-MEADOW