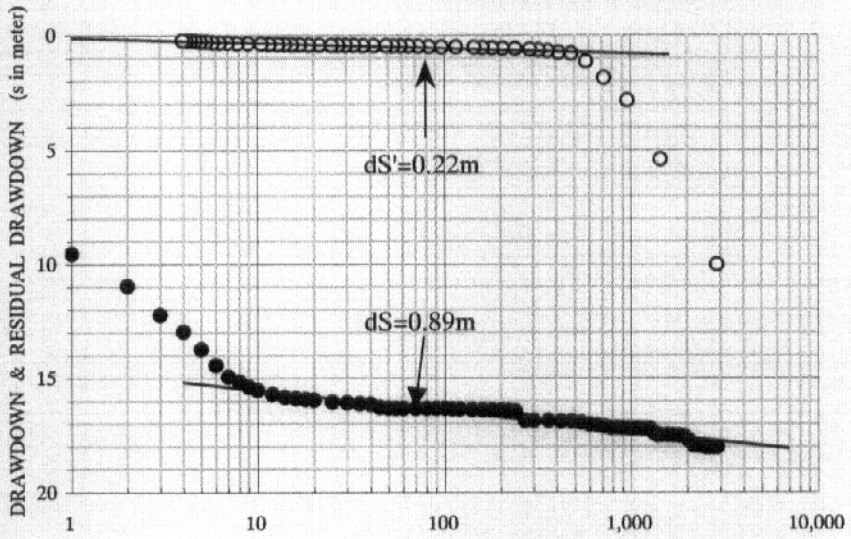
Pumping Test Summary

No.: **PT-3**
Location : **Ranggo**

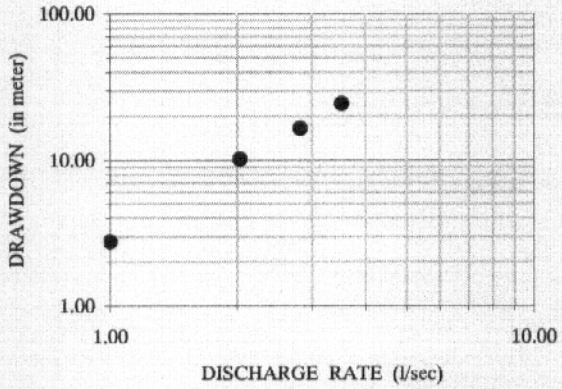
TIME DRAWDOWN GRAPH & RESIDUAL DRAWDOWN GRAPH



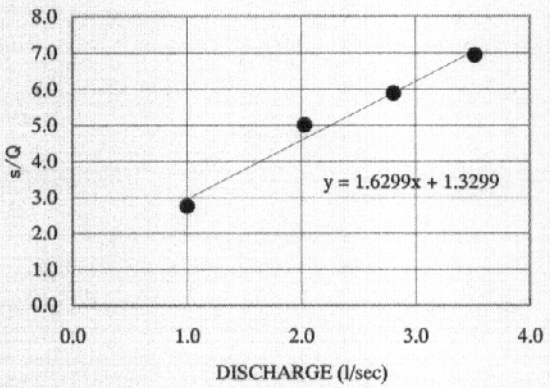
○ Data of Residual Drawown
T=15.81Q/ds'= 199(m2/d)
● Data of Time Drawdown
T=15.81Q/ds'= 50(m2/d)
SWL= -0.54(m)
Q= 2.81(l/sec)

T=(2.3/4pi)x(q/ds') [m2/d]
=15.81x(Q/ds'),
q=60x60x24xQ,
q[m3/d], Q[l/sec]

STEP DRAWDOWN TEST



WELL LOSS EVALUATION



Q (l/sec)	s (m)	Q/s(l/sec/m)	s/Q
1.00	2.75	0.36	2.75
2.03	10.16	0.20	5.00
2.81	16.54	0.17	5.89
3.52	24.41	0.14	6.93

Q: Discharge, s: Drawdown, Q/s: Specific capacity, s/Q=B+CQ

B:	1.33
C:	1.63

B:Aquifer Loss Coefficient
C:Well Loss Coefficient

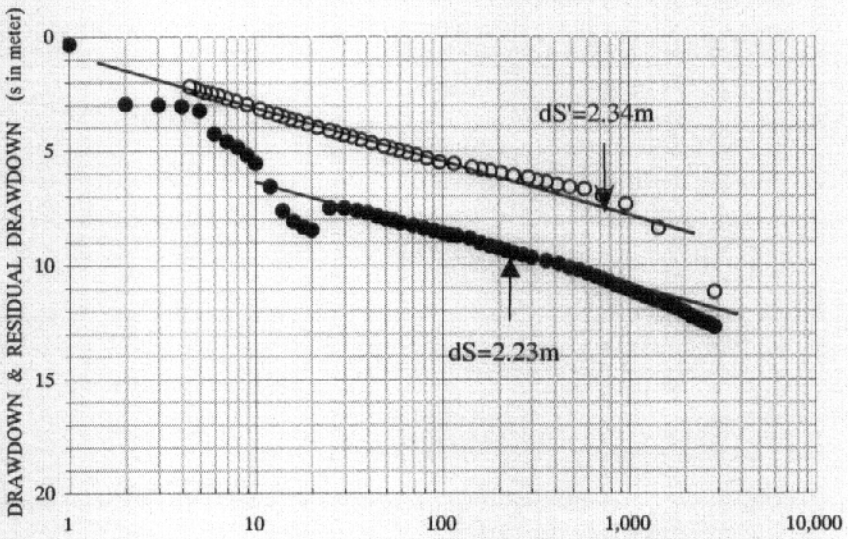
T=(2.3/4pi)x(q/ds') [m2/d]=15.81x(Q/ds'), q=60x60x24xQ, q[m3/d], Q[l/sec]

The Study on Rural Water Supply Project in Nusa Tenggara Barat and Nusa Tenggara Timur	Figure A7-11 Pumping Test Summary (PT-3 for JICA TW-3)
Japan International Cooperation Agency	

Pumping Test Summary

No.: **PT-4**
Location : **Jambu**

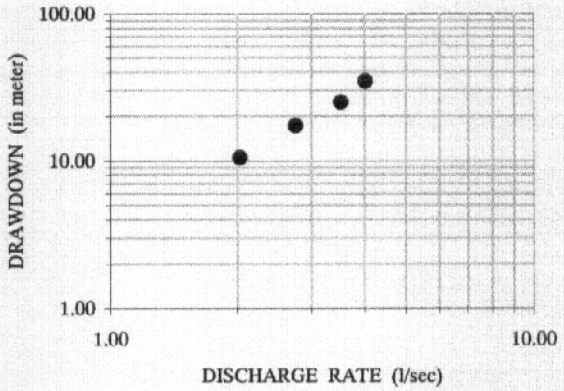
TIME DRAWDOWN GRAPH & RESIDUAL DRAWDOWN GRAPH



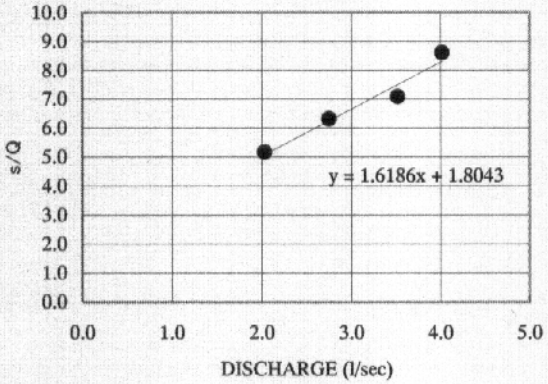
○ Data of Residual Drawown
T=15.81Q/ds'= 10.1(m2/d)
● Data of Time Drawdown
T=15.81Q/ds= 10.6(m2/d)
SWL= 2.66(m)
Q= 1.50(l/sec)

T=(2.3/4pi)x(q/ds') [m2/d]
=15.81x(Q/ds'),
q=60x60x24xQ,
q[m3/d], Q[l/sec]

STEP DRAWDOWN TEST



WELL LOSS EVALUATION



Q (l/sec)	s (m)	Q/s(l/sec/m)	s/Q
2.03	10.48	0.19	5.16
2.75	17.34	0.16	6.31
3.52	24.94	0.14	7.09
4.02	34.59	0.12	8.60

Q: Discharge, s: Drawdown, Q/s: Specific capacity, s/Q=B+CQ

B:	1.80
C:	1.62

B:Aquifer Loss Coefficient
C:Well Loss Coefficient

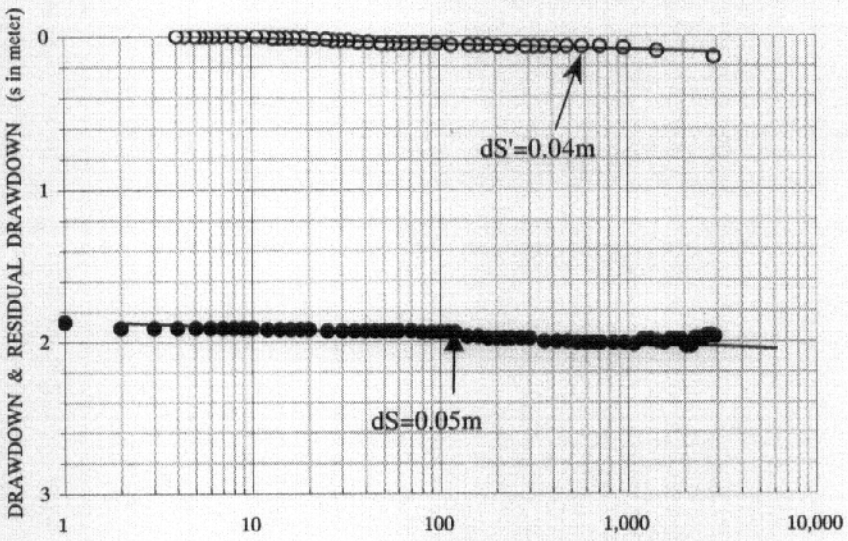
T=(2.3/4pi)x(q/ds') [m2/d]=15.81x(Q/ds'), q=60x60x24xQ, q[m3/d], Q[l/sec]

The Study on Rural Water Supply Project in Nusa Tenggara Barat and Nusa Tenggara Timur Japan International Cooperation Agency	Figure A7-12 Pumping Test Summary (PT-4 for JICA TW-4)

Pumping Test Summary

No.: **PT-7**
Location : **Kokowahor**

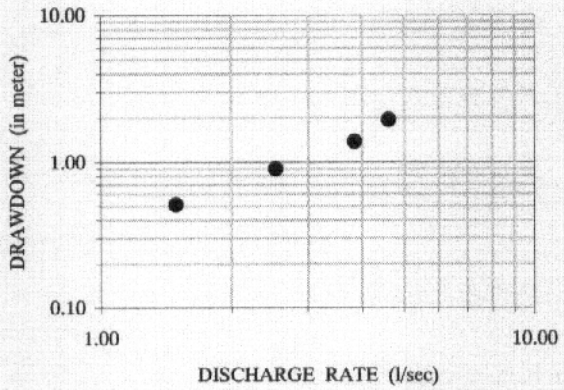
TIME DRAWDOWN GRAPH & RESIDUAL DRAWDOWN GRAPH



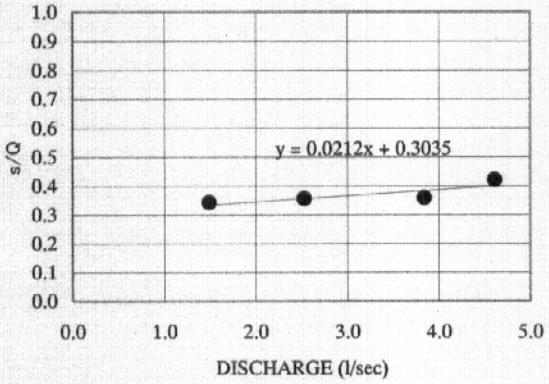
○ Data of Residual Drawown
T=15.81Q/ds'= 1823(m2/d)
● Data of Time Drawdown
T=15.81Q/ds= 1448(m2/d)
SWL= 50.28(m)
Q= 4.62(l/sec)

T=(2.3/4pi)x(q/ds') [m2/d]
=15.81x(Q/ds'),
q=60x60x24xQ,
q[m3/d], Q[l/sec]

STEP DRAWDOWN TEST



WELL LOSS EVALUATION



Q (l/sec)	s (m)	Q/s(l/sec/m)	s/Q
1.49	0.51	2.92	0.34
2.53	0.90	2.81	0.36
3.84	1.38	2.78	0.36
4.61	1.94	2.38	0.42

Q: Discharge, s: Drawdown, Q/s: Specific capacity, s/Q=B+CQ

B:	0.30
C:	0.021

B:Aquifer Loss Coefficient
C:Well Loss Coefficient

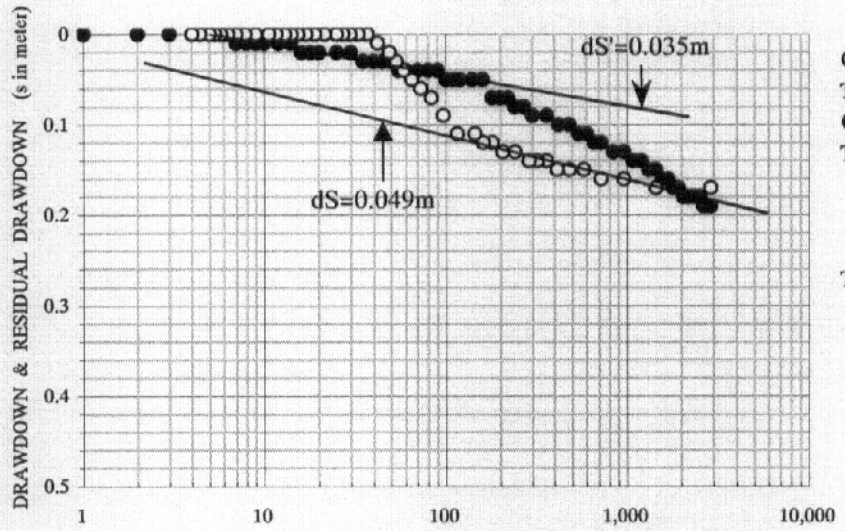
T=(2.3/4pi)x(q/ds') [m2/d]=15.81x(Q/ds'), q=60x60x24xQ, q[m3/d], Q[l/sec]

The Study on Rural Water Supply Project in Nusa Tenggara Barat and Nusa Tenggara Timur Japan International Cooperation Agency	Figure A7-13 Pumping Test Summary (PT-7 for P2AT IKI-5)

Pumping Test Summary

No.: **PT-8**
Location : **Weerame**

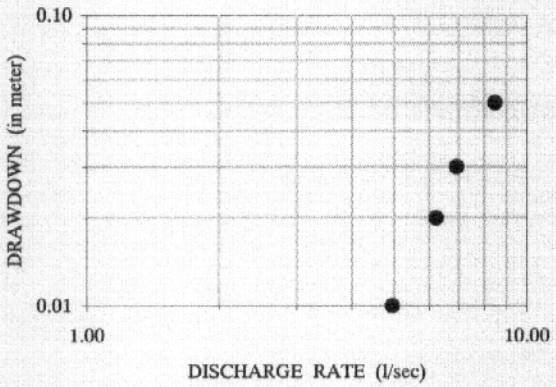
TIME DRAWDOWN GRAPH & RESIDUAL DRAWDOWN GRAPH



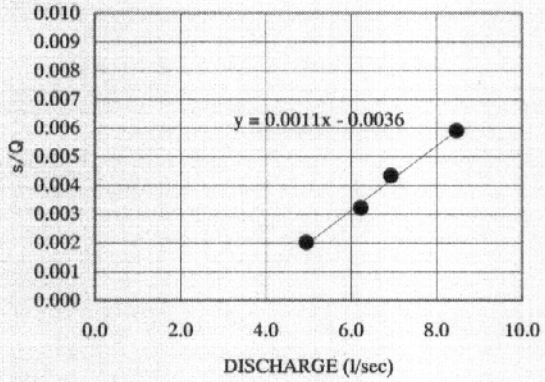
○ Data of Residual Drawown
T=15.81Q/ds'= 2500(m2/d)
● Data of Time Drawdown
T=15.81Q/ds= 3494(m2/d)
SWL= 6.30(m)
Q= 7.68(l/sec)

T=(2.3/4pi)x(q/ds') [m2/d]
=15.81x(Q/ds'),
q=60x60x24xQ,
q[m3/d], Q[l/sec]

STEP DRAWDOWN TEST



WELL LOSS EVALUATION



Q (l/sec)	s (m)	Q/s(l/sec/m)	s/Q
4.95	0.01	495.00	0.0020
6.23	0.02	311.50	0.0032
6.93	0.03	231.00	0.0043
8.47	0.05	169.40	0.0059

Q: Discharge, s: Drawdown, Q/s: Specific capacity, s/Q=B+CQ

B:	-0.0036
C:	0.0011

B:Aquifer Loss Coefficient
C:Well Loss Coefficient

T=(2.3/4pi)x(q/ds') [m2/d]=15.81x(Q/ds'), q=60x60x24xQ, q[m3/d], Q[l/sec]

The Study on Rural Water Supply Project in Nusa Tenggara Barat and Nusa Tenggara Timur Japan International Cooperation Agency	Figure A7-14 Pumping Test Summary (PT-8 for Weerame)