



## Umm er Radhuma-Dammam Aquifer System (North): Widyan-Salman

- |                            |   |
|----------------------------|---|
| ● Capital                  | ■ Umm er Radhuma Formation outcrop                        |
| ● Selected city, town      | ■ Dammam and Rus Formations outcrop                       |
| --- International boundary | ■ Approximate subsurface extent of the aquifer formations |
| ~ River                    | /// Approximate extent of exploitable area                |
| ~ Intermittent river, wadi | A-A' Hydrogeological cross-section                        |
| ■ Freshwater lake          | → Direction of groundwater flow                           |
| ■ Saltwater lake           | ■ Sabkha  |
| ■ Spring                   | ■ Artesian zone   |
| — Canal, irrigation tunnel | ■ Wetland   |



**BGR** Bundesanstalt für  
Geowissenschaften  
und Rohstoffe

### Inventory of Shared Water Resources in Western Asia

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