



BKSA

GEOLOGICAL LOG AND WELL DESIGN

**No. Dokumen:
PK-PSUKNS-30/ISO/06**

Muka Surat: 1/5

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)



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CONSTANT DISCHARGE PUMPING TEST RECORD

No. Dokumen:
PK-PSUKNS-30/ISO/06

Muka Surat: 4/5

Well No.: Commencement of pumping:
 Time:

Well Depth:m Date:

Screen Interval:m End of pumping:
 Time:

Distance from pumping well:m Date:

Collar Height:m Static Water Level:m
 (below ground level)

Reduced ground level:m Pumping Rate: 3
m /day

Date:

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			



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RECOVERY TEST RECORD

No. Dokumen:
PK-PSUKNS-30/ISO/06

Muka Surat: 5/5

Well No.: Commencement of pumping:
 Time:
 Well Depth:m Date:
 Screen Interval:m End of pumping:
 Time:
 Distance from pumping well:m Date:
 Collar Height:m Static Water Level:m
 (below ground level)
 Reduced ground level:m Pumping Rate: 3
m /day

Date:

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						70.00			
		0.50						80.00			
		1.00						90.00			
		1.50						100.00			
		2.00						120.00			
		2.50						140.00			
		3.00						160.00			
		3.50						180.00			
		4.00						210.00			
		4.50						240.00			
		5.00						270.00			
		6.00						300.00			
		7.00						360.00			
		8.00						420.00			
		9.00						480.00			
		10.00						540.00			
		15.00						600.00			
		20.00						660.00			
		25.00						720.00			
		30.00						780.00			
		35.00						840.00			
		40.00						900.00			
		45.00						960.00			
		50.00						1020.00			
		55.00						1080.00			
		60.00						1140.00			