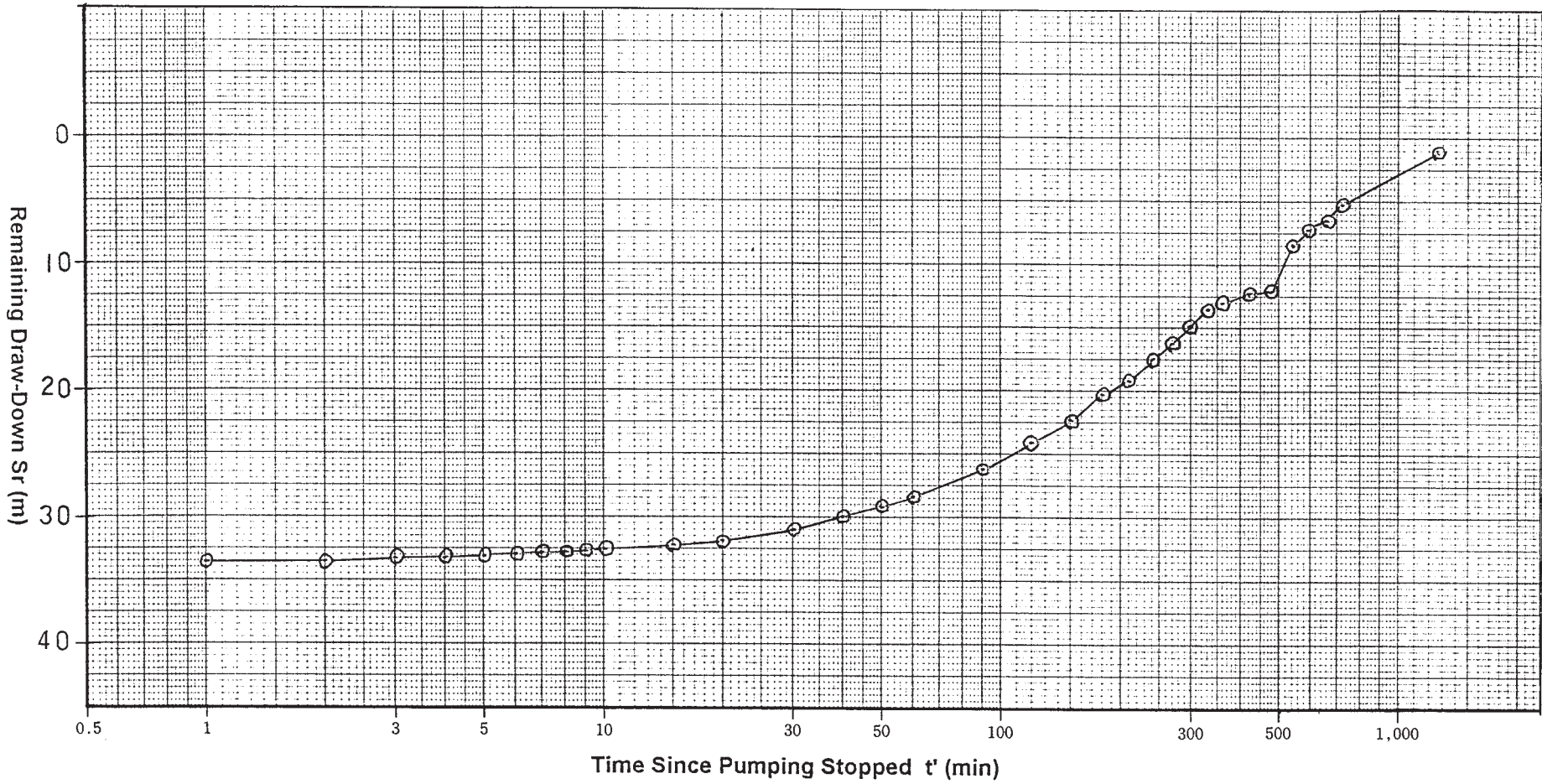


RECOVERY TEST (WT-8)

Static Water Level	GL- 4.90 m
Discharge before Pumping Stop	Q = l/min
D, W, L, before Pumping Stop	GL - m
Pumping Time before Pumping Stop	t = 3.720 min



D3-20

CONTINUOUS TEST (LTA-2)

Method of Jacob.

Coefficient of Transmissibility

$$T = \frac{0.183 \times Q}{\Delta S} = \frac{0.183 \times 0.417}{0.38 \times 60} = 3.35 \times 10^{-3} \text{ m}^2/\text{sec}$$

Coefficient of Permeability

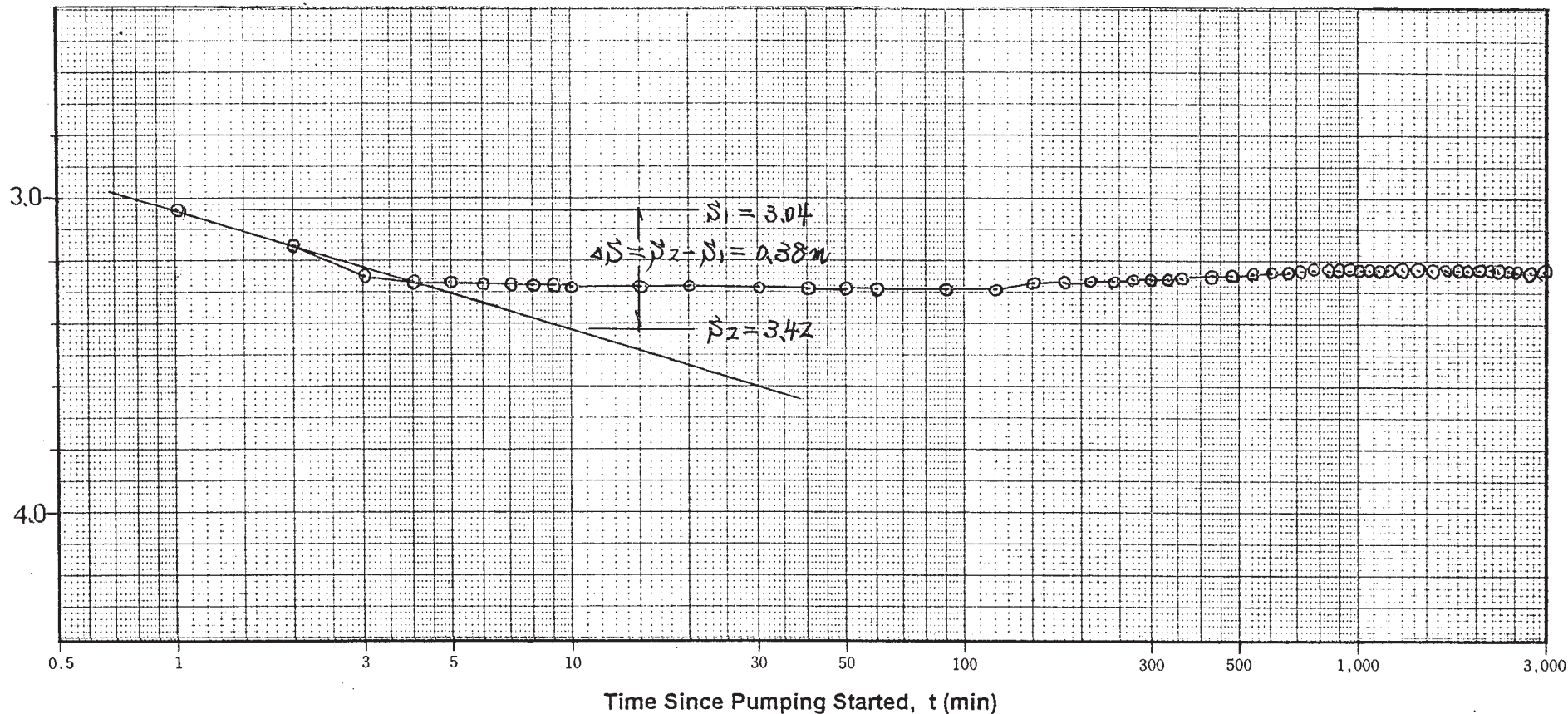
$$K = \frac{T}{b} = \frac{3.35 \times 10^{-3}}{7.25} = 4.62 \times 10^{-4} \text{ m/sec}$$

$$= 4.62 \times 10^{-2} \text{ cm/sec}$$

Static Water Level	GL-3.55 m
Discharge	Q = 4.17 l/min
Draw-Down of 1 cycle of log t	$\Delta s = 0.38 \text{ m}$
Thickness of Aquifer	b = 7.25 m

D3-21

Draw-Down S (m)



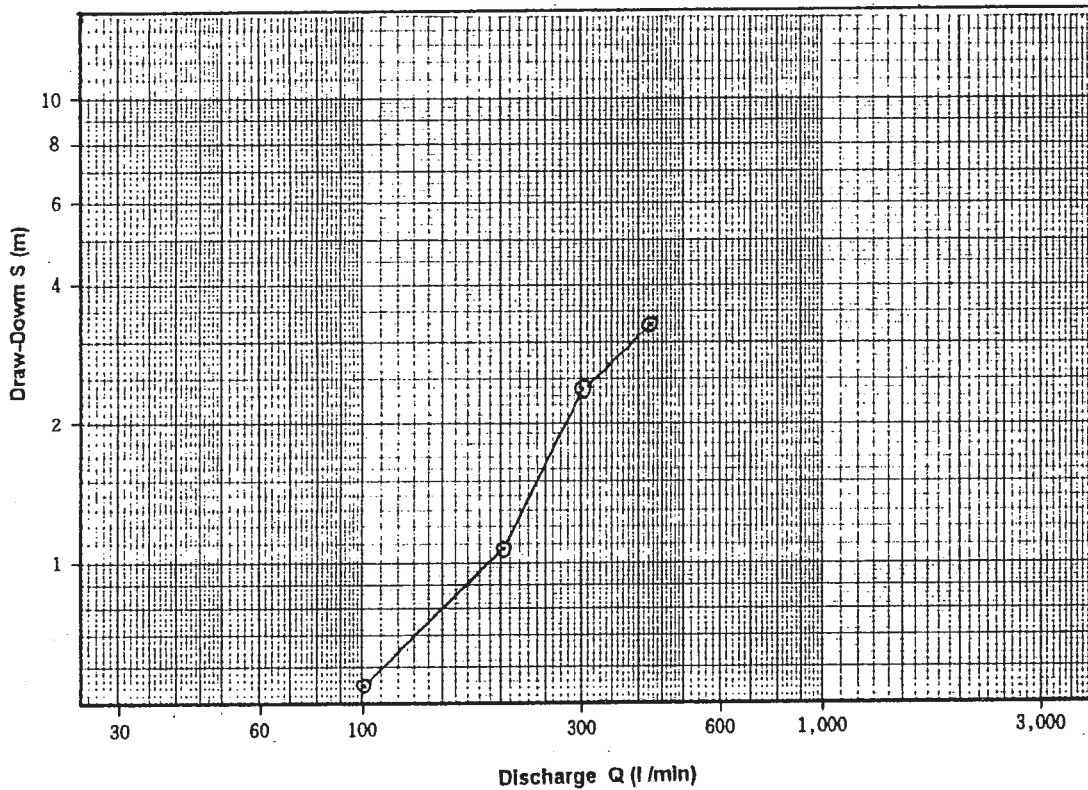
Step Draw-Down Test

Date: 05/07/97

Well No: LJA-2

Depth: 35.00 m

Items	Discharge Q		Water Level GL - (m)	Draw-Down (m)	Remark
	(l/min)	(m ³ /hr)			
step1	102.5	6.13	4.10	0.35	
step2	204.6	12.28	4.63	1.08	
step3	306.7	18.40	5.94	2.39	
step4	417.0	25.02	6.83	3.28	
step5					
step6					
step7					
Critical					
Aptitude					
S.W.L.	GL - 3.55 (m)				Static Water Level
Water temp.	29.5 (°C)				



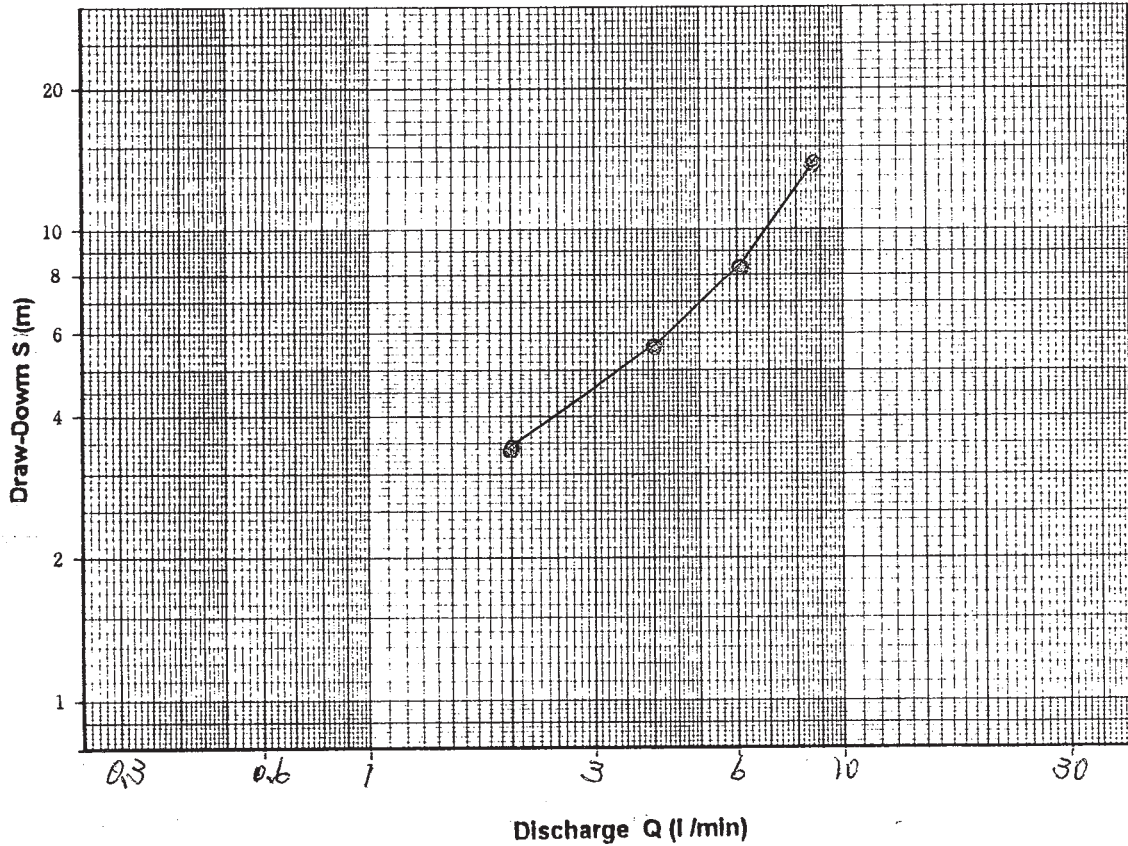
Step Draw-Down Test

Date: 04/11/1997

Well No: LTB-1

Depth: 73.00 m

Items	Discharge Q		Water Level	Draw-Down	Remark
	(l/min)	(m ³ /hr)	GL - (m)	(m)	
step1	7.00	0.120	6.770	3.451	
step2	4.00	0.240	8.900	5.581	
step3	6.00	0.360	11.640	8.321	
step4	8.57	0.514	17.250	13.931	
step5					
step6					
step7					
Critical					
Aptitude					
S.W.L.	GL - 33.19(m)				Static Water Level
Water temp.	30.1 (°C)				



CONTINUOUS TEST (LTB-1)

Method of Jacob

Coefficient of Transmissibility

$$T = \frac{0.183 \times Q}{\Delta S} = \frac{0.183 \times 8.57 \times 10^{-3}}{8.10 \times 60} = 3.23 \times 10^{-6} \text{ m}^2/\text{sec}$$

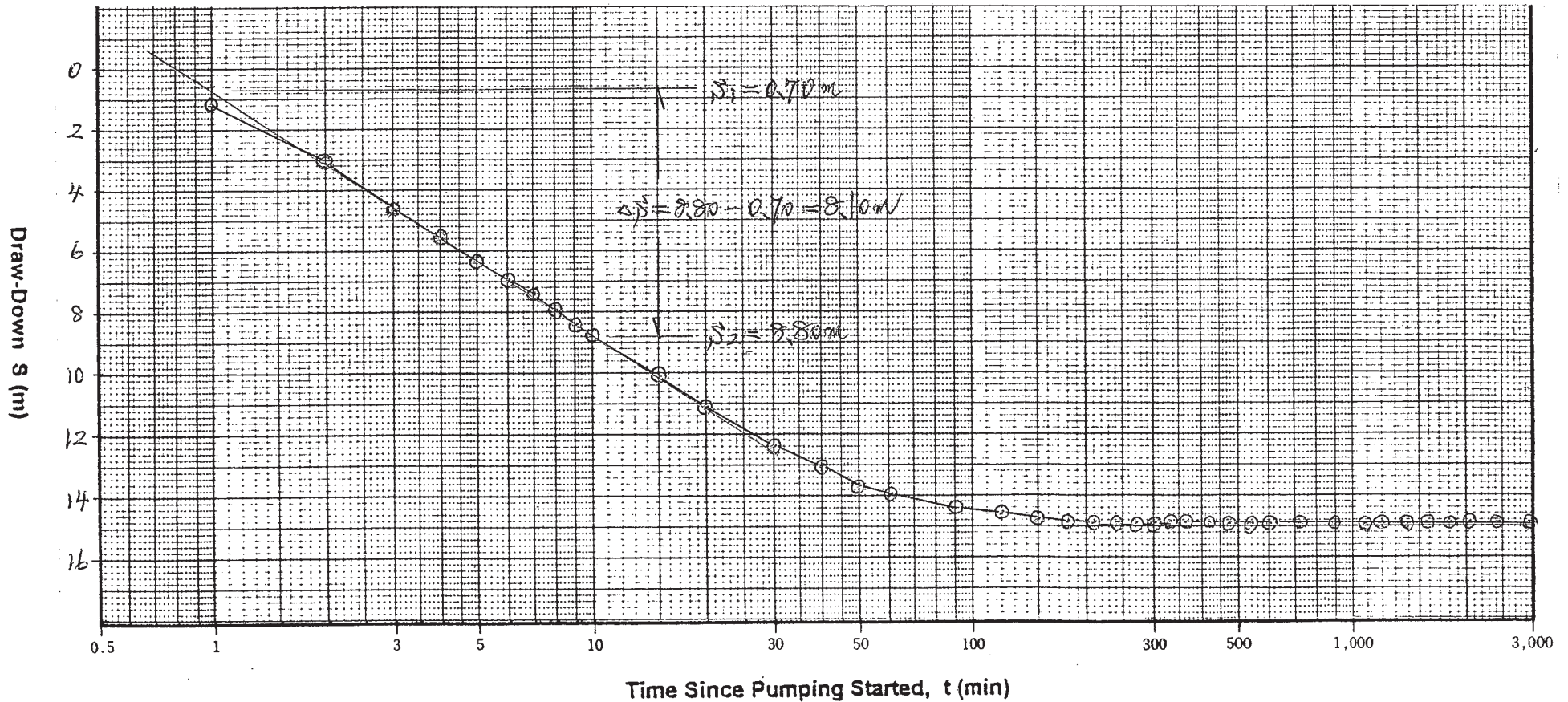
Coefficient of Permeability

$$K = \frac{T}{b} = \frac{3.23 \times 10^{-6}}{7.25} = 4.46 \times 10^{-7} \text{ m/sec}$$

$$= 4.46 \times 10^{-5} \text{ cm/sec}$$

Static Water Level	GL - 3.319 m
Discharge	Q = 8.57 l/min
Draw-Down of 1 cycle of log t	$\Delta S = 8.10 \text{ m}$
Thickness of Aquifer	b = 7.25 m

D3-24



RECOVERY TEST (LTb-1)

Method of Draw-up

Coefficient of Transmissibility

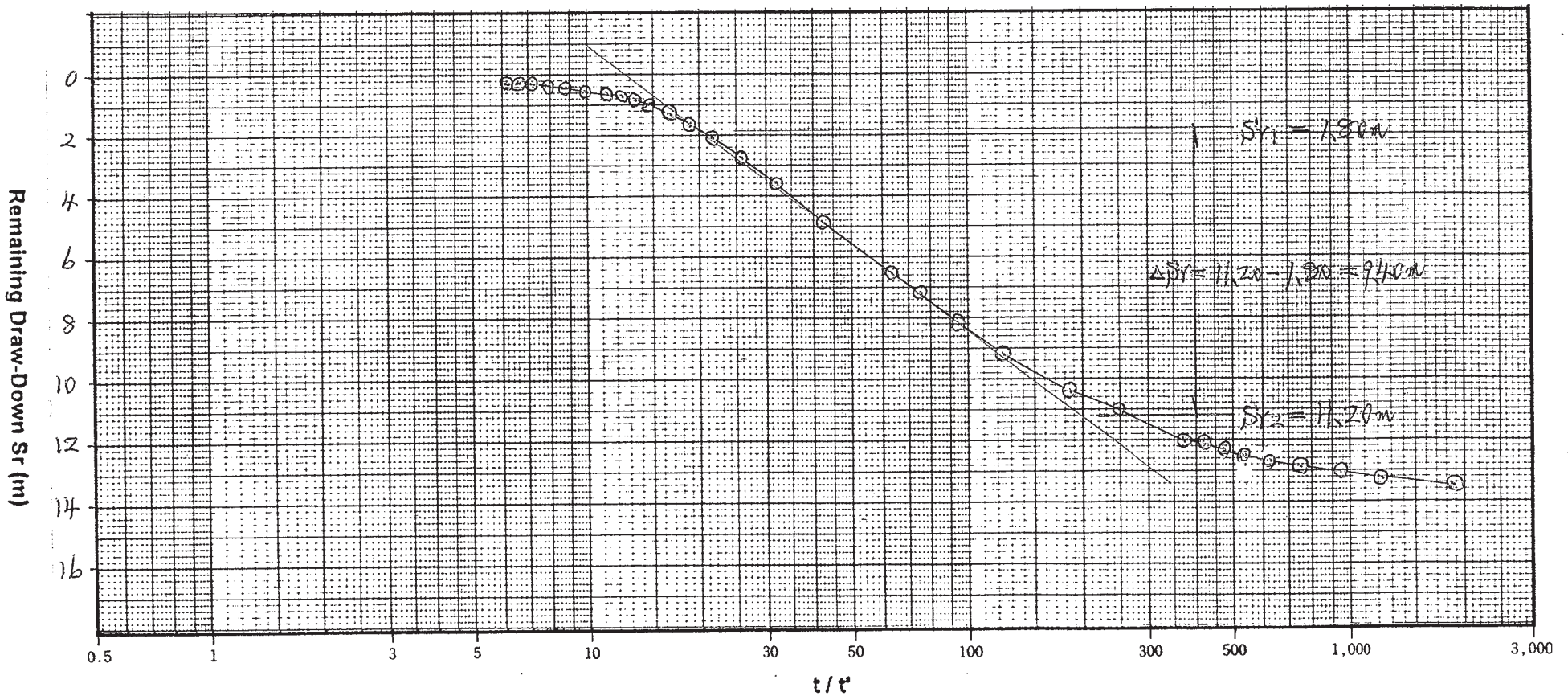
$$T = \frac{0.183 \times Q}{\Delta Sr} = \frac{0.183 \times 8.57 \times 10^{-3}}{240 \times 60} = 2.78 \times 10^{-6} \text{ m}^2/\text{sec}$$

Coefficient of Permeability

$$K = \frac{T}{b} = \frac{2.78 \times 10^{-6}}{7.25} = 3.83 \times 10^{-7} \text{ m/sec}$$

$$= 3.83 \times 10^{-5} \text{ cm/sec}$$

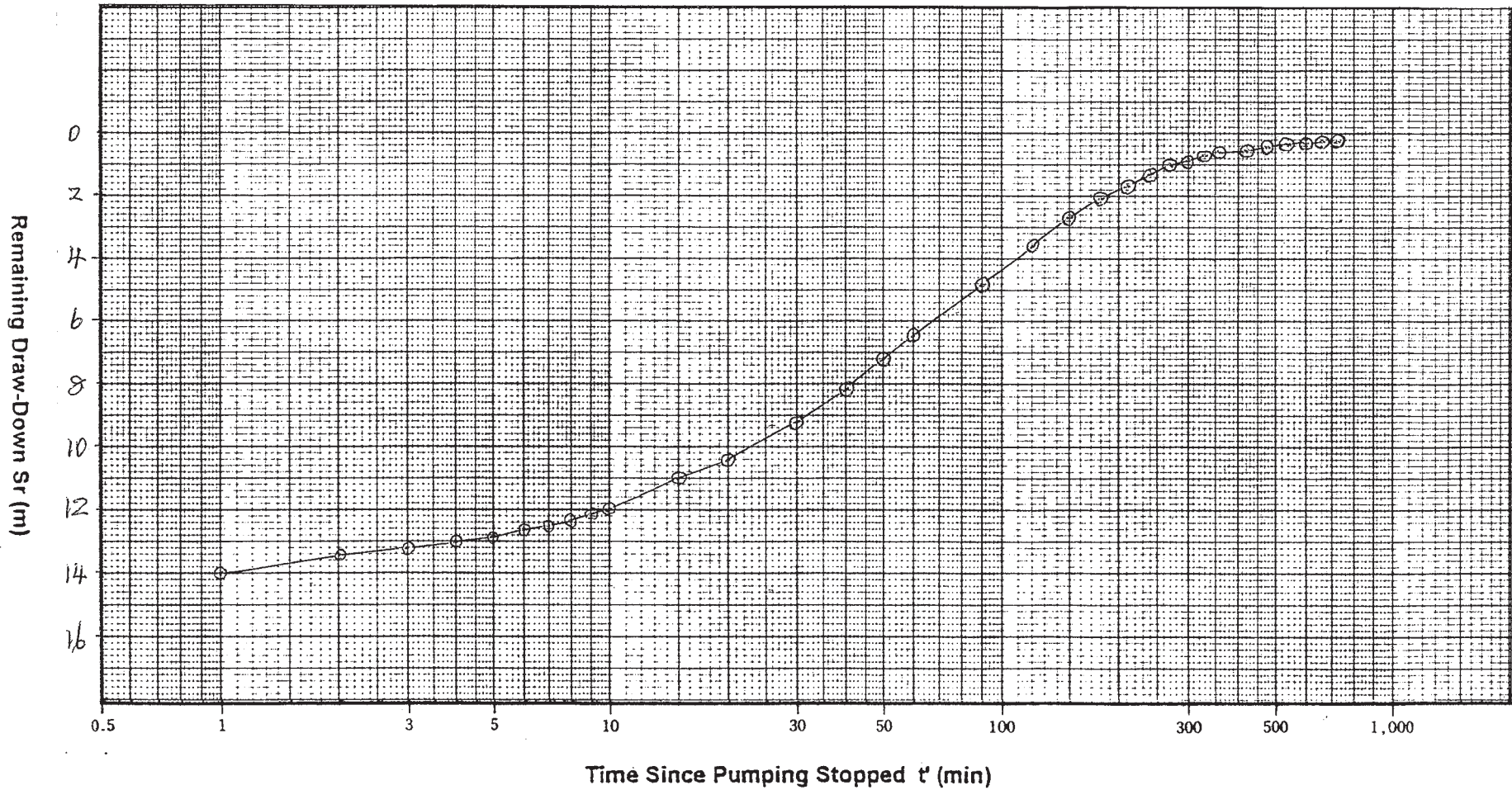
Static Water Level	GL - 3.319 m
Discharge before Pumping Stop	Q = 8.57 l/min
Draw-Down of 1 cycle of log t/t'	$\Delta Sr = 9.40 \text{ m}$
Thickness of Aquifer	b = 7.25 m



D3-25

RECOVERY TEST (LTb-1)

Static Water Level	GL - 3.319 m
Discharge before Pumping Stop	Q = 8.57 l/min
D. W. L. before Pumping Stop	GL - 18.197 m
Pumping Time before Pumping Stop	t = 3.720 min

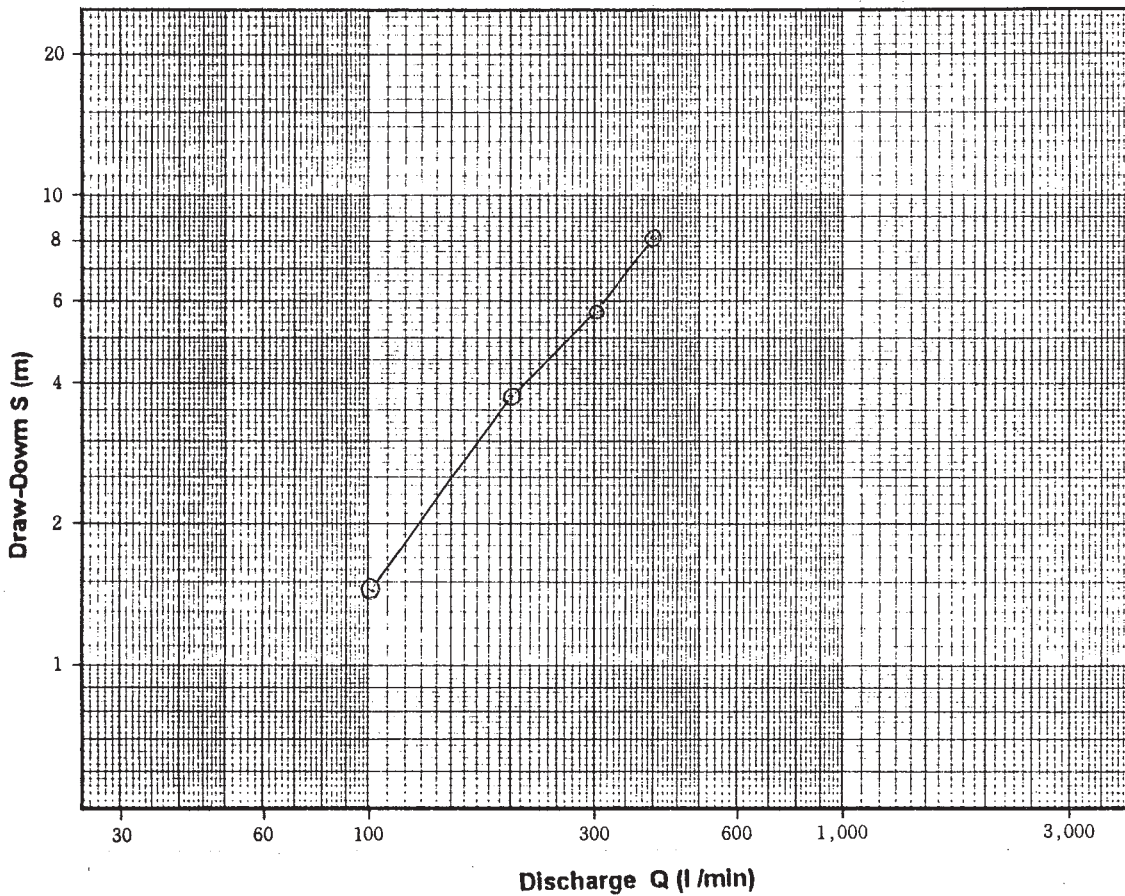


D3-26

Step Draw-Down Test

Date: 05/07/1
 Well No: LTB-2
 Depth: 40.00 m

Items	Discharge Q		Water Level	Draw-Down	Remark
	(l/min)	(m ³ /hr)	GL - (m)	(m)	
step1	102.77	6.13	3.600	1.435	
step2	198.83	11.93	5.903	3.758	
step3	306.67	18.40	7.849	5.704	
step4	400.77	24.01	10.300	8.155	
step5					
step6					
step7					
Critical					
Aptitude					
S.W.L.	GL - 2.145 (m)				Static Water Level
Water temp.	29.7 (°C)				



CONTINUOUS TEST (LTb - π)

Method of Jacob

Coefficient of Transmissibility

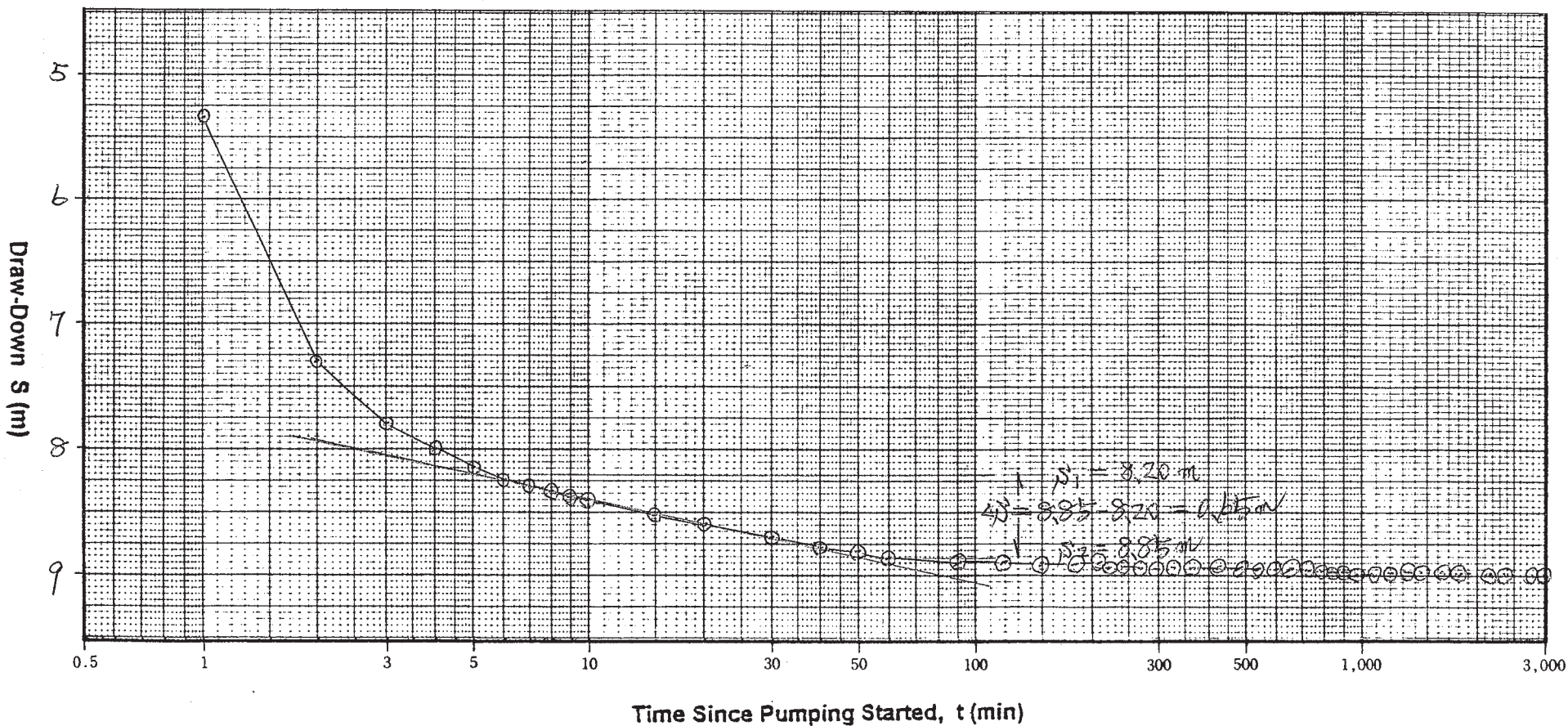
$$T = \frac{0.183 \times Q}{\Delta S} = \frac{0.183 \times 417 \times 10^{-3}}{0.65 \times 60} = 1.96 \times 10^{-3} \text{ m}^2/\text{sec}$$

Coefficient of Permeability

$$K = \frac{T}{b} = \frac{1.96 \times 10^{-3}}{7.25} = 2.70 \times 10^{-4} \text{ m/sec}$$

$$= 2.70 \times 10^{-2} \text{ cm/sec}$$

Static Water Level	GL - 7.145 m
Discharge	Q = 417.0 l/min
Draw-Down of 1 cycle of log t	$\Delta S = 0.65 \text{ m}$
Thickness of Aquifer	b = 7.25 m



D3-28

RECOVERY TEST (LTb - r)

Method of Draw-up
Coefficient of Transmissibility

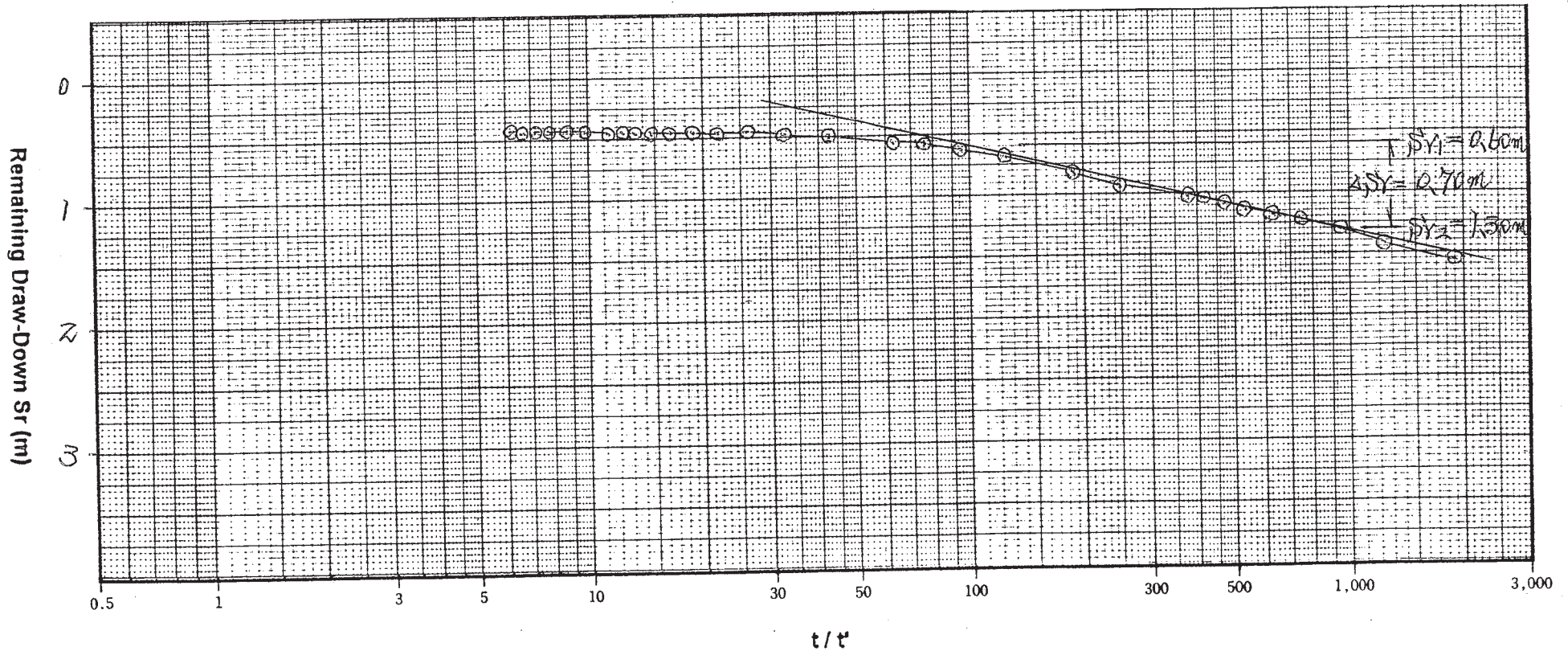
$$T = \frac{0.183 \times Q}{\Delta Sr} = \frac{0.183 \times 417 \times 10^{-3}}{0.70 \times 60} = 1.87 \times 10^{-3} \text{ m}^2/\text{sec}$$

Coefficient of Permeability

$$K = \frac{T}{b} = \frac{1.87 \times 10^{-3}}{7.25} = 2.58 \times 10^{-4} \text{ m/sec}$$

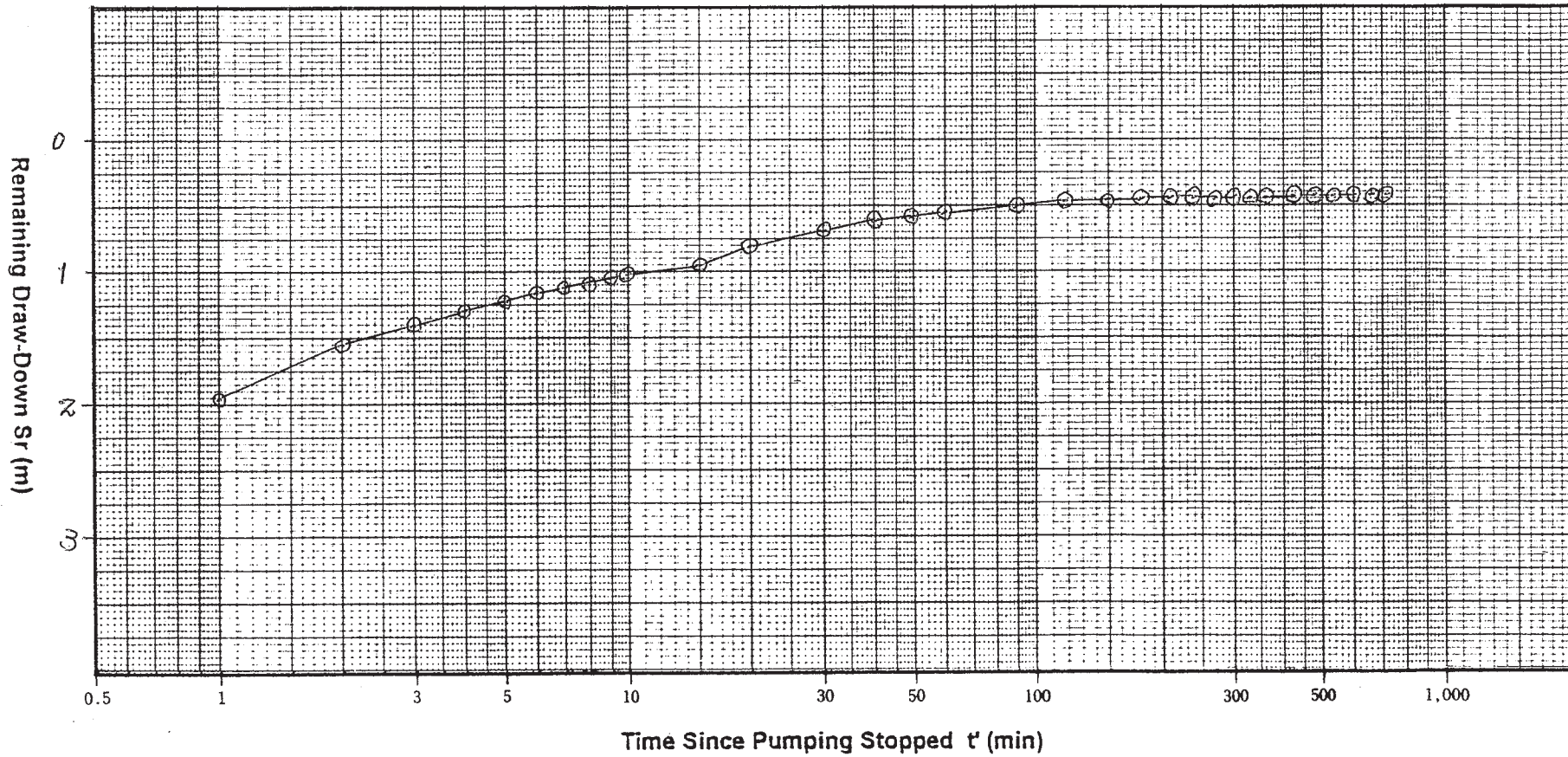
$$= 2.58 \times 10^{-2} \text{ cm/sec}$$

Static Water Level	GL - 2.145 m
Discharge before Pumping Stop	Q = 417.0 l/min
Draw-Dow of 1 cycle of log t / t'	$\Delta Sr = 0.70$ m
Thickness of Aquifer	b = 7.25 m



RECOVERY TEST (LTb-2)

Static Water Level	GL - 2.145 m
Discharge before Pumping Stop	Q = 477.0 l/min
D. W. L. before Pumping Stop	GL - 1.132 m
Pumping Time before Pumping Stop	t = 3.720 min



D3-30