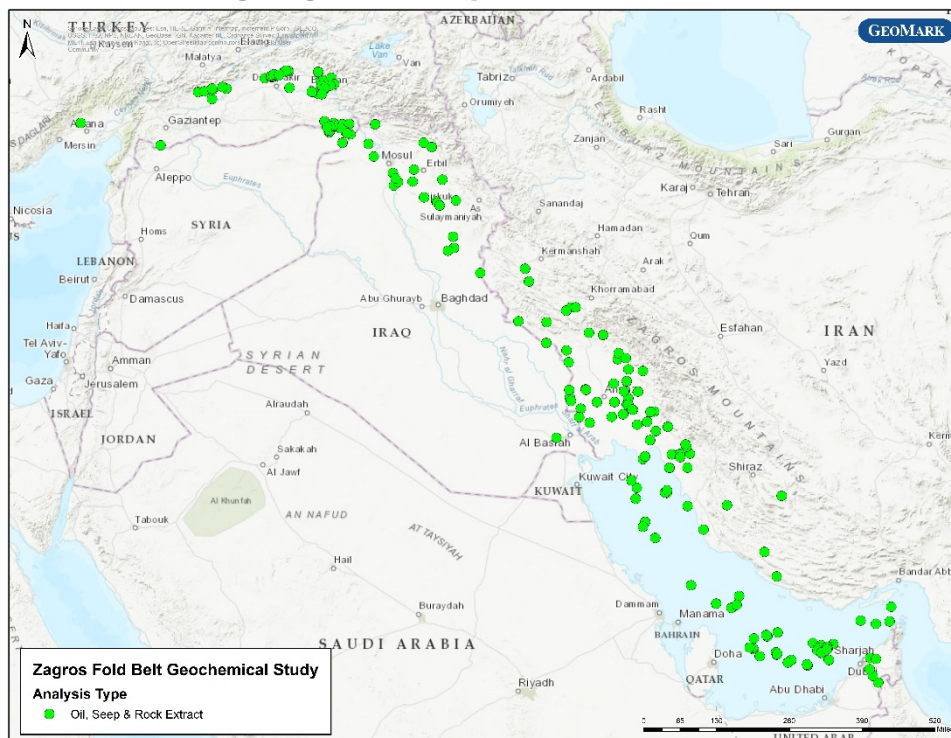


Zagros Fold Belt Geochemical Study

Petroleum Geochemistry of Crude Oils from The Greater Zagros Fold Belt Trend of Turkey, Syria, Iraq, Iran, Saudi Arabia and UAE



GeoMark has performed a regional assessment of the Zagros Fold Belt of the Arabian Plate by geochemically analyzing a suite of 312 crude oil samples. The geochemical results were integrated with regional and local geology to assess age and type of source rocks, thermal maturity trends, degree of petroleum system mixing, and oil quality.

Key conclusions of this study include:

- Characterization of distinct Oil Families as defined in the Middle East Geochemical Study, and further refinement of areal distributions.
- Evaluation of deeper zone oils and condensates to further clarify the contribution to hydrocarbon pools from older source rocks of the region.
- Assessment of vertical and lateral migration for fields with stacked reservoirs and multiple zones.
- Identification of the major source rocks contributing to the defined oil families by direct fingerprinting of rock extracts.
- Confirmation of possible Triassic sourced clastic oil seen in several locations within the region.

This interpretive assessment is finished and ready for delivery as a PDF and ArcGIS product. Data used in this interpretation is available for a separate subscription fee. Please contact GeoMark research for more information.

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