



## Water Resources Authority

Grid Reference for Works (UTM Arc 1960)

Easting: \_\_\_\_\_

Northing: \_\_\_\_\_

Altitude m(amsl): \_\_\_\_\_

Zone: \_\_\_\_\_

Map sheet: \_\_\_\_\_

## BOREHOLE COMPLETION RECORD

(To be submitted in triplicate)

(Rule 55,)

Borehole No: .....

Borehole Name: .....

Formation: .....

PARTICULARS OF APPLICANT			DETAILS		
1. Full name of applicant(s) (In Block Letters)					
2. Category of Applicant - Individual, Group [Association, Society], Company, Institution					
3. ID Number of Applicant (Individual) or Certificate of Incorporation or Registration for Groups or Companies					
4. PIN Number (where available)					
<b>Physical Address where water is to be used (see sketch)</b>			<b>Contact Address of Applicant.</b>		
5. L.R Number(s)			12. Box Number		
6. Village(s)/			13. Town		
7. Sub Location			14. Post Code		
8. Location(s)			15. Telephone Contact (Landline)		
9. Division/Ward(s)			16. Telephone Contact (Mobile)		
10. Sub County			17. Email Contact		
11. County					
<b>PARTICULARS OF CONTRACTOR: NAME</b>					
18. Box Number			24. License Number		
19. Town			25. Gazetted On		
20. Post Code			26. Drilling Supervisor		
21. Telephone Contact (Landline)			27. Type and Make of Drill Rig		
22. Telephone Contact (Mobile)					
23. Email Contact					
<b>INTENDED USE OF WATER</b>					
Public W.S.; Irrigation.; Industries.; Domestic.; Stock, other					
<b>PARTICULARS OF BOREHOLE</b>					
Type of Borehole: - Drilled; Driven; Bored; Jetted; Other					
Borehole Construction (also see sketch page 3)					
Drilling started (date)		Drilling completed (date)		All work completed (date)	
Total Depth: Reported (m)		Measured (m)		Final (back-filled) Depth (m)	
Hole Diameter (mm)		From (m)		To (m)	



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Hole Diameter (mm)		From (m)		To (m)	
Hole Diameter (mm)		From (m)		To (m)	
Hole Diameter (mm)		From (m)		To (m)	

<b>Permanent Casing</b>									
<b>Plain</b>									
Type		Diam (mm)		Length (m)		From (m)		To (m)	
Type		Diam (mm)		Length (m)		From (m)		To (m)	
Type		Diam (mm)		Length (m)		From (m)		To (m)	
<b>Slotted or Perforated:</b>									
<b>Size and Description of Openings</b>									
Type		Diam (mm)		Length (m)		From (m)		To (m)	
Type		Diam (mm)		Length (m)		From (m)		To (m)	
<b>Screen:</b>									
<b>Type and Make</b>									
Diameter (mm)		Length (m)		set from (m)		To (m)			
<b>Gravel Pack</b>									
Size of grains (mm)		Roundness (good, fair, poor)		Volume inserted in annular Space (m3)					
		From (m)		To (m)					
<b>Open Hole</b>									
Diam. (mm)		From (m)		To (m)					
<b>Aquifer</b>									
1 <sup>st</sup> Water Struck at (m)		Water Rest Level (m)							
2 <sup>nd</sup> 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)									
<b>Yield:</b> SWL (m)		PWL (m below surface)		Discharge (litres per minute)					



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After pumping (hours)		Recovered to SWL in (minutes)	
Expected production discharge (litres per hour)		With pump set at (m below surface)	

*Pumping Test Record* 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 (Bailer) 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.....

<b>Quality of Water</b>					
Sample (Yes/No)		Collected at (hour)		On (date)	
Sediment		Taste		Odour	
Colour		Temperature (0c)		Spec. Conductivity (µmho/cm <sup>3</sup> )	

<i>Remarks:</i> (drilling difficulties, gravel-pack details, all pertinent information about the drilling and completion of the hole)	
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<i>Drilling Supervisor</i>	<i>Drilling Contractor</i>
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The Chief Executive Officer,  
Water Resources Authority,  
P.O. Box 45250 – 00100  
NAIROBI



Form: WRA 009  
Basin Area:  
WRA ID:  
File No:

## Water Resources Authority

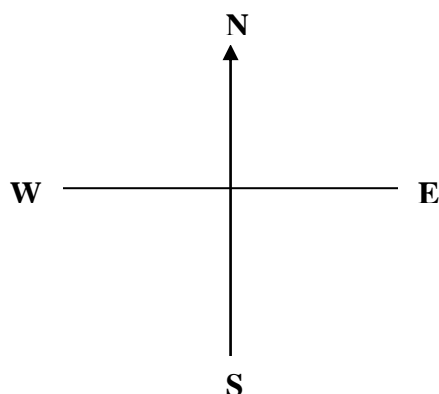
Signature		Signature	
Name		Name	
Date		Date	





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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).




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### 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 ..... m<sup>3</sup>/d

Authorised water use(s) .....

Pump intake depth ..... m bgl Maximum authorised abstraction rate ..... m<sup>3</sup>/hr

All Borehole Completion Records duly completed should be sent to the appropriate WRA Sub-basin Office.