

1.1 Distribution Pipe

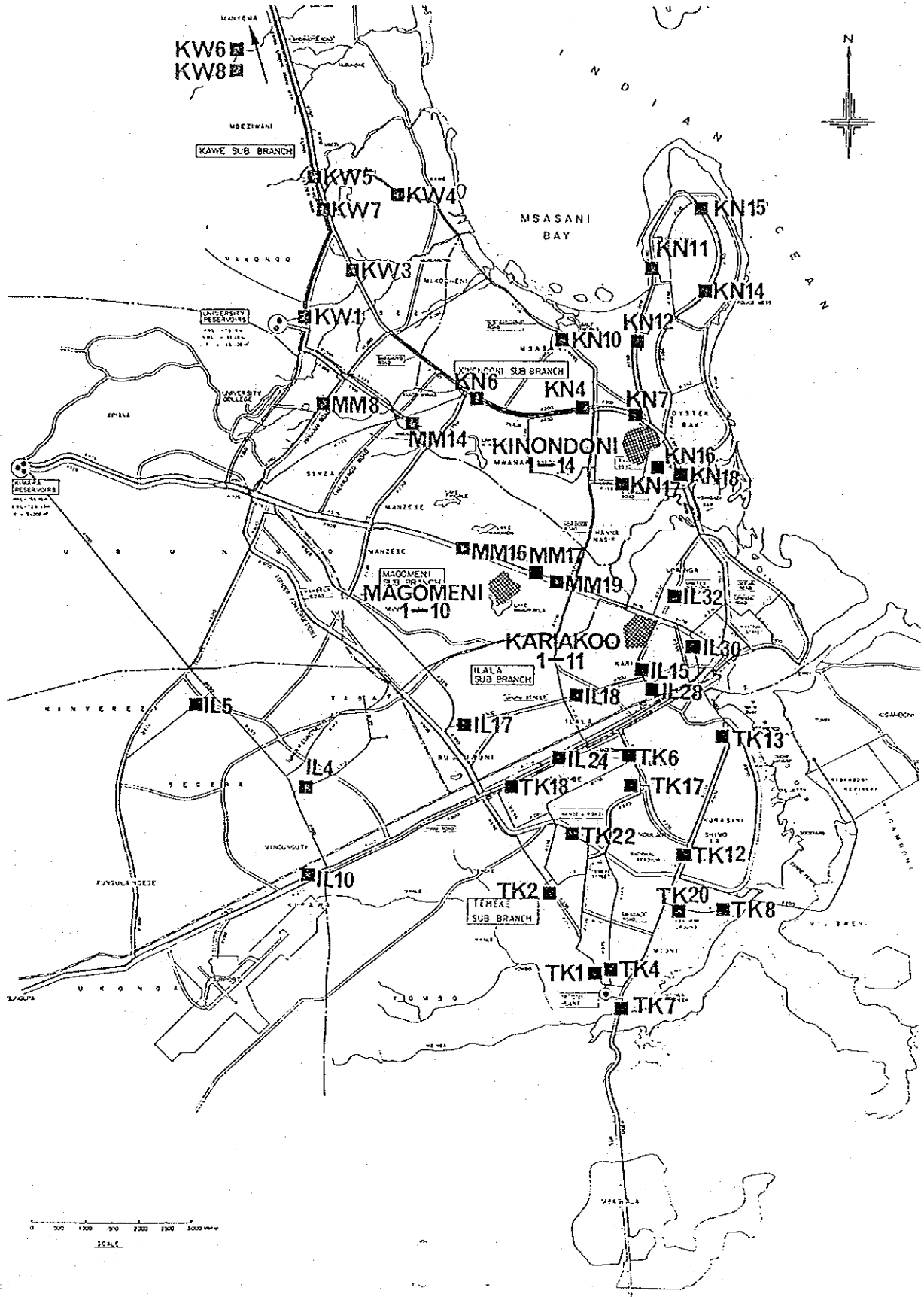


FIG. B.1.1

LOCATION OF PIPE EXTERNAL
CONDITION OBSERVATION

THE STUDY ON REHABILITATION OF DAR ES SALAAM WATER SUPPLY

TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O

KAWA(1/2)

NUMBER OF TRIAL DIGGING	KW 1	KW 2	KW 3	KW 4	KW 5	KW 6	KW 7
DATE TO BE DIGGED OUT	FEB.22	FEB.16	FEB.16	JAN.11	JAN.10	FEB.15	JAN.10
INSIDE DIAMETER (MM)	200	400	150	200	150	150	250
MATERIAL OF PIPE	CIP	S.P.	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	MEC. J.	FLANGE	MEC. J.	MEC. J.	MEC. J.	MEC. J.	COUPLE.
SURFACE CORROSION(AVE.) (MM)	1.0	---	1.0	0.5	0.4	1.2	0.7
YEAR OF INSTALLATION	1965	1954	1954	1960	1960	1950	1965
COVERING DEPTH (M)	0.90	1.50	0.50	0.90	0.50	1.00	1.00
CONDITION FOR WATER LEAKAGE	GOOD	NOT USED	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



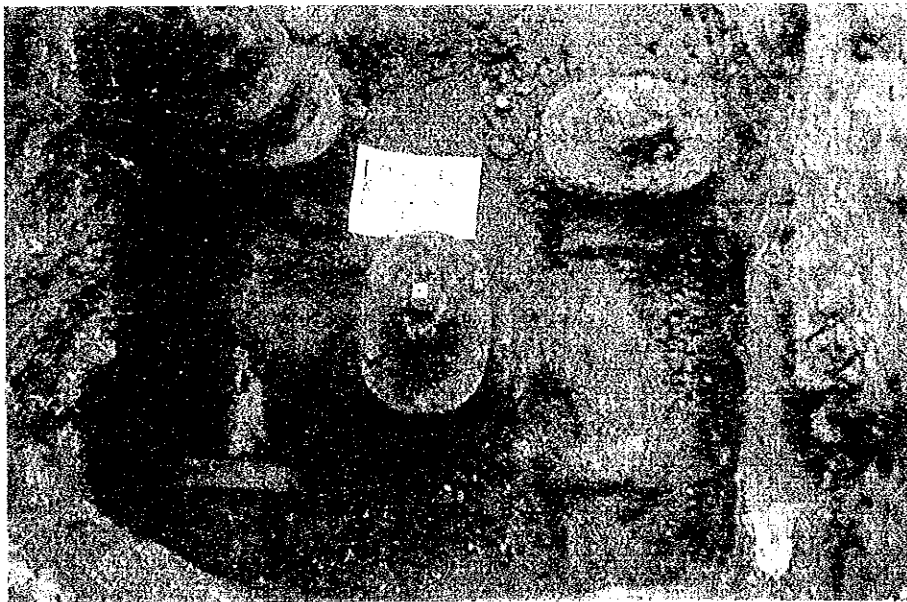
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O

KAWE(2/2)

NUMBER OF TRIAL DIGGING	KW 8						
DATE TO BE DIGGED OUT	FEB. 21						
INSIDE DIAMETER (MM)	200						
MATERIAL OF PIPE	CIP						
TYPE OF CONNECTION	FLANGE						
SURFACE CORROSION(AVE.)(MM)	0.4						
YEAR OF INSTALLATION	1955						
COVERING DEPTH (M)	1.30						
CONDITION FOR WATER LEAKAGE	GOOD						

PHOTOGRAPH



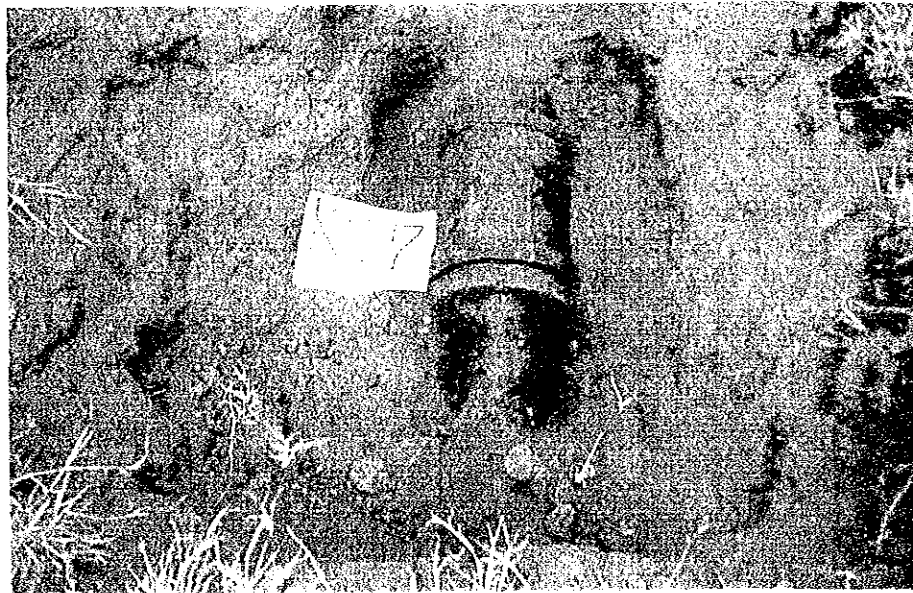
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O.

KINONDONI(1/3)

NUMBER OF TRIAL DIGGING	KI 1	KI 2	KI 4	KI 6	KI 7	KI 8	KI 9
DATE TO BE DIGGED OUT	FEB.12	FEB.12	FEB.9	FEB.9	FEB.8	FEB.12	FEB.12
INSIDE DIAMETER (MM)	1350	1200	200	150	200	525	750
MATERIAL OF PIPE	PCP	PCP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	---	---	MEC. J.	MEC. J.	COLLAR	COUPL.	MEC. J.
SURFACE CORROSION(AVE.) (MM)	---	---	0.6	0.4	0.5	---	---
YEAR OF INSTALLATION	1950	1950	1970	1967	1952	1960	1976
COVERING DEPTH (M)	3.50	3.00	0.80	0.50	0.70	0.40	2.00
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O.

KINONDONI (2/3)

NUMBER OF TRIAL DIGGING	KI 10	KI 11	KI 12	KI 14	KI 15	KI 16	KI 17
DATE TO BE DIGGED OUT	FEB. 9	FEB. 9	FEB. 9	FEB. 9	FEB. 9	FEB. 8	JAN. 26
INSIDE DIAMETER (MM)	150	200	200	150	150	100	150
MATERIAL OF PIPE	CIP	CIP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.
SURFACE CORROSION(AVE.) (MM)	0.7	0.7	1.1	0.3	0.7	0.5	0.3
YEAR OF INSTALLATION	1960	1967	1970	1967	1967	1966	1966
COVERING DEPTH (M)	0.40	0.10	0.40	0.50	0.40	0.70	0.70
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O

KINONDONI (3/3)

NUMBER OF TRIAL DIGGING	KI 18						
DATE TO BE DIGGED OUT	FEB. 16						
INSIDE DIAMETER (MM)	400						
MATERIAL OF PIPE	CIP						
TYPE OF CONNECTION	MEC. J.						
SURFACE CORROSION(AVE.)(MM)	0.3						
YEAR OF INSTALLATION	1970						
COVERING DEPTH (M)	0.50						
CONDITION FOR WATER LEAKAGE	GOOD						

PHOTOGRAPH



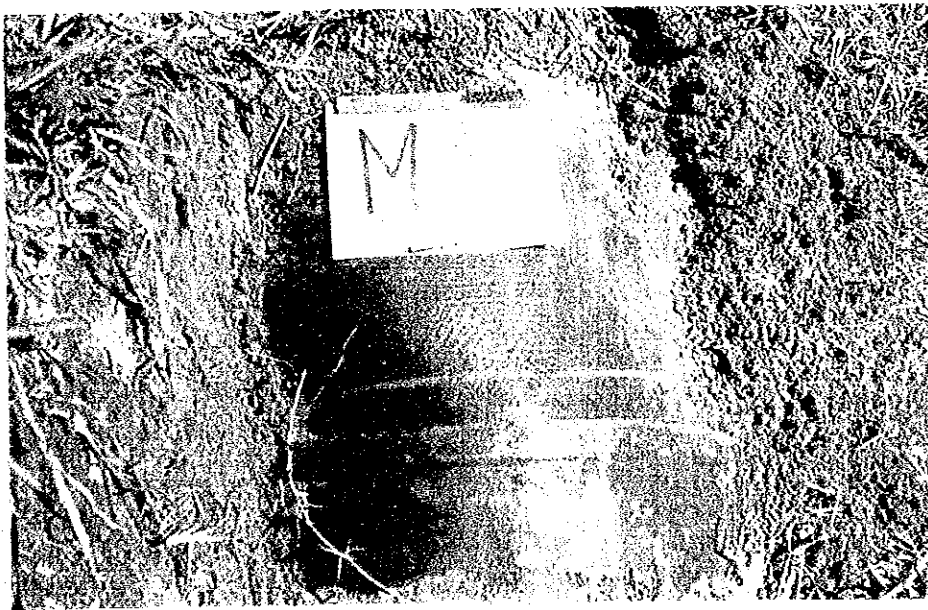
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O

MAGOMENI(1/2)

NUMBER OF TRIAL DIGGING	MN 1	MN 3	MN 5	MN 7	MN 8	MN 9	MN 10
DATE TO BE DIGGED OUT	JAN. 4	JAN. 3	JAN. 3	JAN. 5	FEB. 12	FEB. 23	JAN. 5
INSIDE DIAMETER (MM)	600	525	525	700	750	600	525
MATERIAL OF PIPE	S.P	S.P	S.P	S.P	CIP	S.P	S.P
TYPE OF CONNECTION	WELD.	SLLEVE	SLLEVE	WELD.	MEC. J.	COUPL.	SLLEVE
SURFACE CORROSION(AVE.)(MM)	---	---	---	---	0.2	---	---
YEAR OF INSTALLATION	1965?	1965?	1965?	1965?	1985	1980	1975
COVERING DEPTH (M)	0.50	0.40	0.50	1.30	1.40	0.20	1.20
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



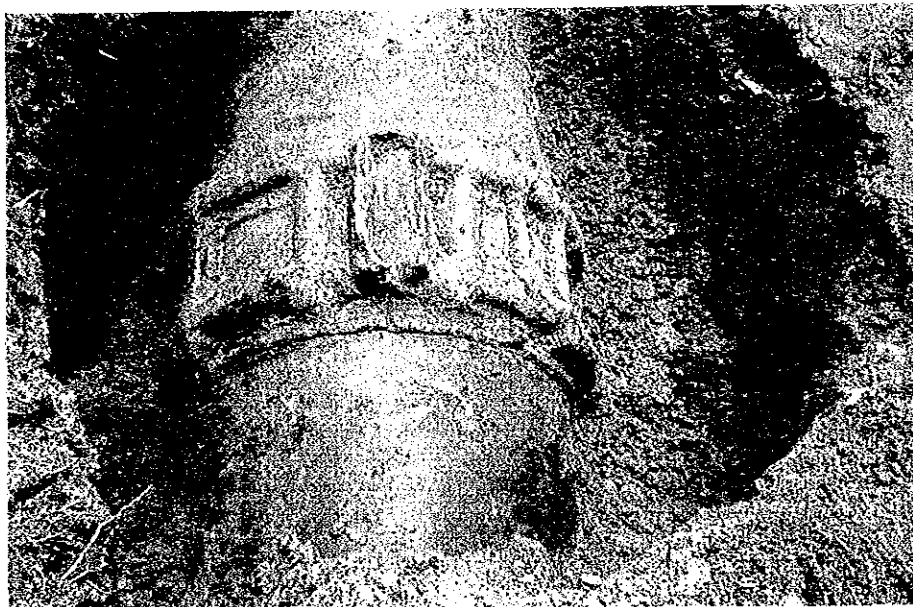
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O

MAGOMENI(2/2)

NUMBER OF TRIAL DIGGING	MN 11	MN 12	MN 14	MN 16	MN 17	MN 18	MN 19
DATE TO BE DIGGED OUT	JAN. 5	FEB. 15	FEB. 15	FEB. 22	JAN. 6	FEB. 21	JAN. 6
INSIDE DIAMETER (MM)	525	525	750	375	200	750	375
MATERIAL OF PIPE	S.P	CIP	CIP	CIP	CIP	CP	DCIP
TYPE OF CONNECTION	SLEEVE	COLLAR	MEC. J.	MEC. J.	MEC. J.	SOCKET	MEC. J.
SURFACE CORROSION(AVE.) (MM)	---	---	0.3	0.8	0.7	---	0.7
YEAR OF INSTALLATION	1975	1965	1985	1980	1980	1970	1970
COVERING DEPTH (M)	0.30	1.20	1.90	0.80	0.70	2.65	1.00
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



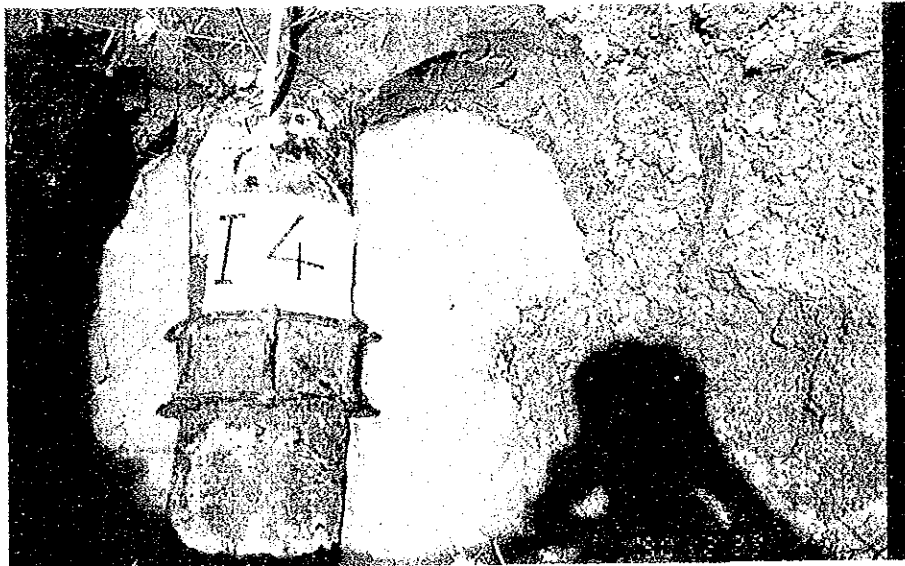
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O.

ILALA(1/2)

NUMBER OF TRIAL DIGGING	IL 3	IL 4	IL 5	IL 7	IL 10	IL 15	IL 17
DATE TO BE DIGGED OUT	JAN. 20	FEB. 22	FEB. 22	JAN. 2	JAN. 20	FEB. 23	JAN. 2
INSIDE DIAMETER (MM)	400	300	300	525	400	200	300
MATERIAL OF PIPE	S.P.	CIP.	CIP	S.P.	CIP	CIP	DCIP
TYPE OF CONNECTION	SLEEVE	COUPL.	MEC. J.	SLEEVE	SOCKET	MEC. J.	SOCKET
SURFACE CORROSION(AVE.) (MM)	---	0.3	0.4	---	3.4	0.8	0.9
YEAR OF INSTALLATION	1955	1967	1967	1965	1965	1965	1970
COVERING DEPTH (M)	0.40	0.70	0.90	0.80	0.50	0.85	1.00
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



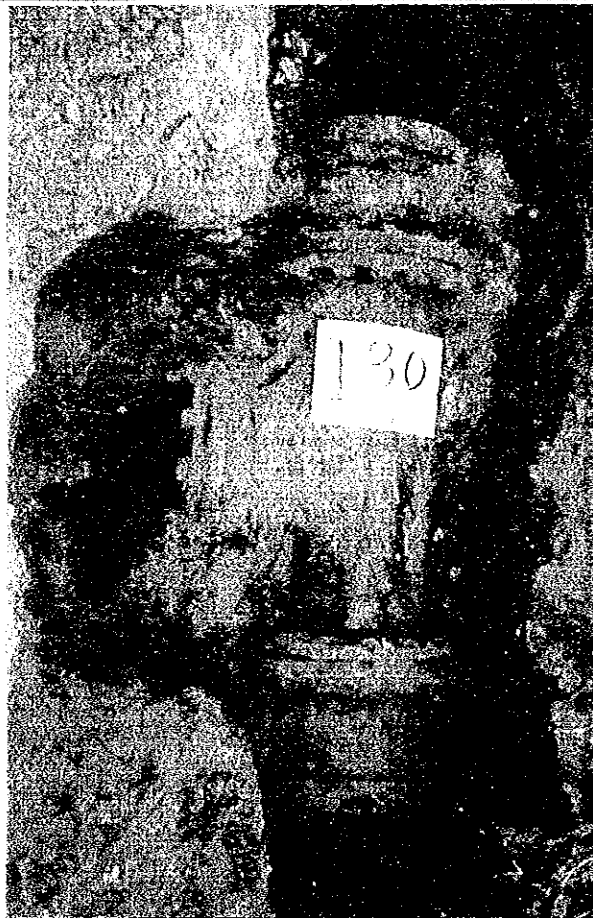
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O.

ILALA(2/2)

NUMBER OF TRIAL DIGGING	IL 18	IL 22	IL 24	IL 28	IL 30	IL 32	IL 36
DATE TO BE DIGGED OUT	JAN. 22	FEB. 21	JAN. 22	FEB. 21	FEB. 21	FEB. 21	FEB. 19
INSIDE DIAMETER (MM)	300	150	150	200	250	250	200
MATERIAL OF PIPE	CIP	CIP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	SOCKET	FLANGE	MEC. J.	SOCKET	MEC. J.	---	MEC. J.
SURFACE CORROSION(AVE.) (MM)	2.1	0.9	0.5	0.7	0.4	1.0	---
YEAR OF INSTALLATION	1965	1965	1965	1965	1979	1960	1950
COVERING DEPTH (M)	1.00	0.70	1.00	0.90	0.70	1.00	1.20
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	BAD

PHOTOGRAPH



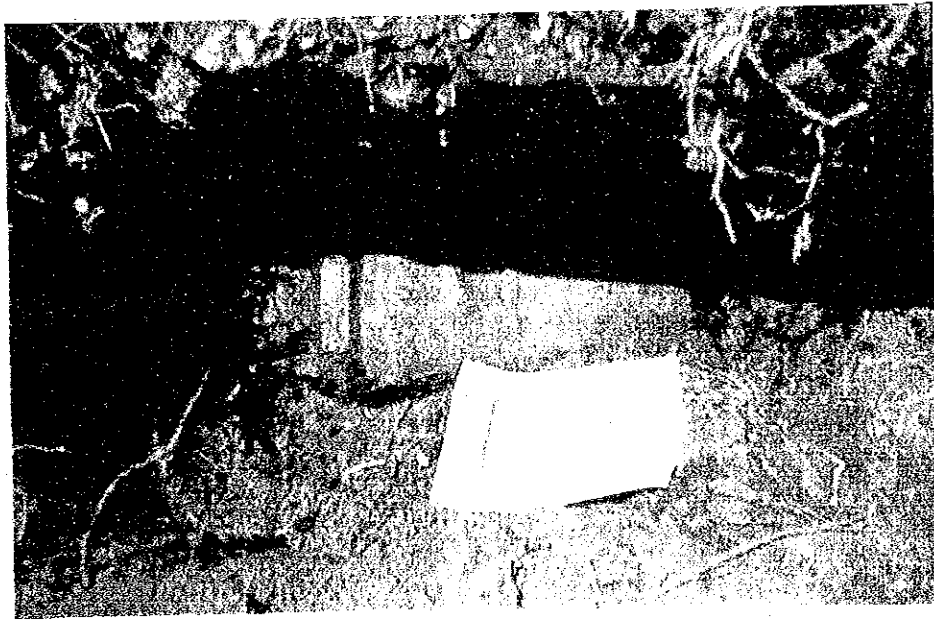
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O

TEMEKE(1/3)

NUMBER OF TRIAL DIGGING	TK 1	TK 2	TK 4	TK 5	TK 6	TK 7	TK 8
DATE TO BE DIGGED OUT	JAN. 15	FEB. 22	JAN. 15	JAN. 23	JAN. 18	JAN. 15	FEB. 23
INSIDE DIAMETER (MM)	350	350	375	450	375	250	250
MATERIAL OF PIPE	DCIP	CIP	CIP	S.P	CIP	CIP	CIP
TYPE OF CONNECTION	FLANGE	MEC. J.	SOCKET	SLEEVE	SOCKET	MEC. J.	MEC. J.
SURFACE CORROSION(AVE.) (MM)	0.4	0.2	1.7	---	0.5	0.4	0.2
YEAR OF INSTALLATION	1960	1951	1950	1955	1955	1955	1953
COVERING DEPTH (M)	1.20	1.40	1.00	1.00	1.30	1.10	0.90
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



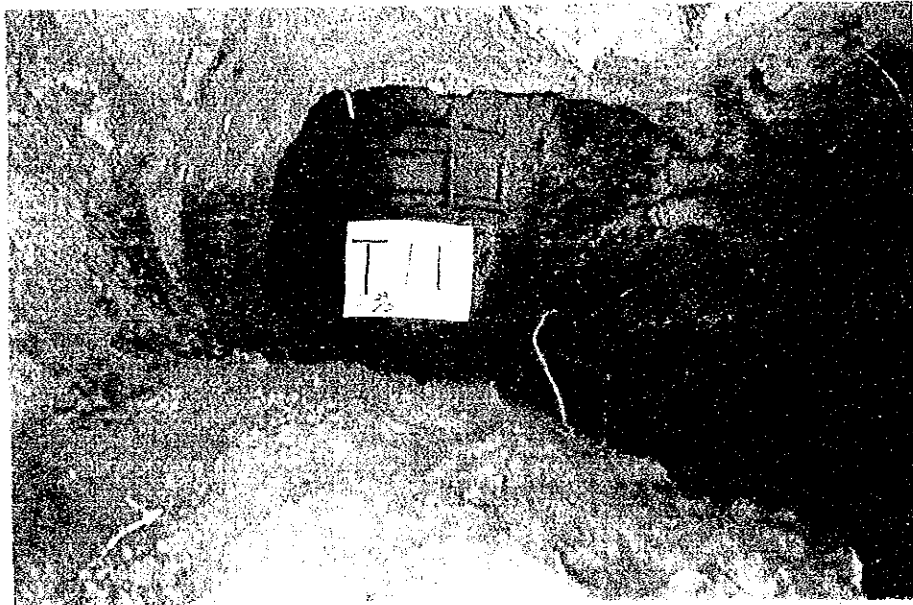
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF S.B.O.

TEMEKE(2/3)

NUMBER OF TRIAL DIGGING	TK 9	TK 11	TK 12	TK 13	TK 17	TK 18	TK 20
DATE TO BE DIGGED OUT	FEB. 23	FEB. 23	FEB. 22	FEB. 23	JAN. 19	JAN. 19	FEB. 22
INSIDE DIAMETER (MM)	200	400	250	200	150	300	250
MATERIAL OF PIPE	CIP	CIP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	WELD.	COUPLE	MEC. J.	MEC. J.	MEC. J.	SOCKET	MEC. J.
SURFACE CORROSION(AVE.)(MM)	---	---	0.2	0.3	1.0	0.5	0.9
YEAR OF INSTALLATION	1960	1974	1951	1953	1960	1960	1960
COVERING DEPTH (M)	0.80	1.60	0.90	0.90	0.50	1.40	0.70
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



TRIAL DIGGING OF DISTRIBUTION PIPES

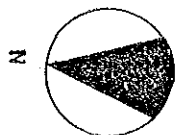
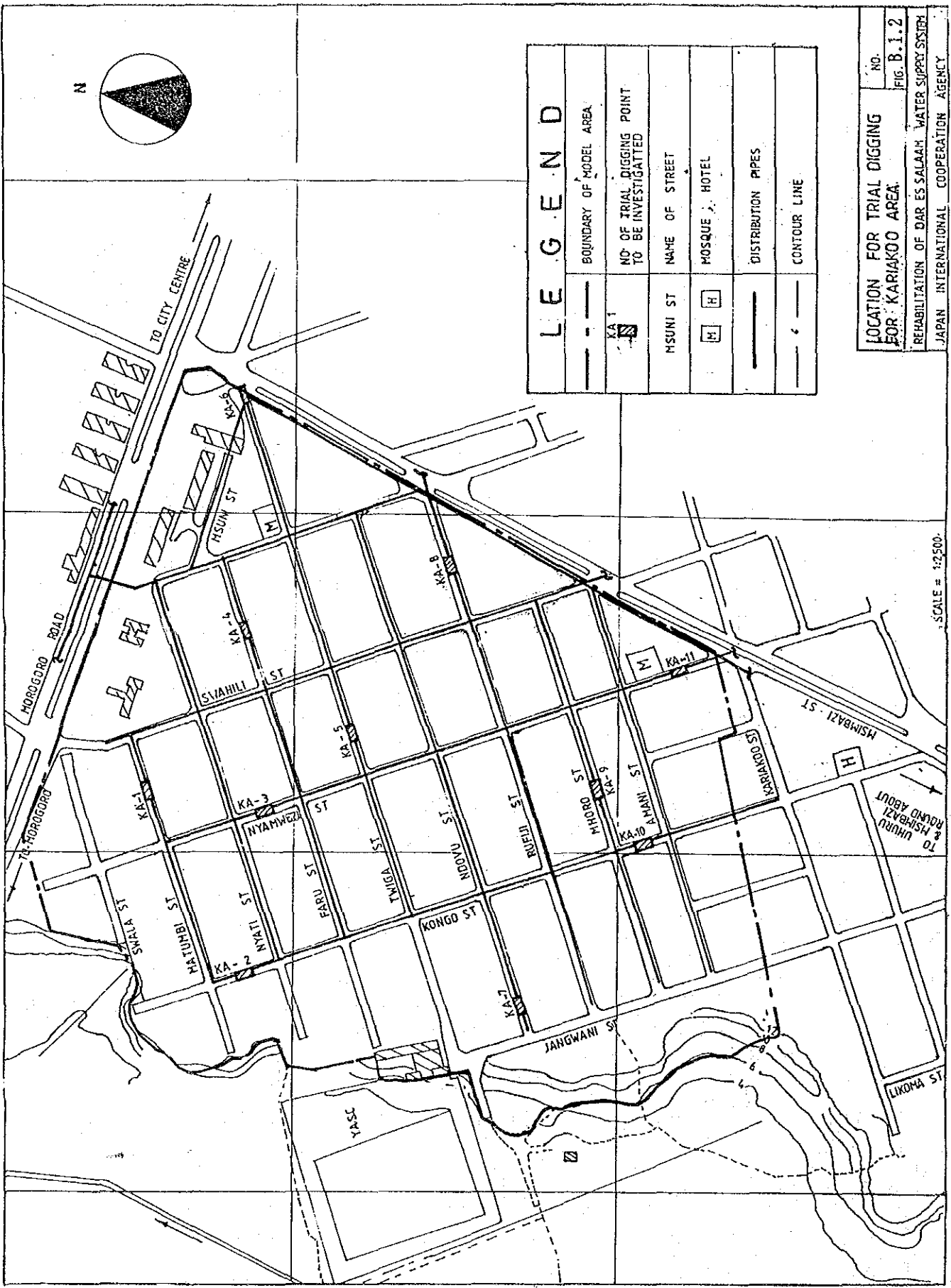
NAME OF S.B.O.

TEMEKE(3/3)

NUMBER OF TRIAL DIGGING	TK 22						
DATE TO BE DIGGED OUT	FEB. 22						
INSIDE DIAMETER (MM)	150						
MATERIAL OF PIPE	CIP						
TYPE OF CONNECTION	MEC. J.						
SURFACE CORROSION(AVE.) (MM)	0.9						
YEAR OF INSTALLATION	1951.						
COVERING DEPTH (M)	0.95						
CONDITION FOR WATER LEAKAGE	GOOD						

PHOTOGRAPH





L E G E N D

---	BOUNDARY OF MODEL AREA
KA 1	NO OF TRIAL DIGGING POINT TO BE INVESTIGATED
MSUNI ST	NAME OF STREET
[H] [H]	MOSQUE HOTEL
---	DISTRIBUTION PIPES
---	CONTOUR LINE

LOCATION FOR TRIAL DIGGING FOR KARIAKOO AREA. NO. FIG. B.1.2
 REHABILITATION OF DAR ES SALAAM WATER SUPPLY SYSTEM
 JAPAN INTERNATIONAL COOPERATION AGENCY

SCALE = 1:2500

TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF MODEL AREA

KARIAKOO(1/2)

NUMBER OF TRIAL DIGGING	KA 1	KA 2	KA 3	KA 4	KA 5	KA 6	KA 7
DATE TO BE DIGGED OUT	DEC. 22	DEC. 22	DEC. 22	DEC. 22	DEC. 22	DEC. 22	DEC. 22
INSIDE DIAMETER (MM)	100	100	150	100	100	100	100
MATERIAL OF PIPE	CIP	CIP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	MEC. J.	SOCKET	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.
SURFACE CORROSION(AVE.)(MM)	0.3	0.7	0.9	1.4	1.1	1.4	0.7
YEAR OF INSTALLATION	1965	1965	1965	1965	1965	1965	1965
COVERING DEPTH (M)	0.75	1.20	0.50	0.90	0.65	0.80	0.70
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



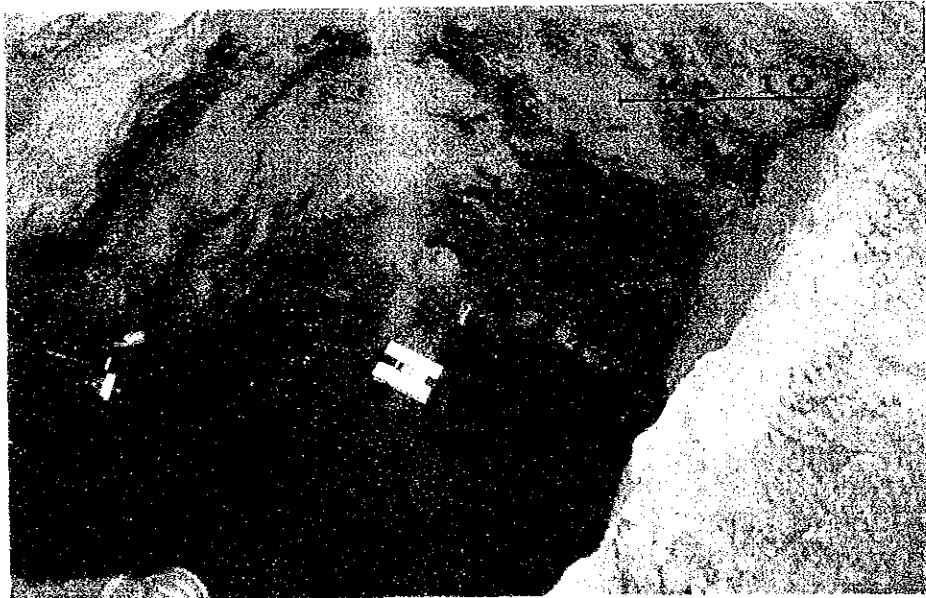
TRIAL DIGGING OF DISTRIBUTION PIPES

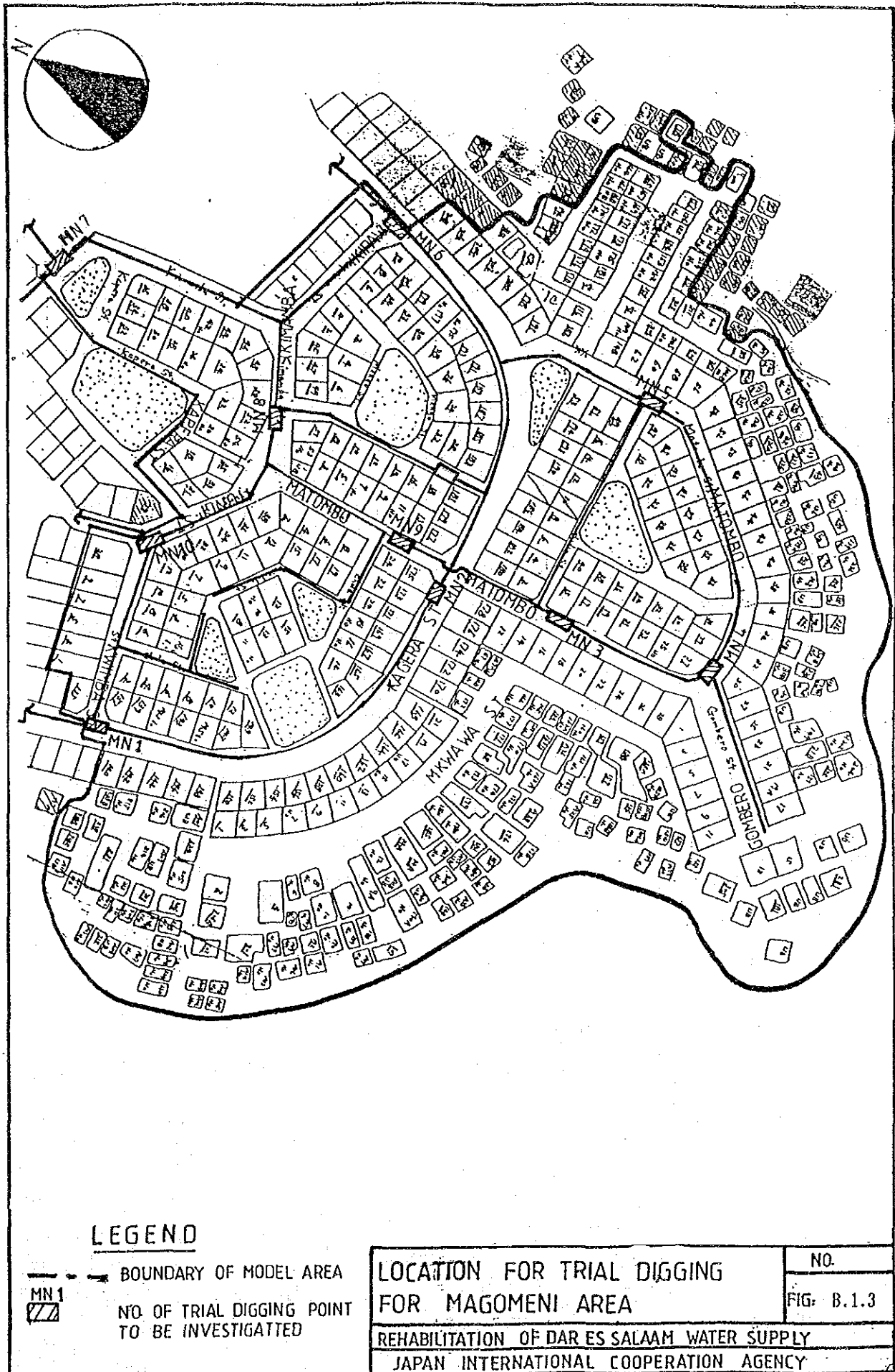
NAME OF MODEL AREA

KARIAKOO(2/2)

NUMBER OF TRIAL DIGGING	KA 8	KA 9	KA 10	KA 11			
DATE TO BE DIGGED OUT	DEC. 23	DEC. 23	DEC. 23	DEC. 23			
INSIDE DIAMETER (MM)	150	100	100	100			
MATERIAL OF PIPE	CIP	CIP	CIP	CIP			
TYPE OF CONNECTION	MEC. J.	MEC. J.	MEC. J.	SOCKET			
SURFACE CORROSION(AVE.) (MM)	0.8	0.7	0.5	0.7			
YEAR OF INSTALLATION	1965	1965	1965	1965			
COVERING DEPTH (M)	1.00	0.75	0.80	0.65			
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD			

PHOTOGRAPH



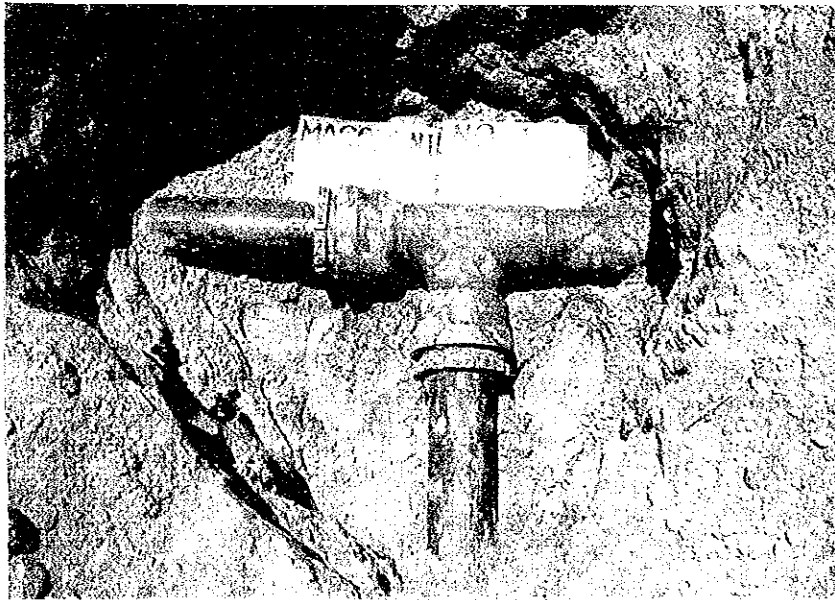


TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF MODEL AREA MAGOMENI (1/2)

NUMBER OF TRIAL DIGGING	MN 1	MN 2	MN 3	MN 4	MN 5	MN 6	MN 7
DATE TO BE DIGGED OUT	FEB. 2	FEB. 2	FEB. 2	FEB. 3	FEB. 3	FEB. 6	FEB. 6
INSIDE DIAMETER (MM)	100	100	100	100,75	100,75	100	150
MATERIAL OF PIPE	CIP	CIP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.
SURFACE CORROSION(AVE.) (MM)	0.2	0.2	0.0	0.0	0.1	0.1	1.0
YEAR OF INSTALLATION	1959	1959	1959	1959	1959	1959	1959
COVERING DEPTH (M)	0.80	0.90	0.90	1.20	0.75	0.80	0.90
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH

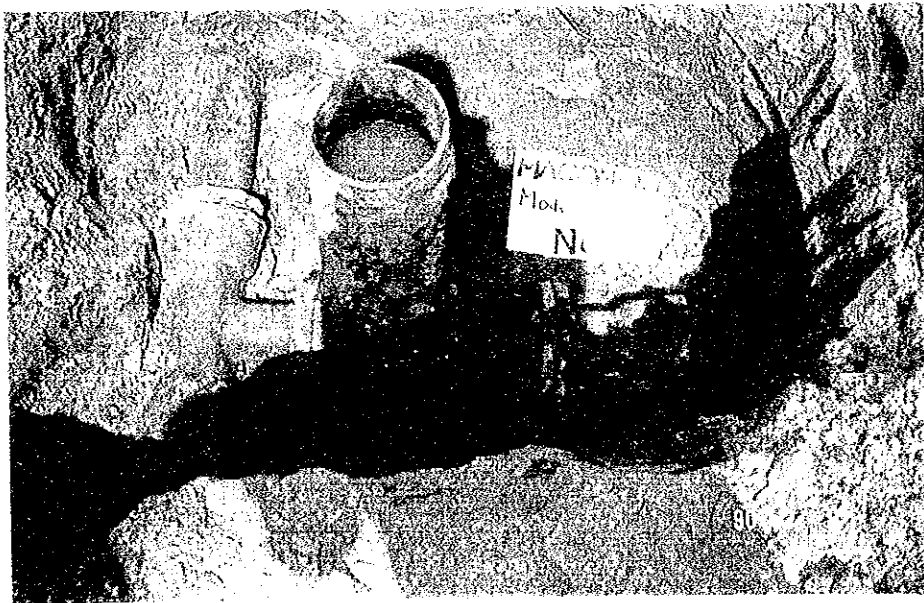


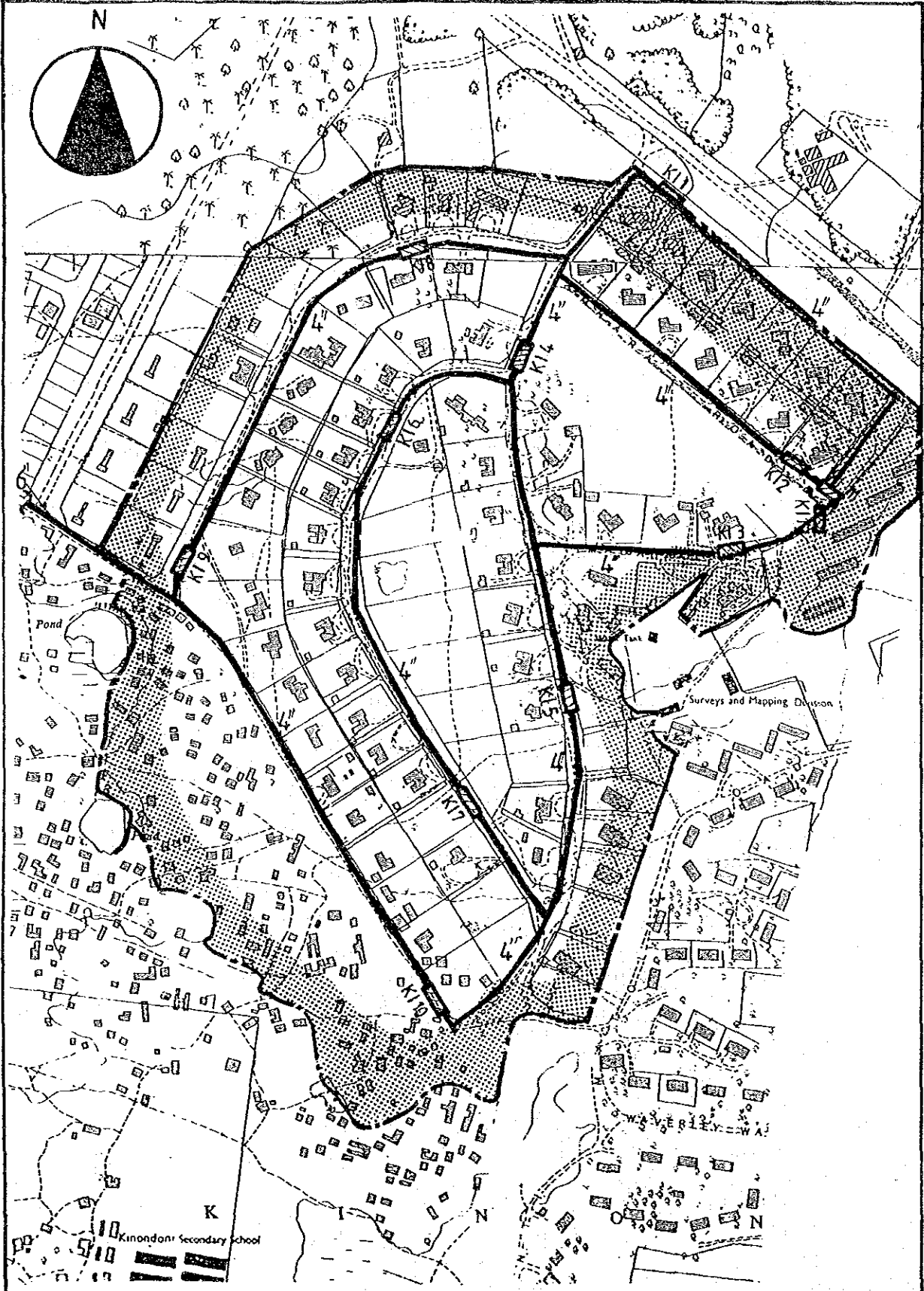
TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF MODEL ARE MAGOMENI (2/2)



NUMBER OF TRIAL DIGGING	MN 8	MN 9	MN 10				
DATE TO BE DIGGED OUT	FEB. 6	FEB. 3	FEB. 7				
INSIDE DIAMETER (MM)	100	100	100,75				
MATERIAL OF PIPE	CIP	CIP	CIP				
TYPE OF CONNECTION	MEC. J.	FERR.	MEC. J.				
SURFACE CORROSION(AVE.)(MM)	1.2	0.6	0.3				
YEAR OF INSTALLATION	1959	1959	1959				
COVERING DEPTH (M)	0.70	0.80	0.65				
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD				

PHOTOGRAPH





LEGEND

-  BOUNDARY OF MODEL AREA
-  NO. OF TRIAL DIGGING POINT TO BE INVESTIGATED

LOCATION FOR TRIAL DIGGING FOR KINONDONI AREA

REHABILITATION OF DAR ES SALAAM WATER SUPPLY

JAPAN INTERNATIONAL COOPERATION AGENCY

NO.

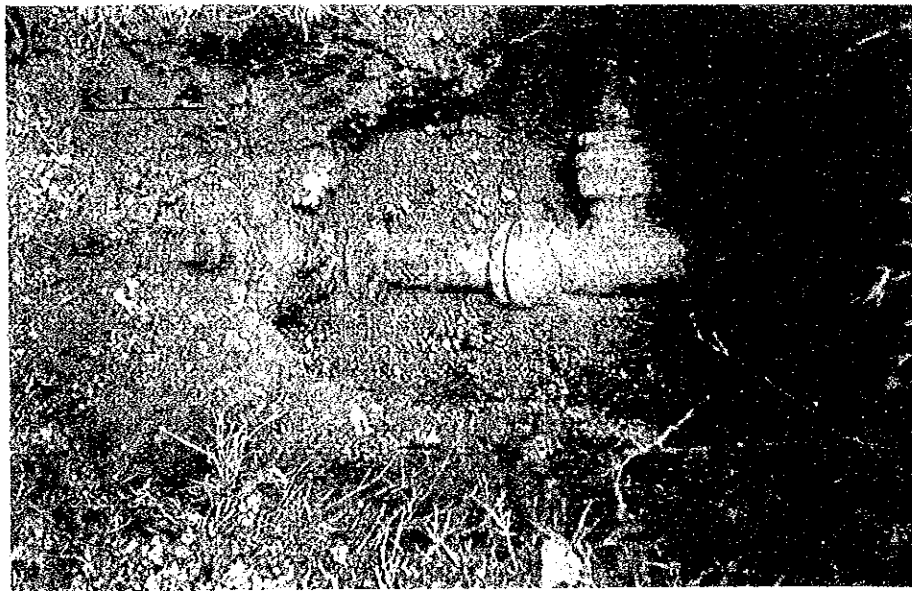
FIG. B.1.4

TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF MODEL AREA KINONDONI (1/2)

NUMBER OF TRIAL DIGGING	KI 1	KI 2	KI 3	KI 4	KI 5	KI 6	KI 7
DATE TO BE DIGGED OUT	DEC. 28	DEC. 28	DEC. 29	DEC. 28	DEC. 28	DEC. 28	DEC. 28
INSIDE DIAMETER (MM)	100	100	100	100	100	100	100
MATERIAL OF PIPE	CIP	CIP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.	MEC. J.
SURFACE CORROSION(AVE.) (MM)	0.4	0.3	0.3	0.5	0.5	0.4	0.3
YEAR OF INSTALLATION	1970	1970	1970	1970	1980	1970	1970
COVERING DEPTH (M)	0.50	0.70	0.70	0.65	0.30	0.40	0.60
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH

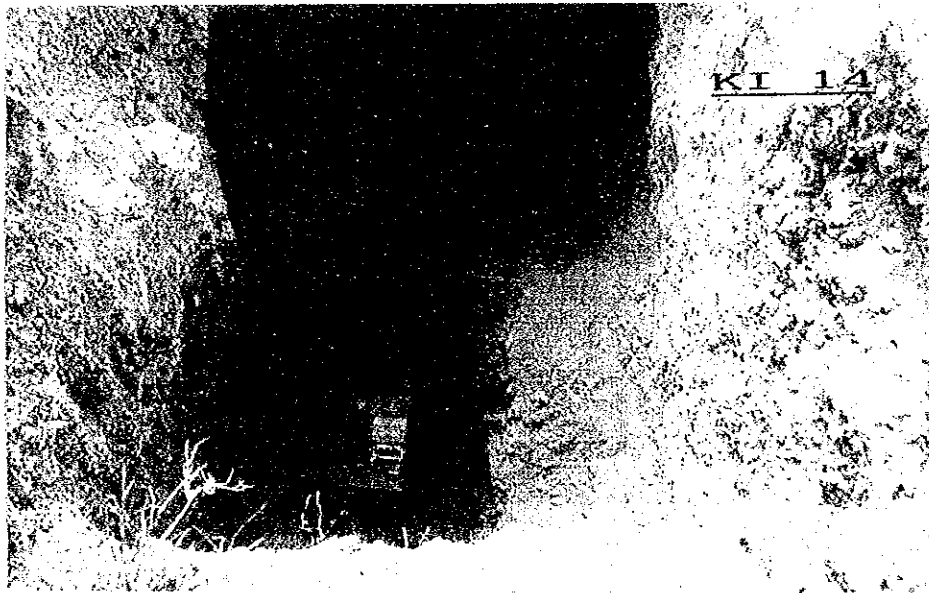


TRIAL DIGGING OF DISTRIBUTION PIPES

NAME OF MODEL AREA KINONDONI (2/2)

	KI 8	KI 9	KI 10	KI 11	KI 12	KI 13	KI 14
NUMBER OF TRIAL DIGGING							
DATE TO BE DIGGED OUT	DEC. 22	DEC. 22	DEC. 22	JAN. 30	FEB. 2	JAN. 31	JAN. 29
INSIDE DIAMETER (MM)	100	100	100	100	100	100	200
MATERIAL OF PIPE	CIP	CIP	CIP	CIP	CIP	CIP	CIP
TYPE OF CONNECTION	MEC. J	MEC. J	MEC. J	MEC. J	MEC. J	MEC. J	MEC. J.
SURFACE CORROSION(AVE.) (MM)	0.2	1.2	1.2	0.4	0.3	0.3	0.44
YEAR OF INSTALLATION	1968	1968	1968	1968	1968	1968	1965?
COVERING DEPTH (M)	0.60	0.90	0.70	0.70	0.65	1.15	2.50
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

PHOTOGRAPH



1.2 Service Pipe

EXISTING CONDITION OF SERVICE PIPES

TRIAL DIGGING OF SERVICE PIPES

NAME OF MODEL AREA

KARIAKOO(1/2)

NUMBER OF TRIAL DIGGING	KA 1	KA 2	KA 3	KA 4	KA 5	KA 6	KA 7
DATE TO BE DIGGED OUT	DEC.19	DEC.19	DEC.23	DEC.20	DEC.21	DEC.21	DEC.23
DIAMETER OF SERVICE PIPE(MM)	25	25	25	25	25	25	25
MATERIAL OF PIPE	GP	GP	GP	GP	GP	GP	GP
CONDITION OF SERVICE PIPE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
YEAR OF INSTALLATION	1975	1975	1980	1979	1985	1980	1975
COVERING DEPTH (M)	0.35	0.20	0.20	0.30	0.25	0.30	0.30
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
HOUSE NUMBER	NO.	NO.	NO.	NO.	NO.	NO.	NO.
NAME OF BLOCK, NUMBER	D5-5	C7-29	C9-51	B8-13	B3-3	A6-6	B8-46

PHOTOGRAPH



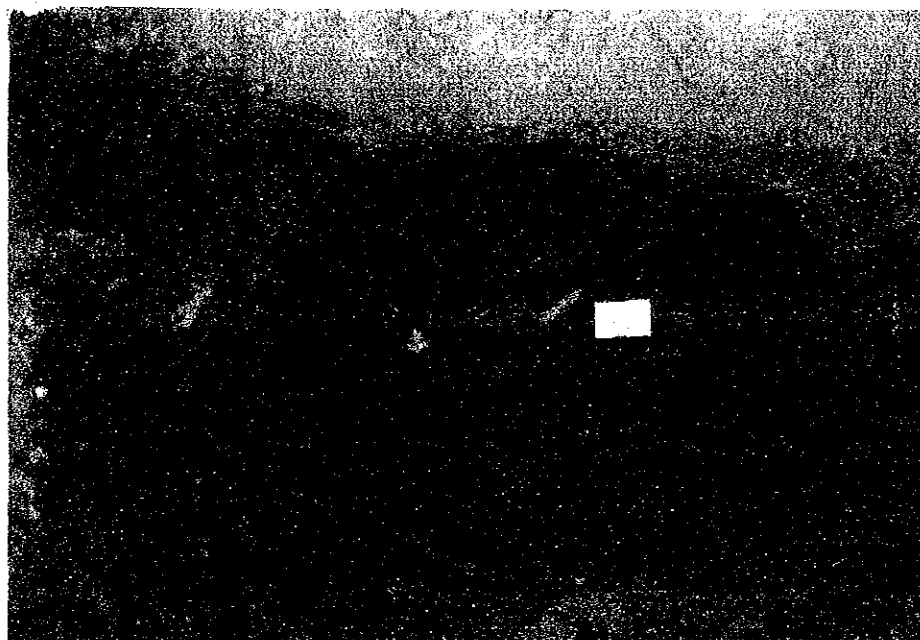
TRIAL DIGGING OF SERVICE PIPES

NAME OF MODEL AREA

KARIAKOO(2/2)

NUMBER OF TRIAL DIGGING	KA 8	KA 9	KA 10	KA 11	KA 12	KA 13	KA 14
DATE TO BE DIGGED OUT	MAR.2	MAR.2	MAR.2	MAR.2	MAR.3	MAR.3	MAR.3
DIAMETER OF SERVICE PIPE(MM)	25	25	25	25	25	25	25
MATERIAL OF PIPE	PVC	PVC	PVC	GP	GP	GP	GP
CONDITION OF SERVICE PIPE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
YEAR OF INSTALLATION	1975	1976?	1975?	1980	1978	1975	1980?
COVERING DEPTH (M)	0.30	0.30	0.30	0.25	0.25	0.30	0.30
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
HOUSE NUMBER	NO. A9-4	NO. A9-10	NO. A9-13	NO. A6-16	NO. A6-14	NO. A6-12	NO. A5-8

PHOTOGRAPH



TRIAL DIGGING OF SERVICE PIPES

NAME OF MODEL AREA KINONDONI (1/2)

NUMBER OF TRIAL DIGGING	KI 1	KI 2	KI 3	KI 4	KI 5	KI 6	KI 7
DATE TO BE DIGGED OUT	FEB. 28	FEB. 27	FEB. 28	FEB. 27	FEB. 26	FEB. 26	FEB. 26
DIAMETER OF SERVICE PIPE (MM)	25	25	25	25	25	25	25
MATERIAL OF PIPE	GP	GP	GP	GP	GP	GP	GP
CONDITION OF SERVICE PIPE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
YEAR OF INSTALLATION	1970	1970?	1970	1970	1980?	1970	1970
COVERING DEPTH (M)	0.20	0.20	0.30	0.25	0.30	0.30	0.25
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
HOUSE NUMBER	NO. 32	NO. 20	NO. 37	NO. 44	NO. 62	NO. 157	NO. 142

PHOTOGRAPH

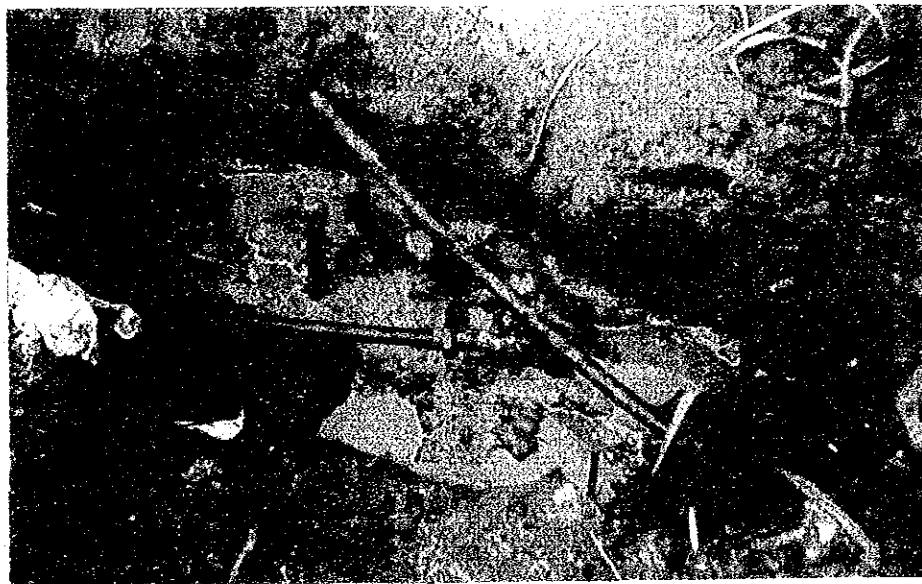


TRIAL DIGGING OF SERVICE PIPES

NAME OF MODEL AREA KINONDONI (2/2)

NUMBER OF TRIAL DIGGING	KI 8	KI 9	KI 10	KI 11	KI 12	KI 13	KI 14
DATE TO BE DIGGED OUT	FEB. 28	FEB. 27	FEB. 28	FEB. 28	FEB. 28	FEB. 28	FEB. 27
DIAMETER OF SERVICE PIPE (MM)	25	25	25	25	25	25	25
MATERIAL OF PIPE	GP	PVC	GP	PVC	PVC	GP	PVC
CONDITION OF SERVICE PIPE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
YEAR OF INSTALLATION	1973	1980?	1980?	1982	1980?	1978	1970?
COVERING DEPTH (M)	0.50	0.30	0.70	0.70	0.65	0.20	0.30
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
HOUSE NUMBER	NO. 406	NO. 457	NO. 351	NO. 348	NO. 190	NO. 248	NO. 40

PHOTOGRAPH



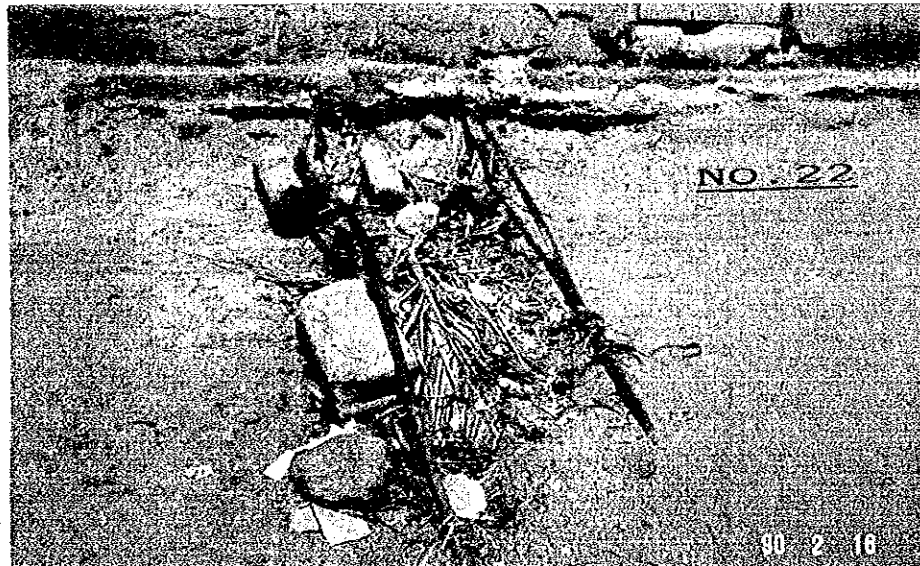
TRIAL DIGGING OF SERVICE PIPES

NAME OF S.B.O

MAGOMENI (1/2)

NUMBER OF TRIAL DIGGING	MN 1	MN 2	MN 3	MN 4	MN 5	MN 6	MN 7
DATE TO BE DIGGED OUT	FEB. 24	FEB. 28	FEB. 4	FEB. 4	FEB. 6	FEB. 16	FEB. 24
DIAMETER OF SERVICE PIPE (MM)	20	25	20	20	20	20	20
MATERIAL OF PIPE	PVC	PVC	GP	GP	GP	GP	PVC, PV
CONDITION OF SERVICE PIPE	GOOD	NO GOOD	NO GOOD	GOOD	NO GOOD	NO GOOD	GOOD
YEAR OF INSTALLATION	1967	1988	1964	1973	1965	1965	1975?
COVERING DEPTH (M)	0.20	0.30	0.20	0.20	0.20	0.00	0.10
CONDITION FOR WATER LEAKAGE	GOOD	GOOD	NO GOOD	GOOD	GOOD	GOOD	GOOD
HOUSE NUMBER	NO. 11	NO. 12	NO. 19	NO. 85	NO. 13	NO. 22	NO. 201

PHOTOGRAPH



TRIAL DIGGING OF SERVICE PIPES

NAME OF S.B.O

MAGOMENI (2/2)

NUMBER OF TRIAL DIGGING	MN 8	MN 9	MN 10	MN 11	MN 12	MN 13	MN 14
DATE TO BE DIGGED OUT	FEB. 24	FEB. 28	FEB. 28	MAR. 6	FEB. 24	MAR. 7	MAR. 8
DIAMETER OF SERVICE PIPE (MM)	20	25	20	20	20/25	20/25	20
MATERIAL OF PIPE	PVC	PVC	GP	GP/PVC	GP/PVC	GP/PVC	GP
CONDITION OF SERVICE PIPE	NO GOOD	GOOD	GOOD	GOOD	NO GOOD	GOOD	GOOD
YEAR OF INSTALLATION	1980?	1988	1989	1966	1967	1970	1965
COVERING DEPTH (M)	0.10	0.30	0.20	0.40	0.30	0.40	0.35
CONDITION FOR WATER LEAKAGE	NO GOOD	GOOD	NO GOOD	GOOD	GOOD	GOOD	GOOD
HOUSE NUMBER	NO. 206A	NO. 4	NO. 307	NO. 15	NO. 152	NO. 157	NO. 181

PHOTOGRAPH

NO. 157

