

Borehole No. C.....

Total Depth of Well: 65m

Contractor: VALLEY DRILLERS

Depth of Pump

Client: BlackAndWhiteProject e.V

Intake: 61m

Site Name: Nakolonyoi Community

Datum Level:

Average Yield 3.5m³ per hr

CONSTANT DISCHARGE TEST

Date: 16/07/2026

Time	Elapsed Time (min)	Water Level (m bgl)	Drawdown (m)	Yield (m ³ /hr)	EC uS/cm	Remarks
	0	3.00				Start of constant discharge test
	1	4.00	1.00	7.5m ³ per hr		Volumetric measurement
	2	6.00	3.00			Gate Valve Full Throttle
	3	7.50	4.50			
	4	9.00	6.00			
	5	10.00	7.00			
	6	11.30	8.30			
	7	12.20	9.20			
	8	13.10	10.10			
	9	14.00	11.00			
	10	14.90	11.90			
	12	15.70	12.70			
	14	16.50	13.50	6.5m ³ per hr		
	16	17.20	14.20			
	18	17.90	14.90			
	20	18.40	15.40			
	25	19.10	16.10			
	30	19.90	16.90			
	35	20.60	17.60			
	40	21.30	18.30			
	45	21.90	18.90			
	50	22.50	19.50			
	55	23.20	20.20			
	60 (1hr)	23.70	20.70			
	70	24.00	21.00			
	80	24.80	21.80			
	90	25.40	22.40			
	100	26.00	23.00			
	110	26.70	23.70	4.5m ³ per hr		Gate Valve Reduced
	120 (2 hrs)	27.30	3.00			

	135	27.90	24.90			
	150	28.40	25.40			
	165	29.10	26.10			
	180 (3hrs)	29.70	26.70			
	195	30.20	27.20			
	210	30.80	27.80			
	225	31.30	28.30			
	240 (4hrs)	31.80	28.80			
	270	32.40	29.40			
	300 (5hrs)	32.90	29.90			
	330	33.30	30.30			Gate Valve Reduced
	360 (6hrs)	33.61	30.61			
	390	33.92	30.92			
	420 (7hrs)	34.22	31.22			
	450	34.48	31.48			
	480 (8hrs)	34.70	31.70	3.5m ³ per hr		
	510	35.00	32.00			
	540 (9hrs)	35.26	32.26			
	570	35.57	32.57			
	600 (10hrs)	35.68	32.68			
	660 (11hrs)	35.90	31.90			
	720 (12hrs)	36.18	33.18			
	780 (13hrs)	36.30	33.30			
	840 (14hrs)	36.47	33.47			
	900 (15hrs)	36.60	33.60			
	960 (16hrs)	36.75	33.75			
	1020 (17hrs)	36.89	33.89			
	1080 (18hrs)	37.00	34.00			
	1140 (19hrs)	37.50	34.50			
	1200 (20hrs)	37.60	34.60			
	1260 (21hrs)	37.70	34.70			
	1320 (22hrs)	37.70	34.70			
	1380 (23hrs)	37.70	34.70			
	1440 (24hrs)	37.70	34.70	3.5m ³ per hr		End of constant discharge test

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Depth of Pump Intake: 61m
Datum Level:
Form of measurement

RECOVERY CONSTANT DISCHARGE TEST

Date: 17/07/2026

Time	Elapsed Time (min)	Water Level (m bdl)	Residual Drawdown	Recovery %	Remarks
	1	37.70	34.70		Start recovery observations
	2	35.00	32.00		Maximum Drawdown = 34.70m
	3	33.70	30.70		
	4	32.40	29.40		
	5	31.60	28.60		
	6	31.00	28.00		
	7	30.00	27.00		
	8	29.20	26.20		
	9	28.60	25.60		
	10	27.60	24.60		
	12	26.00	23.00		
	14	25.20	22.20		
	16	24.50	21.50		
	18	23.70	20.70		
	20	22.40	19.40		
	25	21.60	18.60		
	30	20.40	17.40		
	35	19.50	16.50		
	40	18.70	15.70		
	45	17.50	14.50		
	50	16.60	13.60		
	60	15.80	12.80		
	70	14.90	11.90		
	80	14.00	11.00		
	90	13.10	10.10		
	100	12.30	9.30		
	110	11.40	8.40		
	120	10.00	7.00		
	130	9.20	6.20		
	140	8.40	5.40		
	150	7.50	4.50		
	160	7.00	4.00		

	170	6.20	3.20		
	180	5.00	2.00		