

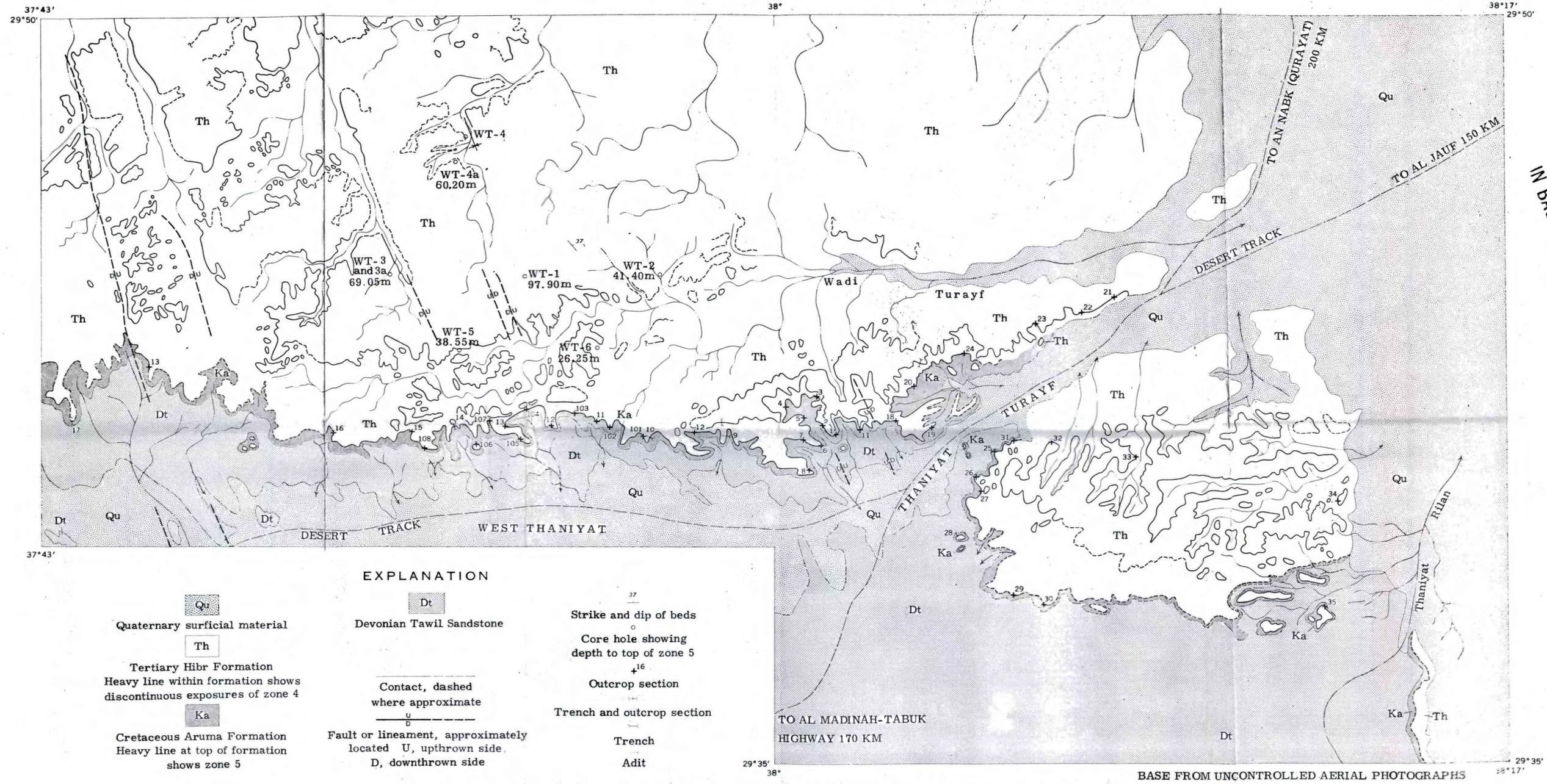
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SAUDI ARABIAN PROJECT

KINGDOM OF SAUDI ARABIA  
MINISTRY OF PETROLEUM AND MINERAL RESOURCES

70-221  
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PLATE 2



PLEASE REPLACE IN POCKET  
IN BACK OF BOUND VOLUME

- EXPLANATION**
- Quaternary surficial material
  - Tertiary Hibr Formation  
Heavy line within formation shows discontinuous exposures of zone 4
  - Cretaceous Aruma Formation  
Heavy line at top of formation shows zone 5
  - Devonian Tawil Sandstone
  - Contact, dashed where approximate
  - Fault or lineament, approximately located U, upthrown side, D, downthrown side
  - Strike and dip of beds
  - Core hole showing depth to top of zone 5
  - Outcrop section
  - Trench and outcrop section
  - Trench
  - Adit

**GEOLOGIC MAP OF PART OF THE THANIYAT PHOSPHATE AREA INCLUDING WEST THANIYAT**

By  
Charles R. Meissner, Jr. and Abdullah Ankary  
1970

U.S. Geological Survey  
OPEN FILE MAP  
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.