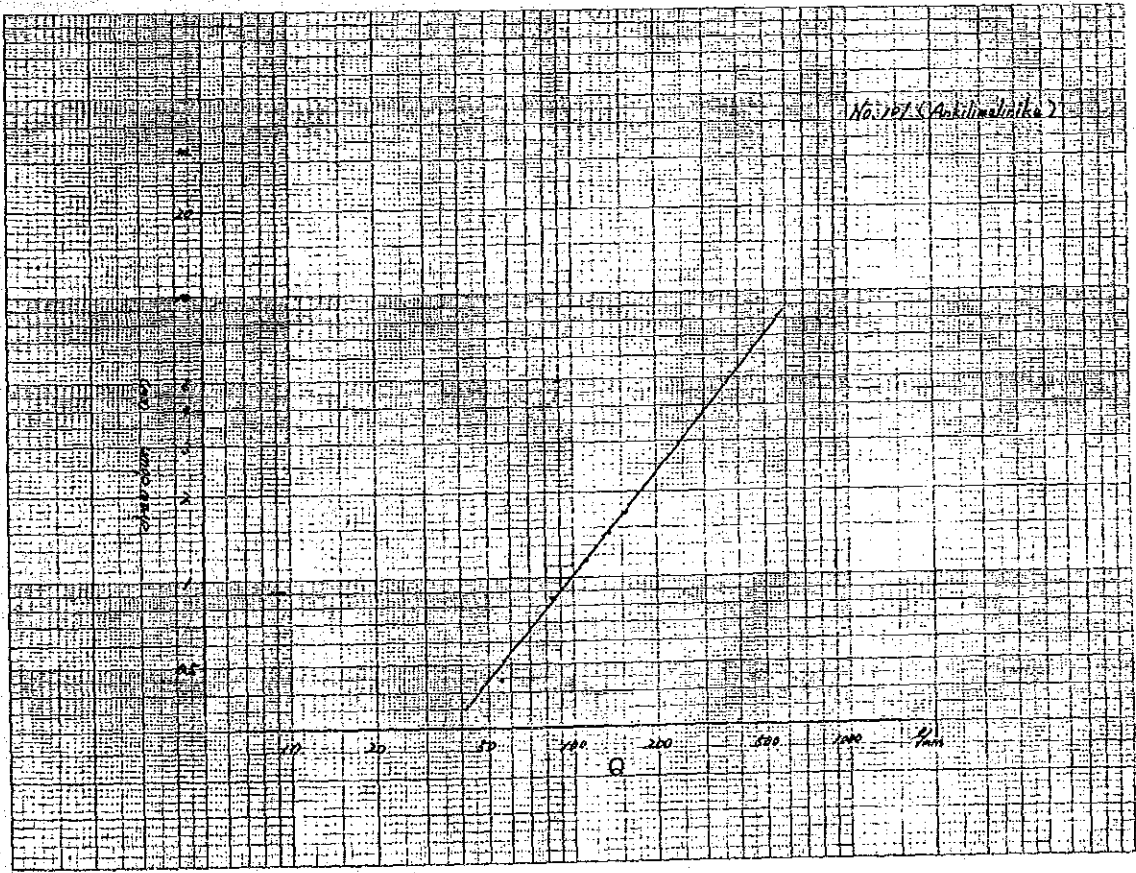
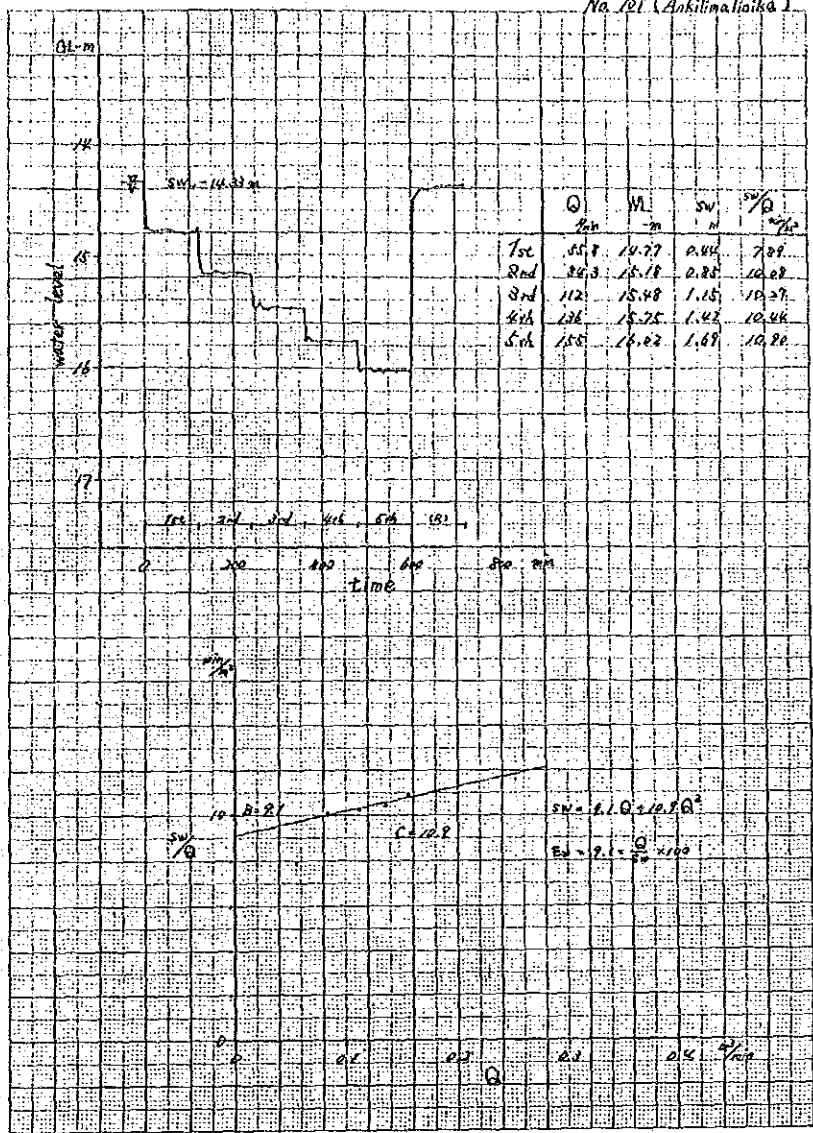
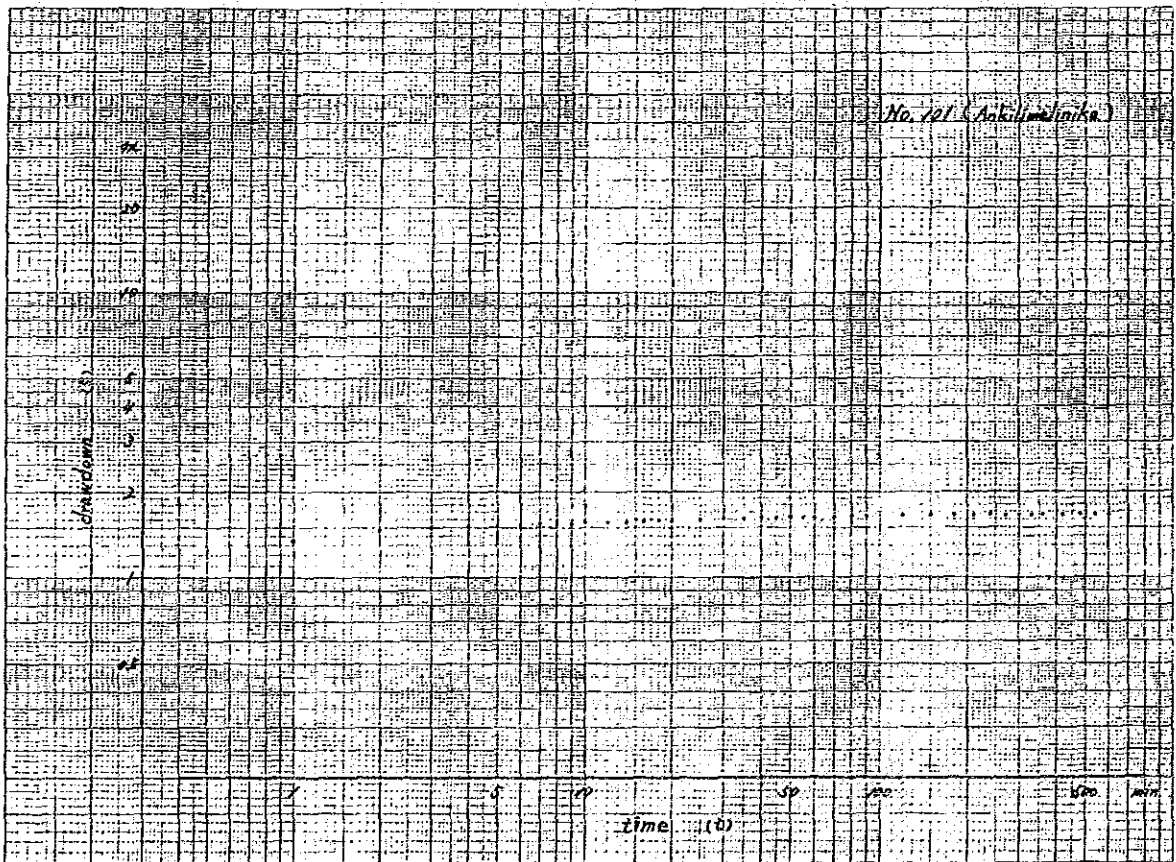
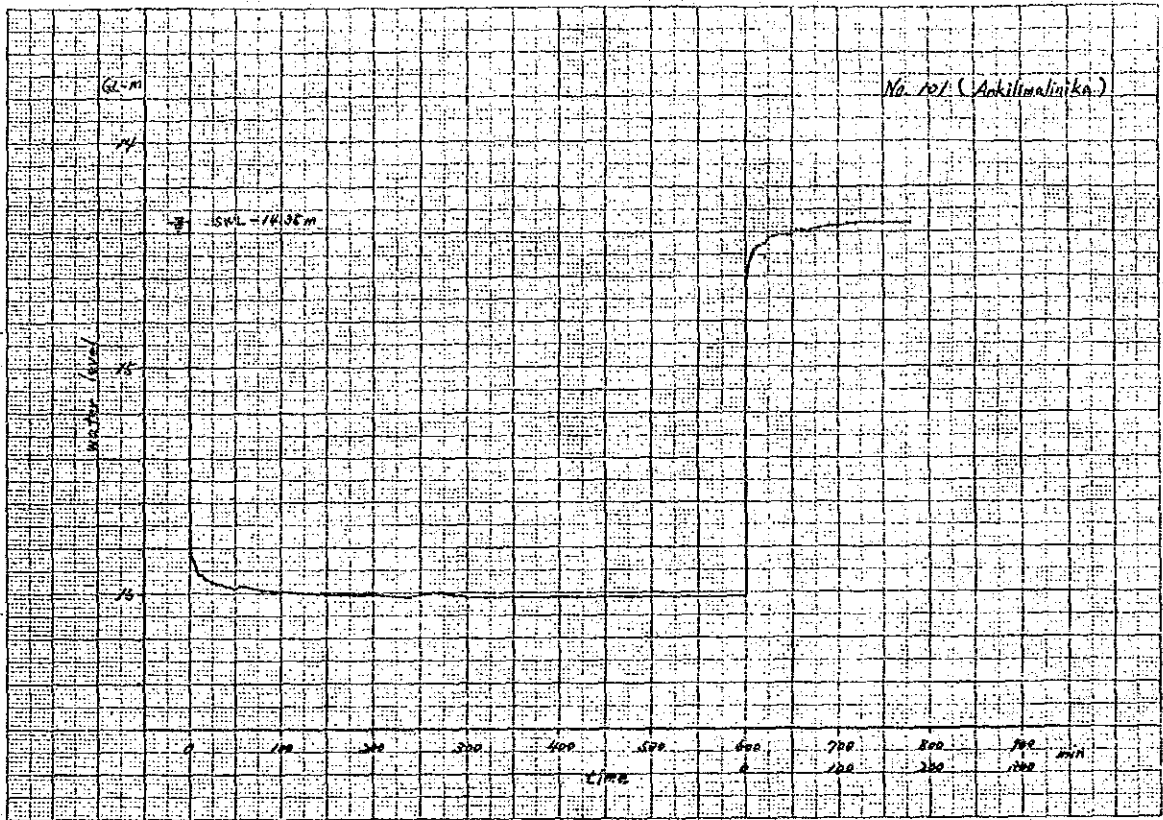
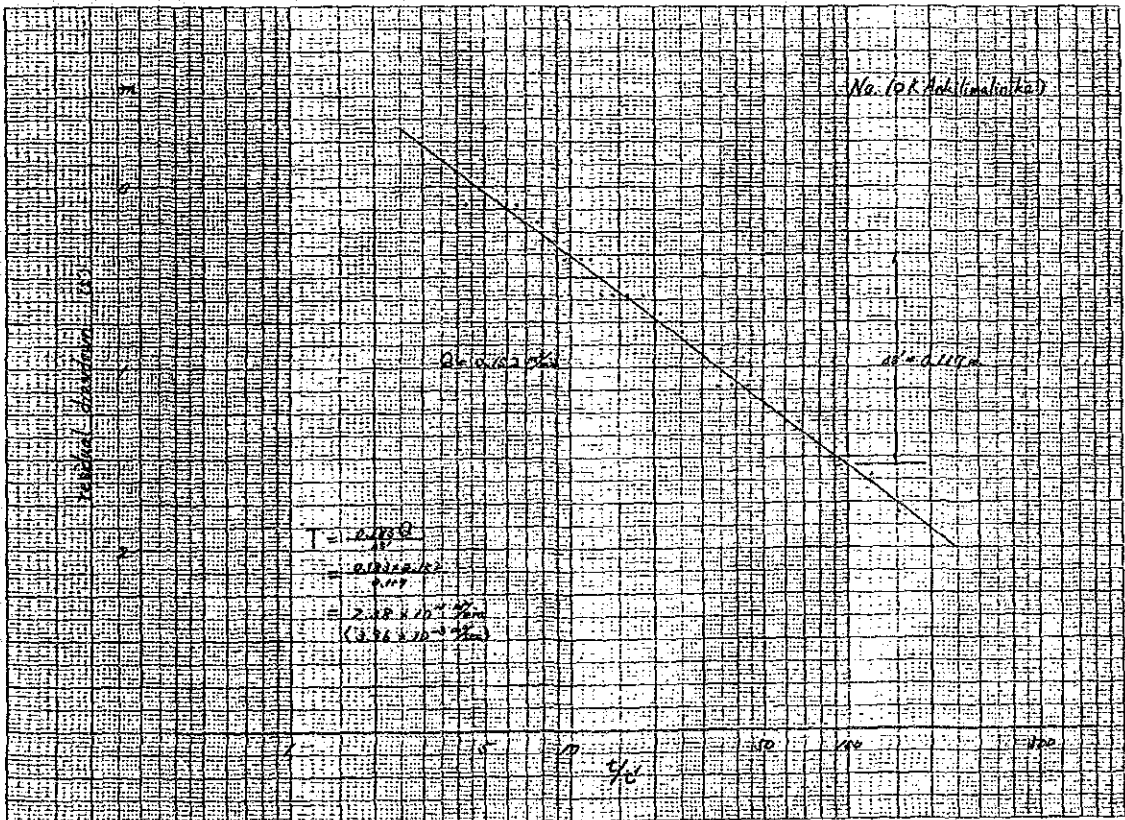
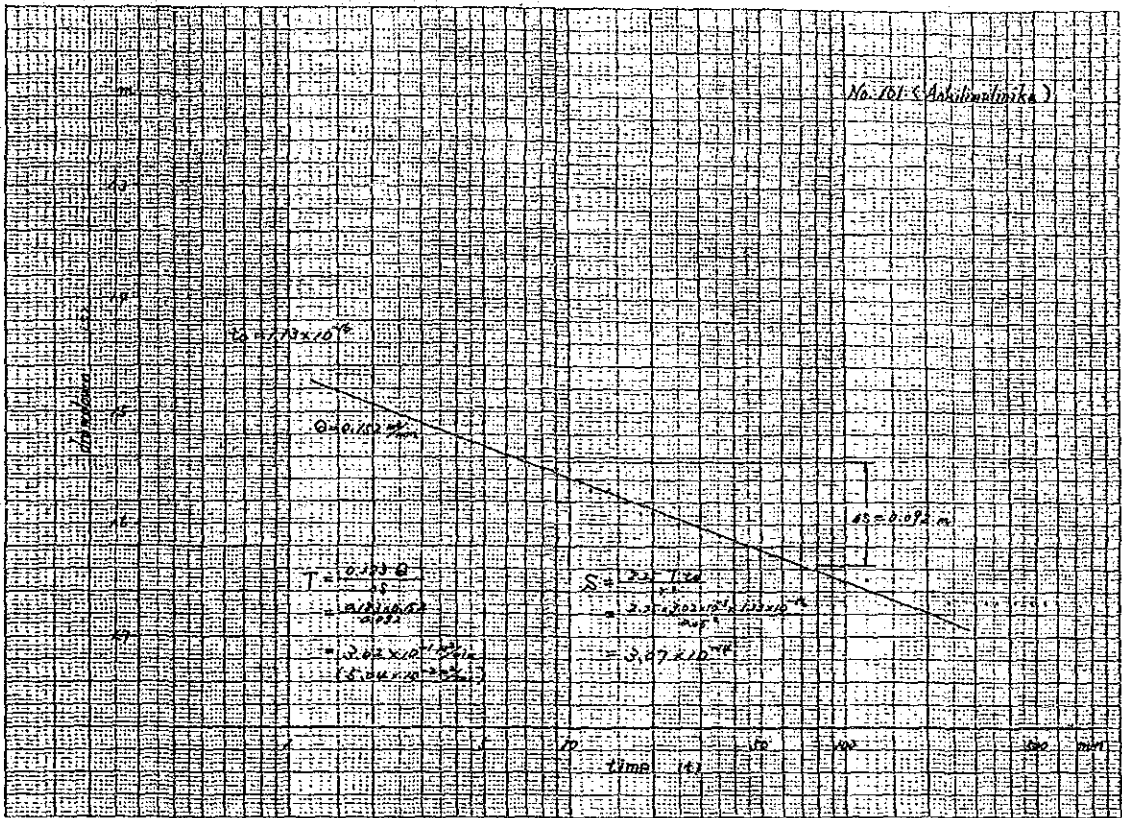


No. 101 Ankilimalinika







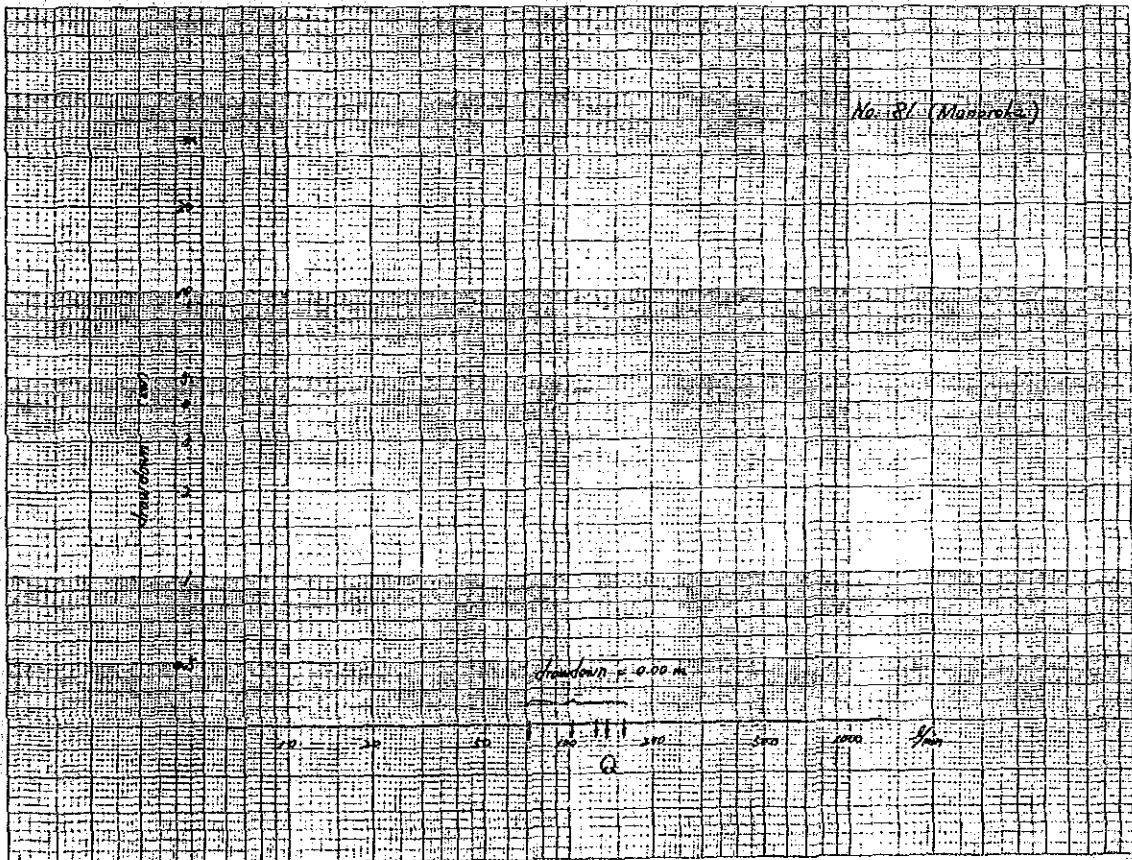
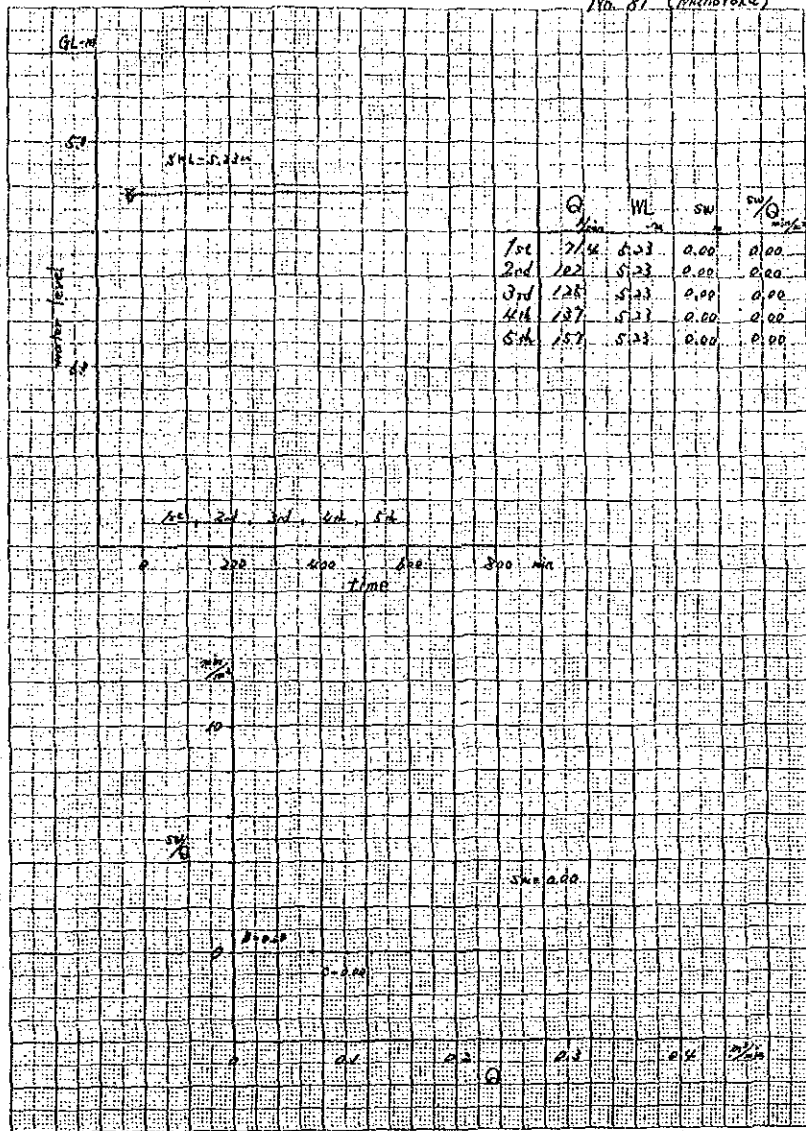


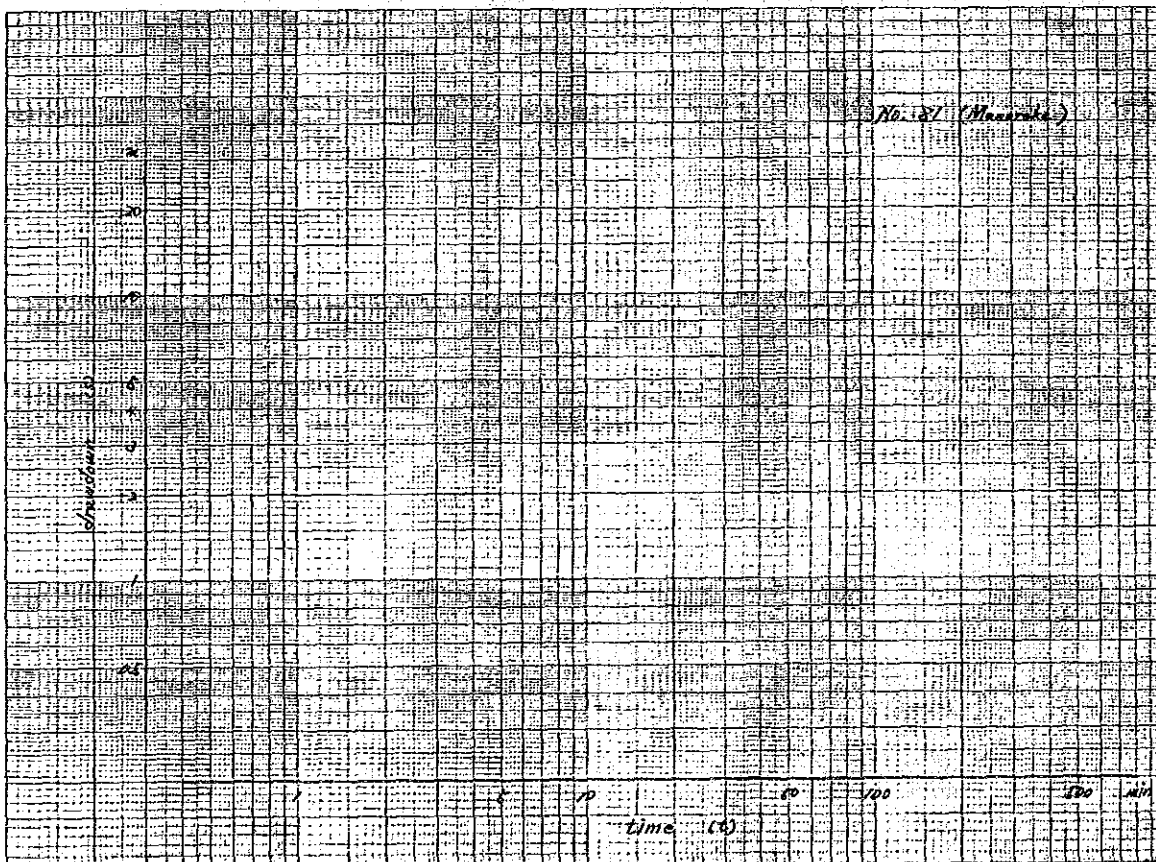


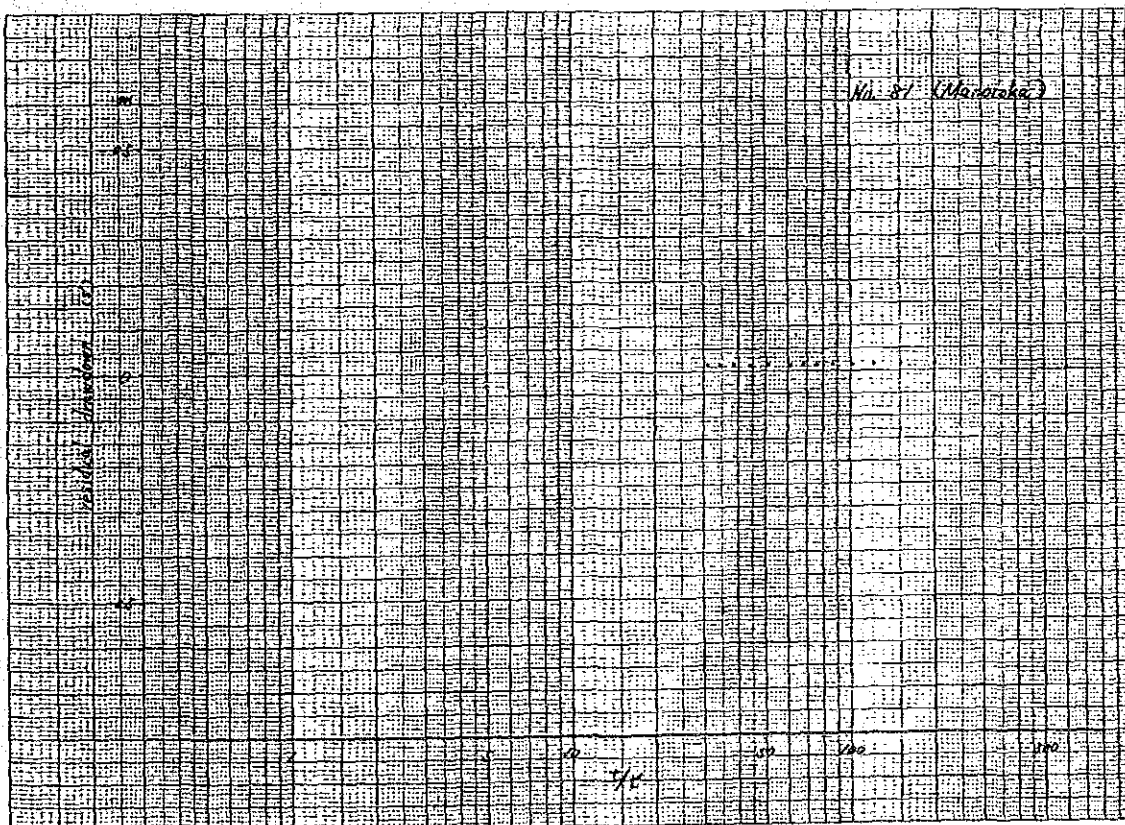
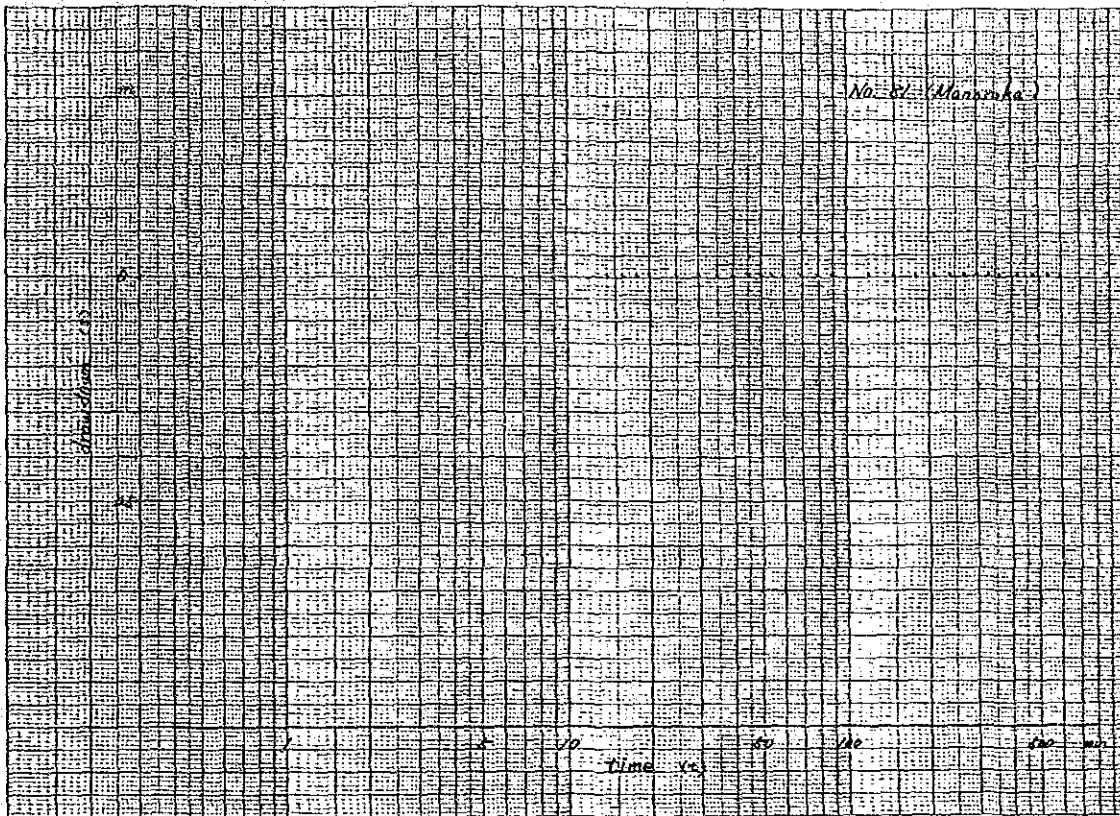
No. 81 Manoroka







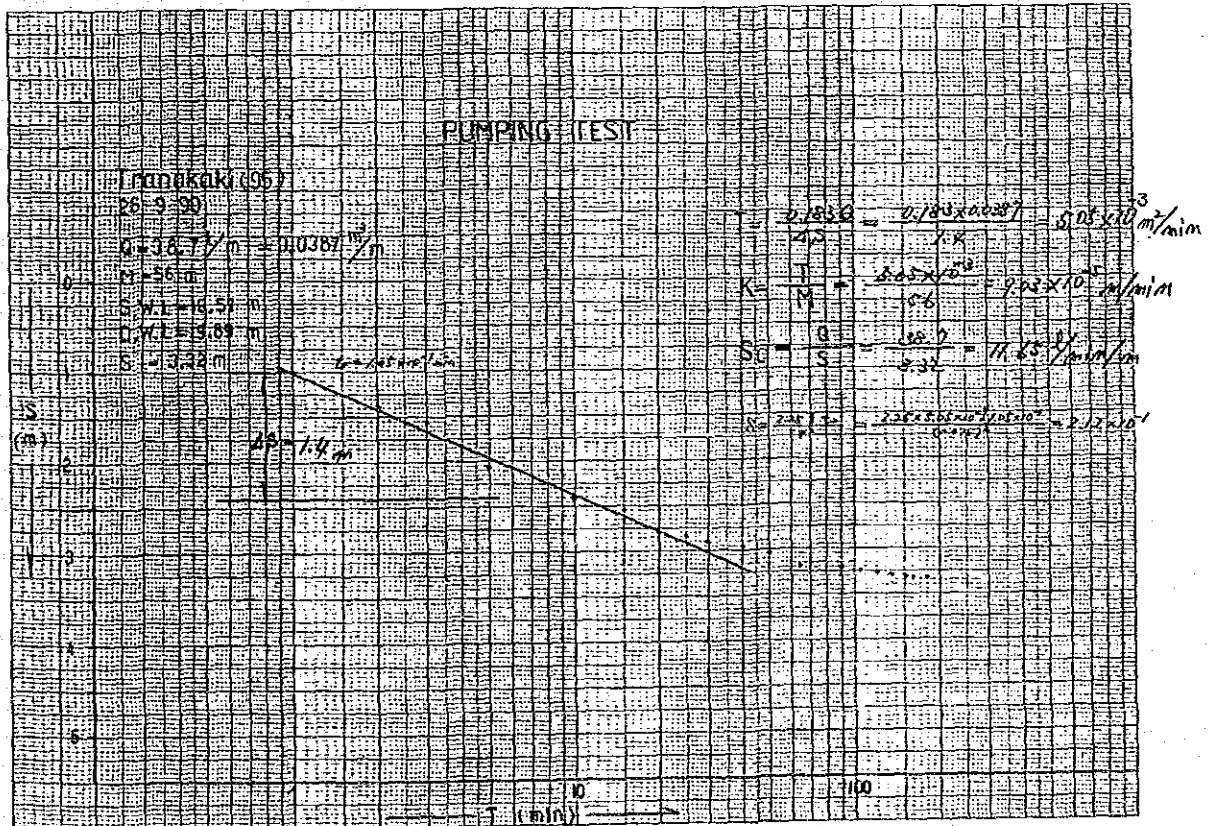
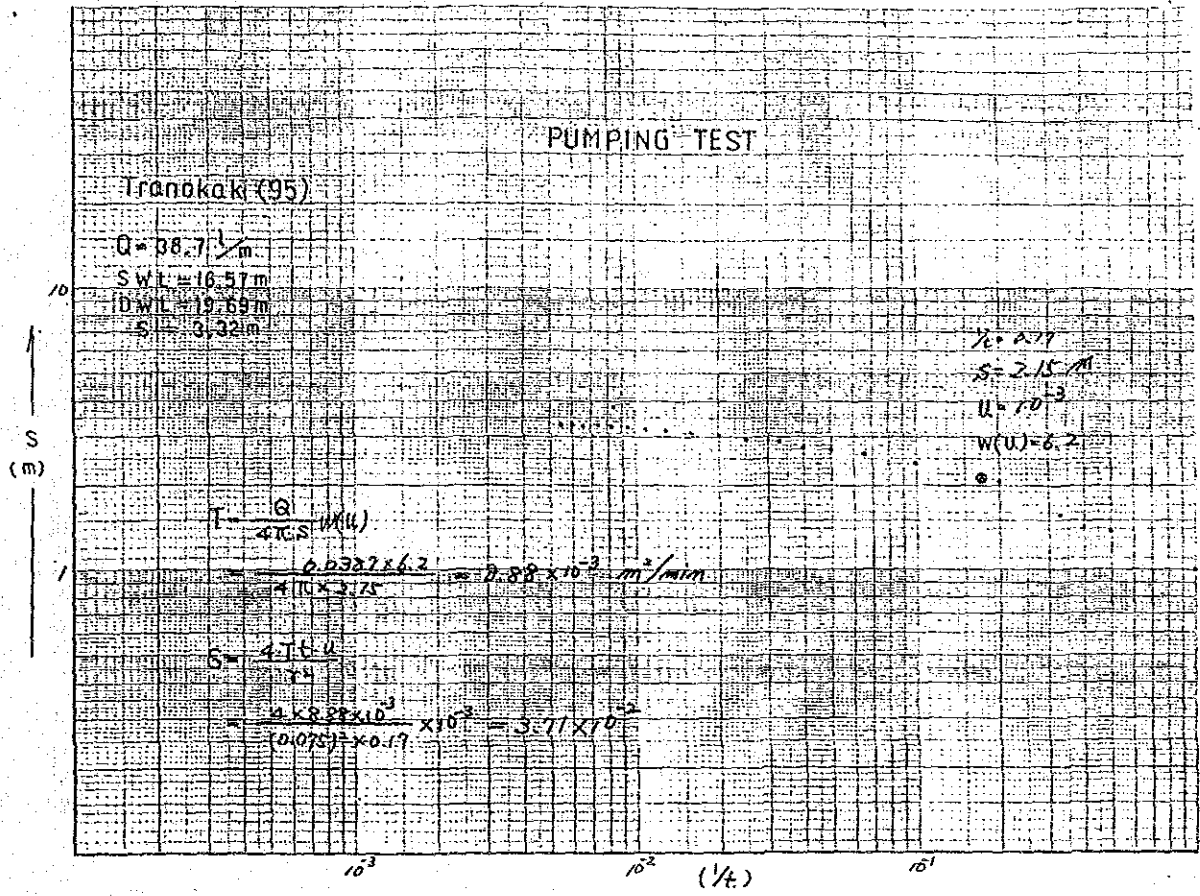


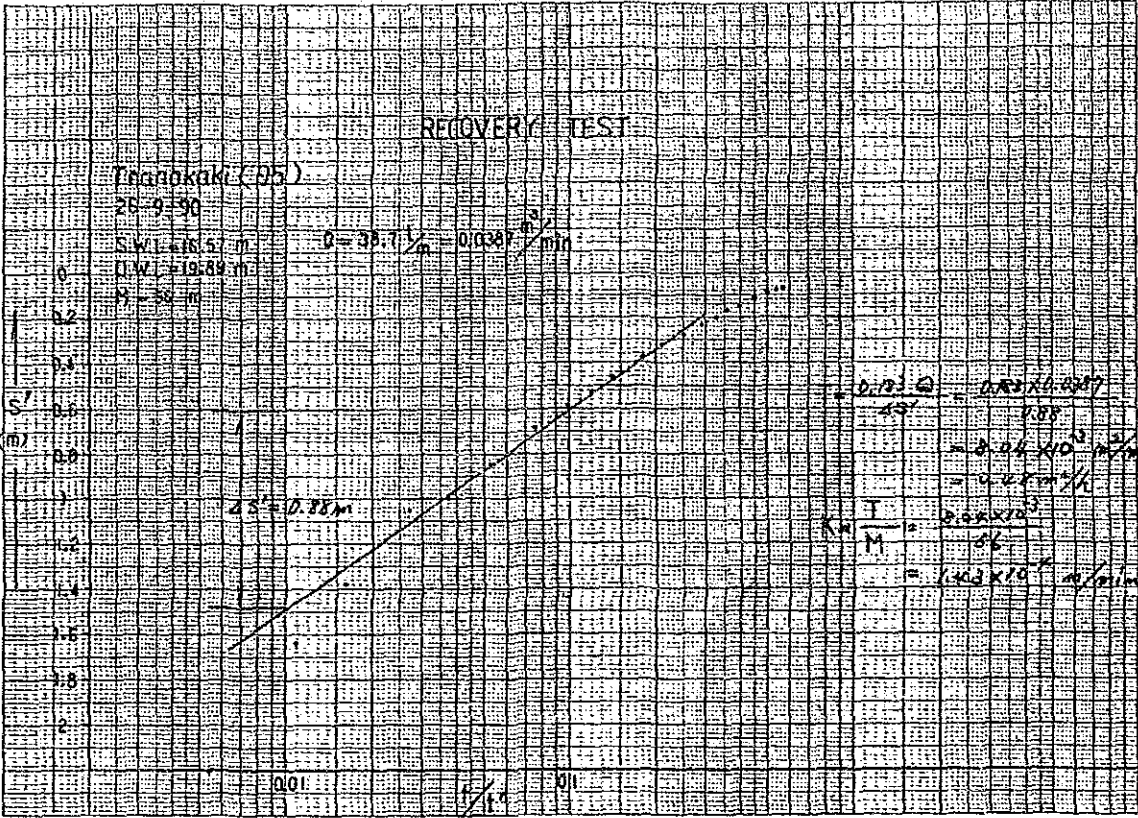




No. 95 Tranokaky









No. 34 Tandrano

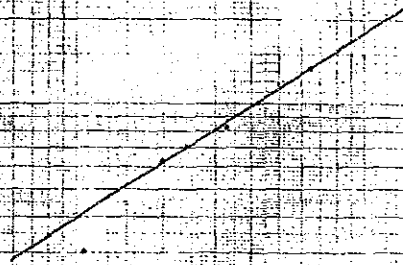


### STEP DRWDOWN TEST

No. 34  
TANDRANO  
25-8-90

100  
50  
S  
(m)  
10

STEP	S (m)	Q		Sc m <sup>3</sup> /day/m
		l/min	m <sup>3</sup> /day	
1	6.27	199	236.6	45.7
2	7.09	240	345.6	45.7
3	8.14	329	470.9	57.9
4	10.04	423	609.1	60.7
5	13.31	350	936.0	70.3
6	3.04	107	154.1	50.7
average				55.7



Q (l/min)

### PUMPING TEST

Tandrano (34)

Q = 300 l/min  
SWL = 32.72 m  
DWL = 39.92 m  
S = 7.2 m

10  
S  
(m)

W(u) = 49.5  
u = 10<sup>-4</sup>  
S = 5.5 m  
K = 0.45 m/min

$$T = \frac{1.183 Q}{4\pi S} W(u)$$

$$= \frac{0.3}{4 \times 5.5} \times 49.5 = 8.46 \times 10^{-2} \text{ m}^2/\text{min}$$

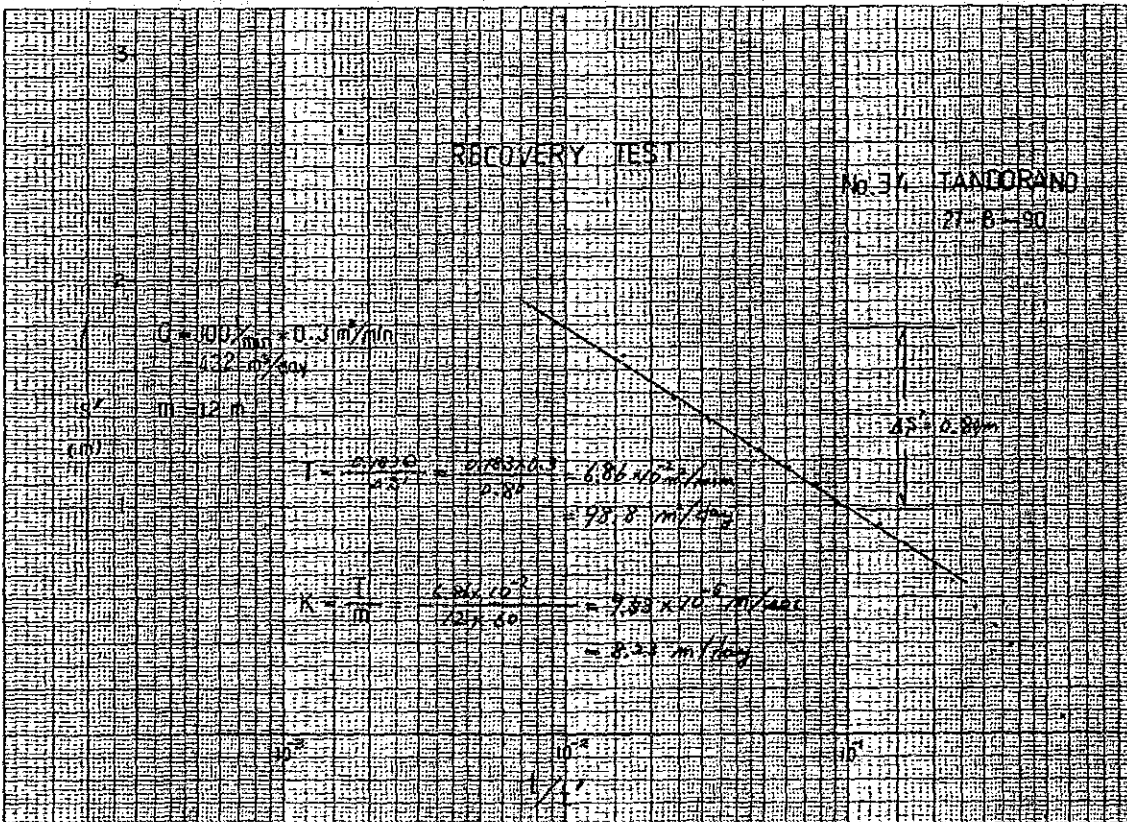
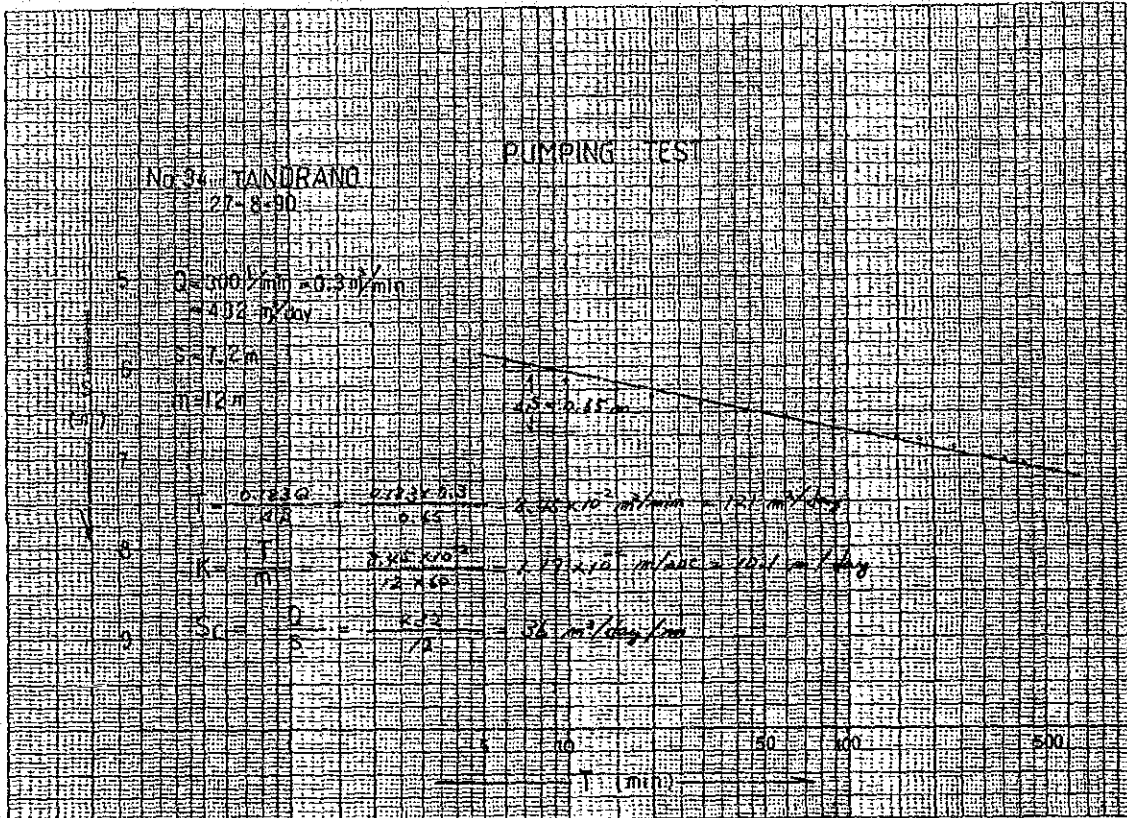
$$S = \frac{4.7 T t u}{r^2} = \frac{4 \times 8.46 \times 10^{-2}}{(0.098)^2} \times 0.45 \times 10^{-4}$$

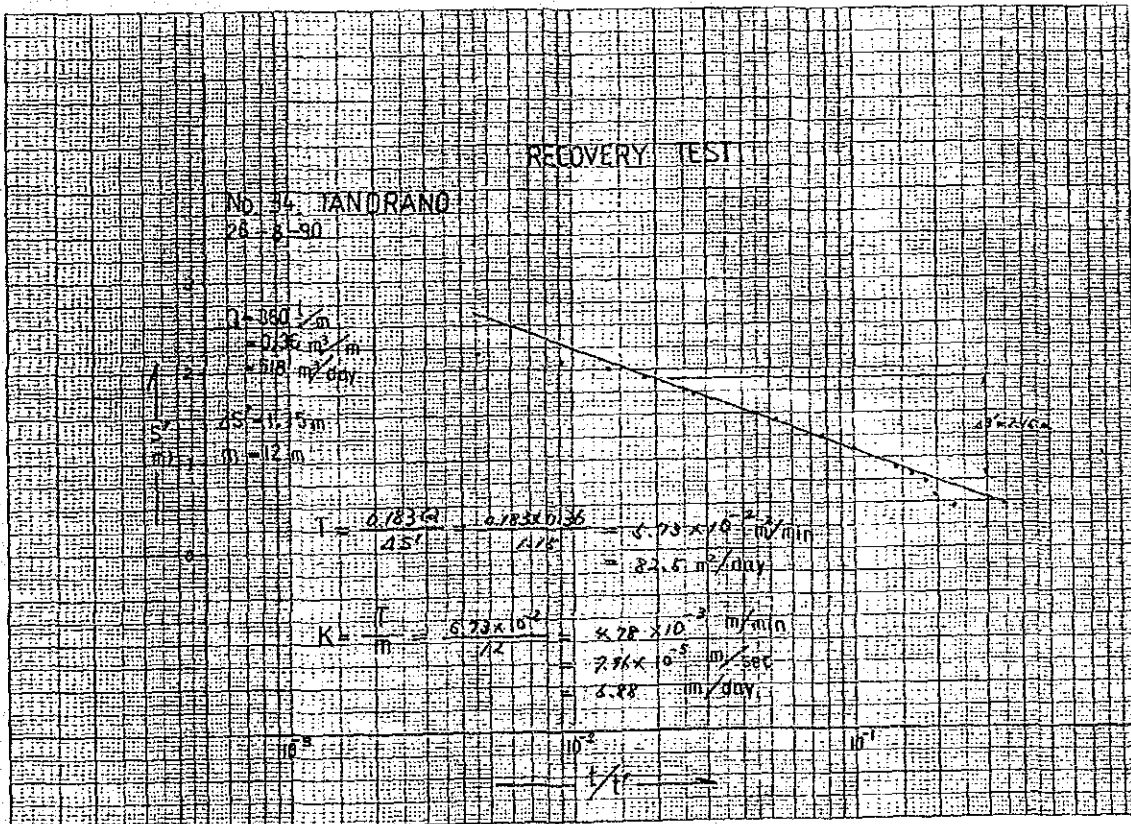
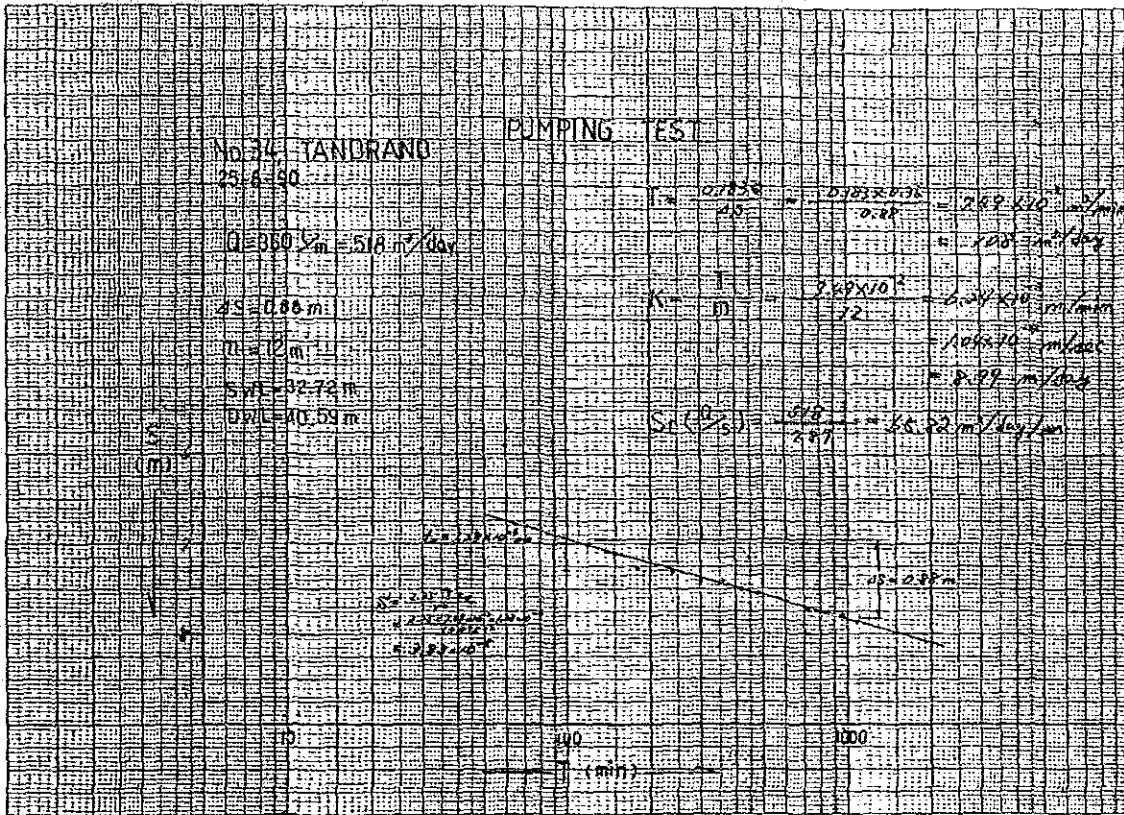
$$= 1.33 \times 10^{-7}$$

10<sup>3</sup>

10<sup>2</sup> (1/t)

10<sup>1</sup>







No. 46 Berenty-Betsileo





