

Detailed Information Sheet: Dug Well

Metadata reference

Definition: Any source that taps groundwater that has been developed by non-mechanical means. The descriptor name may therefore be in Somali (eg. Beeyo, buq, laas, ceel) or English (eg. Collector well, hand dug well, traditional well, farm well, etc.).

Data Management

Date	<input type="text"/>	Inspected by	<input type="text"/>
Entry Agency	<input type="text"/>	Inspecting Agency	<input type="text"/>

Location

Region	<input type="text"/>	District	<input type="text"/>
Source name	<input type="text"/>	GPS Make and Model	<input type="text"/>
North	<input type="text"/> °	Positional accuracy	± <input type="text"/> m
East	<input type="text"/> °	Distance to nearest settlement	<input type="text"/> km
Elevation	<input type="text"/> masl	Nearest settlement name	<input type="text"/>
Users	<input type="checkbox"/> Rural <input type="checkbox"/> Urban <input type="checkbox"/> Nomadic	Municipal Code	<input type="text"/>

Function and Use

Functioning	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abandoned	Notes: general condition, repairs required etc.
Operator	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know	
Permanent Use	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know	

Humans	Gu	<input type="text"/> Number	Hagaa	<input type="text"/> Number	Deyr	<input type="text"/> Number	Jilaal	<input type="text"/> Number
Sheep/goats	Gu	<input type="text"/> Number	Hagaa	<input type="text"/> Number	Deyr	<input type="text"/> Number	Jilaal	<input type="text"/> Number
Camel	Gu	<input type="text"/> Number	Hagaa	<input type="text"/> Number	Deyr	<input type="text"/> Number	Jilaal	<input type="text"/> Number
Cattle	Gu	<input type="text"/> Number	Hagaa	<input type="text"/> Number	Deyr	<input type="text"/> Number	Jilaal	<input type="text"/> Number
Irrigated area	Gu	<input type="text"/> ha	Hagaa	<input type="text"/> ha	Deyr	<input type="text"/> ha	Jilaal	<input type="text"/> ha

Distance to the nearest permanent source km

General condition Good Fair Poor

Description of nearest permanent source e.g. name, coordinates, source type, etc.

Sanitary Condition Good Fair Poor

Environmental condition Good Fair Poor

Intervention required? Develop Improve Rehab None

Number of other Water Sources in the Area

Berkad	<input type="text"/> Number	Borehole	<input type="text"/> Number
Dam	<input type="text"/> Number	Spring	<input type="text"/> Number
Dug Well	<input type="text"/> Number	Other	<input type="text"/> Number

Last intervention? Agency Date

Number of settlements served by source? Number

Source Established? Agency Date

Physical parameters

Type of dug well	<input type="text"/>	No. of dug wells in cluster	<input type="text" value="Number"/>	
Depth	<input type="text" value="m"/>	Static Water Level (SWL)	<input type="text" value="Ground level to SWL"/> m	
Lining Material	<input type="text"/>	Shaft diameter	<input type="text" value="m"/>	
Pump test	<input type="checkbox"/> Yes <input type="checkbox"/> No	Operating yield	<input type="text" value="m<sup>3</sup>/hr"/>	
Tested yield	<input type="text" value="m<sup>3</sup>/hr"/>	Operating hours	<input type="text" value="hr"/>	
Operating drawdown	<input type="text" value="m"/>	Riser size	<input type="text" value="mm"/>	
Pump level	<input type="text" value="Ground level to the pump inlet"/> m			
Well-head protected ?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Recharge rate	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	
Apron	<input type="checkbox"/> Yes <input type="checkbox"/> No	Apron dimensions	<input type="text" value="Length/Radius"/> m	<input type="text" value="Width"/> m
Soak away	<input type="checkbox"/> Yes <input type="checkbox"/> No	Soak away dimensions	<input type="text" value="Depth"/> m	<input type="text" value="Length/Radius"/> m <input type="text" value="Width"/> m
Infiltration gallery	<input type="checkbox"/> Yes <input type="checkbox"/> No	Infiltration gallery dimensions	<input type="text" value="Depth"/> m	<input type="text" value="Length/Radius"/> m <input type="text" value="Width"/> m

Water Characteristic

EC @ 25°C	<input type="text" value="±"/> μS/cm	EC meter	<input type="text" value="Make and model"/>	<input type="text" value="Calibration date"/>
pH	<input type="text"/>	pH meter	<input type="text" value="Make and model"/>	<input type="text" value="Calibration date"/>
Temperature	<input type="text" value="°C"/>	Turbidity	<input type="text" value="NTU"/>	
E.Coli	<input type="text" value="MPN/100ml"/>	Colour	<input type="text"/>	
Smell	<input type="text"/>	Taste	<input type="text"/>	
Additional chemical analysis available?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Analysis source	<input type="text"/>	

Supply & distribution

Supply system condition?	<input type="checkbox"/> None <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			
Engine Room condition?	<input type="checkbox"/> None <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			
Storage tank capacity	<input type="text" value="m<sup>3</sup>"/>	Storage tank condition?	<input type="checkbox"/> None <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	
Taps/outlets	<input type="text" value="Number"/>	Pipeline delivery length	<input type="text" value="m"/>	
Animal troughs	<input type="text" value="Number"/>	Kiosks	<input type="text" value="Number"/>	
		Tankering points	<input type="text" value="Number"/>	

Supply & distribution continued

Water lifting technology

Submersible Surface Mono Handpump Bucket & Windlass

Pump

Make	Model Number	Serial Number	Date installed	Rated Delivery Delivery	Head
				m ³ /s	m

Prime Mover

Petrol Diesel Electric Solar panel Wind turbine

Engine

Make	Model Number	Serial Number	Date installed	Engine output	W

Generator

Make	Model Number	Serial Number	Date installed	Generator output	kVA

Source Management

Owner?

Private Community Other

Management Committee?

Yes No

Cost per unit

Tanker	\$/m ³	Camel	\$/100
Jerrican	\$/l	Cattle	\$/100
Drum	\$/l	Sheep/goat	\$/100

Additional notes & Sketches