



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY
PLATE I MAP OF NORTHERN PART OF RANEGRAS PLAIN AREA YUMA COUNTY, ARIZ.
 SHOWING GEOLOGY, LOCATION OF WELLS, AND DEPTH TO WATER

EXPLANATION

	ALLUVIUM AND FAN CONGLOMERATE PRODUCES WATER FROM SAND AND GRAVEL
	VOLCANIC ROCKS WATER-BEARING ONLY IN FRACTURE ZONES
	VOLCANIC ROCKS WATER-BEARING ONLY IN FRACTURE ZONES
	SEDIMENTARY AND IGNEOUS COMPLEX (INCLUDES PALEOZOIC(?) SEDIMENTARY ROCKS, MESOZOIC(?) GRANITE IN PLOMOSA MOUNTAINS AND HILLS NW OF BOUSE, CRETACEOUS(?) SEDIMENTARY ROCKS, TERTIARY VOLCANIC AND SEDIMENTARY ROCKS, TERTIARY(?) BASALTIC ROCKS IN NORTHERN PART OF PLOMOSA MOUNTAINS, AND TERTIARY(?) CONGLOMERATE)
	INTRUSIVE ROCKS ESSENTIALLY NON-WATER-BEARING
	IGNEOUS AND METAMORPHIC ROCKS ESSENTIALLY NON-WATER-BEARING

DEPTH TO WATER, IN FEET, FEB 1930

CONTACT NOT ACCURATELY LOCATED

STRIKE AND DIP

FAULT SHOWING DIP

PROBABLE FAULT

IRRIGATION WELL

UNUSED IRRIGATION WELL

DOMESTIC OR STOCK WELL

UNUSED DOMESTIC OR STOCK WELL

NUMBER BY WELL IS DEPTH TO WATER IN FEET

WELL LOCATIONS BY U. S. HAZEL AND J. W. METZGER

GEOLOGY BY D. C. MATHY (1930)