UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
1949

PLATE I. MAP OF BUELL PARK-SAWMILL AREA, APACHE COUNTY, ARIZONA

SHOWING GEOLOGY AND LOCATION OF WELLS AND SPRINGS.

EXPLANATION

MATERIAL

Qal	RECENT ALLUVIUM (QUATERNARY)	
Tv	LAVA FLOWS (TERTIARY?)	
Tag	AGGLOMERATE (TERTIARY?)	
Kd	DAKOTA(?) SANDSTONE (CRETACEOUS)	
Jm	MORRISON FORMATION (JURASSIC)	
Jsr	SAN RAFAEL GROUP (JURASSIC)	
Jgc	GLEN CANYON GROUP (JURASSIC?)	
Trc	CHINLE FORMATION (TRIASSIC)	
Trs	SHINARUMP CONGLOMERATE (TRIASSIC)	
Pcu	CUTLER FORMATION (PERMIAN)	UPPER MEMBER
Pcl		LOWER MEMBER

WATER-BEARING PROPERTIES

YIELDS LIMITED QUANTITIES FROM SHALLOW WELLS.
NON-WATER-BEARING IN AREA.
SPRINGS IN BUELL PARK ISSUE FROM AGGLOMERATE.
ABOVE WATER TABLE IN AREA.
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SEEPS ISSUE ALONG JOINTS BELOW WATER TABLE.
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ALONG WASHES, SEEPS AND SHALLOW WELLS PRODUCE LIMITED AMOUNTS OF WATER.
PROBABLY WATER-BEARING BELOW WATER TABLE.
SEEPS ISSUE FROM JOINTS AND BEDDING PLANES
SPRINGS ISSUE FROM JOINTS IN SANDSTONE.

- CONTACT NOT ACCURATELY LOCATED
- 14° STRIKE AND DIP
- DIKE
- SPRING OR SEEP
- WELL WITH POWER PUMP
- WELL WITH WINDMILL
- UNUSED WELL
- GRADED ROAD
- UNIMPROVED ROAD
- WAGON ROAD

MAP BASED ON CONTROLLED MOSAIC PREPARED FROM AERIAL PHOTOGRAPHS

GEOLOGY BY H.A. WHITCOMB

SCALE: 0 1 2 MILES

SDG