



Water Resources Management Authority

BOREHOLE COMPLETION RECORD

Borehole No.....
Borehole Name... **Obbitu Childrens Home**
Formation..... **Metamorphics...**

PARTICULARS OF APPLICANT			DETAILS		
1. Full name of applicant(s) (In Block Letters)			OBBITU CHILDRENS HOME		
2. Category of Applicant - Individual, Group [Association, Society], Company, Institution			INSTITUTION		
3. ID Number of Applicant (Individual) or Certificate of Incorporation or Registration for Groups or Companies			CSNO.000636		
Physical Address where water is to be used (see sketch)			Contact Address of Applicant		
4. L/R Number(s)	MIN/TP/8/2012		5. Box Number	302	
6. Village(s)/Ward(s)	SOLOLO		7. Town	Moyale	
8. Sub-location(s)	SOLOLO Makutano		9. Post Code	60700	
10. Location(s)	Sololo Centre		11. Telephone Contact (Landline)		
12. Division(s)	Sololo		13. Telephone Contact (Mobile)	+254722920562	
14. District(s)	Moyale		15. Email Contact	cipadhome@yahoo.com	
PARTICULARS OF CONTRACTOR			JB Drilling (K) Ltd		
16. Box Number	12540		22. License Number	WD/WRC 001/85	
17. Town	Nakuru		23. Gazetted On	1992	
18. Post Code	20100		24. Drilling Supervisor	Dominic Werugia	
19. Telephone Contact (Landline)	050 50700/1		25. Type and Make of Drill Rig	Rotary-Ingersoll Rand TH60	
20. Telephone Contact (Mobile)	0720 250680				
21. Email Contact	admin@jbdriilling.com				
INTENDED USE OF WATER					
Public W.S.; Irrigation.; Industries.; Domestic.; Stock, other			Domestic		
PARTICULARS OF BOREHOLE					
Type of Borehole: - Drilled; Driven; Bored; Jetted; Other			Drilled		
Borehole Construction (also see sketch page 3)					
Drilling started (date)	31/10/2018	Drilling completed (date)	2/11/2018	All work completed (date)	2/11/2018
Total Depth: Reported (m)	122	Measured (m)	122	Final (back-filled) Depth (m)	
Hole Diameter (mm)	305	From (m)	0	To (m)	19
Hole Diameter (mm)	219	From (m)	19	To (m)	122
Hole Diameter (mm)		From (m)		To (m)	
Hole Diameter (mm)		From (m)		To (m)	



Permanent Casing									
Plain									
Type	Mild Steel Class B	Diam (mm)	254	Length (m)	15	From (m)	GL+0.5	To (m)	15
Type		Diam (mm)		Length (m)		From (m)		To (m)	
Type		Diam (mm)		Length (m)		From (m)		To (m)	
Slotted or Perforated:									
Size and Description of Openings									
Type		Diam (mm)		Length (m)		From (m)		To (m)	
Type		Diam (mm)		Length (m)		From (m)		To (m)	
Screen:									
Type and Make									
Diameter (mm)		Length (m)		set from (m)		To (m)			
Gravel Pack									
Size of grains (mm)	No Gravel pack		Roundness (good, fair, poor)		Volume inserted in annular Space (m3)				
			From (m)		To (m)				
Open Hole									
Diam (mm)	219		From (m)		15		To (m)		122
Aquifer									
1 st Water Struck at (m)					Water Rest Level (m)				
2 nd Water Struck at (m)					Water Rest Level (m)				
Main Aquifer Struck at (m)					Water Rest Level (m)				
Water bearing material			From (m)				To (m)		
Other Aquifers, Remarks, etc (also see log on page3)									
Yield: SWL (m)									
		PWL (m below surface)				Discharge (litres per minute)			
After pumping (hours)				Recovered to SWL in (minutes)					
Expected production discharge (litres per hour)				With pump set at (m below surface)					



<i>Pumping Test Record</i> in Summary (Detailed test records on attached sheets): (all depth measurements to be in metres below ground surface)		
	Test No. 1	Test No. 2
Date of Test (day, month, year)		
Depth of Borehole at time of test (m)		
Water Entry (perforations or screen setting at time of test)	From (m)	From (m)
	To (m)	To (m)
Static Water (SWL) before test (m)		
Type of Pump (Bailler) used		
Depth of Pump intake (m)		
Discharge (in litres per minute)		
Pumping Water Level (PWL m)		
After pumping continuously for (hours)		
Time of Recovery to Original SWL (minutes)		
Rate of Recovery-WL after 5 minutes (m)		
Rate of Recovery-WL after 20 minutes (m)		
Rate of Recovery-WL after 60 minutes (m)		
Rate of Recovery-WL after 180 minutes (m)		

(Additional pumping tests to be mentioned in REMARKS and included with file).

Government representative witnessing the test.....

Quality of Water					
Sample (Yes/No)	No	Collected at (hour)		On (date)	
Sediment		Taste		Odour	
Colour		Temperature (0c)		Spec. Conductivity ($\mu\text{mho}/\text{cm}^3$)	

<i>Remarks:</i> (drilling difficulties, gravel-pack details, all pertinent information about the drilling and completion of the hole)	Unproductive Borehole
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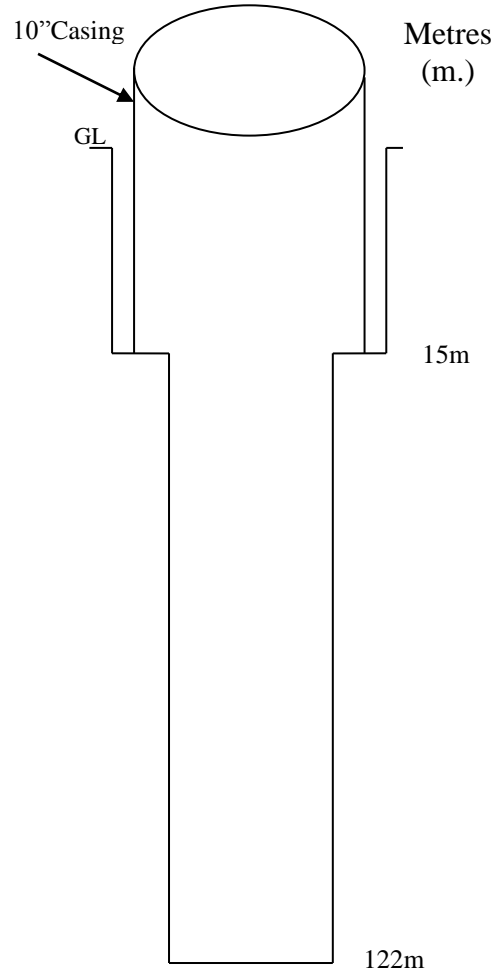
<i>Drilling Supervisor</i>		<i>Drilling Contractor</i>	
Signature		Signature	
Name		Name	
Date		Date	



Borehole No.
12. Sketch of Borehole Construction:

1. Driller's Log.

From (m.)	To (m.)	Drilling Rate (m./hr.)	Description of Formation Penetrated
0	19	31.6	
19	37	28.6	
37	55	16.4	
55	74	19	
74	98	7.7	
98	122	4.4	



(Geologist's log on attached sheets).

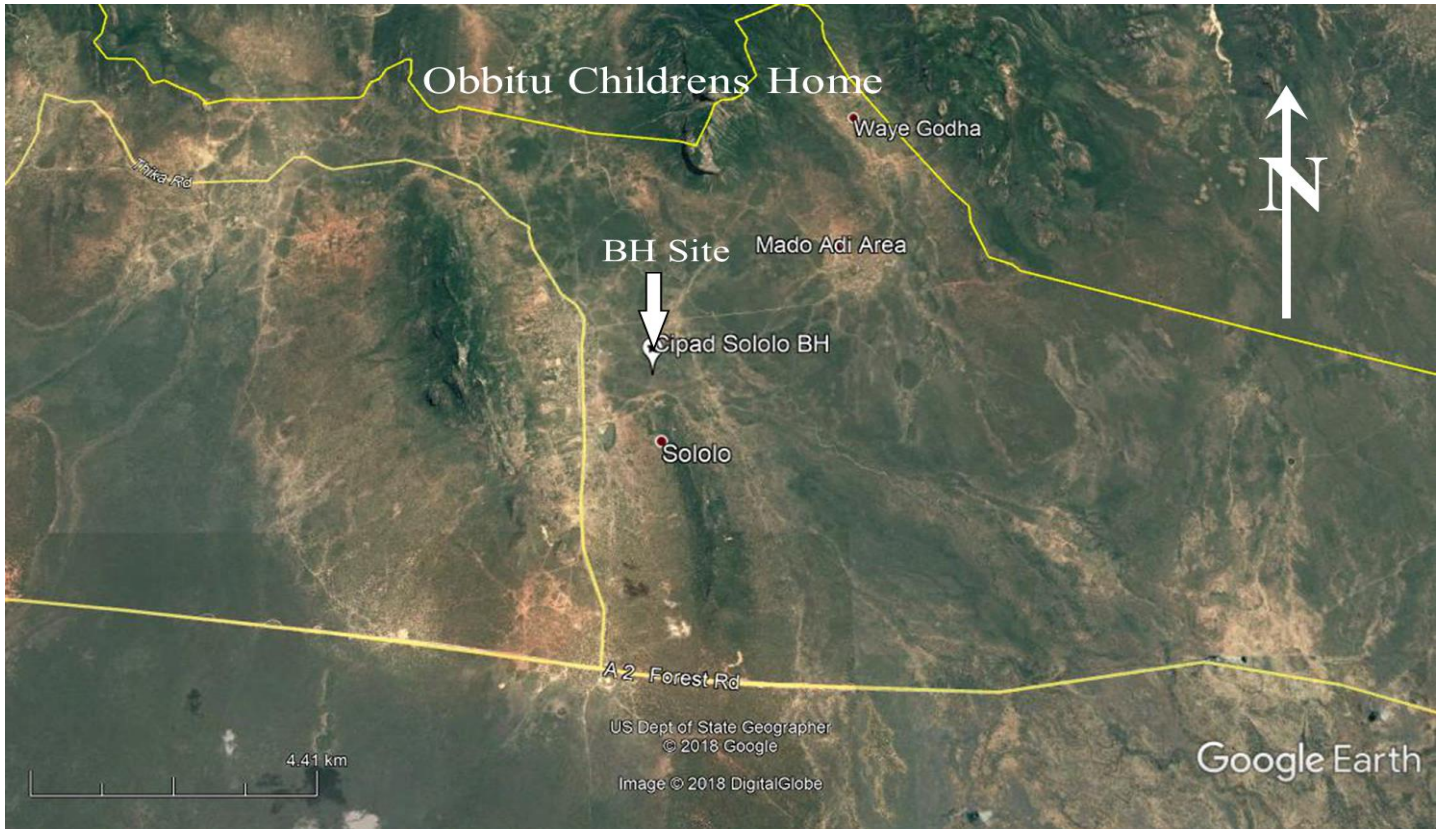
Remarks or additional information on Driller's log, or on sketch of Borehole:

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Total depth 122m
(Sketch to include: - depth and changes of hole diameter; casing positions, manner of casing (of different diam.) connections, and casing connection to screen; depths of screens or slotted casing lengths; how casing is closed at bottom; formation caving zones; and any other pertinent information).



13. *Location Sketch:* (To be sketched by the driller on the site, showing roads, tracks and prominent land marks, with road distances to nearest town or trading centre and to water source).



Borehole Coordinates 03° 33' 18.3"
038° 39' 23.6"

For Official Use Only

Entered on Schedule.....(Yes/No)	Water Sample Received.....(Yes/No)
Drilling Samples Received.....(Yes/No)	Chemical Analysis Received.....(Yes/No)
Drilling Samples Filed.....(Yes/No)	Geologist's Log Available.....(Yes/No)
Location Plotted on Maps.....(Yes/No)	
	Hydro geological Report No.....of..... (Date)
	Geophysical Curve No.....of..... (Date)

Borehole Data entered and checked by (Name).....Signature.....

Permit details

Permit Number Authorised abstraction m³/d
 Authorised water use(s)
 Pump intake depth m bgl Maximum authorised abstraction rate m³/hr

All Borehole Completion Records duly completed should be sent to the appropriate WRMA Regional Office.