

PLATE V
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1981

LITHOMES, MINERAL ASSEMBLAGES, AND ISOGRADS
WITHIN THE PINTO GNEISS OF THE JOSHUA TREE TERRANE

MINERAL ASSEMBLAGES: STABLE - SOLID SYMBOL
RELICT - OUTLINE SYMBOL WITH SOLID CORE
PSEUDOMORPH - OUTLINE SYMBOL

KEY
PELITIC ASSEMBLAGES

- ALUMINOSILICATE + CORDIERITE + BIOTITE
- ◆ STAUROLITE + QUARTZ
- CHLORITE + MUSCOVITE + QUARTZ
- ★ CHLORITOID + SILLIMANITE
- CORDIERITE + BIOTITE
- ▼ ALUMINOSILICATE + K-FELDSPAR
- ▲ MUSCOVITE + QUARTZ
- A ANDALUSITE
- S SILLIMANITE
- Sf FIBROLITE
- V VIRIDINE
- G GARNET
- B BIOTITE

- FERROMAGNESIAN ASSEMBLAGES
- ORTHOAMPHIBOLE + CORDIERITE
 - ◆ TALC + CHLORITE
 - GARNET

ISOGRADS

- 11 AND = SILL
- 12 MU + Q = AS + KSPAR + H₂O
- 13 ST + Q = G + CD + AS + H₂O
- 14 CD + G + MU = AS + BI + Q
- 15(?) ST + CH + Q + H₂O = AS + CT
- 16 CD + BI + AS + H₂O = CH + MU + Q

PINTO GNEISS LITHOMES

- LH LOST HORSE GRANOFELS
- MV MUSIC VALLEY GNEISS
- BH BALMOK MILL GRANOFELS
- BE BLACK EAGLE GRANOFELS/SCHIST
- PM PINTO MOUNTAIN QUARTZITE

E-1 LOCATION OF STRATIGRAPHIC COLUMN
P-1 - SEE PLATE IV

- EARLY RED CLOUD THRUST
- LATE RED CLOUD THRUST

