UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

105°07'30" 05'00" 02'30" 105°

31° 57'30" 55'00" 52'30" 30°

EXPLANATION

SURFICIAL ROCKS

Qal — Terrace and alluvial deposits and basin fill — QUATERNARY

IGNEOUS ROCKS

Trd — **Late rhyolite** *Dikes and irregular masses*

Tdd — Diabase dike

Tep — Eagle Peak syenite

Tur / Turb — Upper rhyolitic series *Lava flows and pyroclastics,* Tur; *basal conglomerate,* Turb

UNCONFORMITY

Tt — Trachyte porphyry *Lava flows*

Tlr — Lower rhyolitic series *Lava flows, pyroclastics, and associated sills* — TERTIARY

SEDIMENTARY ROCKS

Kef — Eagle Ford formation

Kb — Buda limestone

Kge — Eagle Mountains sandstone member

Ker — Reef-limestone member

Kgc — Carpenter limestone member

Kg — Georgetown limestone — Gulf series / Washita group / Grayson formation

Kk — Kiamichi formation

Kf — Finlay limestone — Comanche series / Fredericksburg group

Kc — Cox sandstone

Kbm — Bluff Mesa formation

Ky — Yucca formation — Trinity group

Upper Cretaceous / *Lower Cretaceous* — CRETACEOUS

UNCONFORMITY

Pw — Wolfcamp (?) formation — PERMIAN (?)

UNCONFORMITY

pCcm — Carrizo Mountain schist — PRE-CAMBRIAN

Vein, showing dip, dashed where approximately located

Contact, showing dip; dashed where approximately located

Fault, showing dip; dashed where approximately located *U, upthrown side; D, downthrown side*

Vertical fault

Concealed fault

Inferred fault

Thrust fault and klippe *T, upper plate*

Syncline, showing trace of axial plane *Dotted where concealed*

Strike and dip of beds

Strike and dip of joints

Strike of vertical joints

Mine or prospect

Summit of peak

Windmill

Earthen tanks with or without earthen dams

APPROXIMATE MEAN DECLINATION 1946 — TRUE NORTH 12°20' — MAGNETIC NORTH

Hot Wells · E.M. 4286 · ALLAMOORE 4 MILES · SOUTHERN PACIFIC

Panther Bluff · T. C. PEAK · Lone Hill · Eagle Spring Ranch House · Eagle Spring · Carpenter Spring · Carpenter Wells · Marine Ranch House · Eagle Mountains Ranch House · Rocky Ridge Area · EAGLE PEAK El. 7496' · Goat Canyon · Coal Mine Canyon · DEVIL RIDGE · DEVIL RIDGE THRUST · Carpenter Canyon · Syphon Canyon · Tank Canyon · Spar Creek · Snowline Canyon · Broad Canyon · Cottonwood Canyon · SNOWLINE RIDGE

LONE HILL FAULT · EAGLE SPRING FAULT · EAGLE SPRING FAULT · CARPENTER FAULT · CARPENTER FAULT · CARPENTER FAULT · MINE FAULT · RHYOLITE FAULT · RHYOLITE FAULT · WIND CANYON FAULT · WIND CANYON FAULT · SPAR VALLEY MINE FAULT · SPAR VALLEY FAULT · SILVER EAGLE FAULT · SPAR VALLEY

SHAFT 1 · SHAFT 2 · SHAFT 3 · SHAFT 4 · BLACK HILL SHAFT · SILVER EAGLE MINE · LUCKY STRIKE MINE

GEOLOGIC MAP OF PART OF THE EAGLE MOUNTAINS, HUDSPETH COUNTY, TEXAS

0 — 1 MILE

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.—1952

Geology by Elliot Gilferman, 1947