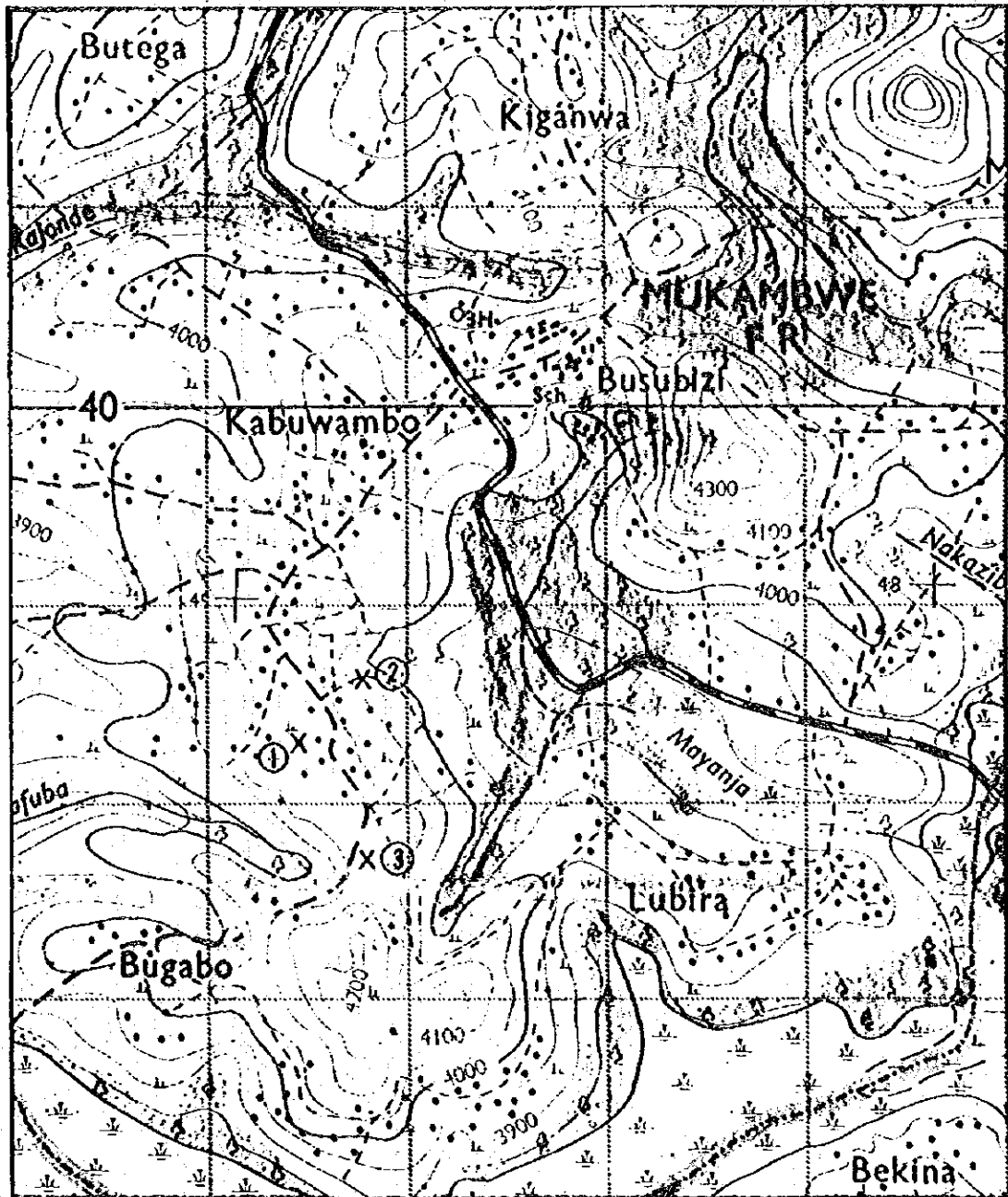


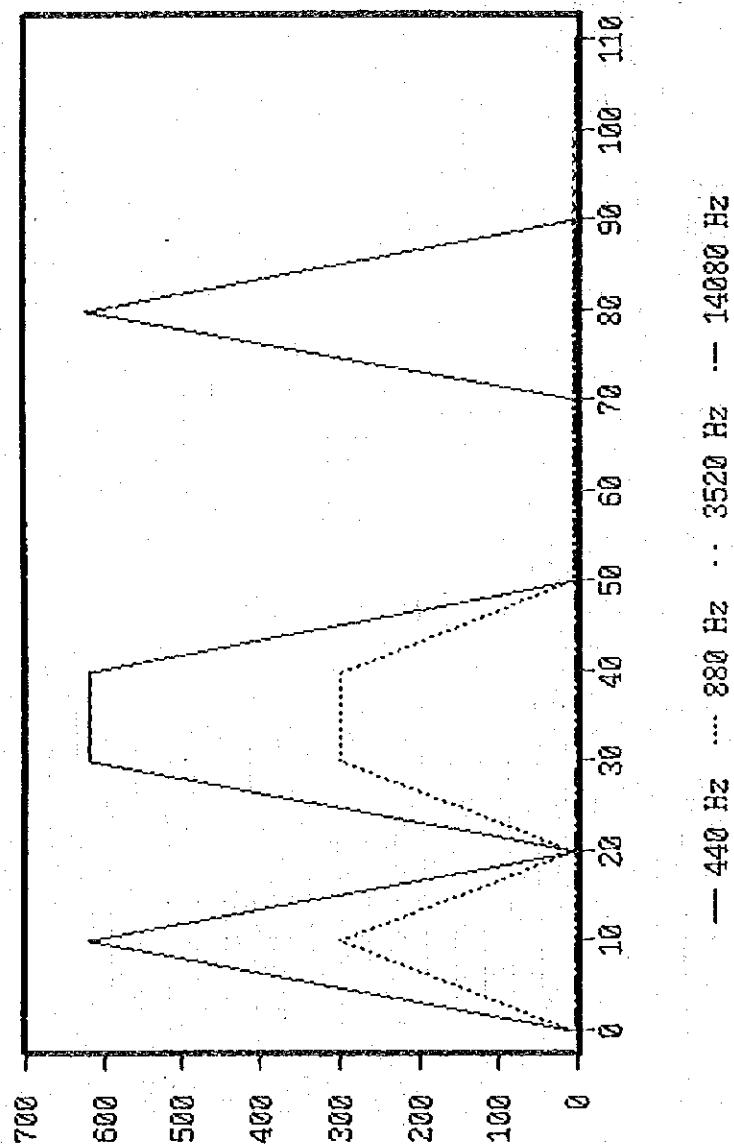
A.6.4.7 Nanyeso



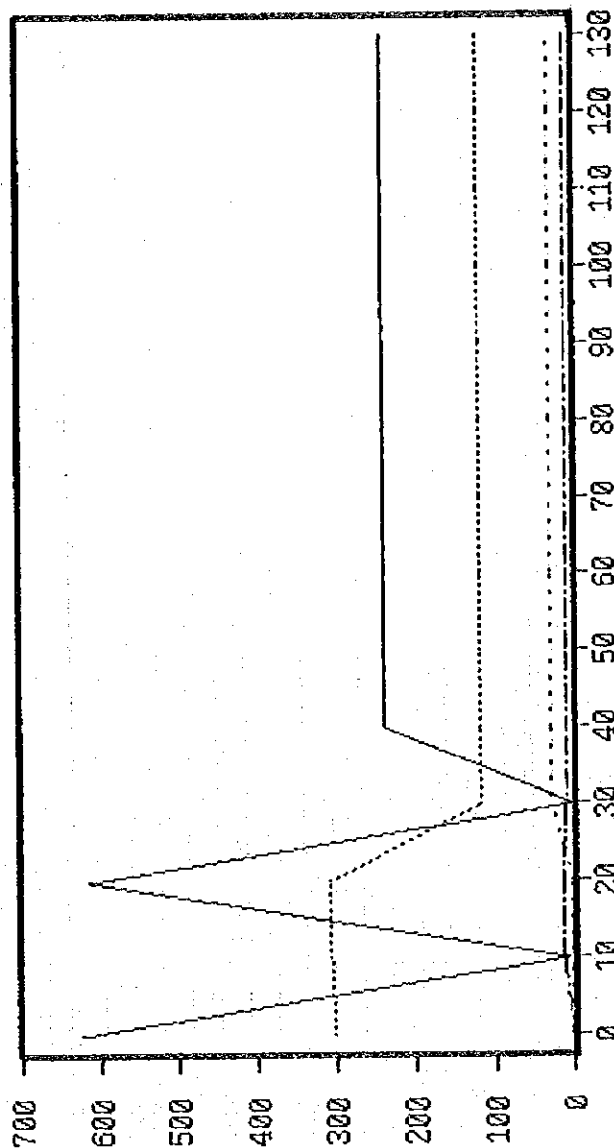
X Sounding Area  
 (2), (3) Drilling Site

Nanyeso Village

LOCATION: NAMYESO(2) NO.1

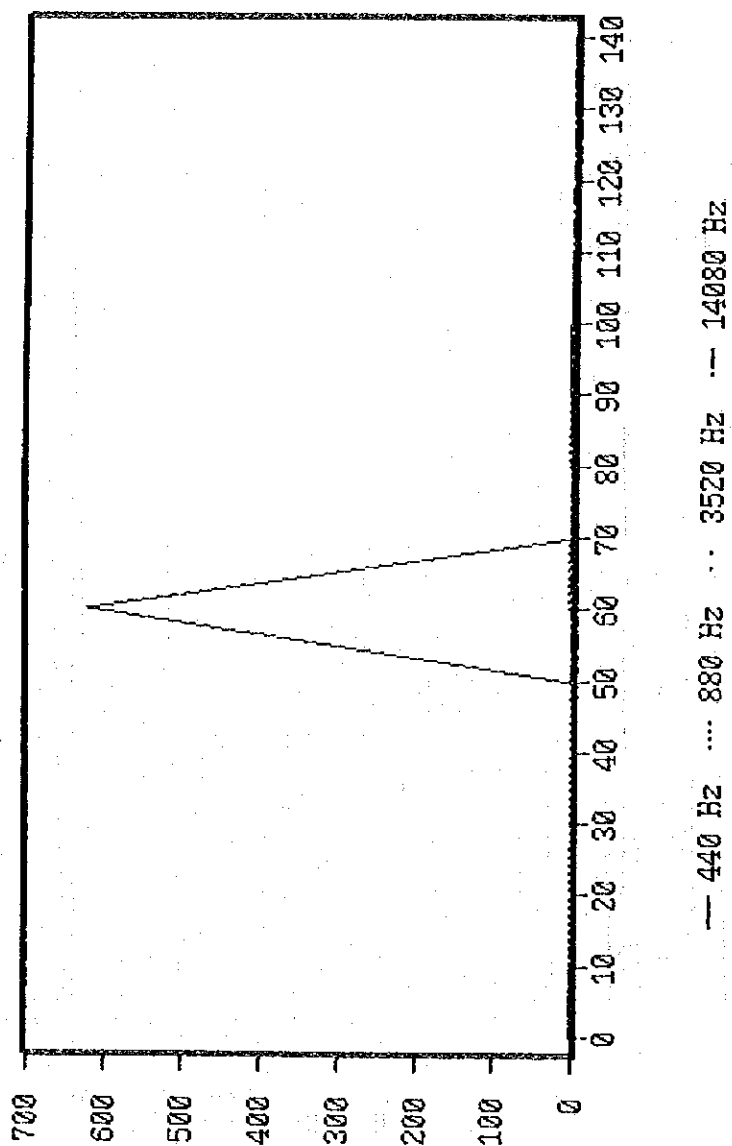


LOCATION: NAMYESO(2) NO. 2

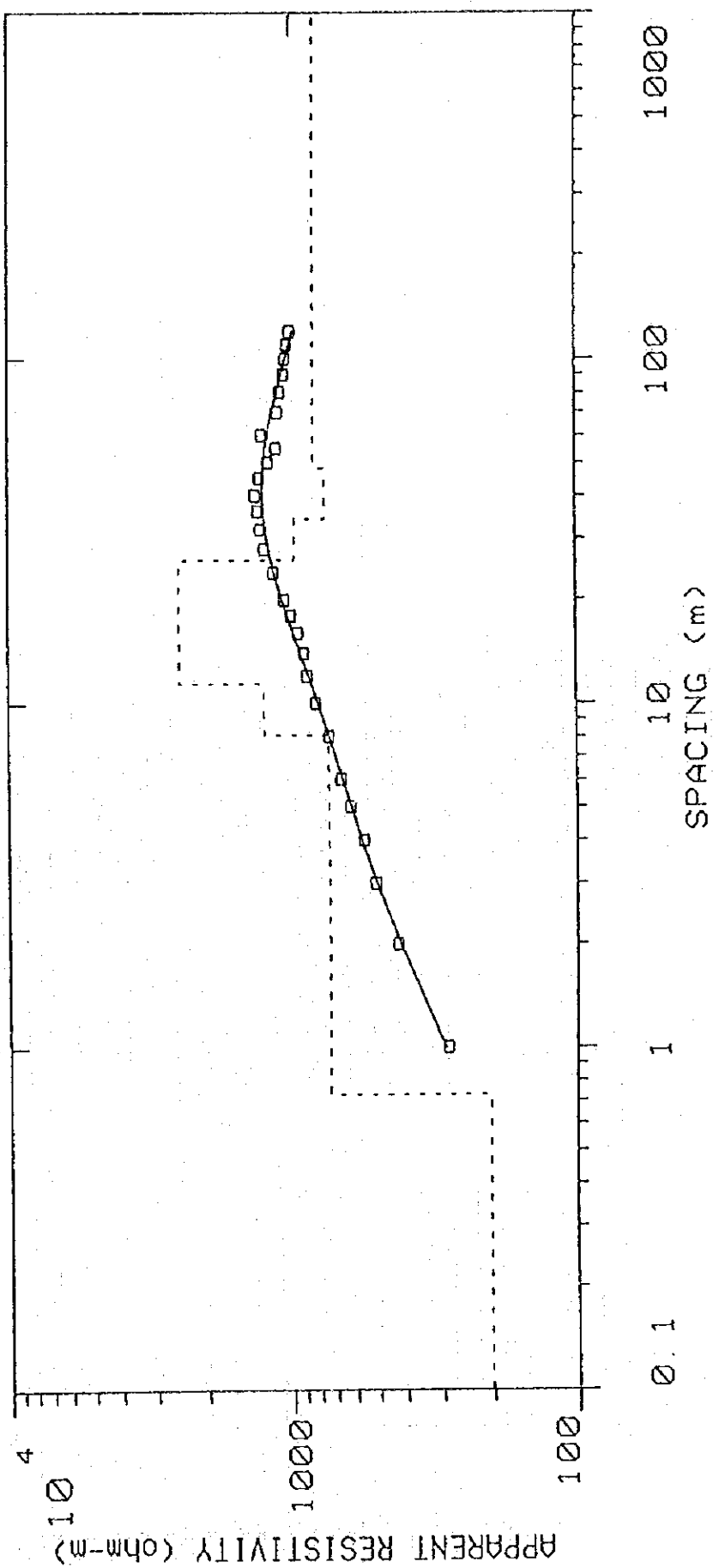


— 440 Hz    .... 880 Hz    ... 3520 Hz    -- 14080 Hz

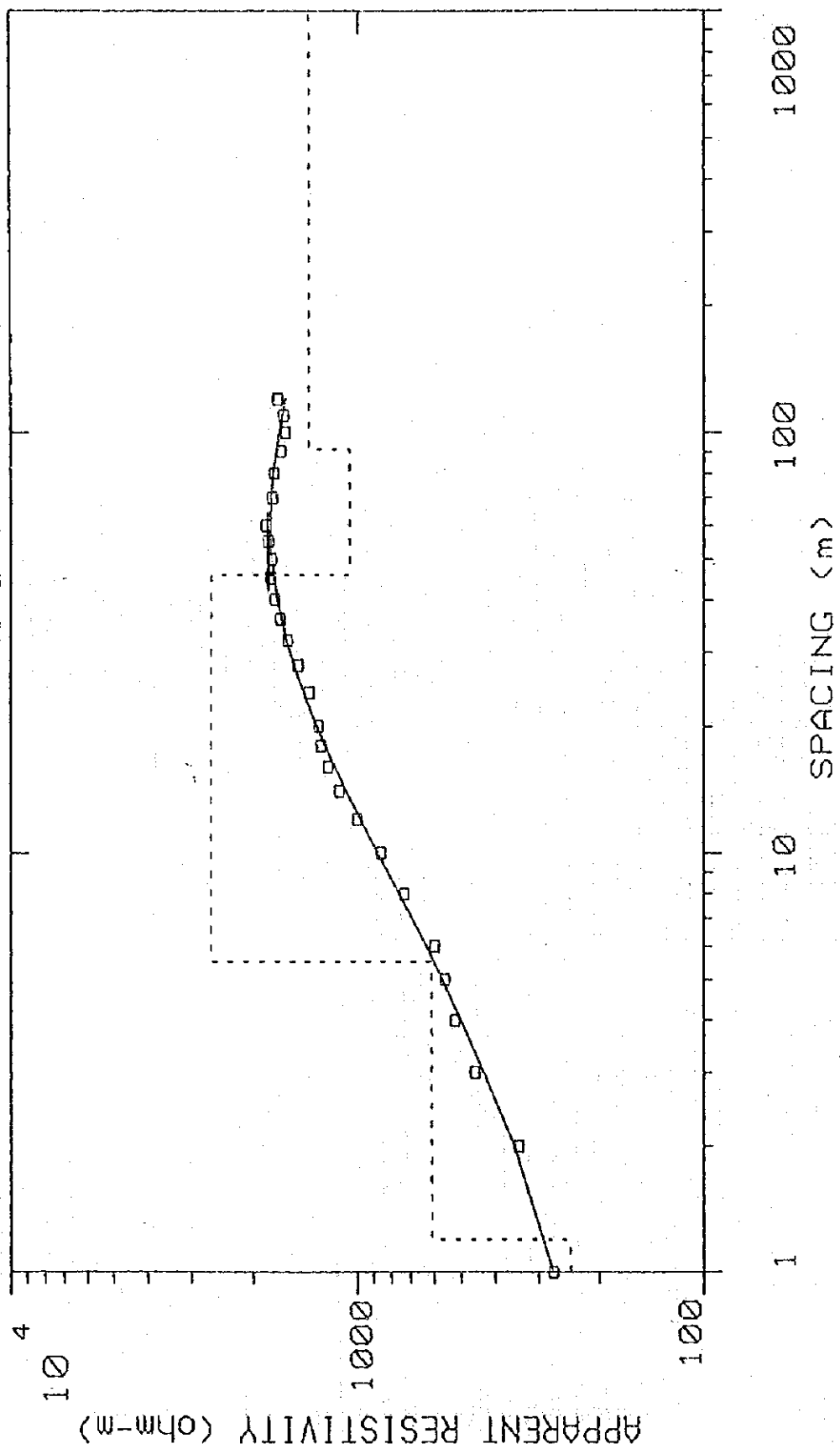
LOCATION: NAME50(2) NO. 3



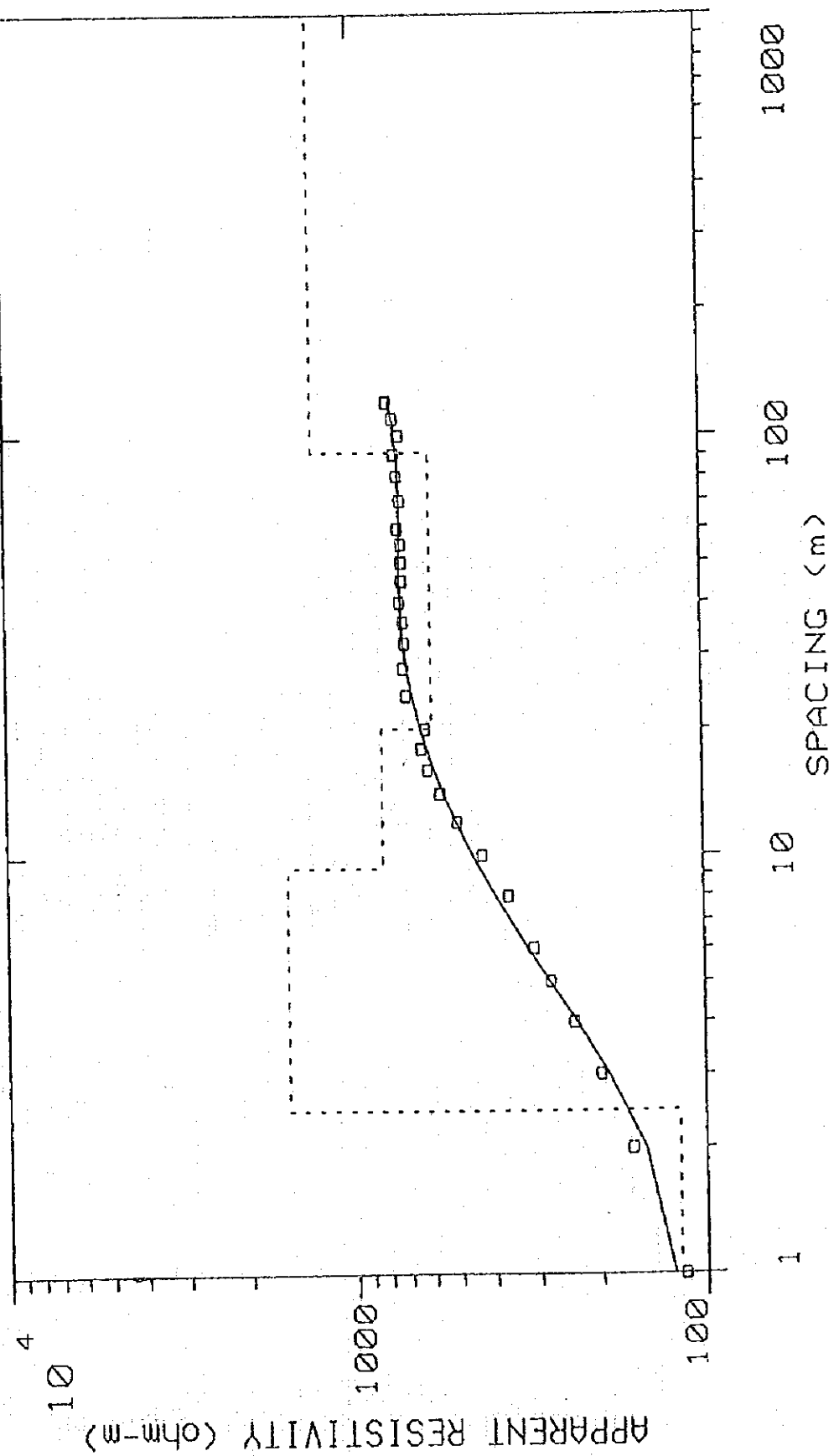
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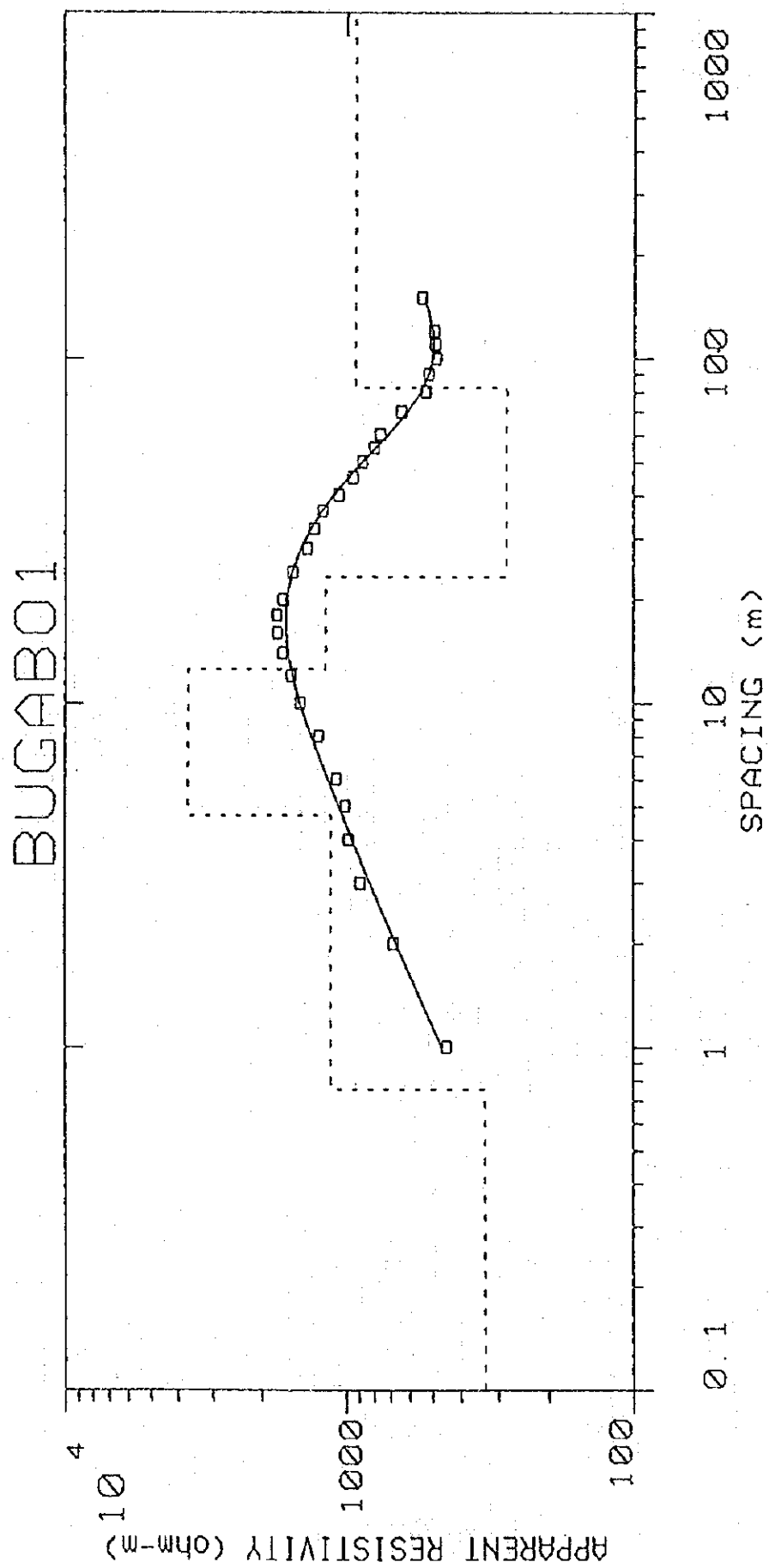


NAMYES02



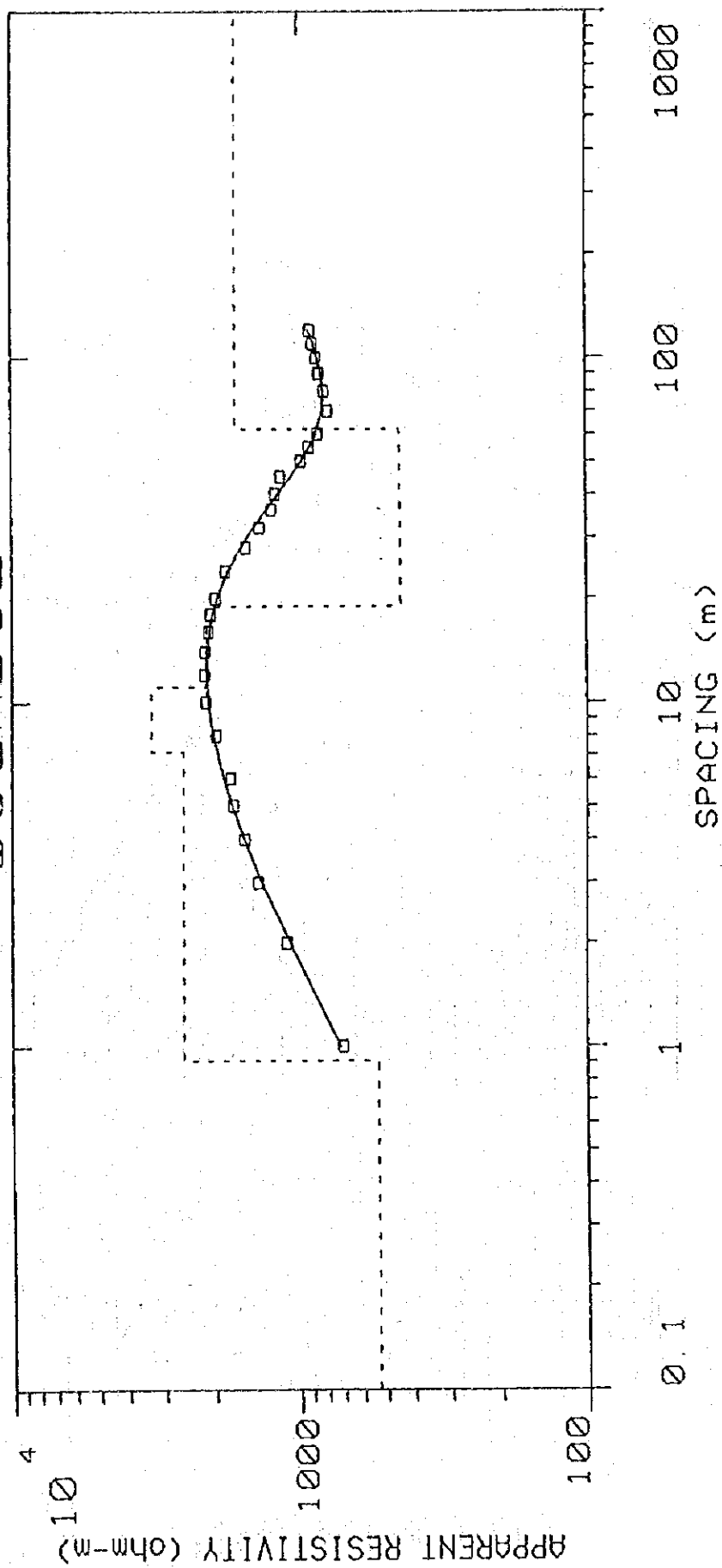
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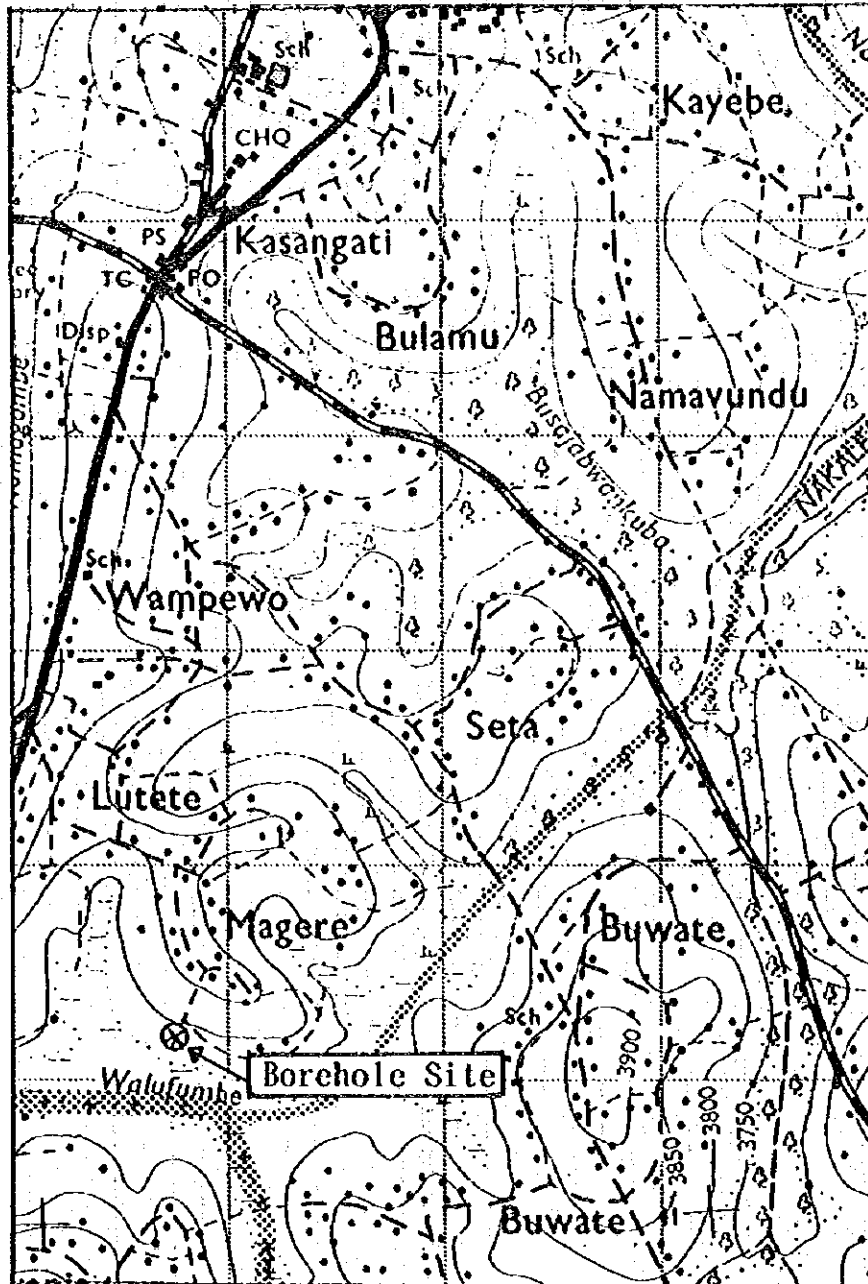




# BUGAB02

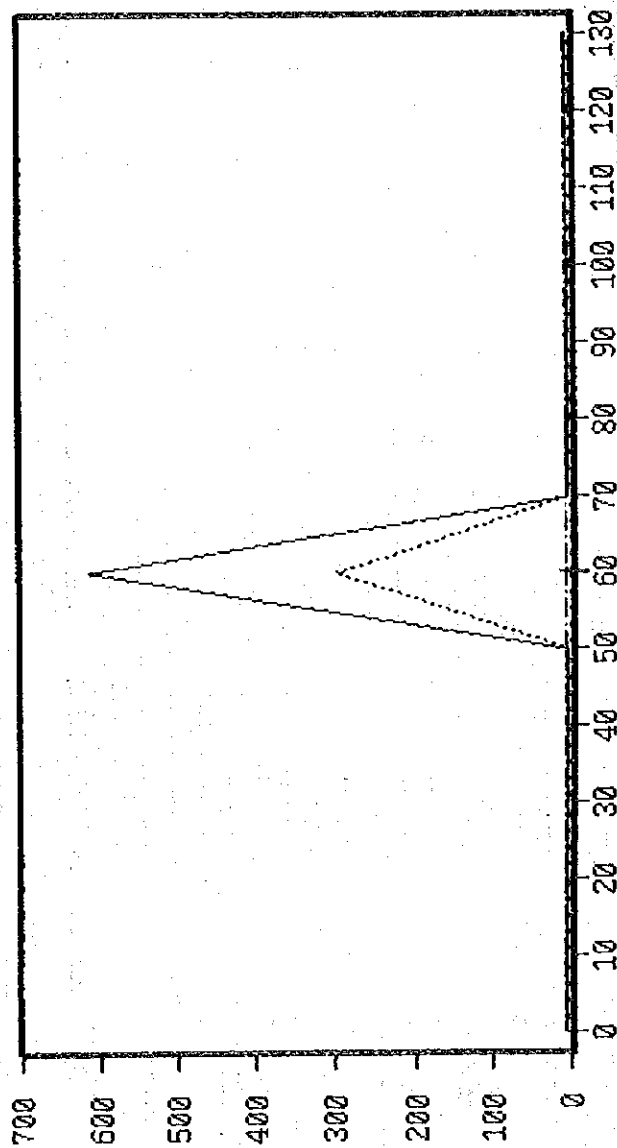


A. 6. 4. 8 Magere



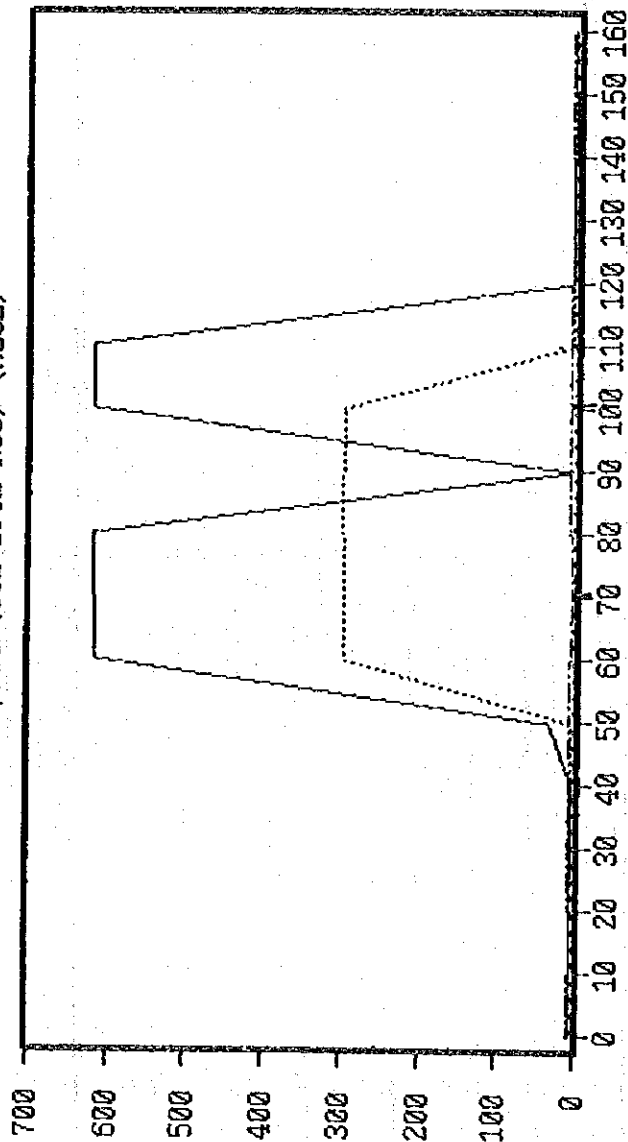
Magere Village

LOCATION; MASERE (23/1/96)  
 LINE; No3 (50m parallel to No2) (M20E)



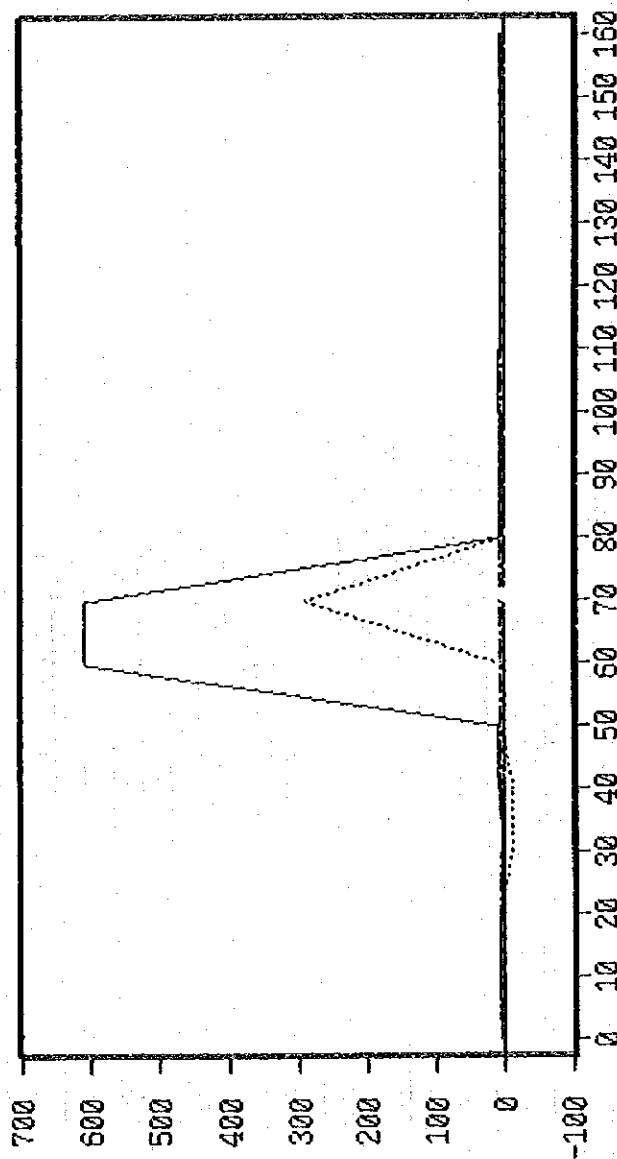
— 440 HzC    .... 880 HzC    .. 3520 HzC    --- 14080 HzC

LOCATION: MASERE (23/1/96)  
 LINE: No4 (50m from No3) (M20E)

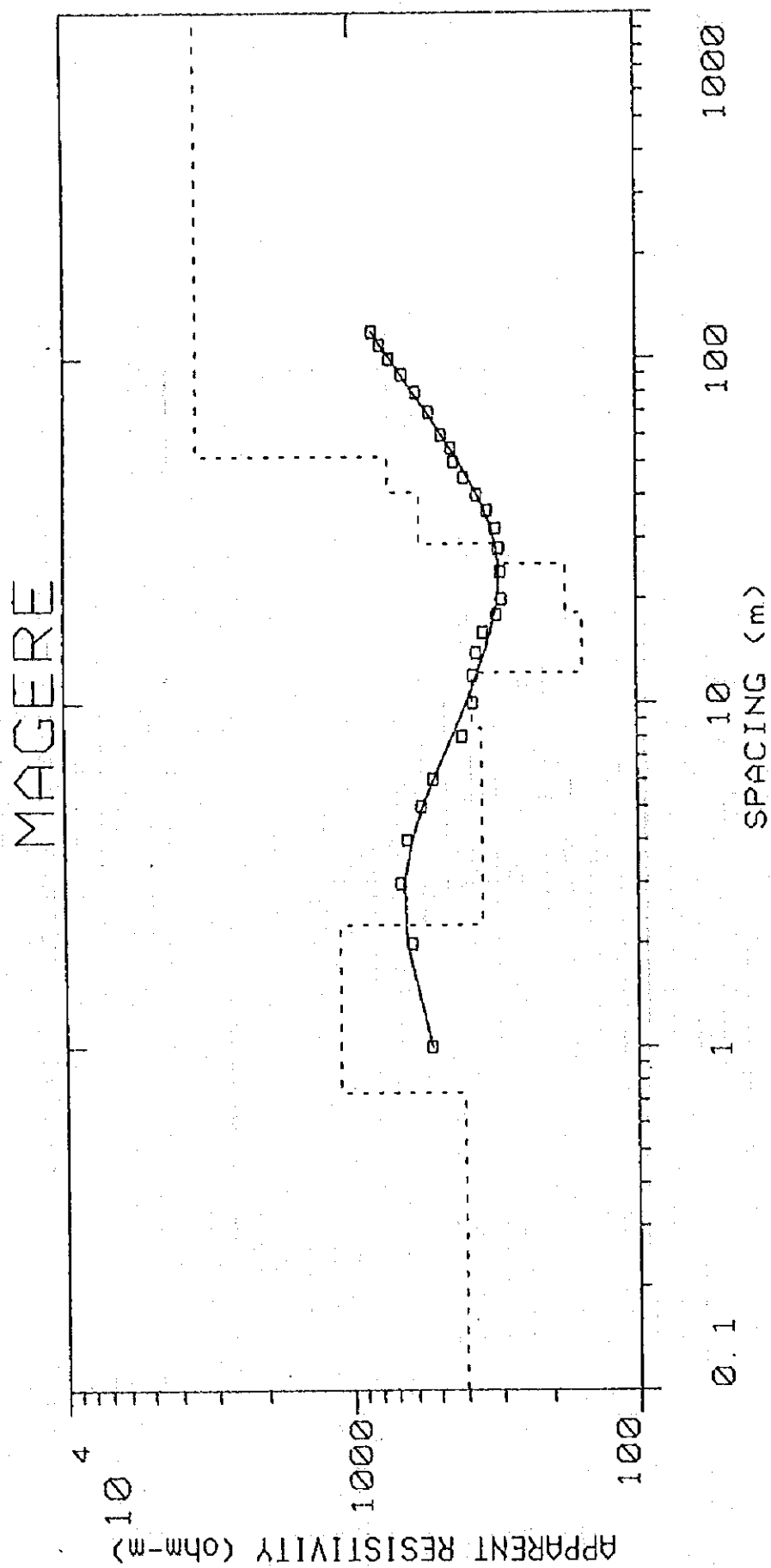


— 440 HzC .... 880 HzC .. 3520 HzC --- 14080 HzC

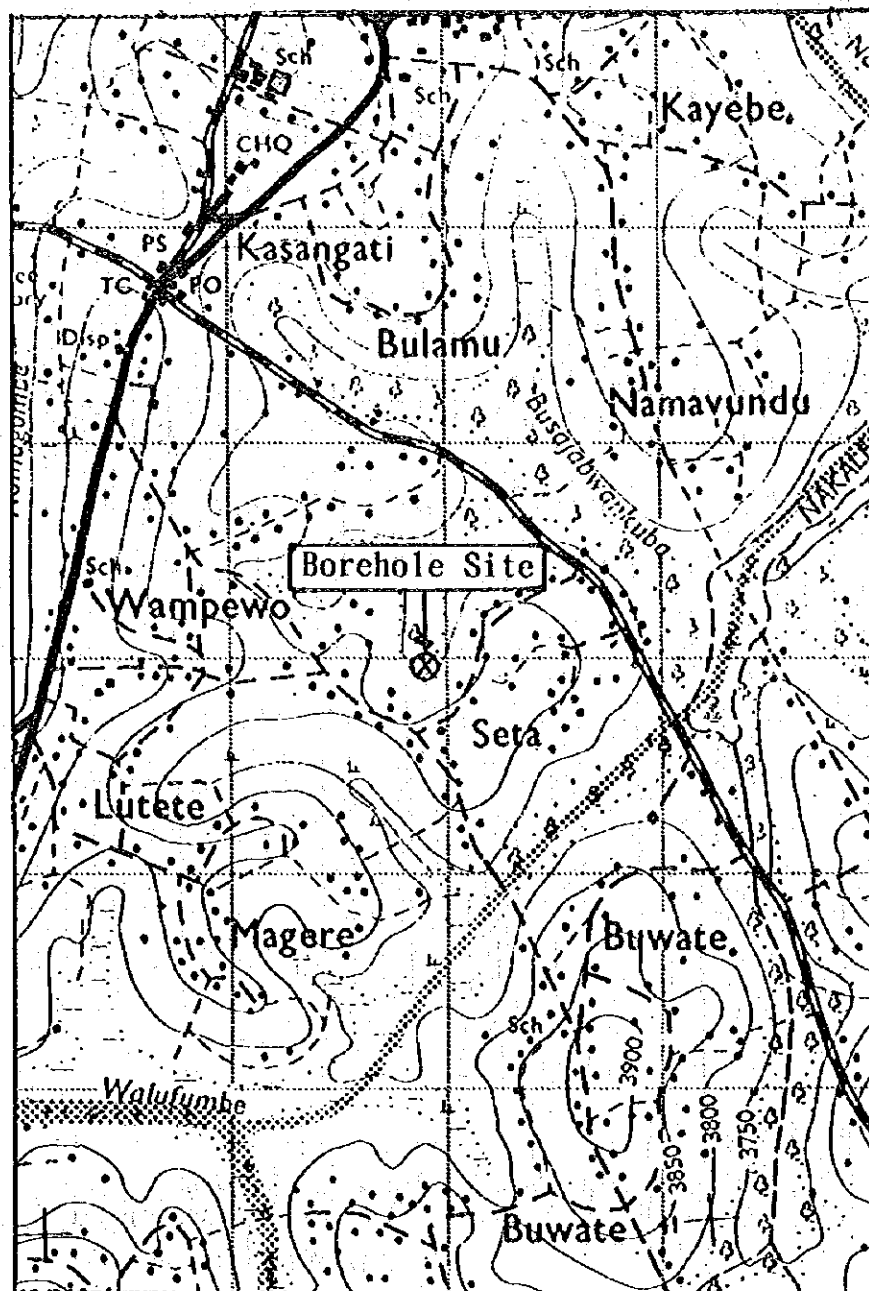
Location; MASERE (23/1/96)  
 LINE; No2 (M20E)



— 440 HzC ... 880 HzC .. 3520 HzC -- 14080 HzC

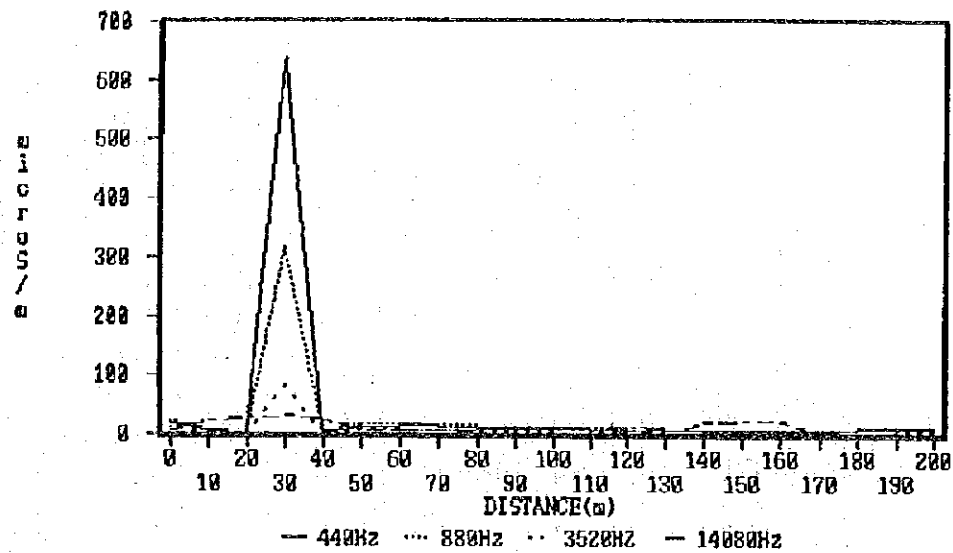


A. 6. 4. 9 Seeta

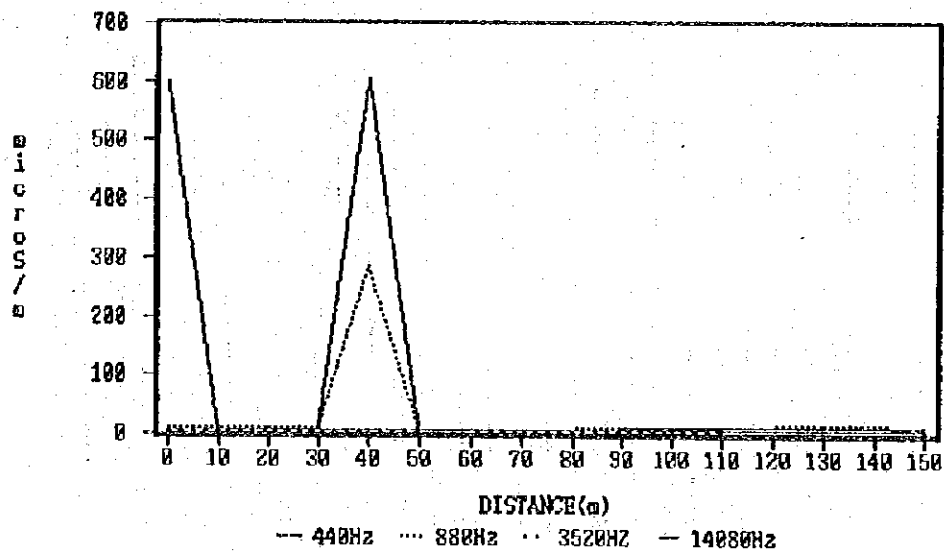


Seeta Village

EM SEETA NO.1

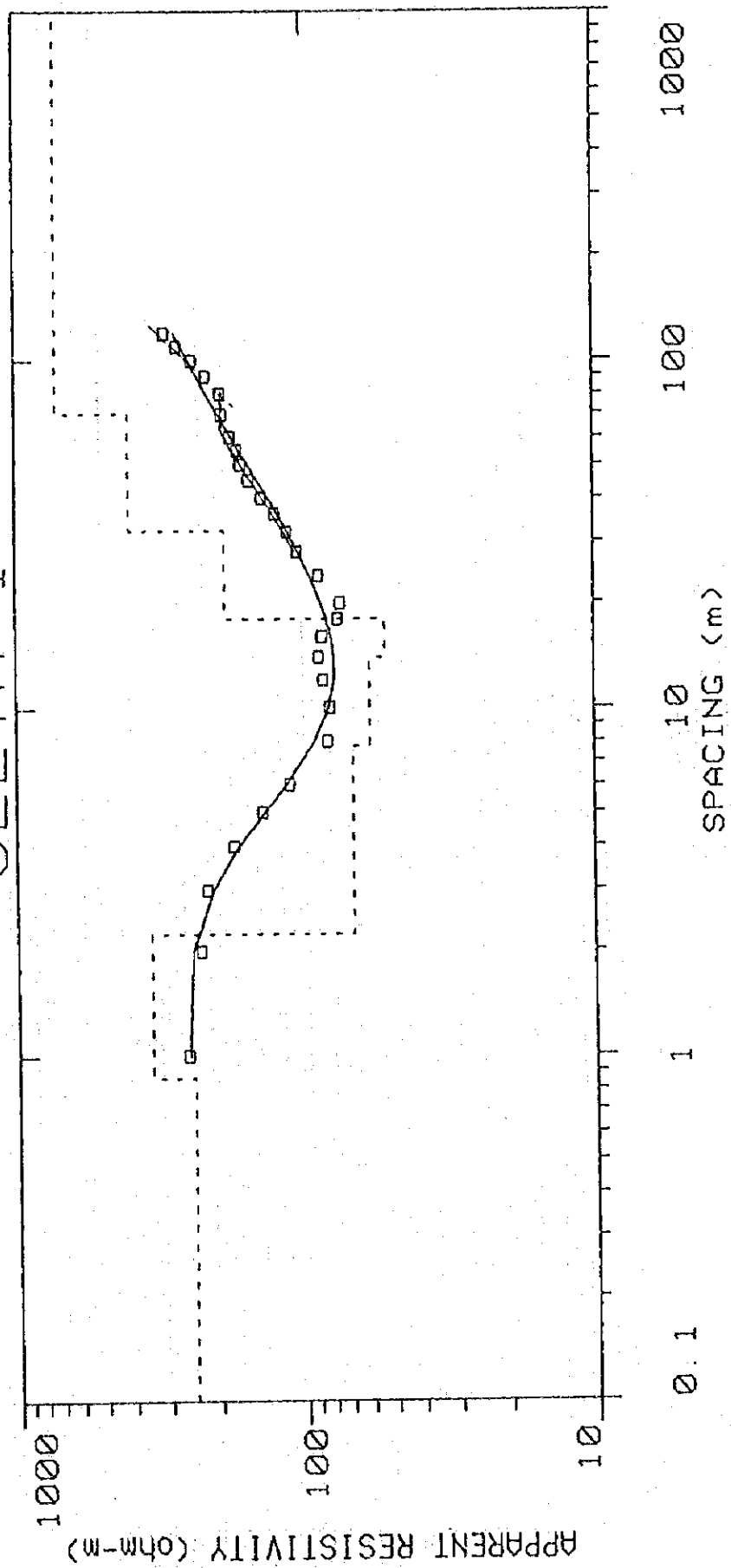


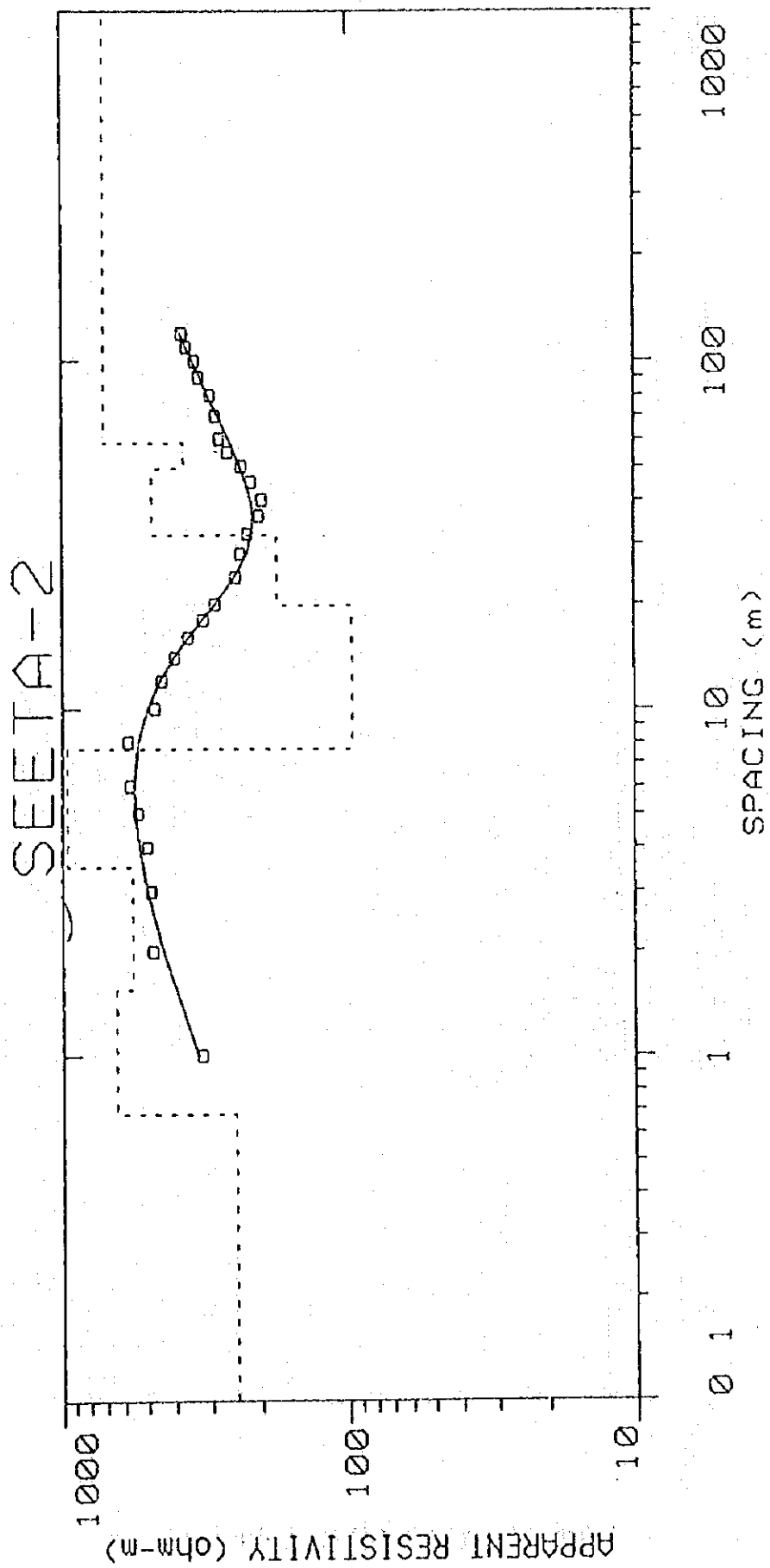
EM SEETA NO.2





# SEETA-1





**A.7 Monthly Flow and Base Flow of River Kakinga**  
(Data of DWD Entabbe)

---

Water Development Department  
BASEFLOW INDEX CALCULATION

---

Station number : 81316      Name : R. Kakinga Index Catchment.

Period of analysis from 1 Jan 1969 to 31 Dec 1978

BFI calculated over whole period

---

Number of days in period = 3652  
 Number of days with data = 3008  
 Number of days for BFI = 2736

Total volume (mm / year) = 8.75  
 Baseflow volume (mm / year) = 3.33

BFI = .381

BFI in each hydrological year

---

Year start	Days	Data days	BFI days	Total (mm)	Baseflow (mm)	BFI
Jan 1969	365	38	0			
Jan 1970	365	335	303	2.23	.19	.085
Jan 1971	365	335	306	.03	.03	1.000
Jan 1972	366	336	317	2.41	.51	.211
Jan 1973	365	365	365	3.73	1.79	.478
Jan 1974	365	365	365	10.68	.82	.077
Jan 1975	365	364	328	9.97	2.48	.249
Jan 1976	366	365	325	.21	.14	.678
Jan 77	365	360	350	24.49	13.32	.544
Jan 1978	365	145	77	11.81	4.90	.415

---

Water Development Department  
Summary of monthly data - Flow

Station number : 81316 Name : R. Kakinga Index Catchment.

Basin no. : 1 Latitude : 0: 7:15 N Longitude : 31: 3: 9 E Altitude : .0  
Area : 936.0

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	1.287	-
1970	.127	.001	.001	.425	.200	.001	.001	.001	.001	.181	-	.040	-
1971	.001	.001	.001	.001	.001	.001	.001	.001	.001	.356	-	.001	-
1972	.001	.001	.001	.001	.001	.001	.348	.028	-	.005	.001	.537	-
1973	.122	.001	.001	.001	.233	.362	.066	.001	.006	.138	.372	.169	.118
1974	.010	.001	.005	2.209	.182	.074	.744	.242	.428	.030	.007	.127	.337
1975	.001	.001	.001	.001	.036	.001	.011	.028	.910	1.951	.702	1.140	.402
1976	.055	.001	.001	.001	.001	.001	.001	.001	.615	.001	.347	1.155	.133
1977	.187	.061	.024	.824	.765	.058	.092	.002	.001	.467	5.249	-	-
1978	.782	.015	-	1.490	3.211	.113	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean	.143	.009	.004	.550	.514	.068	.151	.038	.195	.391	1.113	.557	.312
Median	.055	.001	.001	.001	.182	.001	.006	.001	.005	.138	.347	.169	
Maximum	.782	.061	.024	2.209	3.211	.362	.744	.242	.910	1.951	5.249	1.287	
Minimum	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	
St. dev.	.249	.020	.008	.803	1.039	.118	.268	.083	.353	.652	2.043	.553	
CV	1.74	2.16	1.84	1.47	2.02	1.73	1.78	2.19	1.81	1.67	1.84	.99	

Mean monthly flow in cubic metres per second

Data flags

Missing - flag "-"

Original - no flag set

Estimate - flag "e"

## **APPENDIX B**

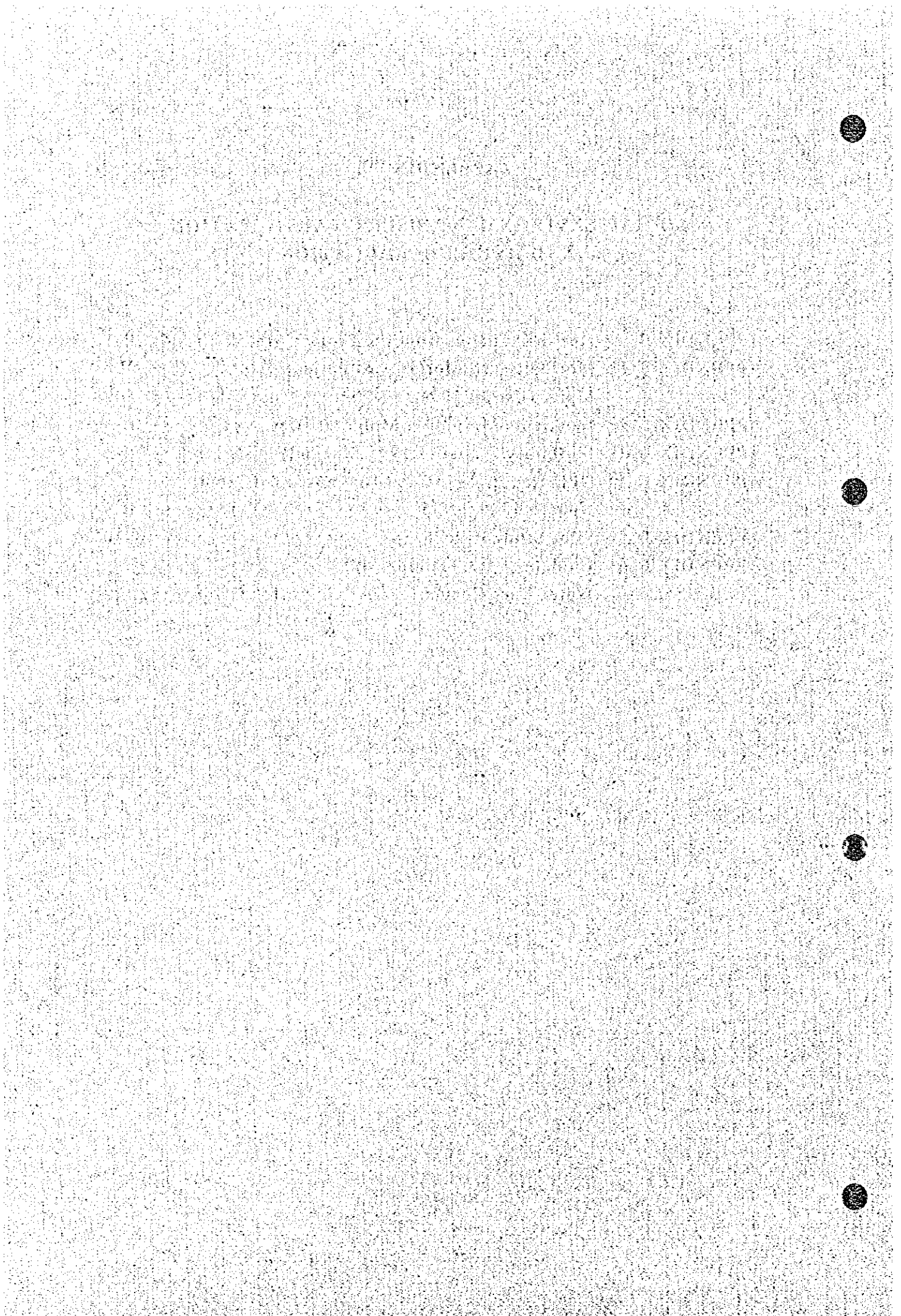
### **SOCIAL ENVIRONMENT, USERS' PARTICIPATION AND HYGIENIC EDUCATION**

<b>APPENDIX B :</b>	<b>Health Statistics from the Project Area &amp; Uganda</b>	<b>B-1</b>
<b>APPENDIX B-1 :</b>	<b>Morbidity and Mortality in Patients in Mpigi District 1994 .....</b>	<b>B-2</b>
<b>APPENDIX B-2 :</b>	<b>Inpatients Morbidity, Mpigi District 1994 .....</b>	<b>B-3</b>
<b>APPENDIX B-3 :</b>	<b>Morbidity Statistics 1995 Mubende District .....</b>	<b>B-6</b>
<b>APPENDIX B-4 :</b>	<b>OPD Report 1995 All Diagnosed per Month Update of 12/12/95 .....</b>	<b>B-9</b>
<b>APPENDIX B-5 :</b>	<b>Pilot Study Baseline .....</b>	<b>B-10</b>
<b>APPENDIX B-6 :</b>	<b>Guidelines for Training of Water User Committee .....</b>	<b>B-12</b>

## **APPENDIX B**

### **SOCIAL ENVIRONMENT, USERS' PARTICIPATION AND HYGIENIC EDUCATION**

<b>APPENDIX B</b>	<b>: Health Statistics from the Project Area &amp; Uganda</b>	<b>B-1</b>
<b>APPENDIX B-1</b>	<b>: Morbidity and Mortality in Patients in Mpigi District 1994 .....</b>	<b>B-2</b>
<b>APPENDIX B-2</b>	<b>: Inpatients Morbidity, Mpigi District 1994 .....</b>	<b>B-3</b>
<b>APPENDIX B-3</b>	<b>: Morbidity Statistics 1995 Mubende District .....</b>	<b>B-6</b>
<b>APPENDIX B-4</b>	<b>: OPD Report 1995 All Diagnosed per Month Update of 12/12/95 .....</b>	<b>B-9</b>
<b>APPENDIX B-5</b>	<b>: Pilot Study Baseline .....</b>	<b>B-10</b>
<b>APPENDIX B-6</b>	<b>: Guidelines for Training of Water User Committee .....</b>	<b>B-12</b>



## **APPENDIX B : HEALTH STATISTICS FROM THE PROJECT AREA & UGANDA**

The health statistical data included in this appendix are Out-Patient Data from the reporting health units in the three districts Kiboga, Mpigi and Mubende. Further there is In-Patient data from the reporting Health Units in Mpigi. No In-patient data were available from Mubende or Kiboga District. All data are from the Health Planning Unit, MOH and the district health facilities.

### **Reliability of Health Statistics**

The only statistical data available on the health status in the project area are those compiled from reporting health units (HU) in the districts. Naturally these data can only be used as a guideline to determine the WES related health problems in the project area. The reliability of the available statistical data is very low for several reasons (some are mentioned below) :

- (1) Under reporting (delayed or no-reporting)
- (2) Delayed data entry at national level
- (3) Diagnostic bias.  
Most HU staff classify symptoms as diseases based on their assumptions; e.g., fever is often diagnosed as malaria, without further investigations.
- (4) HU bias.  
HU data only represent the segment of the population, who seek care at HUs.  
Therefore, WES related diseases, which often are more common in poor people tend to be severely under represented, just like diseases causing limited morbidity (e.g., initial stages of trachoma).
- (5) Unknown Denominator  
The population served by a health facility is not easily identified. Too large or too small a denominator may result in an under or over estimate of the local disease rate
- (6) Data entry and management errors.  
Patient's statistical data might be entered or classified incorrectly.



**APPENDIX B-1**  
**MORBIDITY AND MORTALITY IN PATIENTS IN MPIGI DISTRICT 1994**  
 BASED ON 4 REPORTING HOSPITALS OUT OF 5

	Under 5 Years	Percentage	5 Years & Above	Percentage	Total
Admissions	22375	38	39256	64	61631
Deaths	2389	55	1569	45	4358
Death/Admission case-fatality	11%		5%	7%	
Diagnoses	32357	40	48263	60	80620

	Under 5 Years		5 Years and above		Total		Total	
	Total	Dead	Total	Dead	Admission	Percentage	Dead	Percentage
Malaria	12384	616	11019	379	23383	29.0	995	22.9
Other Intestinal Infections	3376	338	2534	112	5910	7.3	450	10.4
Acute Lower Respiratory Infections	3760	316	1970	103	5730	7.1	419	9.6
Anaemias	3516	201	1076	83	4592	5.7	289	6.7
Other Complications in Pregnancies	7	3	4208	33	4215	5.2	36	0.8
Other Injuries	230	16	2541	60	2771	3.3	76	1.7
Acute Upper Respiratory Infections	1594	28	1148	29	2742	3.4	57	1.3
Measles	1636	269	668	39	2304	2.9	328	7.6
Other Infections and Parasitic Diseases	715	55	1529	35	2244	2.7	90	2.1
Ill Defined Conditions	940	99	1255	59	2195	2.7	158	3.6
AIDS	181	45	1562	271	1743	2.2	316	7.3
Abortion	0	0	1724	15	1724	2.1	15	0.4
Other Disorders of Female Genital Organs	31	1	1544	13	1575	1.9	14	0.3
Other Disorders of the Circulatory System	246	13	1312	68	1558	1.6	82	1.9
Pulmonary Tuberculosis	167	32	1179	60	1346	1.7	112	2.6
Other Diseases of the Digestive System	122	16	1082	69	1204	1.5	105	2.4
Inguinal and Other Hernias	123	2	1008	27	1131	1.4	29	0.7
Hypertension	170	1	938	29	1108	1.4	30	0.7
Disorders of the Urinary System	114	2	722	25	836	1.0	27	0.6
Fractures, all types	49	2	744	16	793	1.0	18	0.4
Infections of Skin and Subcutaneous Tissue	216	6	572	11	788	1.0	17	0.4
Meningitis	285	49	501	100	786	1.0	149	3.4
Other Diseases of Bones and Joints	89	0	624	17	713	0.9	17	0.4
Poisoning all Types	119	3	562	30	681	0.8	33	0.8
Other Pulmonary Diseases	347	4	331	13	678	0.8	17	0.4
Other Complications of Labour, Delivery, Postpartum	1	0	677	8	678	0.8	8	0.2
Other Types of Tuberculosis	91	6	503	8	594	0.7	14	0.3
Protein-Energy Malnutrition	452	68	53	6	506	0.6	74	1.7
Other Disorders of Male Genital Organs	56	1	343	5	401	0.5	6	0.1
Burns	210	20	151	17	361	0.5	37	0.9
Malignant Neoplasma All Sites	14	1	345	18	359	0.4	19	0.4
Asthma	73	2	286	9	359	0.5	11	0.3
Typhoid and Paratyphoid Fevers	66	5	283	17	349	0.4	22	0.5
Mental Diseases	13	0	313	4	326	0.4	4	0.1
Diabetes Mellitus	3	1	305	16	308	0.4	17	0.4
Other Diseases of the Nervous System	104	11	169	17	273	0.3	28	0.7
Other Dermaloses	44	1	209	5	253	0.3	6	0.1
Disorders of the Eye	105	0	135	0	240	0.3	0	0.0
Disorders of Liver and Gallbladder	22	4	210	16	232	0.3	20	0.5
Tetanus	104	66	86	35	190	0.2	101	2.3
Acute Appendicitis	2	0	163	1	165	0.2	1	0.0
Uterine Leiomyoma	2	0	162	2	164	0.2	2	0.1
Other and Unspecified Disorders of Metabolism	91	10	66	5	157	0.2	15	0.4
Mycoses	64	3	85	3	149	0.2	6	0.1
Disorders of the Ear	54	0	79	0	133	0.2	0	0.0
Benign or Unspecified Neoplasma Other Sites	6	0	125	1	131	0.1	1	0.0
Cholera	22	0	103	1	125	0.2	1	0.0
Hyperplasia of prostate	0	0	123	0	123	0.2	0	0.0
Shigellosis	19	1	102	1	121	0.2	2	0.1
Rheumatic Fever and Sequellae	21	3	95	8	116	0.1	11	0.3
Viral Hepatitis	22	1	71	4	93	0.1	5	0.1
Syphilis	22	0	69	1	91	0.1	1	0.0
Congenital Anomalies	56	9	32	1	88	0.1	10	0.2
Other Nutritional Deficiencies	64	5	9	0	73	0.1	5	0.1
Amoebiasis	11	1	60	0	71	0.1	1	0.0
Dental Diseases	8	1	55	0	63	0.1	1	0.0
Other Neonatal Disorders	57	19	6	1	63	0.0	20	0.5
Schistosomiasis (bilharzia)	3	0	56	3	59	0.1	3	0.1
Other Diseases of Blood and Blood-Forming Organs	11	0	43	3	54	0.1	3	0.1
Ectopic Pregnancy	0	0	53	1	53	0.1	1	0.0
Leprosy	8	0	35	0	43	0.1	0	0.0
Puerperal Infection	0	0	43	1	43	0.1	1	0.0
Diphtheria	8	0	30	0	38	0.1	0	0.0
Whooping Cough	19	2	15	2	34	0.0	4	0.1
Rickettsioses	11	0	19	0	30	0.0	0	0.0
Other Venereal Diseases	3	0	26	0	29	0.0	0	0.0
Other Disorders of Thyroid	2	0	16	1	18	0.0	1	0.0
Goitre	0	0	15	0	15	0.0	0	0.0
Rabies	2	0	12	0	14	0.0	0	0.0
Gonococcal Infections	2	0	12	0	14	0.0	0	0.0
Filarial Infection & Guinea Worm	2	0	12	0	14	0.0	0	0.0
Postpartum Haemorrhage	0	0	14	0	14	0.0	0	0.0
Acute Poliomyelitis	6	0	4	0	10	0.0	0	0.0
Trachoma	0	0	10	0	10	0.0	0	0.0
Chronic Ulcer of the Skin	0	0	9	0	9	0.0	0	0.0
Other Endocrine Disorders	1	0	7	0	8	0.0	0	0.0
Trypanosomiasis	1	0	4	0	5	0.0	0	0.0
Other Spirochaetal Infections	0	0	2	0	2	0.0	0	0.0
Total	32357	2376	48263	1963	80620	69.5	4341	100

**APPENDIX B-2**  
**INPATIENTS MORBIDITY, MPIGI DISTRICT 1994 (Table 1-3)**

**TOP TEN DISEASES OVERALL MORBIDITY**

**TABLE 1**

DIAGNOSIS	Admissions	Percentage
Malaria	23383	29.0
Ill-defined Intestinal Infections	4862	6.0
Bronchopneumonia, organism unspecified	4750	5.9
Iron Deficiency Anaemia	3358	4.2
Other Diseases of Upper Respiratory Tract	2517	3.1
Measles	2304	2.9
AIDS	1743	2.2
Unspecified Abortion	1688	2.1
Other Complications of Pregnancy	1592	2.0
Pulmonary Tuberculosis	1346	1.7

**TOP TEN DISEASES UNDER FIVE MORBIDITY**

**TABLE 2**

DIAGNOSIS	ADMISSIONS	PERCENTAGE
Malaria	12364	38.2
Bronchopneumonia, Organism Unspecified	3496	10.8
Ill-defined Intestinal Infections	3230	10.0
Iron Deficiency Anaemia	2623	8.1
Measles	1636	5.1
Other Diseases of Upper Respiratory Tract	1495	4.6
Other and Unspecified Anaemia	870	2.7
Kwashiorkor	452	1.4
Other and Ill-defined Conditions	374	1.2
Other Diseases of Respiratory System	310	1.0

**TOP TEN DISEASES OVER FIVE MORBIDITY**

**TABLE 3**

DIAGNOSIS	ADMISSIONS	PERCENTAGE
Malaria	11019	22.8
Unspecified Abortion	1688	3.5
Ill-defined Intestinal Infections	1632	3.4
Other complications of pregnancy	1592	3.3
AIDS	1562	3.2
Bronchopneumonia, organism unspecified	1254	2.6
Pulmonary Tuberculosis	1179	2.4
Normal Delivery	1173	2.4
Other diseases of upper respiratory tract	1022	2.1
Other indications for care	955	2.0

# APPENDIX B--2

## INPATIENTS MORBIDITY, MPIGI DISTRICT 1994 (Table 4-6)

### TOP TEN DISEASES OVERALL MORTALITY

TABLE 4

DIAGNOSIS	DEATHS	PERCENTAGE
Malaria	995	22.9
Ill-defined Intestinal Infections	430	9.9
Bronchopneumonia, organism unspecified	373	8.6
Measles	328	7.6
AIDS	316	7.3
Iron Deficiency Anaemia	190	4.4
Bacterial Meningitis	146	3.4
Pulmonary Tuberculosis	112	2.6
Tetanus	101	2.3
Other and Unspecified Anaemias	95	2.2

### TOP TEN DISEASES UNDER FIVE MORTALITY

TABLE 5

DIAGNOSIS	DEATHS	PERCENTAGE
Malaria	616	25.9
Ill-defined Intestinal Infections	332	14.0
Bronchopneumonia, Organism unspecified	296	12.4
Measles	289	12.2
Iron Deficiency Anaemia	137	5.8
Ill-defined Conditions	79	3.3
Kwashiorkor	68	2.9
Tetanus	66	2.8
Unspecified Anaemia	63	2.6
Septicaemia	50	2.1

### TOP TEN DISEASES OVER FIVE MORTALITY

TABLE 6

DIAGNOSIS	DEATHS	PERCENTAGE
Malaria	379	19.3
AIDS	271	13.8
Ill-defined Intestinal Infections	98	5.0
Bacterial Meningitis	97	4.9
Pulmonary Tuberculosis	80	4.1
Bronchopneumonia, organism unspecified	77	3.9
Intestinal obstruction without Hernia	61	3.1
Iron Deficiency Anaemia	53	2.7
Measles	39	2.0
Other Ill-defined causes of Morbidity	38	1.9

**APPENDIX B--2**  
**INPATIENTS CASE FATALITY, MPIGI DISTRICT 1994 (Table 7-9)**

**TOP TEN FATALITY ALL AGES**

**TABLE 7**

DIAGNOSIS	ADMISSIONS	DEATHS	PERCENTAGE
Tetanus	190	101	53.2
Bacterial Meningitis	777	146	18.8
AIDS	1743	316	18.1
Measles	2304	328	14.2
Ill-defined Intestinal Infections	4862	430	8.8
Pulmonary Tuberculosis	1346	112	8.3
Other and Unspecified Anaemias	1189	95	8.0
Bronchopneumonia, organism unspecified	4750	373	7.9
Iron Deficiency Anaemia	3358	190	5.7
Malaria	23383	995	4.3

**TOP TEN CASE FATALITY RATE UNDER FIVE**

**TABLE 8**

DIAGNOSIS	ADMISSIONS	DEATHS	PERCENTAGE
Tetanus	104	66	63.5
Ill-defined Conditions	374	79	21.1
Measles	1636	289	17.7
Septicaemia	282	50	17.7
Kwashiorkor	452	68	15.0
Ill-defined Intestinal Infections	3230	9	10.3
Bronchopneumonia, organism unspecified	3496	296	8.5
Other unspecified Anaemias	870	63	7.2
Iron Deficiency Anaemia	2623	137	5.2
Malaria	12364	616	5.0

**TOP TEN CASE FATALITY RATE OVER FIVE**

**TABLE 9**

DIAGNOSIS	ADMISSIONS	DEATHS	PERCENTAGE
Bacterial Meningitis	496	97	19.6
Intestinal obstruction without Hernia	321	61	19.0
AIDS	1562	271	17.3
Iron Deficiency Anaemia	735	53	7.2
Pulmonary Tuberculosis	1179	80	6.8
Bronchopneumonia, organism unspecified	1254	77	6.1
Ill-defined Intestinal Infections	1632	98	6.0
Measles	668	39	5.8
Other Ill-defined and Unknown causes of Morbidity	798	38	4.8
Malaria	11019	379	3.4

APPENDIX B-3  
MORBIDITY STATISTICS 1995 MUBENDE DISTRICT

OUT PATIENT DEPARTMENTS

(1/3)

DIAGNOSIS	Under 5 years	5 Years and above	Total
Malaria	26996	43173	70169
Acute Upper Respiratory Infection	15703	22334	38037
Meningococcal Meningitis	15372	20623	35995
Trauma (e.g. injuries, wounds, burns)	13205	7421	20626
Anaemia not specified	5487	11724	17211
Acute Lower Respiratory Infection	6499	9134	15633
Diarrhoea with Blood	6267	5451	11718
Eye Infections	3340	6338	9678
Tuberculosis not specified	3526	2703	6229
Dental Caries	566	4317	4883
Human Immunodeficiency Virus	1010	2977	3989
Ear diseases	200	3507	3707
Genital Infections, Ulcerative	745	2516	3261
Diarrhoea non Bloody	1349	1699	3048
Measles	1739	963	2702
Complications of Pregnancy	0	2588	2588
Malnutrition	1868	604	2472
Other Diseases of the Ear and Throat	909	1431	2340
Genital Infection, Non Ulcerative	163	2009	2172
Other Diseases of the Urinary System	529	1342	1871
Dental Diseases	205	314	519
Whooping Cough	163	125	288
Rabies	31	78	109
Skin Diseases	40	65	105
Typhoid and Paratyphoid Fevers	18	83	101
Tetanus Neonatorum	20	0	20
Other Tetanus	9	5	14
Thyrotoxicosis	3	0	3
Acute Poliomyelitis	1	1	2
Other Diagnoses	4619	10972	15591
Total	110660	165308	275968

Reporting Units (Jan: 68, Feb: 44 March-Dec: 0)

APPENDIX B-3  
MORBIDITY STATISTICS 1995 MPIGI DISTRICT

OUT PATIENT DEPARTMENTS

(2/3)

DIAGNOSIS	Under 5 Years	5 Years and above	Total
Malaria	2678	3681	6359
Acute Lower Respiratory Infection	810	1109	1919
Acute Upper Respiratory Infection	400	511	911
Trauma (injuries, wounds, burn)	113	717	830
Dental Diseases	50	668	718
Intestinal Worms	226	437	663
Skin Diseases	215	428	643
Complications of Pregnancy	0	537	537
Diarrhoea with Blood	277	194	471
Genital Infections Non, Ulcerative	0	332	332
Genital Infections, Ulcerative	11	299	310
Eye Infections	36	268	304
Rabies	19	235	254
Other Diseases of the urinary system	18	209	227
Ear diseases	66	157	223
Anaemia not specified	104	63	167
Musculo Skeletal Disorders	0	156	156
Heart Disorders	0	121	121
Human Immunodeficiency Virus	19	96	115
Meningococcal Meningitis	32	34	66
Measles	16	19	35
Malnutrition	18	9	27
Tuberculosis	5	20	25
Acute Poliomyelitis	0	14	14
Tetanus Neonatorum	1	0	1
Other Diagnoses	110	382	492
Total	5224	10696	15920

Reporting Units (Jan: 2, Feb: 1, March: 2, April: 2, May: 2, June: 1, July: 2, Aug: 1, Sept: 1)

**APPENDIX B--3**  
**MORBIDITY STATISTICS 1995 KIBOGA DISTRICT**

**OUTPATIENT DEPARTMENTS**

(3/3)

DIAGNOSIS	Under 5 Years	5 Years and above	Total
Malaria	8247	11020	19267
Acute Lower Respiratory Infection	5017	6678	11695
Trauma (e.g. injuries, wounds, burns)	1908	4846	6754
Intestinal Worms	2411	4066	6477
Acute Upper Respiratory Infection	1475	1962	3437
Diarrhoea with Blood	1840	1559	3399
Skin Diseases	1333	1677	3010
Eye Infections	1130	1603	2733
Dental Diseases	55	1969	2024
Anaemia	800	1073	1873
Measles	650	596	1246
Ear Diseases	524	650	1174
Genital Infection, Non Ulcerative	68	1048	1116
Human Immunodeficiency Virus	51	972	1023
Complications of Pregnancy	0	952	952
Genital Infections Ulcerative	122	662	784
Other Diseases of the Urinary System	196	521	717
Diarrhoea non Bloody	170	478	648
Malnutrition	445	100	545
Tuberculosis	5	141	146
Rabies	2	58	60
Meningococcal Meningitis	4	4	8
Whooping Cough	5	1	6
Tetanus Neonatorum	2	1	3
Plague	0	2	2
Congenital Syphilis	0	2	2
Other Diagnoses	298	1316	1614
<b>Total</b>	<b>26758</b>	<b>43957</b>	<b>70715</b>

Reporting Units: (Jan: 22, Feb: 14, Mar: 1, Apr: 17, May: 20, June: 16, July: 16, Aug: 18, Sept: 17,  
Oct-Dec: 0)

# APPENDIX B-4 OPD REPORT 1995 ALL DIAGNOSES PER MONTH UPDATE OF 12/12/95

ALL AGES	MONTH												TOTAL
DISEASE	1	2	3	4	5	6	7	8	9	10	11	12	
Acute Lower Respiratory Infections	101348	83629	90778	79086	78597	75093	73918	61576	20186	10469	9054	7863	687759
Acute Poliomyelitis	145	129	289	119	9	27	24	4	7	17	2	4	756
Acute Upper Respiratory Infections	39250	39628	40813	47709	45409	49773	33864	42087	30208	13461	10559	9777	390518
Anemia due to Iron Deficiency	555	444	0	0	0	0	0	0	0	0	0	1583	2582
Anemia not specified	10843	8646	10069	9391	7854	6870	5140	5348	1171	414	229	120	66196
Cholera	74	123	84	47	6	189	579	16	0	0	0	1	1119
Complications of Pregnancy (not specified)	6054	5473	5825	5355	6479	7172	4579	2834	2247	794	628	268	47306
Dental Caries	982	929	1167	1034	3512	1346	1333	1831	70554	729	0	1138	84536
Dental Diseases	9883	6112	5849	7564	7536	7474	5794	3851	610	279	108	125	54985
Diabetes Mellitus	14	20	5	5	0	37	7	34	28	0	0	0	150
Diarrhea non bloody	6690	3079	3846	5490	5450	4269	3675	3309	2412	2303	2222	2406	45731
Diarrhea with blood	60374	28538	28955	32100	26495	22300	24196	19804	10420	3945	3521	3828	266076
Ear and Mastoid Process Other Diseases	0	226	363	442	597	520	65	307	235	0	0	0	2756
Ear Diseases	9063	6664	6866	7353	5796	12584	6075	3054	532	325	142	29	59703
Eye Infections	26078	19293	17682	21349	21010	20430	17925	16149	8460	3562	2670	3178	178186
Filariasis	2	0	0	1	0	0	0	0	0	0	0	0	3
Genital Infection Non Ulcerative	6083	4528	4561	6285	5283	7251	5413	15396	1864	761	397	546	58368
Genital Infections Ulcerative	4374	3344	17356	4083	4014	4826	3981	2851	1608	665	484	430	47996
Guinea Worm (Dracunculiasis)	5	2	0	0	0	21	0	1	0	0	0	0	10
Heart Disorders not specified	417	545	1122	311	300	724	757	484	116	77	0	0	4853
Heart Failure	1981	1145	1612	1271	1640	2519	1287	1745	650	483	125	231	14689
Human Immunodeficiency Virus (HIV) Disease	59446	46265	42409	54052	52405	58568	47866	42607	26939	7214	6199	7539	451509
Intestinal Worms	0	1	0	12	12	0	0	0	0	0	0	0	25
Leptospirosis	181954	157825	120702	143070	152968	152631	132322	124219	37309	23479	18135	76926	1321540
Malaria	5626	4303	4141	5947	4134	4447	17343	4290	582	582	432	173	54671
Measles	4761	4087	4424	3937	3946	2759	1811	2134	862	924	796	717	30858
Meningococcal Meningitis	700	338	298	130	74	124	46	30	13	3	4	2	1782
Meningitis not specified	370	0	0	0	0	374	229	503	72	66	0	0	3589
Mental and Behavioral Disorders, Other/Unspecified	0	0	0	0	0	0	0	0	92	116	0	0	208
Mental/Behavioral Disorders due to Alcohol	0	0	0	0	0	0	0	0	0	0	0	0	0
Mumps	0	0	0	0	24	4	0	0	0	0	0	0	28
Musculo-Skeletal disorders not specified	931	796	499	841	303	197	203	183	2	0	0	0	3965
Obesity	0	0	0	0	0	0	0	0	0	0	0	0	0
Oncocarcinosis	0	0	0	0	0	2640	1036	0	0	0	0	0	3676
Plague	0	0	0	0	0	2	1	0	0	0	0	0	21
Rabies	101	54	72	134	174	159	13	22	5	0	2	0	736
Rheumatoid Arthritis and other inflammatory Polyar	2075	1970	754	695	51	82	150	39	60	44	37	0	60
Schistosomiasis	0	0	0	0	0	0	0	0	0	0	0	0	5897
Sexually Transmitted Chlamydia Diseases	0	0	0	0	0	0	0	0	0	0	0	0	147
Sexually Transmitted Infection Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Skin Diseases	24602	21541	16007	21059	21258	23756	19534	24356	8135	3358	2320	2628	188554
Soft Tissue Disorders	0	0	0	0	0	36	0	0	0	0	0	0	36
Splenomegaly	0	0	0	248	278	438	597	551	480	0	0	0	2570
Tetanus Neonatorum	138	96	66	46	33	25	12	18	8	8	5	3	460
Tetanus Non Neonatal	0	5	1	619	14	514	1	14	10	5	0	0	1183
Thyroiditis	0	0	0	0	0	0	0	0	0	0	0	0	3
Trachoma	40737	29228	27600	37125	33297	34977	31112	19385	13008	5377	3921	1843	277620
Trauma (injuries, wounds, burns)	0	0	0	60	2	1	0	3	0	0	0	0	66
Trypanosomiasis	0	0	0	40	0	0	0	15	16	0	0	0	71
Tuberculosis Other Types	1930	1177	1124	1798	2624	1845	1815	1208	329	159	68	31	14106
Tuberculosis not specified	0	0	0	0	0	15	14	0	0	0	0	0	57
Tuberculosis of the Respiratory Tract	279	291	436	204	198	163	256	158	558	30	27	0	2600
Typhoid and paratyphoid Fevers	16807	14079	15447	12933	8558	1798	869	636	247	247	239	0	69860
Urinary System Other Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral Diseases Other/Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis Other	529	270	273	277	96	70	30	68	1	162	3	0	1779
Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Fever	22370	16331	15773	22569	46238	33829	28997	17069	9748	6246	5576	4716	229962
Other Diagnoses	647850	511307	488759	532489	545374	549851	472753	422829	233875	86799	67921	126125	4700632
Total													



**APPENDIX B-5**  
**PILOT STUDY BASELINE**

( 1/2 )

VARIABLE DESCRIPTION		PILOT	PRIORITY	TOTAL
1. RESPONDENT		n = 40	n = 60	n = 100
Gender	Female	62.5% (25)	68.3% (41)	66.0% (66)
	Male	37.5% (15)	31.7% (19)	34.0% (34)
Age in years	Mean (Std.)	39.7 (16.20)	37.8 (16.92)	38.6 (16.58)
	[Min. ; Max.]	[18 ; 70]	[15 ; 82]	[15 ; 82]
Religion	Christian	77.5% (31)	63.3% (38)	69.0% (69)
	Moslem	22.5% (9)	36.7% (22)	31.0% (31)
Tribe	Ganda	80.0% (32)	88.3% (53)	85.0% (85)
	Other-Ugandan	7.5% (3)	10.0% (6)	11.0% (11)
	Non-Ugandan	12.5% (5)	1.7% (1)	4.0% (4)
Education	None	17.5% (7)	15.0% (9)	16.0% (16)
	Primary	4.4 (2.56)	5.1 (2.61)	4.8 (2.60)
	Mean Yr. Primary	{ 0 ; 8 }	{ 0 ; 8 }	{ 0 ; 8 }
	Secondary	0.2 (0.77)	1.0 (1.44)	0.7 (1.26)
		{ 0 ; 4 }	{ 0 ; 4 }	{ 0 ; 4 }
	Adult Education	0% (0)	1.7% (1)	1.0% (1)
	Other Education	2.5% (1)	10.0% (6)	7.0% (7)
2. SOCIO-ECONOMIC INDICATORS				
HH Demographics	Female-headed HH	22.5% (9)	25.0% (15)	24.0% (24)
	Male-Headed HH	77.5% (31)	75.0% (45)	75.0% (76)
	Total HH members	5.2 (3.25)	6.8 (3.49)	6.1 (3.46)
	[Min. ; Max.]	[1 ; 15]	[1 ; 15]	[1 ; 15]
	Children under Five	1.5 (1.34)	1.8 (1.45)	1.7 (1.41)
	[Min. ; Max.]	[0 ; 4]	[0 ; 7]	[0 ; 7]
Expenditures last month (US\$)	Water	0 (0)	800 (4027.7)	480 (3134.1)
		[0 ; 0]	[0 ; 30000]	[0 ; 30000]
	Western Medicine	2146 (2041.8)	3819 (8381.9)	3150 (6647.6)
		[0 ; 7000]	[0 ; 40000]	[0 ; 40000]
	Traditional Medicine	275 (1580.9)	442 (2649.9)	375 (2275.1)
		[0 ; 10000]	[0 ; 20000]	[0 ; 20000]
Present Wealth	Sugar	80.0% (32)	86.7% (52)	84.0% (84)
	Oil	77.5% (31)	83.3% (50)	81.0% (81)
	Soap	100% (40)	100% (60)	100% (100)
	Paraffin	100% (40)	100% (60)	100% (100)
	Salt	100% (40)	100% (60)	100% (100)
Accumulated Wealth	Mats	3.9 (2.42)	5.9 (6.09)	5.2 (5.16)
		[0 ; 10]	[0 ; 42]	[0 ; 42]
	Blanket	3.3 (2.16)	5.6 (4.27)	4.7 (3.66)
		[0 ; 10]	[0 ; 16]	[0 ; 16]
	Chair	2.8 (1.70)	3.6 (2.88)	3.3 (2.55)
		[0 ; 6]	[0 ; 15]	[0 ; 15]
	Bed	2.3 (1.64)	3.3 (2.73)	2.9 (2.39)
		[0 ; 8]	[0 ; 12]	[0 ; 12]
	Cupboard	0.8 (0.75)	1.3 (1.27)	1.3 (1.11)
		[0 ; 3]	[0 ; 5]	[0 ; 5]
	Chicken	4.2 (4.31)	8.1 (32.26)	6.5 (25.12)
		[0 ; 20]	[0 ; 250]	[0 ; 250]
	Goat / Sheep	0.9 (1.59)	2.7 (4.08)	2.0 (3.94)
		[0 ; 8]	[0 ; 21]	[0 ; 21]
	Cow	0.4 (1.21)	0.8 (2.18)	0.6 (1.86)
		[0 ; 6]	[0 ; 13]	[0 ; 13]
	Burnt - Brick House	22.5% (9)	30.0% (18)	27.0% (27)
	Iron sheet - Roofing	70.0% (28)	83.3% (50)	78.0% (78)
	Glass Windows	5.0% (2)	13.3% (8)	10.0% (10)

# PILOT STUDY BASELINE

( 2/2 )

VARIABLE DESCRIPTION		PILOT	PRIORITY	TOTAL
3. ENVIRONMENTAL HEALTH		n = 40	n = 60	n = 100
HH-Environment	Rooms in HH	3.7 (1.35) [ 1 ; 6 ]	3.8 (1.59) [ 1 ; 8 ]	3.8 (1.49) [ 1 ; 8 ]
	Crowding	1.5 (1.07) [ 0.25 ; 5.0 ]	2.0 (1.20) [ 0.33 ; 8.0 ]	1.8 (1.16) [ 0.25 ; 8.0 ]
	House (Good /Average /Poor)	( 8 / 29 / 3 )	( 19 / 30 / 11 )	( 27 / 59 / 14 )
	Ventilation ( G/A/P )	( 8 / 20 / 12 )	( 14 / 32 / 14 )	( 22 / 52 / 26 )
	Clean inside ( G/A/P )	( 6 / 26 / 8 )	( 20 / 32 / 8 )	( 26 / 58 / 16 )
	Clean Outside ( G/A/P )	( 8 / 28 / 4 )	( 25 / 27 / 8 )	( 33 / 55 / 12 )
	Smeared Floor	75.0% ( 30 )	65.0% ( 39 )	69.0% ( 69 )
	Smeared Walls	85.0% ( 34 )	66.7% ( 40 )	74.0% ( 74 )
	Refuse Pit	5.0% ( 2 )	18.3% ( 11 )	13.0% ( 13 )
	Soak-away Pit	5.0% ( 2 )	11.7% ( 7 )	9.0% ( 9 )
	Dish Rack	70.0% ( 28 )	66.7% ( 40 )	68.0% ( 68 )
	Fuel Saving Stove	7.5% ( 3 )	18.3% ( 11 )	14.0% ( 14 )
General Hygiene	Covered Drinking Water	95.0% ( 38 )	90.0% ( 54 )	87.0% ( 87 )
	Covered Food	92.2% ( 37 )	80.0% ( 48 )	73.0% ( 73 )
	Two-cup-system	27.5% ( 11 )	100% ( 60 )	100% ( 100 )
Personal Hygiene	Clean Hands	82.5% ( 33 )	90.0% ( 54 )	87.0% ( 87 )
	Clean Clothes	62.5% ( 25 )	80.0% ( 48 )	73.0% ( 73 )
	Use latrine for defecation	100% ( 40 )	100% ( 60 )	100% ( 100 )
	Age for latrine use (Month)	40.6 ( 14.40 ) [ 12 ; 84 ]	40.8 ( 12.51 ) [ 12 ; 72 ]	40.7 ( 13.23 ) [ 12 ; 84 ]
Sanitation	NO latrine	10.0% ( 4 )	3.3% ( 2 )	6.0% ( 6 )
	Traditional w/ dirt ground	65.0% ( 26 )	66.7% ( 40 )	66.0% ( 66 )
	Trad. w/ cement ground	10.0% ( 4 )	3.3% ( 2 )	6.0% ( 6 )
	Pit latrine w/ san-plat	7.5% ( 3 )	6.7% ( 4 )	7.0% ( 7 )
	Pit latrine w/ slab	7.5% ( 3 )	1.7% ( 1 )	14.0% ( 14 )
	Vent.Improv.Pit-latrine	0% ( 0 )	18.3% ( 11 )	1.0% ( 1 )
	Roof	83.3% ( 30 )	65.5% ( 38 )	72.3% ( 68 )
	Door	13.9% ( 5 )	37.9% ( 22 )	28.7% ( 27 )
	Smeared walls	80.6% ( 29 )	60.3% ( 35 )	68.1% ( 64 )
	A lid to cover the hole	25.0% ( 9 )	20.7% ( 12 )	22.3% ( 21 )
	Excreta contaminated	16.7% ( 6 )	24.1% ( 14 )	21.3% ( 20 )
	Bad smell	25.0% ( 9 )	24.1% ( 14 )	24.5% ( 23 )
	Many flies	8.3% ( 3 )	13.8% ( 8 )	11.7% ( 11 )
	Meter from latrine to HH	12.0 ( 7.73 ) [ 3 ; 50 ]	15.7 ( 25.09 ) [ 4 ; 200 ]	14.3 ( 20.28 ) [ 3 ; 200 ]
	Hand Washing Facilities	13.9% ( 5 )	20.7% ( 12 )	18.1% ( 17 )
	Meter from H-Wash to HH	[ 1 ; 7 ]	[ 1 ; 10 ]	[ 1 ; 10 ]
	Know of San-plats	92.5% ( 31 )	95.0% ( 57 )	94.0% ( 94 )
	Finds need to improve latrine	87.5% ( 35 )	91.7% ( 55 )	90.0% ( 90 )
Water	# 20 ltr Jerry can used a day	3.0 ( 1.48 ) [ 1 ; 7 ]	4.6 ( 3.11 ) [ 1 ; 20 ]	4.0 ( 2.68 ) [ 1 ; 20 ]
	Cost in USH per Jerry Can	0 ( 0 ) [ 0 ]	7.0 ( 30.38 ) [ 0 ; 200 ]	4.2 ( 23.71 ) [ 0 ; 200 ]
	Willing to pay (USH per JC)	47.9 ( 47.20 ) [ 0 ; 200 ]	38.7 ( 52.01 ) [ 0 ; 200 ]	42.4 ( 50.10 ) [ 0 ; 200 ]
	Is active in O&M	90.0% ( 36 )	85.0% ( 51 )	87.0% ( 87 )
4. CHILD HEALTH				
	HH w/ a Sick Child last week	54.8% ( 17/31 )	51.0% ( 26/51 )	52.4% ( 43/82 )
	Fever	94.1% ( 16/17 )	65.4% ( 17/26 )	76.7% ( 33/43 )
	Diarrhoea	5.9% ( 1/17 )	0% ( 0 )	2.3% ( 1/43 )
	Child taken to Clinic	47.1% ( 8/17 )	53.8% ( 14/26 )	51.2% ( 22/43 )
	Child taken to Trad.Healer	17.6% ( 3/17 )	7.7% ( 2/26 )	11.6% ( 5/43 )

## APPENDIX B-6

### Guidelines for Training of Water User Committee

( 1/10)

#### 1. TOPIC:

#### INTRODUCTION

#### Purpose:

To make participants get to know each other and the trainers.

#### Procedure:

Participants are given cards with alphabet letters and those with similar alphabet letter pair up and exchange brief history and then introduce each other.

#### Plenary:

Participants introduce each other in turns in the pairs.

#### HOPES AND FEARS

#### Purpose:

To enable participants express their hopes and fears about the workshop.

#### Procedures:

Each Participant is given a piece of paper to write both hopes and fears about the workshop.

One participant is chosen to come and write down the hopes and fears and one by one each participants gives both her/his hopes and fears and both lists of the hopes and fears is compiled and handed at the back of the classroom.

#### Plenary:

Hopes and fears are listed separately and each of the hopes and fears listed is discussed.

Hopes and fears not addressed by the timetable are included.

#### 2. TOPIC:

#### GENDER AND GENDER RELATED ISSUES

#### Tool: Gender Analysis

#### Pictures

1. Large pictures of a woman, a man and of both a woman and a man.
2. Small pictures showing the following activities being carried out by either:

#### A woman or a man

- |  |                          |
|--|--------------------------|
| 1) Washing of clothes                      | 7) Digging a pit latrine |
| 2) Cooking                                 | 8) Spring construction   |
| 3) Fetching water                          | 9) A meeting             |
| 4) Washing utensils                        | 10) Thatching a house    |
| 5) Assisting children to wash their hands. | 11) Spareparts shop      |
| 6) Removing baby's faeces                  | 12) Handpump mechanic    |

*Procedures:*

**Questionnaires**

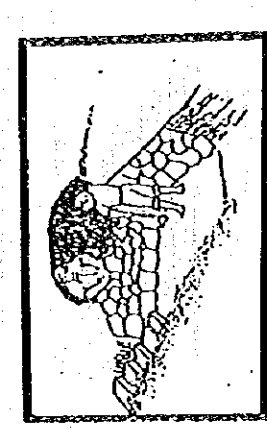
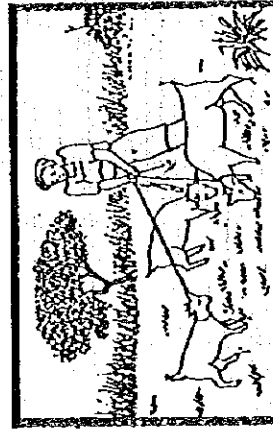
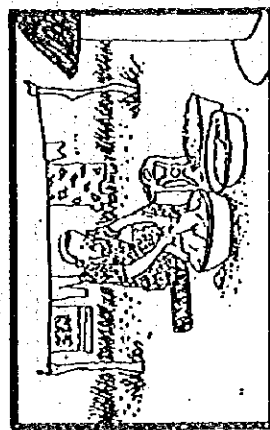
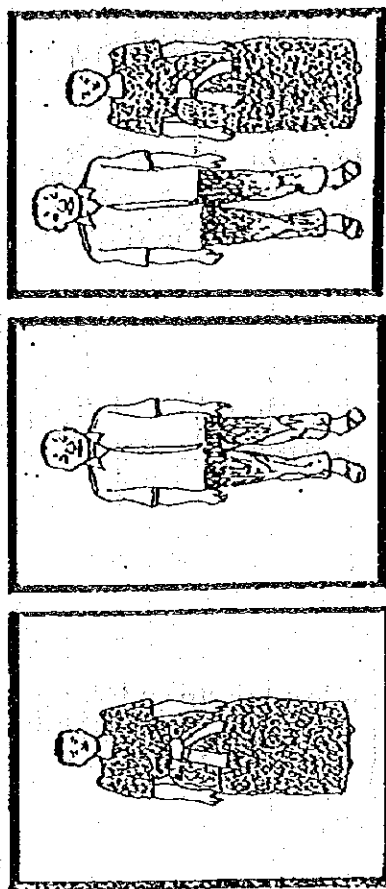
1. Divide the members into groups
2. Give out the large posters/pictures. These are to serve as the headings under which the small ones will be organised.
3. Give out small posters  
( One group uses men and one group uses women )
4. Ask member to arrange the pictures according to what activities are done by women and those done by the men in their communities.

*Plenary:*

1. Let each group present it's arrangements
2. Discuss the similarities and differences
3. Ask member to count the number of activities under each big poster. ( the heading women or men)
4. Discuss how more activities can be shared

*Note to trainer:*

- a) *Note down how many tasks are for both man and woman after the discussion*
- b) *Note if the number of shared activities have increased after the group discussion or not. Please record this for monitoring purposes.*



## 3. TOPIC:

## GUIDE TO FIELD VISIT

## Objective:

1. To familiarise the committees with the sanitation and hygiene status (facilities and activities/practices) within the community.
2. To help link up the field observations with learning sessions.

## Content:

## Sanitation status

- No. of latrines and state of homes visited
- No. of latrines with sanplats
- No. of latrines with handwashing facilities
- No. of latrines hygienically maintained
- Safe water chain - water containers - cleanliness
  - Water storage - conditions
  - Water
    - fencing
    - drainage
  - general maintenance
- Discuss where users come from i.e. either in the village or outside too ( i.e. R.C 1 boundaries ).

## Procedure:

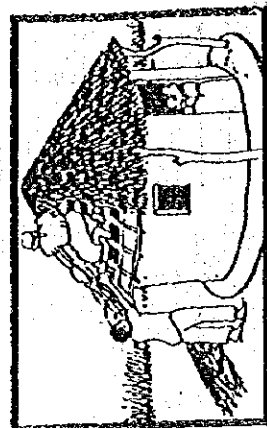
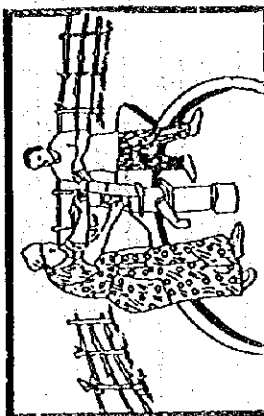
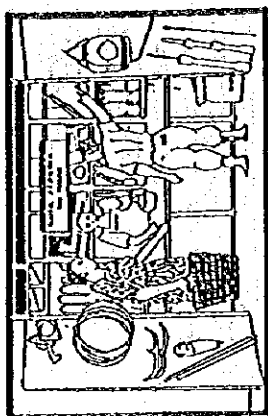
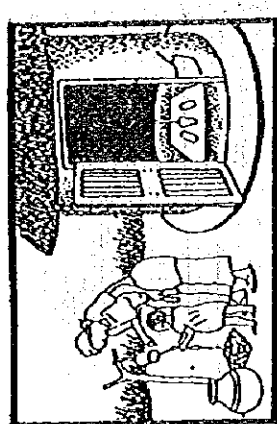
A brief walk around the homes (3-5) with the committee members; and to the water source if nearby.

## Plenary:

Discuss the field observations with the committees. take note of the various reasons being given for the present state.

## Note to trainers

The field visit should be as brief as possible ( 30 mins ). Both field visit and discussions should not take more than 1 hr. Try to link up learning sessions with field observations. i.e. state of latrines seen and those in the pictures.



#### 4 TOPIC:

### CONTROL OF DISEASES ASSOCIATED WITH POOR SANITATION AND HYGIENE

( 4/10)

#### Tool:

Faecal disease transmission routes.

#### Pictures:

Pictures of the following:

- Hand
- Uncovered food
- Un protected water source
- A fly
- A heap of faeces
- Animals and birds feeding in utensils
- Mouth

#### Procedure:

1. Divide members in two groups
2. Give out the pictures
3. Ask each group to arrange the pictures on a big paper/on a mat on the floor
4. Ask each group to come up with as many routes as possible of faecal diseases transmission using arrows of different colours., dots broken line

#### Plenary:

1. Each group presents it's routes.
2. Discuss the similarities and differences
3. Ask the members to go back in their groups then introduce the next tool.

#### Tool:

Faecal barriers

#### Pictures:

- a) Latrine
- b) Protected water source
- c) Covered food article
- d) Cooking food
- e) Boiling water
- f) Sandles
- g) Washing hands ( tippy tap/leaky tin)
- h) Refuse disposal

- i) Mother putting a kid on a latrine
- j) Taking baby's faeces to the latrine.

#### Procedure:

1. Give back the faecal route to each group
2. Give out the faecal barriers pictures
3. Ask each group the pictures on top of the arrow where they think the route can be blocked ( intervention)

#### Plenary:

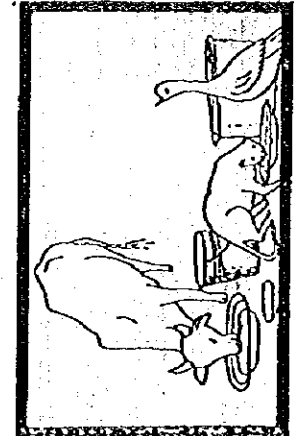
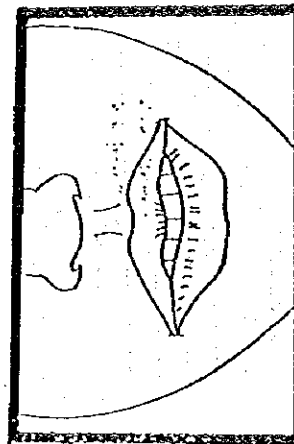
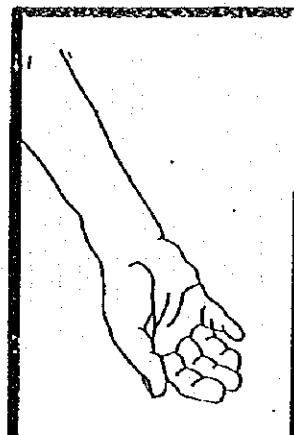
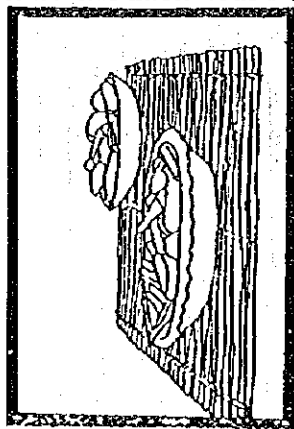
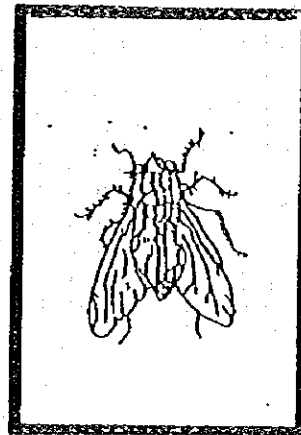
1. Each group presents it's barriers pictures
2. Discuss the presentations
3. Ask the committees which ones are being practised and encourage their promotion
4. Ask the committees which barriers are easy or difficult to practice (note them down)

#### Note to facilitator:

*Discuss with committees how to promote hygienic practices in their homes. e.g, provision of handwashing facilities.*

#### Making a Tippy Tap





**Objective:**

Participants are able to make handwashing facility.  
e.g Tippy-tap.

Give instructions on how to make a tippy tap.

Demonstrate making of a tippy tap.

Divide the participants into 4 groups.

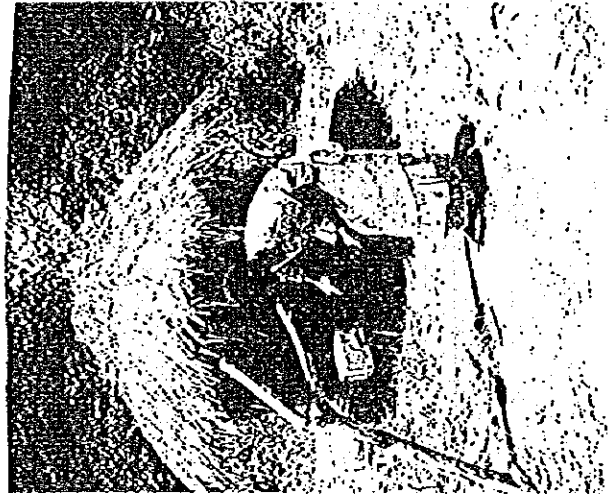
Ask each group to make a tippy tap.

A member in each group demonstrates to the rest of the class how to use a tippy tap.

Facilitator wraps up by asking the participants to mention advantages of a tippy tap.

**Materials:**

3 litre small jerrican, string or wire, 2 1/2 and 3" nails, banana fibre, a candle and a match box.



## 5. TOPIC:

## COMMUNITY PARTICIPATION AND VOLUNTARISM

## FAECAL BARRIERS

( 6/10)

### Purpose:

To stimulate individual and group ideas on the meaning and forms of community participation, assist participants to reconcile diverse view points and agreements.

### Note to trainer:

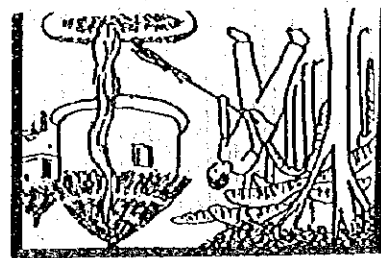
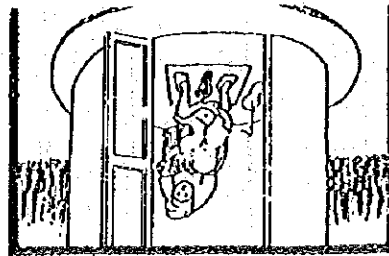
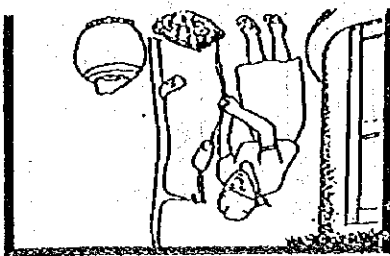
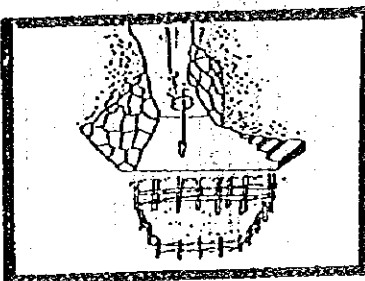
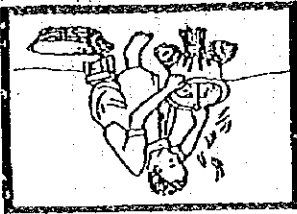
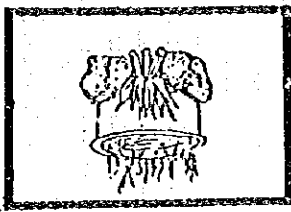
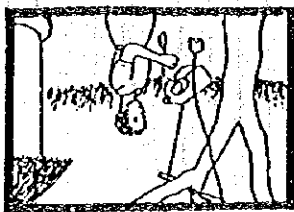
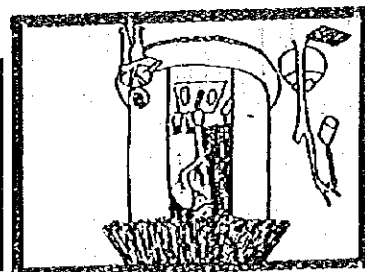
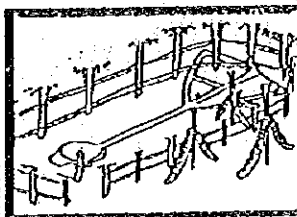
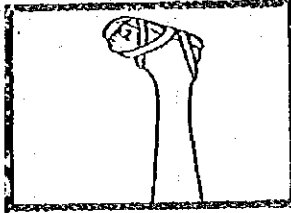
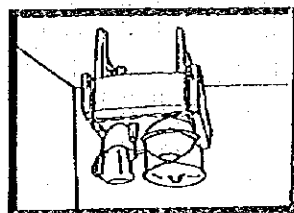
*This exercise is especially helpful in illustrating different view points of community participation among a very diverse group of trainees. The morale provides a vehicle for discussion leading to development of a common approach.*

*The participants are asked to use drawings rather than words for expressing their views, in order to increase the creative tension of the exercise. Some participants may protest that they cannot draw. Argue them to draw the simplest pictures and if possible to use stick figures or symbols.*

*Impress on them the value of using a new medium of communication which is creative and enjoyable.*

### Procedures:

Divide the participants into 3 small groups and not more than 10 members each. Ensure gender distribution.





**6. TOPIC:****ESSENTIALS OF A GOOD HOMESTEAD****Purpose:**

Participants should be able to list and describe essentials of a good homestead.

*Note to trainer is as for the previous topic.*

**Procedures:**

Divide the participants into 3 groups of not more than 10 people and should be different from those used in previous exercise. Ensure gender distribution.

Explain that this activity is to help the whole group identify and appreciate the essentials of a good homestead and the qualities of each.

Give one example of one item of a good homestead and list the qualities. Make sure that all participants have understood the exercise.

Ask each group to draw at least 12 essentials of a good homestead and describe the qualities of each. Give the group 20 minutes to complete the exercise and, if possible, rank them according to their importance.

Make sure that each group discusses and agrees by consensus on what to put on paper. Each group should have a discussion leader.

Each group then presents its work in plenary.

Facilitators then leads a discussion with all the participants and finally comes up with a standard list of the essentials of a good homestead and the qualities of each.

Facilitator wraps up by asking what the participants what they have learnt and how each one can be exemplary.

Explain that this activity is to help the whole group understand how each member feels about community participation.

Ask participants to draw a picture illustrating their concept of community participation focusing mainly on experiences of the water, sanitation/Hygiene and operation and maintenance of water systems. They have 10 minutes in which to complete the exercise.

Ask each group to share their individual drawings and to combine them into one display. Each group should choose one person to present to the large group in plenary.

Have each small group present their concepts of community participation to the rest of the participants.

Facilitator wraps up by asking what the participants have learnt from the exercise and summarises the advantages of community participation.

**Materials:** Newsprint; cello tape, markers.



**7. TOPIC:****Purpose:**

To enable the participants carry out successful home visiting in the rural communities.

**Procedure:**

Divide participants into 2 groups.

One group performs the role play of a good communicator and the other of a bad communicator.

Leave the groups to organise their roleplays and give them 15 minutes to complete the exercise.

Let each group present the roleplay.

Facilitator leads a discussion by asking participants to give their observations ranking them as negative and positive.

Participants are asked what they have learnt from the role play and a summary of home visiting approaches is made

**Note to trainers:**

*This exercise should help trainers bring out the good qualities of a good communicator basing on experiences of rural communities and should be to shape the participants into good communicator basing on the fact that behaviour change process in communities is slow and hence over coming the resistance to change is quite a big challenge*

**8. TOPIC:****Purpose:**

Assist participants identify problems pertaining to operation and maintenance of water sources, how such problems can be solved by communities and how to maintain a safe water chain.

**Tool: Story with a gap****Pictures:**

1. Large poster of a water source
  - a) Before scene ( problem situation ) i.e. A broken down bore hole/ spring, children playing on it, animals grazing around it, a broken fence, without water flowing.
  - b) After scene ( improving situation ) i.e. operating borehole well fenced borehole/spring, well managed drainage.
2. Small posters indicating the different stages of construction i.e.
  - a) A meeting in progress
  - b) Water source users' meeting
  - c) Cleaning the bush around the source
  - d) Delivery of materials on site
  - e) Repairing the source - borehole/spring
  - f) Fencing the source

**Procedure:**

1. Present the before picture to the communities and invite their comments on what they see ( note them down).
2. Tell a story of how that water source used to be so bad until the government or politician repaired it or provided a new one. After some time, it breaks down and there are now water related diseases in the community.

After a number of problems, the community did something which resulted into the present situation ( give after scene poster of a good water source.



3. Invite comments ( note them down).
4. Divide participants into groups
5. Ask for the causes in both situations ( note them down)
6. Give out the small pictures and ask the members to arrange them according to the activities which were carried out to improve the situation.

OR

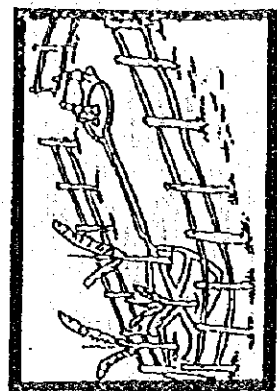
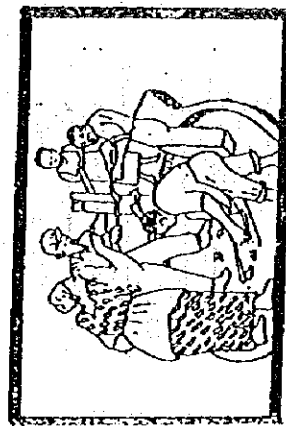
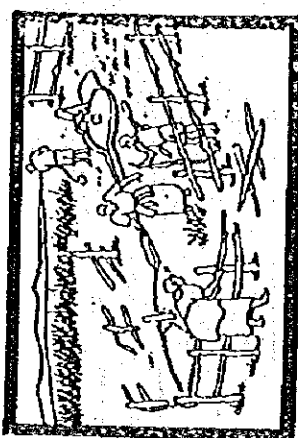
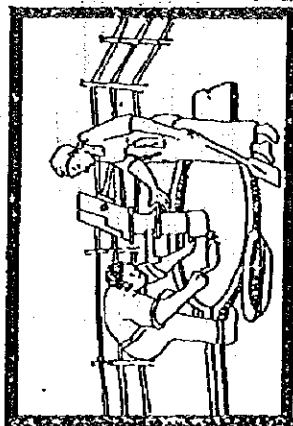
One group should discuss on the steps involved in improving the situation.

Plenary:

1. The groups present their steps.
2. Carry out a discussion on steps and their advantages.
3. In groups, ask members to come up with ways of preventing break down of the present situation ( note them down).
4. Discuss the proposed ways and means of operation and maintenance.
5. Mention the relevant options which have not been mentioned by the committees especially on raising funds, utilisation and accountability e.g. fixed rate system, graded rate system e.t.c.

Note to facilitator.

Steps from the discussing group should be similar to those in the small pictures



## 9. TOPIC:

# **MAINTAINING SANITATION FACILITIES (LATRINES)**

*Purpose:*

To assist participants to identify why latrines are not properly maintained and the possible solution to properly maintain latrines.

*Tool:*

*Sanitation ladder*

*Pictures:*

Pictures of different methods of faecal disposal

- a) Defecating in the bush (man or woman)
- b) Dog eating the faeces
- c) Covering faeces using a hoe
- d) Dropping/throwing faeces in the latrine using hoe
- e) A pit without a superstructure
- f) Pit and superstructure but without a roof
- g) A latrine with a sanplat but without a door
- h) A latrine with a good door but without a sanplat
- i) A latrine with a sanplat, a good door, roof, but without a handwashing facility
- j) Pit latrine with a door, sanplat and handwashing facility outside.

*Procedure:*

1. Divide the committee into 2 groups of each
2. Give out the pictures
3. Ask each group to arrange the pictures from the least desirable situation of faecal disposal to the most desirable situation.

*Plenary:*

1. Each group presents it's ladder
2. Discuss the similarities and differences/advantages and disadvantages of each stage.
3. Ask the committees at what stage they think most people in their village are
4. Ask members to identify reasons why it is difficult to climb the ladder (note them down)

OR

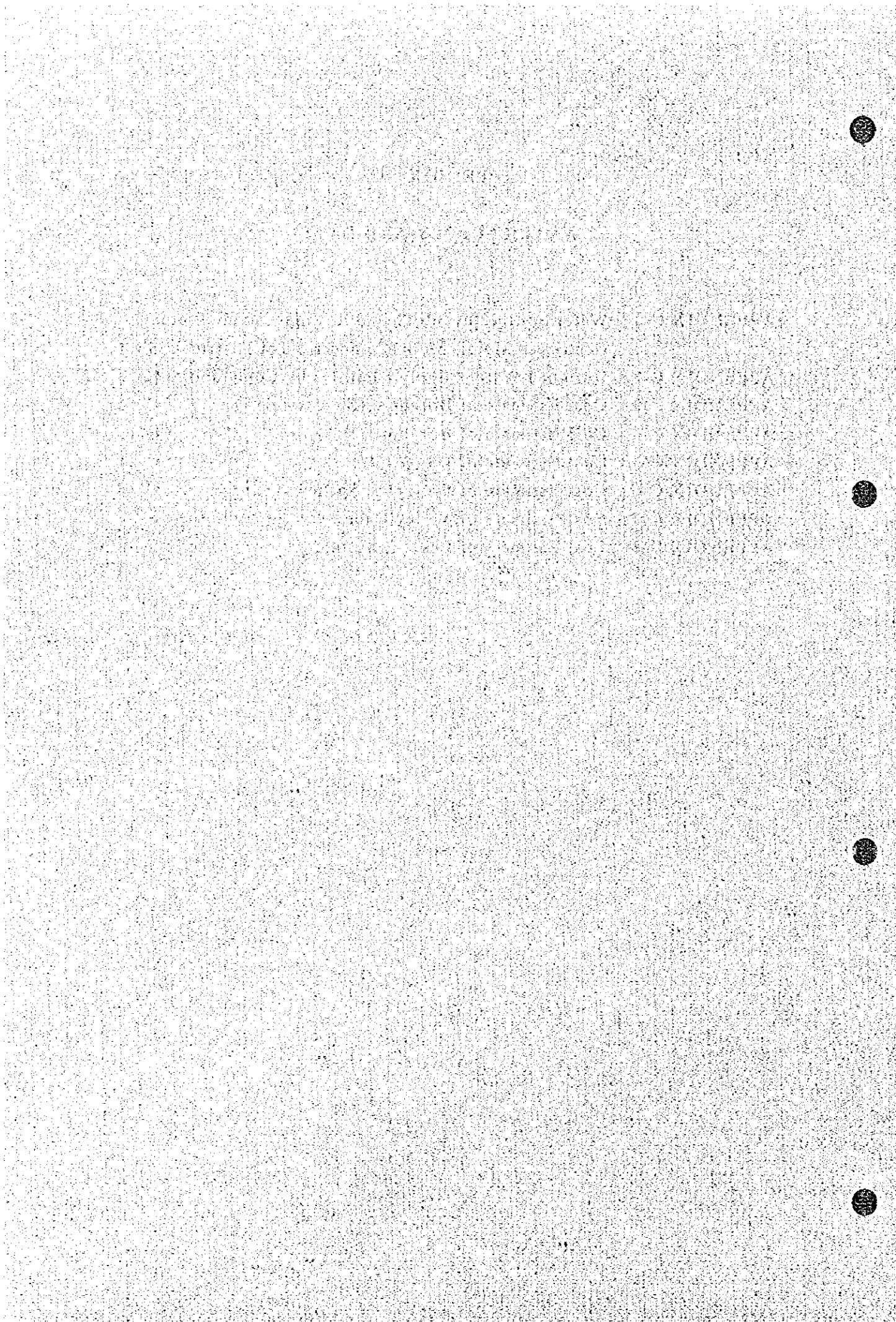
In groups let each groups suggest possible solutions to improve sanitation coverage within the area.



## **APPENDIX C**

### **WATER SUPPLY AND O&M**

<b>APPENDIX C-1 :</b>	<b>Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts</b>	<b>C- 1</b>
<b>APPENDIX C-2 :</b>	<b>Designed Water Supply Facilities by Community</b>	<b>C-10</b>
<b>APPENDIX C-3 :</b>	<b>Cost Estimate of Borehole (Successful) .....</b>	<b>C-16</b>
<b>APPENDIX C-4 :</b>	<b>Cost Estimate of Borehole (Dry) .....</b>	<b>C-19</b>
<b>APPENDIX C-5 :</b>	<b>Cost Estimate of Dug Well .....</b>	<b>C-21</b>
<b>APPENDIX C-6 :</b>	<b>Cost Estimate of Protected Spring .....</b>	<b>C-24</b>
<b>APPENDIX C-7 :</b>	<b>Cost Estimate of Valley Dam .....</b>	<b>C-27</b>
<b>APPENDIX C-8 :</b>	<b>Cost Estimate of Level-2 System .....</b>	<b>C-32</b>



# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

MPIGI

Sheet 1/9

VillNo.	VILLAGE	SUBCOUNTY	DISTRICT	Water Source in Use										Water Sources not in Use									
				BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc
1101	KYABAGAMBA	MADDU	MPIGI	0	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	
1102	KABALE	MADDU	MPIGI	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1103	KIGAYAZA	MADDU	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
1104	KALYANJUBA	MADDU	MPIGI	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
1105	KYAMBOBO	MADDU	MPIGI	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1106	LUKONDA	MADDU	MPIGI	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1107	MAKUKURU	MADDU	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1108	KYAMABALE	MADDU	MPIGI	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1109	KASAMBYA	MADDU	MPIGI	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1110	KAMENGO	MADDU	MPIGI	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1111	KIRASI	MADDU	MPIGI	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
1112	NAKITEMBE	MADDU	MPIGI	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1113	BUYANJA	MADDU	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1114	KAGONGERO	MADDU	MPIGI	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1115	KABWIRE	MADDU	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1116	KYETUME	SABADDU	MPIGI	0	0	0	0	0	0	3	0	0	0	0	2	0	0	1	0	0	0	0	
1117	KYENGERA	MADDU	MPIGI	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1118	KYANGABAKAMA	MADDU	MPIGI	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
1119	KYAYI	MADDU	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
1120	NABUGUYO	MADDU	MPIGI	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1120A Total				0	0	9	12	0	0	10	0	2	1	3	0	3	0	1	4	0	0	0	
1121	KALWANGA A	KABULASOKE	MPIGI	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
1122	KIRYANONGA	KABULASOKE	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
1123	KAKUBANSIRI	KABULASOKE	MPIGI	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
1124	LUBALE B	KABULASOKE	MPIGI	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
1125	NKOKONJERU	KABULASOKE	MPIGI	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	
1126	LUGAAGA	KABULASOKE	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
1127	LUSONGODE	KABULASOKE	MPIGI	0	0	3	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
1128	LUZIRA	KABULASOKE	MPIGI	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
1129	BULWADA EAST	KABULASOKE	MPIGI	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	
1129.1	BULWADDA W.	KABULASOKE	MPIGI	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
1130	KAWOKO	KABULASOKE	MPIGI	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1131	NAKULAMUDDE	KABULASOKE	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
1132	MAWUKI	KABULASOKE	MPIGI	1	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	
1132A Total				1	1	9	3	1	4	9	0	6	1	0	0	1	0	0	0	0	0	0	0
1133	KIRIRI	MPENJA	MPIGI	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1134	MPOGO	MPENJA	MPIGI	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1135	BUYINJABUTOOLE	MPENJA	MPIGI	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	
1136	PART OF 1133	MPENJA	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1137	NGEYE	MPENJA	MPIGI	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0	0	0	



# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

MPIGI

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Village	SUBCOUNTY	DISTRICT	Water Source in Use							Water Sources not in Use												
			BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc
1138 BUSOLO	MPENJA	MPIGI	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
1139 MASERUKA	MPENJA	MPIGI	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1140 KANZIRA	MPENJA	MPIGI	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1141 NGOMANENE	MPENJA	MPIGI	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1142 KYETUME	MPENJA	MPIGI	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1142A Total	MPENJA		1	0	2	0	3	13	1	0	2	0	0	0	0	0	1	1	0	0	0	0
1201 WAMIRONGO	KYAMBOGO	MPIGI	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1202 BUSUKUMA	KYAMBOGO	MPIGI	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0
1203 KASAMBYA	KYAMBOGO	MPIGI	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1204 KIKOKO	KYAMBOGO	MPIGI	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1205 SETTA	KYAMBOGO	MPIGI	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
1206 KLUJIDE	KYAMBOGO	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1207 MAGIGI	KYAMBOGO	MPIGI	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1208 KIWENDA	KYAMBOGO	MPIGI	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1210 NABITALO	KYAMBOGO	MPIGI	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1211 BUSO	KYAMBOGO	MPIGI	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1212 MENVU	KYAMBOGO	MPIGI	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	1	0	0	0
1213 KASOZI	KYAMBOGO	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1214 LUGO	KYAMBOGO	MPIGI	1	0	1	1	0	3	0	0	1	0	0	0	0	1	1	0	0	0	0	0
1215 MAIRYE	KYAMBOGO	MPIGI	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1215A Total	KYAMBOGO		2	1	3	1	1	14	3	0	2	1	0	0	0	1	2	0	3	0	1	0
1216 KAZINGA	NANGABO	MPIGI	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1216.1 BULAMUKASANGATI T/	NANGABO	MPIGI	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1217 SEETA	NANGABO	MPIGI	1	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1218 MAGERE	NANGABO	MPIGI	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1219 KAZINGA	NANGABO	MPIGI	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1220 KIWALIMU	NANGABO	MPIGI	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1221 KITI-A	NANGABO	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1222 MANYANGWA	NANGABO	MPIGI	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1223 NALYAMAGONJA	NANGABO	MPIGI	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1225A Total	NANGABO		3	2	1	0	2	8	0	0	2	1	0	0	1	0	0	0	0	0	0	0
1301 KWALA	NGANDO	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1302 NGANDO	NGANDO	MPIGI	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1303 KANZIRA	NGANDO	MPIGI	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1305 BWETYABA	NGANDO	MPIGI	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1306 LUGALI	NGANDO	MPIGI	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1307 NDBULUNGI	NGANDO	MPIGI	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1308 BUTENDE	NGANDO	MPIGI	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0
1309 BUKESA	NGANDO	MPIGI	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1310 TUFUBE	NGANDO	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

MPIGI

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Villno.	VILLAGE	SUBCOUNTY	DISTRICT	Water Source in Use										Water Sources not in Use									
				BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc
1311	BUGOBANGO	NGANDO	MPIGI	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>1311A Total</b>	<b>NGANDO</b>		<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
1401	KYENGEZA	MASULITA	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1402	WABIYINJA	MASULITA	MPIGI	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1403	NAKUNGUBE	MASULITAKIZIBA	MPIGI	0	0	0	0	0	2	0	0	0	0	4	4	4	4	4	4	2	4	4	1
1404	MASULITA A	MASULITA	MPIGI	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>1404A Total</b>	<b>MASULITA</b>		<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>1</b>
1405	KYANUNJA	NAMAYUMBA	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1406	KYAMPIGI	NAMAYUMBA	MPIGI	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1407	MALANGAATA	NAMAYUMBA	MPIGI	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
1408	BUGIMBA	NAMAYUMBA	MPIGI	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1409	MUGULUKA	NAMAYUMBA	MPIGI	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1410	BUSO	NAMAYUMBA	MPIGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1411	KYASA	NAMAYUMBA	MPIGI	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1412	BEMBE	NAMAYUMBA	MPIGI	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1413	NAMAYUMBA	NAMAYUMBA	MPIGI	0	0	0	2	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0
1414	BUSAKU	NAMAYUMBA	MPIGI	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1415	BUWEMBO	NAMAYUMBA	MPIGI	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>1415A Total</b>	<b>NAMAYUMBA</b>		<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
1416	KASENGEJE	WAKISO	MPIGI	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1417	MENDE CENTRAL	WAKISO	MPIGI	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0
1418	BUKASA	WAKISO	MPIGI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1419	KISIMBIRI A-C	WAKISO	MPIGI	2	2	0	0	4	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	<b>1419A Total</b>	<b>WAKISO</b>		<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1501	KITUNTU	KITUNTU	MPIGI	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	<b>1501A Total</b>	<b>KITUNTU</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1502	MPIGI			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>1502A Total</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1503	KIKOMAZI	NKOZI	MPIGI	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	<b>1503A Total</b>	<b>NKOZI</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>TOTAL MPIGI</b>			<b>12</b>	<b>7</b>	<b>40</b>	<b>18</b>	<b>12</b>	<b>68</b>	<b>38</b>	<b>0</b>	<b>22</b>	<b>5</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>5</b>	<b>14</b>	<b>5</b>	<b>2</b>	<b>1</b>

# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

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MUBENDE

VillNo.	VILLAGE	SUBCOUNTY	DISTRICT	Water Source in Use										Water Sources not in Use									
				BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc
2101	BUSOBAKISOMBWA	KITENGA	MUBENDE	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	
2102	KILANGWA	KITENGA	MUBENDE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
2103	KYENGEZA	KITENGA	MUBENDE	0	0	0	0	0	0	1	3	0	1	0	0	0	0	0	0	1	0	0	
2104	BUDIBAGA	KITENGA	MUBENDE	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2105	BWAKAGGO	KITENGA	MUBENDE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2105A Total				2	0	0	1	0	1	7	0	2	0	0	0	0	0	0	0	1	0	0	
2106	KALONGA	BAGEZA	MUBENDE	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
2107	MUGUNGULU	BAGEZA	MUBENDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	
2108	KISINGIZI	BAGEZA	MUBENDE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2109	KYAMUKONA	BAGEZA	MUBENDE	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	
2110	KYEGULUSO	BAGEZA	MUBENDE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2111	BAKUJILIRA	BAGEZA	MUBENDE	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	
2112	KABOWA	BAGEZA	MUBENDE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
2113	KABUBU	BAGEZA	MUBENDE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
2113A Total				2	0	0	1	0	1	6	0	0	1	1	0	0	0	0	0	5	0	0	
2114	KAMUSONGOLA	KASAMBYA	MUBENDE	0	0	0	0	0	0	0	3	2	0	0	0	4	4	4	4	1	2	1	
2115	NAKAWALA/WEGULA	KASAMBYA	MUBENDE	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2118	NAKASAGA	KASAMBYA	MUBENDE	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	
2119	KASAMBYA	KASAMBYA	MUBENDE	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	
2119A Total				1	0	0	1	0	4	4	2	0	0	6	4	4	4	4	4	1	2	1	1
2120	KIKOMA	MADUDU	MUBENDE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2121	NGABANO	MADUDU	MUBENDE	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	
2121A Total				0	0	0	0	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	
2122	KATOMA	KIYUNI	MUBENDE	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2122A Total				0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2201	KASSANDA	KASANDA	MUBENDE	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	
2202	NAMABAALLE	KASANDA	MUBENDE	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	
2203	KYABALANZI	KASANDA	MUBENDE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	
2204	KAMULI	KASANDA	MUBENDE	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	
2205	BWEYONGEDDE	KASANDA	MUBENDE	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	
2206	KASAZI A	KASANDA	MUBENDE	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	
2207	KALAMA	KASANDA	MUBENDE	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	
2208	KIKANDWA	KASANDA	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
2208A Total				0	0	0	0	6	6	11	0	2	1	2	0	0	0	0	0	0	0	1	0
2209	BURYAMAGUNJU	MYANZI	MUBENDE	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	
2210	MAKATA	MYANZI	MUBENDE	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	
2211	MIREMBE	MYANZI	MUBENDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2212	KALAMA	MYANZI	MUBENDE	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	0	
2213	KYAKASENGULA	MYANZI	MUBENDE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	

# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

MUBENDE

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Villno	VILLAGE	SUBCOUNTY	DISTRICT	Water Source in Use										Water Sources not in Use									
				BH	WP	WL	IDM	PS	US	WH	GF	RH	Etc	BH	WP	WL	IDM	PS	US	WH	GF	RH	Etc
2214	KIBANYI	MYANZI	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2215	BUKUBA	MYANZI	MUBENDE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2216	LUKIRA	MYANZI	MUBENDE	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
2217	KYAWATUBA	MYANZI	MUBENDE	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2218	KASANA	MYANZI	MUBENDE	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2218A Total	MYANZI		0	0	3	0	0	1	19	0	0	0	1	0	0	0	0	0	0	0	0	0
2219	KALAGI	KIGANDA	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2220	KAMUSENE	KIGANDA	MUBENDE	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
2221	MANYOGASEKA	KIGANDA	MUBENDE	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
2222	KASAWO	KIGANDA	MUBENDE	0	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
2223	LWENYANGE	KIGANDA	MUBENDE	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2224	MSALE	KIGANDA	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	2224A Total	KIGANDA		0	0	0	2	0	0	12	0	1	0	1	0	0	0	0	0	0	0	0	1
2225	MABUUBI	BUKUYA	MUBENDE	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2226	KALONGO	BUKUYA	MUBENDE	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2227	KITUMBI	BUKUYA	MUBENDE	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
2228	KANOGA	BUKUYA	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2228A Total	BUKUYA		0	0	0	0	0	4	6	0	1	0	0	0	0	0	0	0	0	0	0	0
2301	KIKUMBI KABA	BUSIMBI	MUBENDE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2302	NAKASETTA	BUSIMBI	MUBENDE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2303	NAMYESO	BUSIMBI	MUBENDE	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2304	BUGABO RC1	BUSIMBI	MUBENDE	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2305	KATAKALA	BUSIMBI	MUBENDE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2306	MAGONGOLO	BUSIMBI	MUBENDE	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2307	NAKIBANGA-NYANZI	BUSIMBI	MUBENDE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2307A Total	BUSIMBI		0	0	2	0	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2308	BUSIMBI	MITYANA	MUBENDE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2309	MITYANA A	MITYANA	MUBENDE	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2310A Total	MITYANA		0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2311	KALANGALO	BULERA	MUBENDE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1
2312	LWOGERO B	BULERA	MUBENDE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2313	KIWANDA	BULERA	MUBENDE	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2314	LWEYO B	BULERA	MUBENDE	0	0	0	0	2	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	2314A Total	BULERA		0	0	0	0	2	7	0	0	2	0	0	0	0	0	0	0	1	0	0	1
2315	KASIKOMBE	SEKANYONYI	MUBENDE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2316	KATUNGULU	SEKANYONYI	MUBENDE	0	0	0	0	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0
2317	IBUDIMBO	SEKANYONYI	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2318	KISAMBA	SEKANYONYI	MUBENDE	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0
2319	KAWOLONGOJO	SEKANYONYI	MUBENDE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

MUBENDE

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Village	Subcounty	District	Water Source in Use										Water Sources not in Use									
			BH	WP	WL	IDM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc
2320	NAMUNGO	MUBENDE	0	2	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0
2321	SEKANYONYI	MUBENDE	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1	0	0	0
2321A Total	SEKANYONYI		0	2	0	0	0	0	7	0	0	2	1	1	0	0	0	0	3	0	0	0
2322	BOMBO	MUBENDE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2323	KABULAMULIRO	MUBENDE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2324	BAMBULA	MUBENDE	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
2324A Total	KIKANDWA		1	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0
2401	SSERINNYA	MUBENDE	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2402	NABALE	MUBENDE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2403	MAANYI	MUBENDE	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2404	MPONGO	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2405	MISIMBA	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2406	KIMULI	MUBENDE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2407	KABELE	MUBENDE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2408	BUWALA	MUBENDE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2408A Total	MAANYI		1	0	7	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2409	BEKINA	MUBENDE	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
2410	KKANDE	MUBENDE	0	0	2	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0
2411	KITONGO	MUBENDE	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2412	NAKAZIBA	MUBENDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2413	KITEBERE	MUBENDE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2414	WATUBA	MUBENDE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2414A Total	BUTAYUNJA		0	1	3	1	0	5	2	0	1	0	1	0	0	0	0	0	0	0	0	0
2415	NABWIRI	MUBENDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2416	BUKUNDUGULU	MUBENDE	0	0	1	0	0	0	4	0	1	1	0	0	0	0	0	0	0	0	0	0
2417	BANANZE	MUBENDE	0	0	3	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0	0
2418	KALAMA	MUBENDE	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2419	NGUGULO	MUBENDE	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2420	MWERA	MUBENDE	2	1	0	0	1	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2421	KAKINDU	MUBENDE	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
2422	IMAWANDA	MUBENDE	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1	0
2422A Total	KAKINDU		3	1	4	0	4	11	8	1	3	2	0	0	0	0	0	0	1	1	1	0
2423	KIWAVU	MUBENDE	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2424	MAGONGA	MUBENDE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2425	LULUMBU	MUBENDE	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2426	KASALAGA	MUBENDE	0	0	0	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0
2426A Total	MALANGALA		1	0	0	0	1	6	1	0	1	0	1	0	0	0	0	0	0	0	1	0
	TOTAL MUBENDE		11	4	20	7	14	74	82	3	16	6	14	4	4	4	4	4	3	3	6	1

# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

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KIBOGA

Village	Subcounty	District	Water Source in Use										Water Sources not in Use									
			BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc
3101 KATEERA	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0
3102 KALANGALA	BUKOMERO	KIBOGA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3104 MASIRIBA	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
3105 KATWE	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	4	0	1	0	0	1	0	0	0	0	0	0
3106 MUYENJE	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
3107 KAYUNGA	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3108 KABAMBA WEST	BUKOMERO	KIBOGA	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3108.1 KABAMBA EAST	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
3109 BUKOMERO	BUKOMERO	KIBOGA	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3110 NAMUKOKO	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
3111 KAGOGO	BUKOMERO	KIBOGA	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
3112 MWEZI B	BUKOMERO	KIBOGA	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	1	0
3113A Total	BUKOMERO		0	0	0	0	2	4	16	7	8	0	0	1	0	0	0	0	0	0	1	0
3114 KYAMBIZI	NTWETWE	KIBOGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3115 NDIBATA	NTWETWE	KIBOGA	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
3116 BUGOMOLWA	NTWETWE	KIBOGA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3117 NTWETWE	NTWETWE	KIBOGA	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3118 KLEMEERA	NTWETWE	KIBOGA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3120 BULAGWE	NTWETWE	KIBOGA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3121 NKANDWA B	NTWETWE	KIBOGA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
3122 NYAKALAMA	NTWETWE	KIBOGA	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
3123 NTUUTI	NTWETWE	KIBOGA	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1	0	0	0
3124 KIKALJO	NTWETWE	KIBOGA	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
3125 ILWANJALO	NTWETWE	KIBOGA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
3125A Total	NTWETWE		3	0	0	1	0	0	14	0	2	1	0	0	0	0	0	0	1	0	0	0
3126 KASEGA	KIBIGA	KIBOGA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
3127 KIRINDA	KIBIGA	KIBOGA	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
3128 KIZINGA	KIBIGA	KIBOGA	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3129 NYAMIRINGA	KIBIGA	KIBOGA	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
3130 KAGOBÉ	KIBIGA	KIBOGA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3131 SSEEZA	KIBIGA	KIBOGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3132 KAMBUGU	KIBIGA	KIBOGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3133 KAMBUGU	KIBIGA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3134 KILYANKOZI	KIBIGA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3135 KATOMA	KIBIGA	KIBOGA	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
3136 KIBIGA	KIBIGA	KIBOGA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3137 GOGONYA	KIBIGA	KIBOGA	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3138 BUKASA	KIBIGA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3138.1 KALAGALAKIBOGBA	KIBIGA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3138A Total	KIBIGA		0	0	0	1	2	7	9	0	2	0	0	0	0	0	0	0	0	1	0	0

# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

KIBOGA

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Villno.	VILLAGE	SUBCOUNTY	DISTRICT	Water Source in Use							Water Sources not in Use													
				BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	
3139	KIWANGUZI	KIBOGA TOWN C.	KIBOGA	1	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
3140	BWIZIBWERA B	KIBOGA TOWN C.	KIBOGA	0	0	0	0	2	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
3142	LUFULA	KIBOGA TOWN C.	KIBOGA	1	0	0	0	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
3143	HOSPITAL I	KIBOGA TOWN C.	KIBOGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3144	BWIZIBWERA A	KIBOGA TOWN C.	KIBOGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3144A Total				2	0	0	0	3	10	6	0	0	0	1	0	0	0	0	0	0	0	0	0	
3145	SSINDE	LWAMATA	KIBOGA	0	0	0	0	1	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	
3146	KAWAAWA	LWAMATA	KIBOGA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
3147	NKOKONJERU	LWAMATA	KIBOGA	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	
3148	KYANIKA	LWAMATA	KIBOGA	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3149	LUNNYA	LWAMATA	KIBOGA	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
3150	NAKAZIBA	LWAMATA	KIBOGA	0	0	0	0	0	2	0	4	1	0	0	0	0	0	0	0	0	0	0	0	
3151	KIJUMAGWA	LWAMATA	KIBOGA	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3152	NSANJE	LWAMATA	KIBOGA	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3153	BUYONGA RC1	LWAMATA	KIBOGA	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
3155	KABUTEMBA	KIBIGA	KIBOGA	0	1	0	0	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	
3155A Total				0	1	0	0	4	16	9	8	6	0	0	0	0	0	0	0	0	0	0	0	
3156	KAMBUGU	BUTEMBA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
3157	KAYONZA	BUTEMBA	KIBOGA	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
3158	KYARAJONI	BUTEMBA	KIBOGA	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
3159	KATANABIRO	BUTEMBA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
3160	KAGALAMA	BUTEMBA	KIBOGA	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	
3161	BYERIMA	BUTEMBA	KIBOGA	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
3163	BIKOMA A	BUTEMBA	KIBOGA	0	0	0	0	0	0	4	0	0	0	0	4	4	4	4	4	0	4	1	1	
3163.1	BIKOMA B	BUTEMBA	KIBOGA	0	0	0	0	0	4	0	0	0	0	0	4	4	4	4	0	4	4	1	1	
3164	BUGULUMA	BUTEMBA	KIBOGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3164A Total				0	0	0	0	0	7	20	1	0	0	8	8	8	8	4	4	8	2	2	2	
3165	NABWENDO	MUWANGA	KIBOGA	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3167	NDIRAWERU	MUWANGA	KIBOGA	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3168	NAKASOZI	MUWANGA	KIBOGA	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3169	NAKASENGERE	MUWANGA	KIBOGA	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3170	NATYOLEMAGALA MENNTWETWE	MUWANGA	KIBOGA	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	
3171	MUWANGA	MUWANGA	KIBOGA	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3171A Total				0	0	4	0	1	11	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3172	KIKONDA	NSAMBYA	KIBOGA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3173	NAKAKABALA	MASODDE	KIBOGA	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
3174	KYAMISOGO	NSAMBYA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
3175	BURAZAKIGANDO?	NSAMBYA	KIBOGA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3176	MUJUNZA	NSAMBYA	KIBOGA	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
3178	IBANANYWA	NSAMBYA	KIBOGA	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	



# APPENDIX C-1 Water Source Inventory in 300 Villages and Trading Centres in Mpigi, Mubende and Kiboga Districts

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KIBOGA

Village	Subcounty	District	Water Source in Use										Water Sources not in Use									
			BH	WP	WL	DM	PS	US	WH	GF	RH	Etc	BH	WP	WL	DM	PS	US	WH	GF	RH	Etc
3179 NSAMBYA	NSAMBYA	KIBOGA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
3180 KYAKABUGA	NSAMBYA	KIBOGA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3182A Total	NSAMBYA		1	0	0	1	0	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0
3183 BAMUSUUTA	MASODDE	KIBOGA	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3184 KAYUNGA	BUTEMBA	KIBOGA	0	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0
3185 MASODDE	MASODDE	KIBOGA	0	0	0	0	0	1	4	0	1	0	0	0	0	0	0	0	0	0	0	0
3186 WUMBA	MASODDE	KIBOGA	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3187 KALAGI	MASODDE	KIBOGA	0	0	0	0	0	1	4	0	1	0	0	0	0	0	0	0	0	0	0	0
3188 KIYOMBYA	MASODDE	KIBOGA	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
3189 KWANGUZI	MASODDE	KIBOGA	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3190 MULAGI	MASODDE	KIBOGA	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3191 KIGANDO	MASODDE	KIBOGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3191.1 KIGANDO	MASODDE	KIBOGA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3191A Total	MASODDE		1	0	0	0	1	16	13	0	3	1	0	0	0	0	0	0	0	0	0	1
3192 BULYANZIGE	GAYAZA	KIBOGA	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
3193 GAYAZA W.	GAYAZA	KIBOGA	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0
3194 KASAMBYA B	NTWETWE	KIBOGA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3195 NKONDO	GAYAZA	KIBOGA	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
3196 BUTAMBUKA	GAYAZA	KIBOGA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3197 KIRYAJOBWO WEST	GAYAZA	KIBOGA	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
3198 ILUWUNA	GAYAZA	KIBOGA	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0
3199 KISALA	GAYAZA	KIBOGA	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
3200 KYERERE EAST	GAYAZA	KIBOGA	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0
3200A Total	GAYAZA		0	0	0	0	0	2	21	1	0	1	0	0	0	0	0	0	2	0	0	0
TOTAL KIBOGA			7	1	4	3	13	76	125	17	22	3	9	9	8	8	8	5	7	8	4	2
Grand Total			30	12	64	28	39	218	251	20	60	14	31	19	21	21	20	18	29	16	12	4