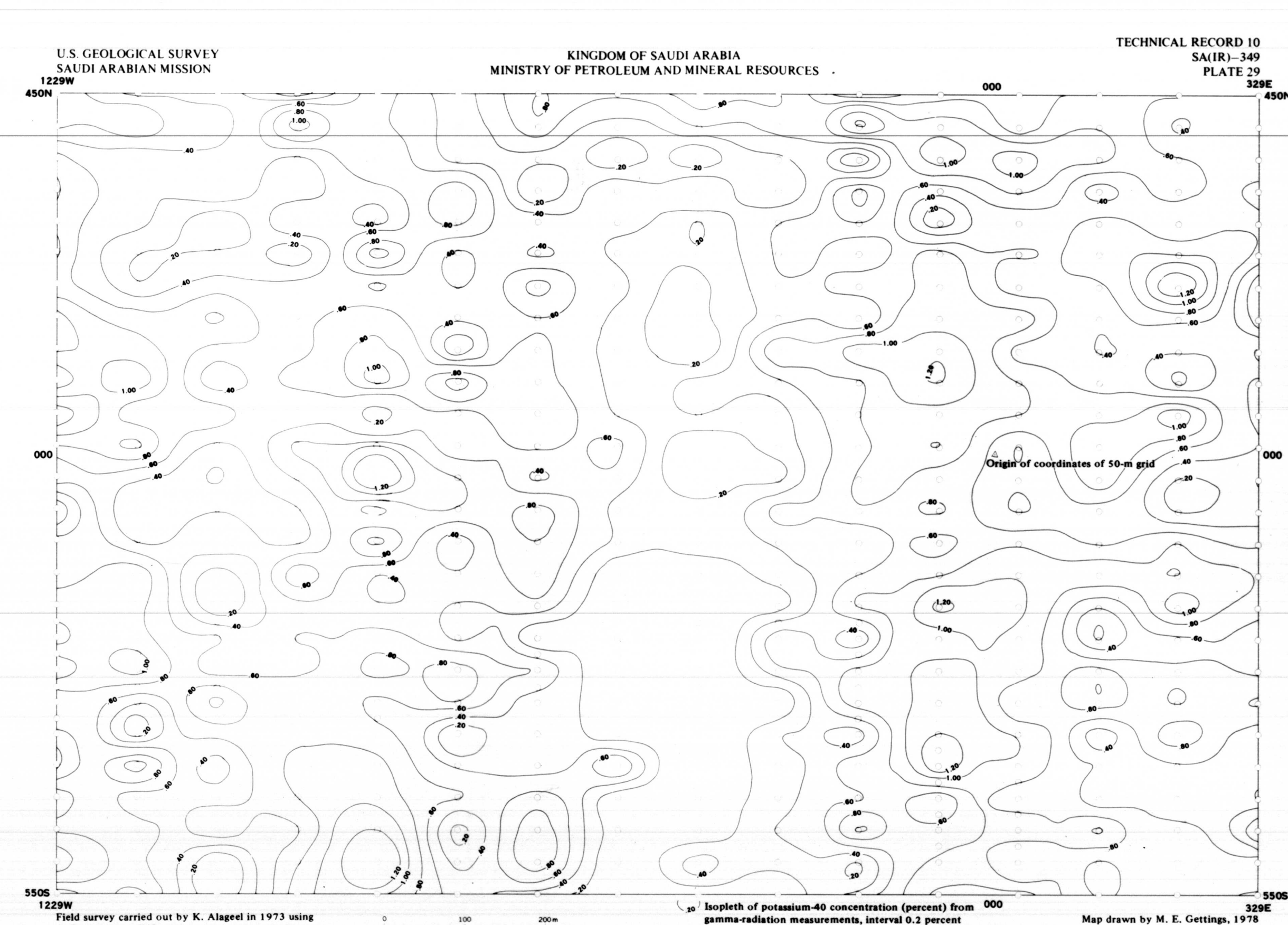
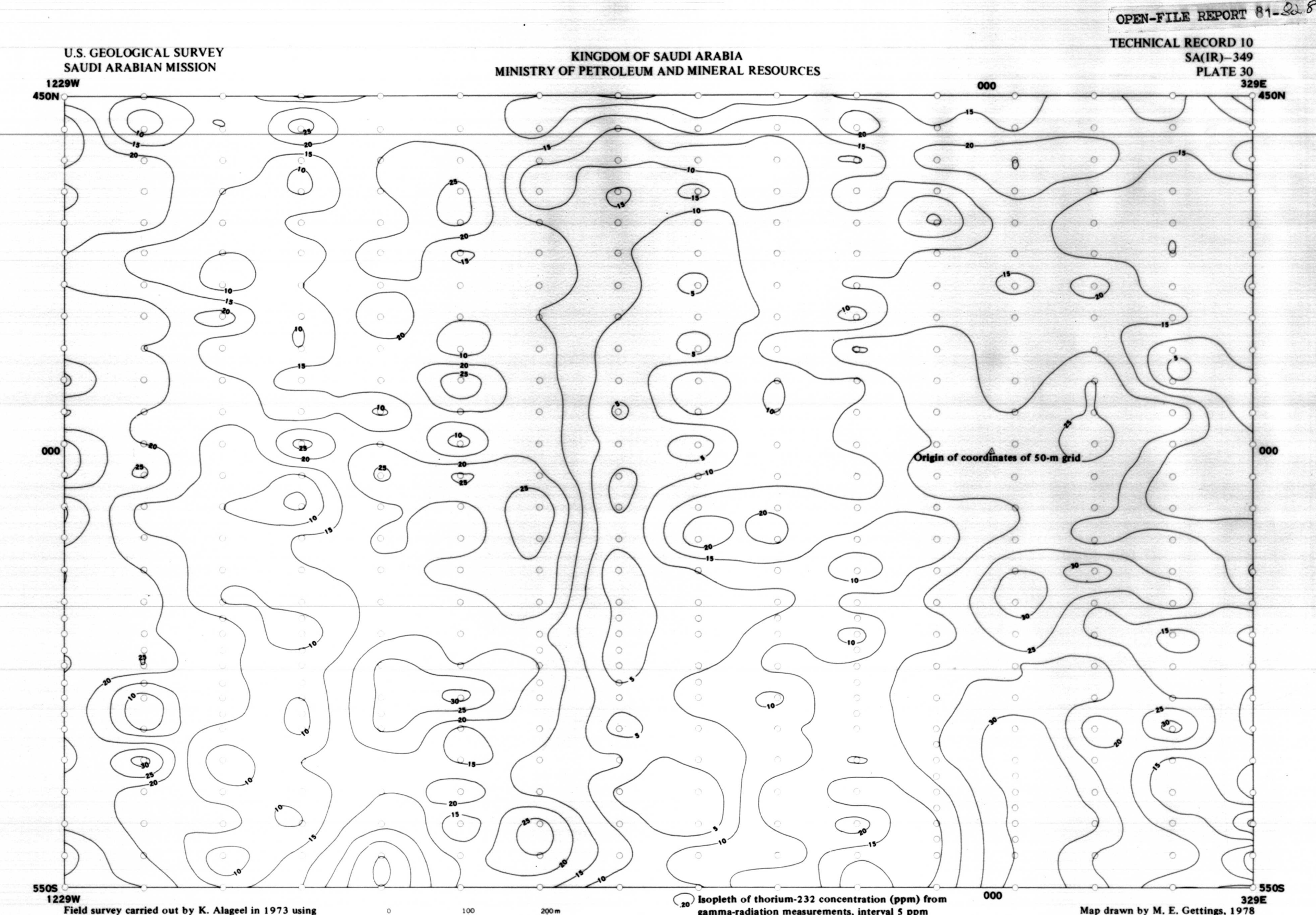


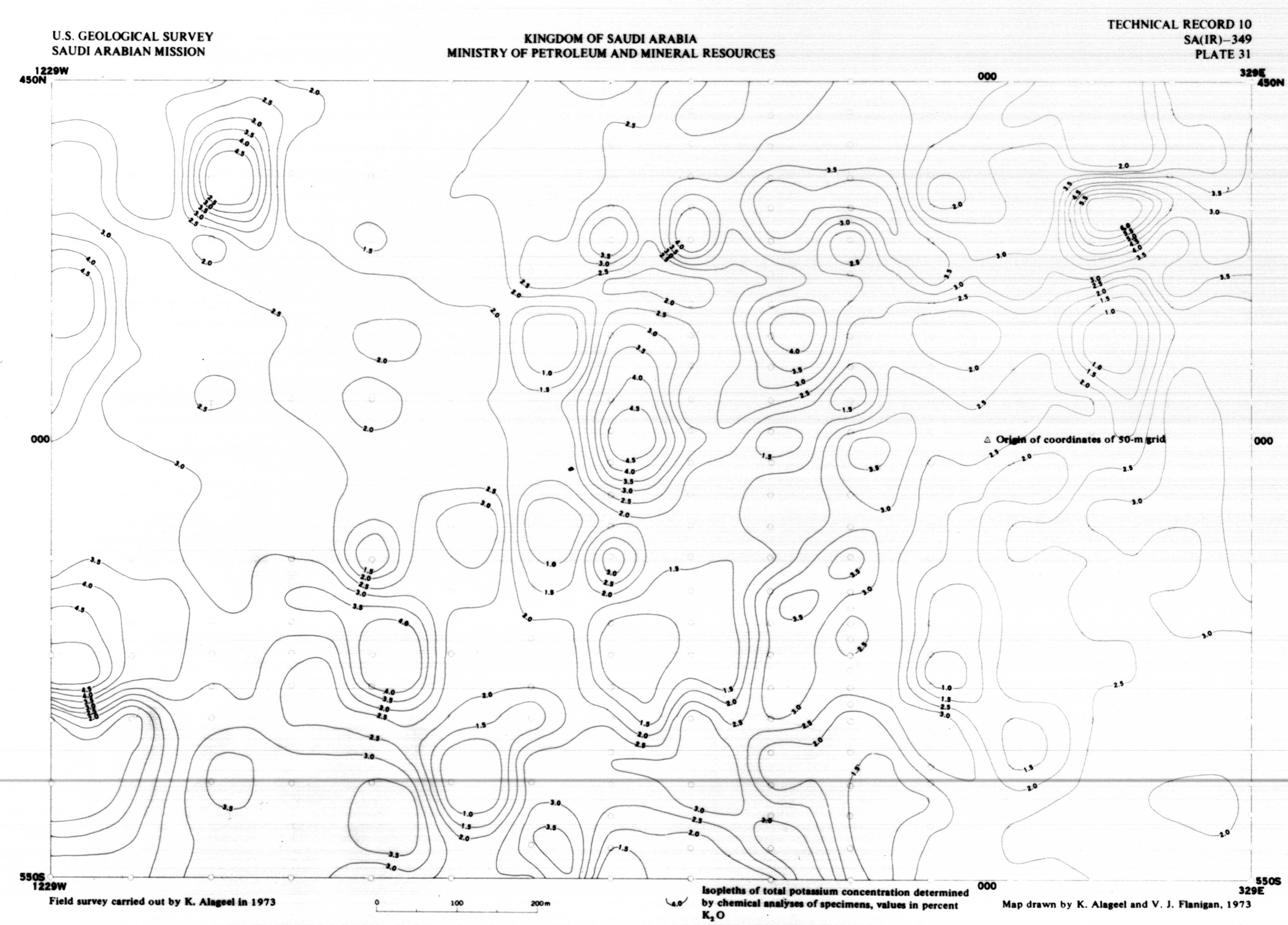
Location of gamma-ray spectrometer observation
**TOTAL-COUNT GAMMA RADIATION, MAHD ADH DHAHAB DISTRICT,
 KINGDOM OF SAUDI ARABIA**



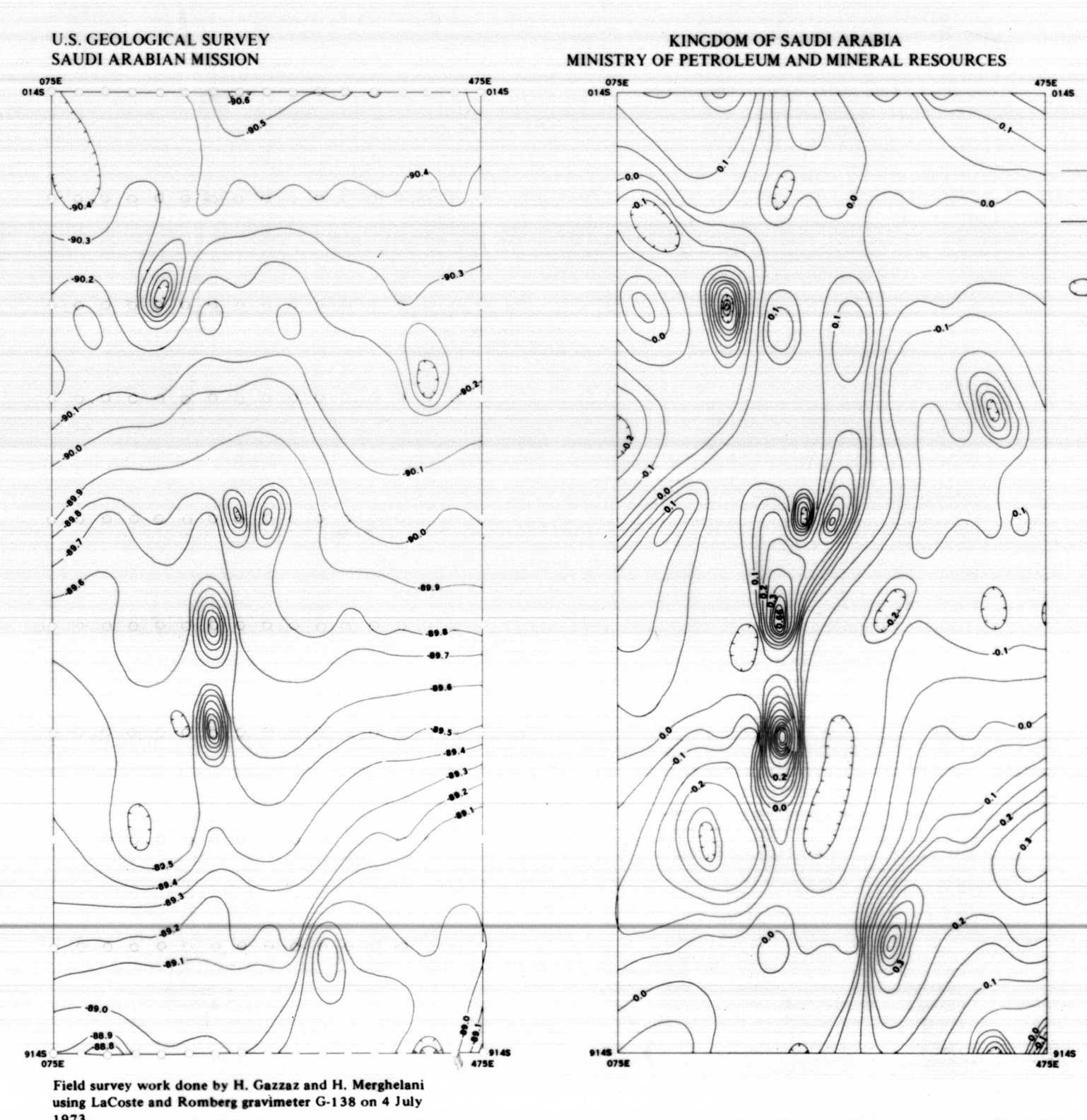
Location of gamma-ray spectrometer observation
**POTASSIUM-40 CONCENTRATION, MAHD ADH DHAHAB DISTRICT,
 KINGDOM OF SAUDI ARABIA**



Location of gamma-ray spectrometer observation
**THORIUM-232 CONCENTRATION, MAHD ADH DHAHAB DISTRICT,
 KINGDOM OF SAUDI ARABIA**



Sample location
**TOTAL POTASSIUM CONCENTRATION DERIVED FROM CHEMICAL ANALYSES, MAHD ADH DHAHAB DISTRICT,
 KINGDOM OF SAUDI ARABIA**

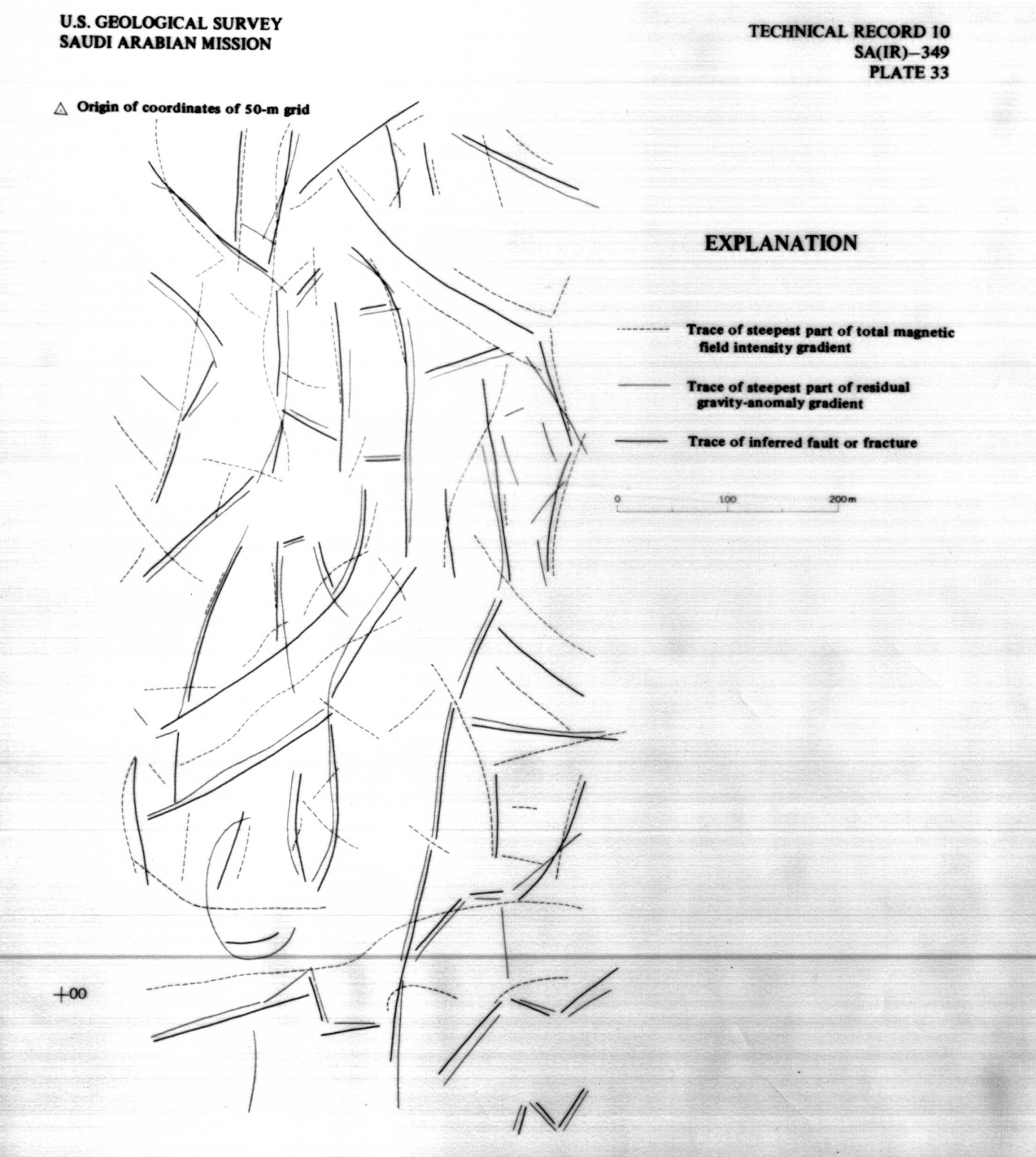


Field survey work done by H. Giazar and H. Merghelani using LaCoste and Romberg gravimeter G-138 on 4 July 1973
**A. SIMPLE BOUGUER GRAVITY ANOMALY OF A PART OF THE MAHD ADH DHAHAB DISTRICT
 AND B. RESIDUAL GRAVITY ANOMALY OF A PART OF THE MAHD ADH DHAHAB DISTRICT,
 KINGDOM OF SAUDI ARABIA**

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EXPLANATION

- A. Isopleth of simple Bouguer gravity anomaly, mgals, interval 0.1 mgal, datum arbitrary
- B. Isopleth of residual gravity anomaly (simple Bouguer gravity anomaly - least-squares fit plane), mgals, interval 0.05 mgal
- Relative minimum of gravity field
- Gravity station location



**FAULT AND FRACTURE PATTERN FOR A PART OF THE MAHD ADH DHAHAB DISTRICT,
 KINGDOM OF SAUDI ARABIA,
 INFERRED FROM GRAVITY AND MAGNETIC FIELD DATA**

This report is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards. Use of trade names is for descriptive purposes only and does not constitute endorsement by the USGS.