

Base from U.S. Geological Survey
Salome, Arizona, 1:100,000, 1984

RIVER AQUIFER AND ACCOUNTING SURFACE IN THE LOWER COLORADO RIVER VALLEY

SALOME, ARIZONA

By
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EXPLANATION

GEOLOGY

OLDER ALLUVIUMS (Pleistocene, Pliocene, and Miocene)—Weakly to moderately consolidated gravel, sand, silt, and clay of local origin deposited in alluvial fans interbedded with rounded gravels, sand, silt, and clay deposited by the ancestral Colorado River. Includes the Chemehuevi Formation (Pleistocene) that consists of gravel, sand, and silt deposited by the Colorado River.

BOUSE FORMATION (Pliocene)—Weakly to moderately consolidated basal limestone and marl overlain by clay, silt, and sand. Marine and estuarine sediments deposited in an arm of the proto-Gulf of California.

FANGLOMERATE (Pliocene and Miocene)—Moderately to firmly consolidated and cemented gravel, sand, silt, clay, and gypsum of local origin deposited on tilted and faulted bedrock. Includes the upper member of the Kintor Formation.

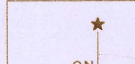
BEDROCK (Precambrian, Paleozoic, Mesozoic, and Cenozoic)—Consolidated and cemented igneous, metamorphic, volcanic, and sedimentary rocks that commonly are tilted, faulted, and folded. Nearly impermeable except for some Tertiary sedimentary rocks.

GEOLOGIC CONTACT

HYDROLOGY

ACCOUNTING SURFACE—Number is the elevation of the accounting surface, in feet. Datum is sea level.

RIVER-AQUIFER BOUNDARY—Delineates the approximate limit of the river aquifer. Isolated outcrops of bedrock less than about 0.5 square mile within the river-aquifer boundary are not delineated as areas outside the river aquifer.

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet						
1	3.2808	<div>173° 25 MILS</div> <div>131°W 240 MILS</div>					
2	6.5617						
3	9.8425						
4	13.1234						
5	16.4042						
6	19.6850						
7	22.9659						
8	26.2467						
9	29.5275						
10	32.8084						
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map Diagram is approximate		1 Parker 2 Alamo Lake 3 Bradshaw Mts. 4 Blythe 5 Phoenix North 6 Trigo Mts. 7 Little Horn Mts. 8 Phoenix South			
To convert feet to meters multiply by 0.3048							