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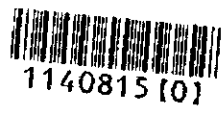
**THE STUDY
ON
THE REHABILITATION OF MINOR IRRIGATION TANKS
FOR RURAL DEVELOPMENT
IN
TAMIL NADU**

FINAL REPORT

**VOLUME VI
DATA BOOK**

JANUARY 1998

**PACIFIC CONSULTANTS INTERNATIONAL
SANYU CONSULTANTS INC.**



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**THE STUDY ON THE REHABILITATION OF MINOR IRRIGATION TANKS
FOR RURAL DEVELOPMENT IN TAMIL NADU**

FINAL REPORT

VOLUME VI : DATA BOOK

LIST OF DATA

1. Meteorological Records
2. Topographic Survey Results
3. Social Environmental Survey Results
4. Terms of Reference for Field Surveys

1. METEOROLOGICAL RECORDS

Table Monthly Climate Summary of the Northern Study Area (1/2)

STATION: TIRUTHANI
TALUK : TIRUTHANI
DISTRICT: KANCHIPURAM

LATITUDE : 13 10 00
LONGITUDE: 79 37 30
SOURCE : P.W.D.

Temperature (Celcius)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1974	23.1	24.8	28.3	32.0	32.0	31.7	30.0	29.8	28.7	27.7	24.8	23.5
1975	23.7	26.5	27.0	31.5	34.5	31.6	28.6	29.0	28.0	27.3	24.5	23.2
1976	27.5	24.1	27.9	30.9	33.9	32.9	29.2	28.6	29.1	27.5	25.8	24.6
1977	23.5	25.5	27.7	31.1	32.4	31.0	30.3	29.1	29.4	26.7	26.1	25.0
1978	25.1	26.0	28.4	31.7	33.9	32.0	30.0	30.1	29.8	28.4	26.4	24.2
1979	24.6	27.1	28.7	32.0	33.3	33.3	30.9	30.2	28.6	28.1	25.5	25.4
1980	24.8	26.1	28.5	31.3	34.7	32.0	31.1	29.3	29.7	28.8	25.9	24.8
1981	24.7	26.1	29.0	32.3	34.3	32.0	30.5	29.6	28.9	28.0	25.8	24.3
1982	25.0	27.3	30.2	32.7	33.3	33.0	31.4	31.6	31.0	28.0	25.9	25.1
1983	25.4	28.7	29.2	30.3	32.8	31.9	30.2	28.7	28.6	28.6	26.3	24.4
1984	25.2	25.5	28.5	30.8	33.8	32.4	29.4	31.2	29.8	27.1	24.6	24.0
1985	23.9	26.0	28.7	32.2	32.2	31.3	29.3	29.2	28.8	27.0	24.1	24.2
1986	23.2	25.7	27.9	30.7	33.8	32.5	31.7	29.0	29.8	27.7	25.9	24.9
1987	24.8	24.9	28.3	31.6	33.4	32.1	30.6	29.6	29.3	28.7	26.3	24.3
1988	22.6	26.3	29.9	30.9	33.8	32.8	30.7	28.3	28.2	27.8	24.1	24.5
1989	23.7	24.4	27.5	31.8	34.3	31.0	29.1	29.6	28.9	28.4	25.1	23.9
1990	23.7	26.6	29.5	32.0	31.2	30.6	30.7	29.1	29.1	27.0	25.6	24.0
1991	24.6	25.9	28.6	31.7	34.4	30.5	29.3	28.6	29.2	27.5	25.0	24.2
Mean	24.4	26.0	28.5	31.5	33.4	31.9	30.2	29.5	29.2	27.8	25.4	24.4
Maximum	27.5	28.7	30.2	32.7	34.7	33.3	31.7	31.6	31.0	28.8	26.4	25.4
Minimum	22.6	24.1	27.0	30.3	31.2	30.5	28.6	28.3	28.0	26.7	24.1	23.2

Relative Humidity (%)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1974		74.4	67.7	85.5	69.1	70.4	85.8	81.3	82.2	76.4	74.6	
1975	77.3	85.3	81.3	80.8	60.2	63.1	73.0	77.0	79.8	73.9	78.0	74.3
1976	80.0	76.2	79.5	69.3	56.0	61.7	73.0	79.9	69.4	80.2	86.3	79.1
1977	73.3	79.8	73.0	76.1	60.7	73.1	76.0	75.4	76.7	85.1	87.0	76.8
1978	73.0	77.0	68.0	60.0	56.7	55.0	66.0	64.0	71.0	78.5	81.5	88.1
1979	77.0	75.0	64.1	63.7	58.0	59.2	65.0	65.0	80.0	78.0	94.0	84.0
1980	73.0	70.0	64.0	63.6	53.0	61.5	64.4	70.1	65.1	75.3	83.5	84.5
1981	74.4	65.0	67.1	62.9	52.8	52.8	68.1	73.7	82.8	82.9	76.3	70.7
1982	65.4	63.3	56.0	58.3	53.1	51.2	61.2	55.5	62.4	71.8	79.5	72.7
1983	76.6	71.9	53.2	54.7	53.3	54.0	64.1	69.3	74.7	72.8	69.6	82.9
1984	75.6	79.9	64.5	57.1	46.2	44.4	59.0	50.0	58.2	72.8	73.9	73.1
1985	73.9	61.1	34.3	50.9	43.2	50.0	59.0	57.7	66.6	64.9	66.4	66.4
1986	63.9	62.8	59.9	50.4	44.1	44.6	45.8	52.7	59.3	67.0	67.0	65.8
1987	56.7	51.1	53.4	50.5	53.0	54.9	100.0	73.0	70.8	72.5	74.0	76.0
1988	69.4	61.9	58.2	53.9	49.1	50.3	63.4	66.3	72.3	73.9	78.0	74.1
1989	67.1	59.0	57.1	53.7	41.5	48.7	64.6	55.6	64.2	63.6	73.3	71.8
1990	58.7	66.1	59.0	52.8	56.5	53.1	56.4	63.2	65.0	71.2	72.0	71.0
1991	66.7	55.9	55.7	52.4	49.0	62.7	60.7	62.8	67.8	67.5	77.9	69.2
Average	70.7	68.6	62.3	60.9	53.1	56.1	67.0	66.2	70.5	73.8	77.4	75.3
Maximum	80.0	85.3	81.3	85.5	69.1	73.1	100.0	81.3	82.8	85.1	94.0	88.1
Minimum	56.7	51.1	34.3	50.4	41.5	44.4	45.8	50.0	58.2	63.6	66.4	65.8

Monthly Evaporation (mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual
1974	119.0	151.0	219.8	264.5	278.5	278.6	217.9	238.2	163.1	138.5	118.6	149.6	2,337.3
1975	41.2	169.4	256.0	287.0	632.1	342.6	193.9	198.3	141.9	126.5	110.4	121.7	2,621.0
1976			208.3	254.4	352.7	277.9	198.3	156.1	163.6	116.9	100.3		132.3
1977	179.2	148.4	161.5	156.2	210.6	216.3	225.0	226.5	213.0	178.2	124.5	130.2	2,169.6
1978	137.5	138.2	178.5	201.0	259.6	302.9	251.0	273.2	223.5	150.9	137.4	79.2	2,332.9
1979	118.2	136.6	210.3	223.4	223.3	255.8	228.5	206.4	149.1	148.9	67.9	131.6	2,100.0
1980	133.7	147.7	196.4	197.2	230.3	197.1	165.6	182.0	175.7	170.4	126.5	134.0	2,056.6
1981	149.0	142.7	162.4	183.2	218.2			202.3	143.1	114.4	113.1	111.6	
1982	148.2	169.4	223.9	230.1	257.4	310.4	233.6	242.7	226.7	179.1	120.3	24.9	2,366.7
1983	138.0	166.9	240.0	267.0	259.0	292.5	180.3	166.5	130.4	126.4	129.7	85.5	2,182.2
1984	98.3	94.0	164.0	229.3	313.7	299.3	168.9	233.4	214.5	103.2	21.4	94.2	2,034.2
1985	105.5	130.0	202.0	197.5	199.8	196.8	368.9	166.9	154.7	136.2	109.9	109.9	2,078.1
1986	102.4	118.9	174.1	228.7	264.2	270.7	267.0	228.2	189.3	144.3	107.7	112.6	2,208.1
1987	131.3	147.5	207.3	234.0	253.5	240.7	224.5	180.2	159.7	143.5	98.2	78.5	2,098.9
1988	98.0	136.0	195.0	225.5	259.7	267.0	186.2	178.8	136.9	150.5	119.9	84.6	2,038.1
1989	107.0	118.5	204.0	230.0	305.5	206.9	149.5	166.9	141.8	131.1	96.2	101.0	1,955.4
1990	127.2	150.0	202.3	208.7	204.6	238.2	198.9	169.7	157.2	131.8	86.4	107.0	1,982.0
1991	127.7	136.5	191.6	220.1	292.1	155.5	136.5	127.6	116.1	100.0	64.9	67.3	1,735.9
Mean	121.3	141.3	199.7	224.3	278.6	255.8	211.4	196.9	166.7	138.4	103.0	103.1	2,143.6
Maximum	179.2	169.4	256.0	287.0	632.1	342.6	368.9	273.2	226.7	179.1	137.4	149.6	2,621.0
Minimum	41.2	94.0	161.5	156.2	199.8	155.5	136.5	127.6	116.1	109.0	21.4	24.9	1,735.9

Table Monthly Climate Summary of the Northern Study Area (2/2)

STATION : TIRUTHANI
 TALUK : TIRUTHANI
 DISTRICT: KANCHIPURAM

LATITUDE : 13 10 00
 LONGITUDE : 79 37 30
 SOURCE : P.W.D.

Wind Speed (km/h)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1974	4.80	5.00	8.33	7.57	8.91	12.26	10.00	10.61	7.53	5.58	4.70	6.48
1975	5.83	4.96	3.50	4.73	5.12	14.40	8.03	8.32	4.20	3.74	5.60	6.00
1976												
1977	11.90	8.60	11.67	6.77	12.55	9.53	8.19	6.70	9.13	3.60	4.30	7.60
1978	4.30	6.10	5.70	5.93	7.45	3.00	8.00	6.70	5.90	3.70	5.06	6.00
1979	6.00	4.00	8.26	5.57	7.40	8.00	6.00	6.00	4.00	3.80	4.00	4.00
1980	4.00	3.30	5.00	6.00	6.50	6.27	6.40	3.95	3.16	2.92	3.17	3.10
1981	3.00	2.40	4.87	5.07	5.74	6.11		8.42	4.90	4.29	4.80	5.74
1982	4.40	5.80	7.53	7.63	7.74	13.80	17.45	17.45	15.98	6.50	4.40	3.97
1983	3.73	6.14	6.59	7.96	7.23	10.66	6.88	6.90	5.45	3.90	3.34	4.36
1984	3.29	4.90	4.40	5.34	7.20	9.32	4.44	7.40	4.51	2.13	4.53	3.00
1985	3.48	3.10	4.59	5.34	7.79	8.78	4.40	5.18	3.83	2.71	2.58	2.72
1986	2.93	2.52	3.63	5.40	6.43	8.22	9.11	8.79	7.52	4.56	3.67	2.33
1987	2.14	3.58	6.75	7.86	8.32	9.91	10.00	7.01	7.12	4.12	3.50	12.00
1988	5.60	3.72	4.77	5.63	7.30	9.39	6.69	5.71	3.98	2.11	3.03	3.27
1989	3.23	3.05	3.73	4.65	6.48	7.34	4.68	5.24	3.11	2.36	3.47	3.25
1990	3.31	4.49	5.44	5.82	7.22	8.15	7.74	7.22	4.63	2.71	2.12	3.00
1991	2.74	2.99	4.33	5.23	6.48	6.65	6.63	3.75	2.55	1.92	2.25	1.36
Mean	4.39	4.39	5.83	6.03	7.40	8.93	7.79	7.37	5.74	3.57	3.80	4.60
Maximum	11.90	8.60	11.67	7.96	12.55	14.40	17.45	17.45	15.98	6.50	5.60	12.00
Minimum	2.14	2.40	3.50	4.65	5.12	3.00	4.40	3.75	2.55	1.92	2.12	1.36

Sunshine hours/day

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1977								4.7	7.5	5.5	5.0	8.5
1978	9.2	9.2	9.0	9.5	9.0	4.3	4.5	9.0	5.0	6.5	7.4	4.5
1979	9.1	8.3	9.8	10.1	8.5	7.3	5.5	7.0	6.0	7.0	3.3	8.5
1980	11.1	11.2	10.7	9.8	9.5	5.2	3.8	5.0	7.0	7.6	6.9	7.8
1981	8.9	9.1	10.1	9.8	9.9	7.8		6.5	6.2	6.1	6.3	7.1
1982	8.7	10.0	10.2	9.8	9.1	5.1	4.5	4.4	6.7	7.8	6.5	8.2
1983	2.0	9.3	10.3	10.1	9.0	7.0	4.5	4.2	4.9	6.1	8.6	4.9
1984	7.4	6.3	8.8	9.2	8.9	5.3	4.3	7.3	5.8	6.0	5.6	7.8
1985	8.5	10.0	10.3	10.5	9.6	5.6	4.3	7.1	7.0	6.6	3.1	6.1
1986	6.0	8.8	9.9	10.9	9.2	6.8	7.2	6.9	6.7	4.8	4.8	6.1
1987	9.2	10.3	10.6	9.7	9.8	5.4	6.8	6.2	6.7	7.1	6.4	5.0
1988	9.8	10.9	10.4	10.2	8.4	8.1	6.3	5.0	6.2	9.0	7.6	8.9
1989	8.6	11.2	9.6	11.0	10.3	6.4	6.3	6.7	4.8	5.3	6.0	6.7
1990	8.4	9.0	8.7	9.6	6.3	5.5	6.1	5.9	6.1	5.3	6.8	7.0
1991	9.0	9.9	11.0	10.6	10.8	6.1	5.0	5.8	6.8	6.0	7.3	7.5
Mean	8.3	9.5	10.0	10.0	9.2	6.1	5.3	6.1	6.2	6.4	6.1	7.0
Maximum	11.1	11.2	11.0	11.0	10.8	8.1	7.2	9.0	7.5	9.0	8.6	8.9
Minimum	2.0	6.3	8.7	9.2	6.3	4.3	3.8	4.2	4.8	4.8	3.1	4.5

Table Daily Rainfall Data of Echur Tank Area (2/5)

Year Month	Rainfall Station: Chengalpattu												1987		1988		1989		1990		1991			
	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	2.4	11.4	0	0	0	0	0	0	0	0	0	0	0	5.2
3	0	0	0	0	0	0	0	0	0	0	23.6	0	0	0	0	0	0	0	0	0	0	0	0	6.4
4	0	0	0	0	0	0	0	0	0	0	8.2	0	0	0	0	0	0	0	0	0	0	0	0	2.2
5	0	0	0	0	0	0	0	0	0	0	44.4	0	0	0	0	0	0	0	0	0	0	0	0	9.6
6	0	0	0	0	0	0	15.4	0	0	0	0	0	17.4	0	0	0	0	0	19.4	0	0	0	0	0
7	0	0	0	0	0	0	18.4	0	0	0	91.2	0	30.2	0	0	0	0	0	0	8.6	22.5	0	0	0
8	0	0	0	0	0	0	6	29.4	0	0	19.6	0	7.2	47.6	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	7.4	8.4	0.1	0	0	0	0	0	0	0	0	0	0	8.4	0	0
10	0	0	0	0	0	0	0	2.4	0	0	0	0	0	0	0	0	0	0	0	5.6	0	28.2	0	1.8
11	0	0	0	0	0	0	41.2	0	0	0	0	0	0	0	0	0	0	4.6	0	0	0	0	0	0
12	0	0	0	0	0	0	44.2	0	0	0	0	0	0	0	0	0	0	16.2	53.2	0	0	0	0	22.2
13	0	0	0	0	0	0	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.4	0	0	14.6	0	37.6
15	0	0	0	0	0	0	17.6	0	0	0	12.6	0	0	0	0	0	0	0	0	0	2	0	0	15.4
16	0	0	0	0	0	0	7.4	0	0	0	40.2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	2.4	0	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	5.2	0	0	0	0	0	0	0	0	0	0	13.2	0	0	0	0	0
19	0	0	0	0	0	0	0	0	43.4	0	0	0	0	0	0	0	0	0	0	0	10.6	0	0	2.4
20	0	0	0	0	0	4.2	0	6.4	0	0	0	0	0	0	0	0	0	31.2	0	0	1.4	0	0	20.6
21	0	0	0	0	0	0	35.6	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	0	0	0
22	0	0	0	0	0	0	20.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	19.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	16.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.2	0	0	0	0	0	5.2
28	0	0	0	0	0	0	0	12.4	0	0	0	0	0	0	0	0	0	0	0	0	0	2.6	0	0
29	0	0	0	0	0	0	0	78.4	18.2	0	0	0	0	0	0	0	0	0	0	0	0	9.2	0	0
30	0	0	0	0	0	0	0	20.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	4.2	23.2	19.4	35.8	5.4	24.5	11.4	0	0	0	0	0	6.1	10.7	14.4	38.9	63.4	11.7	95.6
Sum	0	0	0	0	0	4.2	23.2	19.4	35.8	5.4	24.5	11.4	0	0	0	0	0	6.1	10.7	14.4	38.9	63.4	11.7	95.6
Rainy days	0	0	0	0	0	1	12	6	5	3	8	1	0	0	0	0	5	5	6	2	2	5	7	4

Table Daily Rainfall Data of Cherukkanur Tank Area (1/5)

Year Month	Rainfall Station : Tirutani											
	1986 Jan	1986 Feb	1986 Mar	1986 Apr	1986 May	1986 Jun	1986 Jul	1986 Aug	1986 Sep	1986 Oct	1986 Nov	1986 Dec
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	1.5	0	0	0	0	0	0	0	0	0	0	0
13	2.1	0	0	0	0	0	0	0	0	0	0	0
14	66.5	0	0	0	0	0	0	0	0	0	0	0
15	2.2	0	0	0	0	0	0	0	0	0	0	0
16	16	2.2	0	0	0	0	0	0	0	0	0	0
17	7	0	0	0	0	0	0	0	0	0	0	0
18	0	16.5	0	0	0	0	0	0	0	0	0	0
19	0	16.2	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Total	107.2	47.4	0	0.7	36.7	0	22.3	58.8	122	176.5	187	42.3
Rainy days	3	3	0	0	5	0	2	1	6	7	7	2

Table Daily Rainfall Data of Cherukkanur Tank Area (3/5)

Year Month	Rainfall Station : Tirutani																							
	1990 Jan	1990 Feb	1990 Mar	1990 Apr	1990 May	1990 Jun	1990 Jul	1990 Aug	1990 Sep	1990 Oct	1990 Nov	1990 Dec	1991 Jan	1991 Feb	1991 Mar	1991 Apr	1991 May	1991 Jun	1991 Jul	1991 Aug	1991 Sep	1991 Oct	1991 Nov	1991 Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rainy days	1	1	3	2	0	0	3	7	0	0	10	5	0	0	0	0	0	5	5	7	7	11	13	0

Table Daily Rainfall Data of Cherukkanur Tank Area (4/5)

Year	Rainfall Station : Irutani																			
	1992 Jun	1992 Jul	1992 Aug	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 Jun	1993 Jul	1993 Aug	1993 Sep	1993 Oct	1993 Nov	1993 Dec	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	30	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	15	0	5	5	35	13	0	0	0	0	0	0	10	0	0	0	37	2	0	0
4	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	23	18	0	0	0
5	0	0	0	11	0	0	0	0	0	0	0	0	0	0	9	21	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0
10	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	15	5	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	5	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	5	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	8	22	0	0	0	0	0	0	0	0	14	0	0	0	0	0
16	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	45	18	84	58	70	152	0	0	23	0	0	0	25	68	110	167	128	243	8	8
Rainy days	2	2	6	6	7	9	0	0	1	0	0	0	2	4	7	8	5	7	1	1

Table Daily Rainfall Data of Polampakkam Tank Area (4/5)

Rainfall Rainfall Station: Madurantakam			1992												1993												1994	
Year	1992												1993												1994			
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sum	Rainy days		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.2	57		
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.5	58		
3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0		
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.1	59		
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	6		
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	4		
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.8	0		
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sum	0.5	0	0	0	0	0	136.5	134.2	90.8	115.9	506.2	0	0	0	0	0	92	41.6	1	97.3	203.1	119.0	410.4	308.6				
Rainy days	0	0	0	0	0	0	6	5	5	8	16	0	0	0	0	0	5	1	6	6	8	13	13	12				

Table Daily Rainfall Data of Polampakkam Tank Area (5/5)

Rainfall Rainfall Station: Madurantakam																								
Year	1984	1984	1984	1984	1984	1984	1984	1984	1984	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985				
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	3	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	5	13.4	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	3.8	0	0	6	22	0	0	0	0	0	0	0	0	0	0	27	15	0
5	0	0	0	0	0	0	60	3.8	0	0	161	0	0	0	0	0	0	0	0	0	0	0	4	0
6	0	0	0	0	0	0	7	32	0	0	121	0	0	0	0	0	72	0	0	0	0	0	39	0
7	0	0	0	0	0	0	28.4	0	0	0	0	0	0	0	0	0	75	0	23	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.4	0	0	0	6.2	2	0	0
9	0	0	0	0	0	15.9	0	0	0	0	21	0	0	0	0	0	3	0	15	0	0	3	0	0
10	0	0	0	0	0	0	0	0	0	0	2.2	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	15	9.4	0	0	0	0
15	0	0	0	0	0	0	0	25	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	13	0	4	4	23	3.4	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	4	1.2	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	8.4	36	0	0	0	0	0	60	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	12.6	0	0	0	0	0	37	0	0	52	0	0	0
22	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	2	9	0	0	0	0	0	0	0	0	0	0	0	20	0
24	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	13	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sum	0	0	0	0	0	219	113.2	145.8	186	329.7	483	71.8	21.6	37	0	37.4	105.4	175.6	163.6	118.4	33.8	97	108	0
Rainy days	0	0	0	0	1	2	6	12	3	9	14	3	4	1	0	1	4	6	7	6	9	6	6	0

Table Daily Rainfall Data for Enadur Tank Area (3/5)

Rainfall Rainfall Station: Kanchipuram

Year	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1991	1991	1991	1991	1991	1991	1991	1991	1991						
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	56	5	52	20	2	1	5	1	0	0	0	0	0	0	0	0	0	0	9	77	315	147	275	509	25
Reynolds	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	9	8	8	12	1

Table Daily Rainfall Data of Vadakkupattu Tank Area (1/5)

Year Month	Rainfall Station : Siperumpudur																							
	1986 Jan	1986 Feb	1986 Mar	1986 Apr	1986 May	1986 Jun	1986 Jul	1986 Aug	1986 Sep	1986 Oct	1986 Nov	1986 Dec	1987 Jan	1987 Feb	1987 Mar	1987 Apr	1987 May	1987 Jun	1987 Jul	1987 Aug	1987 Sep	1987 Oct	1987 Nov	1987 Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	70.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	96.2	10.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	6.2	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	143.6	38.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raindays	5	3	0	0	1	2	2	5	3	6	8	8	0	0	2	1	1	8	3	10	6	6	6	13

Table Daily Rainfall Data of Vadakkupattu Tank Area (2/5)

Year	Rainfall Station : Siperumpudur																								
	1968 Jan	1968 Feb	1968 Mar	1968 Apr	1968 May	1968 Jun	1968 Jul	1968 Aug	1968 Sep	1968 Oct	1968 Nov	1968 Dec	1969 Jan	1969 Feb	1969 Mar	1969 Apr	1969 May	1969 Jun	1969 Jul	1969 Aug	1969 Sep	1969 Oct	1969 Nov	1969 Dec	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	18	210.3	215.9	77.3	60	285.4	60	0	0	0	0	0	0	0	0	0	0	0	0	0
Runoff	0	0	0	0	0	3	10	11	6	5	10	4	1	0	0	0	0	0	13	2	8	5	5	0	2

Table Daily Rainfall Data of Vadakkupattu Tank Area (3/5)

Rainfall Station : Sripurumpudur		1990		1990		1990		1990		1991		1991		1991		1991		1991		1991				
Year	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990			
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	41	0	0	0	0	0	5.3	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	13	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.3	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	20.1	0	0	0	0	0	0	0	0	0	0	0	41	0	0	0	0	208.8	25.3	10.5	112.5	203.4	415.9	3
Rainydays	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	8	5	7	10	9	11	1

Table Daily Rainfall Data of Vadakkupattu Tank Area (5/5)

Year/ Month	Rainfall Station : Siperumpudur																							
	1994 Jan	1994 Feb	1994 Mar	1994 Apr	1994 May	1994 Jun	1994 Jul	1994 Aug	1994 Sep	1994 Oct	1994 Nov	1994 Dec	1995 Jan	1995 Feb	1995 Mar	1995 Apr	1995 May	1995 Jun	1995 Jul	1995 Aug	1995 Sep	1995 Oct	1995 Nov	1995 Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2.2	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	4.2	16.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	26.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	24.2	0	0	0	23.5	31.2	144.9	95.5	465.3	353.8	187.2	104.8	0	0	0	363.6	215.2	0	355.6	183.2	121.6	199	0
Rainydays	0	1	0	0	3	1	7	14	5	12	13	4	3	0	0	0	6	6	0	13	8	9	6	0

Table Daily Rainfall Data of Siruvai Tank Area (1/5)

Year	Rainfall Station: Sivaganga											
	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	55	0	0	0	0	0	0	0	0	0	0	0
2	70.2	0	0	21	0	0	21.2	7.6	0	0	0	0
3	0	5	0	0	0	0	0	0	7	0	12.2	0
4	0	0	0	0	0	0	0	0	0	0	26.2	0
5	0	0	0	0	70	0	0	0	0	0	64.8	14
6	0	0	0	0	0	0	0	10	0	0	0	38.6
7	0	0	0	0	0	0	0	0	0	0	13.4	0
8	0	0	0	0	0	57.1	0	0	0	0	10.2	0
9	0	0	0	0	0	6.4	0	0	0	0	0	0
10	0	0	0	0	0	0	1.8	0	40	0	0	0
11	0	0	0	0	0	0	0	0	14	0	0	0
12	0	0	0	0	0	0	0	0	12.4	9.2	0	0
13	0	0	18	0	0	35	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	2	0	0	0
17	20.4	0	0	0	0	0	0	0	0	139.4	0	0
18	0	0	0	0	0	0	0	0	0	51.2	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	18.2	0	0
21	0	0	0	0	0	0	0	0	0	0	0	5.4
22	0	0	0	0	0	0	0	0	0	0	0	12.1
23	0	0	0	0	0	0	0	0	17.6	2.6	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	18	0	19.8	10.6	0	0	0	9.1
26	0	0	0	0	0	0	0	19.6	0	0	0	77.8
27	0	0	0	0	0	0	0	24.3	0	6.4	0	0
28	0	0	0	0	0	0	0	12	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	16.8	24.6	0
Total	154.6	5	18	21	95	100.5	105.8	95.4	98	24.4	171.4	339.8
Rainy days	4	1	1	1	5	3	5	6	6	7	6	10

Table Daily Rainfall Data of Siruvalai Tank Area (3/5)

Rainfall Station: Sivaganga		1990												1991											
Year	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2		0	0	0	0	9.8	96.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5		0	0	0	0	0	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total		88.1	0	8.5	11	82.2	123.4	29.6	199.4	0	315.2	117.6	20.2	34.4	1	1.5	51.4	0	81.6	1.2	46.4	97.7	225.3	36.2	
Rainy days		3	0	2	2	3	4	3	6	0	10	11	2	2	0	0	3	0	2	0	2	5	15	5	

Table Daily Rainfall Data of Siruvalai Tank Area (4/5)

		Rainfall Station: Sivaganga																						
Year	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993				
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3.2	0	0	0	0	0	4.2	0	0	2.3	0	0	0	0	0	0	0	4.2	0	0	3.2	7.2	5.2	0
3	0	0	0	0	0	0	0	0	0	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2.2	0	0	0	0	0	0	0	0	1.6	13.2	0	0	0	0	0	0	3	0	0	0	0	0	0
5	0	0	0	0	1.2	0	0	0	0	0	5	0	0	0	0	0	0	0	0	4	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	17.3	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	11.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	13.2	0	0	0	44.4	6	0	0	0	0	0	0	0	0	0	0	3.2	0	0
9	0	0	0	0	0	0	0	0	0	0	43.4	0	0	0	0	0	0	0	0	0	0	38.2	29.2	16
10	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	3.4	0	0	0	0	37.2	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	61.4	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	33.2	0	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	24	0	0	0	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	36.4	0	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	14.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	46.2	0	24.2	0	0	0	0	0	0	0	0	14.2	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5.4	0	0	0	32.3	37.8	87.6	20.2	103	126.6	237.6	0	0	0	0	0	0	79	42.8	38	43.2	102.2	165.6	76.4
Empty days	1	0	0	0	2	3	4	2	4	7	13	0	0	0	0	0	0	7	4	3	3	11	13	7

Table Daily Rainfall Data of Ramalingapuram Tank Area (3/5)

Year Month	Rainfall Station: Sattur																								
	1990 Jan	1990 Feb	1990 Mar	1990 Apr	1990 May	1990 June	1990 July	1990 Aug	1990 Sep	1990 Oct	1990 Nov	1990 Dec	1991 Jan	1991 Feb	1991 Mar	1991 Apr	1991 May	1991 June	1991 July	1991 Aug	1991 Sep	1991 Oct	1991 Nov	1991 Dec	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	24.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	3	2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	47.2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	9.3	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	10.8	0	0	0	0	0	0	0	0	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	211.6	6.6	1	0	58.7	19.4	33.4	57.8	0	173.3	27.6	0	0	0	0	72.2	0	24.6	0	3.2	118.2	153	11	4	3
Rainydays	4	1	0	0	5	1	2	3	0	8	2	0	0	0	0	3	0	4	1	1	4	11	4	4	3

Table Daily Rainfall Data of Ramalingapuram Tank Area (4/5)

Year Month	Rainfall Station: Sattur																							
	1992 Jan	1992 Feb	1992 Mar	1992 Apr	1992 May	1992 June	1992 July	1992 Aug	1992 Sep	1992 Oct	1992 Nov	1992 Dec	1993 Jan	1993 Feb	1993 Mar	1993 Apr	1993 May	1993 June	1993 July	1993 Aug	1993 Sep	1993 Oct	1993 Nov	1993 Dec
1	3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	48.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5.8	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9.2	0	0	0	0	0	0	0	0	109.3	140.1	0	0	0	26.7	27.4	153.5	53.1	0	25.9	61	163.2	310	61.4
Rainydays	2	0	0	0	0	0	0	0	0	4	6	0	0	0	1	3	4	4	0	3	5	10	9	5

Table Daily Rainfall Data of Pandikanmai (1/5)

Year	1986												1987												1987	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0	0	0	0	17.6	0	0	0	16.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
2	0	0	0	0	0	0	0	0	0	10.3	0	0	0	0	0	0	0	0	0	0	0	0	0			
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5	0	0	0	48.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7	0	0	0	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12	4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
13	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total	14.4	14.4	5	72.6	17.6	20.8	2.2	63	152.8	104.9	40.9	0	0	0	6.2	28.4	24.6	41	51.6	53.4	40	15.3	18.7			
Rainy days	2	2	1	3	1	1	0	1	5	7	4	0	0	0	1	2	1	2	2	4	3	6	3			

Table Daily Rainfall Data of Pandikanmai (4/5)

Year	1992												1993											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	0	0	15	43	48.4	80.5	114.4	281.2	0	0	10.4	0	5.4	82.4	4.6	25.0	51	76	207.2	365.8	245
Rainy days	0	0	0	0	2	1	3	3	7	5	12	0	0	1	0	0	0	1	2	2	3	3	15	9

Table Daily Rainfall Data of Sengangulam Tank Area (3/15)

Rainfall Station : Manamadurai		1990												1991											
Year	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	5	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	6	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total		243	0	0	0	0	0	0	0	0	0	0	0	54.8	0	0	85	0	104	40	194	25	98	72	110
Rainy days		3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3	3	1	4	3	9	7	

Table Daily Rainfall Data of Sengangulam Tank Area (4/5)

Rainfall Station : Manamadurai		1992												1993												1993	
Year	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
13		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
14		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
15		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
16		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
17		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
19		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
22		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
23		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
25		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
26		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
27		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
28		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
29		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
31		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total		0	0	0	0	0	32	35	63	192	205	840	0	0	0	8	37	143	82	306	244	201.7	594.8	253.6			
Rainy days		0	0	0	0	0	3	3	3	8	6	19	0	0	0	1	0	4	5	6	2	13	16	8			

Table Daily Rainfall Data of Kurumbi Tank Area (1/5)

Rainfall Station: Karaikudi																								
Year	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	5	0	0	13	0	0	6	0	0	0	0	0	11	0	45	0	0	0	0	0
4	0	0	0	0	0	0	0	20	0	0	0	30.5	0	0	0	0	0	0	0	0	0	9	0	0
5	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	4	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	0	0
10	0	0	0	0	10	0	0	0	14	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0
13	0	0	0	0	0	0	100.4	0	28	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0
14	0	0	0	0	0	0	9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	69	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	6	0	3	9.5	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	103	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	15	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	15	0	12	0	0	0	0	0	0	0	0	0	59	0	0
20	0	0	0	0	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.2	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	151	59	395	128	308	248	152	140	0	0	0	0	17.3	51.2	28	72	84	331	0	0
Rainy days	0	0	0	0	5	2	7	5	10	8	7	8	0	0	0	0	2	4	3	3	3	14	0	0

Table Daily Rainfall Data of Kurumbi Tank Area (4/5)

Year	1982												1993											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3												0	0	0	0	0	0	0	0	0	0	0	6.4
2													0	0	0	0	0	0	0	0	0	0	0	0
3													0	0	0	0	0	0	0	0	0	0	0	0
4													0	0	0	0	0	0	0	0	0	0	0	0
5													0	0	0	0	0	0	0	0	0	0	0	0
6													0	0	0	0	0	0	0	0	0	0	0	0
7													0	0	0	0	0	0	0	0	0	0	0	0
8													0	0	0	0	0	0	0	0	0	0	0	0
9													0	0	0	0	0	0	0	0	0	0	0	0
10													0	0	0	0	0	0	0	0	0	0	0	0
11													0	0	0	0	0	0	0	0	0	0	0	0
12													0	0	0	0	0	0	0	0	0	0	0	0
13													0	0	0	0	0	0	0	0	0	0	0	0
14													0	0	0	0	0	0	0	0	0	0	0	0
15													0	0	0	0	0	0	0	0	0	0	0	0
16													0	0	0	0	0	0	0	0	0	0	0	0
17													0	0	0	0	0	0	0	0	0	0	0	0
18													0	0	0	0	0	0	0	0	0	0	0	0
19													0	0	0	0	0	0	0	0	0	0	0	0
20													0	0	0	0	0	0	0	0	0	0	0	0
21													0	0	0	0	0	0	0	0	0	0	0	0
22													0	0	0	0	0	0	0	0	0	0	0	0
23													0	0	0	0	0	0	0	0	0	0	0	0
24													0	0	0	0	0	0	0	0	0	0	0	0
25													0	0	0	0	0	0	0	0	0	0	0	0
26													0	0	0	0	0	0	0	0	0	0	0	0
27													0	0	0	0	0	0	0	0	0	0	0	0
28													0	0	0	0	0	0	0	0	0	0	0	0
29													0	0	0	0	0	0	0	0	0	0	0	0
30													0	0	0	0	0	0	0	0	0	0	0	0
31													0	0	0	0	0	0	0	0	0	0	0	0
Totals	3	0	0	0	3	85.6	23	57	181.5	208.5	287.2	0	0	0	0	0	22.2	69.5	58.6	42	94.8	213.8	434.4	
Rainy Days	1	0	0	0	1	3	6	4	7	9	15	0	0	0	0	0	0	3	4	4	5	12	16	10

Table Daily Rainfall Data of Kurumbi Tank Area (5/5)

Rainfall SRainfall Station: Karaikudi		1994		1994		1994		1994		1994		1994		1995		1995		1995		1995				
Year	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1995	1995	1995	1995	1995	1995	1995			
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	32	0	0	0	0	0	2	83	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	2.2	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	14	0	0	0
6	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	41	0	0	0	0	0	0	11.2	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	58	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	33.6	0	0	0	0	0	0	0	24.4	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	2.2	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	14	0	2.2	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	4	0	17.4	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	115.4	141.8	25	1	35	51.2	230.2	197	19.6	33	0	0	0	130.9	33.4	71.5	84.6	19	208.2	87.2	0
Rainy days	0	0	0	5	4	1	1	3	5	12	9	1	1	0	0	0	6	2	5	7	2	9	7	0

2. TOPOGRAPHIC SURVEY RESULTS

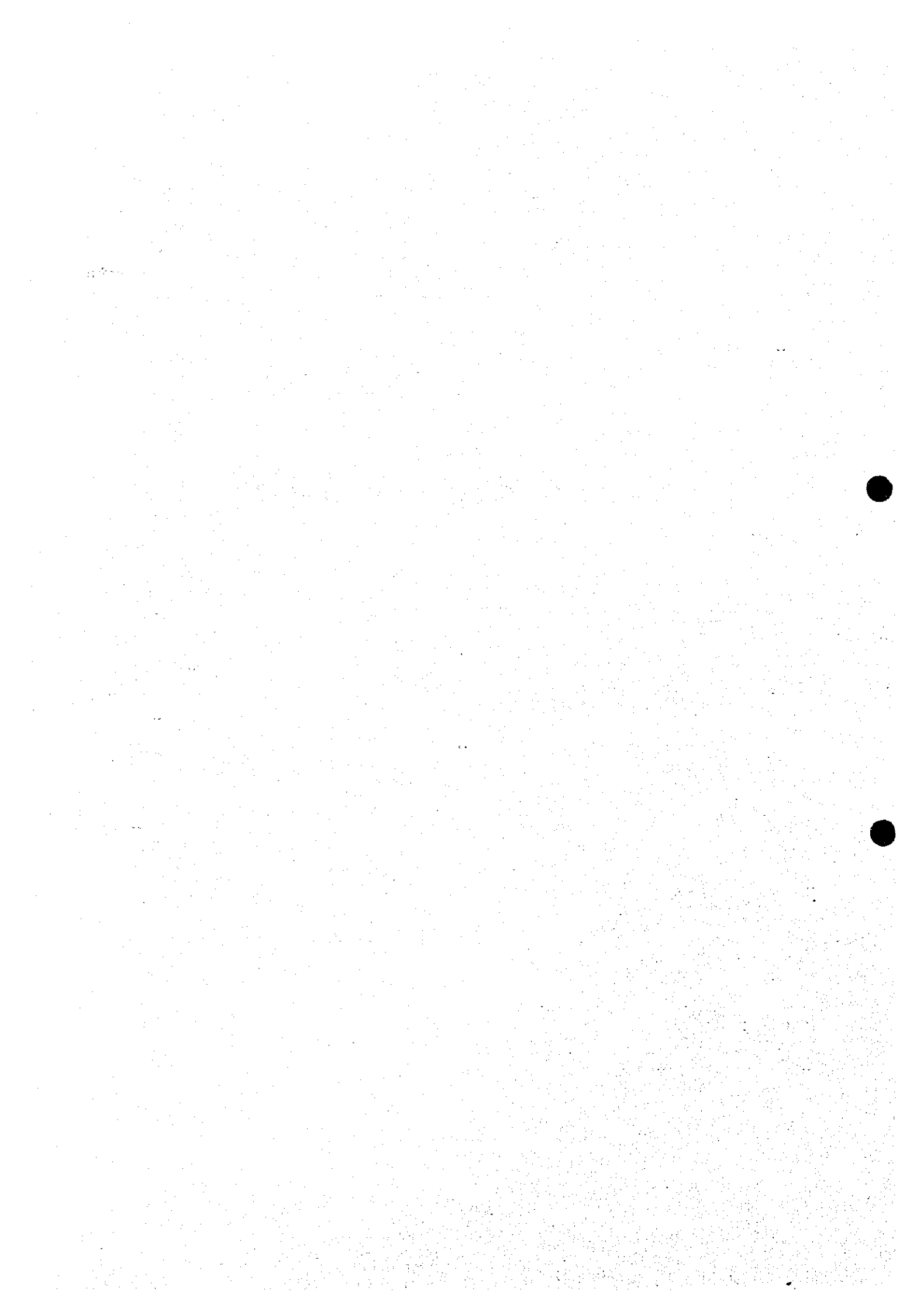


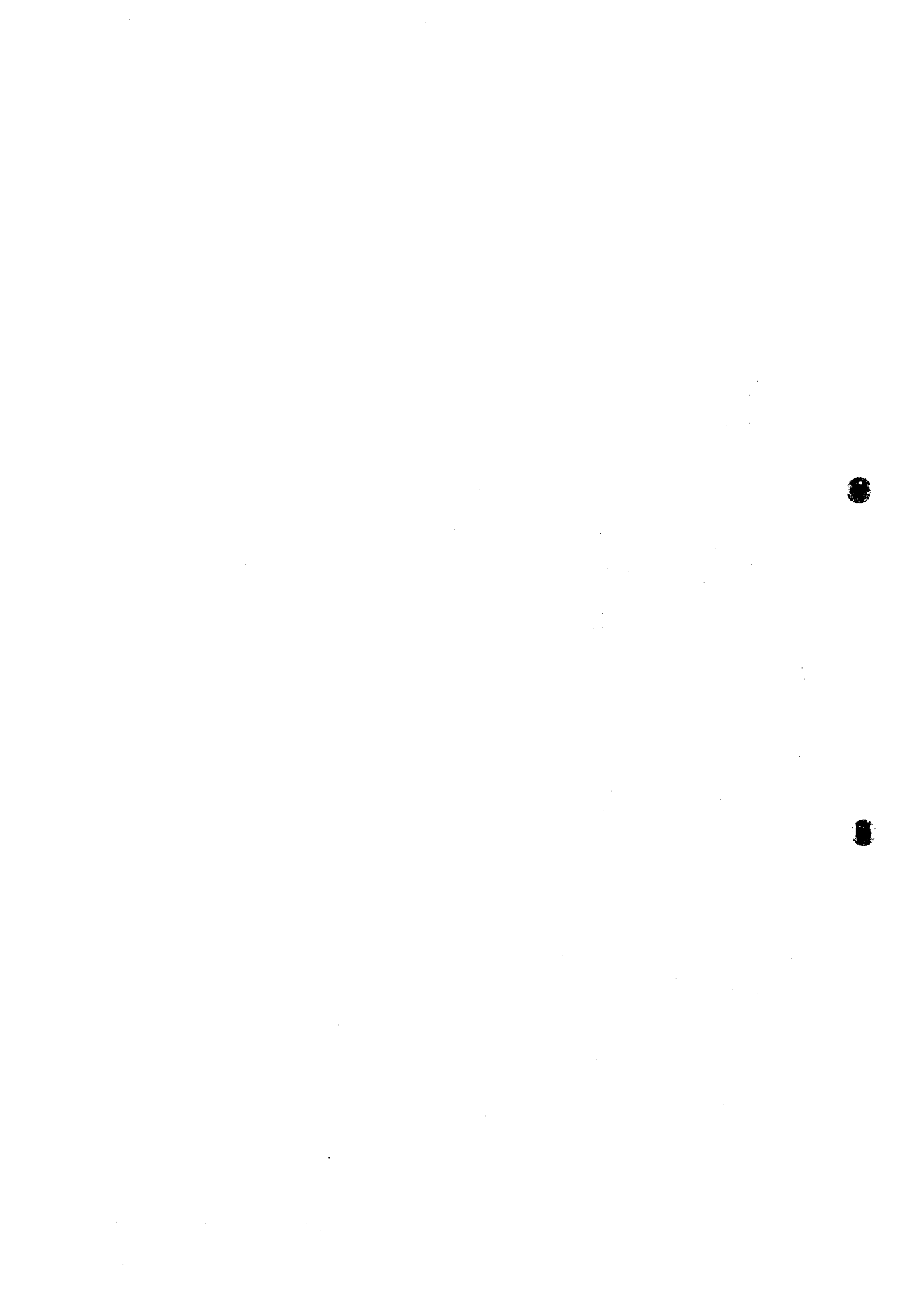
TABLE OF CONTENTS

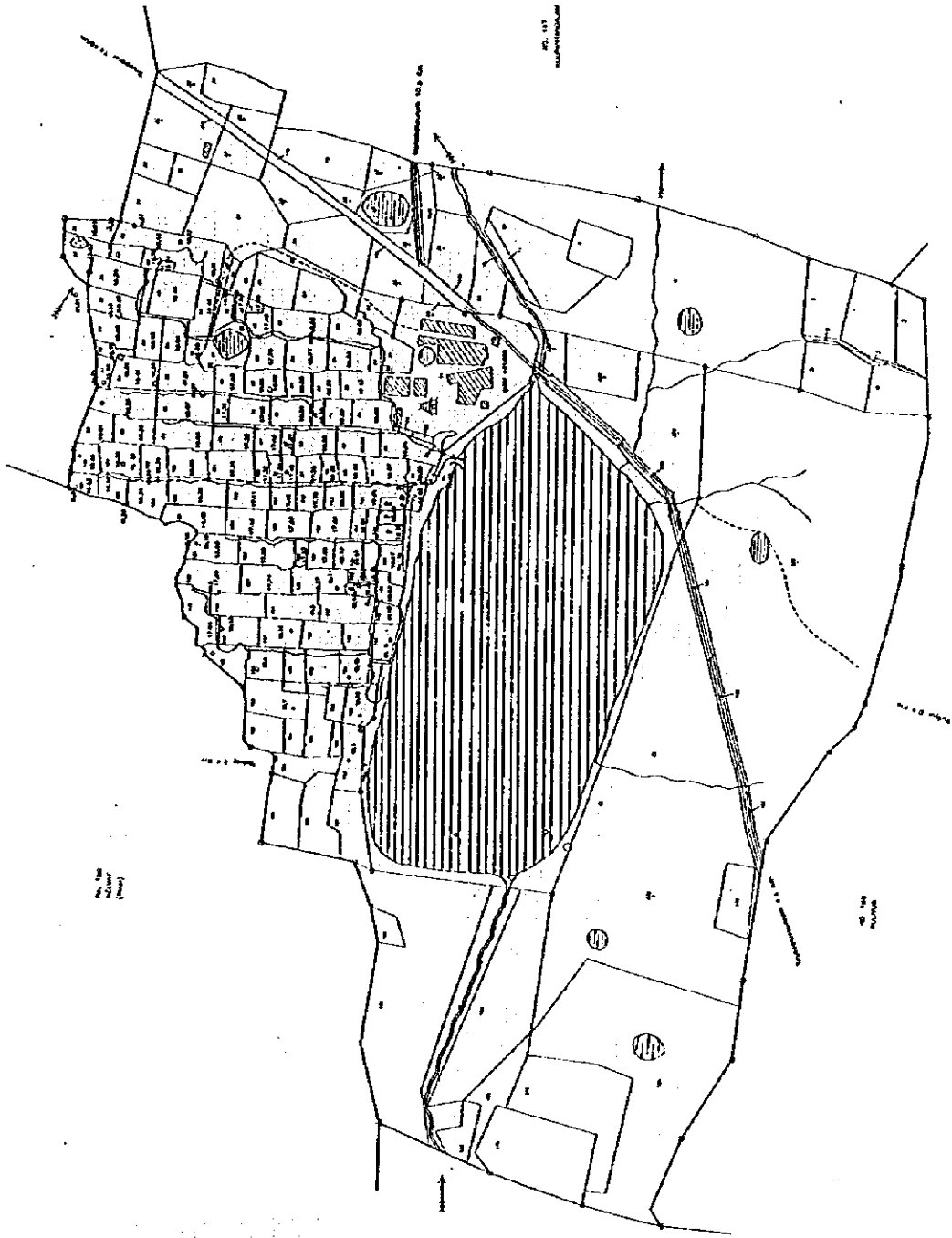
Southern Study Area

Name of Tank and Drawings	No. of Drawing	No. of Sheets
6. Siruvalai Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	6-1 6-2 6-3 6-4 6-5 6-6	1 1 1 11 6 11
7. Kurumbi Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	7-1 7-2 7-3 7-4 7-5 7-6	1 1 1 4 3 6
8. A. Ramalingapuram Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	8-1 8-2 8-3 8-4 8-5 8-6	1 1 1 7 4 9
9. Sengangulam Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	9-1 9-2 9-3 9-4 9-5 9-6	2 1 1 11 9 23
10. Pandikannmoi Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	10-1 10-2 10-3 10-4 10-5 10-6	1 1 1 9 3 8

Northern Study Area

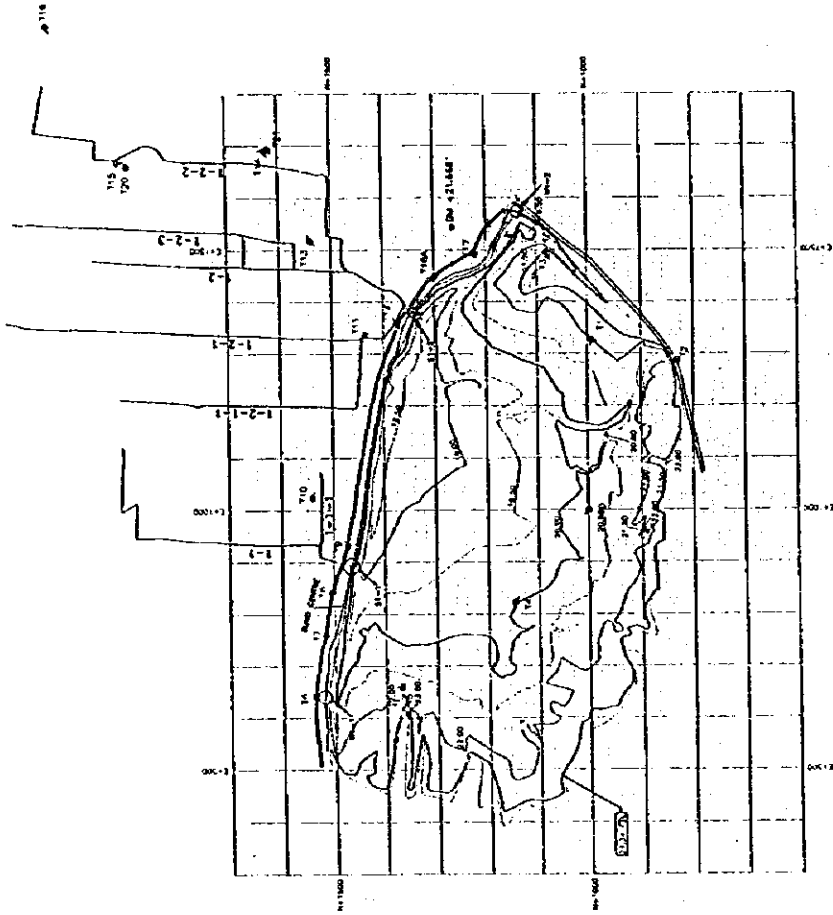
Name of Tank and Drawings	No. of Drawing	No. of Sheets
1. Echar Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	1-1 1-2 1-3 1-4 1-5 1-6	1 1 1 8 2 7
2. Cherukkanur Big Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	2-1 2-2 2-3 2-4 2-5 2-6	1 1 1 5 6 20
3. Polambakkam Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	3-1 3-2 3-3 3-4 3-5 3-6	1 1 1 8 5 8
4. Enadur Big Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	4-1 4-2 4-3 4-4 4-5 4-6	3 2 1 8 12 18
5. Vadakkupattu Tank Spot Elevations in Ayacut Canal Alignment and Contour in Water Spread Area Profile of Tank Bund Cross-section of Tank Bund Profile of Irrigation Canal Cross-section of Irrigation Canal	5-1 5-2 5-3 5-4 5-5 5-6	4 2 1 5 8 51





JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
Echur Tank, Chingleput Taluk Village Map and Command Area	
Scale	1:5000
Sheet No.	1-1 (VI)
Project No.	
Contract No.	

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU



LIST OF SUNLEY POINTS

NO.	EASTING	NORTHING	HEIGHT	REMARKS
1	100000	100000	1000	TRIP
2	100000	100000	1000	TRIP
3	100000	100000	1000	TRIP
4	100000	100000	1000	TRIP
5	100000	100000	1000	TRIP
6	100000	100000	1000	TRIP
7	100000	100000	1000	TRIP
8	100000	100000	1000	TRIP
9	100000	100000	1000	TRIP
10	100000	100000	1000	TRIP
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89	100000	100000	1000	TRIP
90	100000	100000	1000	TRIP
91	100000	100000	1000	TRIP
92	100000	100000	1000	TRIP
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100	100000	100000	1000	TRIP



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Project Title: **Canur Tank, Chingleput Taluk, Water Spread and Channel Details**

Scale: 1:10,000

Date: _____

Drawn by: _____

Checked by: _____

Approved by: _____

NO. 10000
Cross Section



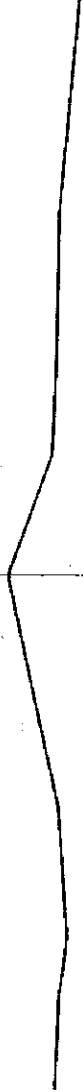
— 1:1 —
— 1:1 —
— 1:1 —

NO. 10000
Cross Section



— 1:1 —
— 1:1 —
— 1:1 —

NO. 10000
Cross Section



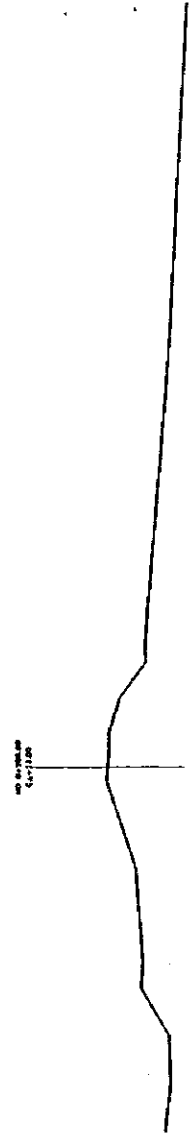
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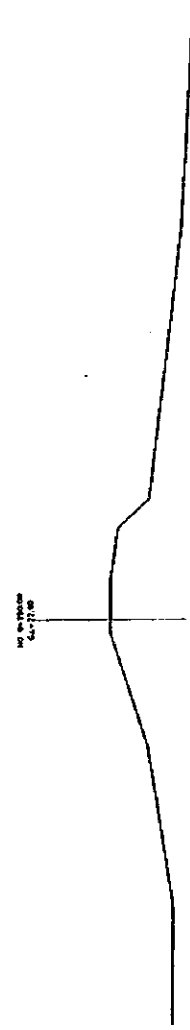
JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Echur Tank, Chengalpattu Taluk Cross Sections of Bund	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Title of Report	Scale : 1 : 100
		Drawn by	Checked by
		Drawn No. : 100	Checked No. : 100
		Drawn Date : 10/10/77	Checked Date : 10/10/77



20.00m
10.00m



20.00m
10.00m



20.00m
10.00m



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing Echur Tank, Chingleput Taluk Cross Sections of Bund	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Scale : 1 : 100	Drawing No. : 1-4 (Sheet 2/4)
		Drawn by : S.P. Srinivasan	Approved by : S.P. Srinivasan

NO. 6-10000
6.10000



6.10000
6.10000

6.10000

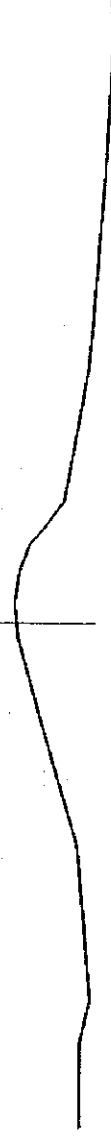
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NO. 6-10000
6.10000



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6.10000



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing: Echur Tank, Chengalpettal Taluk Cross Sections of Bund	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Scale: 1 : 100	Drawing No: JICA-2/68
		Sheet No: 1 of 2 (Sheet 2/68)	Project No: 10000000000000000000

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JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Echar Tank, chingjeppel Taluk Cross Sections of Bund	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Scale : 1 : 100	Drawing No : 1-4 (Sheet 4/8)
		Checked by :	Approved by :

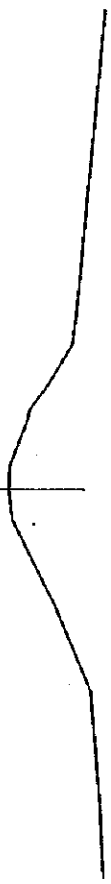
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C. 107/118



NO. 10000
C. 107/118

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C. 107/118

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C. 107/118



NO. 10000
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C. 107/118

NO. 10000
C. 107/118



NO. 10000
C. 107/118

NO. 10000
C. 107/118

JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Echur Tank, chinglepet Taluk Cross Sections of Bund	
Title or Name No. of sheets Drawn by Checked by Date	Scale : 1 : 100	Drawing no. : 107/118	Date : 1-4-68 (Sheet 8/10) Approved by :
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU			

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Elevation



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JAPAN INTERNATIONAL COOPERATION AGENCY
JICA

NAME OF DRAWING :
Echar Tank, Chinglepet Taluk
Cross Sections of Bund

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Scale : 1 : 100
Drawing No. : J-4 (Sheet 6/9)
Checked by :
Approved by :

NO. 100000
S.A. 71.11



NO. 100000
S.A. 71.11

NO. 100000
S.A. 71.11

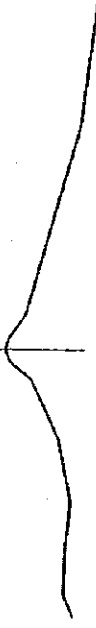
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S.A. 71.11



NO. 100000
S.A. 71.11

NO. 100000
S.A. 71.11



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing Echur Tank, chinglepet Taluk Cross Sections of Bund	
Scale 1 : 1000		Drawing No. : 11-4 (Sheet 7/10)	
NO. 100000 S.A. 71.11		NO. 100000 S.A. 71.11	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		APPROVED BY : _____	

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Elevation

NO. 10000
Elevation

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Elevation

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Elevation

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Elevation

NO. 10000
Elevation

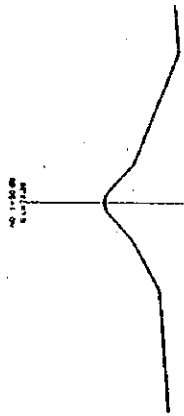
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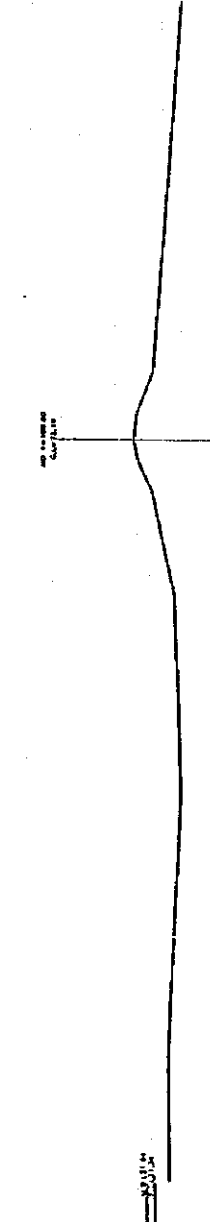
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Elevation

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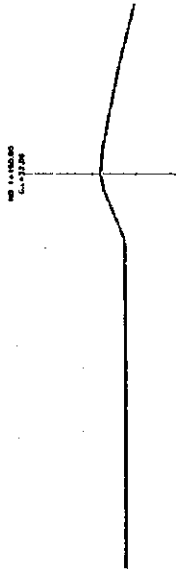
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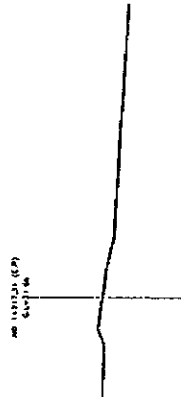
NO. 10000
Elevation



NO. 10000
Elevation



NO. 10000
Elevation



JAPAN INTERNATIONAL COOPERATION AGENCY
JICA

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TANH MAU

Title of Drawing: **Lehur Tank, Chingjebet Teluk
Cross Sections of Bund**

Scale: 1 : 100

Drawing No.: 10-4 (Sheet 8/8)

Checked by: [Signature]

Approved by: [Signature]

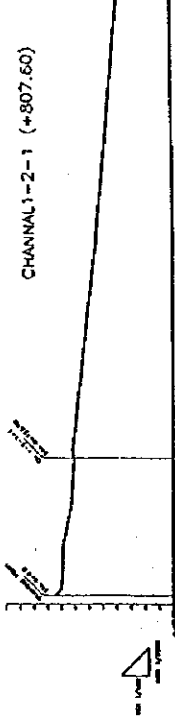


CHANNEL 1-1-1 (+144.60)

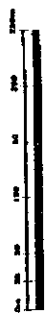


Channel bed	144.60
Channel bank (left)	144.60
Channel bank (right)	144.60
Top of embankment (left)	144.60
Top of embankment (right)	144.60
Water level	144.60
Water depth	144.60
Channel width	144.60
Channel length	144.60

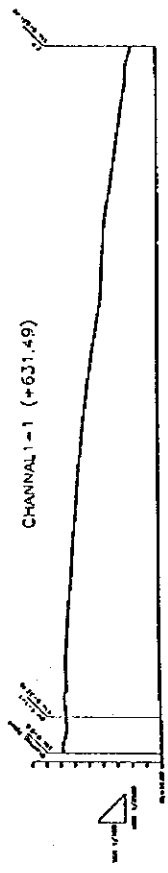
CHANNEL 1-2-1 (+807.60)



Channel bed	807.60
Channel bank (left)	807.60
Channel bank (right)	807.60
Top of embankment (left)	807.60
Top of embankment (right)	807.60
Water level	807.60
Water depth	807.60
Channel width	807.60
Channel length	807.60

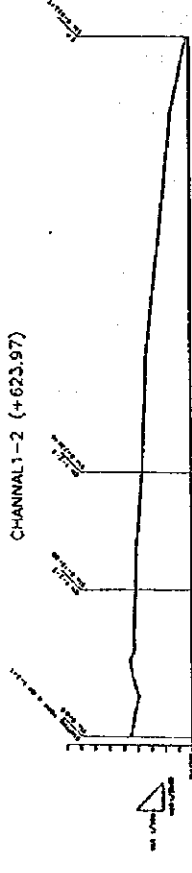


CHANNEL 1-1 (+631.49)



Channel bed	631.49
Channel bank (left)	631.49
Channel bank (right)	631.49
Top of embankment (left)	631.49
Top of embankment (right)	631.49
Water level	631.49
Water depth	631.49
Channel width	631.49
Channel length	631.49

CHANNEL 1-2 (+623.97)



Channel bed	623.97
Channel bank (left)	623.97
Channel bank (right)	623.97
Top of embankment (left)	623.97
Top of embankment (right)	623.97
Water level	623.97
Water depth	623.97
Channel width	623.97
Channel length	623.97

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

ETCHUR Tank - Chuzupel, Tabuk

Longitudinal Section of Irrigation Channel

Scale: 1:5 (plan) 1:20 (profile)

Drawn by: []

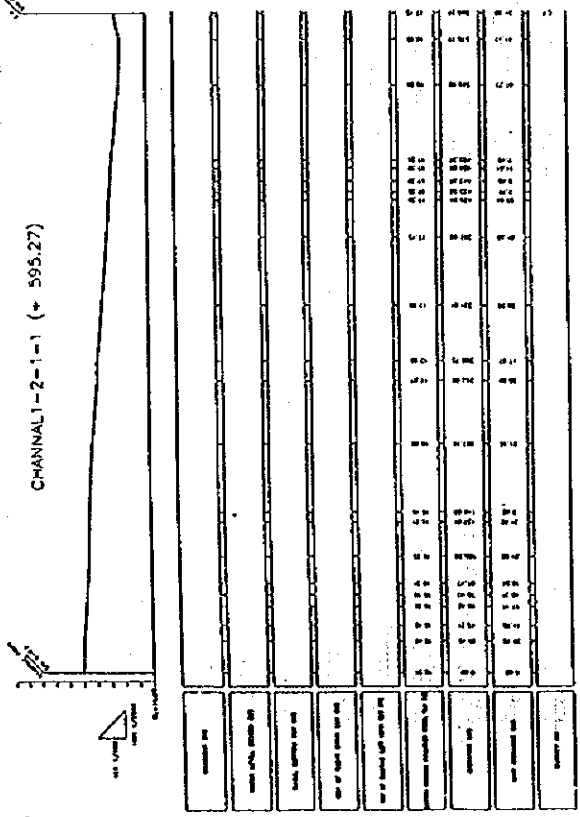
Checked by: []

Approved by: []

STUDY FOR THE REHABILITATION OF MINOR IRRIGATION CANALS IN THE RURAL DEVELOPMENT IN TABUK, SAUDI ARABIA

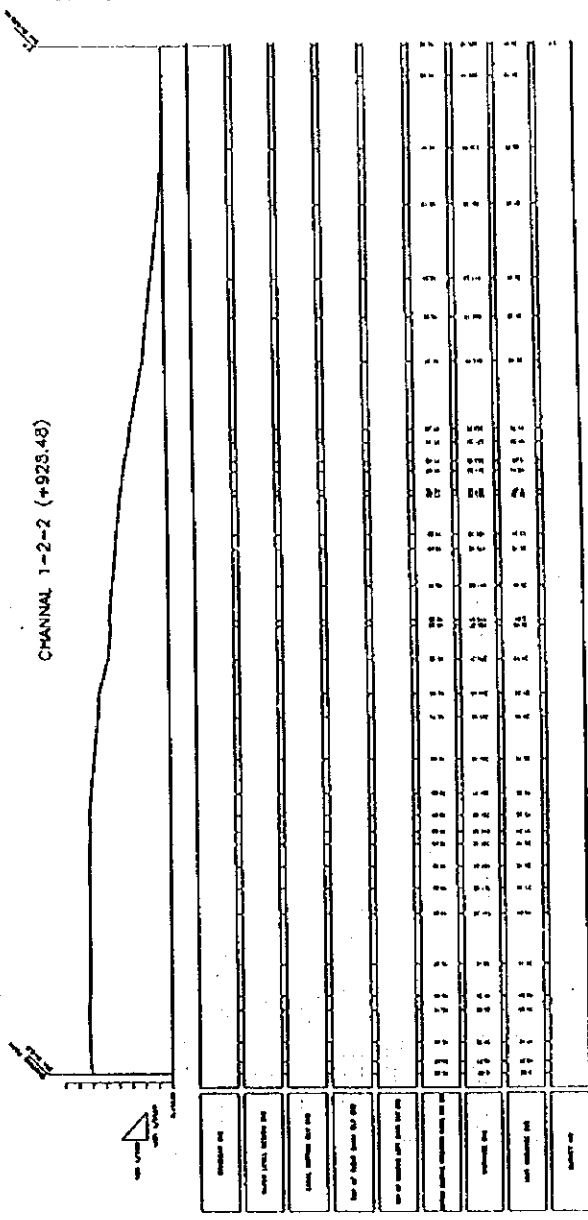


CHANNEL 1-2-1-1 (+ 595.27)



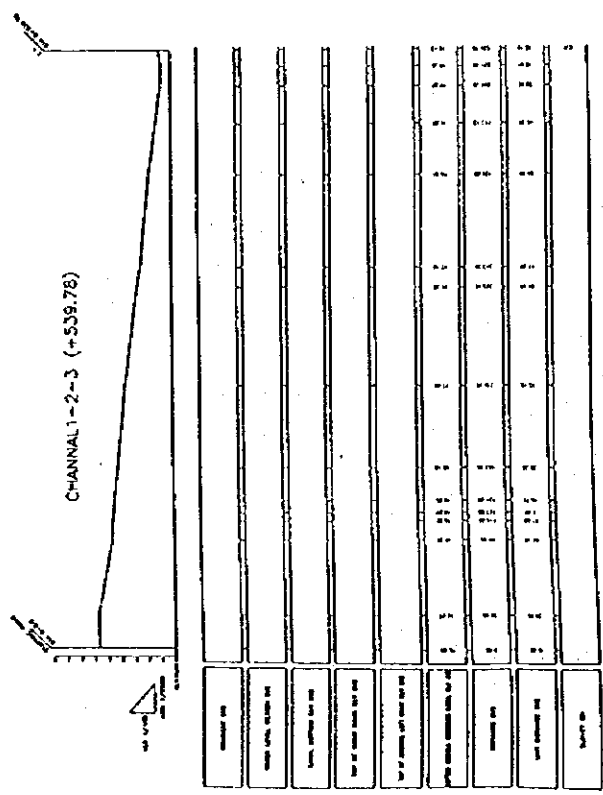
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Water Level (m)	595.27
Channel Bed (m)	593.27
Channel Depth (m)	2.00
Channel Width (m)	1.00
Channel Slope (1:V)	1:1
Channel Material	Earth
Channel Length (m)	100
Channel Area (m ²)	1.00
Channel Volume (m ³)	100.00
Channel Capacity (m ³ /s)	1.00
Channel Status	Under Construction

CHANNEL 1-2-2 (+ 928.48)



Channel No.	1-2-2
Water Level (m)	928.48
Channel Bed (m)	926.48
Channel Depth (m)	2.00
Channel Width (m)	1.00
Channel Slope (1:V)	1:1
Channel Material	Earth
Channel Length (m)	100
Channel Area (m ²)	1.00
Channel Volume (m ³)	100.00
Channel Capacity (m ³ /s)	1.00
Channel Status	Under Construction

CHANNEL 1-2-3 (+ 539.78)



Channel No.	1-2-3
Water Level (m)	539.78
Channel Bed (m)	537.78
Channel Depth (m)	2.00
Channel Width (m)	1.00
Channel Slope (1:V)	1:1
Channel Material	Earth
Channel Length (m)	100
Channel Area (m ²)	1.00
Channel Volume (m ³)	100.00
Channel Capacity (m ³ /s)	1.00
Channel Status	Under Construction

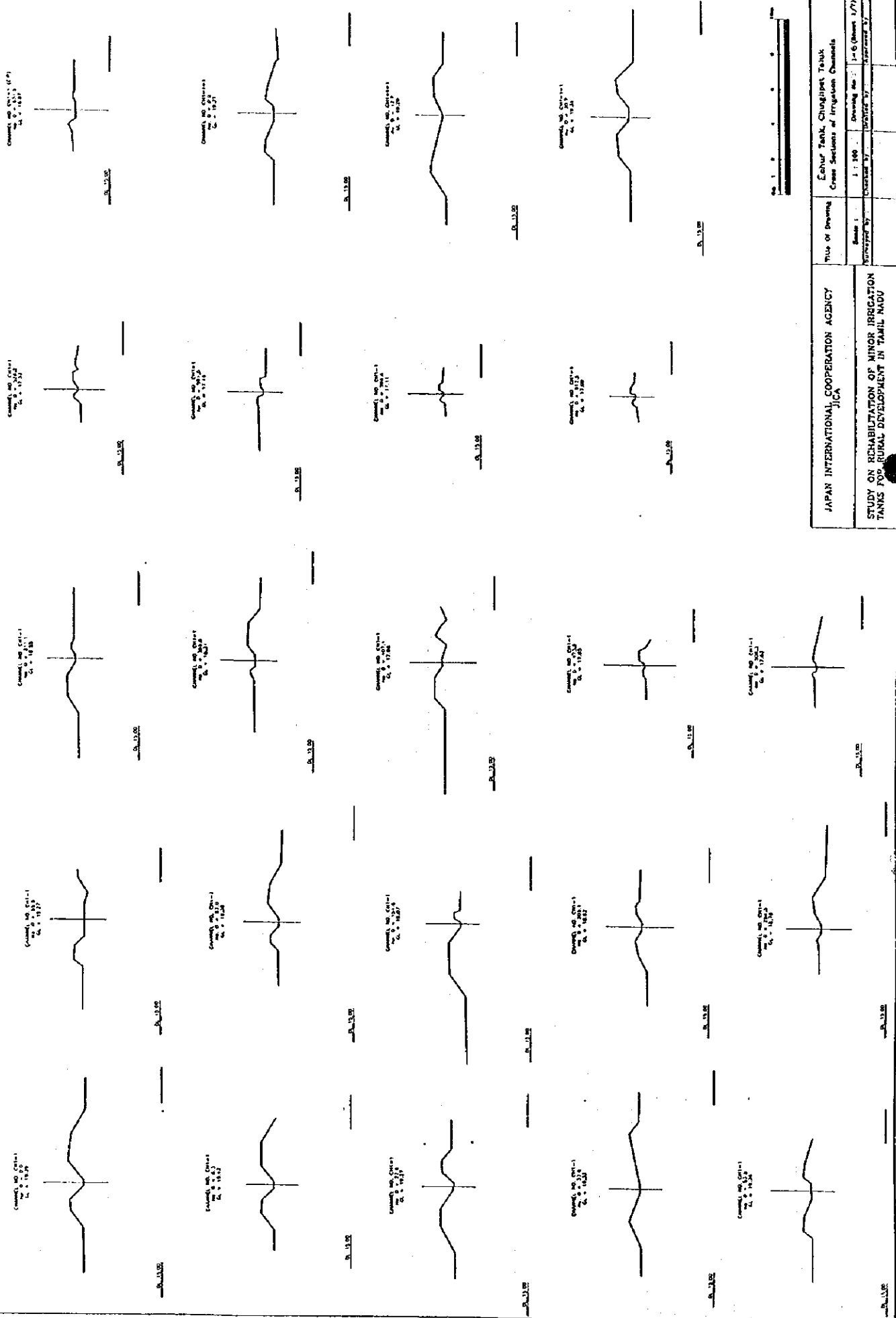


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

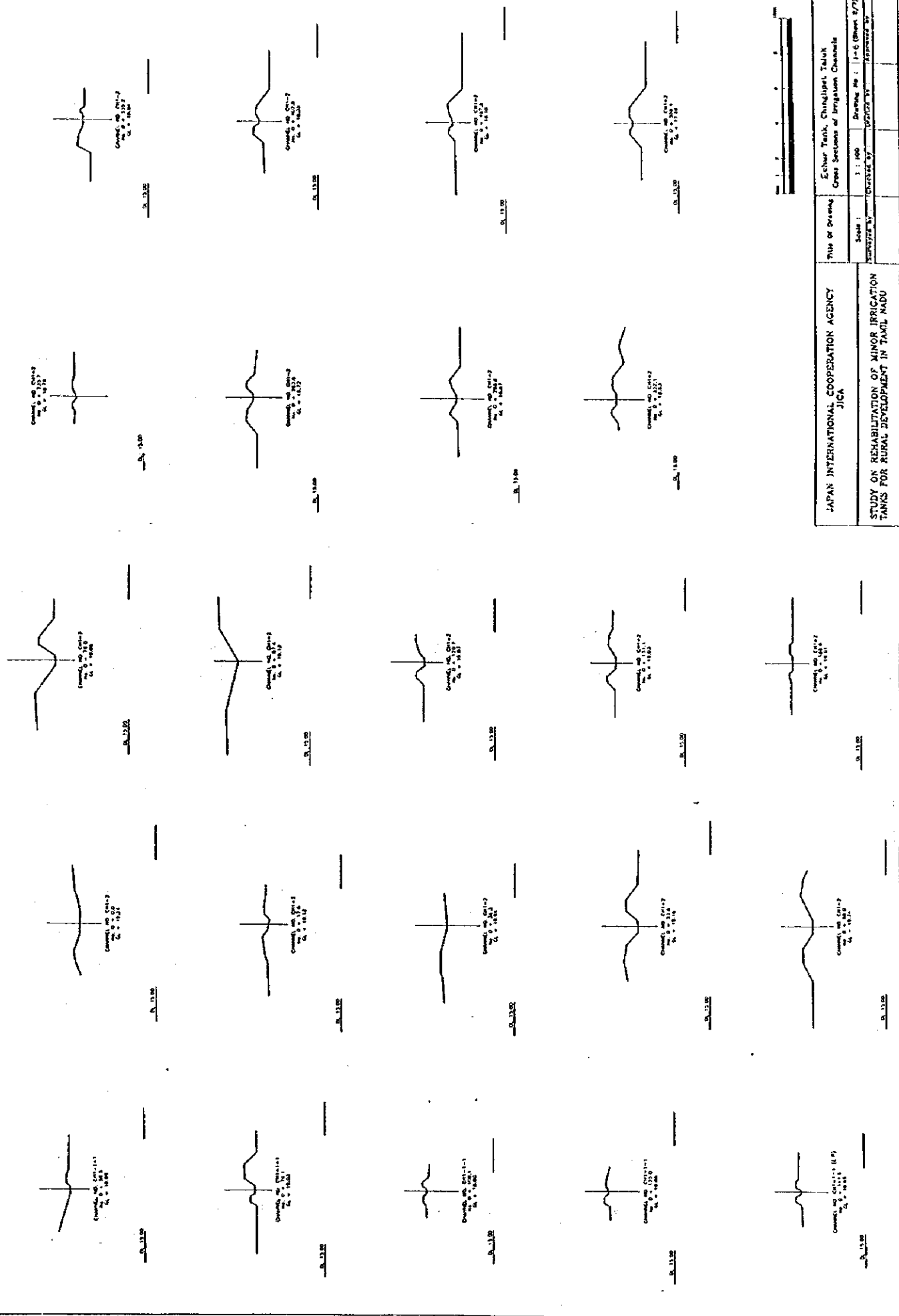
Echur Tank, Chinglepet Taluk
Longitudinal Section of Irrigation Channel

Scale: 1:1000
Date: 1/1988
Drawing No.: [Blank]
Project No.: [Blank]

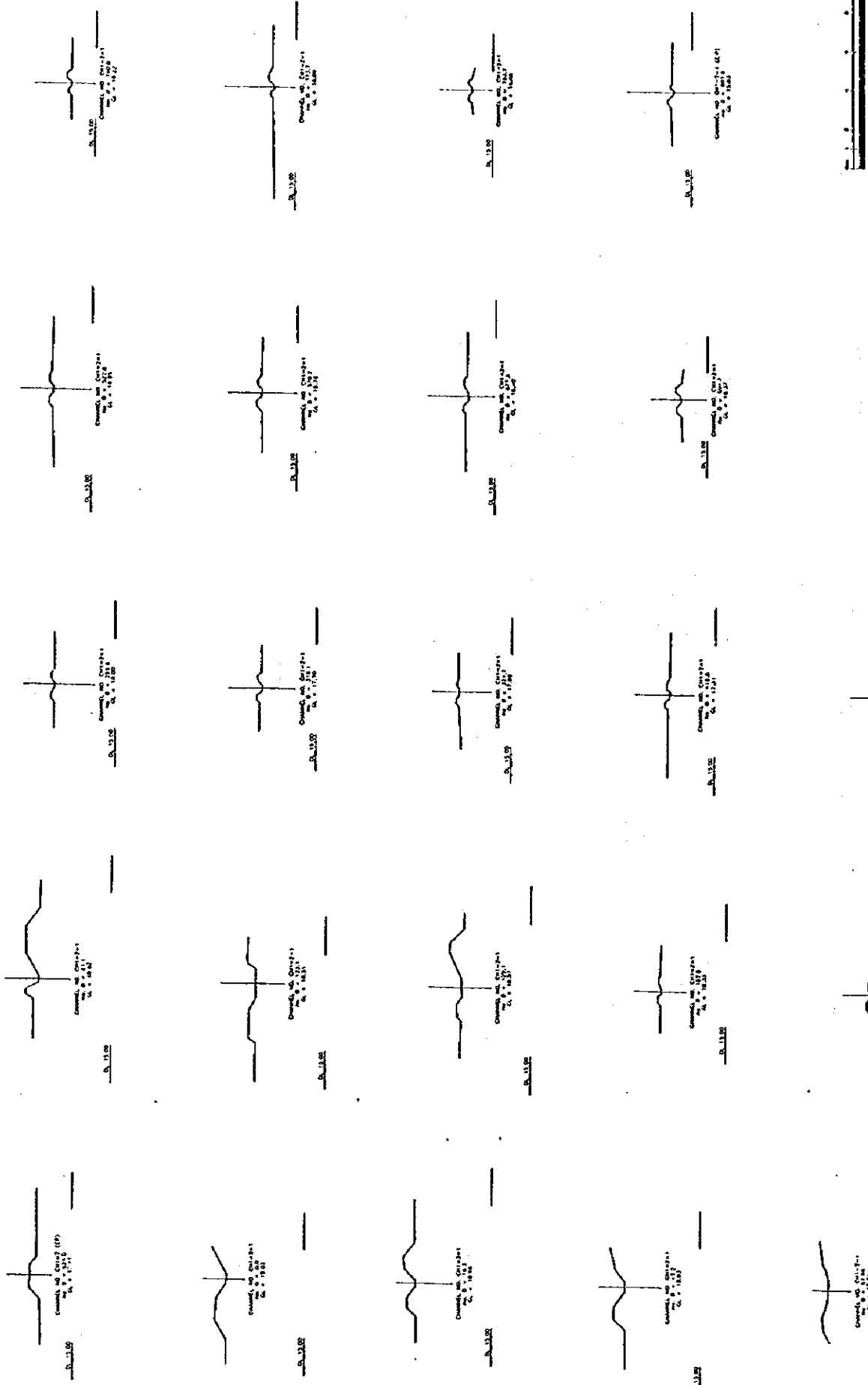
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU



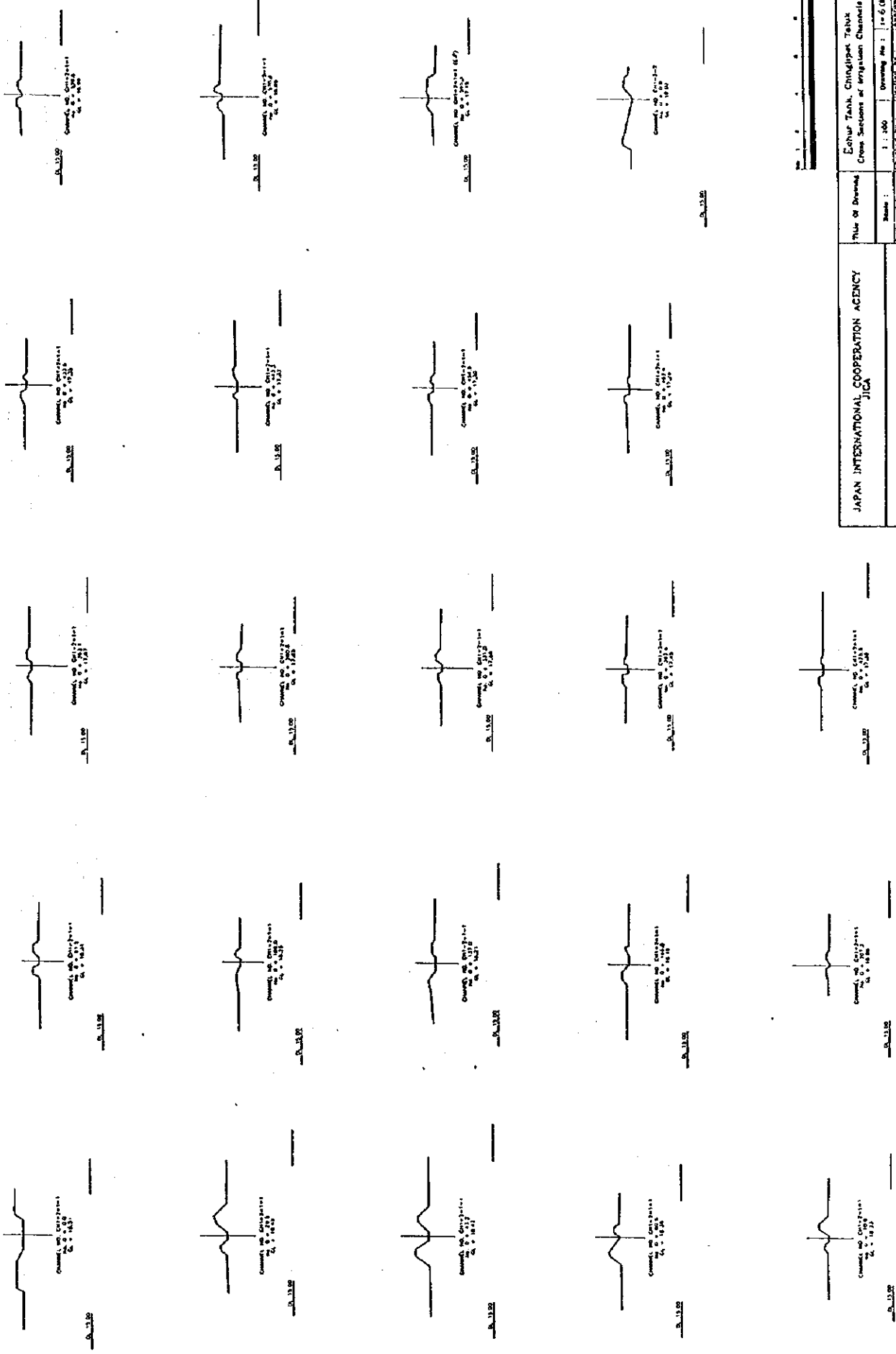
JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Echur Tank, Chungpet Taluk Cross Sections of Irrigation Channels	
Title of Drawing		Scale: 1 : 100	
Drawing No.		Sheet No. 1 of 6 (Sheet 1/7)	
Drawing Date		Drawing Date	
Drawing Location		Drawing Location	



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Project Echur Tank, Chinnipet Tank Cross Sections of Irrigation Channels
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Scale : 1 : 100 Drawing No : 1-6 (Sheet 9/7) PROJECT NO : 107001/87



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Echur Tank, Chingthai Taluk Cross Sections of Irrigation Channels
Title of Drawing	Scale : 1 : 100	Drawing No. : 1-6 (Sheet 3/7)
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		DRAWN BY : [Signature] CHECKED BY : [Signature]



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing Echur Tank, Chindipet Taluk Cross Sections of Irrigation Channels
Scale : 1 : 500 Drawing No. : 106 (Sheet 9/77)	Prepared by : [Name] Checked by : [Name]	Date : [Date] Drawn by : [Name]
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		



B-11-1B



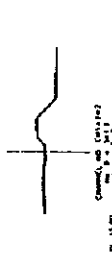
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B-11-3B



B-11-4B



B-11-5B



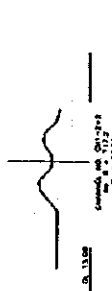
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B-11-7B



B-11-8B



B-11-9B



B-11-10B



B-11-11B



B-11-12B



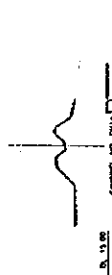
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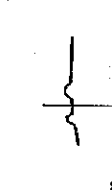
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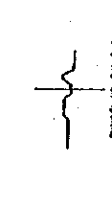
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B-11-16B



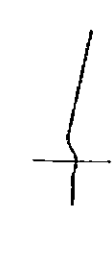
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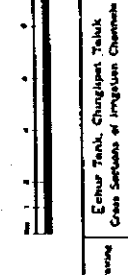
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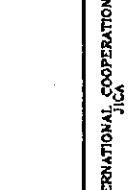
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B-11-20B



B-11-21B



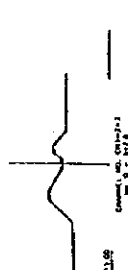
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B-11-23B



B-11-24B

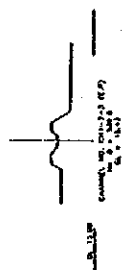
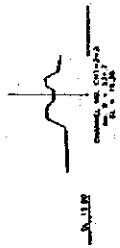
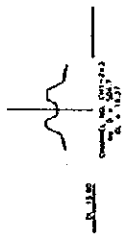


B-11-25B



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of drawing Echur Tank, Chingupet Taluk Cross Sections of Irrigation Channels	
Scale : 1 : 100		Drawing No : 11-6 (Sheet 4/7)	
Date : 11/27		Checked by : [Signature]	
Project No : 11-6		Approved by : [Signature]	

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

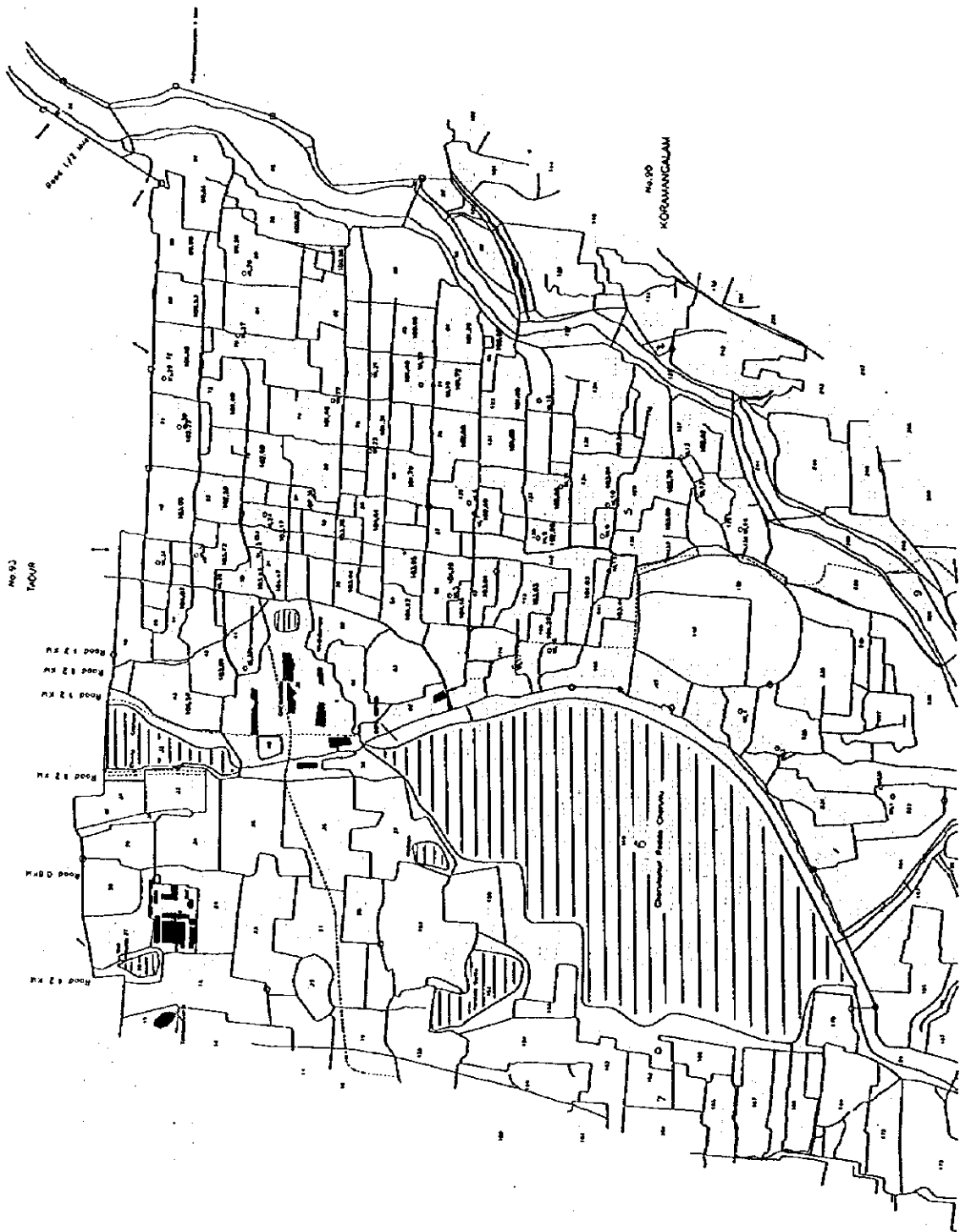


JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing: Echur Tank, Chudupet Taluk Cross Sections of Irrigation Channels
Scale: 1 : 100	Drawing No: J-5 (Sheet 7/7)	Checked by: [Signature]
Drawn by: [Signature]	Approved by: [Signature]	

STUDY ON REHABILITATION OF MINOR IRRIGATION
 TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU



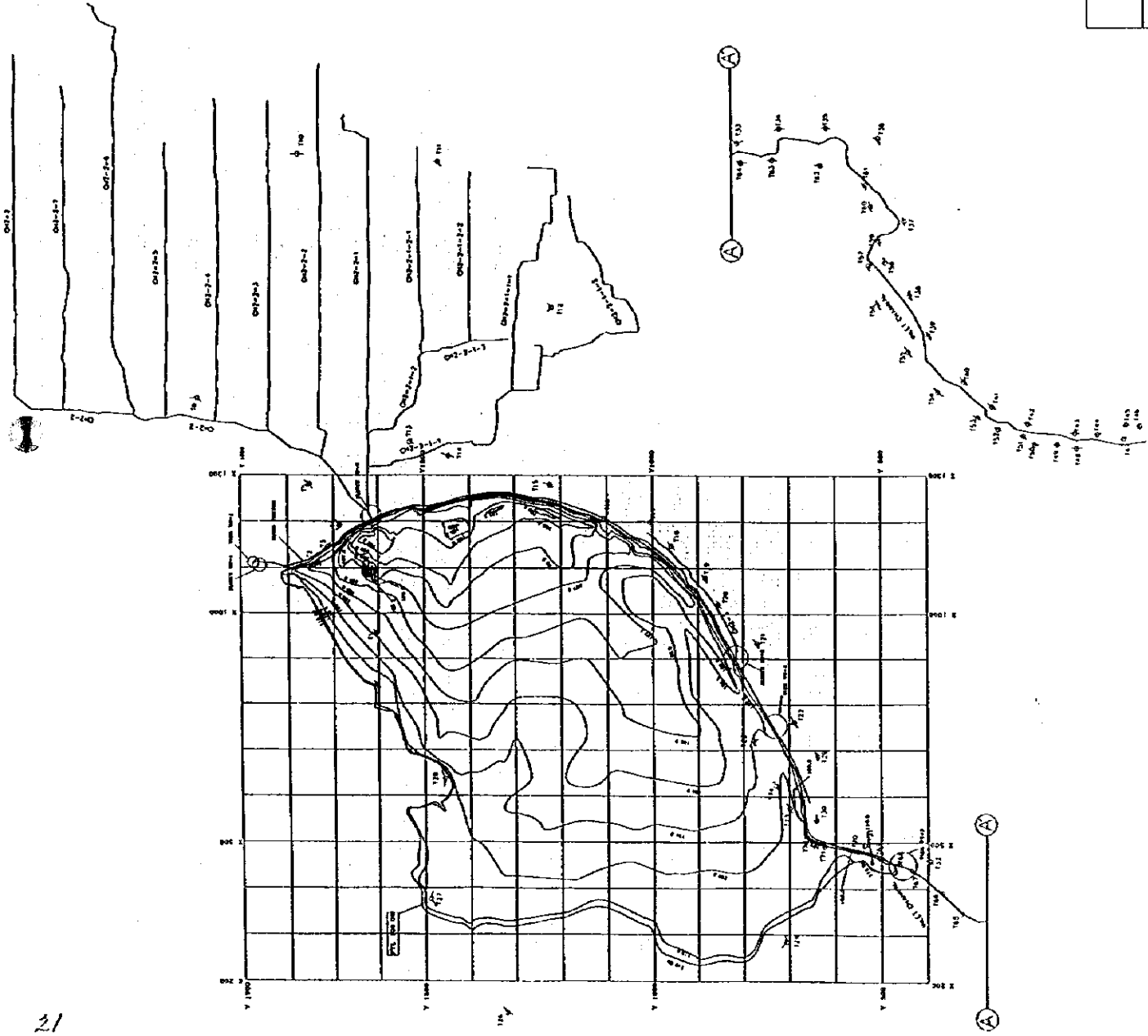
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Cheruvu Panna, Tirukkani Taluk Village Map and Command Area	
Title or Drawing	1:5000
Sheet No.	2-1(1)
Scale	1:5000
Drawn by	
Checked by	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU	



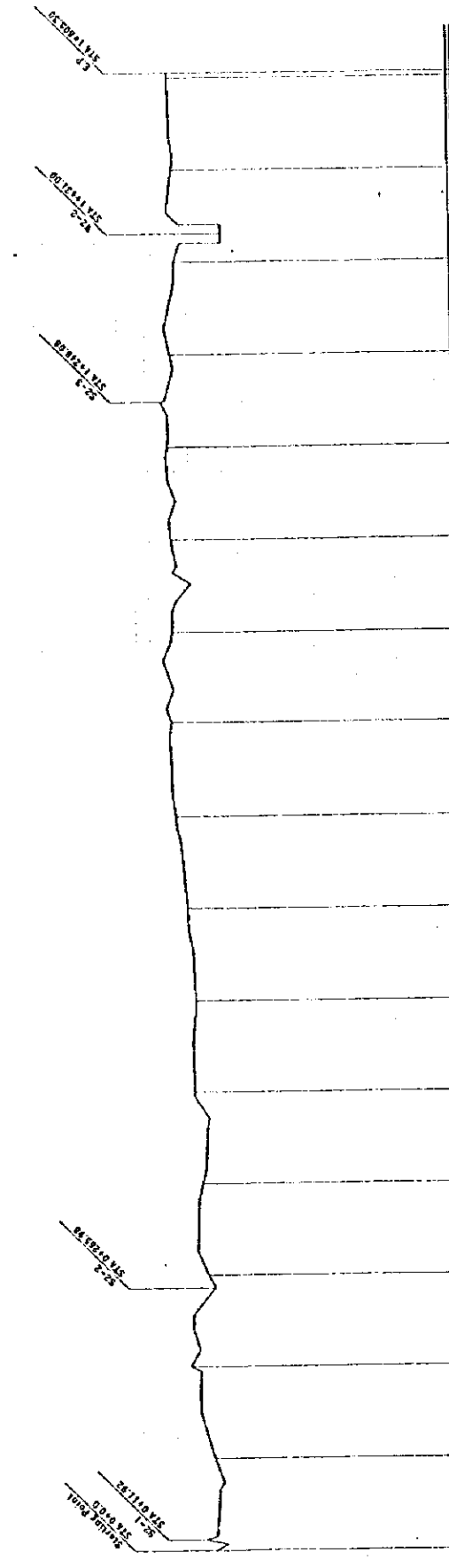
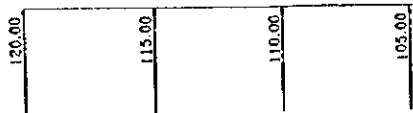
Station No.	Elevation (ft.)	Remarks
1174	1129.5	WATER POINT
1175	1130.5	"
1176	1131.5	"
1177	1132.5	"
1178	1133.5	"
1179	1134.5	"
1180	1135.5	"
1181	1136.5	"
1182	1137.5	"
1183	1138.5	"
1184	1139.5	"
1185	1140.5	"
1186	1141.5	"
1187	1142.5	"
1188	1143.5	"
1189	1144.5	"
1190	1145.5	"
1191	1146.5	"
1192	1147.5	"
1193	1148.5	"
1194	1149.5	"
1195	1150.5	"
1196	1151.5	"
1197	1152.5	"
1198	1153.5	"
1199	1154.5	"
1200	1155.5	"
1201	1156.5	"
1202	1157.5	"
1203	1158.5	"
1204	1159.5	"
1205	1160.5	"
1206	1161.5	"
1207	1162.5	"
1208	1163.5	"
1209	1164.5	"
1210	1165.5	"
1211	1166.5	"
1212	1167.5	"
1213	1168.5	"
1214	1169.5	"
1215	1170.5	"
1216	1171.5	"
1217	1172.5	"
1218	1173.5	"
1219	1174.5	"
1220	1175.5	"
1221	1176.5	"
1222	1177.5	"
1223	1178.5	"
1224	1179.5	"
1225	1180.5	"
1226	1181.5	"
1227	1182.5	"
1228	1183.5	"
1229	1184.5	"
1230	1185.5	"
1231	1186.5	"
1232	1187.5	"
1233	1188.5	"
1234	1189.5	"
1235	1190.5	"
1236	1191.5	"
1237	1192.5	"
1238	1193.5	"
1239	1194.5	"
1240	1195.5	"
1241	1196.5	"
1242	1197.5	"
1243	1198.5	"
1244	1199.5	"
1245	1200.5	"
1246	1201.5	"
1247	1202.5	"
1248	1203.5	"
1249	1204.5	"
1250	1205.5	"
1251	1206.5	"
1252	1207.5	"
1253	1208.5	"
1254	1209.5	"
1255	1210.5	"
1256	1211.5	"
1257	1212.5	"
1258	1213.5	"
1259	1214.5	"
1260	1215.5	"
1261	1216.5	"
1262	1217.5	"
1263	1218.5	"
1264	1219.5	"
1265	1220.5	"
1266	1221.5	"
1267	1222.5	"
1268	1223.5	"
1269	1224.5	"
1270	1225.5	"
1271	1226.5	"
1272	1227.5	"
1273	1228.5	"
1274	1229.5	"
1275	1230.5	"
1276	1231.5	"
1277	1232.5	"
1278	1233.5	"
1279	1234.5	"
1280	1235.5	"
1281	1236.5	"
1282	1237.5	"
1283	1238.5	"
1284	1239.5	"
1285	1240.5	"
1286	1241.5	"
1287	1242.5	"
1288	1243.5	"
1289	1244.5	"
1290	1245.5	"
1291	1246.5	"
1292	1247.5	"
1293	1248.5	"
1294	1249.5	"
1295	1250.5	"
1296	1251.5	"
1297	1252.5	"
1298	1253.5	"
1299	1254.5	"
1300	1255.5	"



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Client: Cherukhanur Tank, Tiruttani Taluk
Plan of Water Spread Details
Drawing No: 2-2(1/1)
Scale: _____
Sheet No: _____



Station	Top Band Level	Retriment	Top Band Level	Retriment	Accumulate Distance	Distance
100	111.50	111.50	111.50	111.50	0.00	0.00
110	111.50	111.50	111.50	111.50	10.00	10.00
120	111.50	111.50	111.50	111.50	20.00	20.00
130	111.50	111.50	111.50	111.50	30.00	30.00
140	111.50	111.50	111.50	111.50	40.00	40.00
150	111.50	111.50	111.50	111.50	50.00	50.00
160	111.50	111.50	111.50	111.50	60.00	60.00
170	111.50	111.50	111.50	111.50	70.00	70.00
180	111.50	111.50	111.50	111.50	80.00	80.00
190	111.50	111.50	111.50	111.50	90.00	90.00
200	111.50	111.50	111.50	111.50	100.00	100.00
210	111.50	111.50	111.50	111.50	110.00	110.00
220	111.50	111.50	111.50	111.50	120.00	120.00
230	111.50	111.50	111.50	111.50	130.00	130.00
240	111.50	111.50	111.50	111.50	140.00	140.00
250	111.50	111.50	111.50	111.50	150.00	150.00
260	111.50	111.50	111.50	111.50	160.00	160.00
270	111.50	111.50	111.50	111.50	170.00	170.00
280	111.50	111.50	111.50	111.50	180.00	180.00
290	111.50	111.50	111.50	111.50	190.00	190.00
300	111.50	111.50	111.50	111.50	200.00	200.00
310	111.50	111.50	111.50	111.50	210.00	210.00
320	111.50	111.50	111.50	111.50	220.00	220.00
330	111.50	111.50	111.50	111.50	230.00	230.00
340	111.50	111.50	111.50	111.50	240.00	240.00
350	111.50	111.50	111.50	111.50	250.00	250.00
360	111.50	111.50	111.50	111.50	260.00	260.00
370	111.50	111.50	111.50	111.50	270.00	270.00
380	111.50	111.50	111.50	111.50	280.00	280.00
390	111.50	111.50	111.50	111.50	290.00	290.00
400	111.50	111.50	111.50	111.50	300.00	300.00

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

STUDY ON RECONSTRUCTION OF SHANK ROAD IN TAMBORA

Characteristics Table
 Length of Road: 300
 No. of Lanes: 2
 No. of Bridges: 0
 No. of Tunnels: 0

DL = 100.00

Top Band Level

Retriment

Top Band Level

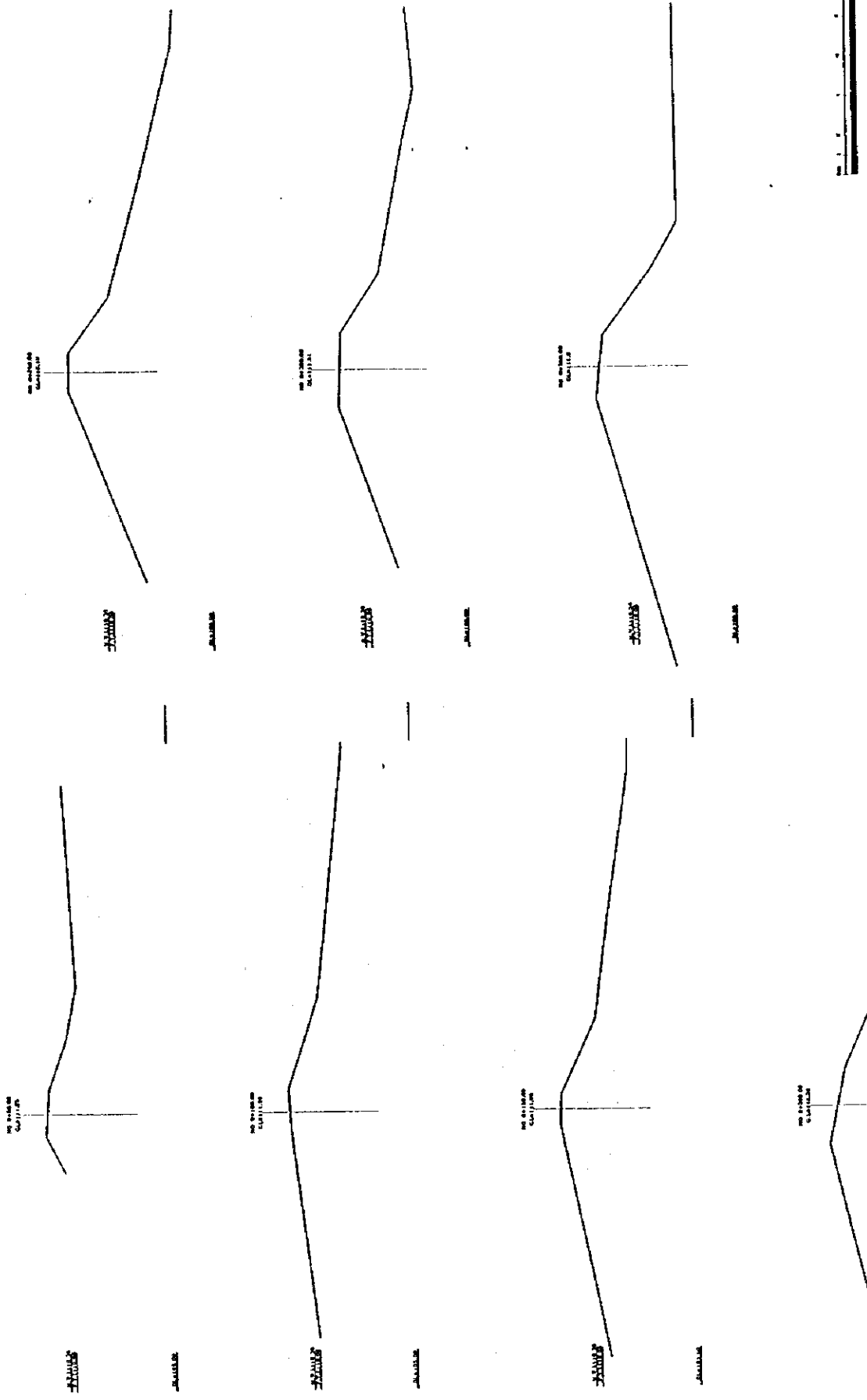
Retriment

Accumulate Distance

Distance

Station

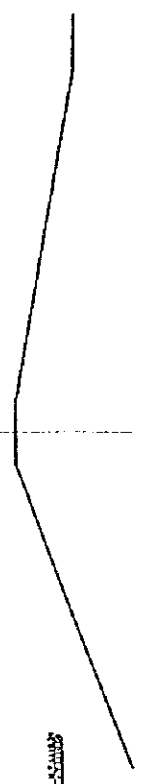
CURVE



Title of drawing Chekkilamur Big Tank, Thiruvananthapuram Cross Section of Bed		Scale : 1 : 100	Drawing No. : 24175
Date of issue 1957		Checked by [Signature]	Approved by [Signature]
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)			
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU			

சென்னை

மேல்நிலை



சென்னை

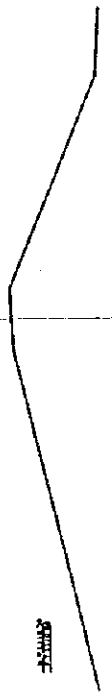
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மேல்நிலை



சென்னை

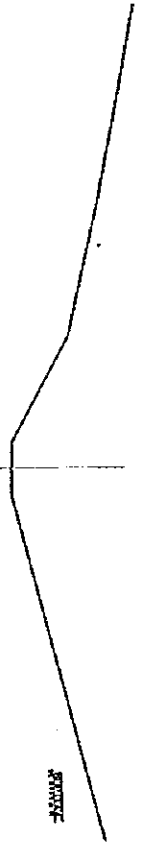
மேல்நிலை



சென்னை

சென்னை

மேல்நிலை



சென்னை

மேல்நிலை



சென்னை

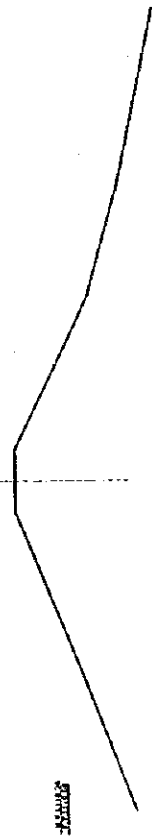
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மேல்நிலை



சென்னை

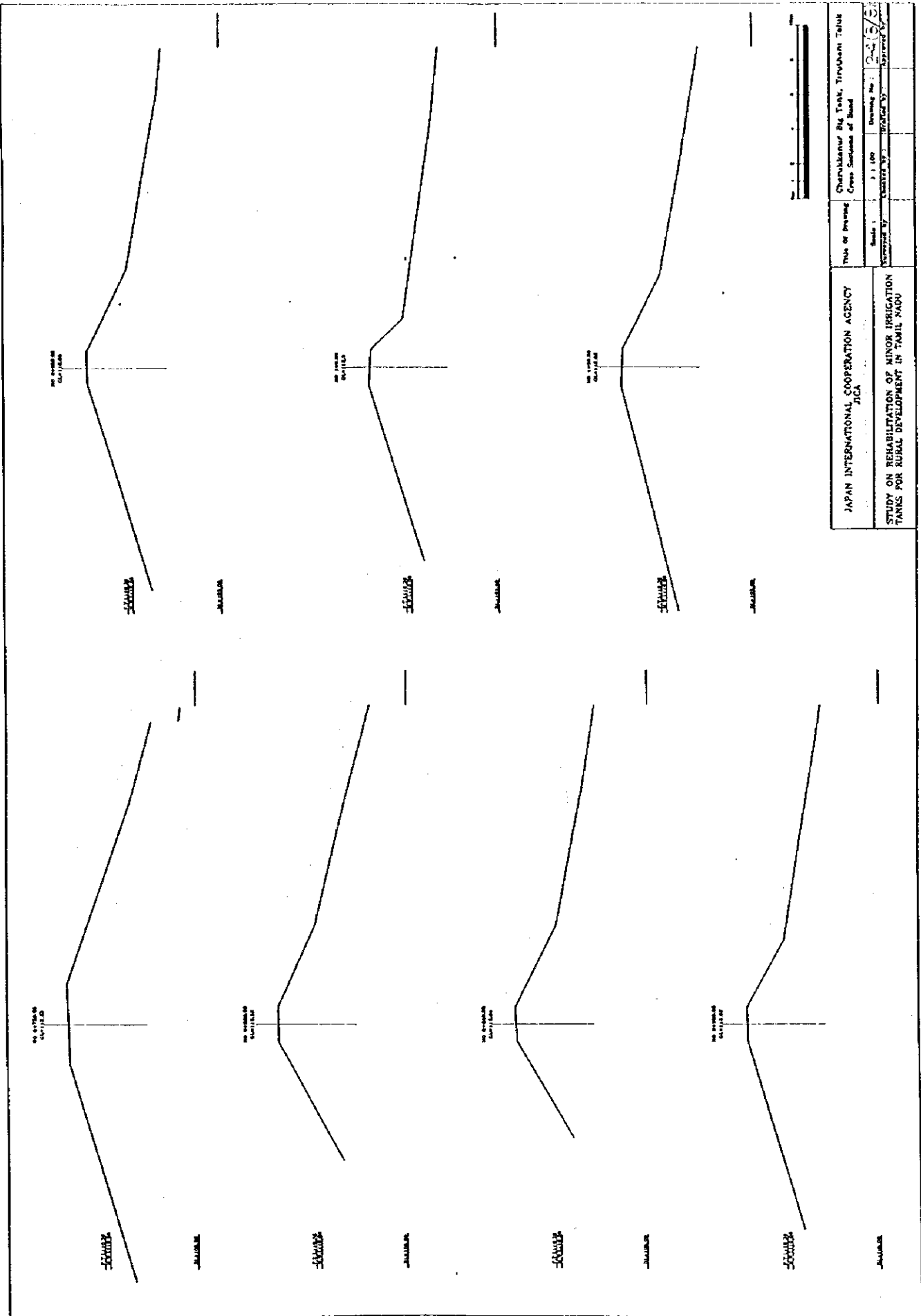
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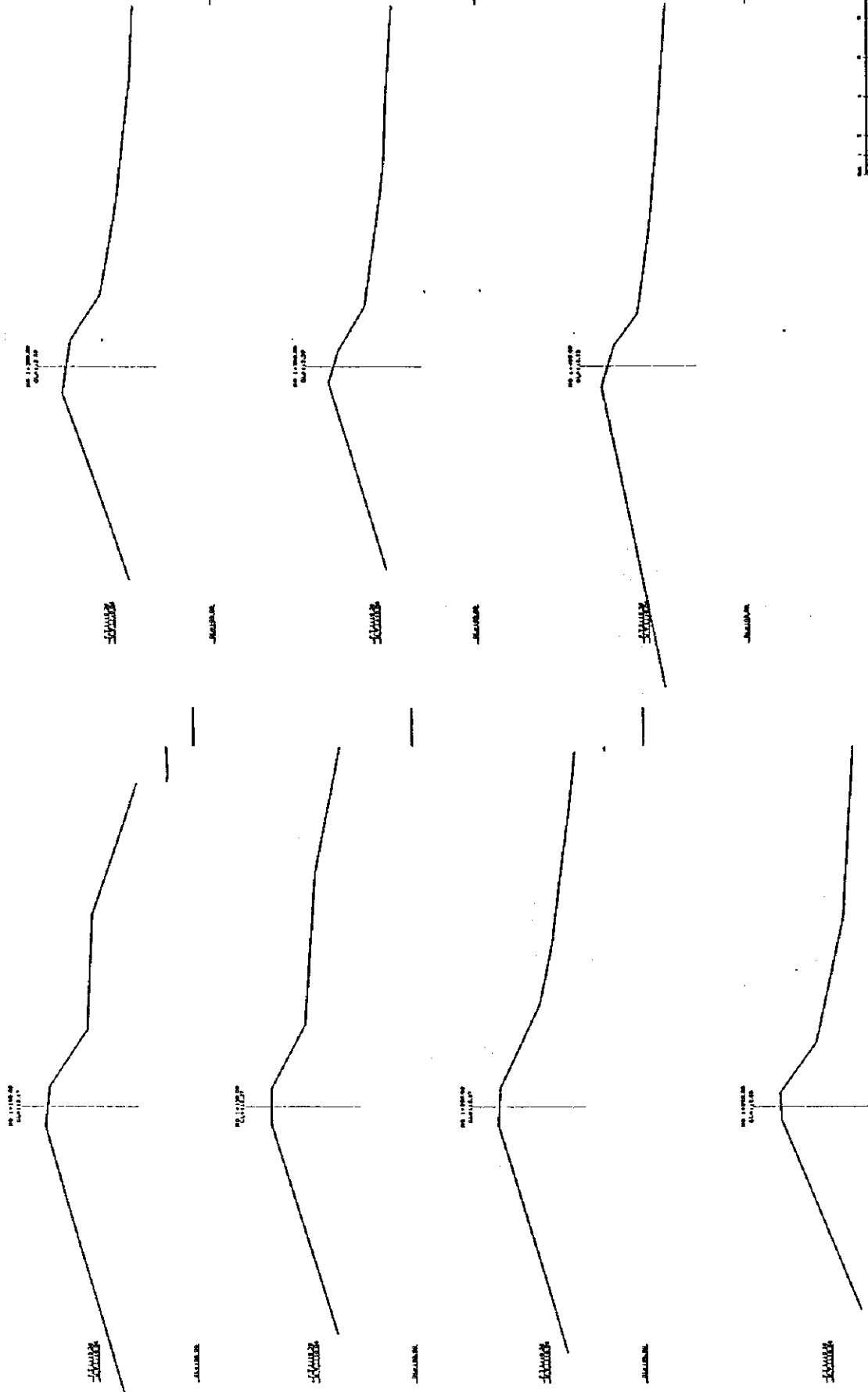
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JAPAN INTERNATIONAL COOPERATION AGENCY Japan		Title of Scheme STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU	Characterized By Checked By Approved By	Characterized No. Checked No. Approved No.	Checked on Approved on
JAPAN INTERNATIONAL COOPERATION AGENCY Japan		Title of Scheme STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU	Characterized By Checked By Approved By	Characterized No. Checked No. Approved No.	Checked on Approved on



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Charulinar Big Tank, Tiruvannamalai Cross Sections of Tank	
Title or Project		Date: 21/08/2018	
Drawn by:		Checked by:	
Approved by:		Approved by:	



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Cherukunur Big Tank, Tiruchanur Cross Section of Tank	
Title of Drawing:		Date: 12/10/74	
Drawn by:		Checked by:	
Scale: 1:100		Drawing No: 10-2-4	

NO. 100000
GATEWAY

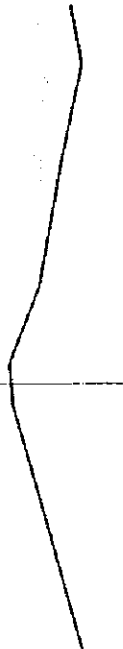
100000

100000



NO. 100000
GATEWAY

100000



100000

NO. 100000
GATEWAY

100000



100000

NO. 100000
GATEWAY

100000

100000



NO. 100000 (L.P.)
GATEWAY

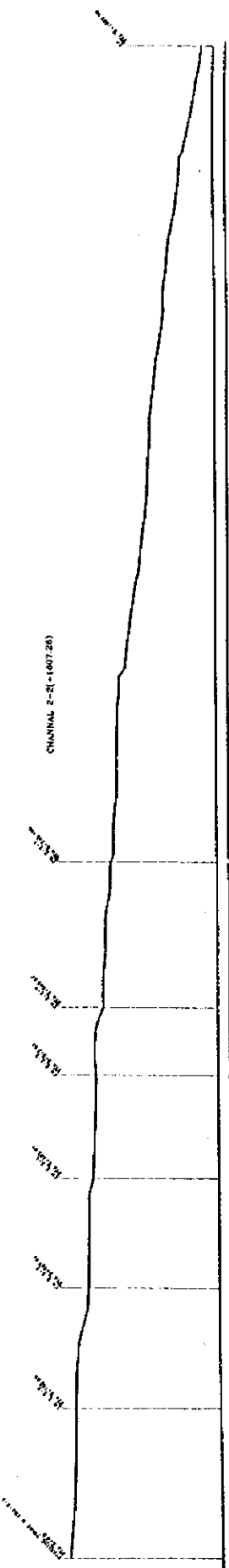
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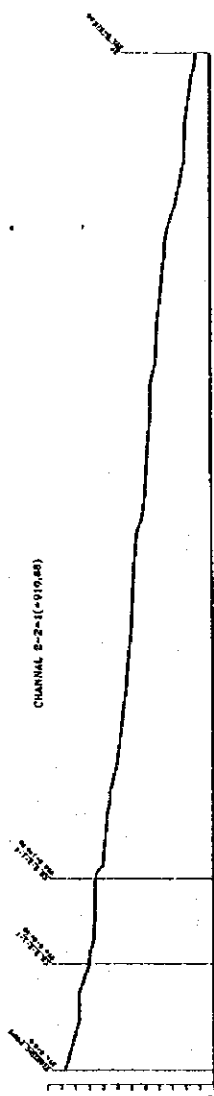
JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Cheruvallur Big Tank, Tiruvannamalai Crisis Sections of Tamil Nadu	
Title of Project		Drawing No. : 2	
Scale : 1 : 100		Drawing Date : 1974	
Prepared by : [Name]		Checked by : [Name]	
Approved by : [Name]		[Signature]	

CHANNEL 2-2-1 (107.20)



Channel ID	CHANNEL 2-2-1 (107.20)										
Channel Length (m)	0	2	4	6	8	10	12	14	16	18	20
Channel Width (m)	0	10	10	10	10	10	10	10	10	10	10
Channel Depth (m)	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Channel Slope (1:100)	0	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Channel Material	Concrete										
Channel Construction Date	1980										
Channel Maintenance Date	1985										
Channel Status	Operational										
Channel Location	Rural Area										
Channel Owner	Local Government										

CHANNEL 2-2-1 (109.40)



Channel ID	CHANNEL 2-2-1 (109.40)										
Channel Length (m)	0	2	4	6	8	10	12	14	16	18	20
Channel Width (m)	0	10	10	10	10	10	10	10	10	10	10
Channel Depth (m)	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Channel Slope (1:100)	0	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Channel Material	Concrete										
Channel Construction Date	1980										
Channel Maintenance Date	1985										
Channel Status	Operational										
Channel Location	Rural Area										
Channel Owner	Local Government										



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REHABILITATION OF RURAL IRRIGATION SYSTEM FOR RURAL DEVELOPMENT IN TAMIL NADU

Chemurur Tank, Tructhun Taluk, Longunmal Section of Irrigation Channel

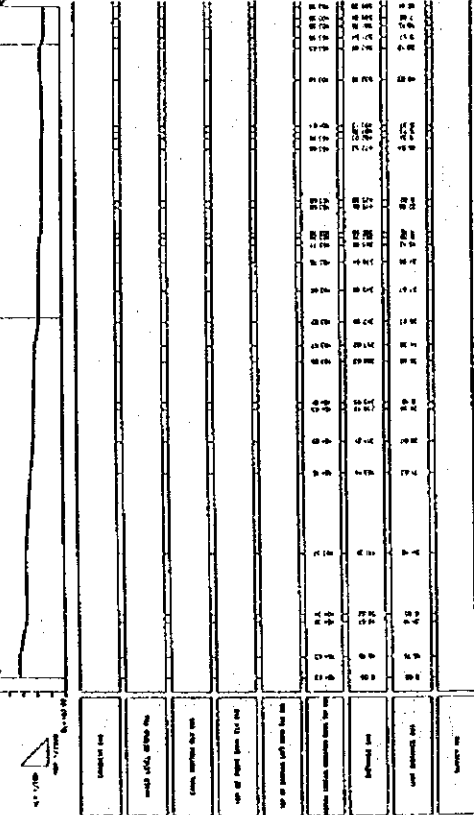
Scale: 1:1000

Date: 1985

Drawn by: [Signature]

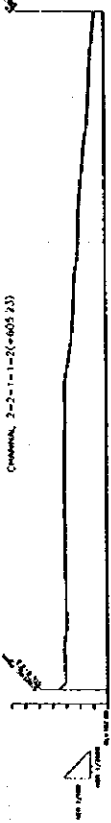
Checked by: [Signature]

CHANNEL 7-2-1-1(+298.76)



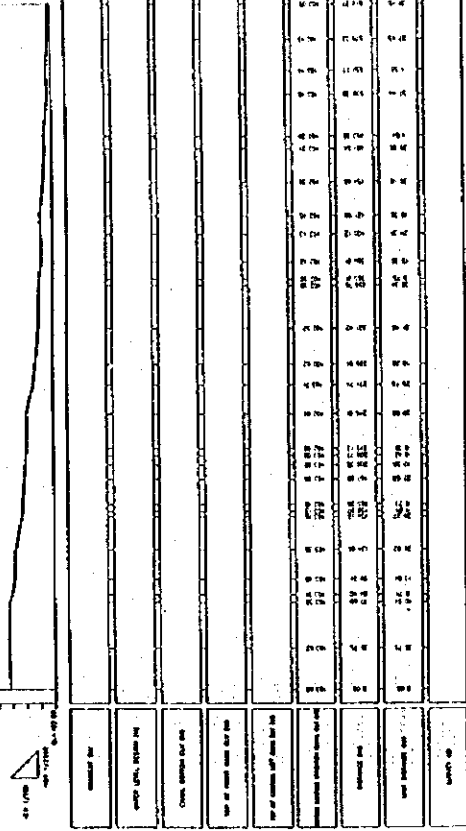
Channel No.	7-2-1-1
Water Level, Normal Ht.	298.76
Channel Bottom Ht.	298.76
Top of Right Bank Ht.	300.00
Top of Left Bank Ht.	300.00
Right Bank Slope	1:1
Left Bank Slope	1:1
Channel Width at Top	8.0
Channel Width at Bottom	4.0
Channel Depth	2.0
Channel Area	12.0
Channel Perimeter	18.0
Channel Velocity	1.0
Channel Discharge	12.0
Channel Capacity	12.0
Channel Efficiency	0.8
Channel Losses	0.2
Channel Remarks	
Channel Date	

CHANNEL 7-2-1-1(+265.23)



Channel No.	7-2-1-1
Water Level, Normal Ht.	265.23
Channel Bottom Ht.	265.23
Top of Right Bank Ht.	268.00
Top of Left Bank Ht.	268.00
Right Bank Slope	1:1
Left Bank Slope	1:1
Channel Width at Top	8.0
Channel Width at Bottom	4.0
Channel Depth	2.0
Channel Area	12.0
Channel Perimeter	18.0
Channel Velocity	1.0
Channel Discharge	12.0
Channel Capacity	12.0
Channel Efficiency	0.8
Channel Losses	0.2
Channel Remarks	
Channel Date	

CHANNEL 7-2-1-1(+410.37)



Channel No.	7-2-1-1
Water Level, Normal Ht.	410.37
Channel Bottom Ht.	410.37
Top of Right Bank Ht.	413.00
Top of Left Bank Ht.	413.00
Right Bank Slope	1:1
Left Bank Slope	1:1
Channel Width at Top	8.0
Channel Width at Bottom	4.0
Channel Depth	2.0
Channel Area	12.0
Channel Perimeter	18.0
Channel Velocity	1.0
Channel Discharge	12.0
Channel Capacity	12.0
Channel Efficiency	0.8
Channel Losses	0.2
Channel Remarks	
Channel Date	

CHANNEL 7-2-1-2(+446.73)



Channel No.	7-2-1-2
Water Level, Normal Ht.	446.73
Channel Bottom Ht.	446.73
Top of Right Bank Ht.	449.00
Top of Left Bank Ht.	449.00
Right Bank Slope	1:1
Left Bank Slope	1:1
Channel Width at Top	8.0
Channel Width at Bottom	4.0
Channel Depth	2.0
Channel Area	12.0
Channel Perimeter	18.0
Channel Velocity	1.0
Channel Discharge	12.0
Channel Capacity	12.0
Channel Efficiency	0.8
Channel Losses	0.2
Channel Remarks	
Channel Date	

Scale: 1:1000

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

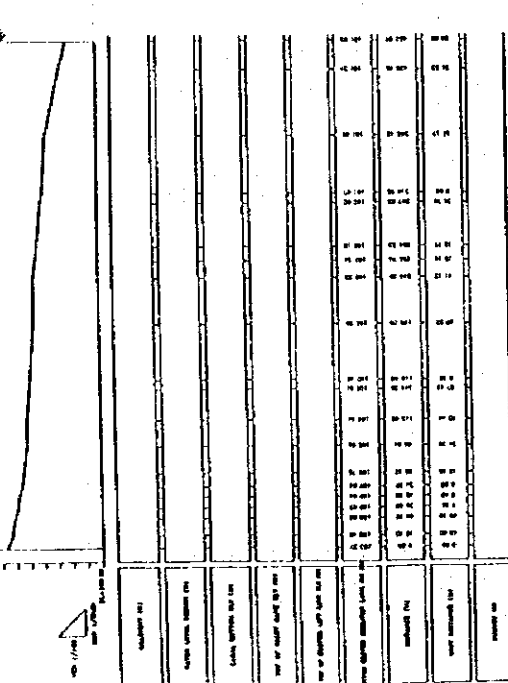
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Year of Issue: 1982
Month: May

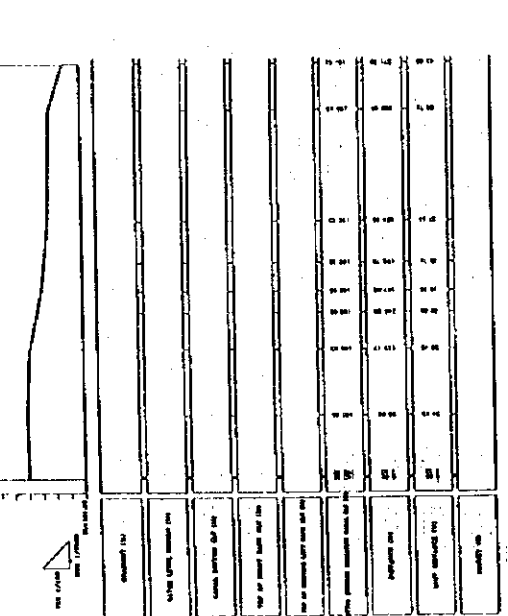
Page No. 29 of 30

Checked by: [Signature]
Approved by: [Signature]

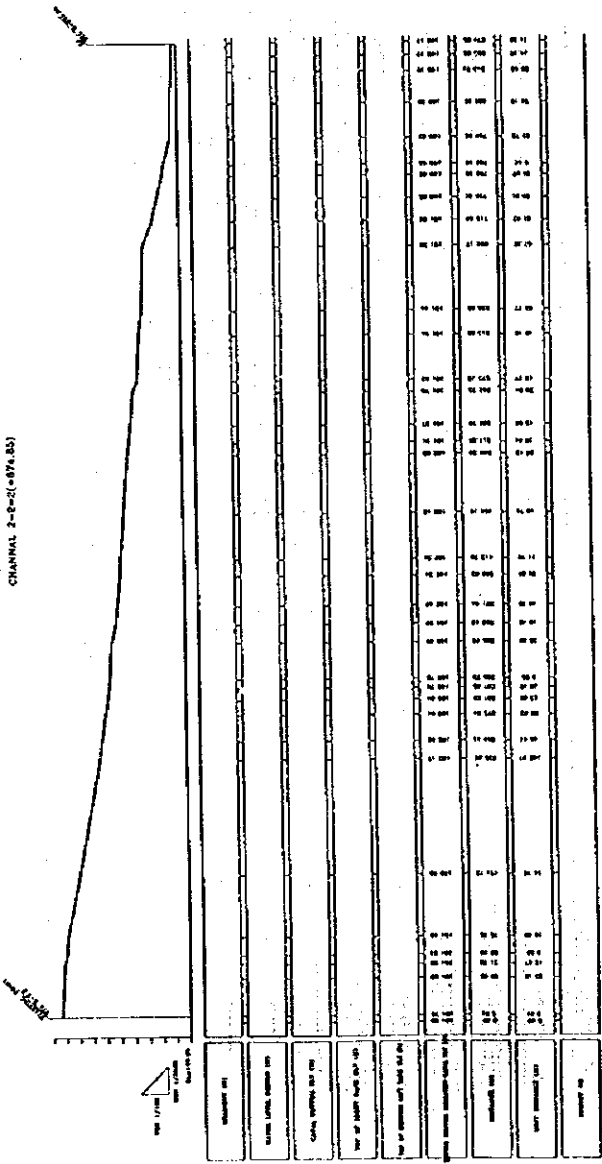
CHANNEL 2-2-1-2-1(=871.55)

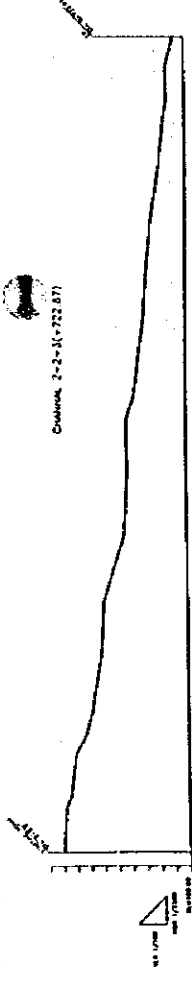


CHANNEL 2-2-1-2-2(=871.35)



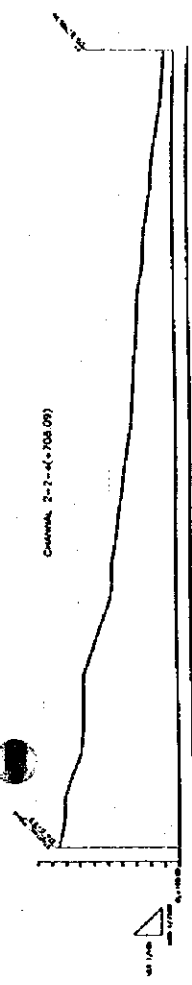
CHANNEL 2-2-2(=874.85)





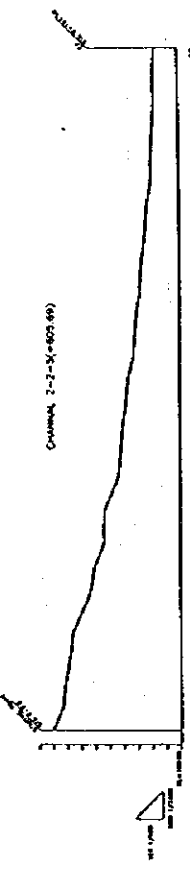
CHANNEL 2-2-31 (752.07)

Channel No.	2-2-31
Length (m)	100
Top of channel bed (m)	100
Bottom of channel bed (m)	100
Area (m ²)	100
Volume (m ³)	100
Capacity (m ³)	100
Remarks	



CHANNEL 2-2-4 (708.09)

Channel No.	2-2-4
Length (m)	100
Top of channel bed (m)	100
Bottom of channel bed (m)	100
Area (m ²)	100
Volume (m ³)	100
Capacity (m ³)	100
Remarks	



CHANNEL 2-2-5 (805.60)

Channel No.	2-2-5
Length (m)	100
Top of channel bed (m)	100
Bottom of channel bed (m)	100
Area (m ²)	100
Volume (m ³)	100
Capacity (m ³)	100
Remarks	



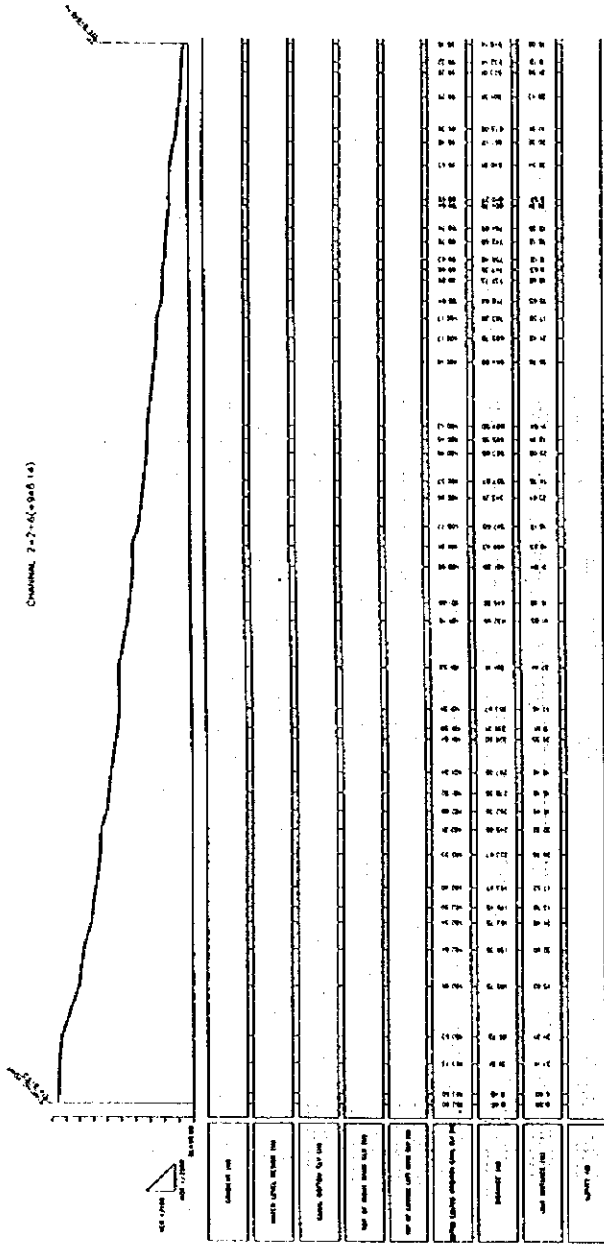
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

Cherukunur Tank, Tiruttani Taluk
Longitudinal Section of Irrigation Channels

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Drawn by: [Name]
Checked by: [Name]
Date: [Date]

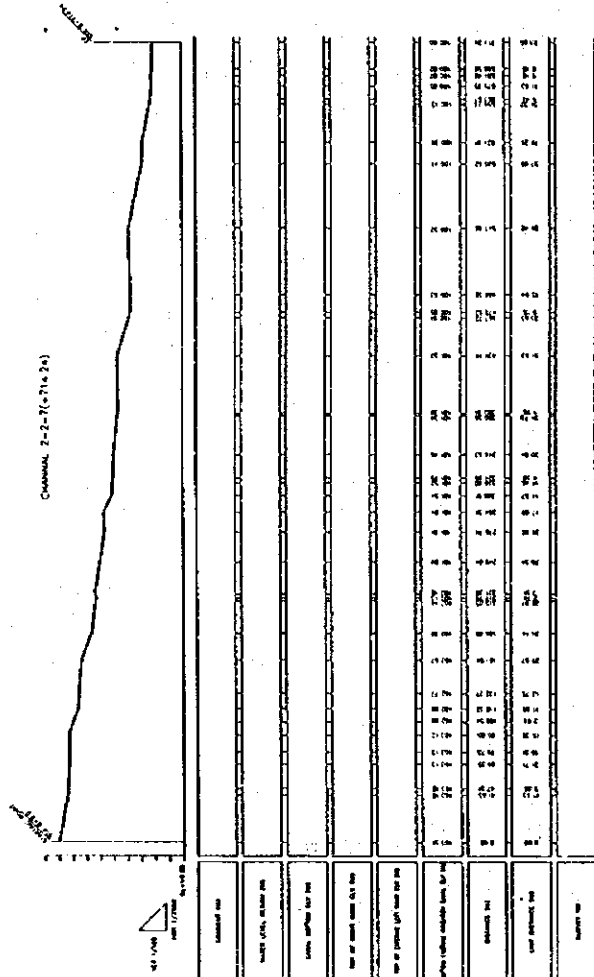
Channel 2-2-6(=946 14)



100.00m
100.00m

Channel No.	2-2-6(=946 14)
Channel Length (m)	1000
Channel Bed Elevation (m)	98.50
Channel Bed Slope (%)	0.00
Channel Bed Material	Gravel
Channel Bed Width (m)	10.00
Channel Bed Depth (m)	1.50
Channel Bed Area (m ²)	150.00
Channel Bed Volume (m ³)	1500.00
Channel Bed Weight (kg)	1500000.00
Channel Bed Cost (Yen)	150000000.00
Channel Bed Maintenance Cost (Yen)	15000000.00
Channel Bed Total Cost (Yen)	165000000.00

Channel 2-2-7(=714 24)



100.00m
100.00m

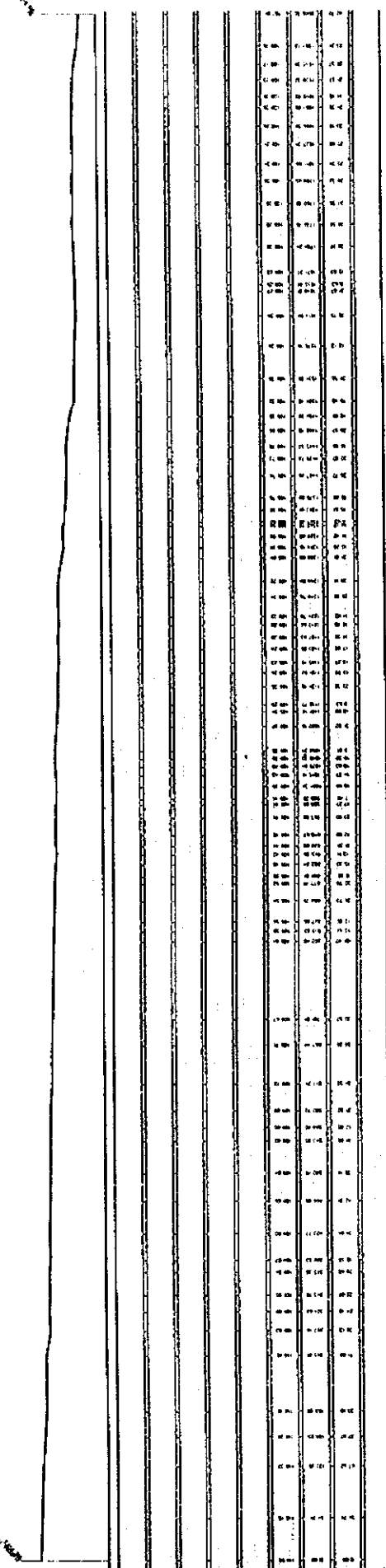
Channel No.	2-2-7(=714 24)
Channel Length (m)	1000
Channel Bed Elevation (m)	98.50
Channel Bed Slope (%)	0.00
Channel Bed Material	Gravel
Channel Bed Width (m)	10.00
Channel Bed Depth (m)	1.50
Channel Bed Area (m ²)	150.00
Channel Bed Volume (m ³)	1500.00
Channel Bed Weight (kg)	1500000.00
Channel Bed Cost (Yen)	150000000.00
Channel Bed Maintenance Cost (Yen)	15000000.00
Channel Bed Total Cost (Yen)	165000000.00

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
 ON REHABILITATION OF MINOR IRRIGATION
 FOR RURAL DEVELOPMENT IN TAMIL NADU

Cherukunur-Tank, Tiruttani Taluk
 Longitudinal Section of Irrigation Channel
 Sheet No. 2-2-6(=946 14)
 Channel No. 2-2-6(=946 14)
 Date of Survey 1980

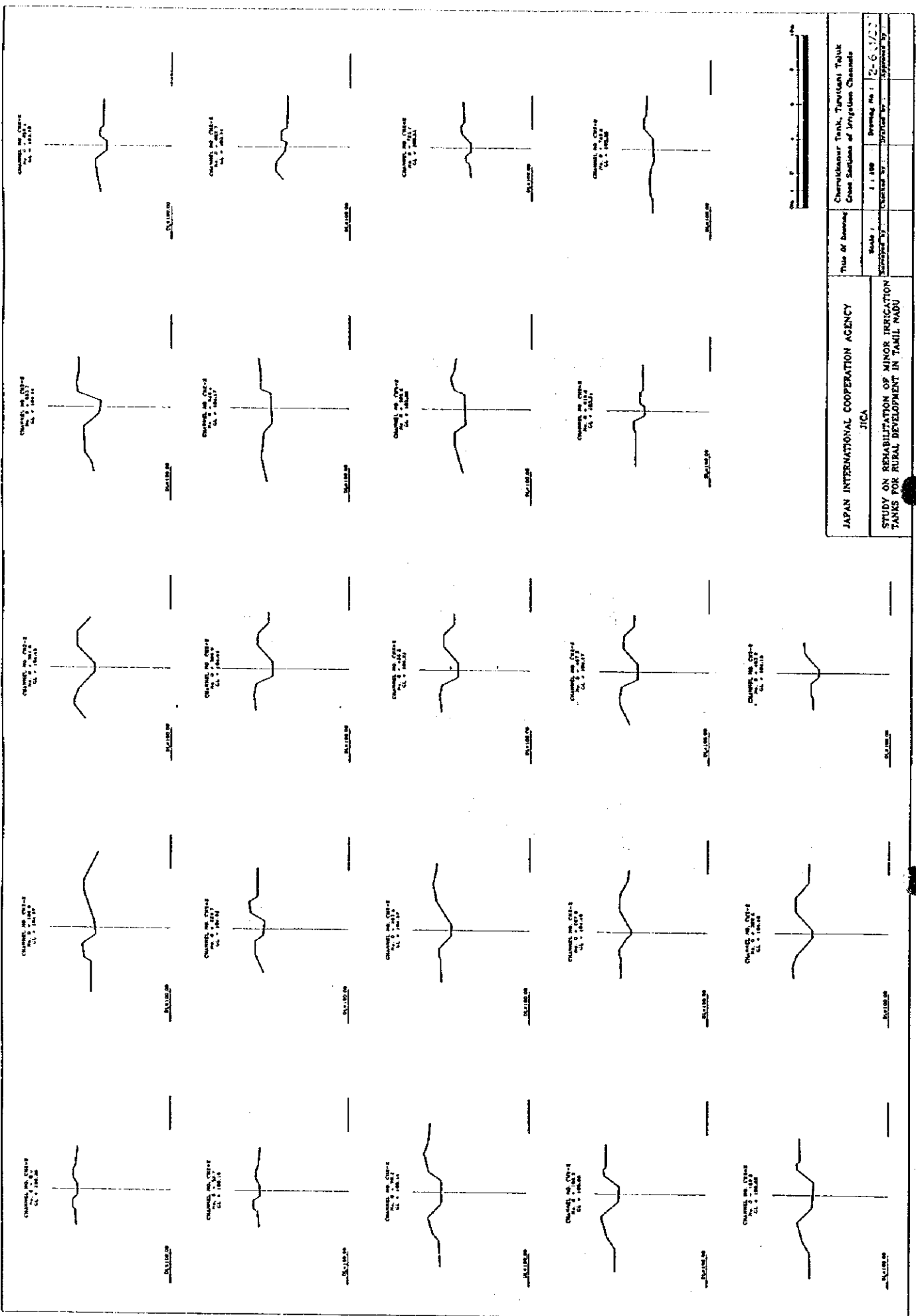
62
66

INLET CHANNEL



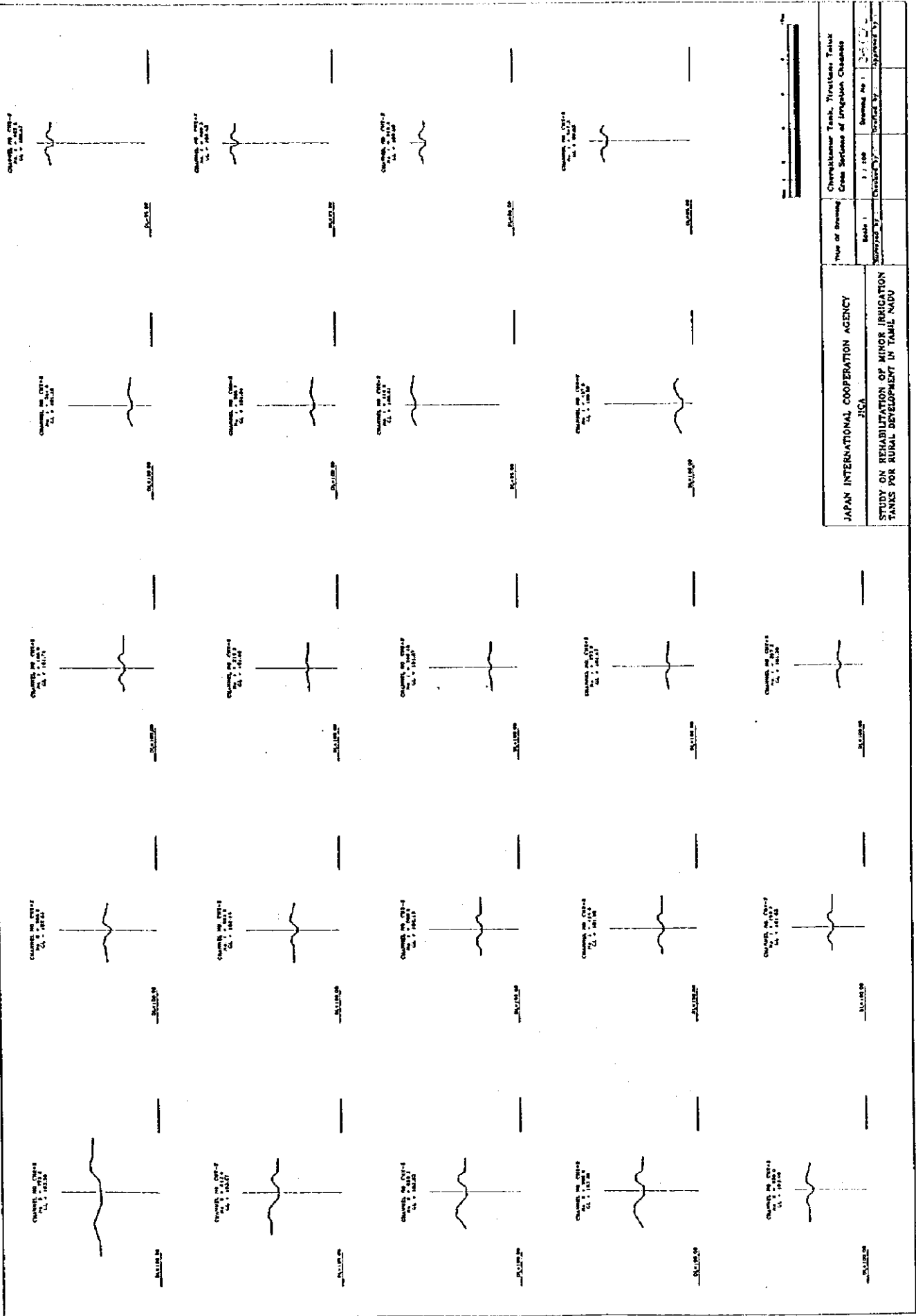
Channel No.	1
Channel Name	Inlet Channel
Channel Length (ft)	100
Channel Width (ft)	10
Channel Depth (ft)	2
Channel Slope (ft/ft)	0.001
Channel Material	Concrete
Channel Construction Date	1980
Channel Status	Operational

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		Cherukkanur Tank, Tiruvelan Taluk	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Longitudinal Section of Irrigation Channels	
Scale	1:100	Drawing No.	2-1-1
Checked by		Issued by	



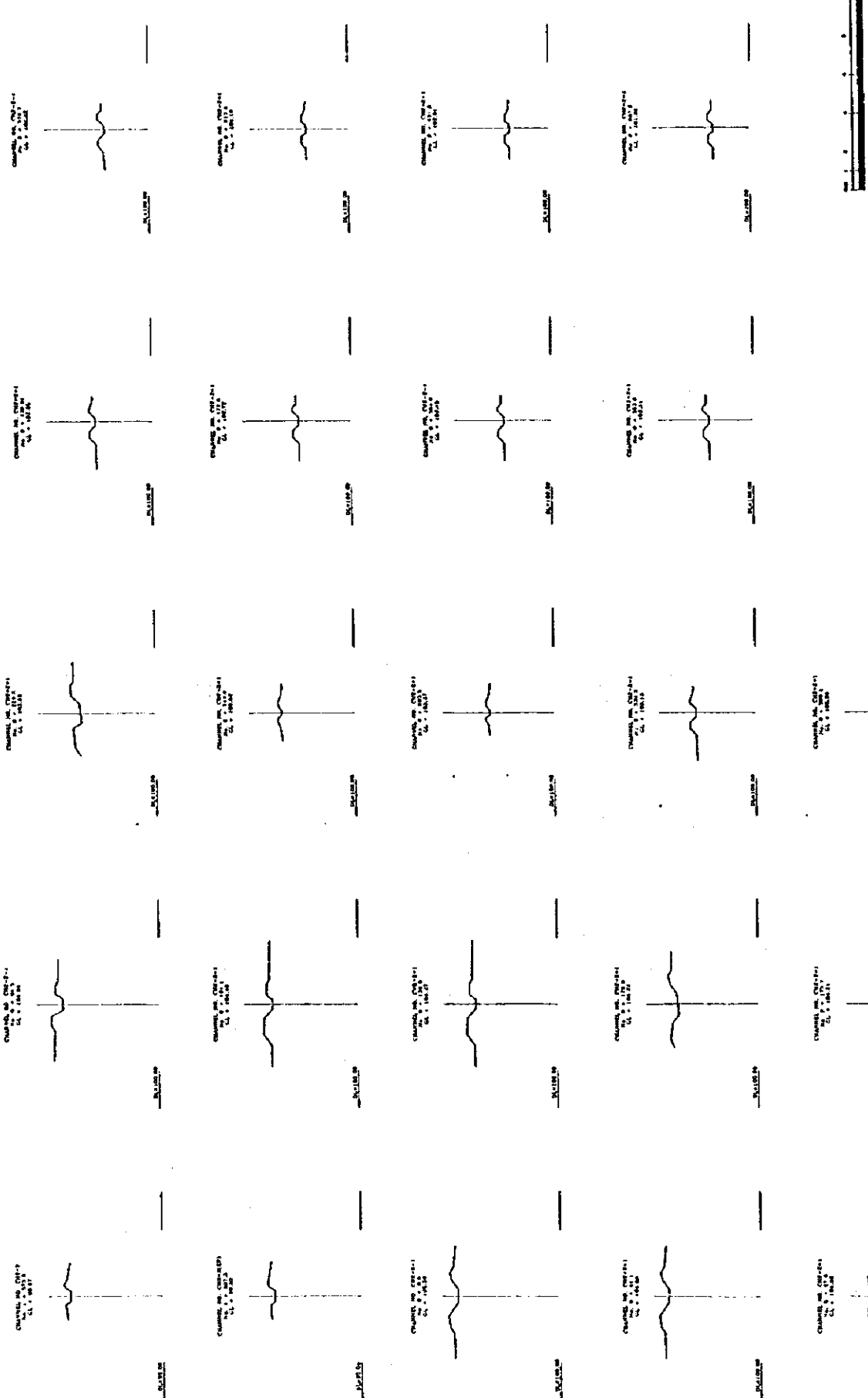
JICA JAPAN INTERNATIONAL COOPERATION AGENCY		Title of drawing Channel Section of Irrigation Channels	
		Sheet No. / 1 / 100	Drawing No. / 2-6-17-2
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Channel No. / 0101-4	





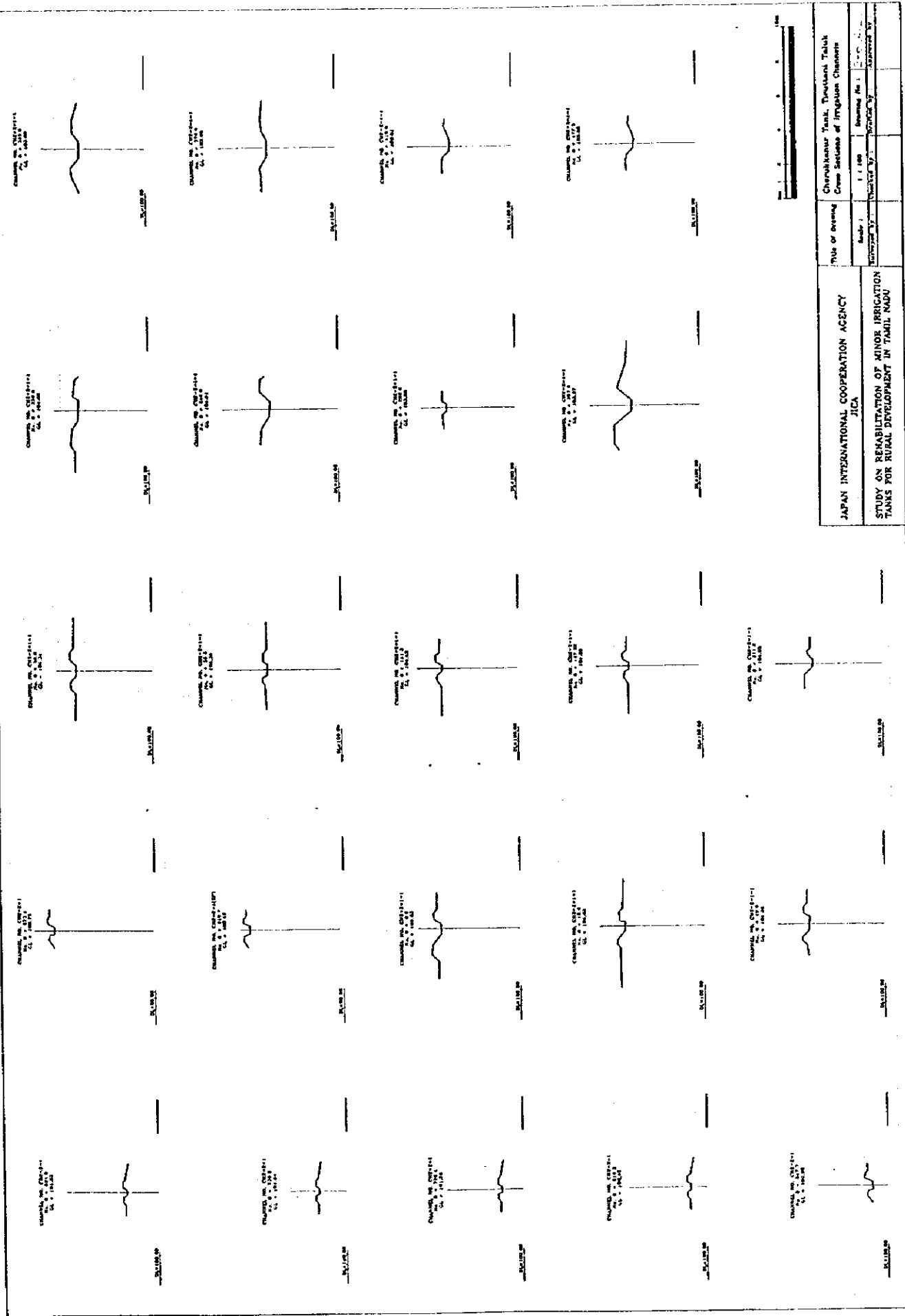
JICA JAPAN INTERNATIONAL COOPERATION AGENCY		Title or Drawing Cherpulasser Tank, Tiruvananthapuram Cross Section of Irrigation Channels	
Scale 1 : 100	Drawing No. 1	Date 1977	Project No. 10000000000000000000

STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

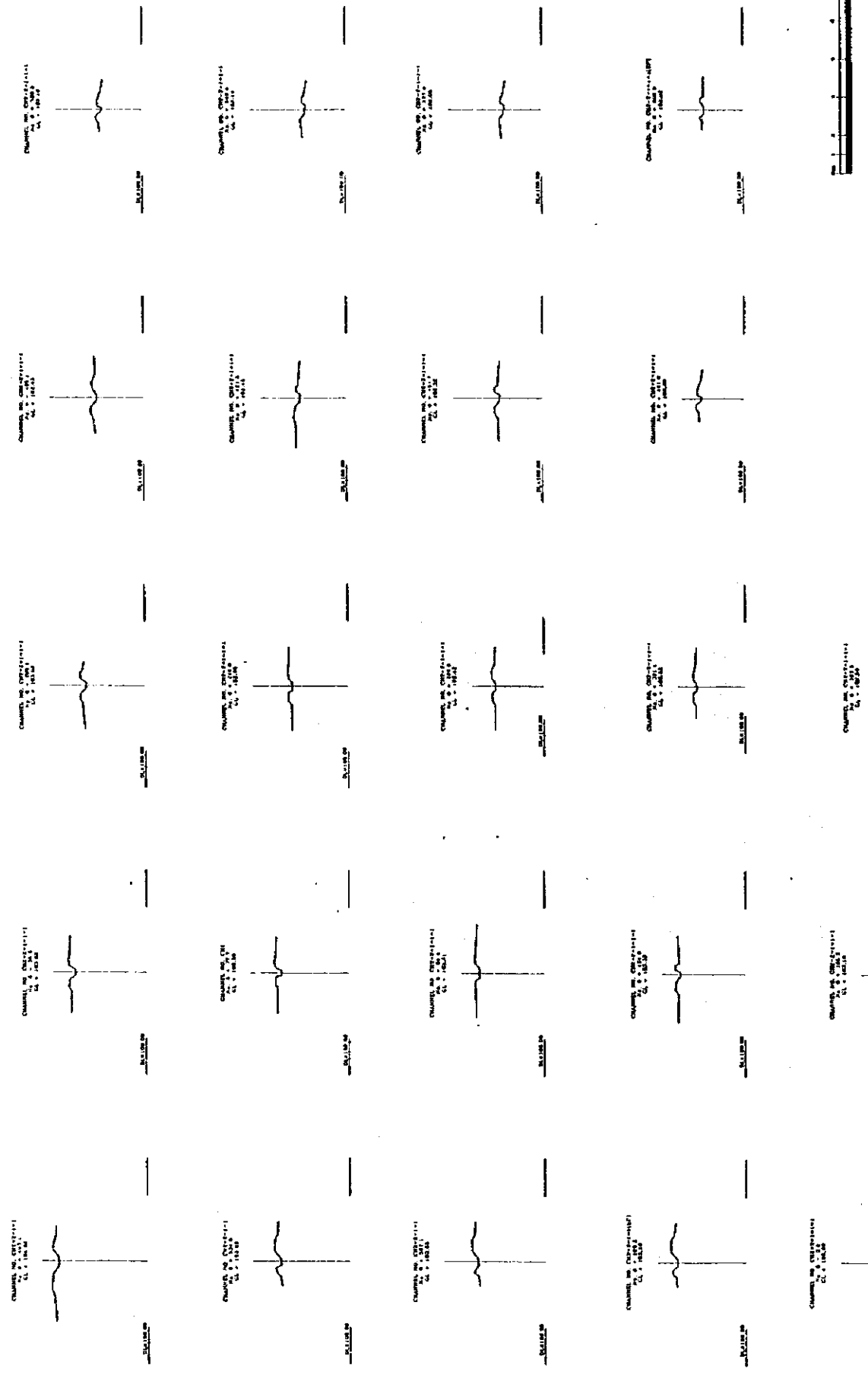


JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Character Tank, Trapezoidal Tanks Cross Sections of Trapezoidal Channels	
Title of Drawing	Scale	Sheet No.	Approved By
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU	1 : 100	1	

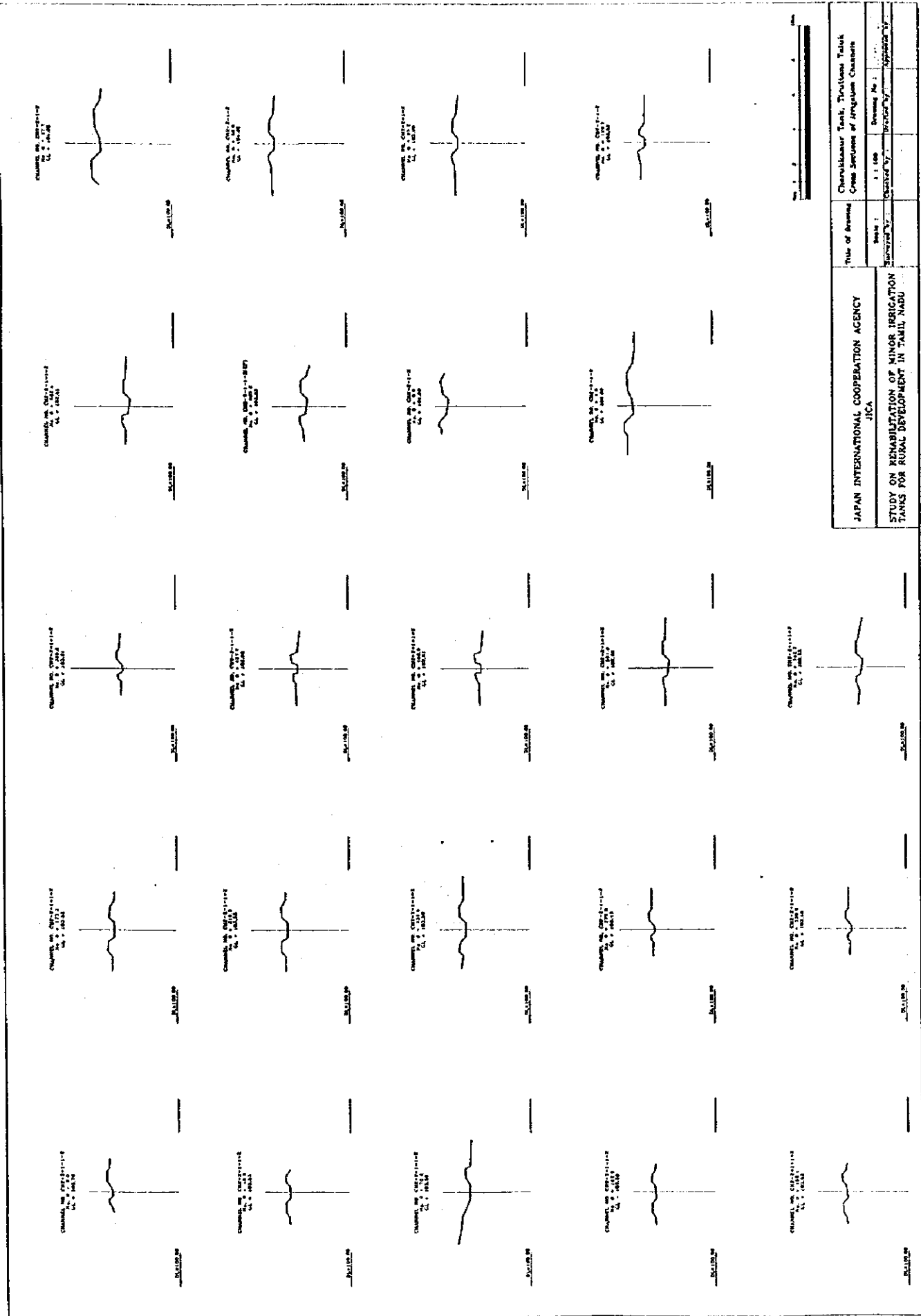
62



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Cherukhanur Tank, Trichy District, Tamil Nadu Cross Section of Irrigation Channels	
Title or Avenue No. 1		Drawing No. 1	
Scale 1:100		Drawing No. 1	
Date 1972		Drawing No. 1	

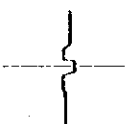


JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Survey Channel No. 1 Section No. 1	Checked by Date of Survey	Checked by Date of Survey
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Channel No. 1 Section No. 1	Checked by Date of Survey	Checked by Date of Survey



JICA		JAPAN INTERNATIONAL COOPERATION AGENCY	
Title of Research		Channikar Tank, Thiruvannamalai Cross Sections of Irrigation Channels	
Sheet 1	Sheet No. 1	Drawing No. 1	Scale 1:1000
Date of Survey		Date of Drawing	
Surveyed by		Drawn by	
Checked by		Approved by	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU			

CHANNEL NO. 0207-11-10
 11.1.1974



SCALE

CHANNEL NO. 0207-11-11
 11.1.1974



SCALE

CHANNEL NO. 0207-11-12
 11.1.1974



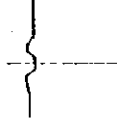
SCALE

CHANNEL NO. 0207-11-13
 11.1.1974



SCALE

CHANNEL NO. 0207-11-14
 11.1.1974



SCALE

CHANNEL NO. 0207-11-15
 11.1.1974



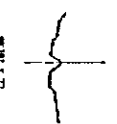
SCALE

CHANNEL NO. 0207-11-16
 11.1.1974



SCALE

CHANNEL NO. 0207-11-17
 11.1.1974



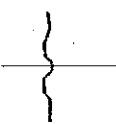
SCALE

CHANNEL NO. 0207-11-18
 11.1.1974



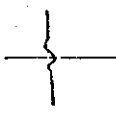
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CHANNEL NO. 0207-11-19
 11.1.1974



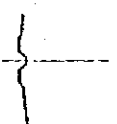
SCALE

CHANNEL NO. 0207-11-20
 11.1.1974



SCALE

CHANNEL NO. 0207-11-21
 11.1.1974



SCALE

CHANNEL NO. 0207-11-22
 11.1.1974



SCALE

CHANNEL NO. 0207-11-23
 11.1.1974



SCALE

CHANNEL NO. 0207-11-24
 11.1.1974



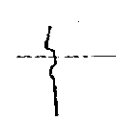
SCALE

CHANNEL NO. 0207-11-25
 11.1.1974



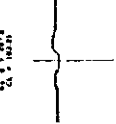
SCALE

CHANNEL NO. 0207-11-26
 11.1.1974



SCALE

CHANNEL NO. 0207-11-27
 11.1.1974



SCALE



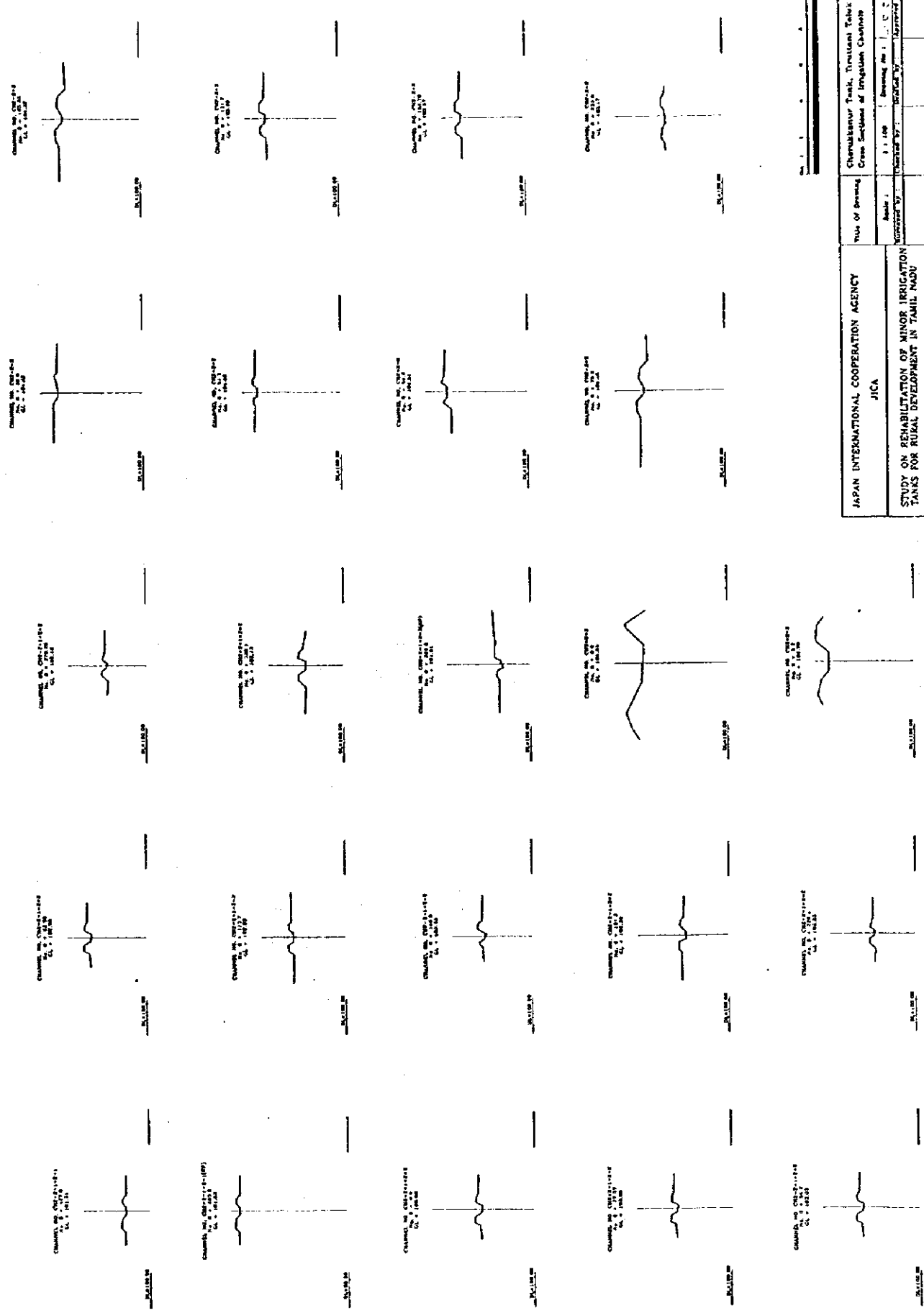
JAPAN INTERNATIONAL COOPERATION AGENCY
 JICA
 STUDY ON REHABILITATION OF MINOR IRRIGATION
 TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Field of Survey	Channel No. 1
Surveyed by	Channel No. 1
Checked by	Channel No. 1
Scale	Channel No. 1

Channel No. 0207-11-28
 11.1.1974

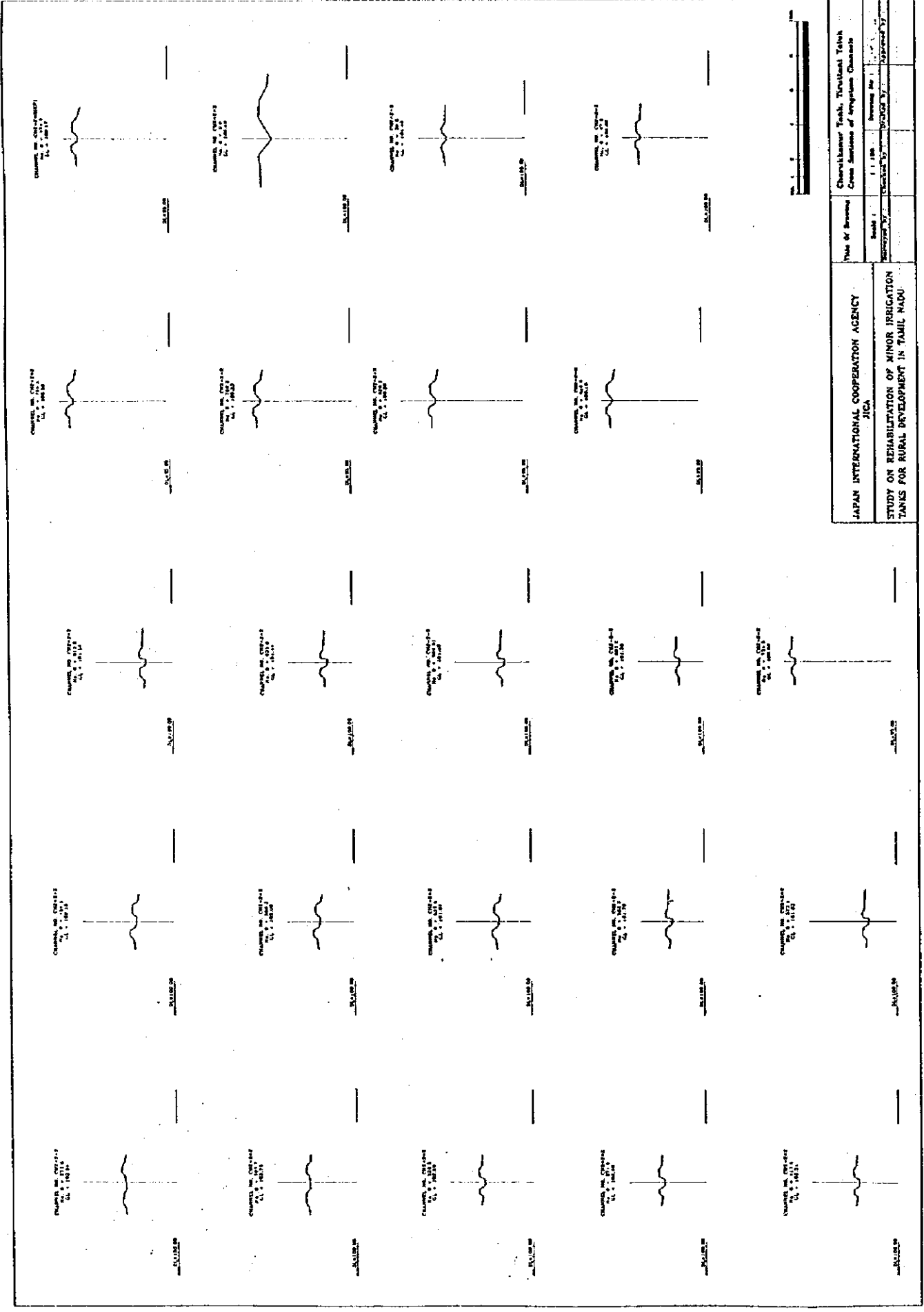


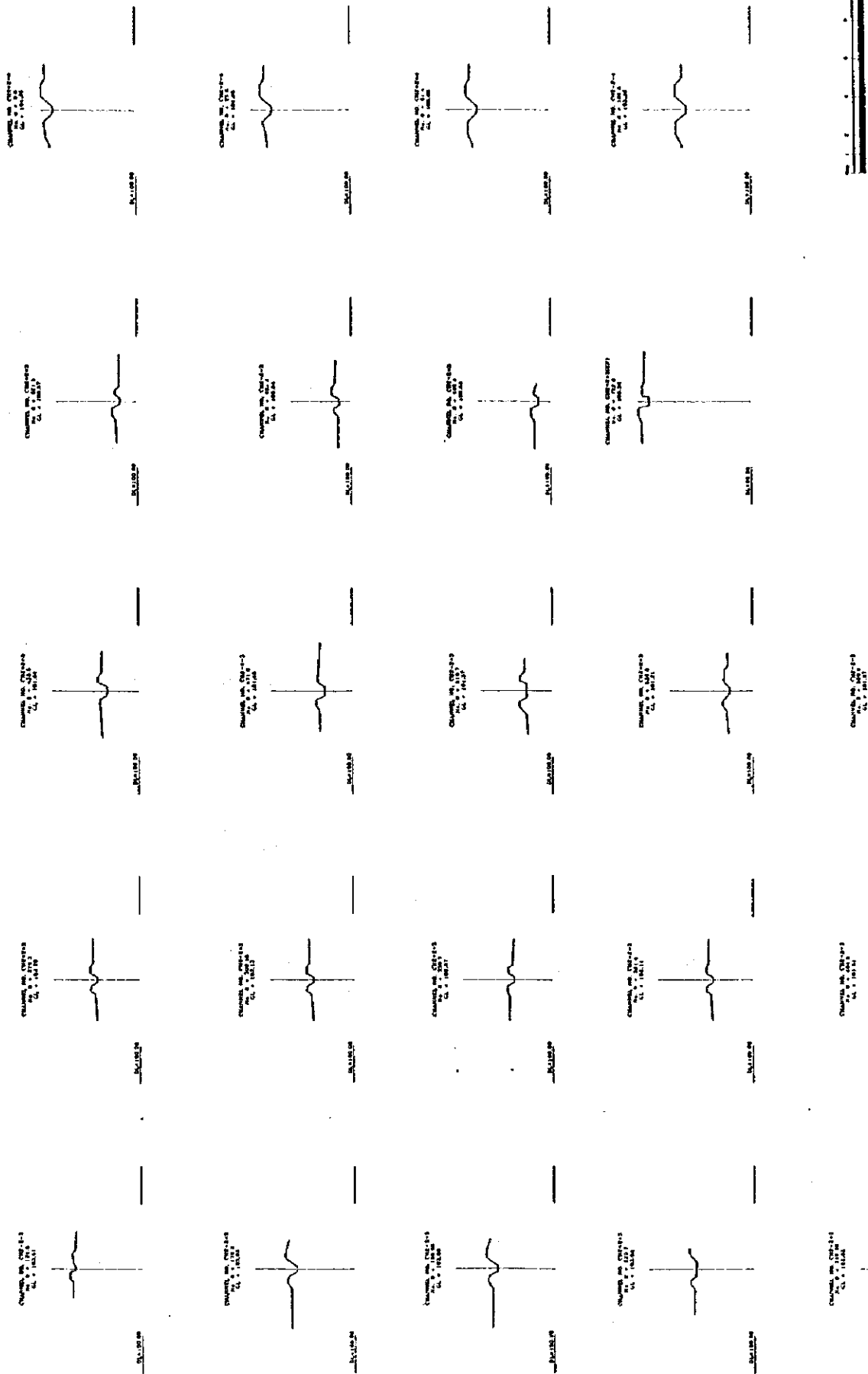
SCALE



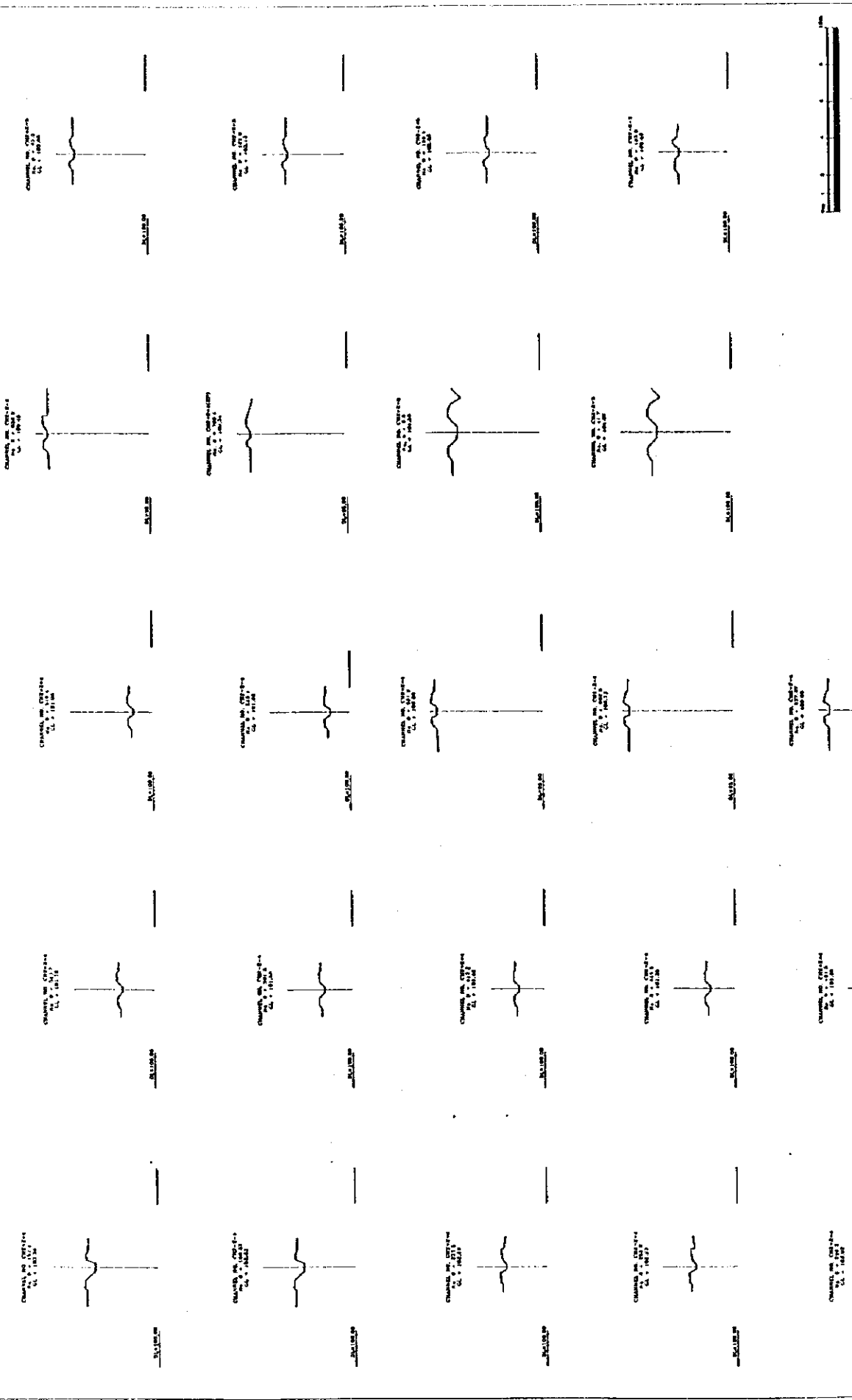
Scale: 1 cm = 1 m

JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing Channel No. 0201-114	Channel No. 0201-114 Date: 11.10.59
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Author: J. C. S.	Checked by: Approved by:
Chemikur Tank, Tirunelveli Taluk Cross Section at Iruppan Channel		Scale: 1 cm = 1 m	Date: 11.10.59

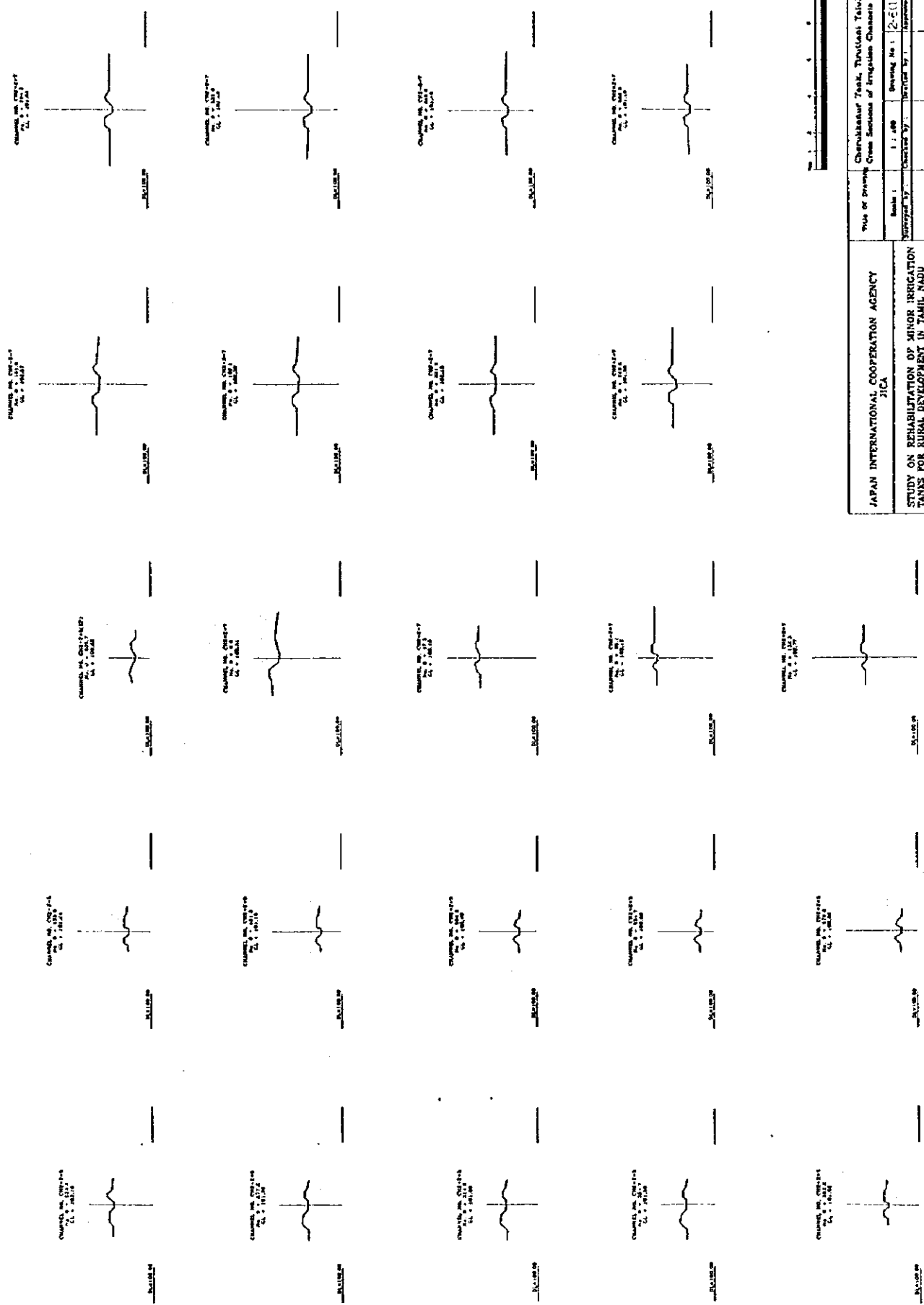




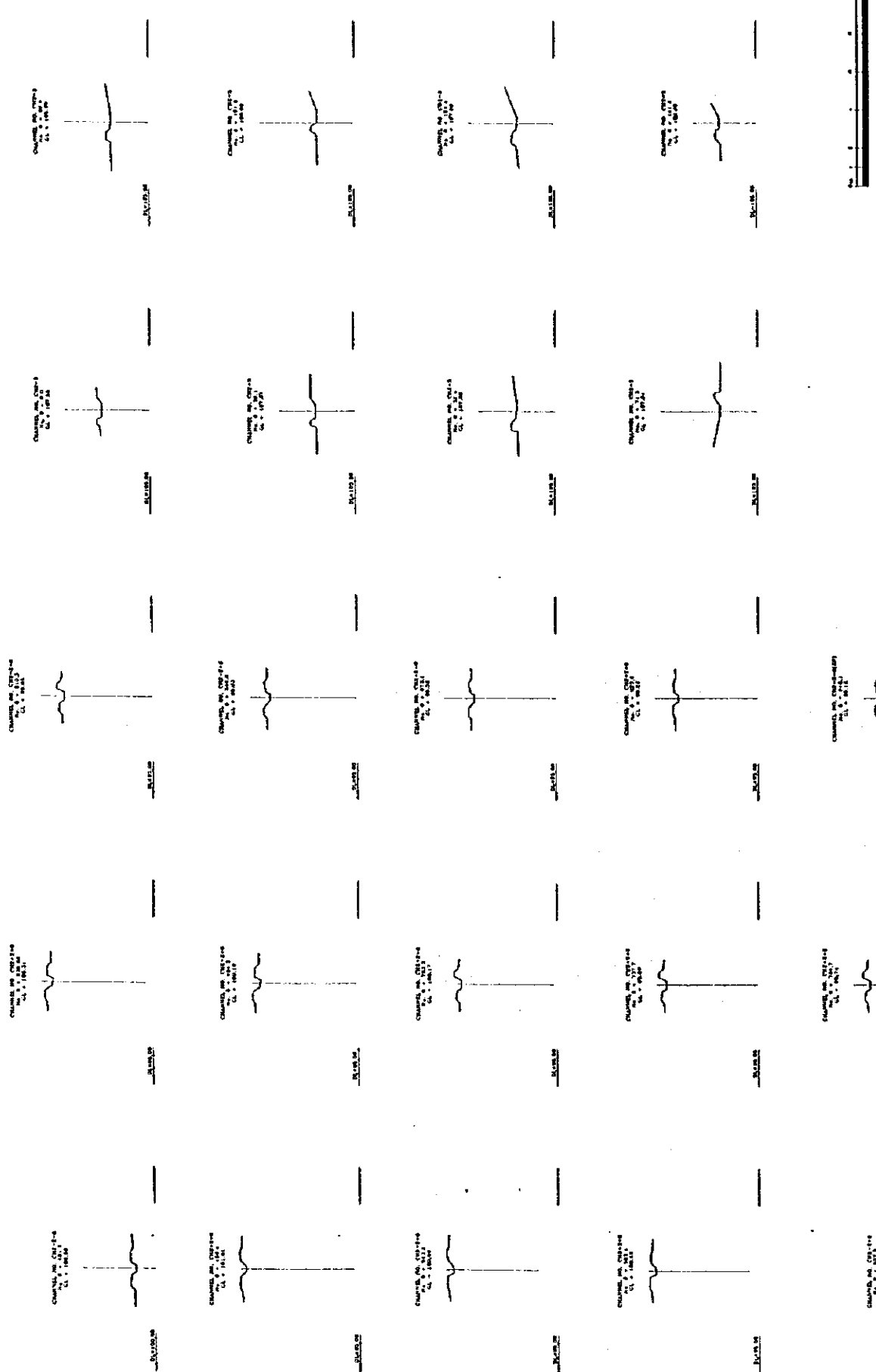
JICA JAPAN INTERNATIONAL COOPERATION AGENCY		This or Drawing No. 100	Channel No. 002-1-1 Channel No. 002-1-2 Channel No. 002-1-3 Channel No. 002-1-4 Channel No. 002-2-1 Channel No. 002-2-2 Channel No. 002-2-3 Channel No. 002-2-4 Channel No. 002-3-1 Channel No. 002-3-2 Channel No. 002-3-3 Channel No. 002-3-4 Channel No. 002-4-1 Channel No. 002-4-2 Channel No. 002-4-3 Channel No. 002-4-4 Channel No. 002-5-1 Channel No. 002-5-2 Channel No. 002-5-3 Channel No. 002-5-4
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Checked by: _____ Drawn by: _____ Date: _____	Checked by: _____ Drawn by: _____ Date: _____



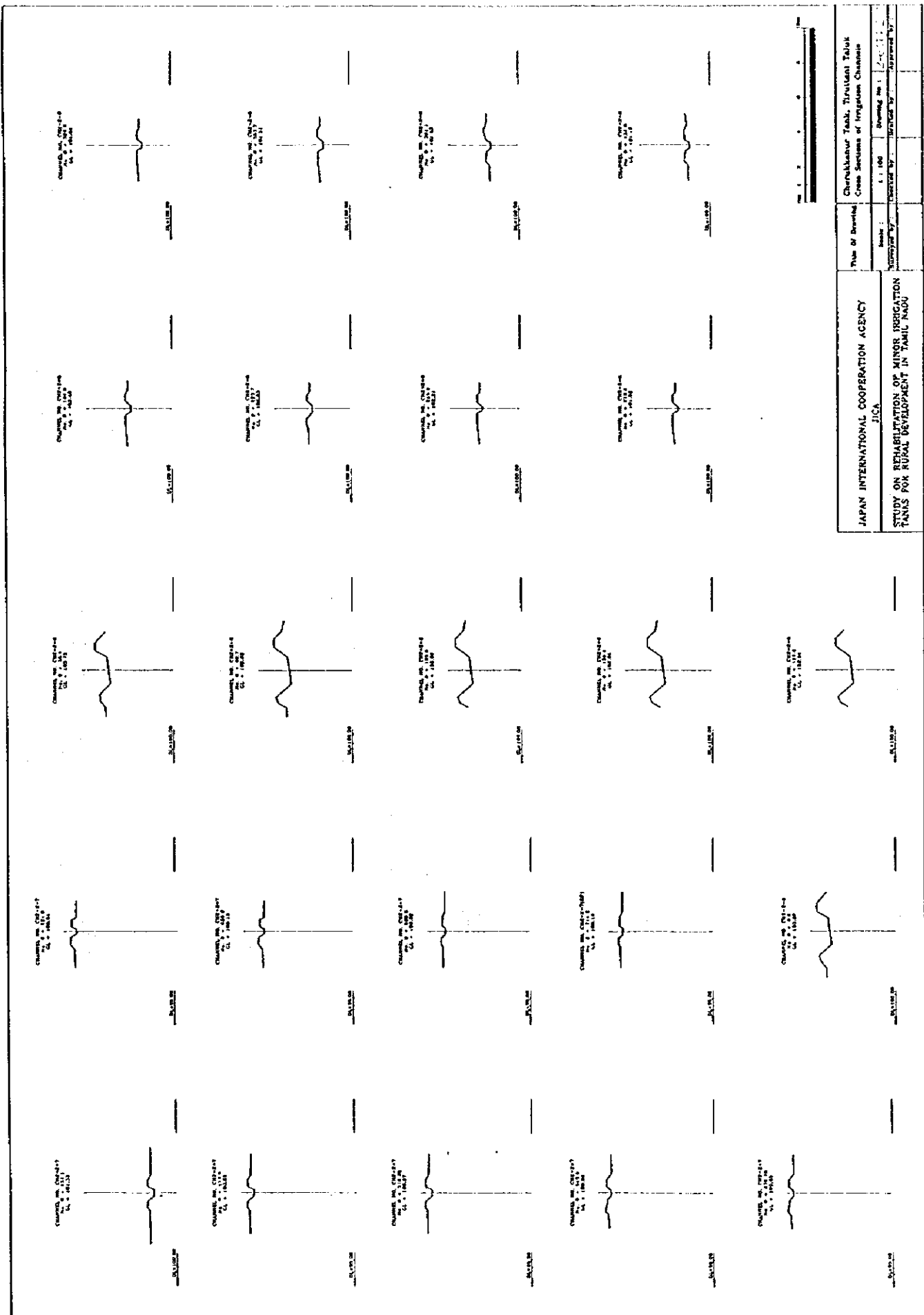
JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Studies Characteristic Tolls, Tiltless Table Cross Sections of Irrigation Channels	
		Date : 11.11.64	Drawing No :
Study on Rehabilitation of Minor Irrigation Tanks for Rural Development in Tamil Nadu		Checked by :	Approved by :



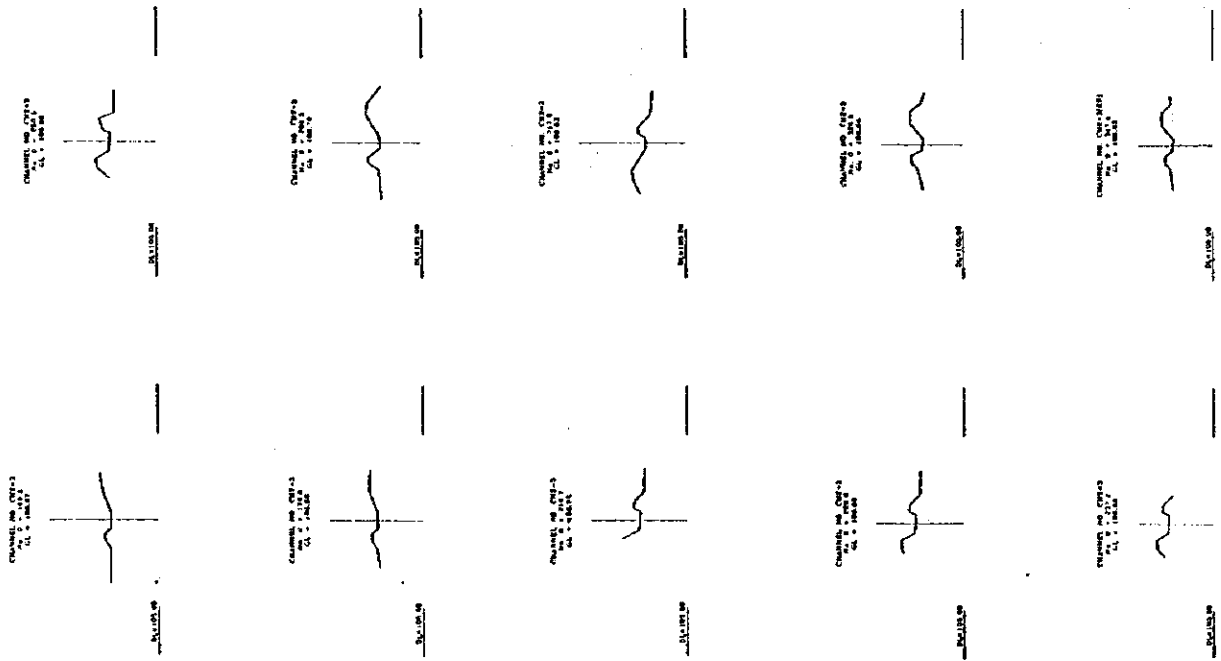
JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing Cherukkulam Tank, Thrissur Taluk Cross Sections of Irrigation Channels
Scale : 1 : 400	Drawing No : 2-5103-2	Checked by : _____
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		



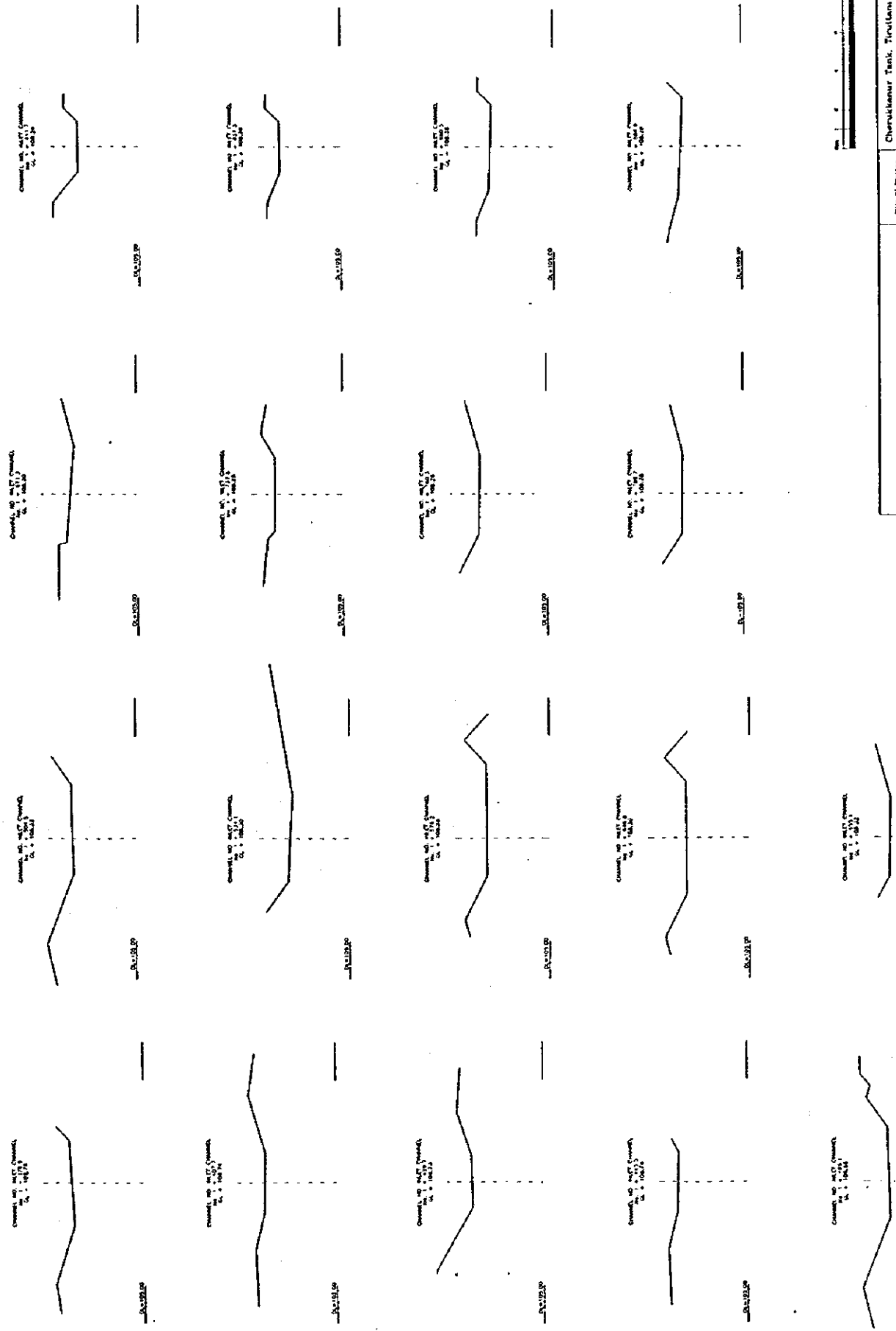
JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Cheruvuvar Tank, Tirupulani Taluk Chittoor District of Andhra Pradesh	
TITLE OF DRAWING STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		DRAWING No. 1 SHEET No. 1 of 2	
DRAWN BY _____		CHECKED BY _____	



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Cherukhanur Tank, Tiruvallur Taluk Cross Sections of Irrigation Channels	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Plan of Details	Sheet No. 1
		Scale: 1:1000	Drawing No. 1
		Prepared by: ENGINEER BY	Supervised by: SUPERVISOR BY

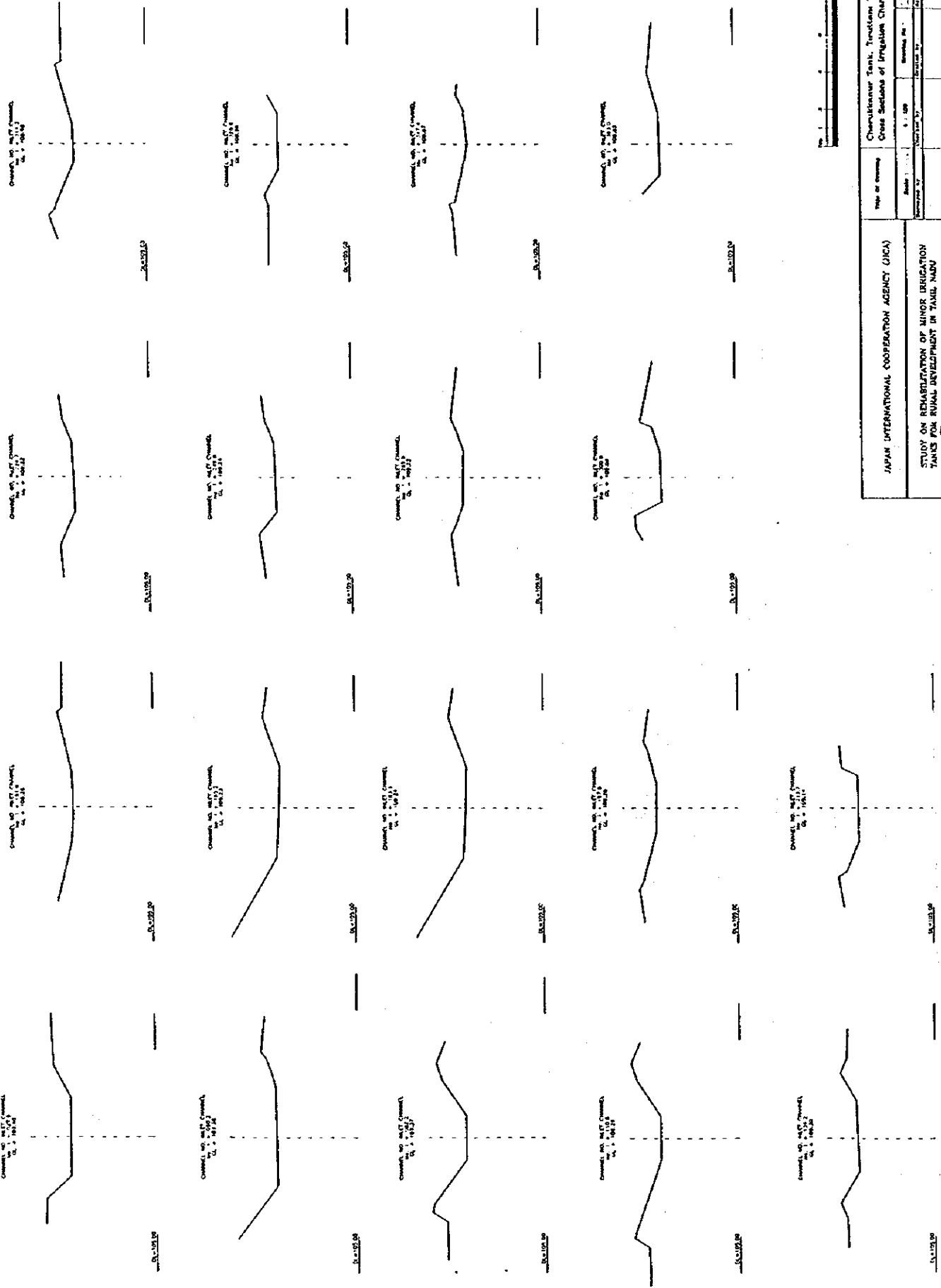


JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Charukannur Tank, Trivandrum Taluk, Cross Section of Irrigation Channels	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU	Title of Survey: Cross Section of Irrigation Channels	Scale: 1 : 1000	Working No.: 10/62(1)
	Surveyed by: [Signature]	Checked by: [Signature]	Approved by: [Signature]

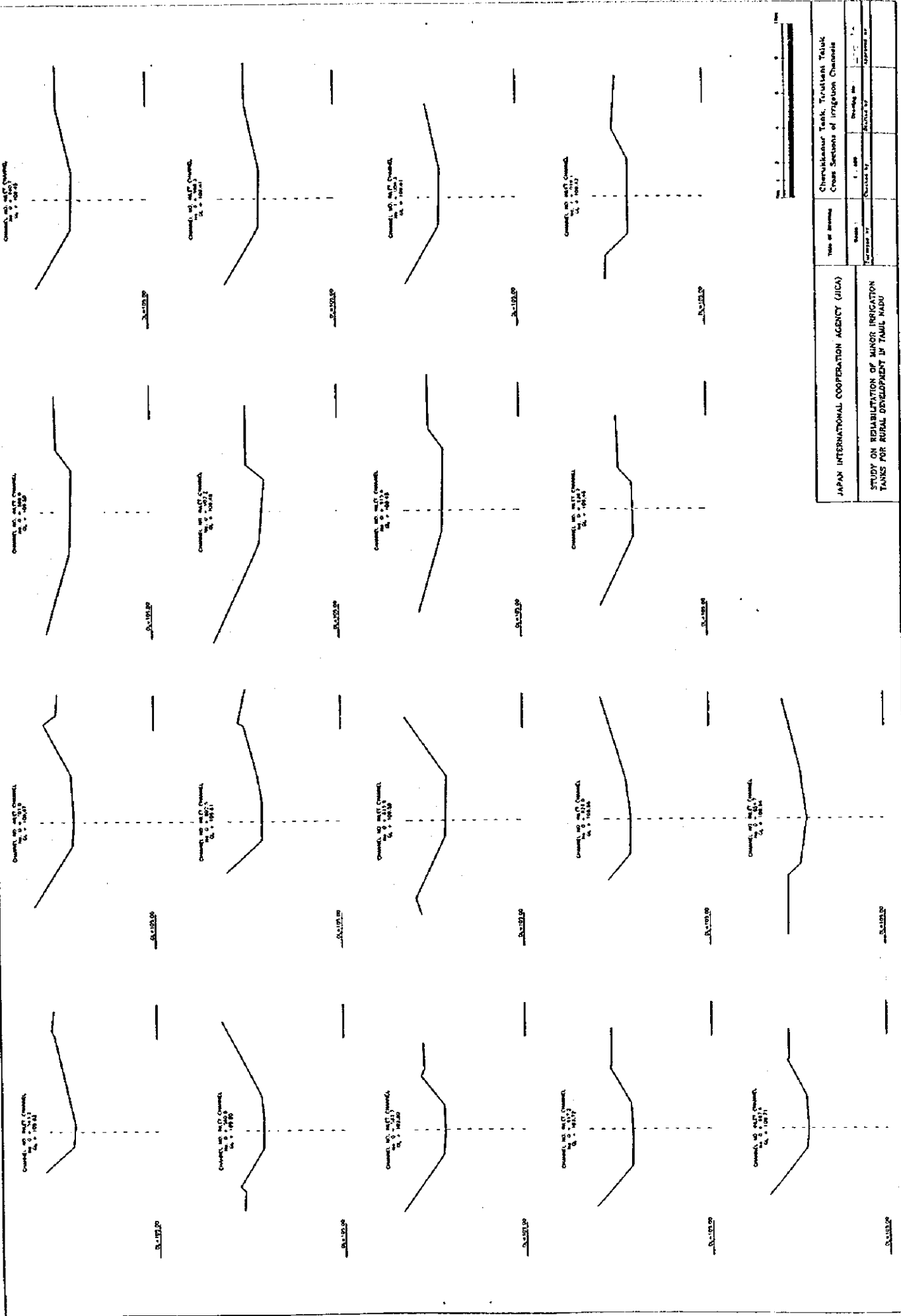


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		Charakkarai Tank, Tirupulani Taluk Cross Sections of Irrigation Channels	
Title of Invoice		Scale 1: 100	Drawing No.
Date		Sheet 11	Station 10
Project No.		Station 11	Station 12

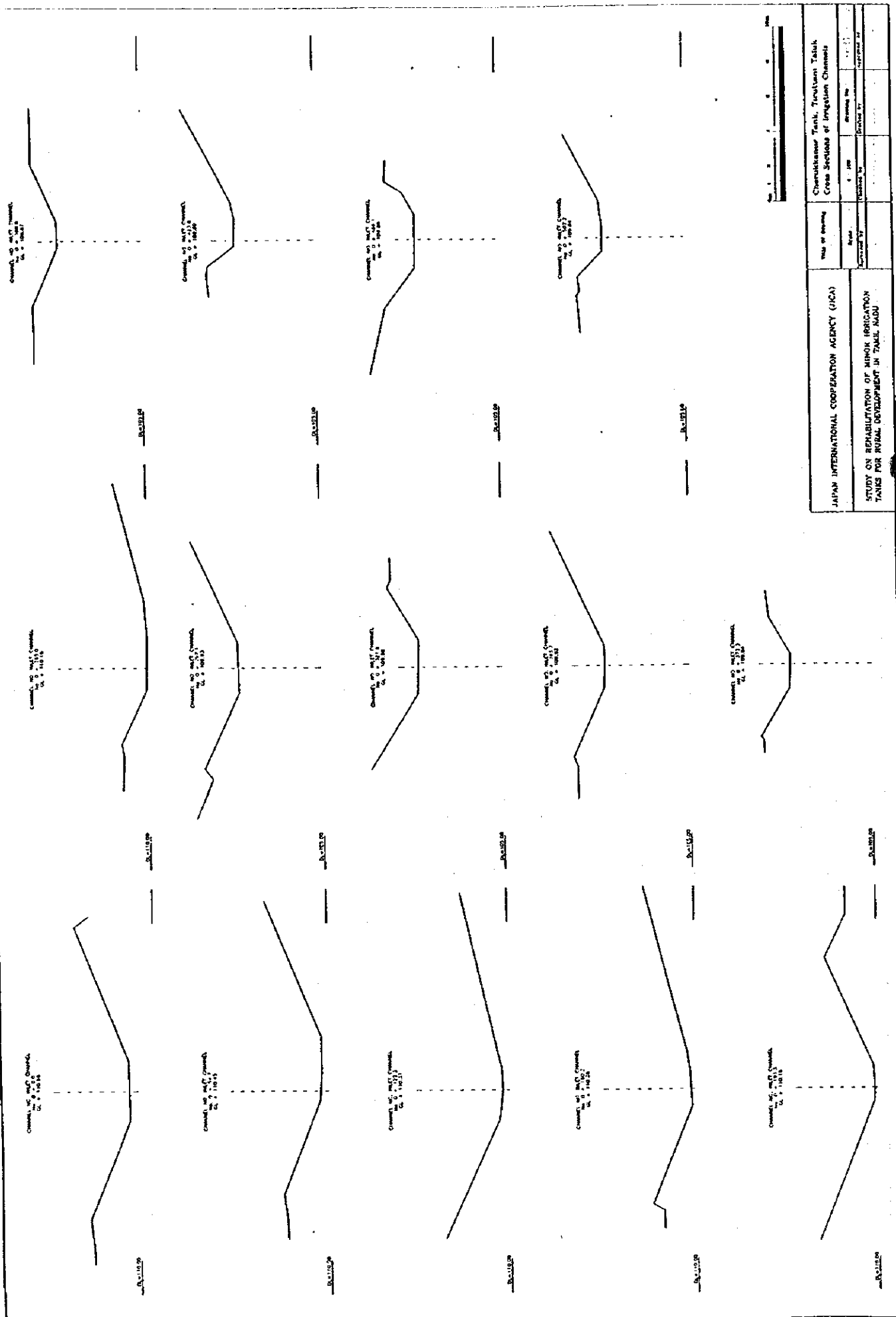
STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		Characteristic Tank, Traditional Tank Cross Sections of Irrigation Channels	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Map or Drawing No. : 1017-1032	Scale : 1 : 100
Prepared by :	Checked by :	Drawn by :	Approved by :

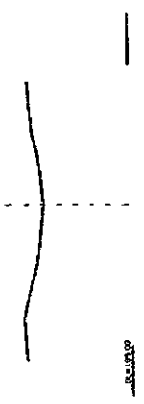


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		Chemistat Tank, Tricholair, Tamil Nadu Cross Sections of Irrigation Channels	
Title of Inventory	Scale	Project No.	
Drawn by	Checked by	Checked by	Approved by



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) STUDY ON REHABILITATION OF MINOR IRRIGATION CANALS FOR RURAL DEVELOPMENT IN TAMU MALU		Channel No. 1001 Stationing: Sta. 1+000 to 1+005 Drawn by: [] Checked by: []	
Channel No. 1002 Stationing: Sta. 1+005 to 1+010 Drawn by: [] Checked by: []		Channel No. 1003 Stationing: Sta. 1+010 to 1+015 Drawn by: [] Checked by: []	
Channel No. 1004 Stationing: Sta. 1+015 to 1+020 Drawn by: [] Checked by: []		Channel No. 1005 Stationing: Sta. 1+020 to 1+025 Drawn by: [] Checked by: []	
Channel No. 1006 Stationing: Sta. 1+025 to 1+030 Drawn by: [] Checked by: []		Channel No. 1007 Stationing: Sta. 1+030 to 1+035 Drawn by: [] Checked by: []	
Channel No. 1008 Stationing: Sta. 1+035 to 1+040 Drawn by: [] Checked by: []		Channel No. 1009 Stationing: Sta. 1+040 to 1+045 Drawn by: [] Checked by: []	
Channel No. 1010 Stationing: Sta. 1+045 to 1+050 Drawn by: [] Checked by: []		Channel No. 1011 Stationing: Sta. 1+050 to 1+055 Drawn by: [] Checked by: []	
Channel No. 1012 Stationing: Sta. 1+055 to 1+060 Drawn by: [] Checked by: []		Channel No. 1013 Stationing: Sta. 1+060 to 1+065 Drawn by: [] Checked by: []	

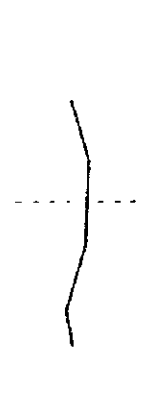
Channel No. 1047 (1951)
No. 1 (1951)



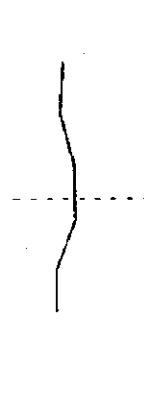
Channel No. 1047 (1951)
No. 2 (1951)



Channel No. 1047 (1951)
No. 3 (1951)



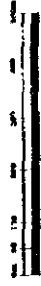
Channel No. 1047 (1951)
No. 4 (1951)



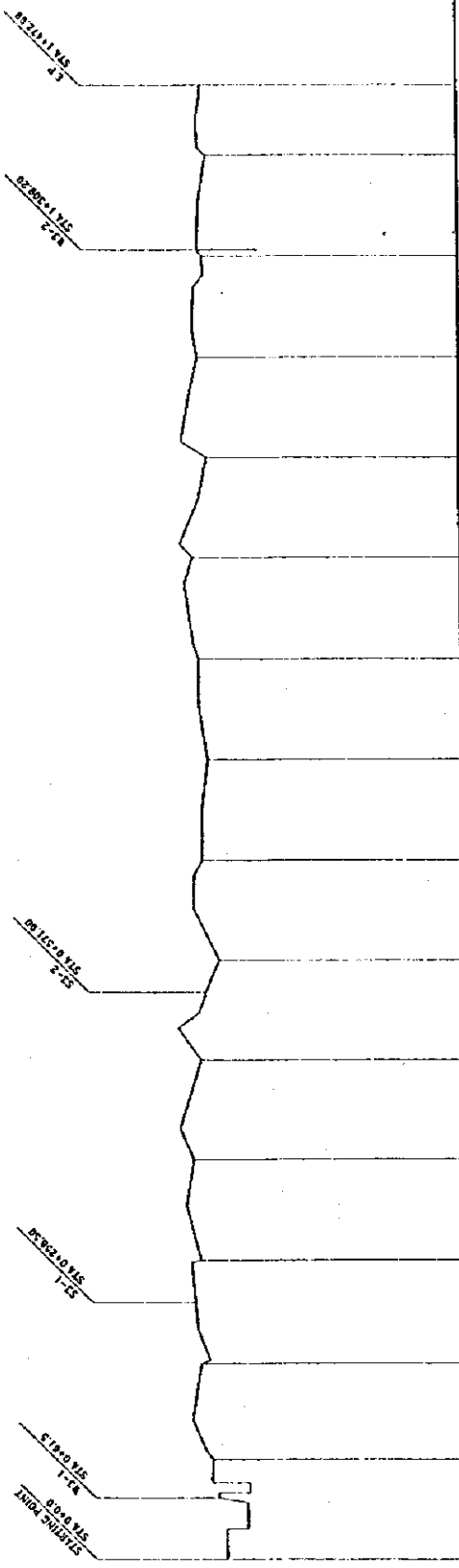
Channel No. 1047 (1951)
No. 5 (1951)



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		Characteristics Table Cross Sections of Irrigation Channels	
Title of Income		No. of Income	
Prepared by		Drawing No.	
Drawing No.		Drawing No.	
Drawing No.		Drawing No.	



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		Pohambakkam Tank, Madhavankulam Taluk Village Map And Command Area	
Map No. (Drawing)	Scale	Drawing No.	Sheet No.
		3-1(1)	
STUDY OF REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU			



1" = 35.00'

Station	Top Bund Level	Rvtment	Top Bund Level	Rvtment	Accumulate Distance	Distance
0+00	44.85		44.85		0.00	0.00
0+10	45.00		45.00		1.35	1.35
0+20	45.00		45.00		2.70	2.70
0+30	45.00		45.00		4.05	4.05
0+40	45.00		45.00		5.40	5.40
0+50	45.00		45.00		6.75	6.75
0+60	45.00		45.00		8.10	8.10
0+70	45.00		45.00		9.45	9.45
0+80	45.00		45.00		10.80	10.80
0+90	45.00		45.00		12.15	12.15
1+00	45.00		45.00		13.50	13.50
1+10	45.00		45.00		14.85	14.85
1+20	45.00		45.00		16.20	16.20
1+30	45.00		45.00		17.55	17.55
1+40	45.00		45.00		18.90	18.90
1+50	45.00		45.00		20.25	20.25
1+60	45.00		45.00		21.60	21.60
1+70	45.00		45.00		22.95	22.95
1+80	45.00		45.00		24.30	24.30
1+90	45.00		45.00		25.65	25.65
2+00	45.00		45.00		27.00	27.00
2+10	45.00		45.00		28.35	28.35
2+20	45.00		45.00		29.70	29.70
2+30	45.00		45.00		31.05	31.05
2+40	45.00		45.00		32.40	32.40
2+50	45.00		45.00		33.75	33.75
2+60	45.00		45.00		35.10	35.10
2+70	45.00		45.00		36.45	36.45
2+80	45.00		45.00		37.80	37.80
2+90	45.00		45.00		39.15	39.15
3+00	45.00		45.00		40.50	40.50
3+10	45.00		45.00		41.85	41.85
3+20	45.00		45.00		43.20	43.20
3+30	45.00		45.00		44.55	44.55
3+40	45.00		45.00		45.90	45.90
3+50	45.00		45.00		47.25	47.25
3+60	45.00		45.00		48.60	48.60
3+70	45.00		45.00		49.95	49.95
3+80	45.00		45.00		51.30	51.30
3+90	45.00		45.00		52.65	52.65
4+00	45.00		45.00		54.00	54.00
4+10	45.00		45.00		55.35	55.35
4+20	45.00		45.00		56.70	56.70
4+30	45.00		45.00		58.05	58.05
4+40	45.00		45.00		59.40	59.40
4+50	45.00		45.00		60.75	60.75
4+60	45.00		45.00		62.10	62.10
4+70	45.00		45.00		63.45	63.45
4+80	45.00		45.00		64.80	64.80
4+90	45.00		45.00		66.15	66.15
5+00	45.00		45.00		67.50	67.50
5+10	45.00		45.00		68.85	68.85
5+20	45.00		45.00		70.20	70.20
5+30	45.00		45.00		71.55	71.55
5+40	45.00		45.00		72.90	72.90
5+50	45.00		45.00		74.25	74.25
5+60	45.00		45.00		75.60	75.60
5+70	45.00		45.00		76.95	76.95
5+80	45.00		45.00		78.30	78.30
5+90	45.00		45.00		79.65	79.65
6+00	45.00		45.00		81.00	81.00
6+10	45.00		45.00		82.35	82.35
6+20	45.00		45.00		83.70	83.70
6+30	45.00		45.00		85.05	85.05
6+40	45.00		45.00		86.40	86.40
6+50	45.00		45.00		87.75	87.75
6+60	45.00		45.00		89.10	89.10
6+70	45.00		45.00		90.45	90.45
6+80	45.00		45.00		91.80	91.80
6+90	45.00		45.00		93.15	93.15
7+00	45.00		45.00		94.50	94.50
7+10	45.00		45.00		95.85	95.85
7+20	45.00		45.00		97.20	97.20
7+30	45.00		45.00		98.55	98.55
7+40	45.00		45.00		99.90	99.90
7+50	45.00		45.00		101.25	101.25
7+60	45.00		45.00		102.60	102.60
7+70	45.00		45.00		103.95	103.95
7+80	45.00		45.00		105.30	105.30
7+90	45.00		45.00		106.65	106.65
8+00	45.00		45.00		108.00	108.00
8+10	45.00		45.00		109.35	109.35
8+20	45.00		45.00		110.70	110.70
8+30	45.00		45.00		112.05	112.05
8+40	45.00		45.00		113.40	113.40
8+50	45.00		45.00		114.75	114.75
8+60	45.00		45.00		116.10	116.10
8+70	45.00		45.00		117.45	117.45
8+80	45.00		45.00		118.80	118.80
8+90	45.00		45.00		120.15	120.15
9+00	45.00		45.00		121.50	121.50
9+10	45.00		45.00		122.85	122.85
9+20	45.00		45.00		124.20	124.20
9+30	45.00		45.00		125.55	125.55
9+40	45.00		45.00		126.90	126.90
9+50	45.00		45.00		128.25	128.25
9+60	45.00		45.00		129.60	129.60
9+70	45.00		45.00		130.95	130.95
9+80	45.00		45.00		132.30	132.30
9+90	45.00		45.00		133.65	133.65
10+00	45.00		45.00		135.00	135.00

INTERNATIONAL COOPERATION AGENCY (ICA)
 STUDY ON RECONSTRUCTION OF HIGH INFRASTRUCTURE
 TUNNEL FOR RURAL DEVELOPMENT IN THAILAND

Scale: 1" = 35.00'

Stationing: 0+00 to 10+00

Top Bund Level: 45.00

Rvtment: (Blank)

Top Bund Level: (Blank)

Rvtment: (Blank)

Accumulate Distance: (Blank)

Distance: (Blank)

Station: (Blank)

CURVE: (Blank)

1000



1000

1000

1000



1000

1000

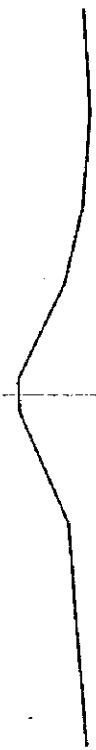
1000



1000

1000

1000



1000

1000



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Polemikam Tank Madduram Tank CROSS SECTION OF TANK	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Title or Drawing	
		Scale : 1 : 100	Drawing No. : 2-41/1
		Checked by : _____	Drawn by : _____
		Approved by : _____	Approved by : _____

Water Level

Water Level



Water Level

Water Level

Water Level



Water Level

Water Level

Water Level



Water Level

Water Level

Water Level

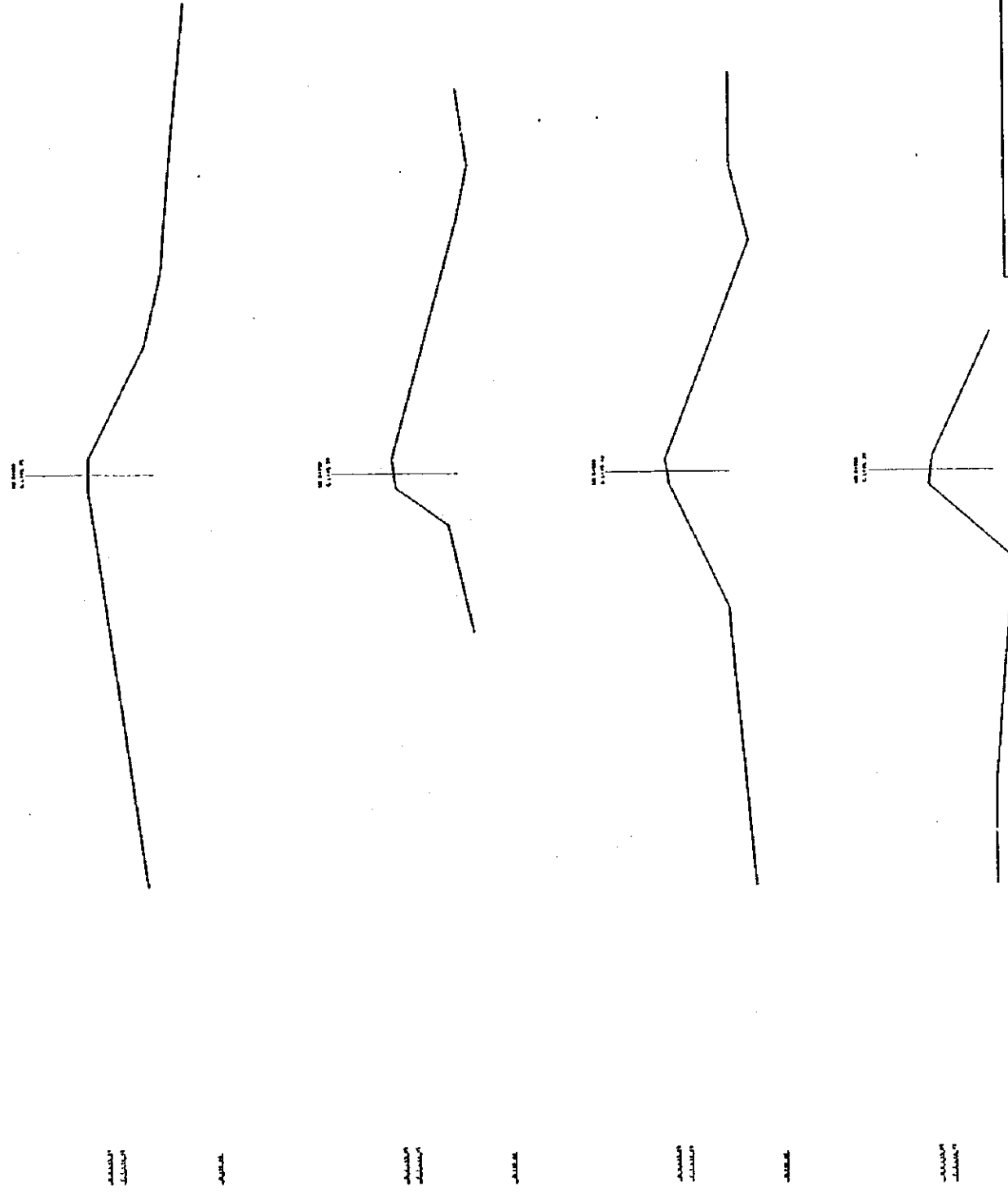


Water Level

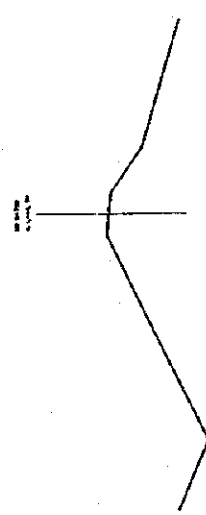
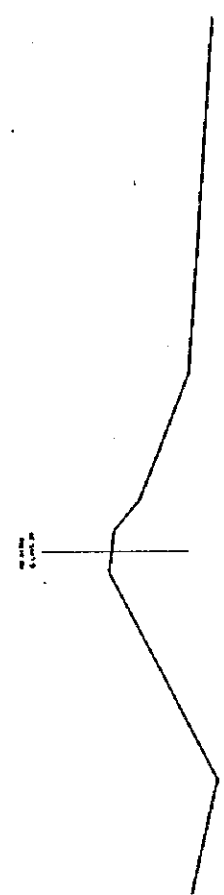
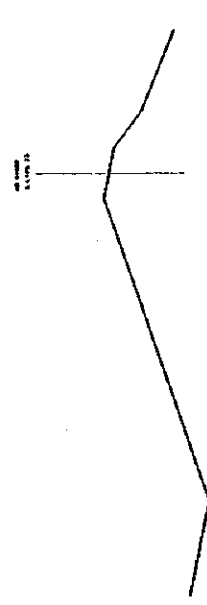
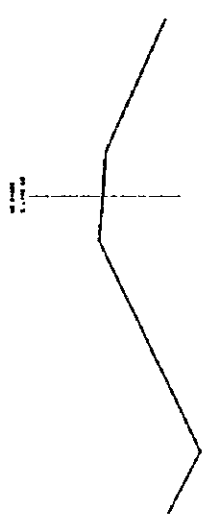


JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Palanichikam Tank Madurai Taluk Creeg Sections of Bund	
Year of Design	Scale	Drawing No	Revised by
	1 : 100	15 - 4 (2/5)	
Supervised by	Checked by	Printed by	Approved by

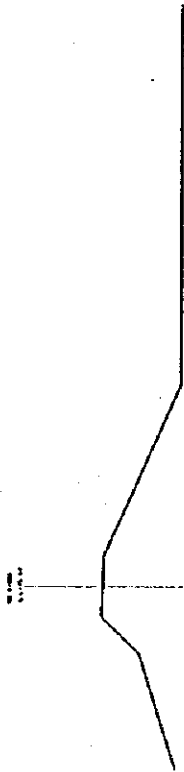
STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Design Polembakkam Tank Madurattalam Taluk Cross Sections of Bund
Scale : 1 : 100	Sheet No. : 5 - 6(3/5)	Prepared by : [Signature] Checked by : [Signature]
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Sheets Polambakam Tank Medurenakam Tank Cross Sections of Bend
Scale : 1 : 100	Drawing No : 2 - 1 (4/0)	Checked by : Drawn by : Approved by :
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		



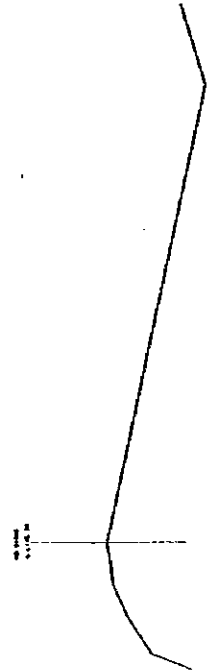
PLAN

PLAN



PLAN

PLAN



PLAN

PLAN



PLAN

PLAN



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Polombakkam Tank Medurantalakam Taluk Cross Sections of Bund	
Scale :	1 : 100	Drawn by :	S-415/CJ
Checked by :		Approved by :	

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Water Level

Water Level

Water Level

Water Level

Water Level

Water Level

Water Level

Water Level

Water Level

Water Level

Water Level

Water Level



JAPAN INTERNATIONAL COOPERATION AGENCY
JICA

Polamakkam Tank
Medurakkam Taluk
Cross Sections of Bund

Title of Drawing
Scale : 1 : 100
Drawing No : 5-4-17/5/

Checked by : _____
Approved by : _____

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU



Figure 1

Figure 2



Figure 3

Figure 4

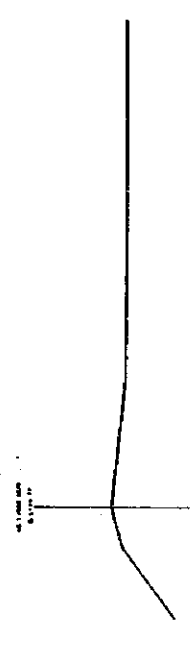


Figure 5

Figure 6

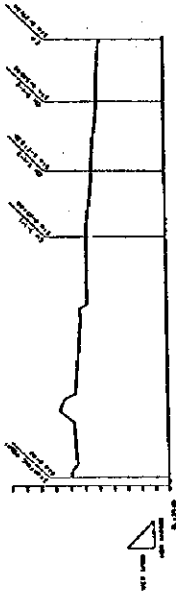


JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Polembakkem Tank Madurantokem Taluk Cress Sections of Bund	
Title of Drawing		Scale : 1 : 100	
Drawn by		Checked by	
Designed by		Reviewed by	
Date		Date	

STUDY ON REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU



CHANNEL-1 (-391.00)



CHANNEL-1-1 (-382.00)



CHANNEL-1-2 (-384.00)



CHANNEL NO.	1
LENGTH (M)	100
AREA (SQ. M)	100
VOLUME (CU. M)	100
TOP OF CHANNEL LEFT BANK (M)	391.00
TOP OF CHANNEL RIGHT BANK (M)	391.00
CHANNEL BOTTOM (M)	389.00
CHANNEL WIDTH (M)	1.00
CHANNEL DEPTH (M)	2.00
CHANNEL SLOPE (H:V)	1:1
CHANNEL TYPE	TRAPEZOIDAL
CHANNEL MATERIAL	CONCRETE
CHANNEL CONDITION	GOOD
CHANNEL USE	IRRIGATION

CHANNEL NO.	1-1
LENGTH (M)	100
AREA (SQ. M)	100
VOLUME (CU. M)	100
TOP OF CHANNEL LEFT BANK (M)	382.00
TOP OF CHANNEL RIGHT BANK (M)	382.00
CHANNEL BOTTOM (M)	380.00
CHANNEL WIDTH (M)	1.00
CHANNEL DEPTH (M)	2.00
CHANNEL SLOPE (H:V)	1:1
CHANNEL TYPE	TRAPEZOIDAL
CHANNEL MATERIAL	CONCRETE
CHANNEL CONDITION	GOOD
CHANNEL USE	IRRIGATION

CHANNEL NO.	1-2
LENGTH (M)	100
AREA (SQ. M)	100
VOLUME (CU. M)	100
TOP OF CHANNEL LEFT BANK (M)	384.00
TOP OF CHANNEL RIGHT BANK (M)	384.00
CHANNEL BOTTOM (M)	382.00
CHANNEL WIDTH (M)	1.00
CHANNEL DEPTH (M)	2.00
CHANNEL SLOPE (H:V)	1:1
CHANNEL TYPE	TRAPEZOIDAL
CHANNEL MATERIAL	CONCRETE
CHANNEL CONDITION	GOOD
CHANNEL USE	IRRIGATION

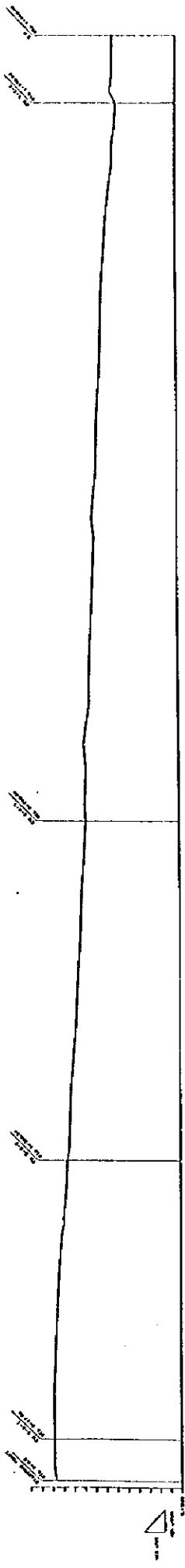


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

Potambasen Tank, Madurambas Taluk
Longitudinal Section of Irrigation Channels

Drawn by: []
Checked by: []
Scale: 1:100
Date: []

CHANNEL 3-2 (+1653.40)



Stationing (m)	Channel Bed Elevation (m)	Channel Bank Elevation (m)	Channel Width (m)	Channel Depth (m)	Channel Slope (1:V)	Channel Slope (H:V)	Channel Slope (S)	Channel Slope (D)	Channel Slope (P)	Channel Slope (Q)	Channel Slope (R)	Channel Slope (T)	Channel Slope (U)	Channel Slope (V)	Channel Slope (W)	Channel Slope (X)	Channel Slope (Y)	Channel Slope (Z)	
0+00	1653.40	1654.00	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
10+00	1653.45	1654.05	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
20+00	1653.50	1654.10	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
30+00	1653.55	1654.15	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
40+00	1653.60	1654.20	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
50+00	1653.65	1654.25	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
60+00	1653.70	1654.30	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
70+00	1653.75	1654.35	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
80+00	1653.80	1654.40	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
90+00	1653.85	1654.45	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
100+00	1653.90	1654.50	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
110+00	1653.95	1654.55	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
120+00	1654.00	1654.60	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
130+00	1654.05	1654.65	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
140+00	1654.10	1654.70	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
150+00	1654.15	1654.75	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
160+00	1654.20	1654.80	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
170+00	1654.25	1654.85	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
180+00	1654.30	1654.90	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
190+00	1654.35	1654.95	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00
200+00	1654.40	1655.00	10.00	0.60	1:1.67	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00	1.67	60.00



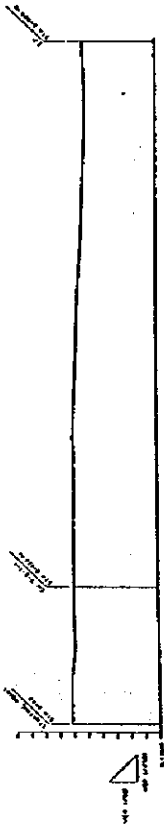
Potansakon Town, Huesonakakon Talok
 Longitudinal Section of Irrigation Channels

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

STUDY: REHABILITATION OF MINOR IRRIGATION
 TOWN: RURAL DEVELOPMENT IN TANG HUBU

Year of Drawing: _____
 Scale: _____
 Drawing No.: _____
 Sheet No.: _____

CHANNEL 2-1 (+609.40)



CHANNEL NO.	
CHANN. TYPE	
CHANN. WIDTH AT TOP	
CHANN. WIDTH AT BOTTOM	
CHANN. SLOPE	
CHANN. LENGTH	
CHANN. AREA	
CHANN. PERIMETER	
CHANN. VOLUME	
CHANN. CAPACITY	
CHANN. EFFICIENCY	
CHANN. COST	
CHANN. MAINTENANCE	
CHANN. LIFE	

CHANNEL 2-2 (+502.40)



CHANNEL NO.	
CHANN. TYPE	
CHANN. WIDTH AT TOP	
CHANN. WIDTH AT BOTTOM	
CHANN. SLOPE	
CHANN. LENGTH	
CHANN. AREA	
CHANN. PERIMETER	
CHANN. VOLUME	
CHANN. CAPACITY	
CHANN. EFFICIENCY	
CHANN. COST	
CHANN. MAINTENANCE	
CHANN. LIFE	

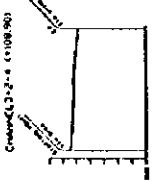


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

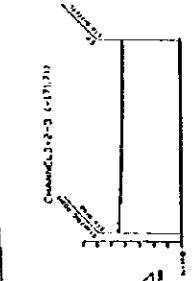
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Year of Survey: _____
 Title of Survey: _____
 Scale: _____
 Date of Survey: _____
 Surveyed by: _____
 Checked by: _____
 Drawn by: _____
 Date of Drawing: _____

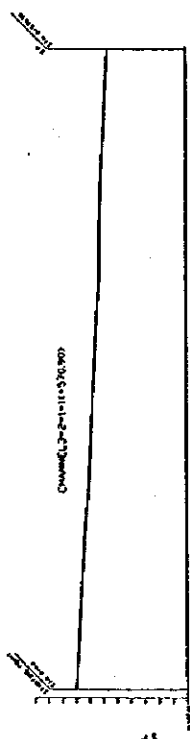
Potential Tank, Madhavaram Taluk
 Longitudinal Section of Irrigation Channels



Channel No.	
Length (m)	
Bottom width (m)	
Top width (m)	
Height of left bank (m)	
Height of right bank (m)	
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2



Channel No.	
Length (m)	
Bottom width (m)	
Top width (m)	
Height of left bank (m)	
Height of right bank (m)	
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2



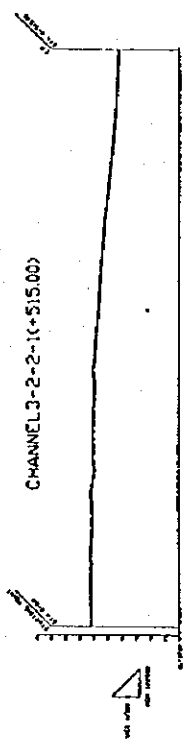
Channel No.	
Length (m)	
Bottom width (m)	
Top width (m)	
Height of left bank (m)	
Height of right bank (m)	
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2
Number of concrete blocks (m ²)	2 2 2 2 2



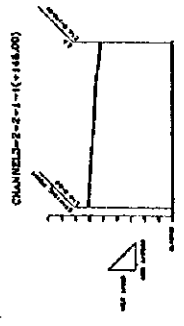
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

STUDY FOR REHABILITATION OF MINOR IRRIGATION
TANKS FOR RURAL DEVELOPMENT IN TANJIL MADU

Title of Project	Ponakanen Tank, Madunantakan Tasek
Location	Longitudinal Section of Irrigation Channel
Scale	1:1000
Drawn by	Dr. S. S. S. S. S.
Checked by	Dr. S. S. S. S. S.



Channel No.	3-2-2-1
Channel Length (m)	100
Channel Width (m)	1.00
Top Width (m)	1.50
Left Bank Slope	1:1
Right Bank Slope	1:1
Channel Bed Slope	0.00
Channel Discharge (m³/s)	100
Channel Velocity (m/s)	1.00
Channel Capacity (m³/s)	100
Channel Status	Under Construction



Channel No.	2-2-1
Channel Length (m)	100
Channel Width (m)	1.00
Top Width (m)	1.50
Left Bank Slope	1:1
Right Bank Slope	1:1
Channel Bed Slope	0.00
Channel Discharge (m³/s)	100
Channel Velocity (m/s)	1.00
Channel Capacity (m³/s)	100
Channel Status	Under Construction



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

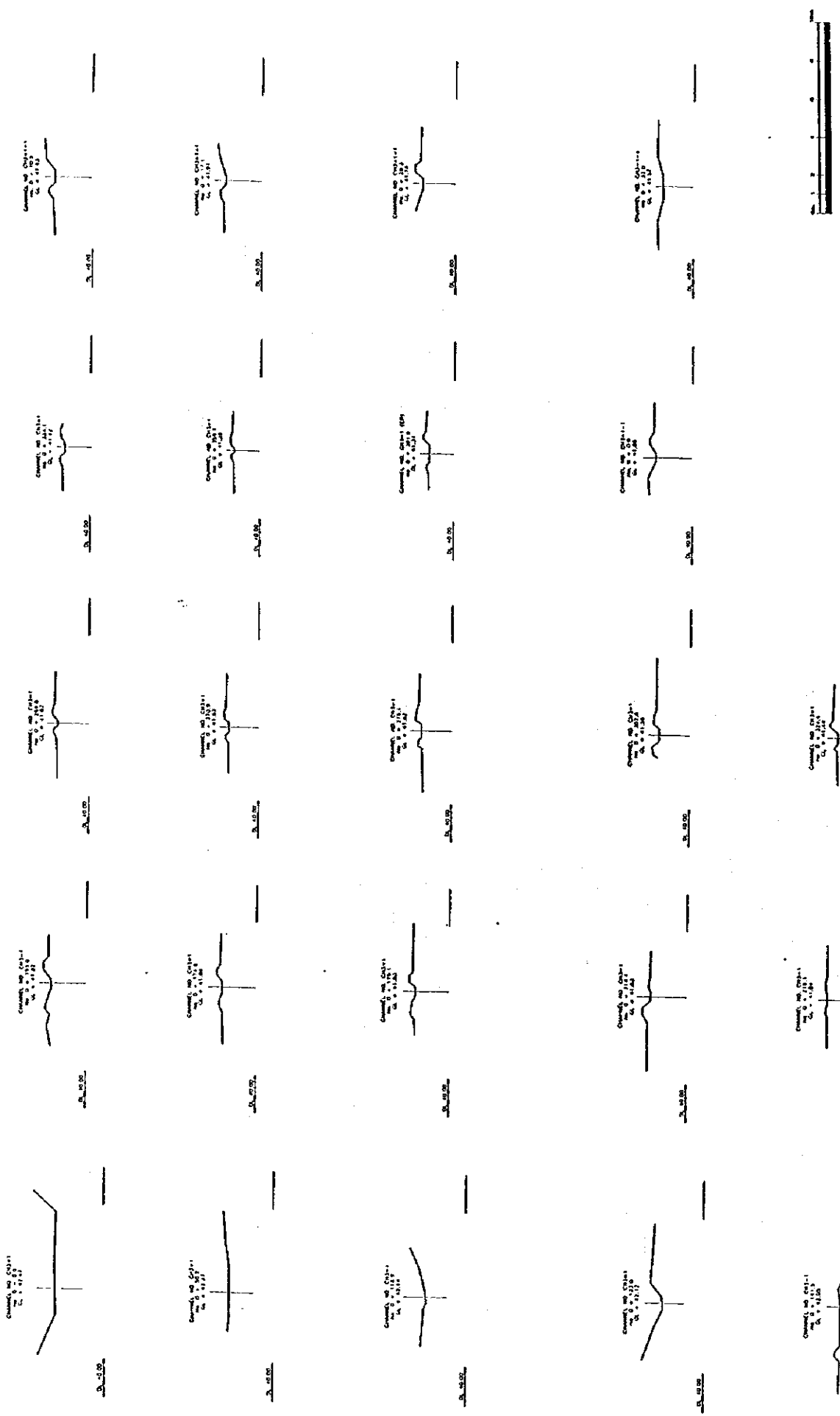
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Title of Survey: Palanbakkam Tank, Madhavakkal Taluk, Longitudinal Section of Irrigation Channels

Scale: 1 cm = 10 m

Drawing No.: 2-5 (Sheet 2/3)

Date: 20/10/2000



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Palamkottam Tank, Madurai District, Tamil Nadu Cross Sections of Irrigation Channel	
Title of Drawing:		Scale: 1 : 100	
Date:		Drawing No.: 2-5 (Sheet 1/9)	
Prepared by:		Checked by:	
Drawn by:		Approved by:	

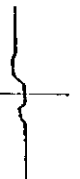


Channel No. C21-1-1
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-1-2
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-1-3
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-1-4
 Sta. 1+00.00
 1:100



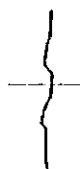
0.00

Channel No. C21-1-5
 Sta. 1+00.00
 1:100



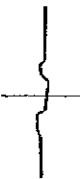
0.00

Channel No. C21-2-1
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-2-2
 Sta. 1+00.00
 1:100



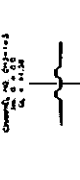
0.00

Channel No. C21-2-3
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-2-4
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-2-5
 Sta. 1+00.00
 1:100



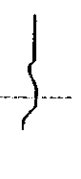
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Channel No. C21-3-1
 Sta. 1+00.00
 1:100



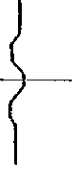
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Channel No. C21-3-2
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-3-3
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-3-4
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-3-5
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-4-1
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-4-2
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-4-3
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-4-4
 Sta. 1+00.00
 1:100



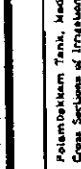
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Channel No. C21-4-5
 Sta. 1+00.00
 1:100



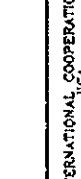
0.00

Channel No. C21-5-1
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-5-2
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-5-3
 Sta. 1+00.00
 1:100



0.00

Channel No. C21-5-4
 Sta. 1+00.00
 1:100



0.00

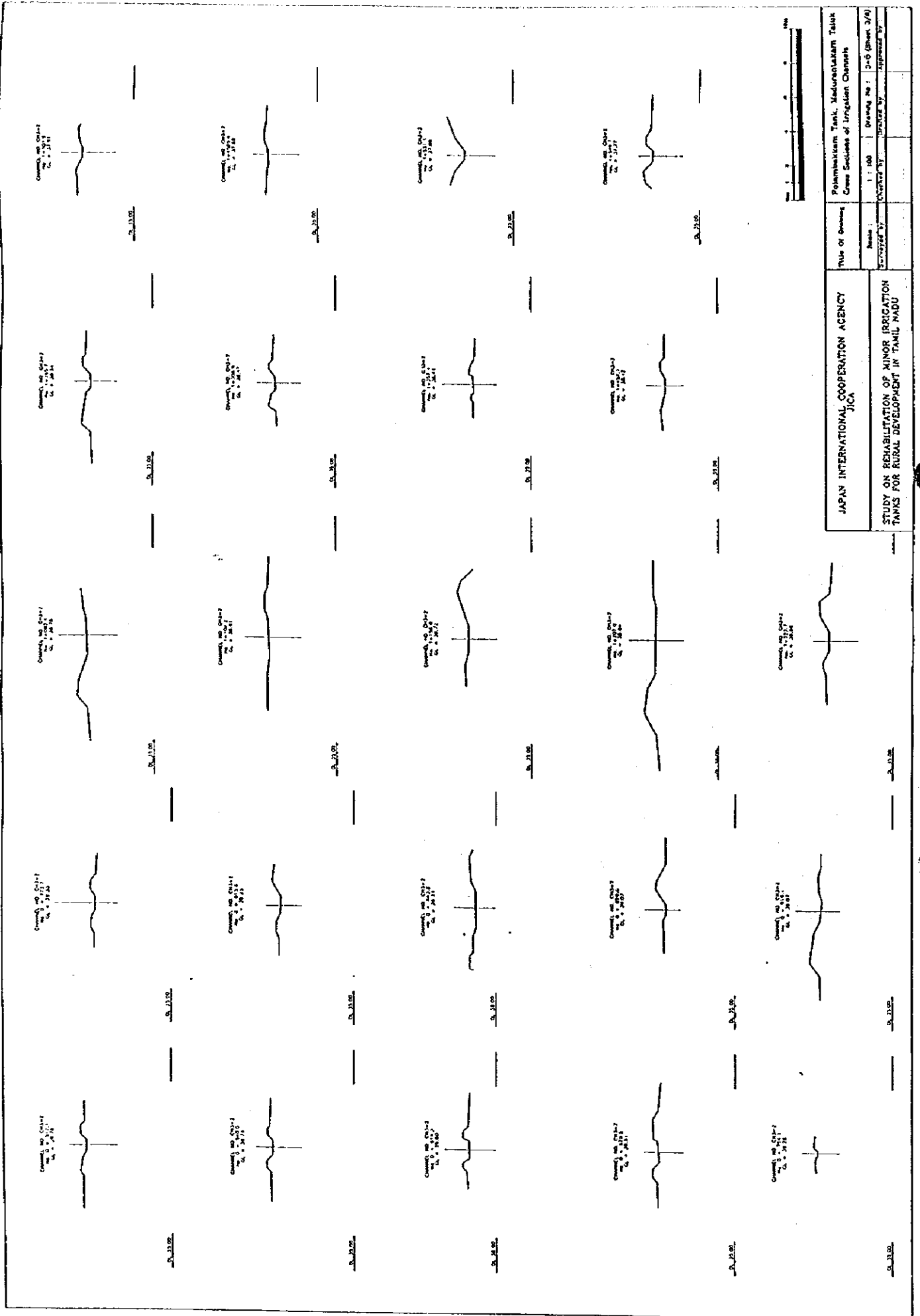
Channel No. C21-5-5
 Sta. 1+00.00
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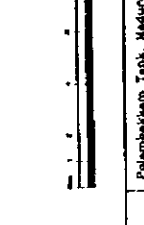
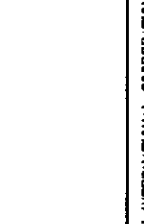
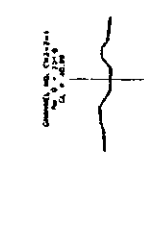
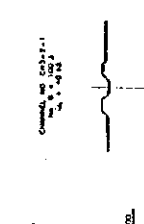
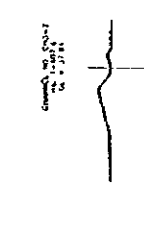
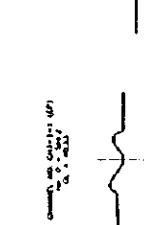
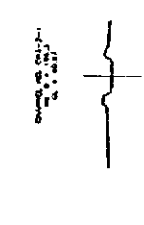
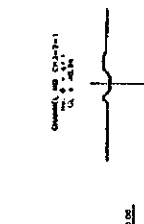
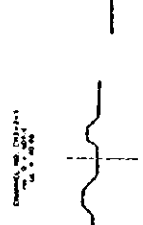
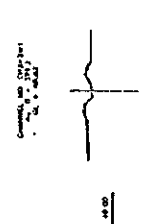
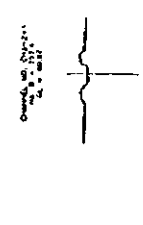
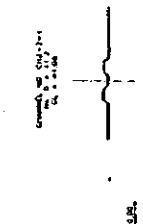
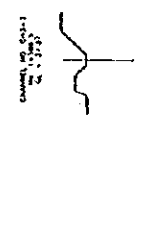
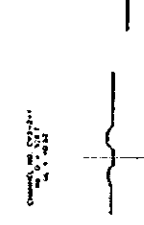
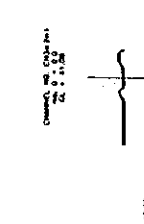
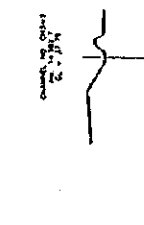
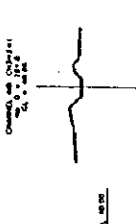
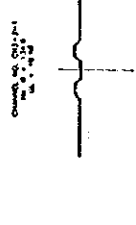
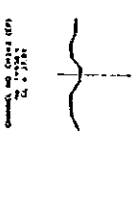
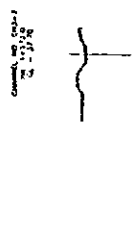
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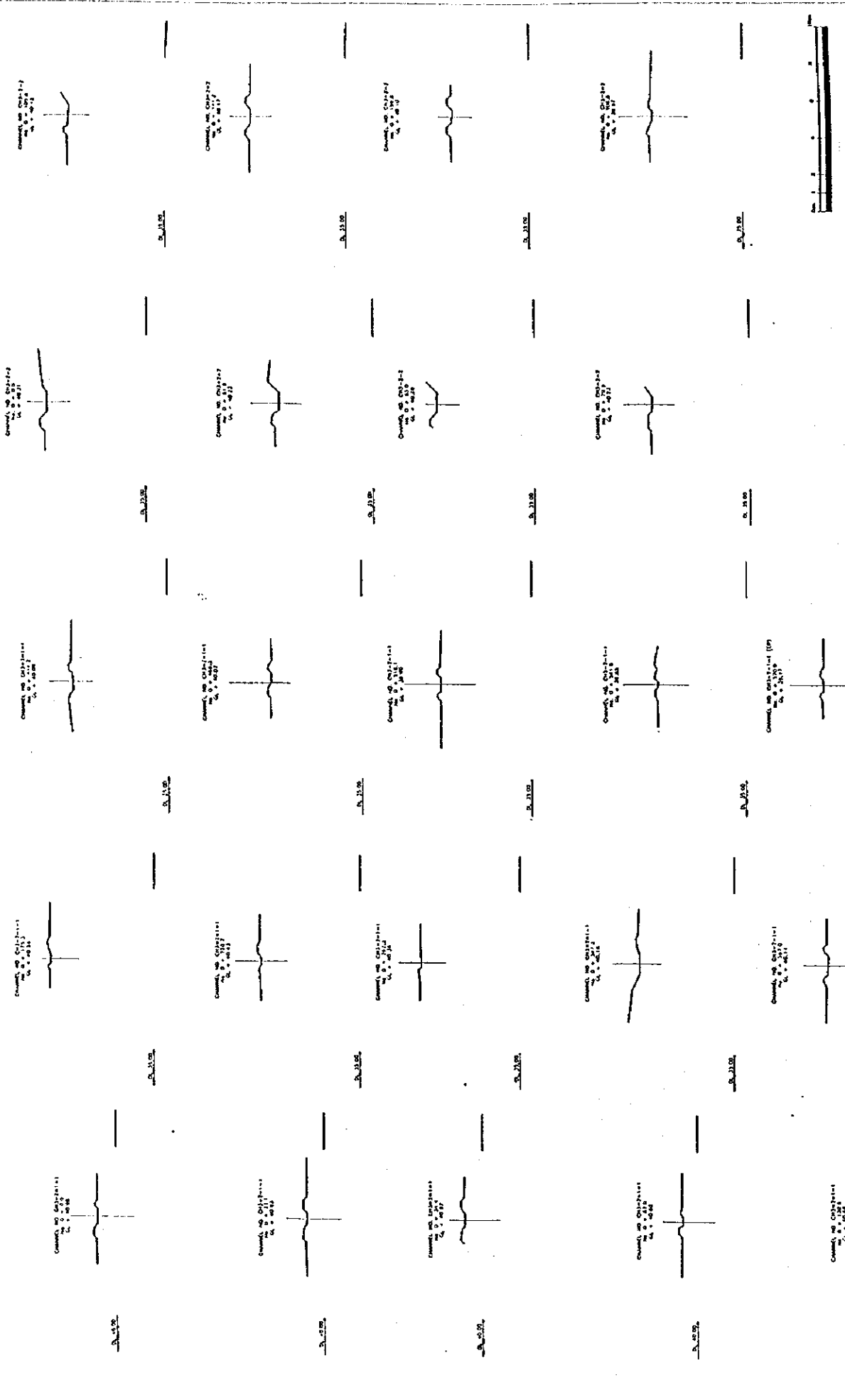
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Title or Project		Scale: 1 : 100	
Drawing No. : 3-6 (Sheet 2/6)		Checked by : _____	
Surveyed by : _____		Approved by : _____	



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Tamil or District Polambakkam Tank, Madurai District Crease Sections of Irrigation Channels	
Made: 1:100	Drawn by: J.S.S. (Sheet 3/4)	Checked by:	Approved by:
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU			



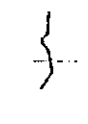
JICA		JAPAN INTERNATIONAL COOPERATION AGENCY	
Title of Drawing		Polambakkam Tank, Madurai District, Tamil Nadu Cross Section of Irrigation Channels	
Scale :	1 : 100	Drawing No. :	3-6 (Sheet 4/9)
Drawn by :		Checked by :	



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Polombakkam Tank, Nedupakkam Tank Cross Sections of Irrigation Channels	
Title of Drawing		Scale : 1 : 100 Drawing No. : 3-2 (Sheet 3/4)	
PROJECT NO.		DRAWN BY	
JICA		DATE	

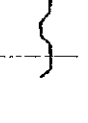
STUDY ON REHABILITATION MINOR OF IRRIGATION
 TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU

Channel No. Q117-1-1
 Date: 1. 10. 83



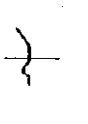
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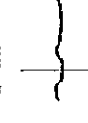
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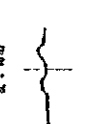
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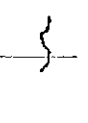
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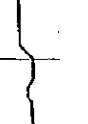
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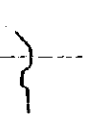
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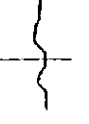
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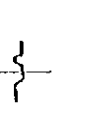
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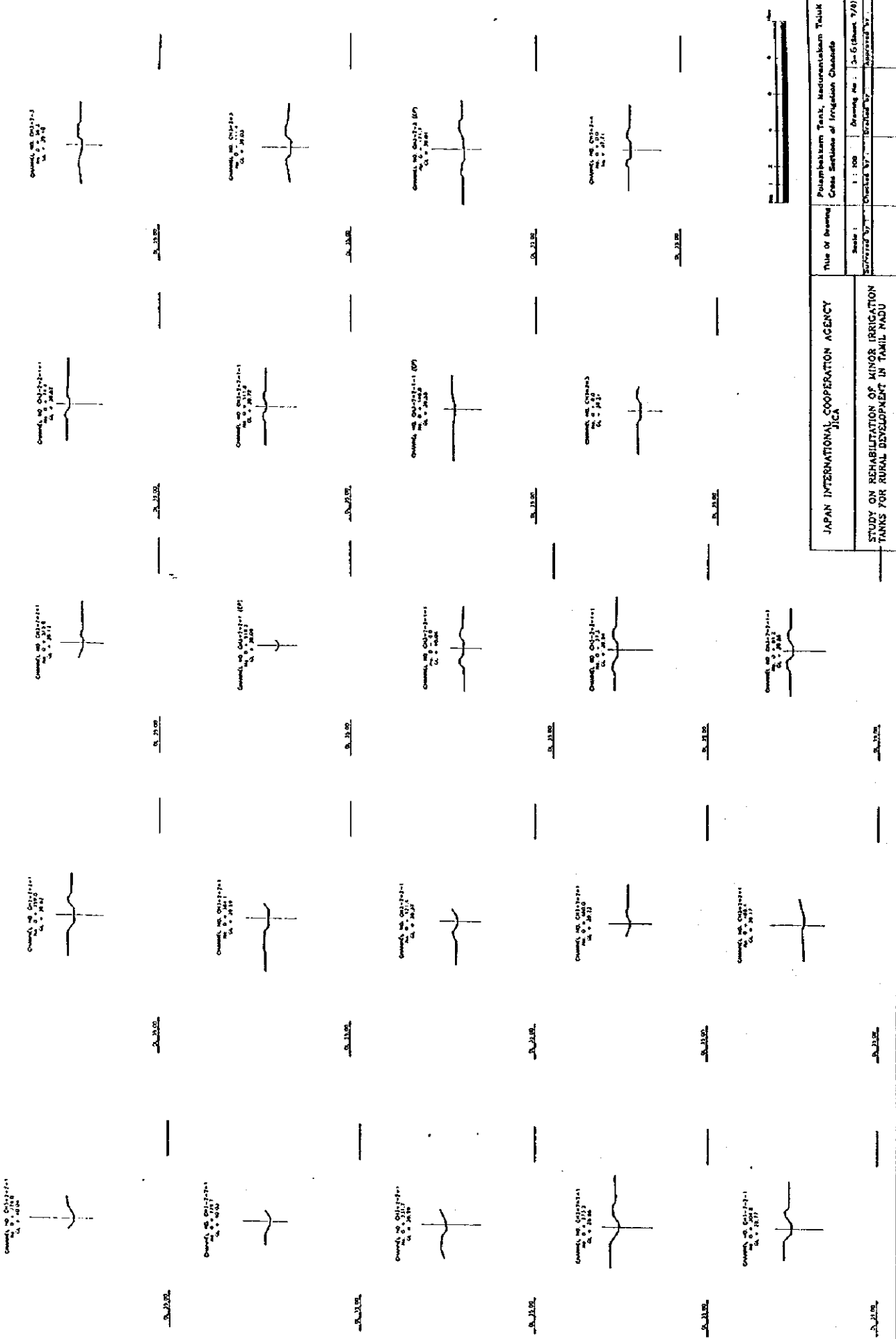
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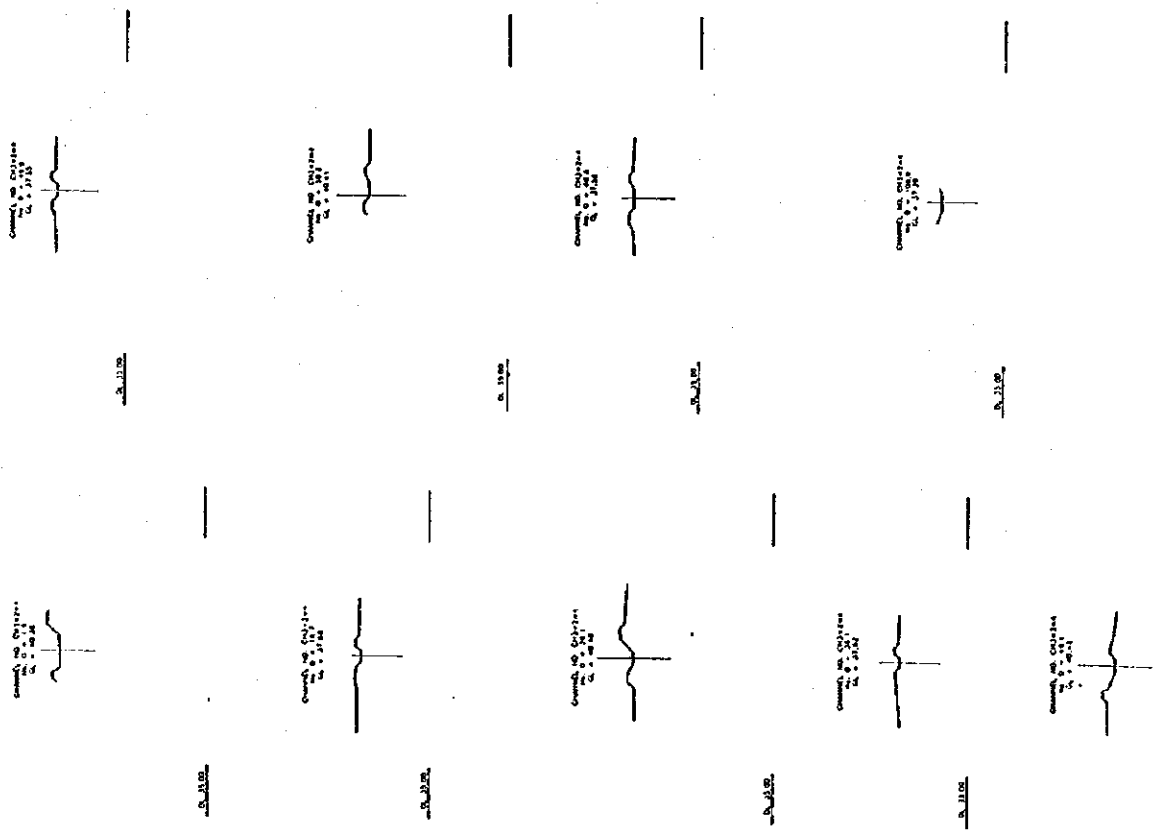
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Title of Drawing		Pembaharuan Tancik, measurements Tancik Cross Sections of Irrigation Channels	
Scale:	1 : 100	Drawing No.:	3-6 (Sheet 4/8)
Checked by:		Checked by:	
JICA		JAPAN INTERNATIONAL COOPERATION AGENCY	
STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU			



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Title of Drawing Polambalam Tank, Madurettakam Taluk Cross Sections of Irrigation Channels
Scale : 1 : 100	Drawing No. : 3-6 (Sheet 7/8)	Checked by : Approved by :



JAPAN INTERNATIONAL COOPERATION AGENCY JICA		Polemikam Tank, Madhavankulam Taluk Cross Section of Irrigation Channel	
Title of Drawing Polemikam Tank		Scale 1 : 100	Drawing No. : 11-5 (Sheet 4/6)
JAPAN INTERNATIONAL COOPERATION AGENCY STUDY ON REHABILITATION OF MINOR IRRIGATION TANKS FOR RURAL DEVELOPMENT IN TAMIL NADU		Checked by [Signature]	Approved by [Signature]