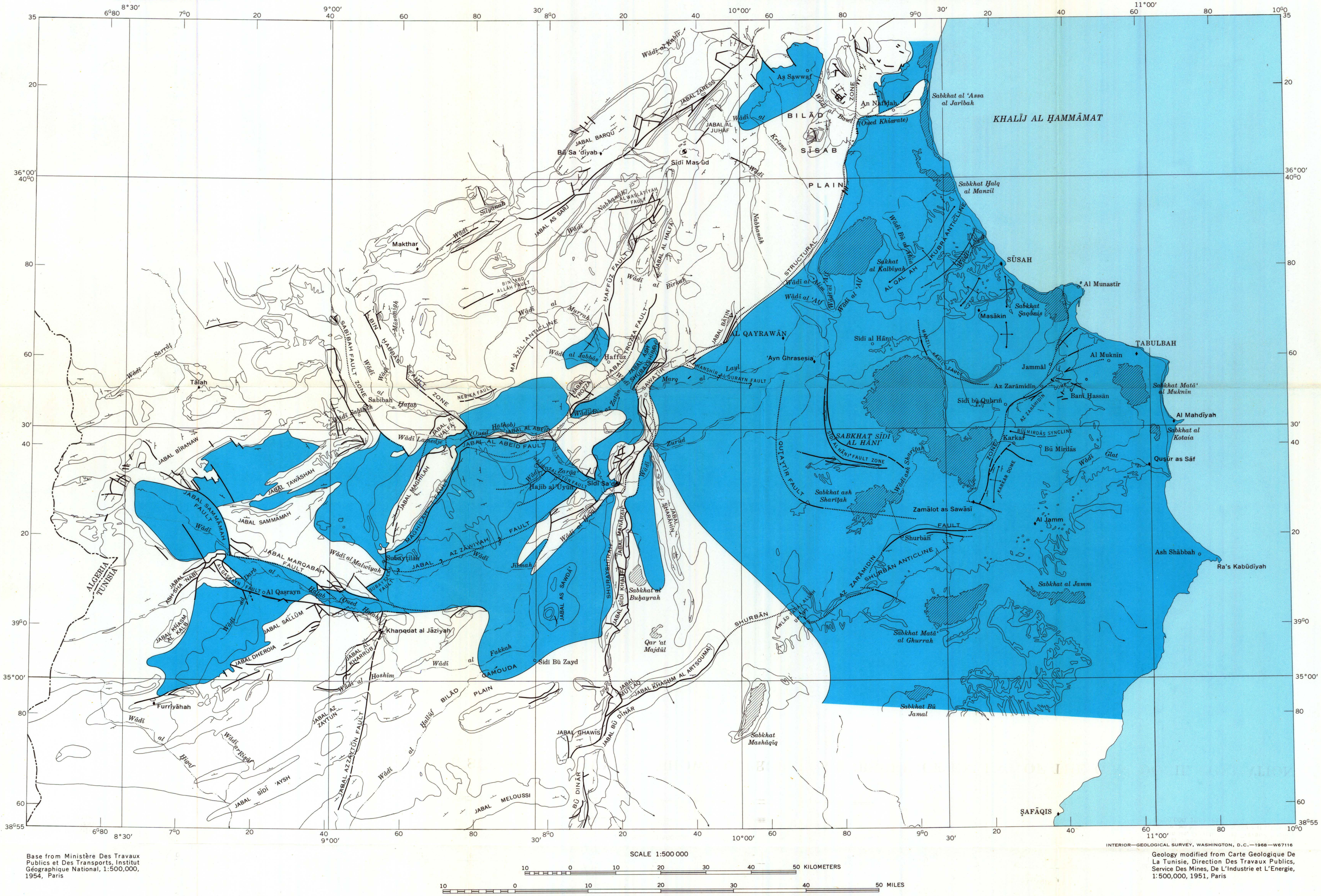
PREPARED IN COOPERATION WITH THE
SOUS-DIRECTION DE L'HYDRAULIQUE ET DE L'EQUIPMENT RURAL
TUNISIAN SECRETARIAT OF STATE FOR AGRICULTURE
UNDER THE AUSPICES OF THE
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-SUPPLY PAPER 1757-G
PLATE 3



EXPLANATION

Probable subsurface extent of permeable deposits of the Oum Douil Formation

Approximate geologic contact

Fault
Dashed where approximately located; dotted where concealed; queried where position is uncertain

Hypothetical fault
Position based on geophysical exploration or hydrologic data, principally water levels in wells; locally forms a barrier to ground-water movement; queried where uncertain

Anticline
Axis of anticline showing direction of plunge

Syncline
Axis of syncline showing direction of plunge. Dashed where position is uncertain

Strike and dip of beds

Tālah
Precipitation station

Sīdī Mas ūd
Stream-gaging station

Era	System or Period	Series or Epoch	Stage	Formation	Aquifers
CENOZOIC	QUATERNARY	Recent		Lime hardpan, dune sand, alluvium, mud-flows and evaporites	Superficial sheets of alluvium and dune sand
		Pleistocene	Acheulian	Older alluvial deposits in shallow basins	Lenses of sand and gravel
			Villafranchian		
	TERTIARY	Pliocene	Astian Plaisancian	Sēgui Formation	Fine sand and sandstone
		Miocene (NEOGENE)	Pontian		
			Vindobonian	Oum Douil Formation	
			Burdigalian	Aïn Grab Formation	
			Aquitanian	Hakima Formation	
		Oligocene (NUMMULITIC)	Numidian Medjanian	Fortuna Sandstone	
		Eocene (NUMMULITIC)	Priabonian Upper Lutetian Londinian	Souar Shale Djebs Formation	
				Metlaoui Formation	
		Paleocene	Thanétian Montian	'El Haria Shale	
MESOZOIC	CRETACEOUS	Upper Cretaceous	Maestrichtian	Abiod Formation	Limestone
			Campanian		
			Santonian Lower Senonian Coniacian	Aleg Formation	
			Turonian	Fahdéne Shale Zebbag Formation	Sandstone and limestone
			Cenomanian		
		Lower Cretaceous	Albian	Serdj Limestone Gafsa Formation	
			Aptian		
			Barremian	Boudinar Sand	
			Hauterivian	Meloussi Formation	
			Valanginian Berriasian Neocomian	Sīdī Kralif Shale	
	JURASSIC		Portlandian		
			Kimmeridgian Sequanian Argovian Callovian Bathonian Lias	Nara Limestone	Limestone, locally permeable
	TRIASSIC		Keuper	Rheouis beds	
			Muschelkalk		

Base from Ministère Des Travaux Publics et Des Transports, Institut Géographique National, 1:500,000, 1954, Paris

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Geology modified from Carte Geologique De La Tunisie, Direction Des Travaux Publics, Service Des Mines, De L'Industrie et L'Energie, 1:500,000, 1951, Paris

MAP OF SĀḨIL SŪSAH AREA, TUNISIA, SHOWING PROBABLE SUBSURFACE EXTENT OF THE OUM DOUIL FORMATION