## APPLICATION FOR BOREHOLE DRILLING PERMIT (FORM E)

To be completed in duplicate (2)

## **BOREHOLE COMPLETION REPORT**

## WATER POINT INFORMATION

1. IDENTIFICATIO	ON AND LOCAT	ION DATA				
Type of water point:						
☐ Borehole	☐ Dug v	vell	augured shallow well			
Location: Longitude:		Latitude:			Altitude (m):	
Address:						
Water point ownership:	[	Private	☐ Pub	blic		Institutional
Water point use:	[ [	Domestic Irrigation	]		Livestock Industrial	
Reason for water point abar applicable)	ndonment (if	Low yield		□ '	Water quality	
Date abandoned (if applicat	ble):					
2. SITE SELECTIO	N DATA					
Name of landowner where	borehole is const	ructed and water	will be used:			
Date:	Method of selec	tion:	Resistivity Electromagne Other (Specify		Seismic None	
Note: Attach site selection	results (where a	pplicable)				
3. CONSTRUCTION	N DATA					
Contractor:						
Method of construction:		Air Rotary Augured	Cable Tool Dug		☐ Mud Rotary ☐ Other (Specify)	
Date of completion:						
Total well depth after completion (m):						
Water well diameter:						
	mm: _		_ From:		To:	
	mm: _		_ From:		To:	
	mm: _		From:		To:	
	mm: _		_ From:		To:	
Permanent casing/well ring	diameter (mm):					

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Permanent casing/well ring materia	nl: PVC	C			
Borehole sealing:	□ None	<b>                                   </b>			
Filter slot size & intervals:	mm:				
	mm:				
	mm:	From: To:			
Borehole filters:	Gravel Pack	☐ Natural Pack			
Method of development:	☐ Air Lift ☐ Other (Specify)	Bailed Compressed Air			
4. INSTALLATION DATA					
Type of Pump: Submersible Hand Pump Bucket	Pump	Mild Steel Centrifugal Pump Other (Specify):			
Date of pump installation: (day/mo					
Name of pump:		Pump capacity (m³/h):			
Pump installation intake depth (mb		— DVC			
	anized Iron nless Steel	PVC Other (Specify):			
Riser pipe diameter (mm):					
Pumping rod Galvai Material: Steel	nized Iron Pipe	☐ Wire ☐ Other (Specify):			
Pumping rod diameter (mm):					
NOTE: Fill out Secion 4 where appropiate					
5. HYDROGEOLOGICAL DATA					
Depth to bedrock (mbgl):					
Overall geological setting:					
Lithology (mbgl)					
From (m)	To (m)	Description			

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Water strike, Aquifer and yiel	d:				
Water Strike (mbgl)		Aquifer	Yield (r	m³/h)	
6. HYDROCHEMICA	L DATA				
Date of sampling (day/month	ı/year):				
Sampling method:	Pumping 🔲	Air-lifting 🔲 Bucket 🗆	Other (Specify):		
Sampling preservation:	None	☐ Acid	Other (Specify)	:	
Analyzed by: Name Organization					
		Organii	Zadon		
Parameter	Unit	Results	Date	Field/lab	
Parameter Turbidity	<b>Unit</b> FTU	-		Field/lab	
		-		Field/lab	
Turbidity Temperature (Time of	FTU	-		Field/lab	
Turbidity Temperature (Time of sampling)	FTU °C	-		Field/lab	
Turbidity Temperature (Time of sampling) Conductivity	FTU °C	-		Field/lab	
Turbidity Temperature (Time of sampling) Conductivity pH	FTU °C μS/cm	-		Field/lab	
Turbidity Temperature (Time of sampling) Conductivity pH Total alkalinity (CaCO <sub>3</sub> )	FTU °C μS/cm	-		Field/lab	
Turbidity Temperature (Time of sampling) Conductivity pH Total alkalinity (CaCO <sub>3</sub> ) Hardness (CaCO <sub>3</sub> )	FTU  °C  μS/cm  mg/l  mg/l	-		Field/lab	
Turbidity  Temperature (Time of sampling)  Conductivity  pH  Total alkalinity (CaCO <sub>3</sub> )  Hardness (CaCO <sub>3</sub> )  Magnesium (Mg <sup>2+</sup> )	FTU  °C  μS/cm  mg/l  mg/l  mg/l	-		Field/lab	
Turbidity Temperature (Time of sampling) Conductivity pH Total alkalinity (CaCO <sub>3</sub> ) Hardness (CaCO <sub>3</sub> ) Magnesium (Mg <sup>2+</sup> ) Sodium (Na <sup>+</sup> )	FTU  °C  µS/cm  mg/l  mg/l  mg/l  mg/l  mg/l	-		Field/lab	
Turbidity Temperature (Time of sampling) Conductivity pH Total alkalinity (CaCO <sub>3</sub> ) Hardness (CaCO <sub>3</sub> ) Magnesium (Mg <sup>2+</sup> ) Sodium (Na <sup>+</sup> ) Potassium (K <sup>+</sup> )	FTU  °C  µS/cm  mg/l  mg/l  mg/l  mg/l  mg/l  mg/l	-		Field/lab	
Turbidity Temperature (Time of sampling) Conductivity pH Total alkalinity (CaCO <sub>3</sub> ) Hardness (CaCO <sub>3</sub> ) Magnesium (Mg <sup>2+</sup> ) Sodium (Na <sup>+</sup> ) Potassium (K <sup>+</sup> ) Carbonate (CO <sub>3</sub> <sup>+</sup> )	FTU  °C  µS/cm  mg/l  mg/l  mg/l  mg/l  mg/l  mg/l  mg/l	-		Field/lab	
Turbidity  Temperature (Time of sampling)  Conductivity  pH  Total alkalinity (CaCO <sub>3</sub> )  Hardness (CaCO <sub>3</sub> )  Magnesium (Mg <sup>2+</sup> )  Sodium (Na <sup>+</sup> )  Potassium (K <sup>+</sup> )  Carbonate (CO <sub>3</sub> <sup>+</sup> )  Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )	FTU  °C  µS/cm  mg/l  mg/l  mg/l  mg/l  mg/l  mg/l  mg/l  mg/l  mg/l	-		Field/lab	
Turbidity  Temperature (Time of sampling)  Conductivity  pH  Total alkalinity (CaCO <sub>3</sub> )  Hardness (CaCO <sub>3</sub> )  Magnesium (Mg <sup>2+</sup> )  Sodium (Na <sup>+</sup> )  Potassium (K <sup>+</sup> )  Carbonate (CO <sub>3</sub> <sup>+</sup> )  Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )  Sulphate (SO <sub>4</sub> <sup>2-</sup> )	FTU  °C  µS/cm  mg/l	-		Field/lab	
Turbidity  Temperature (Time of sampling)  Conductivity  pH  Total alkalinity (CaCO <sub>3</sub> )  Hardness (CaCO <sub>3</sub> )  Magnesium (Mg <sup>2+</sup> )  Sodium (Na <sup>+</sup> )  Potassium (K <sup>+</sup> )  Carbonate (CO <sub>3</sub> <sup>+</sup> )  Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )  Sulphate (SO <sub>4</sub> <sup>2-</sup> )  Chloride (Cl <sup>-</sup> )	FTU  °C  µS/cm  mg/l	-		Field/lab	
Turbidity  Temperature (Time of sampling)  Conductivity  pH  Total alkalinity (CaCO <sub>3</sub> )  Hardness (CaCO <sub>3</sub> )  Magnesium (Mg <sup>2+</sup> )  Sodium (Na <sup>+</sup> )  Potassium (K <sup>+</sup> )  Carbonate (CO <sub>3</sub> <sup>+</sup> )  Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )  Sulphate (SO <sub>4</sub> <sup>2-</sup> )  Chloride (Cl <sup>-</sup> )  Nitrate (NO <sub>3</sub> <sup>-</sup> )	FTU  °C  µS/cm  mg/l  mg/l	-		Field/lab	

APPLICA To be comple			HOLE DRILLING	PERI	MIT (FORM I	E)	
Fluoride (F <sup>-</sup> )		mg/l					
Free Carbon die	oxide (C0 <sub>2</sub> )	mg/l					
Total dissolved	solids	mg/l					
Faecal Coliform	1	No/100ml					
7. YIEI	D TEST, FLOW	V AND WATE	R LEVEL DATA				
Test carried out by: Organization: Name: Title						2	
Date of test:				Duration	n of test (hrs):		
A. Step	test:	Yes / N	0	ı			
Step	Pump rate	(m³/h)	Yield (m³/h)	Dr	rawdown (m)	Spec	cific capacity (m³/h/m)
1							
2							
3							
4							
B. Cons	B. Constant Rate test: Yes / No						
Average pumping rate during test (m³/h):							
Statistic Water	Statistic Water Level (mbgl): Date measured:						
Pumping water	Pumping water level (Dynamic Water Level)(mbgl)  Drawdown (m):						
Transmissivity (m²/day):				Specific Capacity (m³/h/m):			
C. Natı	C. Natural Flow:  Yes / No						
D. Air Lift test: ☐ Yes / ☐ No							
NOTE: Pumping test results should be attched to application							
OTHER INFO	RMATION (TI	nis may be r	elevant information not	mention	ed in the sections	above	)
8. DET	AILS OF ORG	ANIZATION	SUBMITTING DATA				
Name:							
Address:							
Telephone #:				Fax #:			

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Email:				
Name of responsible officer:	Title:			
Signature:	Date of Submission:			
Stamp of organization				