

RECOVERY TEST

Borehole

Q = 50 l/min

SWL = 15.54 m

DWC = 60.41 m

S = 24.67 m

V = 00 m

0.1036

15

0.8246

30

$3.57 \times 10^{-2}$  m<sup>2</sup>/min

4.92 m/day

15-38

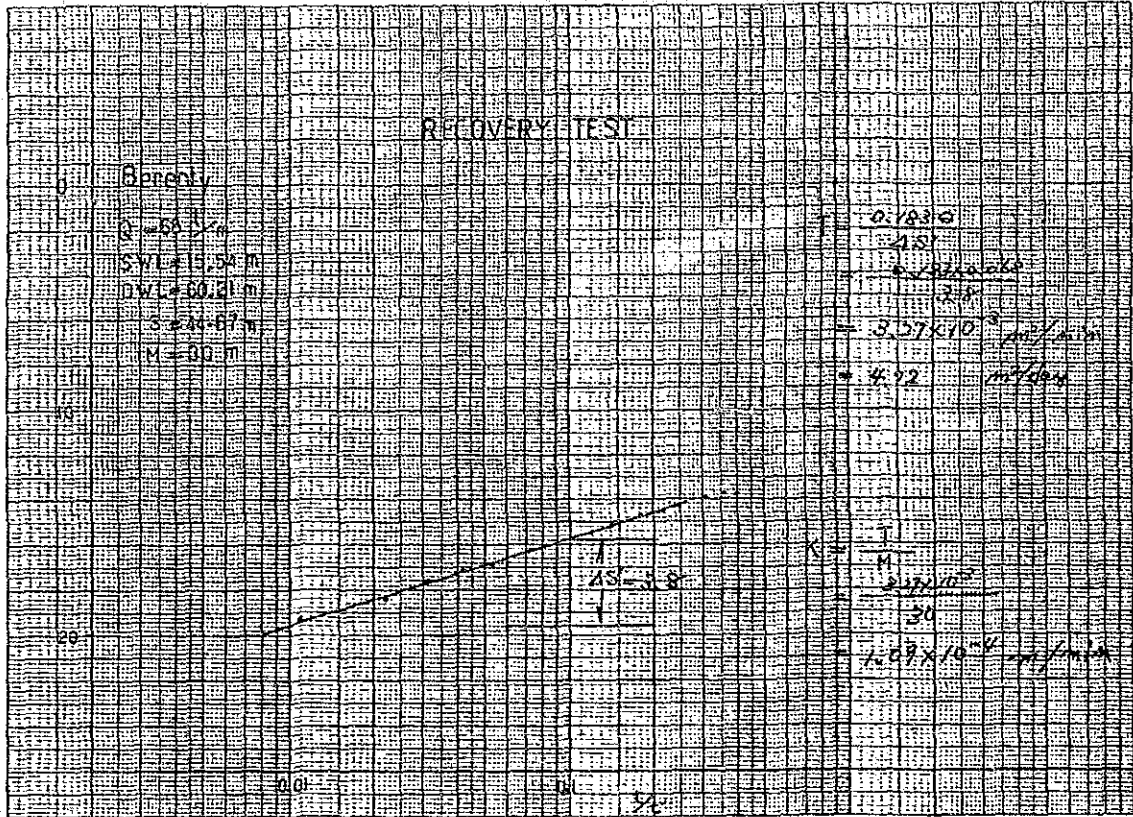
K =

11

2.50 m

30

$1.49 \times 10^{-2}$  m<sup>2</sup>/min

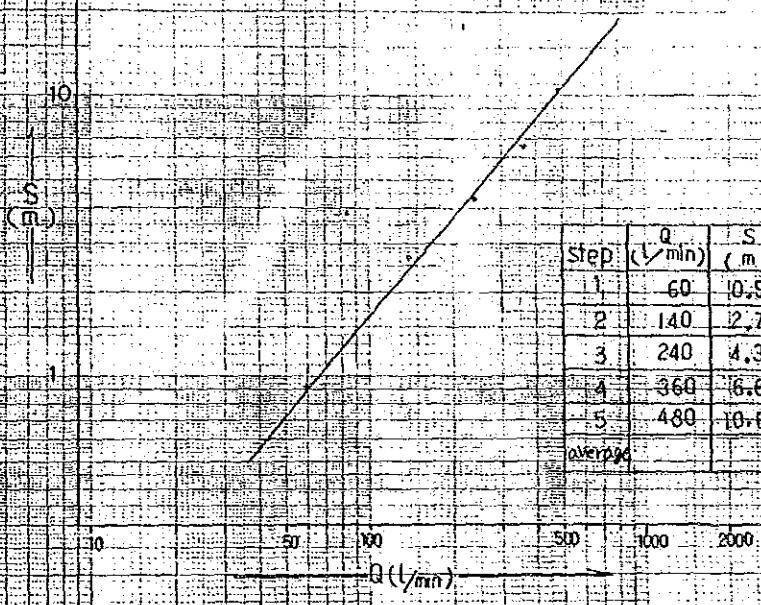


No. 88 Maninday



29-7-90  
No. 88 Maninday

### Step Drawdown Test



Step	Q (l/min)	S (m)	Sc (Q/S)
1	60	10.92	99.9
2	140	2.70	74.7
3	240	4.33	79.8
4	360	6.60	78.5
5	480	10.61	65.1
average			78.4

Maninday (88)

### PUMPING TEST

Q = 360 l/min  
SWL = 16.29 m  
DWL = 24.59 m  
S = 8.27 m

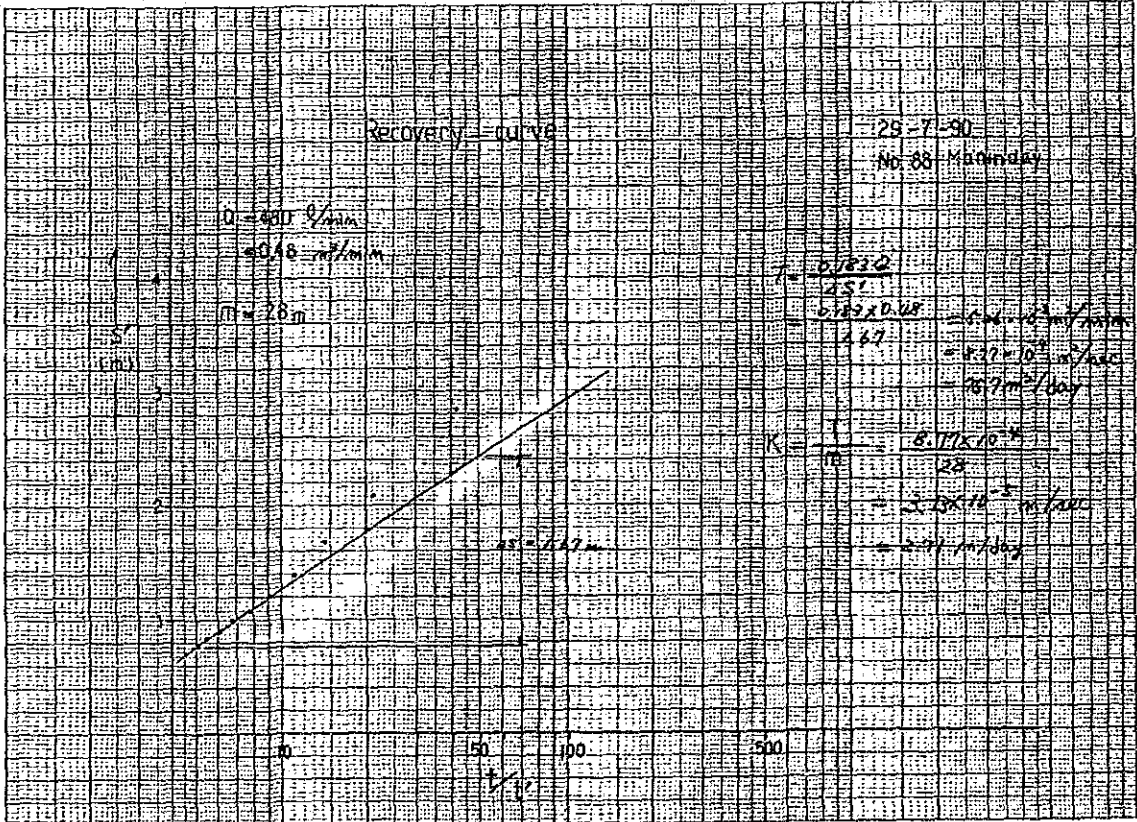
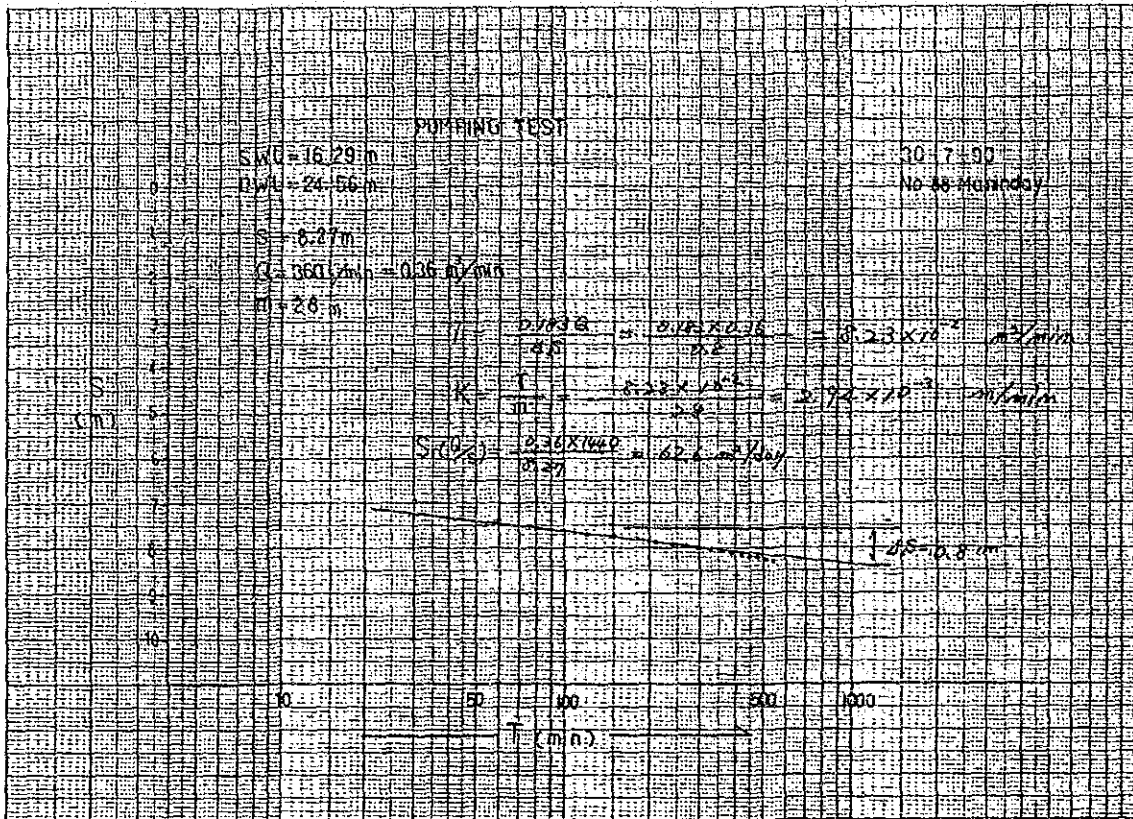
S (m)

w(u) = 18  
u = 10<sup>-7</sup>  
S = 7.2 m

$$T = \frac{Q}{4RS} w(u) = \frac{0.36 \times 18}{4R \times 7.2} = 5.99 \times 10^{-2} \text{ m}^2/\text{min}$$

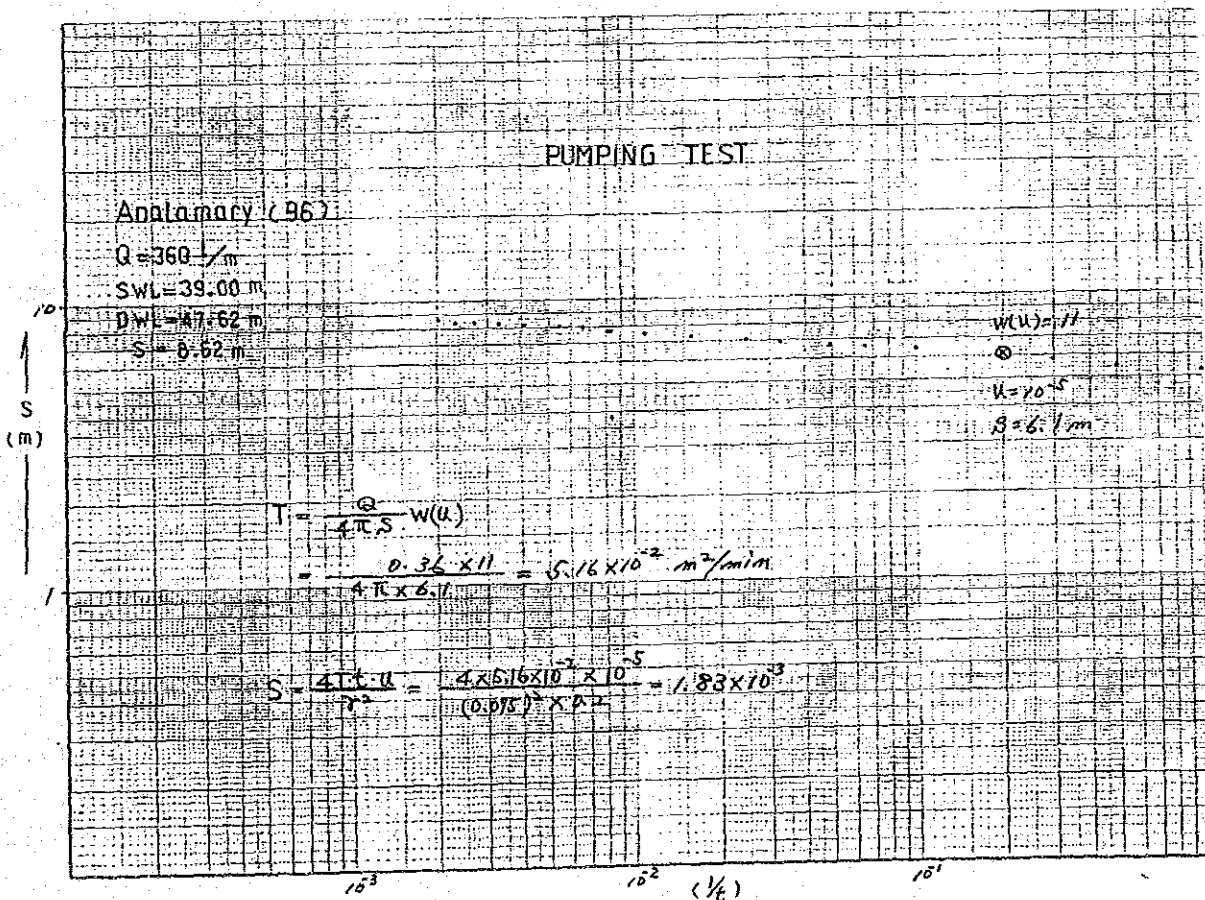
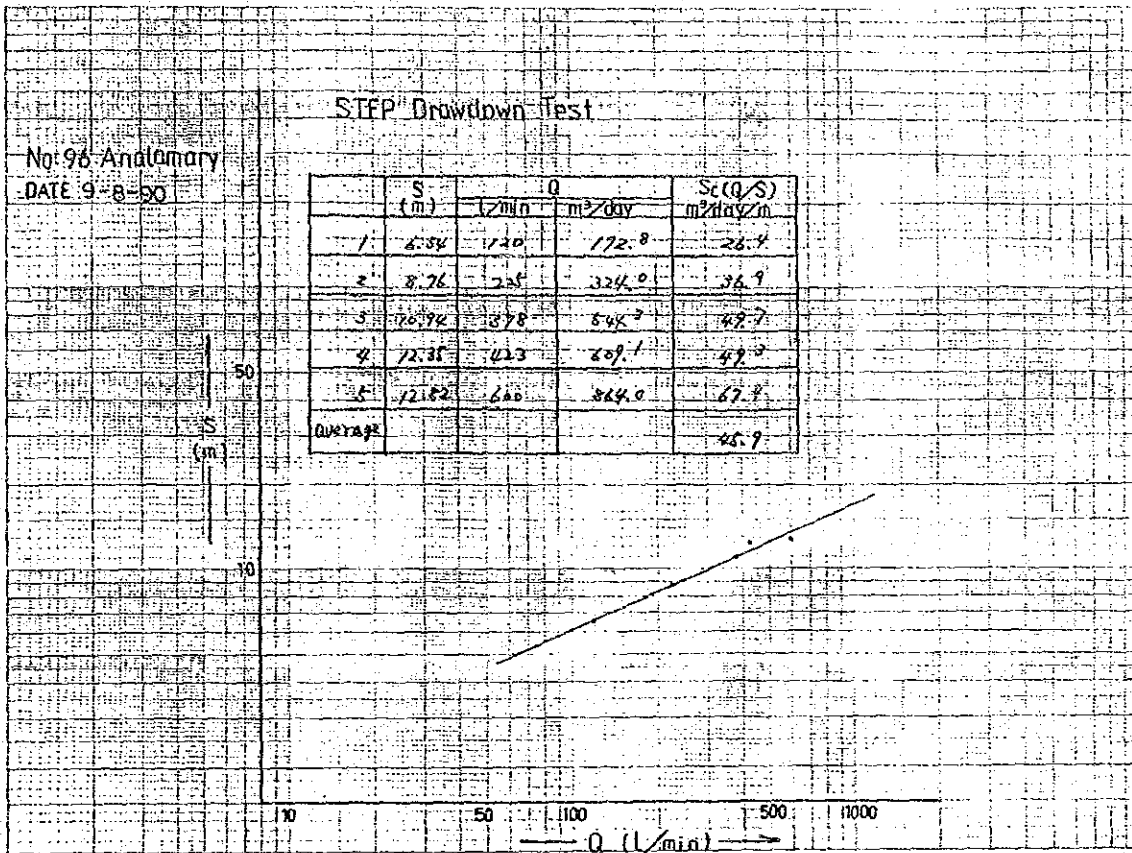
$$S = \frac{4Ttu}{r^2} = \frac{4 \times 5.99 \times 10^{-2} \times 10^{-7}}{(0.075)^2 \times 0.02} = 2.12 \times 10^{-4}$$

10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> (1/t)

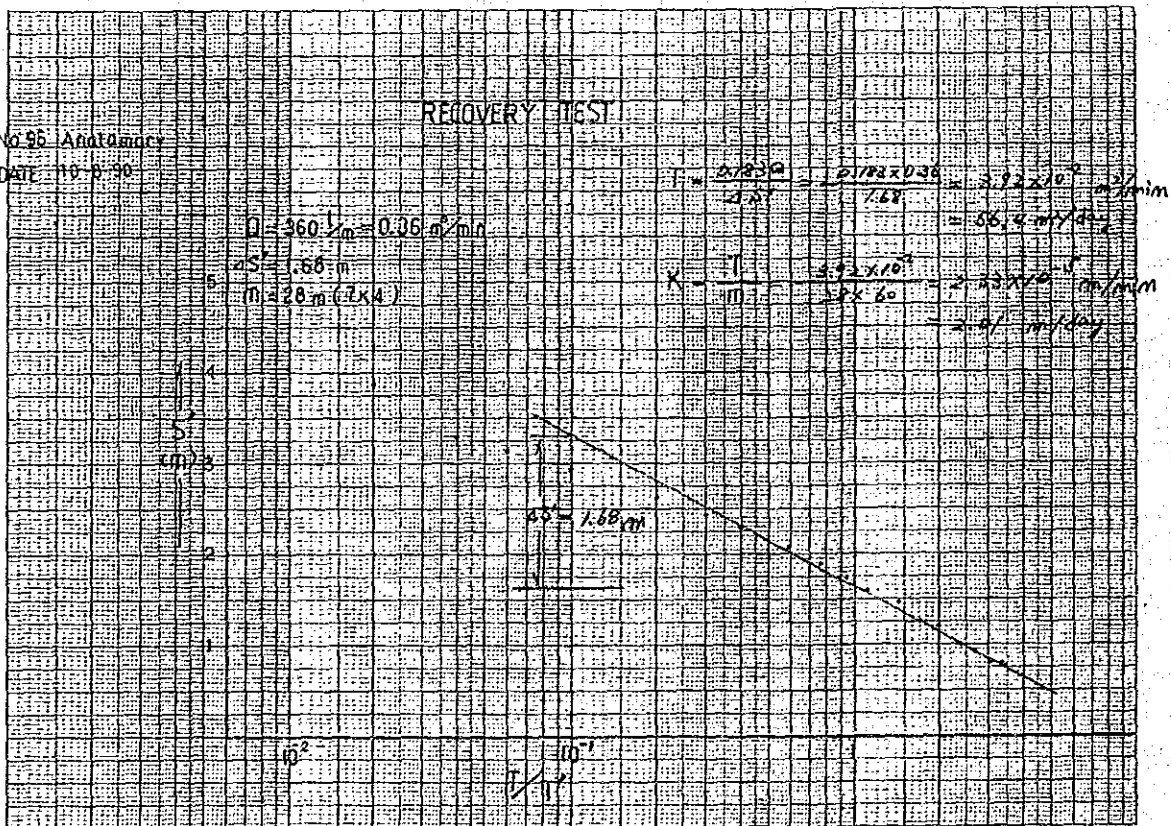
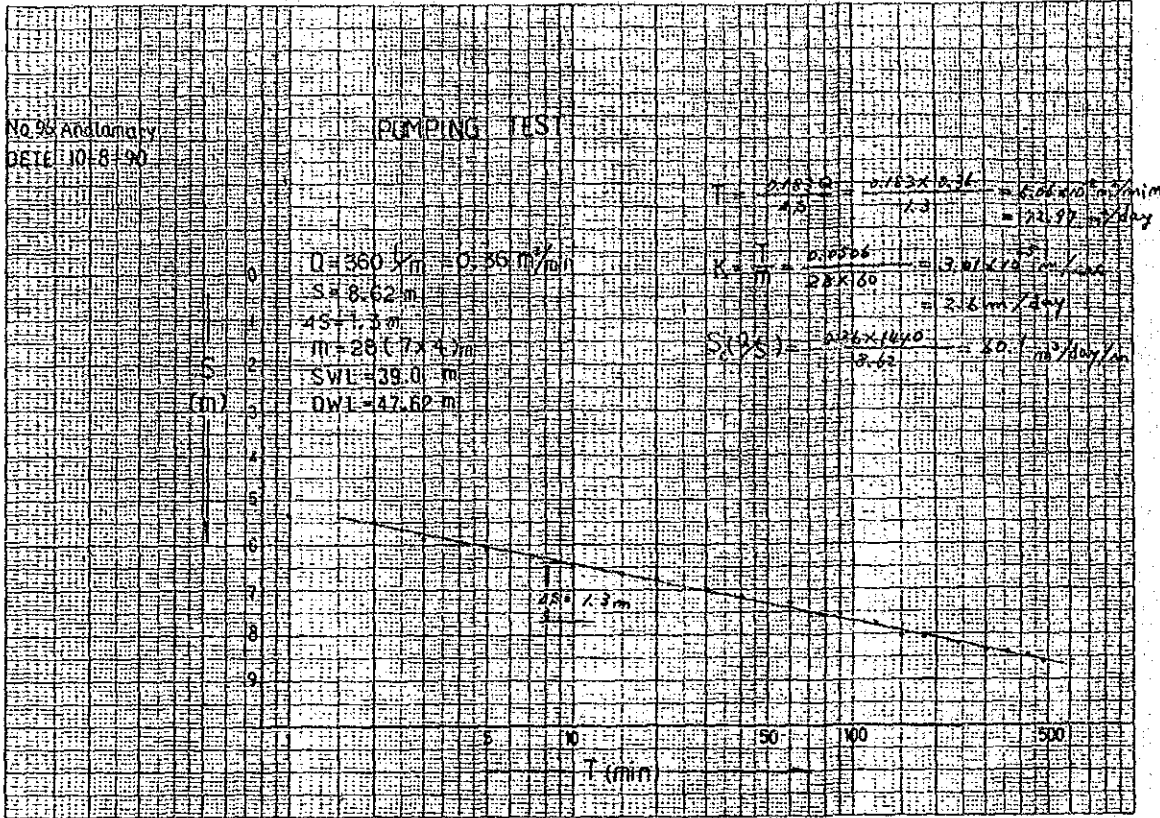


No. 96 Analamary









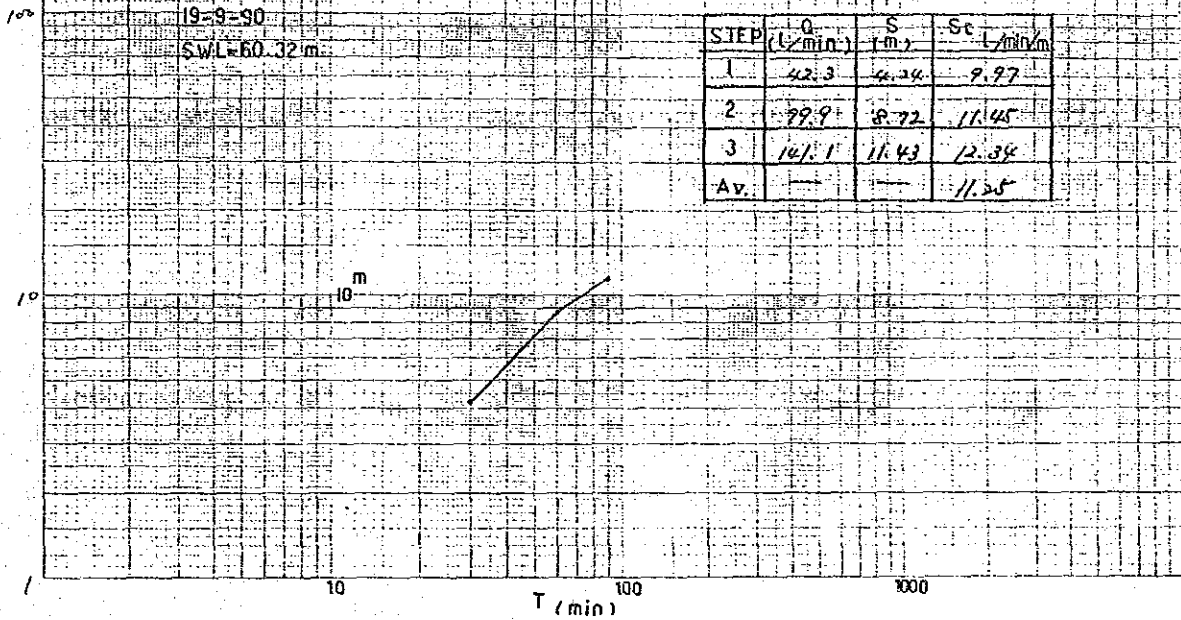
Betioky



STEP-DRAWDOWN TEST

Betioky  
19-9-90  
SWL=60.32m

STEP	Q (L/min)	S (m)	Se L/m/m
1	42.3	4.24	9.97
2	79.9	8.72	11.45
3	141.1	11.43	12.34
Av.	—	—	11.25

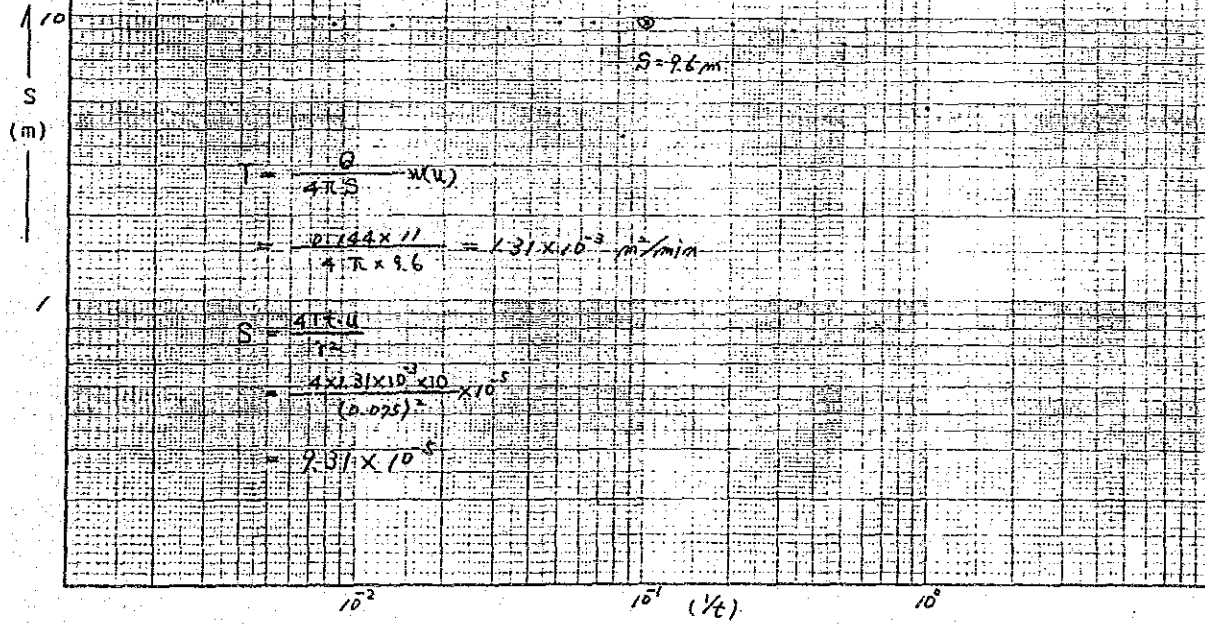


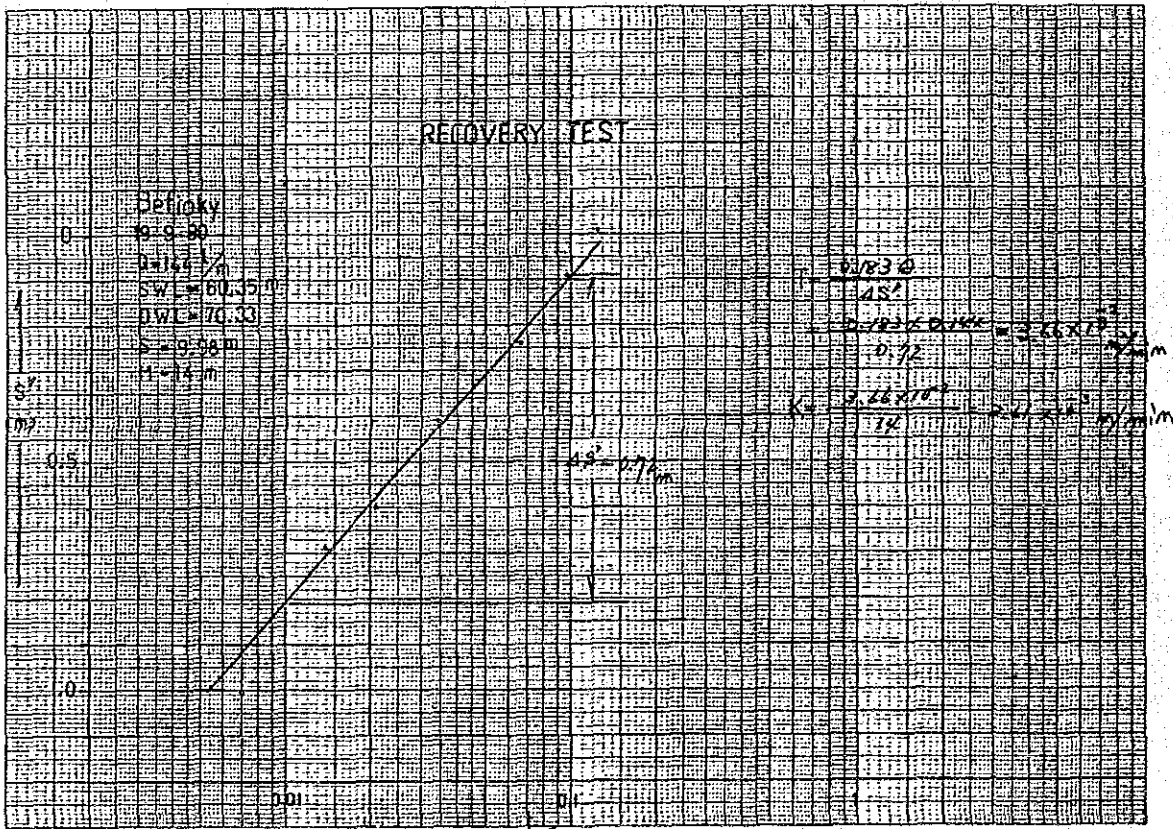
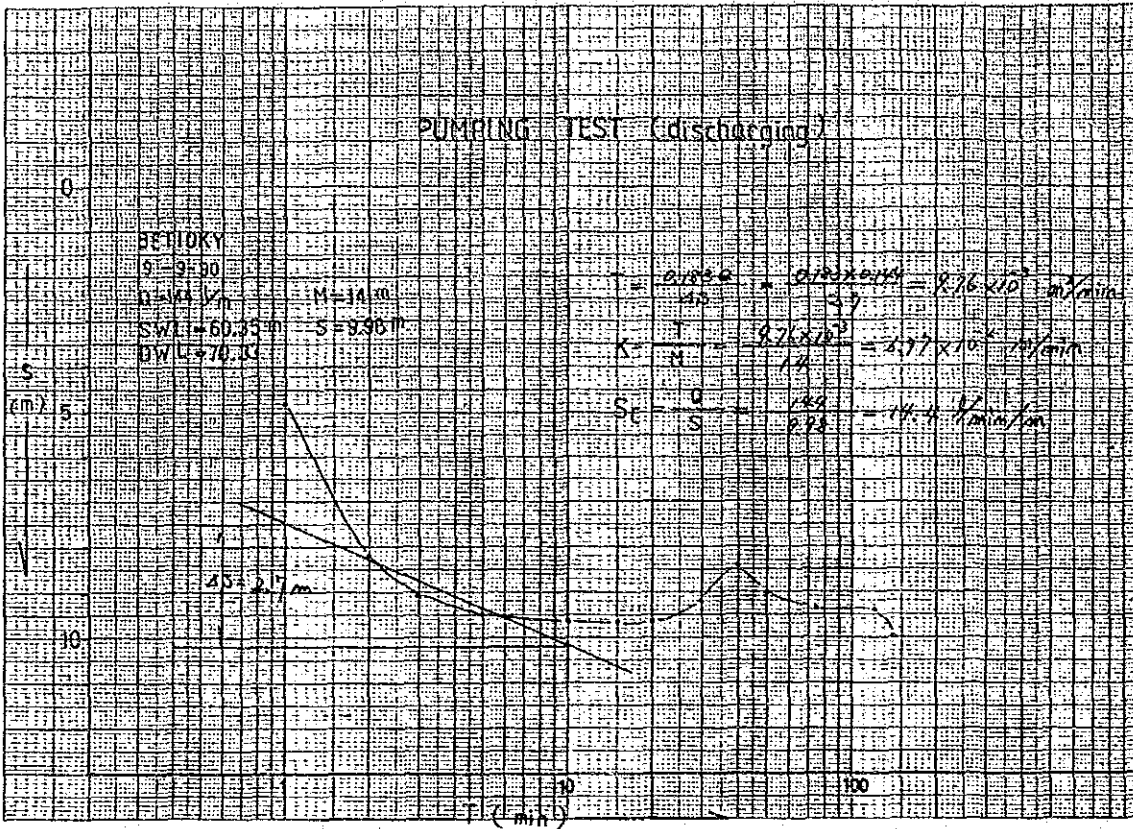
PUMPING TEST

Betioky

Q=144 L/m  
SWL=60.35 m  
DWL=70.33 m  
S=9.98 m

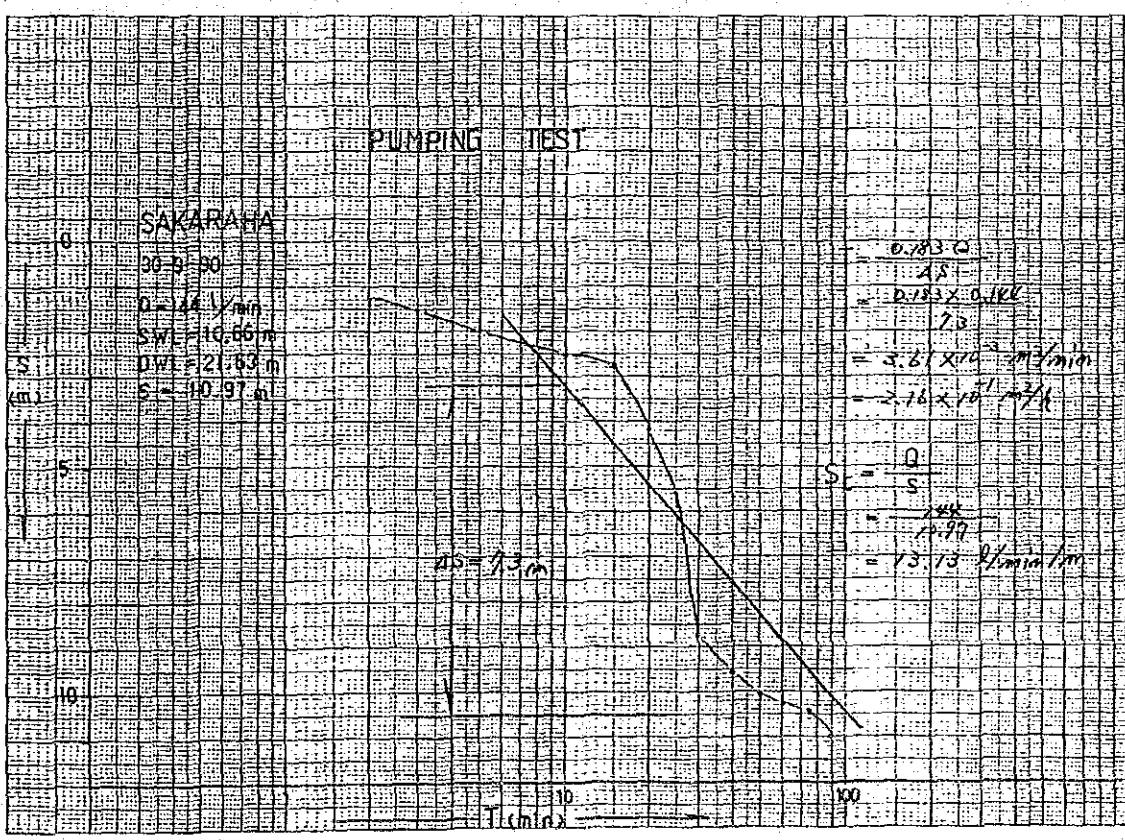
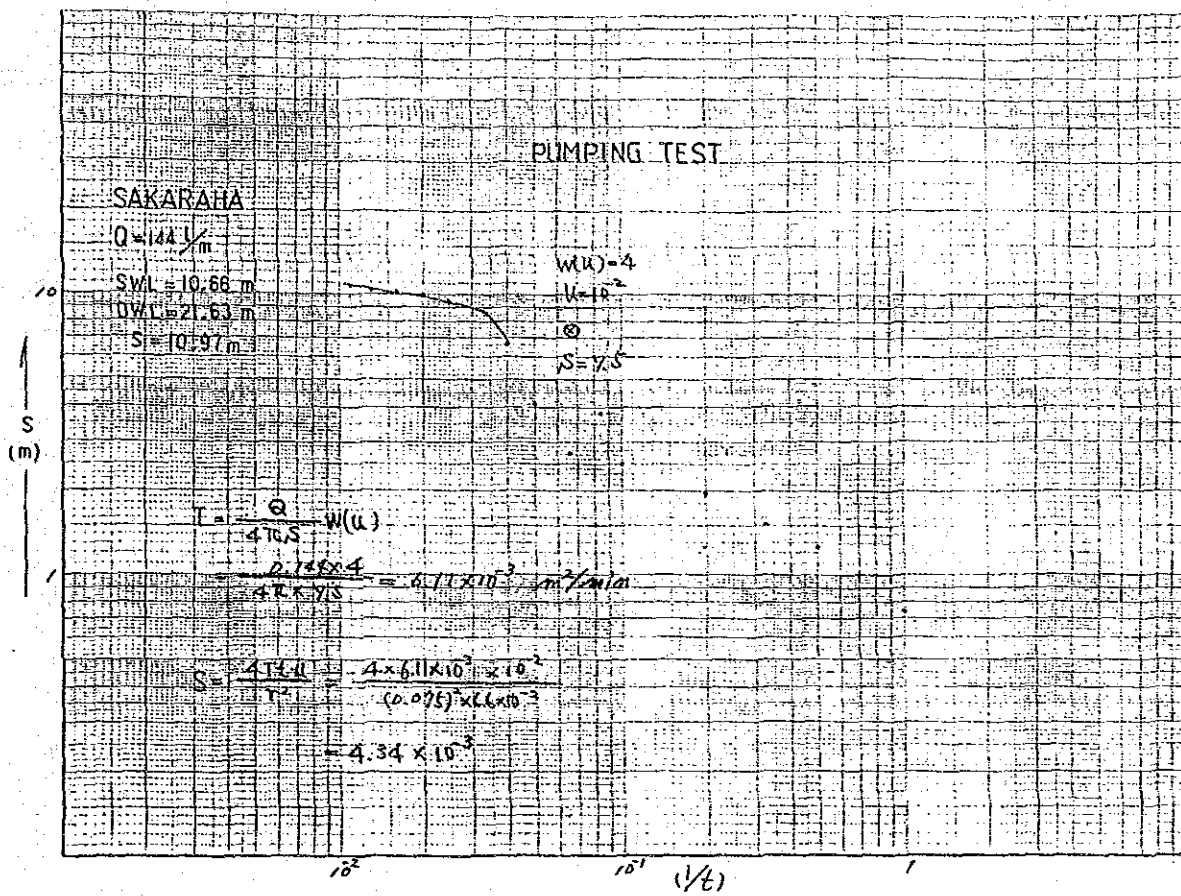
$u = 10^{-5}$   
 $w(u) = 11$   
 $S = 9.6 m$



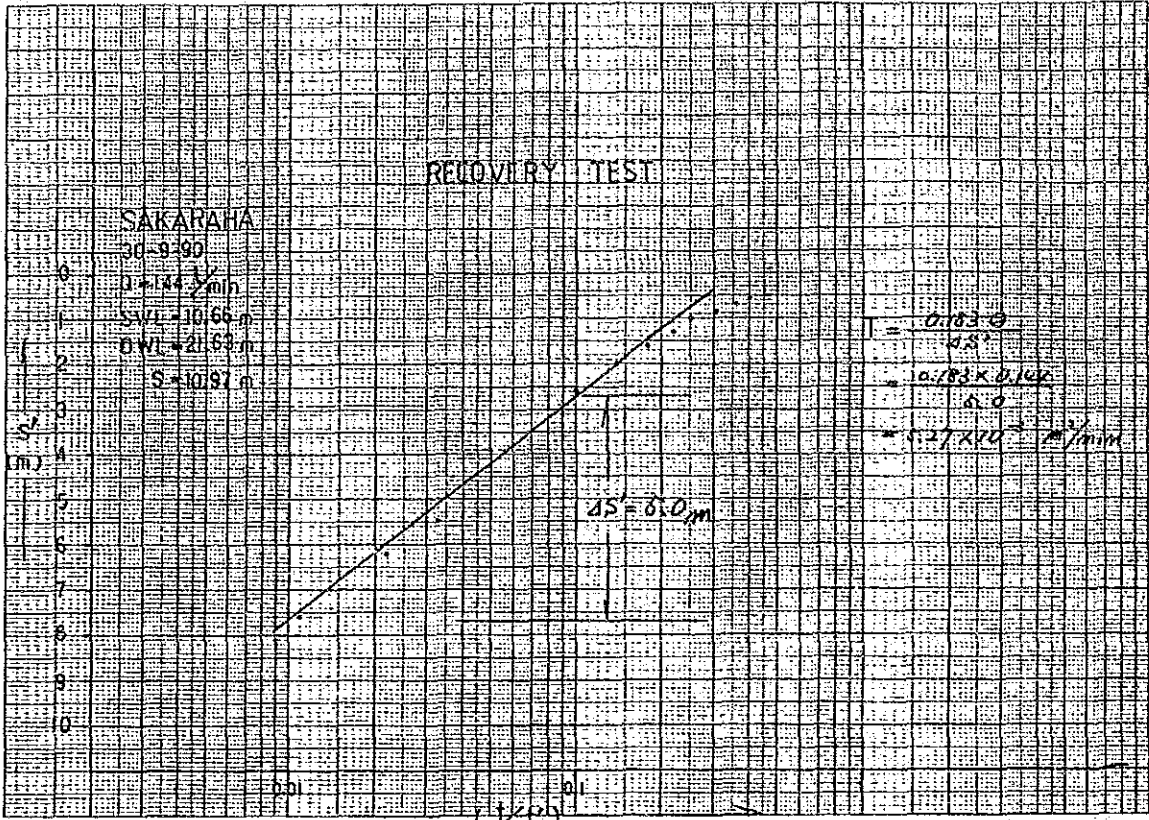


No. d Sakaraha



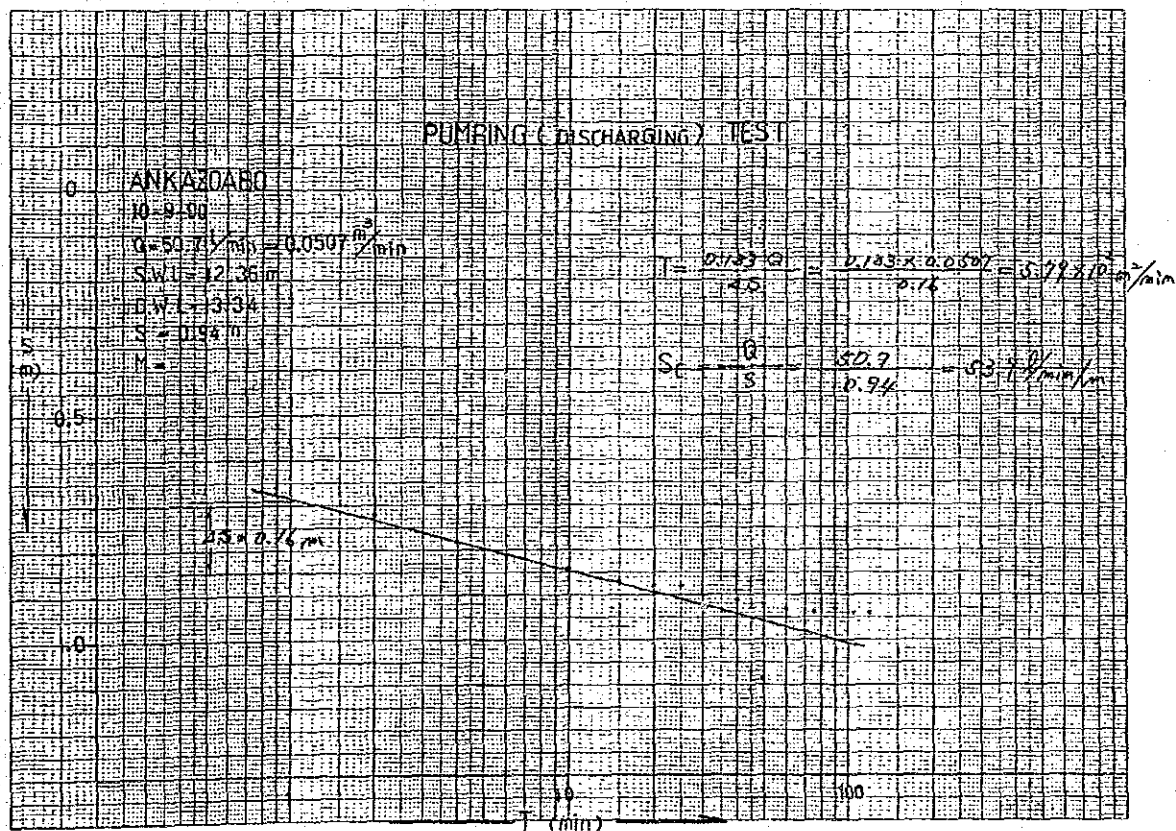
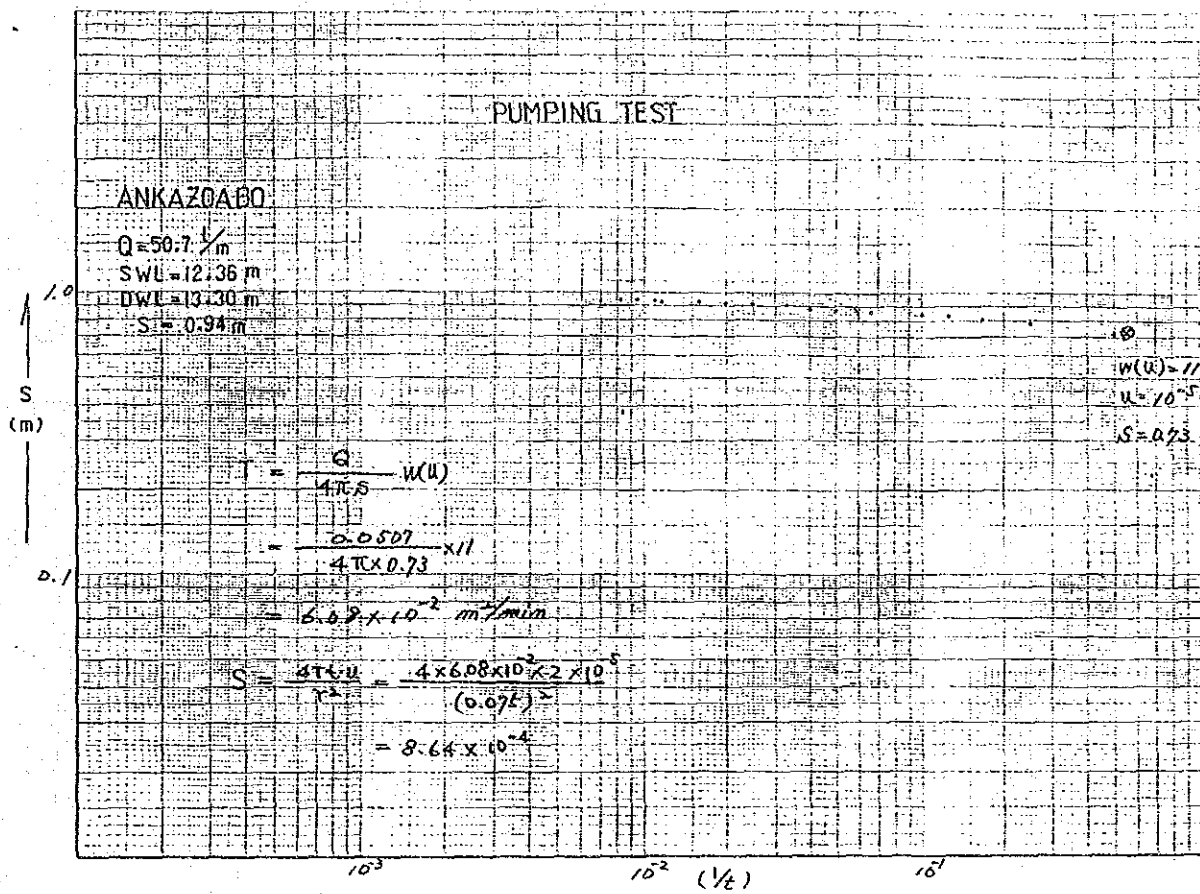


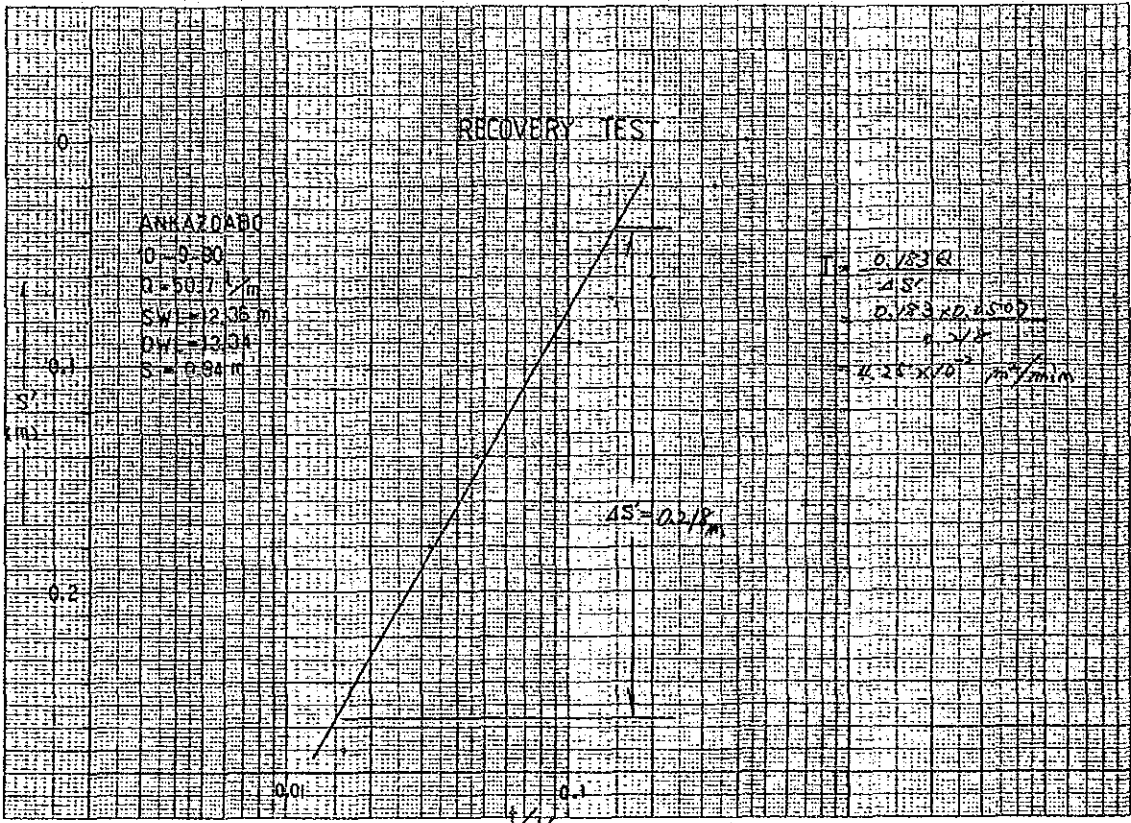




No. e      Ankazoabo















JICA