Form:WRA 004 Catchment: WRMA ID: File:

Water Resources Management Authority

BOREHOLE COMPLETION RECORD

(To be submitted in triplicate)

(Rule 33)

Borehole No: C -

Borehole Name: Naroloong Dispensary

Formation: Basement Rocks

PARTICULARS OF	ICAN	Т	DETAILS						
1. Full name of ap	s) (In E	Block Letters)	NAROLOONG DISPENSARY						
Category of App			INSTITUTION						
[Association, Societ									
		ridual) or Certificate of							
	n for C	Groups or Companies							
4. PIN Number									
Physical Address (sketch)	wnere	water	is to be used (see	Contact Addre	ess of Applica	ant			
5. L/R Number(s)				6. Box Numbe	r				
7. Village(s)/Ward	(s) N	AROL	OONG	8. Town	NAROK				
9. Sub-location(s)		AROL	OONG	10. Post Code	20500				
11. Location(s)	М	ASUR	URA	12. Telephone	+254710	757263			
				Contact					
				(Landline)					
13. Division(s)	K	EIYAN		14. Telephone	+254710	757263			
				Contact (Mobile					
15. District(s)	K	EIYAN		16. Email	James.A	James.Ayacko@amref.org			
				Contact					
PARTICULARS OF	F CON		_	BETTERLINE WATER LTD					
17. Box Number		2727	7	22. License	WD/WC/	2769			
40 =			001	Number	00/00/00				
18. Town		NAIROBI		23. Gazetted O					
19. Post Code		0010	0	24. Drilling	MR. WIL	SON JUMA			
00 Talambana Oand	44	0700	040544	Supervisor	MAY DE	NI 1			
20. Telephone Cont (Landline)	ıacı	0736948511		25. Type and Make of Dril	MAX DR	IILL			
(Landine)				Rig	1				
21. Telephone Cont	tact	0722	619402	TXIG					
(Mobile)	laci	0122	019402						
22. Email Contact		info@	Dbetterlinewater.com		I				
INTENDED USE OF	F WATI		<u></u>						
			s.; Domestic.; Stock,	Domestic					
other									
PARTICULARS OF	F BORI	EHOLE							
		n; Bored; Jetted; Other	DRILLED						
Borehole Construct	tion (als	so see	sketch page 3)						
, ,	11/09/	2023	J 1	17/09/2023	All work	27/09/2023			
(date)			(date)		completed				
					(date)				
Total Depth:	120		Measured (m)	120	Final	Nil			
Reported (m)					(back-				
					filled)				
					Depth (m)				

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Hole Diameter (mm) 203		From (m)		0 To (r		To (m	n) 220						
Permane	ent Ca	sina											
Plain		<u> </u>											
Туре	Mild	steel	Dian (mm		230	Length (m)	3.6	Fro	om (m)	0	To	o (m)	3.6
Туре			Dian (mm	n .	152	Length (m)	72	Fro	om (m)	0 30 54 66 96 114	Тс	o (m)	12 48 60 78 108 120
Slotted o	r Perf	orate	d:		Slotted			•					
Size and Openings		iptio	n of										
Туре		steel	Dian (mm		152	Length (m)	48	Fro	om (m)	12 48 60 78 108	То	o (m)	24 54 66 96 114
Screen:			'			'	'				'		'
Type and	Make	•											
Diameter (mm)				Leng	th (m)		Set from (r	m)			To (m)		
Graval D	nck												
	Gravel Pack Gize of grains 2-4 mm)		Roundness (good, fair, poor) From (m)		in : (m		olume inserted n annular Space m3)		8 ton	nes			
Open Ho	<u> </u>				FIO	11 (111)			10	(111)			
Diam (mn		+			From	m (m)			To	(m)		+	
Aquifer	•/				11101	()			10	\''')		1	
1 st Water	Struck	at (n	n)	15-30)		Water Res	t Lev	vel (m)		4.06		
2 nd Water 3 rd water	Struck	k at (r	n)	85-10			Water Res						
Main Aqu				85-10	00		Water Res	t Lev	vel (m)				
Water beamaterial		tra	// fractu achytes		Froi	m (m)			То	(m)			
Other Aquetc etc (also see				-									
Yield: SV	Yield: SWL (m) 4.06			L (m below ace)	elow 99.58		Discharge (litres) per minute)		23.33				
After num	pina (I	hours	()		24	<u></u>	Recovered	to S		NL in (minutes)		26.33m(120mins	
After pumping (hours) Expected production discharge (litres per hour)				ge	140	0	, ,			108	,		

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	Test No. 1	Test No. 2
Date of Test (day, month, year)	29 th - 30 th Sept.2023	
Depth of Borehole at time of test (m)	120m	
Water Entry (perforations or screen setting at time of test)		
Static Water (SWL) before test (m)	4.06m	
Type of Pump (Bailler) used	SP 3/60	
Depth of Pump intake (m)	108m	
Discharge (in litres per minute)	23.33 l/m	
Pumping Water Level (PWL m)	99.58m	
After pumping continuously for (hours)	24	
Time of Recovery to Original SWL (minutes)		
Rate of Recovery-WL after 5 minutes (m)	96.63m	
Rate of Recovery-WL after 20 minutes (m)	85.64m	
Rate of Recovery-WL after 60 minutes (m)	57.95m	
Rate of Recovery-WL after 120 minutes (m)	26.33m	

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

Government representative witnessing the test......

Quality of Water					
Sample (Yes/No)	Clear	Collected at (hour)	1649	On (date)	30/09/2023
Sediment		Taste		Odour	
Colour		Temperature (0c)		Spec. Conductivity (μmho/cm³)	

Remarks: (drilling difficulties, gravel-pack details, all pertinent information about the drilling and completion of the hole)	DRILLING WENT ON WELL WITHOUT ANY CHALLENGE
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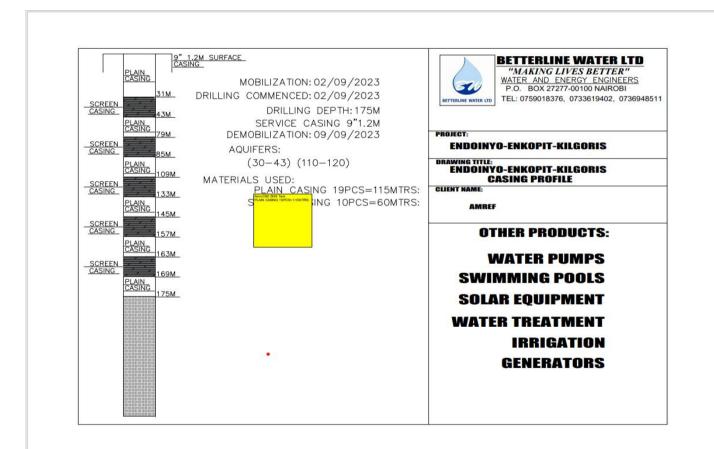
Drilling Supervisor		Drilling Contractor		
Signature		Signature		
Name	WILSON JUMA	Name	BETTERLINE WATER LIMITED	
Date	29/09/2023	Date	29/09/2023	

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1. Driller's Log.

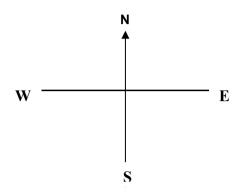
DEPTH (m)	GEOLOGICAL NATURE
0.0-5.0	Dry top soil
5.0 - 8.0	Weathered Sub soils
8.0-32.0	Compact Regolith
32.0-63.0	Weathered Basement
63.0-100.0	Weathered /Fractured basement
100.0 – 120.0	Slightly Weathered to Fresh Basement (aquiferous)

12. Sketch of Borehole Construction:



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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 the nearest town or trading centre and to water source)



UTM SITE COORDINATES 37M 0798608E UTM 9811375N

For C	Official Use Only	
Entered on Schedule(Yes/No)	Water Sample Received(Yes	s/No)
Drilling Samples Received(Yes/No)	Chemical Analysis Received(Yes	
Drilling Samples Filed (Yes/No) Geolog		,,,,,
Location Plotted on Maps(Yes/No)	gist 3 Log Available(103/140)	
(··)	Hydro geological Report Noof	
		(Date)
	Geophysical Curve Noof	
	• •	(Date)
Borehole Data entered and checked by (Name)	Signature	,
Permit details	G	
Permit Number Author	rised abstraction m³/d	
Authorised water use(s)		
Pump intake depth m bgl Maxim		

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