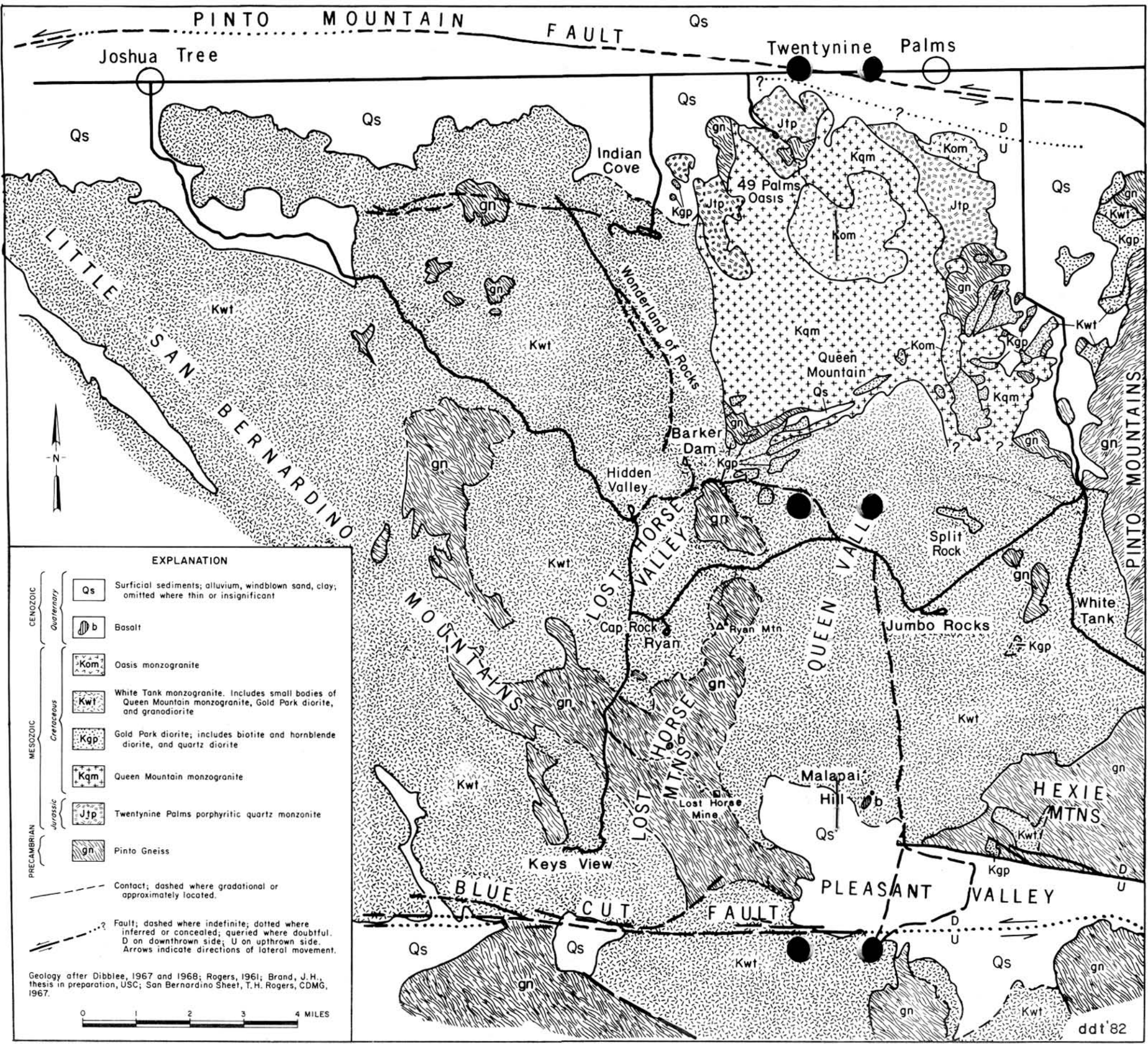
PINTO MOUNTAIN FAULT
Joshua Tree
Twentynine Palms
Qs
Indian Cove
49 Palms Oasis
Jtp
Kqm
Kom
Kgp
gn
Kwt
Queen Mountain
Wonderland of Rocks
Barker Dam
Hidden Valley
LITTLE SAN BERNARDINO MOUNTAINS
LOST HORSE VALLEY
QUEEN VALLEY
Split Rock
Jumbo Rocks
White Tank
PINTO MOUNTAINS
Cap Rock
Ryan
Ryan Mtn
LOST HORSE MTNS
Lost Horse Mine
Malapai Hill
HEXIE MTNS
Kwtf
Keys View
BLUE CUT FAULT
PLEASANT VALLEY
D
U
N
EXPLANATION
CENOZOIC
Quaternary
Qs Surficial sediments; alluvium, windblown sand, clay; omitted where thin or insignificant
b Basalt
MESOZOIC
Cretaceous
Kom Oasis monzogranite
Kwt White Tank monzogranite. Includes small bodies of Queen Mountain monzogranite, Gold Park diorite, and granodiorite
Kgp Gold Park diorite; includes biotite and hornblende diorite, and quartz diorite
Kqm Queen Mountain monzogranite
Jurassic
Jtp Twentynine Palms porphyritic quartz monzonite
PRECAMBRIAN
gn Pinto Gneiss
Contact; dashed where gradational or approximately located.
Fault; dashed where indefinite; dotted where inferred or concealed; queried where doubtful. D on downthrown side; U on upthrown side. Arrows indicate directions of lateral movement.
Geology after Dibblee, 1967 and 1968; Rogers, 1961; Brand, J.H., thesis in preparation, USC; San Bernardino Sheet, T.H. Rogers, CDMG, 1967.
0 1 2 3 4 MILES
ddt '82