



**EXPLANATION**

**QUATERNARY**

**Qal**  
Alluvial deposits  
*Unconsolidated bolson deposits*

**UNCONFORMITY**

**TERTIARY**

**Tv**  
Volcanic rocks  
*Tuffs and flows, undifferentiated*

**UNCONFORMITY**

**CRETACEOUS**

**Kcx**  
Cox sandstone  
*Medium- to coarse-grained brown sandstone containing bands of chert pebbles; includes thin beds of gray limestone*

**UNCONFORMITY**

**PERMIAN**

**Ph**  
**Php**  
Hueco limestone  
*Compact aphanitic gray cherty cliff-making limestone, with Powwow member at base, Php, of fine- to coarse-grained soft red conglomeratic sandstone*

**UNCONFORMITY**

**PRE-CAMBRIAN**

**Carizzo Mountain group**

**pECma**  
Perthite-quartz-plagioclase-muscovite pegmatite  
**pECma**  
Meta-arkose  
*Fine- to coarse-grained massive brown meta-arkose containing thin layers of biotite schist*

— — — — —  
Contact of lithologic units  
*Dotted where concealed, dashed where inferred*

**D** .....  
**U**  
Fault  
*Dotted where concealed; D, downthrown side; U, upthrown side*

14 /  
Strike and dip of bedding

19 /  
Strike and dip of foliation

X  
Windmill

GEOLOGIC MAP OF PRE-CAMBRIAN ROCKS  
OF THE NE VAN HORN MOUNTAINS  
CULBERSON COUNTY, TEXAS

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