

	Hydrogeological unit	Shallow groundwater	Deep groundwater	Water harvesting
	Outcrops (volcanic)	poor	fractured aquifers only	-
	Outcrops	poor	fractured aquifers only	Rock catchments
	Basement	poor	fractured aquifers only	Hafirs
	Overburden	poor to moderate	fractured aquifers only	Hillside dams, valley dams, terracing
	Alluvial/colluvial deposits	moderate	fractured aquifers only	Hafirs, MAR, floodwater spreading
	Sandy alluvial deposits	good	moderate	MAR
	Shallow basement	poor	fractured aquifers only	Hafirs

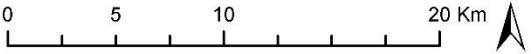
**Streams with potential for sanddams and subsurface dams**

- High potential for checkdams or small sanddams
- High potential for sanddams
- High potential for sanddams and subsurface dams
- High potential for large subsurface dams
- Medium potential for sanddams
- Medium potential for sanddams and subsurface dams
- Medium potential for large subsurface dams
- Low potential for sanddams and subsurface dams

- Villages
- Towns
- Road
- locality boundaries
- State boundaries
- National boundaries
- Flooding**
  - Possible flooding areas
  - Central flooding areas
- Water Infrastructure**
  - Hand dug well traditional
  - Hand pump
  - Mini water yard

**Water resources potential map  
for Hamesh Koreib Catchment**  
**Project: Water for Three States, Sudan**  
Client: The Aqua4East Partnership (A4E)  
Prepared by: Acacia Water

Projected Coordinate System:  
WGS\_1984\_UTM\_Zone\_36N  
Date: 11-01-2017



This map intends to provide a first identification of the water resources potential in the Hamesh Koreib Catchment. No rights can be derived. The actual on-ground situation might vary from what is indicated in the map. A local study is required to determine actual situation and suitability for specific interventions. More information is provided in the catchment assessment report.