

# PLATE 1: Surficial Geologic Map of San Cristobal And Growler Valleys, Barry M. Goldwater Air Force Range, Southwestern Arizona

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Field mapping done in 1996

digital cartography by  
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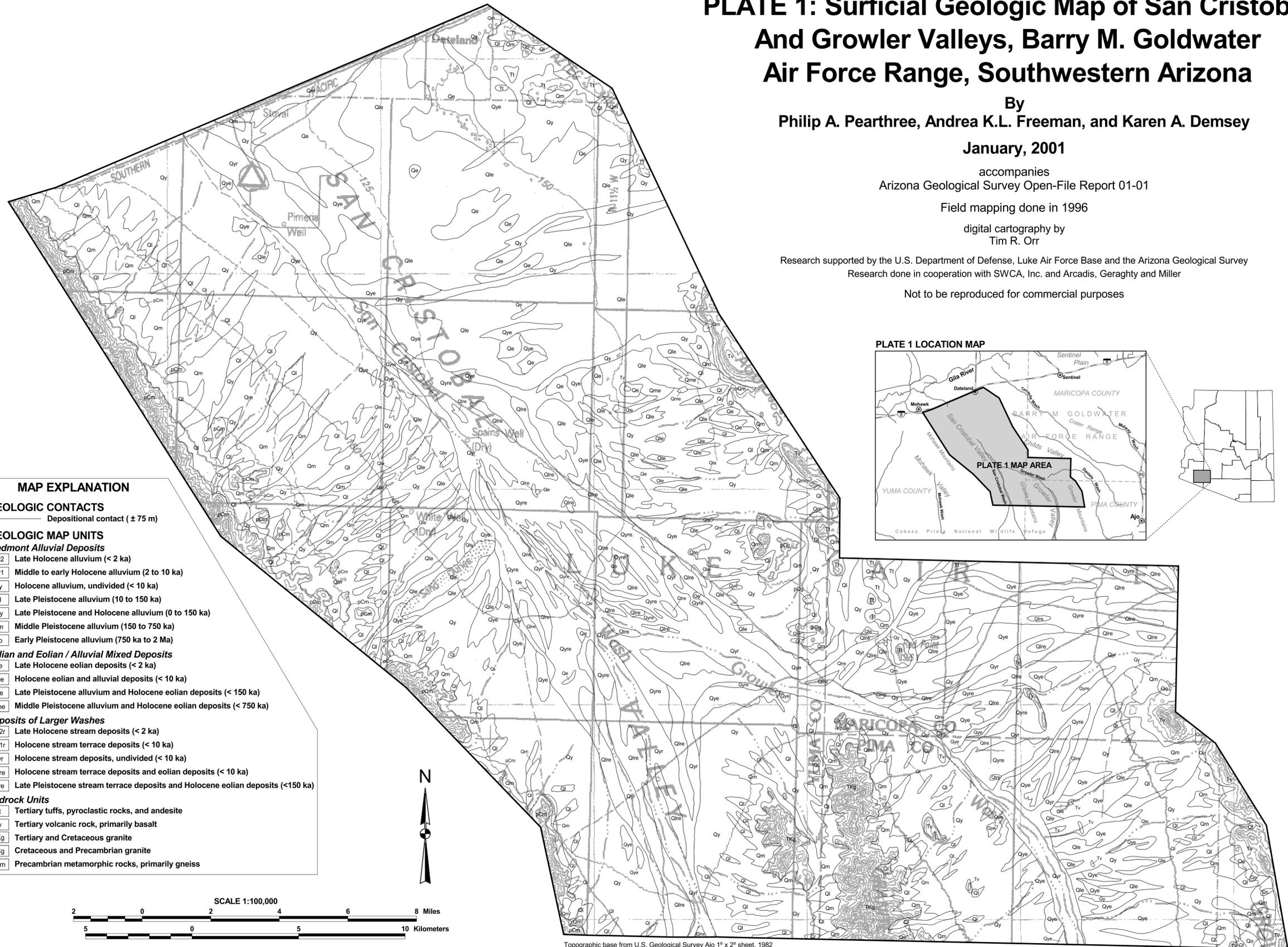
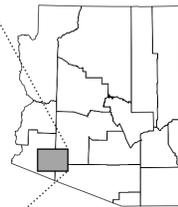
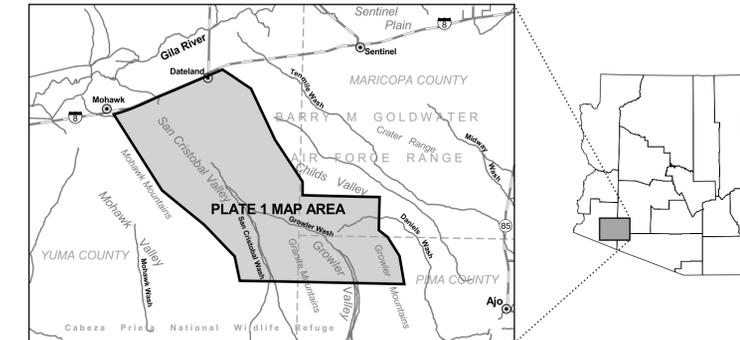


PLATE 1 LOCATION MAP



**MAP EXPLANATION**

**GEOLOGIC CONTACTS**  
 Depositional contact (± 75 m)

**GEOLOGIC MAP UNITS**

**Piedmont Alluvial Deposits**

Qy2	Late Holocene alluvium (< 2 ka)
Qy1	Middle to early Holocene alluvium (2 to 10 ka)
Qy	Holocene alluvium, undivided (< 10 ka)
Ql	Late Pleistocene alluvium (10 to 150 ka)
Qly	Late Pleistocene and Holocene alluvium (0 to 150 ka)
Qm	Middle Pleistocene alluvium (150 to 750 ka)
Qo	Early Pleistocene alluvium (750 ka to 2 Ma)

**Eolian and Eolian / Alluvial Mixed Deposits**

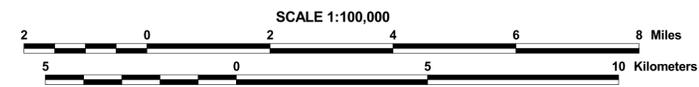
Qe	Late Holocene eolian deposits (< 2 ka)
Qye	Holocene eolian and alluvial deposits (< 10 ka)
Qle	Late Pleistocene alluvium and Holocene eolian deposits (< 150 ka)
Qme	Middle Pleistocene alluvium and Holocene eolian deposits (< 750 ka)

**Deposits of Larger Washes**

Qy2r	Late Holocene stream deposits (< 2 ka)
Qy1r	Holocene stream terrace deposits (< 10 ka)
Qyr	Holocene stream deposits, undivided (< 10 ka)
Qyre	Holocene stream terrace deposits and eolian deposits (< 10 ka)
Qlre	Late Pleistocene stream terrace deposits and Holocene eolian deposits (< 150 ka)

**Bedrock Units**

Tt	Tertiary tuffs, pyroclastic rocks, and andesite
Tv	Tertiary volcanic rock, primarily basalt
TKg	Tertiary and Cretaceous granite
pCg	Cretaceous and Precambrian granite
pCm	Precambrian metamorphic rocks, primarily gneiss



Topographic base from U.S. Geological Survey Ajo 1° x 2° sheet, 1982