BKSA - FORM A

GEOLOGICAL LOG AND WELL DESIGN

Project:……	Collar height:……..m	Well No:……
Location:……..	Reduced Ground Level:……m	Date commenced:……
……..	Name of driller:……	Date completed:……
Owner:…….	Drilling method:……	Total depth of drilled:……m
Drilling company:……...	Static water level:……m	Depth of well:……m
Recorded by:……..	(below ground level)	Drilling rig:……..
Certified by Consultant Geologist:	Date of measurement:……	
……..		
Date:……		

Depth (m)	Litho logic Description	Geologic Formation	Geophysical log	Depth of aquifer and water level (m)	Design of well (Casing, screen, etc.) (diameter in mm)

BKSA - FORM B

STEP DRAWDOWN PUMPING TEST RECORD

Well No.: ……
Well Depth: ……..m
Screen Interval: ……..m
Collar Height: ……..m
Distance from pumping well: ……..m
Reduced ground level: ……..m

Date:

Commencement of pumping:
Time: …….
Date: …….
End of pumping:
Time: …….
Date: …….
Static Water Level: ……..m
(below ground level)
Pumping Rate: …….m^3/day

Time from start of pumping (min)	Phase 1 Yield (Q) = m^3/hr		Phase 2 Yield (Q) = m^3/hr		Phase 3 Yield (Q) = m^3/hr		Phase 4 Yield (Q) = m^3/hr		Phase 5 Yield (Q) = m^3/hr		Remarks
	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
7.5											
10.0											
15.0											
20.0											
25.0											
30.0											
35.0											
40.0											
45.0											
50.0											

BKSA - FORM B (continued)

Time from start of pumping (min)	Phase 1 Yield (Q) = m^3/hr		Phase 2 Yield (Q) = m^3/hr		Phase 3 Yield (Q) = m^3/hr		Phase 4 Yield (Q) = m^3/hr		Phase 5 Yield (Q) = m^3/hr		Remarks
	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	Water Level (m)	Draw down (m)	
55.0											
60.0											
65.0											
70.0											
80.0											
85.0											
90.0											
95.0											
100.0											
110.0											
120.0											
130.0											
140.0											
150.0											
160.0											
170.0											
180.0											

BKSA - FORM C

CONSTANT DISCHARGE PUMPING TEST RECORD

Well No.: ……..

Well Depth: ……..m

Screen Interval: ……..m

Distance from pumping well: ……..m

Collar Height: ……..m

Reduced ground level: ……..m

Date: ……..

Commencement of pumping:
Time: ……..
Date: ……..

End of pumping:
Time: ……..
Date: ……..

Static Water Level: ……..m
(below ground level)

Pumping Rate: ……..m^3/day

Date/ Time	Time after start of pumping (min)	Water Level (m)	Draw down (m)	Remarks	Date/ Time	Time After start of pumping (min)	Water Level (m)	Draw down (m)	Remarks
	0.00					160.00			
	0.20					200.00			
	0.50					250.00			
	1.00					300.00			
	150					350.00			
	2.00					400.00			
	2.50					450.00			
	3.00					500.00			
	3.50					550.00			
	4.00					600.00			
	4.50					700.00			
	5.00					800.00			
	6.00					900.00			
	7.00					1000.00			
	8.00					1200.00			
	9.00					1400.00			
	10.00					1600.00			
	15.00					1800.00			
	20.00					2000.00			
	25.00					2250.00			
	30.00					2500.00			
	35.00					3000.00			
	40.00					3400.00			
	45.00					3800.00			
	50.00					4200.00			
	55.00					4600.00			
	60.00					5000.00			
	70.00					5500.00			
	80.00					6000.00			
	90.00					6500.00			
	100.00					7000.00			
	120.00					7500.00			

BKSA - FORM D

RECOVERY TEST RECORD

Well No.: ……..

Well Depth: ……..m

Screen Interval: ……..m

Distance from pumping well: ……..m

Collar Height: ……..m

Reduced ground level: ……..m

Date: ……..

Commencement of pumping:
Time: ……..
Date: ……..

End of pumping:
Time: ……..
Date: ……..

Static Water Level: ……..m
(below ground level)

Pumping Rate: ……..m^3/day

Date/ Time	Time from start of pumping (min) t	Time from end of pumping (min) t'	t/t'	Water Level (m)	Residual Draw down (m)	Date/ Time	Time from start of pumping (min) t	Time from end of pumping (min) t'	t/t'	Water Level (m)	Residual Draw down (m)
		0.00 0.50 1.00 150 2.00 2.50 3.00 3.50 4.00 4.50 5.00 6.00 7.00 8.00 9.00 10.00 15.00 20.00 25.00 30.00 35.00 40.00 45.00 50.00 55.00 60.00						70.00 80.00 90.00 100.00 120.00 140.00 160.00 180.00 210.00 240.00 270.00 300.00 360.00 420.00 480.00 540.00 600.00 660.00 720.00 780.00 840.00 900.00 960.00 1020.00 1080.00 1140.00			