資　料　編

[資 料] 1. 調査団員・氏名

１．調査団員・氏名

基本設計調査

氏　名	担　当	所　属
加藤　高史	総括	独立行政法人国際協力機構 マラウイ事務所（前）所長
山貝　廣海	業務主任／地下水開発計画	日本技術開発株式会社
楠田　一千代	社会状況調査／維持管理計画	日本技術開発株式会社
高久　昭紀	水理地質 I／給水計画／施設計画／積算 I	日本技術開発株式会社
細岡　光広	水理地質 II／物理探査	日本技術開発株式会社
成田　金蔵	機材計画／調達計画／積算 II	日本技術開発株式会社

基本設計概要書説明調査

氏　名	担　当	所　属
水谷　恭二	総括	独立行政法人国際協力機構 マラウイ事務所　所長
松本　重行	計画管理	独立行政法人国際協力機構 無償資金協力部 業務第３グループ
山貝　廣海	業務主任／地下水開発計画	日本技術開発株式会社
楠田一千代	社会状況調査／維持管理計画	日本技術開発株式会社

[資料] 2. 調査工程

２．調査工程

基本設計調査

日順	2004年 月日		総括 加藤高史 KATO Takashi	業務主任/地下水開発計画 山貝廣海 YAMAGAI Hiromi	社会状況調査／維持管理計画 楠田一千代 KUSUDA Kazuchiyo	水理地質Ⅰ/給水計画/施設施工計画/積算I 高久昭紀 TAKAKU Akinori	水理地質Ⅱ／物理探査 細岡光広 HOSOOKA Mitsuhiro	機材計画／調達計画／積算II 成田金蔵 NARITA Kinzo
1	10月25日	M		NRT 17:10→HKG 20:45 (CX521) 23:50→				
2	10月26日	T		→JNB (CX1749) →LUN (SA064) 大使館表敬	NRT 17:10→HKG 20:45 (CX521) 23:40→	NRT →HKG (CX521) →		
3	10月27日	W		LUN -LLW (QM182) 表敬・協議の準備	→JNB (CX749) →BLZ (SA172) →LLW (QM201)	→JNB (CX749) →BLZ (SA172) →LLW (QM201)		
4	10月28日	T	JICA事務所打合せ	JICA事務所打ち合わせ、水開発省表敬･協議 I/R 説明、ﾌﾟﾛｼﾞｪｸﾄの背景、目的、内容、上位計画、他ﾄﾞﾅｰの援助動向、(現地再委託交渉)				
5	10月29日	F	水資源開発省表敬					
6	10月30日	S		サイト調査				
7	10月31日	S					NRT 16:20→HKG 20:45 (CX521) 23:50→	
8	11月1日	M	水資源開発省協議 ﾐﾆｯﾂ協議、署名	ﾌﾟﾛｼﾞｪｸﾄの実施体制、能力、妥当性効果、協力内容規模、ﾐﾆｯﾂ協議、ﾐﾆｯﾂ署名、(現地再委託準備)(電気探査位置の概略決定)			→JNB (CX1749) →LLW (SA170)	
9	11月2日	T					(電気探査位置の概略決定)	
10	11月3日	W		既往プロジェクトサイト調査 基本設計及び概算事業費積算のための調査 ・自然条件調査 ・社会条件調査 ・施設計画及び機材計画に関する調査 要請村落の悉皆調査	既往プロジェクトサイト調査 他ドナーの援助動向(啓発活動状況) 基本設計及び概算事業費積算のための調査 ・自然条件調査 ・社会条件調査 ・施設計画及び機材計画に関する調査 要請村落の悉皆調査	基本設計及び概算事業費積算のための調査 ・自然条件調査(気象･水文)(地下水開発調査)(水質調査) ・社会条件調査 ・施設計画及び機材計画に関する調査 要請村落の悉皆調査	基本設計及び概算事業費積算のための調査 ・自然条件調査(地下水開発調査)(電気探査)(水質調査) ・社会条件調査 ・施設計画及び機材計画に関する調査 要請村落の悉皆調査	
11	11月4日	T						
12	11月5日	F						
13	11月6日	S						
14	11月7日	S						
15	11月8日	M						
16	11月9日	T						NRT →HKG (CX521) →
17	11月10日	W						→JNB (CX1749) →BLZ (SA172) →LLW (QM201)
18	11月11日	T						基本設計及び概算事業費積算のための調査 ・自然条件調査 ・社会条件調査 ・施設計画及び機材計画に関する調査(供与機材のサイトにおける活動状況、不具合状況確認等) 要請村落の悉皆調査
19	11月12日	F						
20	11月13日	S						
21	11月14日	S						
22	11月15日	M						
23	11月16日	T						
24	11月17日	W						
25	11月18日	T						
26	11月19日	F						
27	11月20日	S						

NRT:東京 HKG:香港 JNB:ヨハネスグ LUN:ルサカ BLZ:ブランタイヤ LLW:リロングウェ ：市内 ：サイト

次ページに続く

	2004年		総括	業務主任/ 地下水開発計画	社会状況調査／ 維持管理計画	水理地質Ⅰ/給水計画/施設施工計画/積算I	水理地質Ⅱ／ 物理探査	機材計画／調達計画 ／積算II
日順	月日		加藤高史 KATO Takashi	山貝廣海 YAMAGAI Hiromi	楠田一千代 KUSUDA Kazuchiyo	高久昭紀 TAKAKU Akinori	細岡光広 HOSOOKA Mitsuhiro	成田金蔵 NARITA Kinzo
28	11月21日	S		上位計画、他ドナーの援助動向 ﾌﾟﾛｼﾞｪｸﾄ実施体制、能力 妥当性効果、協力内容規模 基本設計及び概算事業費積算のための調査 ・施設計画及び機材計画に関する調査 ・調達事情調査 ・施設・調達計画調査 ・積算関連調査 計画策定・実施上の配慮事項調査 運営・維持管理体制の整備、事業効果の発現・持続性確保調査	既往プロジェクトサイト調査 他ドナーの援助動向(啓発活動状況) 基本設計及び概算事業費積算のための調査・社会条件調査 **要請村落の悉皆調査**	基本設計及び概算事業費積算のための調査 **要請村落の悉皆調査**	基本設計及び概算事業費積算のための調査 ・自然条件調査 (地下水開発調査) (電気探査)(水質調査) ・社会条件調査 ・施設計画及び機材計画に関する調査 **要請村落の悉皆調査**	ﾌﾟﾛｼﾞｪｸﾄの実施体制、能力 基本設計及び概算事業費積算のための調査 ・施設計画及び機材計画に関する調査 ・調達事情調査 ・施設・調達計画調査 ・積算関連調査
29	11月22日	M				基本設計及び概算事業費積算のための調査 ・施設計画及び機材計画 ・調達事情調査 ・施設・調達計画調査 ・積算関連調査		
30	11月23日	T			ﾌﾟﾛｼﾞｪｸﾄの実施体制、能力 妥当性効果、協力内容規模 計画策定・実施上の配慮事項調査 運営・維持管理体制の整備、事業効果の発現・持続性確保調査	調査資料整理、協議報告		調査資料整理、協議報告
31	11月24日	W				LLW 13:10→JNB 16:10 (SA171)		LLW 13:10→JNB 16:10 (SA171)
32	11月25日	T				機材調達調査（南ア）		機材調達調査（南ア）
33	11月26日	F				JNB 13:10→		JNB 13:10→
34	11月27日	S				→HKG (CX748) →NRT (CX520)		→HKG (CX748) →NRT(CX520)
35	11月28日	S						
36	11月29日	M						
37	11月30日	T						
38	12月1日	W						
39	12月2日	T						
40	12月3日	F						
41	12月4日	S						
42	12月5日	S		他ドナーのプロジェクトサイト調査	他ドナーのプロジェクトサイト調査			
43	12月6日	M						
44	12月7日	T		上位計画、他ドナーの援助動向、ﾌﾟﾛｼﾞｪｸﾄの実施体制、能力 妥当性効果、協力内容規模、基本設計及び概算事業費積算のための調査 ・施設計画及び機材計画に関する調査 ・調達事情調査 ・施設・調達計画調査 ・積算関連調査 計画策定・実施上の配慮事項調査 運営・維持管理体制の整備、事業効果の発現・持続性確保調査	計画策定実施上の配慮事項調査 運営・維持管理体制の整			
45	12月8日	W						
46	12月9日	T			調査資料整理、協議報告			
47	12月10日	F						
48	12月11日	S			LLW 9:40→JNB 12:00 (QM201) 17:20→			
49	12月12日	S			→HKG (CX1748) →NRT (CX500)			
50	12月13日	M						
51	12月14日	T						
52	12月15日	W						
53	12月16日	T						
54	12月17日	F		協議報告、調査資料整理			協議報告、調査資料整理	
55	12月18日	S						
56	12月19日	S		LLW 8:20→LUN 10:10 (QM181)			LLW 8:05→JNB 10:25 (QM201) 13:10→	
57	12月20日	M		大使館報告			→HKG (CX748) →NRT (CX520)	
58	12月21日	T		LUN 7:40→JNB 9:45 (SA069) 17:20→				
59	12月22日	W		→HKG (CX1748) →NRT (CX500)				

NRT:東京　HKG:香港　JNB:ヨハネスグ　LUN:ルサカ　BLZ:ブランタイヤ　LLW:リロングウェ　　:市内　　:サイト

基本設計概要書説明調査

日順	2005年 月日		総括 水谷恭二 MIZUTANI Kyoji	計画管理 松本重行 MATSUMOTO Shigeyuki	業務主任/地下水開発計画 山貝廣海 YAMAGAI Hiromi	社会状況調査／維持管理計画 楠田一千代 KUSUDA Kazuchiyo
1	4月20日	W			NRT→HKG	
2	4月21日	T			(AM) JNB→LLW / (PM) JICA事務所打合せ	
3	4月22日	F	水資源開発省表敬、BD概要書説明		水資源開発省表敬、BD概要書説明、ﾘﾛﾝｸﾞｳｪ県表敬	
4	4月23日	S		NRT→ＨＫＧ	補足調査（アクセス状況、保健省）	
5	4月24日	S		ＪＮＢ→LLW 資料整理･団内打合せ		
6	4月25日	M	ミニッツ協議			LLW→BLZ
7	4月26日	T	ミニッツ署名	LLW→LUN	LLW→LUN	BLZ→JNB→
8	4月27日	W		大使館報告		→HKG→NRT
9	4月28日	T		LUN →JNB→	LUN →JNB→	
10	4月29日	F		→HKG→NRT	→HKG→NRT	

NRT:東京 HKG:香港 JNB:ヨハネスブルグ LUN:ルサカ BLZ:ブランタイヤ LLW:リロングウェ

□ 市内　□ サイト

[資料] 3. 関係者(面会者)リスト

３．関係者(面会者)リスト

Ministry of Water Development	(水資源開発省)
Mr. Sydney M. MAINALA	Director of Water Resources (WR)
Ms. M.B.KANJAYE	Deputy Director/Ground Water, Dept. of WR
Mr. P.W. MLETA	Senior Disk Officer, Dept. of WR
Mr. M.G.M. NKHATA	Hydrogeologist, Dept. of WR
Mr. M.S.K. CHIRAMBO	Reserch Officer, Dept. of WR
Mr. M. CHINTENGO	Groundwater Development Officer, Dept.of WR
Mr. A. SANDULA	Groundwater Development Officer, Dept. of WR
Mr. B.N.C. GONDWE	Deputy Director, Dept. of Water Supply and Sanitation (WSS)
Mr. Joseph KAZOMBO	Chief Community Water Supply and Sanitation Office, Dept. of WSS
Mr. Hudgeson MUHEZUWA	Principal Community Water Supply and Sanitation Officer, Dept. of WSS
Mr. R. W. Mkwepu NAKANGA	Director of Administration and Finance
Mr. A. KUTENGULE	Economist, Dept. of Finance and Administration
Mr. Y.E.B. KAMPHALE	Chief Economist, Dept. of Finance and Administration
Ms. Emma Mary MBALAME	Regional Water Development Officer,(RWD Office (Central))
Mr. Oliver Cromwell PHIRI	Senior Community Water Supply and Sanitation Officer (RWDO(C))
Mr. MWENELUPEMBE	Senior Water Supervisor (RWDO (C))
Mr. F. MKANDAWIRE	Water Monitoring Assistant, Mitundu, Lilongue, (RWDO (C))
Mr. Edward	Water Monitoring Assistant, Namitete Water Unit, Lilongue, (RWDO (C))
Mr. H.K. MUNTHALI	District Community Water Supply Officer, Mchinji, (RWDO(C))
Ministry of Finance	(財務省)
Mr.Davie Y.C.WIRIMA	Principal Debt and Aid Management Officer
Ms. Grecium KANDO	Debt and Aid Management Division
Ministry of Health	(保健省)
Mr. Chris MOYO	
Ms. Florence GLNOBEDA	Officer in Charge, Health Centre/ Nthondo
Mr. Philipe KODONGOLA	Environment and Sanitation Officer, Health Centre/ Nthondo
Mr. Alfred NKHOMA	Environment and Sanitation Officer, Health Centre/ Nthondo
Mr. SIMFUKWE	Medical Assistant, Health Centre/ Mingongo
Mr. Steven KAUENDA	Assistant Environment and Health Officer, HC/ Mingongo
Mr. Mike PEZEMAWA	Senior Health Surveillance Assistant, H C/ Chileka
Mr. MATAYA	Senior Medical Assistant, Health Centre/ Chiwe
Mr. Odala SANDRAM	Environment Health Surveillance Assistant, HC/ Chiwe
Mr. A.S. MAGANIZO	Medical Assistant, Health Centre/ Khongoni
Mr. Dikson BANDA	Senior EHSA, Health Centre/ Khongoni
Mr. Loyd SALIM	Medical Assistant, Health Centre/ Chikowa
Government of Malawi (other Ministries)	(その他の政府機関)
Mr. Jones WACHEPA	Lilongwe Zone Engineer, MASAF / Lilongwe Zone Office
Mr. Christopher MANYAMBA	Researcher/ Crime and Justice Statistical Division, NSO
Mr. Kadongola EVANS	Dissemination Division, NSO
Lilongwe District Assemly	(リロングウェ県)
Mr. Davis G.SADO	District Commissioner (-December 2004)
Mr. C. P. KALEMBA	District Commissioner (December 2004 -)
Mr. D. B. MAGELA	Director of Planning and Development (former)

	Mr. Smart GWEDEMULA	Director of Planning and Development
	Mr.MAPFUPA	Assistant Statistician, Health Management Information System Lilongwe District Health Office
	Mr. Karangeni PATOMTOR	Ward Counsellor (TA Kalolo)
Hospital		(病院)
	Dr. CHIUNDILA	Doctor, St. Gabriel's Hospital
	Mr. Roy DENJA	Administrator, St. Gabriel's Hospital
Consultant		(民間コンサルタント)
	Mr. Wellington MANDOWA	Willy & Partner
	Mr. Ammiel CHAMPITI	Willy & Partner (representative in Lilongwe)
	Mr. F. KWAULE	Kondwani Consultancy
	Mr. Charles MWENDA	Kondwani Consultancy Associate Consultant
	Mr. Cyrus Gelesoni JEKE	Jezu and Partners
Donors		(援助機関)
	Dr. Mbuya Isaac G. MUNLO	Programme Coordinator, EC Micro-Projects Programme
	Ms. Regan MANCINI	In charge of Mzimba (esp. Khosolo), Canada Fund (CIDA)
	Mr. Gray HOLM	COMWASH Team Leader (Tyolo), CIDA
	Dr. Sham MATHUR	Head of WES, Unicef
	Mr. Jim ANSCOMBE	GITEC, (KfW)
	Ms. Valérie BEY	CPHE Officer / GITEC
NGO		(非政府組織)
	Mr. Pierre-Yves DUBOIS	Inter Aide
	Mr. Lionel COMBEY	Country Coordinator /Malawi, Inter aide
	Mr. Eric BERGES	Country Support Officer, Inter Aide
	Mr. MPHANDA	Assistant project manager, MICAH (マイカ)
	Mr. Ma MOYO	MICAH (マイカ)
JICA,	(Malawi Office)	(JICA マラウイ事務所)
	KATO Takashi 加藤高史	Resident Representative (-March 2005)
	MIZUTANI Kyoji 水谷恭二	Resident Representative (April 2005 -)
	MURASE Tatsuya 村瀬達哉	Deputy Resident Representative
	MATSUSHIMA Kiyonori 松島恭範	Project formulation Advisor
	Gift Thakwalakwa	Programme Officer
Embassy of Japan, Zambia		(在ザンビア日本国大使館)
	Mr.MIYASHITA Masaaki 宮下正明	His Excellency the Japanese Ambassador to Malawi
	ZAITSU Tomoyuki 財津知亨	1st Secretary

[資料] 4. 討議議事録 (M/D)

4. 討議議事録 (M/D)

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR GROUNDWATER DEVELOPMENT IN LILONGWE WEST
IN THE REPUBLIC OF MALAWI

Based on the results of the Preliminary Study, the Government of Japan decided to conduct a Basic Design Study on the Project for Groundwater Development in Lilongwe West (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the Republic of Malawi (hereinafter referred to as "Malawi") the Basic Design Study Team (hereinafter referred to as "the Team"), which is headed by Mr. Takashi Kato, Resident Representative, JICA Malawi Office, and is scheduled to stay in the country from October 27 to December 19.

The Team held discussions with the officials concerned of the Government of Malawi and conducted a field survey at the study area.

In the course of the discussions and field survey, both parties confirmed the main items described on the attached sheets. The Team will proceed to further works and prepare the Basic Design Study Report.

Lilongwe, November 2, 2004

Mr. Takashi Kato
Leader
Basic Design Study Team
Japan International Cooperation Agency
Japan

Mr. Sydney M. Mainala
Director of Water Resources
Ministry of Water Development
Republic of Malawi

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve the health and living standard of the people who live in Lilongwe West by providing potable water through procurement of equipment and development of water supply facilities.

2. Project sites

The sites of the Project are Traditional Authority (TA) Kalolo and Khongoni in Lilongwe District, Central Region. The location of the sites is shown in Annex-1.

3. Responsible and Implementing Agency

3-1. The Responsible Agency is Ministry of Water Development.

3-2. The Implementing Agency is Department of Water Resources.

The organization chart is shown in Annex-2.

4. Items requested by the Government of Malawi

After discussions with the Team, the items described in Annex-3 were finally requested by the Malawian side. Requested villages are listed in Annex-4. The Malawian side requested to include one set of geo-electric survey equipment instead of a water tank and a fuel tank, because one of the three (3) sets owned actually by the Ministry is not functioning well and only two sets are reliable at the moment. The Ministry plans to keep one set in each of the three regions of the country and only two sets of equipment cannot meet the pressure of work throughout the country. JICA will assess the appropriateness of the request and will recommend to the Government of Japan for approval.

5. Japan's Grant Aid Scheme

The Malawian side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Malawi as explained by the Team and described in Annex-5 of the Minutes of Discussions signed by both parties on July 5.

6. Schedule of the Study

6-1. The consultants will proceed to further studies in Malawi until December 19, 2004.

6-2. JICA will prepare the draft report in English and dispatch a mission in order to explain its contents around March 2005.

6-3. In case that the contents of the report is accepted in principle by the Government of Malawi, JICA will complete the final report and send it to the Government of Malawi by July 2005.

7. Other relevant issues

7-1. Overall framework of rural water supply and groundwater development in Malawi

After phasing out of the current PRSP in 2005, a comprehensive report is to be compiled in view of formulating another PRSP for additional 3 to 4 years. The PRSP will continue to serve as the overall framework for the Project.

7-2. Responsible and implementing agency

Although the reorganization of ministries and governmental offices was executed, the Ministry of Water Development has been keeping its structure and mandate as same as before, and will be responsible for the Project.

The Department of Water Resources has responsibility for implementation of the Project.

7-3. Village selection

Based on the result of the Preliminary Study, 254 candidate villages were selected for the Basic Design Study, as listed on Annex-4.

Criteria for village selection are as follows:

1) Villages with quite inadequate water supply conditions and urgent needs of improvement should be prioritized,
2) Village people should have positive willingness for CBM of a water supply facility including cost burden,
3) There should be no duplication with other organization's project,
4) Villages should be accessible by heavy equipment like a drilling rig or become accessible under responsibility of the Malawian side without major roadwork for new construction or widening, and
5) Populous villages should be prioritized considering cost effectiveness and capability of fund-raising for operation and maintenance.

7-4. Equipment plan

In principle, the existing equipment and vehicles which were procured under the previous Japan's Grant Aid projects will be fully utilized in the Project. The necessity of additional requested equipment and vehicles will be scrutinized applying criteria mentioned below:

1) Managerial, administrative and technical competence of the implementing agency,
2) Qualification and experience of personnel,
3) Operation record of existing equipment and vehicles,
4) Maintenance condition of existing equipment and vehicles,
5) Plan of operation in the future,
6) Personnel and budgetary allocation for operation,
7) Budgetary allocation of the Japanese side, and
8) No duplication of similar support by other donors.

7-5. Undertakings to be taken by the Malawian side

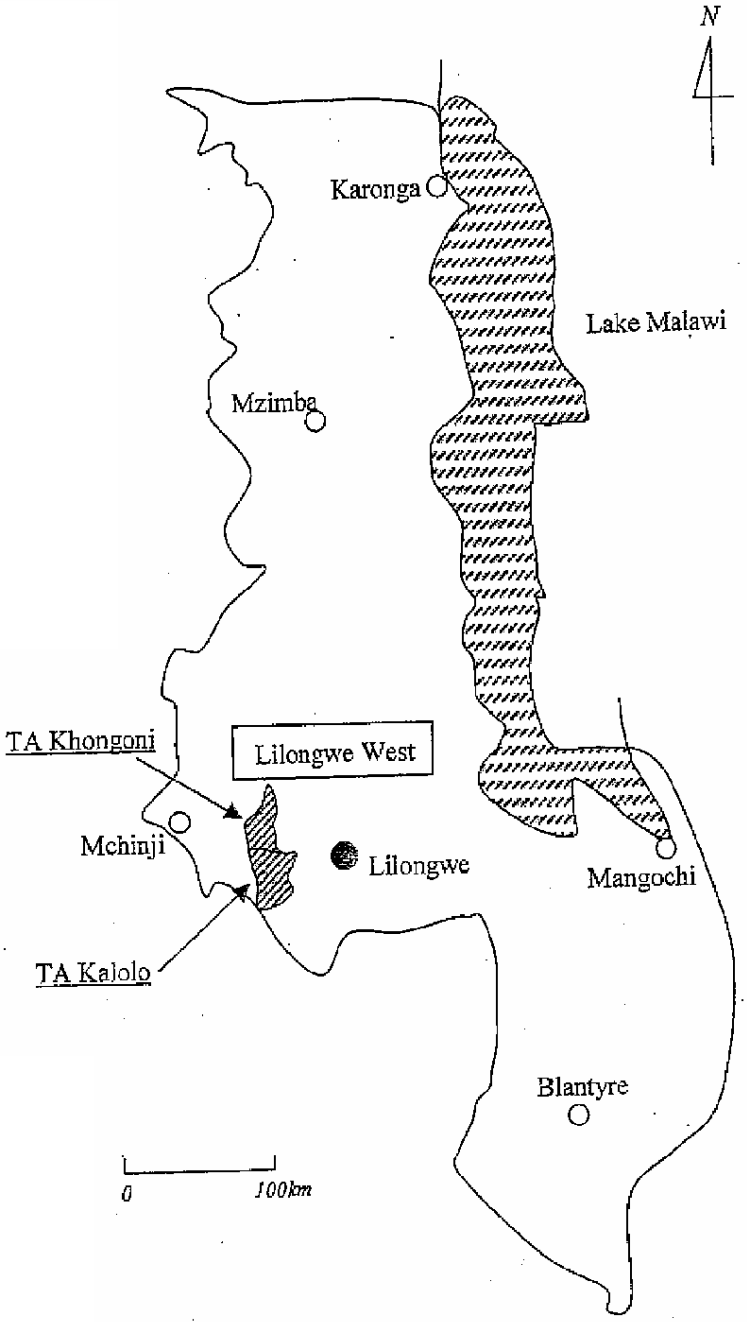
The Malawian side will extend following facilities to the Team:

1) To provide data and information necessary for the Basic Design Study,
2) To allocate counterpart personnel to accompany the Team,
3) To make appointment and provide necessary coordination with related organizations,
4) To provide office space for the Team, and
5) To lend the geo-electric prospecting survey machine provided by the former Japanese Grant Aid.

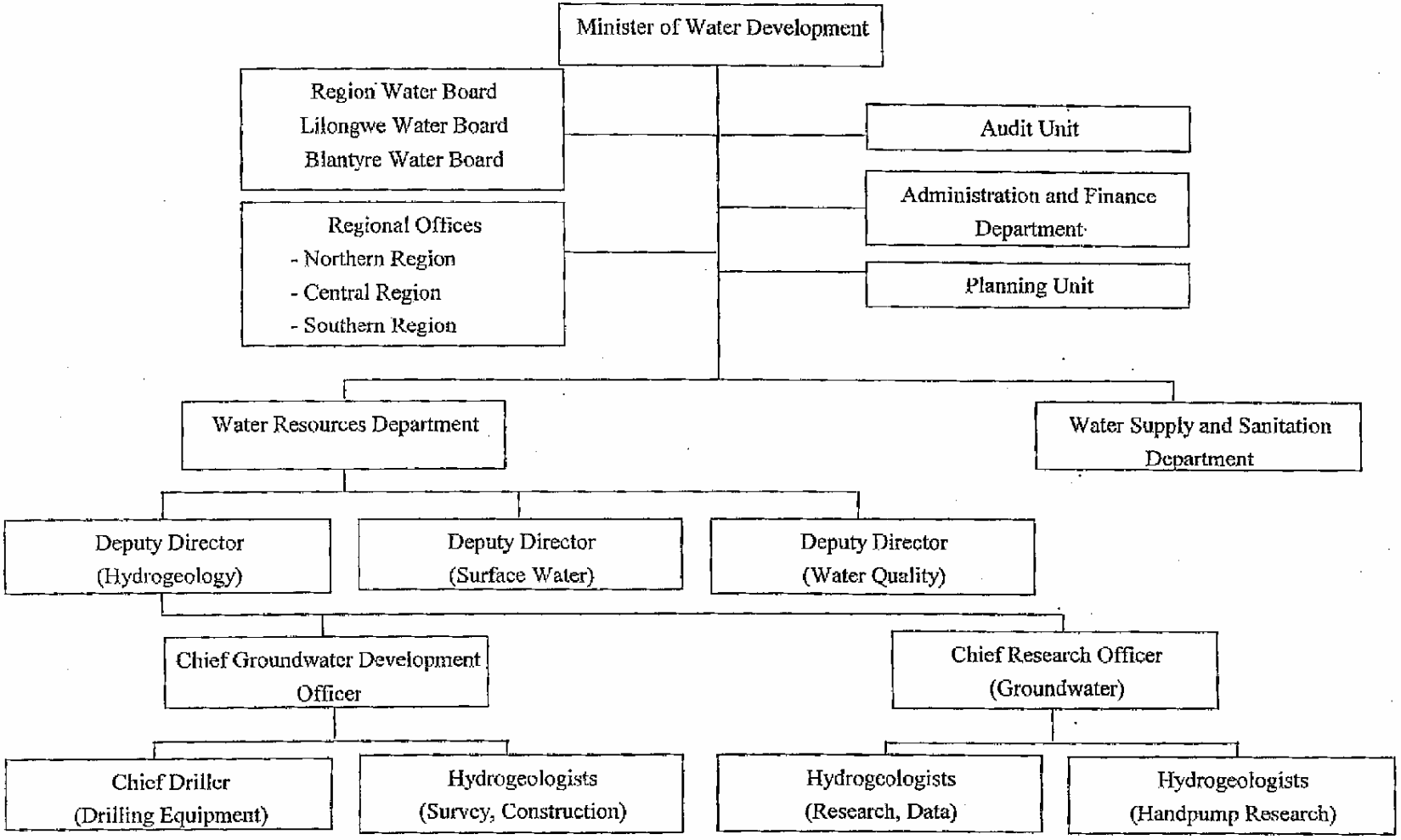
The Malawian side will take the necessary measures, as described below, for smooth implementation of the Project, as a condition for the Japanese Grant Aid to be implemented.

1) To improve access roads where necessary,
2) To secure, clear, level and reclaim sites for well construction,
3) To provide land for a temporary site office, warehouse and stockyard during the implementation of the Project,
4) To lend equipment procured by the previous Japan's Grant Aid projects,
5) To allocate personnel to participate in the Project, especially extension workers to implement CBM activities, and secure budget for them, and
6) To coordinate with other donors, NGOs and related organizations.

ANNEX-1 : Project Sites



ANNEX-2 : Organization Chart of the Ministry of Water Development



ANNEX-3 : Items Requested by the Malawian Side

The main requested component of the Project is as follows:

(1) Construction of boreholes

Boreholes including apron, drain and washing slab in 254 villages

(2) Procurement of equipment

- For Borehole Drilling

1) Drilling rig (truck mounted, 4 x 4)	1 unit
2) High pressure air compressor (truck mounted, 4 x 4)	1 unit
3) Mobile well development unit (4 x 4)	1 unit
4) Pumping test equipment	1 lot
5) Cargo truck with 5-ton crane (4 x 4)	1 unit
6) Cargo truck with 3-ton crane (4 x 4)	1 unit
7) Pick-up type light vehicle (single cabin, 4 x 4)	1 unit
8) Pick-up type light vehicle (double cabin, 4 x 4)	1 unit
9) Geo-electric Survey Equipment	1 unit
10) Telecommunication equipment	1 lot
11) Spare parts for the above equipment	1 lot
12) Repair parts and tools for the existing equipment supplied in the past groundwater development projects under Japanese aid	1 lot

- For Research and Monitoring

13) Motorcycle	3 units
14) Global positioning system (GPS)	2 units
15) Computer for well inventory and analysis	2 units

- Construction Material for (1)

16) Hand pump (Afridev type)	1 lot
17) Well casing and screen pipe	1 lot

(3) Technical assistance

1) CBM training for 500 committees

2) Training of extension workers

ANNEX-4 : List of Villages Requested by the Malawian Side

KALOLO

S. No.	G.V.H KALOLO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
1	1	Kansengwa	969	1 B/hole required	1BH: Functional
2	2	Dzuluwanda	420	1 B/hole required	-
3	3	Chidzenje	304	1 B/hole required	-
4	4	Kamangira	599	1 B/hole required	-
5	5	Guli-guli (B)	1,497	1 B/hole required	1P.S.W.: Not Functional
6	6	Nkhwambala	420	1 B/hole required	1BH: Functional
7	7	Chiziko	1,301	1 B/hole required	1P.S.W.: Not Functional
8	8	Nkhata	769	1 B/hole required	1P.S.W.: Not Functional

S. No.	G.V.H. NYEMBA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
9	1	Kampala	52 HH (314)	1 B/hole required	-
10	2	Chinsenga	68 HH (336)	1 B/hole required	1BH: Not Functional
11	3	Mthiko	72 HH (360)	1 B/hole required	-
12	4	Mnkhowe	199 HH (490)	1 B/hole required	-
13	5	Mchilawankhondo	57 HH (387)	1 B/hole required	-
14	6	Chisikwa (A)	250 HH (1250)	1 B/hole available 1 B/hole required	3BHSs: Not functional 1BH: Funtional

S. No.	G.V.H. CHIBUNGO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
15	1	Chibungo	334 HH (1670)	1 B/hole required	1BH: Not Functional (Old) 1BH: Functional
16	2	Muyala	94 HH (471)	B/hole needs rehab. 1 B/hole required	1BH: Not Functional (Old)
17	3	Phulamazira	200 HH (858)	1 B/hole required	1P.S.W.: Not Functional 1BH: Not Functional (Old)
18	4	Gome	77 HH (539)	1 B/hole required	1P.S.W.: Not Functional
19	5	Mpingo II	200 HH (1200)	1 B/hole required	1BH: Not Functional 1BH: Functional 1P.S.W.: Not Functional
20	6	Kabwana	80 HH (1080?) (400?)	1 B/hole available 1 B/hole required	2BHs: Not Functional
21	7	Madika	70 HH (490)	1 B/hole required	-
22	8	Mzungu	62 HH (434)	1 B/hole required	1P.S.W.: Functional
23	9	Mwagongonda (Mngongonda)	188 HH (1316)	1 B/hole required	-
24	10	Mnjeza	64 HH (448)	1 B/hole required	-

S. No.	G.V.H. CHITUWI	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
25	1	Chituwi	47 HH (490)	1 B/hole required	1BH: Not Functional (Old) 1BH: Functional
26	2	Chakumbutsa (Chakumbuzi)	52 HH (364)	1 B/hole required	1P.S.W.: Not Functional
27	3	Chilembwe	52 HH (312)	1 B/hole required	-
28	4	Kanyoni	60 HH (422)	1 B/hole required	-
29	5	Chitapangombe	84 HH (588)	1 B/hole required	-
30	6	Kumtsizi (Kumtsinzi (A))	69 HH (483)	1 B/hole required	-
31	7	Kamkuwe	56 HH (392)	1 B/hole required	-

S. No.	G.V.H. MPHAMBA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
32	1	Sinsinja	70 HH (352)	1 B/hole required	-
33	2	Mandindi	39 HH (1234?) (200?)	1 B/hole required	-
34	3	Ngalazuka	76 HH (450)	1 B/hole required	-
35	4	Kamatira (Kamatila)	94 HH (562)	1 B/hole required	1BH: Not Functional (Old) 1BH: Functional
36	5	Dambo	95 HH (573)	1 B/hole required	1BH: Not Functional (Old)

S. No.	G.V.H. CHAKUZAMUTU	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
37	1	V.H. Makala (A), (C)	2,100	Too big 1 B/hole required	-
38	2	V.H. Mizati (A), (B)	420	1 B/hole required	-
39	3	V.H. Chipira Msanga	315	1 B/hole required	-
40	4	V.H. Masekese	420	1 B/hole required	
41	5	V.H. Chipira Kakoma (A)	1,880	1 B/hole required	-
42	6	V.H. Guli-guli I	455	1 B/hole required	-
43	7	V.H. Chamoto	1,112	1 B/hole required	1BH: Functional
44	8	V.H. Kaziputa	690	1 B/hole required	1BH: Functional
45	9	V.H. Geremani	1,120	1 B/hole required	-

S. No.	G.V.H. MKUWIRA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
46	1	V.H. Mkuwira	2,940	T/C B/hole available 1 B/hole required	1BH: Functional
47	2	V.H. Nyanda	1,460	1 B/hole required	-
48	3	V.H. Muzayani (Muuzayani)	549	1 B/hole required	-
49	4	V.H. Chingóna (B)	464	1 B/hole required	1BH: Functional
50	5	V.H. Mzokoto	1,050	1 B/hole required	-
51	6	V.H. Lawudani (Laudani)	770	1 B/hole required	-
52	7	V.H. Kalongopywera (Kalongopyera)	749	1 B/hole required	-
53	8	Mgulula	740	1 B/hole required	-
54	9	Mtsinambuto - Kalata	359	1 B/hole required	-

S. No.	G.V.H. CHADZA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
55	1	V.H. Chadza	100HH (562)	Borehole available 1 B/hole required	-
56	2	V.H. Mawulana-Mkuwamba	(329 + 149) 478	1 B/hole required	-
57	3	V.H. Ntchisi	315	1 B/hole required	-
58	4	V.H. Mchawa (A), (B)	86 HH (512)	1 B/hole required	-
59	5	V.H. Mlinga	49 HH (343)	1 B/hole required	-
60	6	V.H. Chingondo	74 HH (371)	1 B/hole required	-

S. No.	G.V.H. CHIPANGA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
61	1	V.H. Chipanga	50 HH (250?)	1 B/hole required	1BH: Functional
62	2	V.H. M'bangombe	60 HH (300?)	1 B/hole required	1BH: Functional
63	3	V.H. Mlera	60 HH (300?)	1 B/hole required	-

S. No.	G.V.H. SINUMBE	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
64	1	Nyozwe	200 HH (1400)	1 B/hole required	-
65	2	Sungamanja	109 HH (545)	1 B/hole required	-
66	3	Mapira	104 HH (520)	1 B/hole required	-
67	4	Kango	250 HH (1259)	1 B/hole required	-
68	5	Chigwasa	90 HH (950)	1 B/hole required	-
69	6	Chapota	91 HH (540)	1 B/hole required	-
70	7	Chilomo	190 HH (1146)	1 B/hole required	-
71	8	Gwani	99 HH (496)	1 B/hole required	-
72	9	Kangulu	145 HH (725)	1 B/hole required	-
73	10	Chimbwala	97 HH (482)	1 B/hole required	-
74	11	Sinumbe (Sinumbe TC.)	47 HH (329)	1 B/hole required	3BHs: Not Functional 1W.S.W.: Functional (*W.S.W. rehabilitated in 2004)

S. No.	G.V.H. LIWINGA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
75	1	Sosola	55 HH (385)	1 B/hole required	-
76	2	Jamu	62 HH (310)	1 B/hole required	-
77	3	Sankhulani	46 HH (323)	1 B/hole required	-

S. No.	G.V.H. DZAMA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
78	1	Dzama	72 HH (432)	1 B/hole required	1BH: Not Functional
79	2	Yotamu	72 HH (432)	1 B/hole required	-
80	3	Kanyopola	61 HH (429)	1 B/hole required	-
81	4	Chafuta	52 HH (370)	1 B/hole required	-
82	5	Jonasi (Jonas)	63 HH (443)	1 B/hole required	-
83	6	Chinkhata	59 HH (415)	1 B/hole required	-

S. No.	G.V.H. LEMWE	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
84	1	Kwezani	39 HH (348)	1 B/hole required	-
85	2	Makoka	58 HH (354)	1 B/hole required	-
86	3	Kalichelo	47 HH (329)	1 B/hole required	-
87	4	Mthyothyo	70 HH (420)	1 B/hole required	-
88	5	Chilima (Chalima)	54 HH (326)	1 B/hole required	-
89	6	Lusha	49 HH (343)	1 B/hole required	-

S. No.	G.V.H. CHIKUDZULIRE	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
90	1	Dzinja	43 HH (300)	1 B/hole required	-
91	2	Mkanda	57 HH (341)	1 B/hole required	1BH: Not Functional 1BH: Functional 1P.S.W.: Not Functional 1H.D.BH: Functional
92	3	Kadzani	72 HH (500)	1 B/hole required	1BH: Not Functional (Old)
93	4	Mkoko	81 HH (482)	1 B/hole required	1BH: Functional

S. No.	G.V.H. SINUMBE	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
94	1	Kafunde	100 HH (700)	1 B/hole required	-
95	2	Mpondamwala	76 HH (456)	1 B/hole required	-
96	3	Kathumbe	107 HH (642)	1 B/hole required	1BH: Not Functional
97	4	Zuwande	97 HH (582)	1 B/hole required	-

S. No.	G.V.H. CHINKHUNDA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
98	1	Chinkhunda Mnkawila	49 HH (340)	1 B/hole required	2BHs: Functional
99	2	Dzowole (Dzoole)	50 HH (344)	1 B/hole required	-
100	3	Kalonga	71 HH (426)	1 B/hole required	-
101	4	Kwenje	61 HH (366)	1 B/hole required	-
102	5	Chizula (Chidzula)	72 HH (490)	1 B/hole required	1BH: Not Functional (Old)
103	6	Semu	63 HH (369)	1 B/hole required	-
104	7	Khwema	78 HH (538)	1 B/hole required	-
105	8	Mdabwi I Bokola	65 HH (387)	1 B/hole required	-

S. No.	G.V.H. CHIMSOLO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
106	1	Mliwu (Mliu)	69 HH (470)	1 B/hole required	1BH: Not Functional (Old)
107	2	Chithangile (Chithangire)	57 HH (380)	1 B/hole required	1BH: Not Functional (Old)

S. No.	G.V.H. MASUMBA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
108	1	Manthalu	50 HH (347)	1 B/hole required	-
109	2	Chaponda	71 HH (423)	1 B/hole required	-
110	3	Manjawila	51 HH (349)	1 B/hole required	-
111	4	Chikalipo	68 HH (341)	1 B/hole required	-
112	5	Lendemani	99 HH (493)	1 B/hole required	-

S. No.	G.V.H. MPHUNDA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
113	1	Malumbila	64 HH (322)	1 B/hole required	-
114	2	Mkozomba	67 HH (336)	1 B/hole required	-
115	3	Mkanthama	71 HH (356)	1 B/hole required	-
116	4	Zakaliya (Zakalia)	62 HH (309)	1 B/hole required	-
117	5	Chipozongo	59 HH (297)	1 B/hole required	-
118	6	Palimtima	67 HH (400)	1 B/hole required	1P.S.W.: Functional
119	7	Makanga	59 HH (295)	1 B/hole required	-
120	8	Chimlota	61HH (307)	1 B/hole required	-
121	9	Mndulu	69 HH (343)	1 B/hole required	-

KHONGONI

S. No.	G.V.H. KHONGONI	VILLAGE NAME	Estimated POP In 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
1	1	Khongoni (A)	351	1 B/hole required	2BHs: Not Functional 1BH: Functional
2	2	Kambuyawa	650	1 B/hole required	-
3	3	Mbalame (A)	67 HH 303	1 B/hole required	1BH: Not Functional
4	4	Kanjanja	320	1 B/hole required	-
5	5	Kanzota	56 HH 240	1 B/hole required	-
6	6	Masitala - Maria	28 HH 320	1 B/hole required	-
7	7	Levi	300	1 B/hole required	-
8	8	Mweziwauma	70 HH 350	1 B/hole required	-
9	9	Mandelo-Mika	40 HH 320	1 B/hole required	-
10	10	Kachilikiza	350	1 B/hole required	-

S. No.	G.V.H. MSINDE	VILLAGE NAME	Estimated POP In 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
11	1	Benjamani	37 HH 300	1 B/hole required	-
12	2	Nkhombokombo	44 HH 300	1 B/hole required	-
13	3	Waya	90 HH 299	1 B/hole available	2BHs: Functional

S. No.	G.V.H. MATEKWE	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
14	1	Kantugwala-Chimpesi	56 HH 460	2 B/holes required	-
15	2	Mmbamwana	45 HH 300	1 B/hole required	-
16	3	Mkhuta	379	1 B/hole required	-
17	4	Kambudzi	989	1 B/hole available 2 B/holes required	1BH: Functional (but very old)
18	5	Chitindi	480	2 B/holes required	-
19	6	Salima	56 HH 447	B/hole needs rehab. 2 B/holes required	1BH: Not Functional
20	7	Kapudzama	95 HH 780	B/hole needs rehab. 2 B/holes required	2BHs: Not Functional (Old) 1BH: Functional 1H.D.BH: Functional
21	8	Chelonga	89HH 1058	B/hole needs rehab. 3 B/holes required	1BH: Functional
22	9	Chaipa-Mnjale	450	2 B/holes required	1BH: Not Functional (Old)
23	10	Mtabvu (Mutavu)	450	1 B/hole available 2 B/holes required	1BH: Functional
24	11	Imfa	500	1 B/hole available 2 B/holes required	1BH: Not Functional (Old)
25	12	Chithemba	380	B/hole needs rehab. 1 B/hole required	1BH: Functional (but very old)

S. No.	G.V.H. VIZIMBA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
26	1	Naferanji (Nafelanji)	480	1 B/hole available 1 B/hole required	1BH: Functional
27	2	Katugwa	350	1 B/hole required	-

S. No.	G.V.H. NYANGA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
28	1	Nyanga	426	2 B/holes required	-
29	2	Kalumbi	418	B/hole needs rehab. 2 B/holes required	1BH: Functional

S. No.	G.V.H. CHIPENI	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
30	1	Chipeni	333HH 2000	1 B/hole available 2 B/holes required	1BH: Not Functional
31	2	Gulumba (A)	107 HH 645	2 B/holes required	-
32	3	Sixpence/Nabuzi	123 HH 750	2 B/holes required	-
33	4	Masantchi/Salale/Chimbaka	142 HH 850	2 B/holes required	-
34	5	Williamu/Jasiteni/Nthochi	105 HH (525?)	2 B/holes required	-
35	6	Zamula/Jere	52 HH 307	1 B/hole required	-

S. No.	G.V.H. MKUWIRA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
36	1	Monjo-Mduluza	90 HH (210?) (450?)	2 B/holes required	-

S. No.	G.V.H. KASIYA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
37	1	Mbewa II ((B))	58 HH 345	1 B/hole required	2BHs: Functional
38	2	Chizewe	66 HH 300	1 B/hole required	-
39	3	Mwachipula	62 HH 372	1 B/hole required	-
40	4	Kakhutantaya-Kalitsilo	83 HH 500	2 B/holes required	-
41	5	Nthala-Gomani	63 HH 380	1 B/hole required	-
42	6	Mtswati	78 HH 478	2 B/holes required	-

S. No.	G.V.H. MTSWATI	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
43	1	Mafuta	50 HH (200?)	1 B/hole required	-
44	2	Pashane Nkhulange	70 HH (350?)	1 B/hole required	-

S. No.	G.V.H. MALENGA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
45	1	Mndimbanezo-Chimbalu	70 HH 331	1 B/hole required	-

S. No.	G.V.H. MANGILIRA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
46	1	Mangilira (Mangirira)	205 HH 1230	B/hole needs rehab. 3 B/holes required	1BH: Functional
47	2	Mthumba (Thumba)	96 HH 579	2 B/holes required	-
48	3	Zokoto	124 HH 748	2 B/holes required	-
49	4	Kalama (B)	112 HH 670	B/hole needs rehab. 1 B/hole required	1BH: Not Functional (Old)
50	5	Nthondo II - Chimbidzi	50 HH 300	1 B/hole required	1BH: Not Functional (Old)
51	6	Mazongoti-Thekenya	51 HH 306	2 B/holes required (1 to share)	-
52	7	Kaluzi-Lamuele	52 HH 314	B/hole needs rehab. 1 B/hole required	1BH: Functional (but very old)
53	8	Galeta Daimoni Chulu	57 HH 341	1 B/hole required (to share among 3 Villages)	-

S. No.	G.V.H. JAUZALE	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
54	1	Kabudula	57 HH (390)	Broken B/hole 1 B/hole required	1BH: Not Functional

S. No.	G.V.H. MSTINDO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
55	1	Ziyendammanja	70 HH (350)	1 B/hole required	-

S. No.	G.V.H. MADZONGA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
56	1	Madzonga	117 HH (700)	2 B/holes available 1 B/hole required	1BH: Functional
57	2	Mgulumula	11 HH (460)	1 B/hole required	1BH: Not Functional (Old)
58	3	Mnkhunyungu	71 HH (430)	Broken B/hole water quality not good. 1 B/hole required	-
59	4	Chikweteza	56 HH (333)	1 B/hole required	1BH: Not Functional (Old)
60	5	Mlamba - Makina	89 HH (535)	2 B/holes required	-
61	6	Mwadzimbi	110 HH (660)	2 B/holes required	-
62	7	Chimphepo	57 HH (340)	1 B/hole required	-

S. No.	G.V.H. NDALAMA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
63	1	Njombiro Chiuzeni II	59 HH (300?)	1 B/hole required	-
64	2	Chibwalo	41 HH (306)	1 B/hole required	-
65	3	Kalipande	42 HH (300)	1 B/hole required	-
66	4	Kachipanda	42 HH (301)	1 B/hole required	-

S. No.	G.V.H. BONDO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
67	1	Bondo	56 HH (365)	1 B/hole required	1H.D.BH: Functional

S. No.	G.V.H. CHIMTOLO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
68	1	Chikwa	40 HH (300)	1 B/hole required	-
69	2	Kazambala	41 HH (315)	1 B/hole required	-

S. No.	G.V.H. CHIGOWO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
70	1	Chigowo	41 HH (306)	1 B/hole required	1BH: Functional
71	2	Kaphiri	51 HH (450)	1 B/hole required	1BH: Not Functional
72	3	Kamtengo	47 HH (360)	1 B/hole required	-
73	4	Timoti	191 HH (360?)	1 B/hole required	-
74	5	Chadzunda	58 HH (450)	2 B/holes required	-
75	6	Loti	43 HH (370)	1 B/hole required	-
76	7	Chinjili	39 HH (340)	1 B/hole required	-

S. No.	G.V.H. KANJEZA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
77	1	Thema	83 HH (500)	2 B/holes required	-
78	2	Nkhoka	73 HH (435)	1 B/hole required	-
79	3	Chilowa (B)	78 HH (478)	2 B/holes required	1BH: Not Functional
80	4	Katsano	81 HH (488)	2 B/holes required	-

S. No.	G.V.H. SAKALI	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
81	1	Sambo/Chimtem wende	57HH (300?)	1 B/hole required	-

S. No.	G.V.H. KAWALIKA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
82	1	Kawalika	70 HH (320)	(Climax broken) 1 B/hole required.	1BH: Not Functional
83	2	Mwase	50 HH (350)	1 B/hole required	-
84	3	Mitala	60 HH (360)	1 B/hole required	1W.S.W.: Not Functional
85	4	Msema	69 HH (345)	(Climax broken) 1 B/hole required.	1BH: Not Functional (Old)
86	5	Chilufu	72 HH (360)	1 B/hole required	-
87	6	Kadyalu	62 HH (372)	1 B/hole required	-
88	7	Chibondo	56 HH (335)	1 B/hole required	-
89	8	Chimombo II	50 HH (250)	1 B/hole required	-

S. No.	G.V.H. MAKOWA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
90	1	Makowa	95 HH (589)	B/hole needs rehab. 1 B/hole required	1BH: Not Functional
91	2	Mpaya	98 HH (586)	2 B/holes required	-
92	3	Kasi Tomo (Kasitomu)	82 HH (492)	2 B/holes required	-
93	4	Mpondamwala	74 HH (446)	2 B/holes required	-
94	5	Kasalika	61 HH (364)	1 B/hole required	-
95	6	Tumeyo	65 HH (392)	2 B/holes required	-
96	7	Kawodlera I	72 HH (431)	B/hole needs rehab. 1 B/hole required	-
97	8	Mapondera	60 HH (359)	1 B/hole required	-
98	9	Chawina	80 HH (474)	1 B/hole required	-
99	10	Chizeze	58 HH (347)	1 B/hole required	-
100	11	Mangani	58 HH (347)	1 B/hole required	-
101	12	Kuthengo	54 HH (322)	1 B/hole required	-
102	13	Mkhumbira	61 HH (367)	1 B/hole required	-
103	14	Kaodzera II (Kaodzela)	82 HH (493)	2 B/holes required	1BH: Not Functional (Old)
104	15	Ngalize	54 HH (322)	1 B/hole required	-
105	16	Chimpala	58 HH (346)	1 B/hole required	-
106	17	Kamapalira	50 HH (298)	1 B/hole required	-
107	18	Dzonzi	61 HH (364)	1 B/hole required	-
108	19	Chadzunda	76 HH (455)	1 B/hole required	-
109	20	Mikili	54 HH (324)	1 B/hole required	-
110	21	Thauzeni	54 HH (336)	1 B/hole required	-
111	22	Jeke	53 HH (319)	1 B/hole required	-
112	23	Bwanali	53 HH (316)	1 B/hole required	-
113	24	Kasawa	49 HH (294)	1 B/hole required	-
114	25	Mafola	66 HH (395)	1 B/hole required	-

S. No.	G.V.H. MALEMBO	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
115	1	Sapulayi	86 HH (516)	1 B/hole required	-

S. No.	G.V.H. MWANDA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
116	1	Mwanda	259?	1 B/hole required	-
117	2	Msampha	230?	1 B/hole required	-
118	3	Kameta	240?	1 B/hole required	-
119	4	Mabutao/Jezika male	255?	1 B/hole required	-

S. No.	G.V.H. NJAKWA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
120	1	Mazengera	84 HH (418)	1 B/hole required	-
121	2	Kakolowelco	51 HH (306)	B/hole needs rehab.	1BH: Not Functional

S. No.	G.V.H. KAPANGALIKA	VILLAGE NAME	Estimated POP in 2004	Boreholes Required	Existing Water Points (Water Point Mapping Survey)
122	1	Mdatsekako	54 HH (320)	1 B/hole required	-
123	2	Kachera	65 HH (400)	1 B/hole required	-
124	3	Changwe	68 HH (410)	1 B/hole required	-
125	4	Chimphako	50 HH (300)	1 B/hole required	-
126	5	Mkwinda	54 HH (330)	1 B/hole required	-
127	6	Msungata	69 HH (370)	1 B/hole required	-
128	7	Khofi	63 HH (380)	1 B/hole required	-
129	8	Makwembe	60 HH (381)	1 B/hole required	-
130	9	Phetera	60 HH (302)	1 B/hole required	-
131	10	Mwambakulu	65 HH (400)	1 B/hole required	-
132	11	Mwamulu	69 HH (360)	1 B/hole required	-
133	12	Nkhawa	52 HH (320)	1 B/hole required	-

< Abbreviations >

S. No.: Serial Number,
G.V.H.: Group Village Head,
E.A.: Enumuration Area,
POP: Population,
BH: Borehole,
P.S.W.: Protected Shallow Well,
H.D.BH: Hand Dug Borehole (Vonder Well),
W.S.W.: Shallow Well with Windlass,
Old: Well Age more than 30 years

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR GROUNDWATER DEVELOPMENT IN LILONGWE WEST
IN THE REPUBLIC OF MALAWI
(EXPLANATION ON DRAFT REPORT)

In October 2004, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched the Basic Design Study Team on the Project for Groundwater Development in Lilongwe West (hereinafter referred to as "the Project") to the Republic of Malawi (hereinafter referred to as "Malawi"), and through discussion, field survey, and technical examination of the results in Japan, JICA prepared a draft report of the study.

In order to explain and to consult with the Government of Malawi on the components of the draft report, JICA sent to Malawi the Draft Report Explanation Team (hereinafter referred to as "the Team"), which is headed by Mr. Kyoji Mizutani, Resident Representative, Malawi Office, JICA, from April 21 to 26, 2005.

As a result of discussions, both parties confirmed the main items described on the attached sheets.

Lilongwe, April 26, 2005

Mr. Kyoji Mizutani
Leader
Draft Report Explanation Team
Japan International Cooperation Agency
Japan

Mr. Sydney M. N. Mainala
Director of Water Resources
Ministry of Water Development
Republic of Malawi

ATTACHMENT

1. Components of the Draft Report

The Government of Malawi agreed and accepted in principle the components of the draft report explained by the Team.

However, the Team explained that the justification of the procurement of a drilling rig and supporting vehicles should be reexamined after taking the accident mentioned below into account.

2. Japan's Grant Aid scheme

The Malawian side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Malawi as explained by the Team and described in Annex-5 of the Minutes of Discussions signed by both parties on July 5, 2004.

3. Schedule of the Study

JICA will complete the final report in accordance with the confirmed item and send it to the Government of Malawi by July 2005.

4. Other relevant issues

4-1. The traffic accident for the rig procured in the Project for Development of Groundwater in Lilongwe-Dedza

The Malawian side reported that the drilling rig procured in the Project for Development of Groundwater in Lilongwe-Dedza had been damaged by a traffic accident occurred in the beginning of April. The rig was being sent to Zomba to deploy for a groundwater development project and overturned when it tried to avoid a collision. The Malawian side explained that an assessment of the damage would be done in the next week and based on it a report would be prepared to submit to competent authorities of the government. The Malawian side promised to repair under the responsibility of the Malawian Government at any cost because of the following reasons;

1) The rig must be used in the Project,
2) There are so many requests to construct boreholes from local people and authorities,
3) The rig is the newest and the most reliable drilling equipment under the control of the government, and
4) The rig has been already handed over to the Malawian Government from the Japanese Government.

The Malawian side also promised to take the following measures,

1) The Ministry of Water Development will report to JICA Malawi Office every month on the progress of repair,
2) The Ministry will retrain its operators and submit a progress report of training to JICA, and
3) The Ministry will revise the procedure for deployment of equipment.

4-2. Project components

Main components of the project are shown in Annex-1.

However, the Team explained that taking into account the accident mentioned above, whether the procurement of the new drilling rig and supporting vehicles would be included in the Project or not should be reexamined among the Japanese side.

The Malawian side emphasized the importance of sanitation. The Team recognized it and explained that the sanitation could be emphasized in the health and hygiene education which was included in the CBM activities, though provision of sanitary facilities would not be included in the Japanese cooperation.

4-3. Undertakings of the Malawian side

The Malawian side will take the necessary measures, as described in Annex-2, for smooth implementation of the Project, as a condition for the Japanese Grant Aid to be implemented.

Especially following items were emphasized by the Team and agreed by the Malawian side:

(1) Preparation of access roads

The following five villages should improve access roads before commencement of borehole construction through the CBM program. The Team explained that the improvement work would be minor operation without necessity of heavy equipment.

<TA Kalolo>	
Chilembwe	Leveling of an access road
Mandindi	Widening of an access road to 3 m
Chingona (B)	Widening of an access road to 3 m
Lawudani	Widening of an access road to 3 m
<TA Khongoni>	
Kadyalu	Leveling of an access road

(2) Preparation of well construction sites

Well construction sites will be decided based on intention of villagers and results of geophysical survey and should be cleared and leveled by villagers.

(3) Preparation of land for warehouse, stockyard and parking

In the Namitete Unit, 2,500m^2 of land should be secured and cleared for warehouse, stockyard and parking before the commencement of preparatory work.

(4) Lending the equipment procured in the Project for Development of Groundwater in Lilongwe-Dedza

The following equipment should be attached to the Japanese side:

1) Truck mounted drilling rig	1 unit
2) Truck mounted high pressure air compressor	1 unit
3) Well development and pumping test equipment	1 lot
4) Cargo truck with 3-ton crane	1 unit
5) Fuel tank	1 unit
6) Water tank	2 units

The drilling rig mentioned above should be repaired by the Malawian side. In case it is not prepared, the one procured in the Rural Water Supply Project in the West of Mzimba District should be furnished. Availability of the rig will be examined by the Japanese side by September 2006 at the latest. The Team commented that if the Malawian side failed to provide the rig, the number of boreholes in the Project would be reduced inevitably.

(5) Staff and personnel expenses

The following staff should be allocated to the Project and personnel expenses including daily allowance and travel cost should be borne by the Malawian side:

1) Project coordinators from the Ministry of Water Development;
2) Operating staff of equipment from the Borehole Construction Fund; and
3) Staff to implement CBM program from the Ministry of Water Development, Ministry of Health, Ministry of Gender and Community Services.

(6) Coordination with related organizations, NGOs and other donors

Coordination with Lilongwe District, NGOs like Inter Aide and Water Supply & Sanitation Collaborative Council, and donors working for the water supply and sanitation sector is especially important.

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4-4. Ownership of the Malawian side to the CBM program

The Team emphasized that the Malawian side should strengthen ownership to the CBM program by securing a sufficient budget and ensuring continuity, and that the allocation of staff and personnel expenses for the CBM program would be necessary requirement to implement the Project.

The Team also explained its policy that the Japanese side would not bear daily allowance, travel cost or other expenses of villagers necessary for attending CBM trainings. In case that villagers demand allowance and fail to turn out to CBM training, such a village will be ruled out from the Project.

The Malawian side understood the policy of the Japanese side.

4-5. Proper use of equipment

The Team requested the Malawian side to ensure that the equipment purchased under the Japan's Grant Aid be maintained and used properly and effectively for the Project, reserving sufficient budget for operation cost and staff.

4-6. Draft detailed specification of the equipment

The Team handed one copy of the draft detailed specification of the equipment to Mr. Sydney M. Mainala, Director of Water Resources, Ministry of Water Development. Both sides agreed that this draft specification was confidential and should not be duplicated or released to any outside parties.

ANNEX-1 : Main components of the project

(1) Construction of boreholes

296 boreholes including apron, drain and washing slab for 234 villages

(2) Procurement of equipment

- For Borehole Drilling

1) Drilling rig (truck mounted, 4 x 4)	1 unit
2) High pressure air compressor (truck mounted, 4 x 4)	1 unit
3) Borehole development equipment with truck (4 x 4)	1 unit
4) Pumping test equipment	1 lot
5) Cargo truck with 3-ton crane (4 x 4)	2 unit
6) Pick-up type light vehicle (single cabin, 4 x 4)	1 unit
7) Pick-up type light vehicle (double cabin, 4 x 4)	1 unit
8) Geo-electric survey equipment	1 unit

- For Research and Monitoring

9) Motorcycle	3 units
10) Global positioning system (GPS)	2 units
11) Desktop computer for database	1 unit

(3) Technical assistance

1) Improving ability of local administrations for CBM programs

2) CBM training for Water Point Committees

3) Improving a local maintenance system by introducing area mechanics

ANNEX-2 : Undertakings of the Malawian Side

1. To prepare access roads to the villages;
2. To prepare well construction sites in the villages;
3. To prepare land for warehouse, stockyard and parking in the premises of Namitete Unit;
4. To attach the existing equipment including one set of drilling rig;
5. To allocate staff to participate in the Project and ensure personnel expenses;
6. To coordinate with related organizations, NGOs and other donors;
7. To provide necessary data and information;
8. To bear commissions, namely advising commissions of an Authorization to Pay (A/P) and payment commissions, to the Japanese foreign exchange bank for the banking services based upon the Banking Arrangement (B/A);
9. To exempt Japanese nationals from customs duties, internal taxes and fiscal levies which may be imposed in Malawi with respect to the supply of the products and services under the verified contracts;
10. To ensure prompt unloading and customs clearance of the construction materials and equipment purchased or brought under the Japan's Grant Aid at ports of disembarkation in Malawi;
11. To accord Japanese nationals whose services may be required in connection with the supply of the products and services under the verified contracts such facilities as may be necessary for their entry into Malawi and stay therein for the performance of their work;
12. To ensure necessary staff and budget to operate and maintain the equipment purchased under the Japan's Grant Aid;
13. To ensure that the facilities constructed and equipment purchased under the Japan's Grant Aid be maintained and used properly and effectively for the Project;
14. To bear all the expenses, other than those covered by the Japan's Grant Aid, necessary for the Project;
15. To keep and manage tools and spare parts procured by the Japan's Grant Aid properly;
16. To ensure participation of Malawian staff to the borehole construction works in the course of borehole construction works;
17. To implement the CBM program to ensure proactive operation and maintenance of water supply facilities by the villages; and
18. To construct fence, drain and infiltration pit for the water supply facilities through material and labor contribution by villagers.

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[資料] 5. 事業事前計画表(基本設計時)

５．事業事前計画表

事業事前計画表（基本設計時）

１．案件名
マラウイ共和国　リロングウェ西地区地下水開発計画
２．要請の背景（協力の必要性・位置付け）
・ 国民が安全な飲料水に恒常的にアクセスできるようにすることは、経済活動の基礎を向上させるとの認識から、上位計画であるマラウイ貧困削減戦略(2002 年)では 2000 年時点の全国給水率 65.4%（地方部では約 60%）を 2005 年に 84%とする目標を掲げ、深井戸については新設 7,500 本、修復 2,000 本、自然流下式水道については 15 施設の修復を計画した。深井戸の新設は、政府、国際支援機関、ＮＧＯを含め年間 2,500 本が必要であるが、明らかに実績が目標を大きく下回っている。 ・ 政府、民間を含めた国内の深井戸掘削能力の限界から、水理地質条件やアクセス条件の違いにより、地方の給水率は地域間格差を生じ、未だ給水率 30%以下の地域が存在する。深井戸など安全で安定的な水源を利用できない住民は、手掘りの浅井戸や沼・河川など乾期に干上がる不衛生な水源に依存している。ＮＧＯを含む給水衛生協力協議会の給水施設マッピング調査により、リロングウェ西地区の給水率が 23%と特に低いことが明らかとなった。また、民間の開発能力が未だ十分でないため、多様な条件に対応する政府の深井戸建設能力を維持・増強する必要がある。 ・ 深井戸施設に対しては、住民啓発活動により利用者住民が計画段階から参加し、利用者の給水施設委員会にオーナーシップを委譲し、維持管理責任を持たせる政策に転換しているが、住民組織のない古い井戸、以前の啓発活動で組織された給水施設委員会の持続性の欠如、維持管理指導にあたる政府側の要員・予算の不足等により深井戸施設の稼働率は低い。稼働率向上の基礎として住民参加型の啓発活動の浸透を図るため普及員のキャパシティ向上とモニタリング体制の強化が必要とされる。
３．プロジェクト全体計画概要
（１） プロジェクト全体計画の目標（裨益対象の範囲及び規模） ・ 裨益対象：リロングウェ県カロロ郡とコンゴニ郡の住民　約 132,000 人(2008 年) ・ 期待される直接的便益： ア．対象地域における安全な水の給水率が向上する（23%から 49%）。 イ．建設する深井戸ごとに給水施設委員会が設立され、住民による維持管理体制が確立する。 （２） プロジェクト全体計画の成果（下線：無償資金協力が直接関与する事項） ・ <u>カロロ郡に 151 ヶ所、コンゴニ郡に 145 ヶ所の深井戸施設が整備される。</u> ・ <u>マラウイ国の深井戸建設関連機材が整備され、対象地域の井戸建設に使用されるほか、マラウイ国の地下水開発能力が向上する。</u> ・ <u>建設される深井戸施設毎に施設を維持管理する利用者住民の給水施設委員会が組織され、自主的な運営・維持管理体制が整備される。</u>

（3） プロジェクト全体計画の主要活動（下線：当該無償資金協力が直接関係する事項）

・ 深井戸掘削関連機材を調達する。
・ 新規調達機材、過去の調達機材及び民間業者の機材を使用して深井戸施設を建設する。
・ 住民啓発活動の普及員を養成し、深井戸施設毎に給水施設委員会の設立、トレーニング、住民のワークショップを通して深井戸の持続可能な維持管理体制を構築する。

（4） 投入（インプット） （下線：日本側投入）

ア．日本側（＝本案件）：無償資金協力： 9.52 億円

イ．マラウイ国側

必要な人員：調達機材による深井戸掘削工事の要員（掘削技術者、運転手等）、
建設資機材：調達済み既存掘削機材 １式
施設の運営・維持管理：啓発活動要員・モニタリング要員の人件費
機材の運営・維持管理：維持修理要員の人件費

（5） 実施体制

・ 実施機関： 水資源開発省 水資源局

４．無償資金協力案件の内容（通期）

（1） サイト

マラウイ国 中部州 リロングウェ県 （カロロ郡 116 村、コンゴニ郡 118 村）

（2） 概要

・ 機材調達：深井戸建設機材及び調査・モニタリング用機材の調達
・ 施設建設：深井戸及び付帯するエプロン、排水施設、洗濯場（296 ヶ所）
・ 技術支援：啓発普及員の養成、コミュニティトレーニングに係る技術指導、啓発活動支援

（3） 相手国負担事項

施工基地と深井戸建設用地の確保と整地
基地から建設用地までの施工機械のアクセス道路の整備
深井戸掘削機材の提供（過去の無償資金協力による調達機材）
深井戸建設工事に参加する要員（調達機材の掘削技術者、運転手等）の確保
排水ピットの設置（利用者住民による）

（4） 概算事業費

概算事業費 9.64 億円（無償資金協力9.52 億円、マラウイ国負担 0.12 億円）

（5） 工期

詳細設計・入札期間を含め約３年１ヶ月（予定）

（6） 貧困、ジェンダー、環境及び社会面の配慮

給水施設委員会のメンバー選出にあたっては、各施設 10 名のうち過半数を女性とするように配慮する。

５．外部要因リスク

異常な干ばつにより深井戸地下水位が異常低下しない

著しい経済の混乱がない

６．過去の類似案件からの教訓の活用

施設の維持管理責任に対する住民組織のモチベーションを向上させるため、相互交流による意見・情報交換を図るスタディツアーを実施する。

村落のポンプ管理人では対処できない重大な故障に対する修理体制として、地域の深井戸を点検・修理できる「エリアメカニック」を養成、認証するシステムを試行する。

７．プロジェクト全体計画の事後評価にかかる提案

（１） プロジェクト全体の目標を示す成果指標

項目	2004 年現状	2008 年計画
深井戸給水施設整備箇所	202	498
カロロ・コンゴニ郡の給水率（深井戸）	23%	49%
対象村落の給水施設委員会(WPC)設立	－	296

（２） その他の成果指標

特になし

（３） 評価のタイミング

2009 年以降（2008 年 11 月の深井戸建設工事・ソフトコンポーネントの完了以降）

[資料] 6. 参考資料/入手資料リスト

６．参考資料/入手資料リスト

収集資料リスト

№	資　料　名	形 態	収集資料	専門家作成資料	JICA作成資料	発　行　機　関	備考
1	Strategic Plan 2003 - 2006	コピー	○			Ministry of Water Development	
2	Devolution of Functions to Assemblies Guidelines and Standards	コピー	○			Ministry of Water Development	
3	1998 Malawi Population and Housing Census; Population Projections Report 1999 – 2023	図書	○			National Statistical Office	
4	Madzi Ndi Moyo presentation Lilongwe District – Malawi TAs Kalolo, Khongoni, Kabudula, Malili, Njewa: April 2004	コピー	○			Inter Aide	

[資料] 7. その他の資料･情報

7－1 対象村落及び深井戸掘削計画リスト
7－2 対象村落調査結果
7－3 社会経済調査結果データ
7－4 物理探査結果
7－5 水質試験結果
7－6 既存井戸資料

T.A.Kalolo

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
1.1	Kansengwa	LW 1-1	45		○	
1.2		LW 1-2	45		○	
1.3		LW 1-3	45		○	
2.1	Dzuluwanda	LW 1-4	70		○	
2.2		LW 1-5	70		○	
3.1	Chidzenje (Zikaonga)	LW 1-6	45		○	
3.2		LW 1-7	45		○	
4	Kamangira	LW 1-8	45		○	
5	Guli-guli	LW 1-9	50			○
6.1	Nkhwambala	LW 1-10	50		○	
6.2		LW 1-11	50		○	
7	Chiziko	LW 1-12	45		○	
8	Nkhata	LW 1-13	46			○
9	Kampala	LW 1-14	45			○
10.1	Chisenga	LW 1-15	45			○
10.2		LW 1-16	45			○
11	Mthiko	LW 1-17	45			○
12	Mnkhowe	LW 1-18	45			○
13	Mchilawankhondo	LW 1-19	45			○
14	Chisikwa	LW 1-20	45			○
15.1	Chibungo	LW 1-21	46			○
15.2		LW 1-22	46			○
15.3		LW 1-23	46			○
15.4		LW 1-24	46			○
15.5		LW 1-25	46			○
16	Muyula	LW 1-26	46			○
18.1	Gome	LW 1-27	45			○
18.2		LW 1-28	45			○
19.1	Mpingo II	LW 1-29	43			○
19.2		LW 1-30	43			○
20	Kabwana	LW 1-31	46			○
21	Madika	LW 1-32	46			○
22	Mzungu	LW 1-33	70			○
24	Mnjeza / *Mutsekanjira*	LW 1-34	45			○
25	Chituwi	LW 1-35	45			○
26	Chikumbutsi	LW 1-36	45			○
27.1	Chilembwe	LW 1-37	45			○
27.2		LW 1-38	45			○
28	Kanyoni	LW 1-39	45			○
29	Chitapangombe	LW 1-40	45			○
30	Kumtsizi	LW 1-41	50			○

T.A.Kalolo

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
31	Kamkuwe	LW 1-42	46			○
32	Nsinsinja	LW 1-43	45			○
33	Mandindi	LW 1-44	45			○
34	Ngalazuka	LW 1-45	45			○
35	Kamatila	LW 1-46	45			○
36.1	Dambo	LW 1-47	37			○
36.2		LW 1-48	37			○
37.1	Makula(A)(B)(C)	LW 1-49	45		○	
37.2		LW 1-50	45		○	
37.3		LW 1-51	45		○	
37.4		LW 1-52	45		○	
38.1	Mizati(A)(B)	LW 1-53	45		○	
38.2		LW 1-54	45		○	
39	Chipira Msanga	LW 1-55	47		○	
40	Masekese	LW 1-56	45		○	
41	Chipira Kakoma(A)	LW 1-57	55		○	
42	Guliguli 1	LW 1-58	35		○	
43.1	Chamoto	LW 1-59	45		○	
43.2		LW 1-60	45		○	
45	Geremani	LW 1-61	66		○	
46	Mkuwira	LW 1-62	45		○	
47	Nyanda	LW 1-63	33		○	
48	Muzayani	LW 1-64	44		○	
49	Chingona(B)	LW 1-65	44		○	
50.1	Mzokoto	LW 1-66	45		○	
50.2		LW 1-67	45		○	
51	Lawudani	LW 1-68	45		○	
52	Kalongopywera	LW 1-69	44		○	
53	Mugulula	LW 1-70	45		○	
54	Mtsinambuto/Kalata	LW 1-71	50		○	
55	Chadza	LW 1-72	50		○	
56.1	Mawulana/Mukuwanba	LW 1-73	45		○	
56.2		LW 1-74	45		○	
57	Ntchisi	LW 1-75	30		○	
58.1	Mchawa	LW 1-76	45		○	
58.2		LW 1-77	45		○	
59.1	Mlinga	LW 1-78	45		○	
59.2		LW 1-79	45		○	
60	Chingondo	LW 1-80	35		○	
62	M'bangombe	LW 1-81	50		○	
63.1	Mlera	LW 1-82	44		○	
63.2		LW 1-83	44		○	

T.A.Kalolo

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
64.1	Nyozwe / *Mikiyere*	LW 1-84	45			○
64.2		LW 1-85	45			○
65	Sungamanja	LW 1-86	45			○
66	Mapira	LW 1-87	45			○
67	Kango	LW 1-88	46			○
68	Chigwasa	LW 1-89	46			○
69	Chapota	LW 1-90	46			○
70.1	Chilomo	LW 1-91	46			○
70.2		LW 1-92	46			○
72	Kangulu	LW 1-93	45			○
73	Chimbwala	LW 1-94	40			○
74	Sinumbe (Sinumbe TC)	LW 1-95	46			○
75.1	Sosola	LW 1-96	45			○
75.2		LW 1-97	45			○
76	Jamu	LW 1-98	45			○
77	Sankhulani	LW 1-99	45			○
78	Dzama	LW 1-100	45	○		
79	Yotamu	LW 1-101	46	○		
80	Kanyopola	LW 1-102	46	○		
81	Chafuta	LW 1-103	46	○		
82	Jonasi	LW 1-104	70	○		
83	Chinkhata	LW 1-105	45	○		
84	Kwazani	LW 1-106	45	○		
85	Makoka	LW 1-107	45	○		
86	Kalichelo	LW 1-108	46	○		
87	Mthyothyo	LW 1-109	46	○		
88	Chilima	LW 1-110	46	○		
89	Lusha	LW 1-111	30	○		
90.1	Dzinja	LW 1-112	43			○
90.2		LW 1-113	43			○
90.3		LW 1-114	43			○
90.4		LW 1-115	43			○
91	Mkanda	LW 1-116	45		○	
92.1	Kadzani	LW 1-117	50		○	
92.2		LW 1-118	50		○	
93.1	Mkoko	LW 1-119	45		○	
93.2		LW 1-120	45		○	
94	Kafunde	LW 1-121	30			○
95	Mpondamwala	LW 1-122	45			○
96	Kathumba	LW 1-123	45			○
97	Zuwande	LW 1-124	45			○
98	Mnkawila	LW 1-125	45		○	

T.A.Kalolo

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
99	Dzowole	LW 1-126	46		○	
100	Kolonga	LW 1-127	35		○	
101	Kwenje	LW 1-128	45		○	
102	Chizula	LW 1-129	45		○	
103	Senu	LW 1-130	45		○	
104.1	Khwema	LW 1-131	46		○	
104.2		LW 1-132	46		○	
105	Mdabwi	LW 1-133	46		○	
106.1	Mliwu	LW 1-134	30		○	
106.2		LW 1-135	30		○	
107.1	Chithangile	LW 1-136	50		○	
107.2		LW 1-137	50		○	
108	Manthalu	LW 1-138	45		○	
109	Chaponda	LW 1-139	45		○	
110	Manjawila	LW 1-140	42		○	
111	Chikalipo	LW 1-141	50		○	
112	Lendemani	LW 1-142	45		○	
113	Malumbila	LW 1-143	46		○	
114	Mkozomba	LW 1-144	46		○	
115	Mkanthama	LW 1-145	46		○	
116	Zakalya	LW 1-146	60		○	
117	Chipozongo	LW 1-147	46		○	
118	Palimtima	LW 1-148	46		○	
119	Makanga	LW 1-149	50		○	
120	Chimloto	LW 1-150	46		○	
121	Mndulu(Mthondo B)	LW 1-151	46		○	
Average			45.6			
Total				12	78	61

T.A.Khongoni

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
3	Mbalame(A)	LW 2-1	46	○		
4	Kanjanja	LW 2-2	45	○		
5	Kanzota	LW 2-3	45	○		
6	Masitala-Maria	LW 2-4	46	○		
7	Levi	LW 2-5	45	○		
8	Mweziwauma	LW 2-6	46	○		
9	Mandelo-Mika	LW 2-7	45	○		
10	Kachilikiza	LW 2-8	46		○	
11	Benjamani	LW 2-9	70	○		
12	Nkhombokombo	LW 2-10	45	○		
13.1	Waya	LW 2-11	50	○		
13.2		LW 2-12	50	○		
13.3		LW 2-13	50	○		
14	Kantugwala-Chimpesi	LW 2-14	37		○	
15	Mnbamwana	LW 2-15	37		○	
16	Mkhuta	LW 2-16	37		○	
17	Kambudzi	LW 2-17	50		○	
21	Chalonga					
23	Mtabvu					
24	Imfa					
18	Chitindi	LW 2-18	46		○	
19	Salima	LW 2-19	30		○	
20	Kapudzama	LW 2-20	31		○	
22.1	Chaipa-Mnjale	LW 2-21	46		○	
22.2		LW 2-22	46		○	
26	Naferanji	LW 2-23	47		○	
27	Katugwa	LW 2-24	46		○	
28.1	Nyanga	LW 2-25	55		○	
28.2		LW 2-26	55		○	
30	Chipeni	LW 2-27	46		○	
31.1	Gulumba(A)	LW 2-28	31		○	
31.2		LW 2-29	31		○	
32.1	Sixpence/Nabuzi	LW 2-30	31			○
32.2		LW 2-31	31			○
33.1	Masantchi/Salale/Masantchi	LW 2-32	46			○
33.2		LW 2-33	46			○
34.1	Williamu/Jasiteni/Nthochi	LW 2-34	46		○	
34.2		LW 2-35	46		○	
35.1	Zamula/Jere	LW 2-36	46		○	
35.2		LW 2-37	46		○	
36.1	Monjo / Mduluza	LW 2-38	46		○	
36.2		LW 2-39	46		○	
37	Mbewa II	LW 2-40	43		○	
38	Chizewa	LW 2-41	46		○	
39	Mwachipula	LW 2-42	49		○	

T.A.Khongoni

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
40.1	Kakhutantaya Kalitsilo	LW 2-43	46		○	
40.2		LW 2-44	46		○	
41	Gomani / Nthala	LW 2-45	46			○
42.1	Mtswati	LW 2-46	60		○	
42.2		LW 2-47	60		○	
43	Mafuta	LW 2-48	46			○
44	Nkhulange / Pashane	LW 2-49	46			○
45	Mndimbanzo-Chimbalu	LW 2-50	40		○	
46.1	Mangila	LW 2-51	43		○	
46.2		LW 2-52	43		○	
47.1	Mthumba	LW 2-53	46		○	
47.2		LW 2-54	46		○	
48	Zokoto	LW 2-55	46		○	
49	Kamala	LW 2-56	46		○	
50	Nthondo II - Chimbidzi	LW 2-57	46		○	
51	Mazongoti-Thekenya	LW 2-58	46		○	
52	Kaluzu-Lauele	LW 2-59	46		○	
53.1	Daimoni-Chulu-Gelata	LW 2-60	46		○	
53.2		LW 2-61	46		○	
55	Ziyendammanja	LW 2-62	46		○	
57	Mgulumula	LW 2-63	46			○
58	Mnkhunyungu	LW 2-64	46			○
59	Chikweteza	LW 2-65	46			○
60.1	Mulamba / Makina	LW 2-66	46			○
60.2		LW 2-67	46			○
61.1	Mwadzimbi	LW 2-68	55			○
61.2		LW 2-69	55			○
62.1	Chimphepo	LW 2-70	46			○
62.2		LW 2-71	46			○
63.1	Njombiro / Chiuzeni II	LW 2-72	46			○
63.2		LW 2-73	46			○
64	Chibwalo	LW 2-74	46		○	
65	Kalipande	LW 2-75	46		○	
66	Kachipanda	LW 2-76	46			○
67	Bondo	LW 2-77	59		○	
68	Chikwa	LW 2-78	45		○	
69	Kazambala	LW 2-79	45		○	
71	Kaphiri	LW 2-80	45		○	
72	Kamtengo	LW 2-81	45		○	
73	Timoti	LW 2-82	45		○	
74	Chadzunda	LW 2-83	45		○	
75	Loti	LW 2-84	45		○	
76	Chinjili	LW 2-85	45		○	
77	Thema	LW 2-86	45		○	
78	Nkhoka	LW 2-87	45		○	
79.1	Chilowa	LW 2-88	33		○	

T.A.Khongoni

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
79.2		LW 2-89	33		○	
80	Katsano	LW 2-90	46		○	
81	Chimtemwende/Sambo	LW 2-91	46			○
83	Mwase	LW 2-92	45		○	
84	Milala	LW 2-93	45		○	
86	Chilufu	LW 2-94	45		○	
87	Kadyalu	LW 2-95	45		○	
88	Chibondo	LW 2-96	45		○	
89.1	Chimombo II	LW 2-97	43		○	
89.2		LW 2-98	43		○	
90	Makowa	LW 2-99	50			○
91.1	Mpaya	LW 2-100	46			○
91.2		LW 2-101	46			○
92	Kasi Tomo	LW 2-102	46			○
93	Mpondamwala	LW 2-103	46			○
94	Kasalika	LW 2-104	50			○
95.1	Tumeyo	LW 2-105	45			○
95.2		LW 2-106	45			○
97	Mapandera	LW 2-107	46			○
98	Chawina	LW 2-108	46			○
99	Chizeze	LW 2-109	46			○
100	Mangani	LW 2-110	45			○
101	Kuthengo	LW 2-111	46			○
102	Mkhumbira	LW 2-112	46			○
103	Kaodzara II	LW 2-113	80			○
104	Ngalze	LW 2-114	45		○	
105	Chimpala	LW 2-115	45			○
106	Kampalira	LW 2-116	46			○
107	Dzonzi	LW 2-117	46			○
108	Chadzunda	LW 2-118	45			○
109	Mikili	LW 2-119	46			○
110	Thauzeni	LW 2-120	46			○
111	Jeke	LW 2-121	45			○
112	Bwanali	LW 2-122	46			○
113	Kasawa	LW 2-123	46			○
114	Mafora	LW 2-124	46			○
115.1	Sapulayi	LW 2-125	45			○
115.2		LW 2-126	45			○
116	Mwanda	LW 2-127	50			○
117	Msampha	LW 2-128	45			○
118	Kameta	LW 2-129	45		○	
119	Mabutao/Jazikamale	LW 2-130	45			○
120	Magengera	LW 2-131	50		○	
121	Kakoloweko	LW 2-132	50		○	
122	Mdatsekako	LW 2-133	45			○
123	Kachera	LW 2-134	45			○

T.A.Khongoni

No	村落名	BH No.	掘削計画深度 (m)	期分け		
				1	2	3
124	Changwe	LW 2-135	37			○
125	Chimphako	LW 2-136	45			○
126	Mkwinda	LW 2-137	30		○	
127.1	Msungata	LW 2-138	46		○	
127.2		LW 2-139	46		○	
128	Khofi	LW 2-140	45		○	
129	Makwembe	LW 2-141	40		○	
130	Phetera	LW 2-142	45		○	
131	Mwanbakulu	LW 2-143	67		○	
132	Mwamulu	LW 2-144	45			○
133	Nkhawa	LW 2-145	50		○	
Average			45.8			
Total				12	78	55

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
T.A.	**KALOLO**																						
1	Kansengwa	1,004	3	Y						3	45		3		C	0	0	3	0	14	0.282	33	23.232
2	Dzuluwanda	600	2	Y						2	70		2		C	0	0	2	0	14	1.388	33	23.127
3	Chidzenje (Zikaonga)	1,354	3	Y		1		1		2	45		2		C	0	0	2	0	13	59.450	33	23.252
4	Kamangira	340	1	Y						1	45		1		C	0	0	1	0	13	58.767	33	22.824
5	Guli-guli	365	1	Y						1	50			1	C	0	0	1	0	13	*58.562*	*33*	*24.216*
6	Nkhwambala	1,070	3	Y	1			1		2	50		2		C	0	0	2	0	14	1.355	33	24.404
7	Chiziko	400	1	Y					1	1	45		1		C	0	0	1	0	14	1.352	33	24.385
8	Nkhata	381	1	Y					1	1	46			1	A	1	0	0	0	13	59.595	33	25.971
9	Kampala	365	1	Y					1	1	45			1	C	0	0	1	0	14	0.900	33	28.763
10	Chisenga	550	2	Y						2	45			2	C	0	0	2	0	14	1.260	33	28.947
11	Mthiko	390	1	Y						1	45			1	C	0	0	1	0	14	1.092	33	29.700
12	Mnkhowe	464	1	Y						1	45			1	C	0	0	1	0	14	1.267	33	29.915
13	Mchilawankhondo	350	1	Y						1	45			1	C	0	0	1	0	14	0.316	33	28.527
14	Chisikwa	1,300	3	Y	1	1	1	3		1	45			1	C	0	0	1	0	14	0.437	33	28.536
15	Chibungo	3,150	7	Y	1	1	1	3		5	46			5	A	5	0	0	0	13	57.786	33	27.329
16	Muyula	494	1	Y			1	1		1	46			1	A	1	0	0	0	13	59.065	33	26.877
17	Phulamazila	1,200	3	N	1			1	2	0				0	(C)	0	0	0	0	13	55.748	33	28.269
18	Gome	530	2	Y						2	45			2	C	0	0	2	0	13	59.008	33	28.581
19	Mpingo II	1,320	3	Y	1			1		2	43			2	A	2	0	0	0	13	59.946	33	26.790
20	Kabwana	745	2	Y		1		1		1	46			1	A	1	0	0	0	13	56.916	33	27.586
21	Madika	267	1	Y						1	46			1	A	1	0	0	0	13	56.945	33	26.277
22	Mzungu	427	1	Y					1	1	70			1	A	1	0	0	0	13	56.982	33	26.663
23	Mngongona / *Gundula*	469	1	Y	(1) 量, 味不良	1		1		0				0	(A)	0	0	0	0	13	58.834	33	27.900
24	Mnjeza / *Mutsekanjira*	436	1	Y						1	45			1	C	0	0	1	0	13	58.168	33	28.641
25	Chituwi	379	1	Y			1	1		1	45			1	C	0	0	1	0	13	56.706	33	29.633
26	Chikumbutsi	132	1	Y						1	45			1	C	0	0	1	0	13	56.589	33	29.917
27	Chilembwe	600	2	Y						2	45			2	C	0	0	2	0	13	57.349	33	28.813
28	Kanyoni	446	1	Y						1	45			1	C	0	0	1	0	13	56.812	33	29.282
29	Chitapangombe	257	1	Y						1	45			1	C	0	0	1	0	13	56.554	33	29.800
30	Kumtsizi	360	1	Y						1	50			1	C	0	0	1	0	13	59.601	33	28.739
31	Kamkuwe	350	1	Y						1	46			1	A	1	0	0	0	13	58.460	33	26.963
32	Nsinsinja	294	1	Y					1	1	45			1	C	0	0	1	0	13	58.905	33	29.295

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
33	Mandindi	295	1	Y						1	45			1	C	0	0	1	0	13	58.705	33	30.755
34	Ngalazuka	450	1	Y						1	45			1	C	0	0	1	0	14	0.429	33	30.040
35	Kamatila	800	2	Y	1		1	2		1	45			1	C	0	0	1	0	13	58.412	33	31.041
36	Dambo	1,000	2	Y			1	1		2	37			2	C	0	0	2	0	13	57.563	33	31.094
37	Makula(A)(B)(C)	2,000	4	Y						**4**	**45**		**4**		C	0	0	4	0	14	3.006	33	20.700
38	Mizati(A)(B)	600	2	Y						2	45		2		C	0	0	2	0	14	3.931	33	21.758
39	Chipira Msanga	421	1	Y						1	47		1		C	0	0	1	0	14	2.529	33	20.425
40	Masekese	170	1	Y						1	45		1		C	0	0	1	0	14	2.393	33	22.008
41	Chipira Kakoma(A)	430	1	Y						1	55		1		C	0	0	1	0	14	1.960	33	21.266
42	Guliguli 1	445	1	Y						1	35		1		C	0	0	1	0	14	3.497	33	21.116
43	Chamoto	1,112	3	Y	1			1		2	45		2		C	0	0	2	0	14	5.702	33	24.024
44	Kaziputa	422	1	Y	1			1		0			0		(C)	0	0	0	0	14	4.451	33	22.475
45	Geremani	480	1	Y						**1**	**66**		**1**		A	1	0	0	0	14	2.980	33	23.237
46	Mkuwira	606	2	Y		**1**		1		**1**	45		**1**		D	0	0	0	1	14	7.570	33	24.546
47	Nyanda	340	1	Y						1	33		1		D	0	0	0	1	14	8.067	33	23.402
48	Muzayani	409	1	Y						1	44		1		D	0	0	0	1	14	7.737	33	22.980
49	Chingona(B)	240	1	Y						1	44		1		D	0	0	0	1	14	6.512	33	24.347
50	Mzokoto	768	2	Y						**2**	45		**2**		D	0	0	0	2	14	6.894	33	25.103
51	Lawudani	176	1	Y						1	45		1		D	0	0	0	1	14	7.948	33	24.677
52	Kalongopywera	450	1	Y						1	44		1		D	0	0	0	1	14	8.239	33	23.486
53	Mugulula	400	1	Y						1	45		1		D	0	0	0	1	14	7.286	33	25.851
54	Mtsinambuto/Kalata	250	1	Y						1	50		1		C	0	0	1	0	14	6.874	33	26.345
55	Chadza	700	2	Y	1			1		1	50		1		D	0	0	0	1	14	5.827	33	22.769
56	Mawulana/Mukuwanba	570	2	Y						**2**	45		**2**		D	0	0	0	2	14	6.581	33	23.346
57	Ntchisi	342	1	Y						1	30		1		D	0	0	0	1	14	6.829	33	23.047
58	Mchawa	517	2	Y						2	45		2		C	0	0	2	0	14	4.895	33	23.027
59	Mlinga	609	2	Y						2	45		2		C	0	0	2	0	14	5.009	33	22.769
60	Chingondo	380	1	Y						**1**	**35**		**1**		C	0	0	1	0	14	4.737	33	23.978
61	Chipanga	248	1	Y	1			1		0			0		(D)	0	0	0	0	14	9.797	33	21.984
62	M'bangombe	322	1	Y						1	50		1		D	0	0	0	1	14	10.095	33	22.785
63	Mlera	502	2	Y						2	44		2		D	0	0	0	2	14	10.019	33	22.676
64	Nyozwe / *Mikiyere*	939	2	Y						2	45			2	C	0	0	2	0	13	52.865	33	22.090
65	Sungamanja	450	1	Y						1	45			1	C	0	0	1	0	13	52.372	33	22.087
66	Mapira	373	1	Y					1	1	45			1	C	0	0	1	0	13	53.223	33	22.735

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
67	Kango	155	1	Y						1	46			1	B	0	1	0	0	13	52.418	33	23.256
71	Gwani (5 min walk from Kango)	75		Y						0	46				(B)	0	0	0	0	13	52.367	33	23.409
68	Chigwasa (2 min walk from Chilomo)	402	1	Y						1	46			1	B	0	1	0	0	13	53.254	33	23.838
69	Chapota	403	1	Y					1	1	46			1	B	0	1	0	0	13	53.668	33	24.010
70	Chilomo (2 min walk from Chigwasa)	750	2	Y					1	2	46			2	B	0	2	0	0	13	53.344	33	23.878
72	Kangulu	372	1	Y					1	1	45			1	C	0	0	1	0	13	53.367	33	21.820
73	Chimbwala	216	1	Y						1	40			1	C	0	0	1	0	13	53.151	33	21.182
74	Sinumbe	290	1	Y				0		1	46			1	B	0	1	0	0	13	54.287	33	23.892
75	Sosola	488	1	Y						**2**	45			**2**	C	0	0	2	0	13	53.915	33	20.981
76	Jamu	326	1	Y						1	45			1	C	0	0	1	0	13	53.626	33	20.852
77	Sankhulani	360	1	Y						1	45			1	C	0	0	1	0	13	54.000	33	20.080
78	Dzama	440	1	Y			1	1		1	45	1			C	0	0	1	0	13	50.899	33	16.667
79	Yotamu	280	1	Y						1	46	1			B	0	1	0	0	13	51.615	33	17.730
80	Kanyopola	180	1	Y						1	46	1			B	0	1	0	0	13	51.613	33	17.845
81	Chafuta	345	1	Y						1	46	1			B	0	1	0	0	13	53.281	33	17.395
82	Jonasi	440	1	Y						1	70	1			B	0	1	0	0	13	51.469	33	17.428
83	Chinkhata	429	1	Y						1	45	1			C	0	0	1	0	13	50.886	33	16.650
84	Kwazani	148	1	Y						1	45	1			C	0	0	1	0	13	53.655	33	19.701
85	Makoka	374	1	Y						1	45	1			B	0	1	0	0	13	53.940	33	18.349
86	Kalichelo	**440**	1	Y						**1**	46	**1**			B	0	1	0	0	13	52.536	33	19.282
87	Mthyothyo	465	1	Y						1	46	1			B	0	1	0	0	13	52.939	33	18.476
88	Chilima	290	1	Y						1	46	1			B	0	1	0	0	13	53.159	33	18.184
89	Lusha	356	1	Y						1	30	1			B	0	1	0	0	13	53.510	33	18.126
90	Dzinja	1,600	4	Y						4	43			4	C	0	0	4	0	13	56.443	33	22.373
91	Mkanda	300	1	Y						1	45		1		C	0	0	1	0	13	57.166	33	22.071
92	Kadzani	510	2	Y			1	1		2	50		2		C	0	0	2	0	13	55.867	33	18.834
93	Mkoko	2,000	4	Y	1	1	1	3		2	45		2		C	0	0	2	0	13	55.174	33	20.609
94	Kafunde	201	1	Y						1	30			1	C	0	0	1	0	13	54.836	33	23.383
95	Mpondamwala	430	1	Y						1	45			1	C	0	0	1	0	13	55.440	33	23.725
96	Kathumba	500	1	Y					1	1	45			1	C	0	0	1	0	13	54.018	33	22.929
97	Zuwande	200	1	Y						1	45			1	C	0	0	1	0	13	55.785	33	22.330
98	Mnkawila	225	1	Y						1	45		1		C	0	0	1	0	14	2.281	33	29.353
99	Dzowole	403	1	Y						1	46		1		B	0	1	0	0	14	2.755	33	29.385

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
100	Kolonga	411	1	Y						1	35		1		B	0	1	0	0	14	2.832	33	30.199
101	Kwenje	254	1	Y						1	45		1		C	0	0	1	0	14	1.758	33	29.384
102	Chizula	360	1	Y			1	1		1	45		1		C	0	0	1	0	14	1.451	33	28.593
103	Senu	246	1	Y						1	45		1		A	1	0	0	0	14	2.833	33	28.859
104	Khwema	549	2	Y						2	46		2		A	2	0	0	0	14	2.741	33	29.322
105	Mdabwi	165	1	Y						1	46		1		A	1	0	0	0	14	3.321	33	29.108
106	Mliwu	970	2	Y			1	1		2	30		2		A	2	0	0	0	14	6.508	33	32.757
107	Chithangile	513	2	Y			**1**	1		**2**	**50**		**2**		A	2	0	0	0	14	4.296	33	30.532
108	Manthalu	142	1	Y						1	45		1		C	0	0	1	0	14	6.986	33	28.093
109	Chaponda	143	1	Y						1	45		1		C	0	0	1	0	14	7.671	33	28.438
110	Manjawila	330	1	Y						1	42		1		D	0	0	0	1	14	7.836	33	26.560
111	Chikalipo	260	1	Y						1	50		1		B	0	1	0	0	14	6.458	33	29.124
112	Lendemani	289	1	Y						1	45		1		C	0	0	1	0	14	6.399	33	27.686
113	Malumbila	295	1	Y						1	46		1		B	0	1	0	0	14	4.792	33	29.007
114	Mkozomba	379	1	Y						1	46		1		B	0	1	0	0	14	5.820	33	28.896
115	Mkanthama	320	1	Y						1	46		1		B	0	1	0	0	14	4.586	33	28.498
116	Zakalya	327	1	Y						1	60		1		A	1	0	0	0	14	4.097	33	28.944
117	Chipozongo	280	1	Y						1	46		1		B	0	1	0	0	14	4.517	33	28.098
118	Palimtima	395	1	Y						1	46		1		B	0	1	0	0	14	4.856	33	26.941
119	Makanga	282	1	Y						1	50		1		B	0	1	0	0	14	5.333	33	27.039
120	Chimloto	256	1	Y						1	46		1		B	0	1	0	0	14	4.208	33	27.441
121	Mndulu(Mthondo B)	260	1	Y			1	1		1	46		1		A	1	0	0	0	14	1.932	33	26.640
	TOTAL OF KALOLO	60,824	170		11	7	13	31	12	151	45.6	12	78	61									

非対象人口 2,339
対象人口 58,485

地質区分	成功率	Fe区分	深度	1期	2期	3期	村落数	S	F	Total
Pg	60%	A	46	0	11	13	16	24	16	40
Pg	90%	B	46	9	10	6	24	25	3	28
P	90%	C	45	3	40	42	62	85	9	94
Md, Ml	80%	D	44	0	17	0	14	17	4	21
	83%	Total	45.6	12	78	61	116	151	32	183

高鉄分含有危険度区分

- A :Pg 石墨を含む石英長石質ｸﾞﾗﾆｭﾗｲﾄ及び片麻岩（高鉄分含有の可能性大）
- B :Pg 石墨を含む石英長石質ｸﾞﾗﾆｭﾗｲﾄ及び片麻岩
- C :P 石英長石質ｸﾞﾗﾆｭﾗｲﾄ及び片麻岩
- D :Md, Ml Lifuchere 片岩（雲母質石英片岩）／Dzalanyama花崗岩

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
T.A.	KHONGONI																						
1	Khongoni (A)	351	1	Y	1		1	2		0		0			(B)	0	0	0	0	13	51.123	33	22.363
2	Kambuyana	404	1	Y		1		1		0		0			(B)	0	0	0	0	13	49.737	33	19.883
3	Mbalame(A)	303	1	Y						1	46	1			B	0	1	0	0	13	49.560	33	17.882
4	Kanjanja	289	1	Y						1	45	1			B	0	1	0	0	13	49.339	33	18.550
5	Kanzota	350	1	Y						1	45	1			C	0	0	1	0	13	48.409	33	17.477
6	Masitala-Maria	450	1	Y						1	46	1			B	0	1	0	0	13	49.006	33	17.939
7	Levi	280	1	Y						1	45	1			B	0	1	0	0	13	49.970	33	20.282
8	Mweziwauma	600	2	Y		1		1		1	46	1			B	0	1	0	0	13	48.821	33	20.078
9	Mandelo-Mika	285	1	Y						1	45	1			C	0	0	1	0	13	47.558	33	15.995
10	Kachilikiza	300	1	Y						1	46		1		B	0	1	0	0	13	50.508	33	20.920
11	Benjamani	234	1	Y						1	70	1			C	0	0	1	0	13	49.965	33	16.305
12	Nkhombokombo	300	1	Y						1	45	1			C	0	0	1	0	13	48.352	33	16.214
13	Waya	2,000	4	Y	1			1		3	50	3			C	0	0	3	0	13	46.073	33	18.785
14	Kantugwala-Chimpesi	1,120	3	Y						3	37		3		A	0	0	0	0	13	50.842	33	24.378
15	Mnbamwana			Y												3	0	0	0	13	50.757	33	24.366
16	Mkhuta			Y												0	0	0	0	13	50.213	33	24.895
17	Kambudzi	2,144	5	Y	1			4		1	50		1		A	0	0	0	0	13	53.669	33	24.828
21	Chalonga			Y	1											1	0	0	0	13	52.979	33	24.894
23	Mtabvu			Y	1											0	0	0	0	13	53.336	33	25.156
24	Imfa			Y		1										0	0	0	0	13	53.959	33	24.412
18	Chitindi	480	1	Y						1	46		1		A	1	0	0	0	13	50.614	33	24.374
19	Salima	594	2	Y	1			1		1	30		1		A	1	0	0	0	13	50.631	33	24.838
20	Kapudzama	850	2	Y		1	2	3		1	31		1		A	1	0	0	0	13	51.799	33	24.819
22	Chaipa-Mnjale	596	2	Y			1	1		2	46		2		A	2	0	0	0	13	52.752	33	25.595
25	Chintenba	419	1	Y	1			1		0			0		(A)	0	0	0	0	13	52.472	33	25.595
26	Naferanji	751	2	Y	1			1		1	47		1		A	1	0	0	0	13	50.366	33	22.796
27	Katugwa	380	1	Y						1	46		1		A	1	0	0	0	13	50.375	33	23.030
28	Nyanga	1,027	3	Y	1			1		2	55		2		B	0	2	0	0	13	50.125	33	22.135
29	Kalumbi	495	1	Y		1		1		0			0		(B)	0	0	0	0	13	49.840	33	21.896
30	Chipeni	334	1	Y				0		1	46		1		A	1	0	0	0	13	48.926	33	23.255
31	Gulumba(A)	750	2	Y				0		2	31		2		A	2	0	0	0	13	48.447	33	23.463
32	Sixpence/Nabuzi	780	2	Y				0		2	31			2	A	2	0	0	0	13	47.606	33	23.058
33	Masantchi/Salale/Masantchi	942	2	Y				0		2	46			2	A	2	0	0	0	13	47.436	33	22.804
34	Williamu/Jasiteni/Nthochi	570	2	Y				0		2	46		2		A	2	0	0	0	13	49.061	33	22.977

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
35	Zamula/Jere	650	2	Y				0		2	46		2		A	2	0	0	0	13	48.755	33	22.671
36	Monjo / Mduluza	551	2	Y				0		2	46		2		A	2	0	0	0	13	46.718	33	22.089
37	Mbewa II	345	1	Y				0		1	43		1		A	1	0	0	0	13	45.642	33	22.157
38	Chizewa	285	1	Y				0		1	46		1		B	0	1	0	0	13	45.510	33	21.062
39	Mwachipula	365	1	Y				0		1	49		1		B	0	1	0	0	13	44.860	33	21.006
40	Kakhutantaya Kalitsilo (1km east of Kakhutantaya)	749	2	Y				0		2	46		2		A	2	0	0	0	13	44.927	33	22.946
41	Gomani / Nthala	376	1	Y				0		1	46			1	A	1	0	0	0	13	45.928	33	23.097
42	Mtswati	600	2	Y				0		2	60		2		A	2	0	0	0	13	45.635	33	22.288
43	Mafuta (created in 1998)	513	2	Y	1			1		1	46			1	A	1	0	0	0	13	45.427	33	23.839
44	Nkhulange / Pashane	350	1	Y				0		1	46			1	A	1	0	0	0	13	45.152	33	24.857
45	Mndimbanzo-Chimbalu	456	1	Y			1	1		1	40		1		C	0	0	1	0	13	42.526	33	18.343
46	Mangila	1,230	3	Y		1		1		2	43		2		B	0	2	0	0	13	42.421	33	19.245
47	Mthumba	549	2	Y				0		2	46		2		B	0	2	0	0	13	41.540	33	20.133
48	Zokoto	1,000	2	Y		1		1		1	46		1		B	0	1	0	0	13	43.152	33	21.751
49	Kamala	1,000	2	Y		1		1		1	46		1		B	0	1	0	0	13	43.694	33	20.544
50	Nthondo II - Chimbidzi	364	1	Y				0		1	46		1		B	0	1	0	0	13	41.815	33	20.308
51	Mazongoti-Thekenya	460	1	Y				0		1	46		1		B	0	1	0	0	13	43.701	33	20.713
52	Kaluzu-Lauele	751	2	Y		1		1		1	46		1		B	0	1	0	0	13	41.726	33	20.216
53	Daimoni-Chulu-Gelata	815	2	Y				0		2	46		2		B	0	2	0	0	13	41.895	33	20.098
54	Kabudula	390	1	Y	1			1		0			0		(B)	0	0	0	0	13	40.010	33	24.848
55	Ziyendammanja	350	1	Y				0		1	46		1		B	0	1	0	0	13	41.643	33	23.390
56	Madzongo	650	2	Y	1	1		2		0			0		(A)	0	0	0	0	13	46.089	33	23.935
57	Mgulumula (attached to Madzonga)	230	1	Y				0		1	46			1	A	1	0	0	0	13	46.059	33	23.878
58	Mnkhunyungu (attached to Chikweteza)	325	1	Y				0		1	46			1	A	1	0	0	0	13	46.420	33	24.019
59	Chikweteza (attached to Mnkhunyungu)	350	1	Y			1	1		1	46			1	A	1	0	0	0	13	46.413	33	23.780
60	Mulamba / Makina	651	2	Y				0		2	46			2	A	2	0	0	0	13	46.854	33	22.969
61	Mwadzimbi	660	2	Y				0	1	2	55			2	A	2	0	0	0	13	45.994	33	25.136
62	Chimphepo	606	2	Y				0		2	46			2	A	2	0	0	0	13	47.037	33	23.506
63	Njombiro / Chiuzeni II	817	2	Y				0		2	46			2	A	2	0	0	0	13	43.365	33	25.238
64	Chibwalo	150	1	Y				0		1	46		1		A	1	0	0	0	13	44.238	33	22.540
65	Kalipande	242	1	Y				0		1	46		1		B	0	1	0	0	13	41.822	33	22.436

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
66	Kachipanda	365	1	Y				0		1	46			1	A	1	0	0	0	13	43.622	33	25.031
67	Bondo	228	1	Y				0		1	59		1		C	0	0	1	0	13	39.335	33	19.077
68	Chikwa	315	1	Y				0		1	45		1		C	0	0	1	0	13	40.237	33	21.318
69	Kazambala	400	1	Y				0		1	45		1		C	0	0	1	0	13	40.409	33	21.210
70	Chigowo	400	1	Y	1			1		0				0	(C)	0	0	0	0	13	38.433	33	22.244
71	Kaphiri	450	1	Y			1	1		1	45		1		C	0	0	1	0	13	38.576	33	22.159
72	Kamtengo 2000, separated from Chigowo Vill.	360	1	Y				0		1	45		1		C	0	0	1	0	13	38.662	33	21.931
73	Timoti 2000, separated from Chigowo Vill.	180	1	Y				0		1	45		1		C	0	0	1	0	13	39.451	33	23.687
74	Chadzunda 2000, separated from Kaphiri Vill.	340	1	Y				0		1	45		1		C	0	0	1	0	13	38.812	33	22.085
75	Loti 2000, separated from Kaphiri Vill.	370	1	Y				0		1	45		1		C	0	0	1	0	13	38.623	33	22.093
76	Chinjili 2000, separated from Kaphiri Vill.	350	1	Y				0		1	45		1		C	0	0	1	0	13	38.761	33	21.892
77	Thema	500	1	Y				0		1	45		1		C	0	0	1	0	13	37.931	33	22.569
78	Nkhoka	478	1	Y				0		1	45		1		C	0	0	1	0	13	40.233	33	21.682
79	Chilowa	504	2	Y			1	1		2	33		2		B	0	2	0	0	13	40.841	33	21.789
80	Katsano	490	1	Y				0		1	46		1		B	0	1	0	0	13	40.640	33	21.998
81	Chimtemwende/Sambo	350	1	Y				0		1	46			1	B	0	1	0	0	13	40.286	33	26.949
82	Kawalika	310	1	Y		1		1		0				0	(C)	0	0	0	0	13	37.034	33	22.808
83	Mwase	283	1	Y				0		1	45		1		C	0	0	1	0	13	36.110	33	23.297
84	Milala	389	1	Y				0		1	45		1		C	0	0	1	0	13	35.933	33	23.398
85	Msewa	350	1	Y		1		1		0				0	(C)	0	0	0	0	13	35.564	33	23.522
86	Chilufu (1 min walk from Kawalika)	215	1	Y				0		1	45		1		C	0	0	1	0	13	37.008	33	22.762
87	Kadyalu	372	1	Y				0		1	45		1		C	0	0	1	0	13	35.681	33	22.267
88	Chibondo	335	1	Y				0		1	45		1		C	0	0	1	0	13	35.823	33	24.229
89	Chimombo II (separated from I Sept. 03)	691	2	Y				0		2	43		2		C	0	0	2	0	13	36.945	33	21.401
90	Makowa	562	2	Y		1		1		1	50			1	B	0	1	0	0	13	38.404	33	27.183
91	Mpaya	600	2	Y				0		2	46			2	B	0	2	0	0	13	39.295	33	26.913
92	Kasi Tomo	474	1	Y				0		1	46			1	B	0	1	0	0	13	38.997	33	26.934
93	Mpondamwala	446	1	Y				0		1	46			1	B	0	1	0	0	13	37.764	33	27.153
94	Kasalika	450	1	Y				0		1	50			1	B	0	1	0	0	13	37.307	33	26.775
95	Tumeyo	837	2	Y				0		2	45			2	C	0	0	2	0	13	36.920	33	26.547

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
96	Kawodzera I	431	1	Y	1			1		0				0	(B)	0	0	0	0	13	38.897	33	25.924
97	Mapandera	359	1	Y				0		1	46			1	B	0	1	0	0	13	38.460	33	26.302
98	Chawina	335	1	Y				0		1	46			1	B	0	1	0	0	13	38.864	33	27.022
99	Chizeze	347	1	Y				0		1	46			1	B	0	1	0	0	13	38.180	33	27.274
100	Mangani	226	1	Y				0		1	45			1	C	0	0	1	0	13	37.420	33	26.375
101	Kuthengo	375	1	Y				0		1	46			1	B	0	1	0	0	13	38.785	33	25.955
102	Mkhumbira	367	1	Y				0		1	46			1	B	0	1	0	0	13	38.307	33	27.190
103	Kaodzara II	490	1	Y				0		1	80			1	B	0	1	0	0	13	39.100	33	25.561
104	Ngalze	416	1	Y				0		1	45		1		C	0	0	1	0	13	38.602	33	23.907
105	Chimpala 2000, separated from Mpondawara	350	1	Y				0		1	45			1	C	0	0	1	0	13	38.612	33	25.530
106	Kampalira	198	1	Y				0		1	46			1	B	0	1	0	0	13	39.642	33	26.835
107	Dzonzi	336	1	Y				0		1	46			1	B	0	1	0	0	13	37.857	33	26.559
108	Chadzunda 2003, separated from Kaozera II vill.	174	1	Y				0		1	45			1	C	0	0	1	0	13	39.172	33	24.952
109	Mikili	330	1	Y				0		1	46			1	B	0	1	0	0	13	37.943	33	27.175
110	Thauzeni 2001, Separated from Makowa Vill.	330	1	Y				0		1	46			1	B	0	1	0	0	13	38.618	33	26.128
111	Jeke	361	1	Y				0		1	45			1	C	0	0	1	0	13	36.875	33	26.420
112	Bwanali	480	1	Y				0		1	46			1	B	0	1	0	0	13	38.579	33	26.209
113	Kasawa	313	1	Y				0		1	46			1	B	0	1	0	0	13	38.821	33	25.929
114	Mafora	472	1	Y				0		1	46			1	B	0	1	0	0	13	38.537	33	27.144
115	Sapulayi	516	2	Y				0		2	45			2	C	0	0	2	0	13	35.481	33	26.138
116	Mwanda	259	1	Y				0		1	50			1	C	0	0	1	0	13	35.009	33	25.735
117	Msampha	230	1	Y				0		1	45			1	C	0	0	1	0	13	35.505	33	24.602
118	Kameta	470	1	Y				0		1	45		1		C	0	0	1	0	13	37.057	33	23.939
119	Mabutao/Jazikamale	425	1	Y				0		1	45			1	C	0	0	1	0	13	36.740	33	24.835
120	Magengera 2001, Separated from Kazumba Vill.	418	1	Y				0		1	50		1		C	0	0	1	0	13	34.680	33	23.839
121	Kakoloweko	524	2	Y		1		1		1	50		1		C	0	0	1	0	13	33.713	33	23.780
122	Mdatsekako	320	1	Y				0		1	45			1	C	0	0	1	0	13	32.176	33	25.968
123	Kachera	270	1	Y				0		1	45			1	C	0	0	1	0	13	32.196	33	25.910
124	Changwe	410	1	Y				0		1	37			1	C	0	0	1	0	13	33.035	33	25.997
125	Chimphako	405	1	Y				0		1	45			1	C	0	0	1	0	13	32.279	33	25.675
126	Mkwinda	345	1	Y				0		1	30		1		B	0	1	0	0	13	32.331	33	24.630
127	Msungata	585	2	Y				0		2	46		2		B	0	2	0	0	13	32.148	33	24.123

Vilg no.	村落名	人口	必要井戸	住民意志	既存深井戸施設 (BH)				保護浅井戸 P-SW	新設深井戸計画	深度	年度区分			高鉄分含有危険度					GPSデータ			
		(人)	箇所		稼働	故障 (R可)	故障 (不可)	計			m	1	2	3	区分	A	B	C	D	S (° ')		E (° ')	
128	Khofi	314	1	Y				0		1	45		1		B	0	1	0	0	13	31.958	33	24.095
129	Makwembe	250	1	Y				0		1	40		1		C	0	0	1	0	13	32.216	33	23.881
130	Phetera	302	1	Y				0		1	45		1		C	0	0	1	0	13	32.467	33	23.392
131	Mwanbakulu	400	1	Y				0		1	67		1		B	0	1	0	0	13	32.330	33	24.681
132	Mwamulu	380	1	Y				0		1	45			1	C	0	0	1	0	13	32.744	33	25.198
133	Nkhawa	126	1	Y				0		1	50		1		C	0	0	1	0	13	33.323	33	24.443
	TOTAL OF KHONGONI	61,241	173		14	14	8	36		145	45.8	12	78	55									

非対象人口 4,200

対象人口 57,041

地質区分	成功率	Fe区分	深度	1期	2期	3期	村落数	S	F	Total
Pg	60%	A	46	0	26	19	30	45	30	75
Pg	90%	B	46	5	26	20	44	51	6	57
P	90%	C	45	7	26	16	44	49	5	54
Md, Ml	80%	D	ー	0	0	0	0	0	0	0
	78%	Total	45.8	12	78	55	118	145	41	186

	GROUND TOTAL	122,065	343		25	21	21	67	12	296		24	156	116									

対象人口 115,526

地質区分	成功率	Fe区分	深度	1期	2期	3期	村落数	S	F	Total
Pg	60%	A	46	0	37	32	46	69	46	115
Pg	90%	B	46	14	36	26	68	76	9	84
P	90%	C	45	10	66	58	106	134	14	148
Md, Ml	80%	D	44	0	17	0	14	17	4	21
	80%	Total	45.7	24	156	116	234	296	73	369

高鉄分含有危険度区分

- **A** : Pg 石墨を含む石英長石質ｸﾞﾗﾆｭﾗｲﾄ及び片麻岩（高鉄分含有の可能性大）
- **B** : Pg 石墨を含む石英長石質ｸﾞﾗﾆｭﾗｲﾄ及び片麻岩
- **C** : P 石英長石質ｸﾞﾗﾆｭﾗｲﾄ及び片麻岩
- **D** : Md, Ml Lifuchere **片岩**（**雲母質石英片岩**）／Dzalanyama**花崗岩**

要請村落における既存深井戸の状況

	要請No.	要請村落	G.V.H.	BH No.	WM 番号	緯度	経度	BHの状況	設置年	状況	水管理委員会等管理 C:委員会、T:ﾄﾚｰﾆﾝｸﾞを受けた経験
1	1-3	Chidzenja (Zikaonga)	Kalolo	?	206_02_031	?	?	故障中	*1972*	アフリデフ。リハビリ可。	
2	1-6	Nkhwambela	Kalolo	DP 65	206_02_045	14 ° 01.302 ′	33 ° 24.338 ′	稼働中	1974	アフリデフ。1992年リハビリ（？）	C:有り
3	1-14	Chisikwa	Nyemba	S.M.150	206_02_286 ?	14 ° 00.176 ′	33 ° 28.713 ′	故障中	1977	Climax。リハビリ不可。	
4	1-14	Chisikwa	Nyemba	DP55	206_02_064 ?	14 ° 00.346 ′	33 ° 28.602 ′	故障中	?	アフリデフ。リハビリ可能。	
5	1-14	Chisikwa	Nyemba	EU WDC H no.5?	206_02_285	14 ° 00.358 ′	33 ° 28.649 ′	稼働中	2001	アフリデフ。	
6	1-15	Chibungo	Chibungo	?	206_02_230	13 ° 57.786 ′	33 ° 27.329 ′	故障中	*1967*	Admarc内。Climax。	
7	1-15	Chibungo	Chibungo	?				故障中		GVHの家の近く。Climax。	
8	1-15	Chibungo	Chibungo	?				稼働中		学校にあるBHは稼動中、使用可能。	
9	1-16	Muyula	Chibungo	BHFC21	206_02_216	13 ° 58.968 ′	33 ° 26.829 ′	故障中	*1974*	リハビリ可能。1993年にリハビリされた。 水質悪く、リハビリ不可。	
10	1-17	Phulamazira	Chibungo	R 13	206_02_228	13 ° 55.663 ′	33 ° 28.335 ′	稼働中	1970	アフリデフ。他にポンプ付き機械堀の浅井戸あり。	C（機械掘り浅井戸）:有り
11	1-19	Mpingo (B)	Chibungo	LFP 28	206_02_129	13 ° 59.853 ′	33 ° 26.679 ′	稼働中	EU 2000	アフリデフ。2004年12月修理。	C:有り
12	1-20	Kabwana	Chibungo	FC 22	206_02_139 ?	13 ° 56.896 ′	33 ° 27.625 ′	故障中	*1974*	アフリデフ。リハビリ可能。	C:有り
13	1-23	Gundula	Chibungo	*PSC 2/ 073*	206_02_220	13 ° 58.937 ′	33 ° 27.819 ′	稼働中	2001	要請村落ではない。アフリデフ。Mngongonaと共有。 水量不十分、水質不良。	C:有り
14	1-25	Chituwi	Chituwi	FC 24	?	13 ° 56.732 ′	33 ° 29.503 ′	故障中	*?*	アフリデフ。1976年から故障中。リハビリ不可。	
15	1-35	Kamatila	Mphamba (Chimwala)	MPP/2/038	206_02_247	13 ° 58.412 ′	33 ° 31.041 ′	稼動中	2000	2000年に建設された深井戸は良い状態。	C: 有り、集金: あり。農業省の施設にある貯蓄システム"SAWCO" に集めたお金は保管している (Chiteze Research Station - MoAgr./自転車で15kmの距離)
16	1-35	Kamatila	Mphamba (Chimwala)	DP 59				故障中	1970	1985年以降故障中。地上部分なし。	
17	1-36	Dambo	Mphamba	DP 58	206_02_338	13 ° 57.541 ′	33 ° 31.086 ′	故障中	1971	Climax。リハビリ不可。	C:無し
18	1-43	Chamoto	Chakuzamutu	CDC/01/EU/028	206 02 184	14 ° 05.582 ′	33 ° 24.027 ′	稼動中	EU 2002	アフリデフ。ロッド7本。D: 30m .	C:無、T:無、集金:無。
19	1-44	Kaziputa	Chakuzamutu		206 02 012	14 ° 04.403 ′	33 ° 22.479 ′	稼動中		クライマックスが設置されていたが、2003 Inter Aidによってアフリデフに交換。	C:有り、T:有り、集金:20K/M･F。
20	1-46	Mkuwira	Mkuwira	No. 26	206 02 110		33 ° 24.546 ′	故障中	EU 2001	アフリデフ, 2003から故障中、元々ポンプの設置が悪かった。水量も不充分であった。ライジングメインに子供が砂投入。D :42m。ロッド10本。リハビリ可（ライジングメイン等交換）。	C:有り、T:有り。
21	1-55	Chadza	Chadza			14 ° 05.827 ′	33 ° 22.769 ′	稼動中	EU 2000	アフリデフ。井戸水に雲母片混入、仕上げよくない。	C:有り、T:有り、集金:10K/M･F。トレーニングはMICA
22	1-61	Chipanga	Chipanga	CDC/EU/022	206 02 104	14 ° 09.797 ′	33 ° 21.984 ′	稼動中	EU 2002	アフリデフ。	C:有り、T:有り、集金:10K/2M･F。トレーニングはKaraliya
23	1･62	Mban'gombe	Chipanga	C 28	206_02_103	14 ° 10.102 ′	33 ° 22.765 ′	稼働中	1993	Climax。	ヘルスセンター内に存在。基本的に患者と職員用。
23	1-78	Dzama	Dzama	GK 222	206 02 332	13 ° 50.899 ′	33 ° 16.667 ′	故障中	1994	2000に故障し、自分達で修理したが、孔内に工具、ライジングメイン等全て落下し、現在土砂で埋まっている。リハビリ不可。	C:有り、T:無、
24	1-92	Kadzani	Chikudzulire	FC 96	206 02 069	13 ° 55.826 ′	33 ° 18.822 ′	故障中	1981	クライマックス,1989に故障。リハビリ不可。	
25	1-93	Mkoko	Chikudzulire	DC149 (Mkoko School)	206 02 072	13 ° 55.081 ′	33 ° 20.680 ′	故障中	1972	1991設置のAquadev ポンプが2003に故障。部品交換によるリハビリ可、ただし、国内で部品購入出来るか不明。	基本的に学校専用で、住民は利用出来ない。
26	1-93	Mkoko	Chikudzulire	RB 9	206 02 074	13 ° 55.118 ′	33 ° 20.782 ′	故障中	1980	クライマックスが設置されていたが、1998にポンプ故障。盗難防止のため、ポンプヘッドを外したため、孔内土砂で埋まりリハビリ不可。	

要請村落における既存深井戸の状況

	要請No.	要請村落	G.V.H.	BH No.	WM 番号	緯度	経度	BHの状況	設置年	状況	水管理委員会等管理 C:委員会、T:ﾄﾚｰﾆﾝｸﾞを受けた経験
27	1-93	Mkoko	Chikudzulire	FC 82 (Nyanja	206 02 073	13 ° 54.987 ′	33 ° 20.798 ′	稼動中	1987	クライマックス。	農業省管理, 住民の使用可。
28	1-102	Chizula	Chinkhunda			14 ° 01.451 ′	33 ° 28.593 ′	故障中		孔内は土砂で閉塞され、リハビリ不可。	
29	1-106	Mliu	Chimsolo	X 25	206 02 191	14 ° 06.571 ′	33 ° 32.849 ′	故障中	1970	クライマックス設置されていたが、1989に故障。元々、鉄分が多く、茶色の水がでた。ケーシング鋼管製。WL：6 m。水質悪く、リハビリ不可	
30	1-107	Chithangile	Chimsolo	G 14	206 02 120	14 ° 04.296 ′	33 ° 30.532 ′	故障中	1971	クライマックス設置されていたが、1986にポンプロッドとライシングメインの盗難にあい、以来使われていない。孔内は土砂で埋まり、リハビリ不可	稼動時、委員会は50T/M･F集めていた。
31	1-121	Mndulu (Mthondo B)	Mphunda	C 34	206 02 201	14 ° 01.957 ′	33 ° 26.594 ′	故障中	1977	クライマックス。1985に故障。元々、鉄分が多く、汲み上げて数時間経過すると、茶色に変色。味も悪く飲めなかった．リハビリ不可。	
32	2-1	Khongoni A	Khongoni	NBC 011	206 06 008	13 ° 51.142 ′	33 ° 22.368 ′	故障中	MASAF	アフリデフ、水量少なく放置、WL:13.70m, D:43.25m.ロッド9本。リハビリ不可。	
33	2-1	Khongoni A	Khongoni	LPP 22 (Chilobwa Court)	206 06 007	13 ° 51.089 ′	33 ° 22.465 ′	稼動中		アフリデフ。2004.10まで稼動。部品の交換必要、リハビリ可。水質良（住民の話）、ただし、豆を煮ると黒くなる。Feの含有？	
34	2-2	Kambuyana	Khongoni	DM 23	206 06 051	13 ° 49.737 ′	33 ° 19.883 ′	故障中	1976	クライマックス。1998にポンプ故障。リハビリ可（ポンプ交換、水場工事）。	当時、C有り。
35	2-8	Mweziwauma	Khongoni			13 ° 48.821 ′	33 ° 20.078 ′	故障中	1970	1995までクライマックスP,その後リマニPに1999まで稼動。ポンプヘッド残っており、BHの内部蜂の巣、リハビリ可能（ポンプ交換、水場工事）	
36	2-13	Waya	Msinde	FC 116 CU	206 06 058	13 ° 46.094 ′	33 ° 18.865 ′	稼動中	1971	1993よりアフリデフ。	C:有り、T：有り(NGO,工具無)、集金：50K/故障時･F,1回の集金2000K。
37	2-17	Kambudzi	Matelwe	FC 86	206_06_040	13 ° 53.669 ′	33 ° 24.828 ′	稼働中	1974	アフリデフ。少し味がする。	C:有り、1998年に委員会立ち上げ。故障時に集金。2003年2回、2004年1回故障。ロッド交換2,600MKW
38	2-19	Salima	Matelwe	NBC 013	206_06_053	13 ° 50.631 ′	33 ° 24.838 ′	稼働中	MASAF 2000	アフリデフ。2004.10故障し、修理済み。	C:有り。故障時にのみ集金。1家族400MKW
39	2-20	Kapudzama	Matelwe	RB 6	206_06_055			故障中	1970	アフリデフ。以前はClimax。訪問時は故障中。	C:有り
40	2-20	Kapudzama	Matelwe		206_06_030	13 ° 51.799 ′	33 ° 24.819 ′	稼働中	DANIDA 2002	アフリデフ。苦い水。水場は赤茶けており鉄分の含有率高い。飲用には利用されていない。近接の機械堀の浅井戸は故障中。	
41	2-20	Kapudzama	Matelwe	KB 242				故障中		アフリデフ。	C:無し
42	2-21	Chalonga	Matelwe	FC 89	206_06_037	13 ° 52.979 ′	33 ° 24.894 ′	稼働中		アフリデフ。	C:有り。故障あり、修理している。ロッド、U-シール
43	2-22	Chaipa (-Mnjale)	Matelwe		206_06_035	13 ° 52.752 ′	33 ° 25.595 ′	故障中	World Vision. 1974	Climax.。リハビリ不可。	C:無し
44	2-23	Mtabvu	Matelwe	No.24	206_06_038	13 ° 53.336 ′	33 ° 25.156 ′	稼働中	EU 2000	アフリデフ。2000/11/06の銘あり。	C:有り。
45	2-24	Imfa	Matelwe	FC 85	206_06_041	13 ° 53.959 ′	33 ° 24.412 ′	故障中	1974	アフリデフ。2004.9に故障した。	C:有り、1995年より。1家族1月10MKW集金。
46	2-25	Chintemba	Matelwe	FC 83	206_06_033	13 ° 52.472 ′	33 ° 25.595 ′	稼働中	1970	アフリデフ。リハビリ済み（Climaxからか？）。苦い水。	
47	2-26	Naferanji	Vizinba	NBC 008	206 06 010	13 ° 50.366 ′	33 ° 22.796 ′	稼動中	MASAF 1998	アフリデフ。ロッド8本。水量が少なく、仕上げ工事が粗雑なため、ポンプに砂が多く入り、故障しやすい。	C:有り、T：有り、集金：有り。2･27の住民の一部も使用。
48	2-28	Nyanga	Nyanga	RB 32	206 06 013	13 ° 50.125 ′	33 ° 22.135 ′	稼動中		アフリデフ、2001から故障していたが、CBM担当が調査時に、現場で修理。ロッド6本。2004.11.23修理直後とのことで汚水の様な臭い有り	C有ったが、委員死亡で、現在は誰も管理する者がいない。
49	2-29	Kalumbi	Nyanga	NBC 019	206 06 014	13 ° 49.840 ′	33 ° 21.896 ′	故障中	MASAF 1996	アフリデフ。2004.10まで稼動。部品の交換必要、リハビリ可。ロッド5本	C:有り、T：無、集金：20K/M･F,残金100K
50	2-43	Mafuta	Mtswati	DP 127/ CU	206_02_327？	13 ° 45.371 ′	33 ° 23.806 ′	稼働中	1993	アフリデフ。2004年11月修理。	C:有り、4つのサブ村落から。
51	2-45	Malenga (Mndinbanazo-Chimbalu)	Malenga	** 122 (Chipwanya)				故障中		Climaxのエプロンのみ残存。1973/8/10の銘あり。対象村落からは100m程。Malenga、Mndinbanazo、Chimbalu、Chipwanyaは近接し、大きな集落を形成。	
52	2-46	Mangilira	Mangilira	SB/07/430	206_06_104	13 ° 42.421 ′	33 ° 19.245 ′	故障中	3K 2000	アフリデフ。訪問時は故障中。PVCにクラック、逸水。	
53	2-48	Zokoto	Mangilira	DM 16		13 ° 42.152 ′	33 ° 20.133 ′	故障中		アフリデフ。学校に所在。2004年11月故障。	
54	2-49	Kalama	Mangilira	L 292	206_06_101	13 ° 43.694 ′	33 ° 20.544 ′	故障中	1968	アフリデフ。	

要請村落における既存深井戸の状況

	要請No.	要請村落	G.V.H.	BH No.	WM 番号	緯度	経度	BHの状況	設置年	状況	水管理委員会等管理 C:委員会、T:ﾄﾚｰﾆﾝｸﾞを受けた経験
55	2-52	Kaluzi (-Lamuele)	Mangilira	RM 48	206_06_105	13 ° 41.726 ′	33 ° 20.216 ′	故障中	1970	アフリデフ。1999年リハビリ。PVC、ロッドの故障多い。2003年以来故障中。リハビリ可。	C:有り。
56	2-54	Kabudula	Jauzale	CL 427	206 06 081	13 ° 40.010 ′	33 ° 24.848 ′	稼動中	MASAF 1998	アフリデフ、ライジングメイン壊れたが、テープを貼って修理。ロッド6本。	C:有り、T：有り、集金：20K/M・F,残金3000K
57	2-56	Madzonga	Maczonga	UBC 029	206_06_077	13 ° 46.089 ′	33 ° 23.935 ′	稼働中	MASAF 2000	アフリデフ。水場は赤茶けている。Oilの様な臭いがするとのこと。鉄分含有か。	
58	2-56	Madzonga	Madzonga	DP 128, CU	-	13 ° 46.151 ′	33 ° 23.995 ′	故障中	1993	アフリデフ。2004年6月から故障中。リハビリ可。	
59	2-59	Chikweteza	Madzonga	DP 125	206_06_080	13 ° 46.38 ′	33 ° 23.916 ′	故障中	1971	水質悪くリハビリ不可。	
60	2-70	Chigowo	Chigowo	SB/07/323	206_06_212	13 ° 38.433 ′	33 ° 22.244 ′	稼働中	MASAF 2000	アフリデフ。	C:有り。
61	2-71	Kaphiri	Chigowo		206_06_211	13 ° 38.576 ′	33 ° 22.159 ′	故障中	1970	アフリデフ。学校にあり。1987年以来故障中。	
62	2-79	Chilowa(B)	Kanjeza	E 317	206_06_112	13 ° 40.841 ′	33 ° 21.789 ′	故障中		Climax。以前は学校だった場所にエプロンのみ残存、孔は埋まっている。学校の移設により廃棄。村長は別の場所に新設井戸を希望。リハビリ不可。	C:無し
63	2-82	Kawalika	Kawalika		206_06_213	13 ° 37.093 ′	33 ° 22.641 ′	故障中		Climax。リハビリ可能？	
64	2-85	Msema	M'Nkhadze	06-214	206_06_214	?	?	故障中	1972	Climax。2001年に故障。リハビリ可。	
65	2-90	Makowa	Makowa	DM 13	206 06 208	13 ° 38.404 ′	33 ° 27.183 ′	故障中		1998にブッシュPからアフリデフに変更。2002から故障。ロッド12本。リハビリ可（要部品交換）	C:有り、T：有り、集金：無、修理の部品代が無い為放置。
66	2-96	Kawodzera I	Makowa	E 278	206 06 231	13 ° 38.897 ′	33 ° 25.924 ′	故障中		アフリデフ、ロッドが不足し、2001から故障。リハビリ可能（要部品交換）。ロッド12本	C:有り、T：有り、集金：無、金が集まらない為、放置。
67	2-121	Kakoloweko	Kasoni(Njakwa	DM 9	206_06_221	13 ° 33.713 ′	33 ° 23.78 ′	故障中	70年代	Bushポンプ、ハンドル有り。ロッドは無い。	C:無し

全生活用水（ﾘｯﾄﾙ/日・人） （調査対象住民数：755名、うち有効：642件、欠損：105件、無効：8件）

		最大値	（ﾘｯﾄﾙ/日・人）	件数		有効ﾊﾟｰｾﾝﾄ(%)
川/ Dambo	有効		10L未満	8		5.5
			10～15L未満	15		10.3
			15～20L未満	15		10.3
			20～25L未満	28		19.2
		●	25～30L未満	32		21.9
			30～40L未満	29		19.9
			40L以上	19		13.0
			合計	146		100.0
	欠損値		ｼｽﾃﾑ欠損値	34		
	合計			180		
浅井戸（蓋なし）	有効		10L未満	12		2.9
			10～15L未満	26		6.4
			15～20L未満	50		12.3
			20～25L未満	69		17.0
		●	25～30L未満	103		25.3
			30～40L未満	97		23.8
			40L以上	50		12.3
			合計	407		100.0
	欠損値		ｼｽﾃﾑ欠損値	46		
	合計			453		
浅井戸（蓋あり）	有効		10L未満	3		9.7
			10～15L未満	2		6.5
			15～20L未満	4		12.9
			20～25L未満	2		6.5
		●	25～30L未満	9		29.0
			30～40L未満	7		22.6
			40L以上	4		12.9
			合計	31		100.0
	欠損値		ｼｽﾃﾑ欠損値	3		
	合計			34		
深井戸	有効		10L未満	6		10.3
			10～15L未満	5		8.6
			15～20L未満	7		12.1
			20～25L未満	11		19.0
		●	25～30L未満	12		20.7
		●	30～40L未満	12		20.7
			40L以上	5		8.6
			合計	58		100.0
	欠損値		ｼｽﾃﾑ欠損値	22		
	合計			80		

飲料・調理用水（ﾘｯﾄﾙ/日・人） （調査対象住民数：755名、うち有効：647件、欠損：100件、無効：8件）

		最大値	（ﾘｯﾄﾙ/日・人）	件数		有効ﾊﾟｰｾﾝﾄ
川/ Dambo	有効		5L未満	18		12.1
		●	5～10L未満	62		41.6
			10～15L未満	31		20.8
			15～20L未満	15		10.1
			20～25L未満	16		10.7
			25以上	7		4.7
			合計	149		100.0
	欠損値		ｼｽﾃﾑ欠損値	31		
	合計			180		
浅井戸（蓋なし）	有効		5L未満	31		7.6
		●	5～10L未満	179		43.8
			10～15L未満	127		31.1
			15～20L未満	39		9.5
			20～25L未満	21		5.1
			25以上	12		2.9
			合計	409		100.0
	欠損値		ｼｽﾃﾑ欠損値	44		
	合計			453		
浅井戸（蓋あり）	有効		5L未満	5		16.1
		●	5～10L未満	9		29.0
			10～15L未満	6		19.4
			15～20L未満	2		6.5
			20～25L未満	6		19.4
			25以上	3		9.7
			合計	31		100.0
	欠損値		ｼｽﾃﾑ欠損値	3		
	合計			34		
深井戸	有効		5L未満	8		13.8
		●	5～10L未満	24		41.4
			10～15L未満	15		25.9
			15～20L未満	7		12.1
			20～25L未満	1		1.7
			25以上	3		5.2
			合計	58		100.0
	欠損値		ｼｽﾃﾑ欠損値	22		
	合計			80		

対象村落の住民に対するアンケート調査結果概要

		最大値		件数		有効ﾊﾟｰｾﾝﾄ(%)
給水施設の必要性	有効	●	必要	726	人	99.9
			不要	1	人	0.1
			合計	727	人	100.0
	欠損値		欠損値	36	人	
	合計			763	人	
水料金の支払い意思	有効	●	あり	662	人	97.5
			なし	17	人	2.5
			合計	679	人	100.0
	欠損値		欠損値	84	人	
	合計			763	人	
水代として支払い可能な上限額（20ﾘｯﾄﾙ分）	有効		20 Tambala	54	人	55.7
			50 Tambala	149	人	153.6
			K1	148	人	152.6
			K1.50	60	人	61.9
		●	K2	150	人	154.6
			More	82	人	84.5
			合計	643	人	100.0
			欠損値	120	人	
				763	人	
水代として支払い可能な上限月額	有効		K5	128	人	18.0
			K10	123	人	17.3
		●	K20	163	人	22.9
			K30	59	人	8.3
			K40	34	人	4.8
			K50	155	人	21.8
			More	50	人	7.0
			合計	712	人	100.0
	欠損値		欠損値	51	人	
	合計			763	人	
WPCメンバーに選出された場合、手当てなしでCBMトレーニングに参加することができますか？	有効	●	はい	750	人	98.8
			いいえ	9	人	1.2
			合計	759	人	100.0
	欠損値		欠損値	4	人	
	合計			763	人	

乾期量満足度

				件数		有効ﾊﾟｰｾﾝﾄ(%)
川/ Dambo	有効		十分	27		16.5
			不十分	137		83.5
			合計	164		100.0
	欠損値		ｼｽﾃﾑ欠損値	16		
	合計			180		
浅井戸（蓋なし）	有効		十分	68		16.2
			不十分	353		83.8
			合計	421		100.0
	欠損値		ｼｽﾃﾑ欠損値	32		
	合計			453		
浅井戸（蓋あり）	有効		十分	4		12.5
			不十分	28		87.5
			合計	32		100.0
	欠損値		ｼｽﾃﾑ欠損値	2		
	合計			34		
深井戸	有効		十分	25		35.2
			不十分	46		64.8
			合計	71		100.0
	欠損値		ｼｽﾃﾑ欠損値	9		
	合計			80		

雨季　量満足度

（調査対象住民数：755名、うち有効：642件、欠損：105件、無効：8件）

				件数		有効ﾊﾟｰｾﾝﾄ(%)
川/ Dambo	有効		十分	34		19.2
			不十分	143		80.8
			合計	177		100.0
	欠損値		ｼｽﾃﾑ欠損値	3		
	合計			180		
浅井戸（蓋なし）	有効		十分	107		23.9
			不十分	341		76.1
			合計	448		100.0
	欠損値		ｼｽﾃﾑ欠損値	5		
	合計			453		
浅井戸（蓋あり）	有効		十分	7		23.3
			不十分	23		76.7
			合計	30		100.0
	欠損値		ｼｽﾃﾑ欠損値	4		
	合計			34		
深井戸	有効		十分	32		41.6
			不十分	45		58.4
			合計	77		100.0
	欠損値		ｼｽﾃﾑ欠損値	3		
	合計			80		

雨季　質満足度

		最大値	評価	件数		有効ﾊｰｾﾝﾄ	
川/ Dambo	有効	●	おいしい	37		22.7	
			塩味がする	31		19.0	
			鉄味がする	24		14.7	
			色がついている	24		14.7	
			その他	6		3.7	
			塩味があり、色がついている	6		3.7	
			鉄味があり、色がついている	29		17.8	
			塩味、鉄味があり、色がついている	6		3.7	
			合計	163		100.0	
	欠損値		ｼｽﾃﾑ欠損値	17			
	合計			180			
浅井戸（蓋なし）	有効	●	おいしい	147		33.9	
			塩味がする	40		9.2	
			鉄味がする	42		9.7	
			色がついている	88		20.3	
			その他	11		2.5	
			塩分があり、色がついている	13		3.0	
			鉄分があり、色がついている	82		18.9	
			塩分、鉄分があり、色がついている	11		2.5	
			合計	434		100.0	
	欠損値		ｼｽﾃﾑ欠損値	19			
	合計			453			
浅井戸（蓋あり）	有効	●	おいしい	22		64.7	
			塩味がする	1		2.9	
			鉄味がする	6		17.6	
			色がついている	3		8.8	
			その他	0		0.0	
			塩分があり、色がついている	2		5.9	
			鉄分があり、色がついている	0		0.0	
			塩分、鉄分があり、色がついている	0		0.0	
			合計	34		100.0	
深井戸	有効	●	おいしい	63		81.8	
			塩味がする	3		3.9	
			鉄味がする	4		5.2	
			色がついている	2		2.6	
			その他	2		2.6	
			塩分があり、色がついている	1		1.3	
			鉄分があり、色がついている	0		0.0	
			塩分、鉄分があり、色がついている	2		2.6	
			合計	77		100.0	
	欠損値		ｼｽﾃﾑ欠損値	3			
	合計			80			

乾期　質満足度

		最大値	評価	件数		有効ﾊｰｾﾝﾄ(%)	
JII/ Dambo	有効	●	おいしい	35		24.5	
			塩味がする	23		16.1	
			鉄味がする	27		18.9	
			色がついている	18		12.6	
			その他	6		4.2	
			おいしいが鉄味がある	7		4.9	
			塩味があり、色がついている	9		6.3	
			鉄味があり、色がついている	0		0.0	
			塩味、鉄味があり、色がついている	18		12.6	
			合計	143		100.0	
	欠損値		ｼｽﾃﾑ欠損値	37			
	合計			180			
浅井戸（蓋なし）	有効	●	おいしい	138		34.2	
			塩味がする	37		9.2	
			鉄味がする	46		11.4	
			色がついている	81		20.0	
			その他	10		2.5	
			おいしいが鉄味がある	28		6.9	
			塩味があり、色がついている	32		7.9	
			鉄味があり、色がついている	0		0.0	
			塩味、鉄味があり、色がついている	32		7.9	
			合計	404		100.0	
	欠損値		ｼｽﾃﾑ欠損値	49			
	合計			453			
浅井戸（蓋あり）	有効	●	おいしい	24		72.7	
			塩味がする	1		3.0	
			鉄味がする	4		12.1	
			色がついている	2		6.1	
			その他	0		0.0	
			おいしいが鉄味がある	2		6.1	
			塩味があり、色がついている	0		0.0	
			鉄味があり、色がついている	0		0.0	
			塩味、鉄味があり、色がついている	0		0.0	
			合計	33		100.0	
	欠損値		ｼｽﾃﾑ欠損値	1			
	合計			34			
深井戸	有効	●	おいしい	57		81.4	
			塩味がする	2		2.9	
			鉄味がする	3		4.3	
			色がついている	2		2.9	
			その他	2		2.9	
			おいしいが鉄味がある	1		1.4	
			塩味があり、色がついている	0		0.0	
			鉄味があり、色がついている	0		0.0	
			塩味、鉄味があり、色がついている	3		4.3	
			合計	70		100.0	
	欠損値		ｼｽﾃﾑ欠損値	10			
	合計			80			

対象村落の村長に対するアンケート調査結果概要

		最大値		件数		有効ﾊｰｾﾝﾄ	
寄付金（MK10,000）を準備する意思	有効	●	あり	250	人	99.2	
			なし	2	人	0.8	
			合計	252	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	2	人		
	合計			254	人		
銀行開設をする意思	有効	●	あり	243	人	97.2	
			なし	7	人	2.8	
			合計	250	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	4	人		
	合計			254	人		
既存のWPCの有無	有効	●	有	159	人	64.4	
			無	88	人	35.6	
			合計	247	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	7	人		
	合計			254	人		
水代に対する支払い意思	有効	●	あり	248	人	99.6	
			なし	1	人	0.4	
			合計	249	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	5	人		
	合計			254	人		
集金方法	有効	●	決まっている	184	人	72.7	
			決まってない	69	人	27.3	
			合計	253	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	1	人		
	合計			254	人		
20リットルの水代の支払い方法	有効		従量制	28	人	14.3	
			月額固定	168	人	85.7	
			合計	196	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	58	人		
	合計			254	人		
月額固定の料金	有効		K2	2	人	1.0	
			K5	13	人	6.8	
			K10～20未満	39	人	20.4	
		●	K20～30未満	62	人	32.5	
			K30～40未満	14	人	7.3	
			K40～50未満	29	人	15.2	
			K60～７0未満	4	人	2.1	
			K70～80未満	2	人	1.0	
			K80	1	人	0.5	
			K100	9	人	4.7	
			K200	10	人	5.2	
			K300	5	人	2.6	
			K400	2	人	1.0	
			合計	191	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	63	人		
	合計			254	人		
CBMトレーニングにWPCのメンバーが参加するための必要手当てでコミュニティが負担することができると思いますか？	有効	●	はい	242	人	98.8	
			いいえ	3	人	1.2	
			合計	245	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	9	人		
	合計			254	人		
既存給水施設の有無	有効		有	53	人	21.5	
		●	無	193	人	78.5	
			合計	246	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	8	人		
	合計			254	人		
上記給水施設の稼働状況	有効	●	機能している	29	人	51.8	
			機能していない	27	人	48.2	
			合計	56	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	198	人		
	合計			254	人		
上記給水施設のタイプ	有効		ポンプ付の浅井戸	11	人	20.8	
		●	ポンプ付の深井戸	42	人	79.2	
			合計	53	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	201	人		
	合計			254	人		
年額MK10,000の修繕費の支払い	有効	●	できる	248	人	99.2	
			できない	2	人	0.8	
			合計	250	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	4	人		
	合計			254	人		
ポンプ付深井戸の必要性	有効	●	必要	241	人	97.2	
			好ましい	4	人	1.6	
			不要	3	人	1.2	
			合計	248	人	100.0	
	欠損値		ｼｽﾃﾑ欠損値	6	人		
	合計			254	人		

No.	District	Village Name	Population						Primary School	Health Centre	Water Point Committee								Existing Water Supply Facility						Necessity of Water Supply Facility (borehole) with Pump
			General census of 1998				Evolution 2004				Establishment	Year of Establishment	Operation and Maintenance		Charge for water		Community participation		Existing Water Supply Facility	Functional	Type				
			No. of House holds	Men	Wo-men	Total	Popu-lation	No.of House holds					Willing to pay the fee	Way of Collection	Willingness of Preparatory Contribution (10,000KM)	Willingness to Open a Bank Account	Do you think that your community can afford necessary allowance for WPC members to participate in CBM Training	Willingness to Contribute to Construction			Existing Shallow well with pump or Borehole with pump	Existing shallow Well with Pump		Existing Borehole with Pump	
																						Depth(m)	Pump Type	Pump Type	
17	KALOLO	Guliguli						98	No	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
18	KALOLO	Chipochongo	42	42	17	21	38	59	No	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
21	KALOLO	Chisikwa (A)						247	No	Yes	Yes	Nov 2004	Yes	Not yet	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
22	KALOLO	Mchira wa Nkhondo						52	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
59	KALOLO	Chapota	113	113	169	217	386	105	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
76	KALOLO	Maulana	51	51	24	27	51	51	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
83	KALOLO	Chingondo						70	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
106	KALOLO	Chinkhata	62	62	166	192	338	64	Yes	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
120	KALOLO	Dzoole						59	Yes	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
121	KALOLO	Chigwasa						90	No	Yes	Yes		Yes	Not yet	Yes		Yes	Yes	No						Necessary
125	KALOLO	Chafuta	43	43	19	21	40	63	Yes	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
126	KALOLO	Mnjeza II						63	Yes	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
127	KALOLO	Gome						78	No		Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No		Shallow well with pump	9.00	handpump		Necessary
130	KALOLO	Chilima						38	Yes	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
166	KALOLO	Sinsinja	56	56	42	40	82	76	Yes	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
167	KALOLO	Mlera						66	No	Yes	Yes			Not yet	Yes	Yes	Yes	Yes	No						Necessary
168	KALOLO	Dambo						81	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No	No	Borehole with pump		Climax		Necessary
184	KALOLO	Mzokoto						125	Yes	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
192	KALOLO	Phulamazila						200	No	Yes	Yes		No	Not yet	No	No	No	No	Yes	Yes	Borehole with pump		Afridev		Other
195	KALOLO	Kumtsizi						70	No	No	No	2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
209	KALOLO	Sosola	32	32	77	91	168	79	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
210	KALOLO	Jamu						66	Yes	Yes	No			Not yet	Yes	Yes	Yes	Yes	No						Necessary
217	KALOLO	Mzungu	67	67	30	37	67	67	Yes	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	Yes	No	Shallow well with pump	18.00			Necessary
26	KALOLO	Makanga	40	40	15	25	40	52	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
48	KALOLO	Mandindi	44	44	44	90	134	44	No	No	Yes	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
50	KALOLO	Chikalipo	50	50	90	60	150	50	No	No	Yes	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
103	KALOLO	Dzama	96	96	160	280	440	96	Yes	Yes			Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borehole with pump				Necessary
107	KALOLO	Makoka	65	65	123	236	359	65	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
206	KALOLO	Chithangile	96	96	169	192	361	79	No	No	No	2005	Yes	Decided	Yes	Yes	Yes	Yes	Yes	No				Climax	Necessary
211	KALOLO	Chizula						74	No	No	Yes		Yes	Decided	Yes	Yes	Yes	No	No						Necessary
13	KALOLO	Kampala	16	16	7	11	17	16	No	Yes	No	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
41	KALOLO	Kanyoni	31	31	47	67	114	64	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
51	KALOLO	Kathumba	70	70	220	280	500	70	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump				Necessary
52	KALOLO	Zuwande	70	70	80	120	200	70	No	No	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
54	KALOLO	Kangulu	126	126	370	486	756	89	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Shallow well with pump	7.00			Necessary
57	KALOLO	Mnyanda	234	234	348	674	1042	234	Yes	No	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
171	KALOLO	Chadza						105	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
193	KALOLO	Yotamu						47	No	Yes	No	2005	Yes	Decided	Yes		Yes	Yes	No						Necessary
197	KALOLO	Chamoto	36	36	181	287	468	170	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
204	KALOLO	Khema						89	No	No	No	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
214	KALOLO	Chubungo						398	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borehole with pump			Climax	Necessary
219	KALOLO	Muyala	125	125			456	125	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No					Necessary
221	KALOLO	Kamatila						50	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						No
241	KALOLO	Mkathama						60	No	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						No
40	KALOLO	Kamkuwe	57	57	179	196		158	Yes	No	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
43	KALOLO	Chituwi						45	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
196	KALOLO	Chipanga	45	45	30	50	80	45	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
203	KALOLO	Manjawira	42	42	27	50	77	42	Yes	Yes	No	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
213	KALOLO	Lusha	54	54	175	200	375	33	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
1	KALOLO	Midzati	100	100	40	60	100	56	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
2	KALOLO	Dzuluwanda	450	450	220	250	470	110	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
15	KALOLO	Makala	58	58	120	152	372	89	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
23	KALOLO	Mdaula/ Mudulu						67	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
25	KALOLO	Chimulota						49	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
27	KALOLO	Jeremani	67	67	124	156	280	58	Yes	Yes	Yes	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
30	KALOLO	Masekesa	28	28	49	16	65	35	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
31	KALOLO	M'gulula	40	40	40	175	215	82	Yes	Yes	Yes		Yes	Decided	Yes	No	Yes	Yes	No						Necessary
42	KALOLO	Nyozwe	33	33	45	60	105	33	Yes	Yes	Yes	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
45	KALOLO	Chitapang'ombe						33	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
46	KALOLO	Chakumbutsa						41	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
65	KALOLO	Laudani	40	40	16	24	40	40	Yes	Yes	Yes	Feb 2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
66	KALOLO	Kalongopyera	82	82	32	50	82	82	Yes	Yes	Yes	Apr 2005	Yes	Decided	Yes	No	Yes	Yes	No						Necessary
68	KALOLO	Chibwala	40	40	44	56	100	56	No	Yes	Yes	Dec	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
70	KALOLO	Kalichero	37	37	25	35	60	37	Yes	Yes	No	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
87	KALOLO	Chidzenje	210	210	400	500	900	130	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary

No.	District	Village Name	Population						Primary School	Health Centre	Water Point Committee								Existing Water Supply Facility						Necessity of Water Supply Facility (borehole) with Pump
			General census of 1998				Evolution 2004						Operation and Maintenance		Charge for water		Community participation				Type				
			No. of House holds	Men	Wo-men	Total	Popu-lation	No.of House holds			Establish ment	Year of Establishment	Willing to pay the fee	Way of Collection	Willingness of Preparatory Contribution (10,000KM)	Willingness to Open a Bank Account	Do you think that your community can afford necessary allowance for WPC members to participate in CBM Training	Willingness to Contribute to Construction	Existing Water Supply Facility	Functional	Existing Shallow well with pump or Borehole with pump	Existing shallow Well with Pump		Existing Borehole with Pump	
																						Depth(m)	Pump Type	Pump Type	
91	KALOLO	Ntchisi	50	50	162	180	342	72	No	Yes	Yes	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	No						
123	KALOLO	Kaziputa	54	54	53	48	101	97	No	Yes	Yes		Yes	Decided	Yes		Yes	Yes	Yes	Yes					Necessary
132	KALOLO	Semu						42		Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
134	KALOLO	Mkanda						56	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
172	KALOLO	Mngongonda	188	188				251	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
194	KALOLO	Sankhulani						64	Yes		No	2004	Yes	Decided	Yes	Yes	Yes	No							Necessary
199	KALOLO	Mpingo II	120	120				420	No		Yes		Yes	Decided	Yes	Yes	Yes		Yes	Yes	Borehole with pump			Afridev	Necessary
200	KALOLO	Kadzani	75	75	30	50	80	75	Yes	No	No	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
202	KALOLO	Kwenje						56	Yes	No	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
207	KALOLO	Mkoko						48	Yes	Yes	No	2004	Yes	Decided	Yes	Yes			Yes	No	Borehole with pump			Afridev	Necessary
212	KALOLO	M'bang'ombe						53	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Climax	Necessary
216	KALOLO	Gulani						31	No	No	No	Dec2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
222	KALOLO	Ngalazuka	45	45				76	No	No	No	Nov2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
223	KALOLO	Kango						51	No	No	No	Jan2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
225	KALOLO	Mliwu						191	Yes	Yes	No	Dec2004	Yes	Decided	Yes	Yes	Yes	Yes	Yes	No				Climax	Necessary
226	KALOLO	Chinkhunda Nkhwanila						53	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
242	KALOLO	Kansengwa						120	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
69	KALOLO	Sungama	55	55	35	70	105	55	Yes	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
201	KALOLO	Kalonga	68	68	30	70	100	68	Yes	Yes	Yes	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
11	KALOLO	Nkhwambala	225	225	101	124	225	296	No	Yes			Yes	Decided	Yes	Yes	Yes		Yes	Yes	Shallow well with pump	24.00		Afridev	Necessary
24	KALOLO	Chisenga	100	100	40	54	94	30			No	Nov2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
44	KALOLO	Kafunde	93	93	64	100	164	93	No	No	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
49	KALOLO	Sinumbe	220	220	800	1200	2000	220	Yes	Yes	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
105	KALOLO	Mthyothyo	75	75	52	66	128	96	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
205	KALOLO	Mpondamwala	46	46	49	62	110	70	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
208	KALOLO	Bokola-Mdabwi						83	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
7	KALOLO	Lendemani	10	10	5	14	19	16	No	Yes	Yes	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
39	KALOLO	Chilembwe	36	36	54	52	106	56	Yes	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
67	KALOLO	Mchawa	45	45	149	245	394	90	No	Yes	Yes	Nov	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
89	KALOLO	Kanyopola	22	22	41	54	95	41	Yes	No	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
215	KALOLO	Chaponda	17	17	38	50	88	33	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
227	KALOLO	Dzinja	27	27	117	129	246	47	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
5	KALOLO	Nkhata	90	90	105	120	225	157	No	Yes	Yes	2005	Yes	Decided	Yes	Yes	Yes	Yes	No		Shallow well with pump				Necessary
20	KALOLO	Mtima	75	75	26	30	56	60	Yes	Yes			Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump				Necessary
29	KALOLO	Mtsinambuto-Kalata	50	50	45	55	100		No	Yes	Yes	Nov2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
38	KALOLO	Ching'ona	35	35	312	312	624	42	Yes	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Other
71	KALOLO	Jonas	52	52	40	60	100	58	Yes	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
104	KALOLO	Kwezani	16	16	115	68	148	28	No	No	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
198	KALOLO	Madika	58	58	70	95	165	42	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
220	KALOLO	Manthalu	39	39				39	No	No	Yes		Yes	Not yet	Yes	Yes	Yes		No						Necessary
243	KALOLO	Guli-Guli (B)						48	Yes	Yes	Yes		Yes	Decided	Yes	Yes	No	Yes	No						Necessary
28	KALOLO	Chipira Msan	99	99	163	187	350	117	No	Yes	Yes	Jan 2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
37	KALOLO	Mkuwira	175	175	160	182		119	No	Yes	Yes	Jan 2004	Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
218	KALOLO	Kabwana	79	79	50	89		89	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borehole with pump			Climax	Necessary
14	KALOLO	Malumbila	62	62	62	80	142	124	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
3	KALOLO	Chiziko	84	84	30	54	84	89	No	Yes	Yes	2004	Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
122	KALOLO	Mapira	34	34	32	38	70	44	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Shallow well with pump	7.00			Necessary
19	KALOLO	Zakaliya						68	No	Yes	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
4	KALOLO	Kamangira	172	172	160	155	687	72	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
6	KALOLO	Chipira kakoma	185	185	240	166	400		Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Other
8	KALOLO	Mkhozomba	124	124	70	61	131	105	Yes	Yes				Decided	Yes	Yes	Yes	Yes	No						Necessary
12	KALOLO	Mnkhowe	28	28	370	100	508	370	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
53	KALOLO	Chilomo	213	213	580	584	1164	81	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
55	KALOLO	Muzayani	83	83	149	260	409	83	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
10	KALOLO	Mthiko						55	Yes	Yes	Yes	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
63	KALOLO	M`milinga	103	103	89	89	880	89	No	No	Yes	Feb 2001	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
32	KHONGONI	Kanjanja	70	70	26	34	60	76	No	Yes	No	Nov 2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
34	KHONGONI	Mbalame	68	68	34	34	68	128	Yes	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
56	KHONGONI	Kambuzi	105	105	200	250	450	105	Yes	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump			Afridev	Necessary
58	KHONGONI	Mtavu	35	35	62	59	121	35	No	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No		Borehole with pump			Afridev	Necessary
74	KHONGONI	Zamula/ Jere			45	45		46	No	No	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
75	KHONGONI	Williamu/Jasiteni/Nthochi						68	No	Yes	No	Nov 2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
77	KHONGONI	Monjo Mduluza					65	76	Yes	No	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
82	KHONGONI	Masanji						121	No	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes							Necessary
84	KHONGONI	Masitala	35	35			300		No	No	Yes		Yes	Not yet											

No.	District	Village Name	Population						Primary School	Health Centre	Water Point Committee								Existing Water Supply Facility						Necessity of Water Supply Facility (borehole) with Pump
			General census of 1998				Evolution 2004						Operation and Maintenance		Charge for water		Community participation				Type				
			No. of House holds	Men	Wo-men	Total	Popu-lation	No.of House holds			Establish ment	Year of Establishment	Willing to pay the fee	Way of Collection	Willingness of Preparatory Contribution (10,000KM)	Willingness to Open a Bank Account	Do you think that your community can afford necessary allowance for WPC members to participate in CBM Training	Willingness to Contribute to Construction	Existing Water Supply Facility	Functional	Existing Shallow well with pump or Borehole with pump	Existing shallow Well with Pump		Existing Borehole with Pump	
																						Depth(m)	Pump Type	Pump Type	
88	KHONGONI	Kalama	36	36	36	36		36	Yes	No	Yes				Yes	Yes	Yes		Yes	No					
100	KHONGONI	Nthondo	23	23	50	56	106	82	Yes	No	Yes	Nov 2004	Yes	Not yet	Yes	Yes	Yes		No						Necessary
101	KHONGONI	Ziyendammanja						75	No	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
113	KHONGONI	Chibondo						57	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
114	KHONGONI	Katsano						83	Yes	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
115	KHONGONI	Msema					526	70	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	Yes	Yes	Borehole with pump				Necessary
116	KHONGONI	Mpondamwala	36	36			46	74	Yes	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
117	KHONGONI	Chizewe						66	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
118	KHONGONI	Chimpala						58	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
119	KHONGONI	Chizeze						58	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
124	KHONGONI	Chitindi	54	54	31	33	64	69	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
135	KHONGONI	Bwanali						53	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
136	KHONGONI	Mazengera						84	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
139	KHONGONI	Mwanda					243	81	No	Yes	No	2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
140	KHONGONI	msapha						42	No	Yes	No	2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
141	KHONGONI	Nthala-Gomani						64	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
142	KHONGONI	mapondera					264	60	No	Yes	No		Yes	Not yet	Yes	Yes			No						Necessary
143	KHONGONI	mpaya						98	No	Yes	Yes	Dec 2004	Yes	Not yet	Yes	Yes	Yes		No						Necessary
144	KHONGONI	mbewa II	46	46				58	No	Yes	No	Dec2005	Yes	Not yet	Yes	Yes			No						Necessary
145	KHONGONI	Khombokombo						77	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
146	KHONGONI	Kazambala						61	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
148	KHONGONI	Kachere						35	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
175	KHONGONI	Mandelo/Mika						40	No	No	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
185	KHONGONI	Jeke	58	58	58	58	116	62	No	Yes	No	2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
186	KHONGONI	Kasalika	61	61	61	61	122	70	No	Yes	No	2004	Yes	Not yet	Yes	Yes	Yes		No						Necessary
236	KHONGONI	Sambo						72	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
240	KHONGONI	Mnthumba					182	96	No	Yes	No		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
244	KHONGONI	Mikili						54	No		Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
245	KHONGONI	Kaphiri	200	200				51	Yes	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
246	KHONGONI	Mdatsekako						54	No	Yes	No	Jan2005	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
251	KHONGONI	Mnkhunyungu						67	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	Yes	No	Shallow well with pump	45.00	Malda		Necessary
78	KHONGONI	Nyanga	307	307	504	600		304	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No	No	Borechole with pump			Afridev	
90	KHONGONI	Kambuyawa	33	33	33	29	62	68	No	Yes	Yes	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	No	No	Borechole with pump			Climax	Necessary
95	KHONGONI	Kaluzi	27	27	100	150	250	57	No	Yes	No	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borechole with pump			Afridev	Necessary
99	KHONGONI	Zokoto	36	36	147	173	380	145	Yes	Yes	Yes		Yes	Decided	Yes	No	Yes	Yes	No						Necessary
156	KHONGONI	Changwe						68	No	No	No		Yes	Decided		Yes	Yes	Yes	No						No
190	KHONGONI	Makawa						321	Yes	No	Yes		Yes	Decided	Yes	Yes			No						Necessary
224	KHONGONI	Kakoloweko	70	70	70	70	140		No	Yes	No	Dec2004	Yes	Decided	Yes	Yes	Yes								Necessary
247	KHONGONI	Mwadzimbi						110	No	No	No		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Shallow well with pump		Malda		Necessary
72	KHONGONI	Naferanji	88	88	88	88	176	112	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Shallow well with pump		Climax		Necessary
73	KHONGONI	Naferanji	67	67	67	67	134		Yes	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borechole with pump			Climax	Necessary
79	KHONGONI	Kalumbi	78	78	240	225		88	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No	No	Borechole with pump			Afridev	Necessary
93	KHONGONI	Daimoni	57	57	200	141	59	57	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						No
94	KHONGONI	Mwezi wauma	80	80	130	210	340	187	No	No	Yes	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
109	KHONGONI	Kapuzama	95	95	95	95	190	112	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No					Necessary
150	KHONGONI	Mwamulu						75	No	No	No	Dec2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
151	KHONGONI	Thauzeni	29	29	150	170	320	45	No	No	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
174	KHONGONI	Kalipande	41	41	41	41	82	35	No	No	No	2004	Yes	Decided	Yes	Yes	Yes		No						Necessary
176	KHONGONI	Kameta	50	50	25	25	50	60	No	No	No	2004	Yes	Decided	Yes	No	Yes		No						Necessary
178	KHONGONI	Chadzunda	15	15	15	15	30	30	No	No	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
188	KHONGONI	Chilufu						85	Yes	Yes	Yes		Yes	Decided	Yes	Yes	No	No	No						Necessary
191	KHONGONI	Nkhawa						32	Yes	Yes	No	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
233	KHONGONI	Mkwinda						49	No	Yes	No	Dec2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
238	KHONGONI	Kadyalu						65	No	Yes	No	Nov2004	Yes	Decided	Yes	Yes		Yes	No						Necessary
239	KHONGONI	Mwambakulu						50	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
248	KHONGONI	Imfa						28	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borechole with pump				Necessary
252	KHONGONI	Mgumula						99	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
257	KHONGONI	Madzonga							No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borechole with pump			Afridev	Necessary
147	KHONGONI	Msungata			45	60	105	70	Yes	Yes	Yes	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
33	KHONGONI	Kachilikiza	18	18	28	42	70	51	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
64	KHONGONI	Waya	38	38	60	180	24	56	Yes	No			Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borechole with pump			Afridev	Necessary
88	KHONGONI	Kanzota						72	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
102	KHONGONI	Mwachipula	70	70	65	70	135	70	No		No	Nov 2004	Yes	Decided	Yes	Yes	Yes		No						Necessary
112	KHONGONI	Sixpence					520	78	Yes		No	2004	Yes	Decided	Yes	Yes	Yes		No						Necessary
131	KHONGONI	Chimphako						45	Yes	No	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary

No.	District	Village Name	Population						Primary School	Health Centre	Water Point Committee								Existing Water Supply Facility						Necessity of Water Supply Facility (borehole) with Pump
			General census of 1998				Evolution 2004						Operation and Maintenance		Charge for water		Community participation				Type				
			No. of House holds	Men	Wo-men	Total	Popu-lation	No.of House holds			Establish ment	Year of Establishment	Willing to pay the fee	Way of Collection	Willingness of Preparatory Contribution (10,000KM)	Willingness to Open a Bank Account	Do you think that your community can afford necessary allowance for WPC members to participate in CBM Training	Willingness to Contribute to Construction	Existing Water Supply Facility	Functional	Existing Shallow well with pump or Borehole with pump	Existing shallow Well with Pump		Existing Borehole with Pump	
																						Depth(m)	Pump Type	Pump Type	
138	KHONGONI	Chigowo						38	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes						Necessary
149	KHONGONI	Khofi			50	75	125	58	Yes	Yes	No	2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
153	KHONGONI	Mafola	26	26	175	220	395	66	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
158	KHONGONI	Kawodzera II	62	62	69	84	215	82	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
159	KHONGONI	Dzonzi	100	100	100	100	200	120	No	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
162	KHONGONI	Sapulaye	37	37	37	37	74	86	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
177	KHONGONI	Tumeyo	65	65	65	65	130	260	No	No	Yes	2004	Yes	Decided	Yes	Yes	Yes	No	No						Necessary
179	KHONGONI	Mkumbila	61	61	195	204	399	69	No	Yes	Yes	2003	Yes	Decided	Yes	Yes	Yes	Yes	No						
180	KHONGONI	Mangani	38	38	38	136	74	48	No	Yes	Yes	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
181	KHONGONI	Malata/Timoti	25	25	24	22	46	30	No	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
182	KHONGONI	Chikwa	65	65	65	65	130	65	No	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
183	KHONGONI	Thema	31	31	24	26	50	83	No	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
187	KHONGONI	Kantengo	45	45	120	240	360	45	No	Yes	Yes	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
230	KHONGONI	Chimombo	100	100	100	100	200	164	No	Yes	No	Nov2004	Yes	Decided	Yes	Yes	Yes								Necessary
235	KHONGONI	Kasawa						54	No	No	No	Dec2004	Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borechole with pump			Afridev	Necessary
255	KHONGONI	Chikweteza						47	No	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borechole with pump			Afridev	Necessary
257	KHONGONI	Katugwa						54	No	Yes	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
258	KHONGONI	Chimbaru Mndimbanazo	42	42	42	42	84	60	No	Yes	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
258	KHONGONI	Mlamba						93	Yes	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
133	KHONGONI	Njombilo	50	50	50	50	100	62	No	Yes	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
256	KHONGONI	Bondo						35	Yes	No	Yes	2001	Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borechole with pump			Afridev	Necessary
60	KHONGONI	Chaipam`njare	112	112	122	149	271	112	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Borechole with pump			Climax	Necessary
111	KHONGONI	Kasitomu						35	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
229	KHONGONI	Butawo	70	70	62	109	171		No	No				Decided	Yes	Yes		No							Necessary
250	KHONGONI	M'bamwana						45	No	Yes	No	Jan2005	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
259	KHONGONI	Mtswati						71	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
35	KHONGONI	Levi						64	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
232	KHONGONI	Chawina						25	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	No	No						Necessary
163	KHONGONI	Phetera	18	18	25	40	65	60	No	Yes	No	2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
169	KHONGONI	Kachiponda	85	85	50	51	106	69	No	No	No	2004	Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
231	KHONGONI	Makwembe						34	No	Yes	No		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
234	KHONGONI	Chibwalo						48	No	Yes	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	No						Necessary
61	KHONGONI	Chithemba	120	120	90	102	192	126	Yes	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borechole with pump			Afridev	Necessary
108	KHONGONI	Salima	72	72	72	72	144	72	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No	No	Borechole with pump			Climax	Necessary
129	KHONGONI	Kantugwala	39	39	35	87	157	39	No	Yes	Yes	2003	Yes	Decided	Yes	Yes	Yes	Yes	No		Shallow well with pump				Necessary
152	KHONGONI	Mwase	42	42	62	71	133	42	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
165	KHONGONI	Ngalize						54	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
173	KHONGONI	Kamapalila	15	15	15	15	30	35	No	No	No	2004	Yes	Decided	Yes	Yes		No	No						Necessary
189	KHONGONI	Kawalika						73	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
237	KHONGONI	Mangilira					280	205	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borechole with pump			Afridev	Necessary
253	KHONGONI	Chalonga						410	No	No	Yes		Yes	Not yet	Yes	Yes	Yes	Yes	Yes	No	Borechole with pump			Afridev	Necessary
254	KHONGONI	Chimphepo						85	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
47	KHONGONI	Khongoni	33	33	29	34	63	33	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No	Shallow well with pump	18.00			Necessary
92	KHONGONI	Kakhutantaya	300	300	330	333	663	83	No	Yes	No	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
110	KHONGONI	Mzongoti	47	47	47	47	94	47	No		No	Nov 2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
154	KHONGONI	Kuthengo	50	50	140	185	320	58	No	No	No	2004	Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
155	KHONGONI	Chinjili	28	28	48	52	100	52	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
164	KHONGONI	Nkhoka						46	No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
228	KHONGONI	Milala	78	78	175	207	377	88	No	Yes	No	Dec2004	Yes	Decided	Yes	Yes	Yes	Yes							
249	KHONGONI	Kambudzi						141	Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	Yes	Borechole with pump			Afridev	Necessary
62	KHONGONI	Benjamini	45	45	35	35	115	37	No	No	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
81	KHONGONI	Gulumba	116	116	116	116			Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes		Yes						Necessary
97	KHONGONI	Mafuta	50	50	26	35		50	Yes	Yes	Yes		Yes	Decided	No	No	Yes	Yes	No						Necessary
98	KHONGONI	Kabudula	75	75	70	62	107	1430	Yes	No			Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
80	KHONGONI	Chipeni	192	192	200	145			Yes	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	Yes	No					Necessary
157	KHONGONI	Loti	43	43	150	200	393	43	No	No	Yes		Yes	Decided	Yes	Yes	Yes	No	No						Necessary
160	KHONGONI	Kawozela I	74	74	60	96	230	72	No	No	Yes		Yes	Decided	Yes	No									Necessary
96	KHONGONI	Pashane	70	70	30	35	135		No	Yes	Yes		Yes	Decided	Yes	Yes	Yes	Yes	No						Necessary
161	KHONGONI	Chadzunda	39	39	200	180	419	49	Yes	No	Yes		Yes	Decided	Yes	Yes	Yes	No	No						Necessary

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
1	Kalolo	Protected SW	100	Every day	6	Draw Well	On foot	Protected SW	100	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	8	Agriculture Labourer	Wage Earner	50,000	10,000	24,650
3	Kalolo	U-p SW	150	Every day	5		On foot	U-p SW	150	Every day	5		On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	4	Agriculture	Agriculture	25,000	15,000	16,735
5	Kalolo	U-p SW	200				On foot	U-p SW	200				On foot	Yes	Saving Time	Always	Other	Cup	Always wash with soap or ash	Toilet	Dysentery, Eye disease and Skin disease	5	Agriculture	Agriculture	26,000	10,000	89,530
7	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	Spring	10	Every day	2		On foot	Yes	Saving Time	Always	Bucket	Cup	Always wash with soap or ash	Toilet			Agriculture	Agriculture			11,100
13	Kalolo	U-p SW	500	Every day	3	Draw Well	On foot	U-p SW	5	Every day	2	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Two Cups	Always	Toilet		3	Agriculture				3,160
14	Kalolo	U-p SW	60	Every day	7	Draw Well	On foot	U-p SW	60	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Two Cups	Always	Toilet	Cholera	7	Agriculture	Merchant	9,000	10,000	7,290
15	Kalolo	Protected SW	50	Every day	6	Draw Well	On foot	Protected SW	50	Every day	2	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Two Cups	Always	Toilet	Cholera	5	Agriculture		2,500		2,020
16	Kalolo	U-p SW	80	Every day	3	Draw Well	On foot	River/ Dambo	80	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Sometimes	Toilet	Skin Disease	6	Agriculture	Agriculture Labourer	34,000		7,100
22	Kalolo	Protected SW	500	Every day	8	Draw Well	On foot	U-p SW	500	Every day	8	Draw Well	On foot	Yes	Saving Time	Normally	Bucket	Cup	Always	Toilet		2	Agriculture	Agriculture	15,000	10,000	3,060
24	Kalolo	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10		On foot	Yes	Saving Time	Never	Other	Dipper	Always	Toilet	dysentery and skindisease	5	Agriculture	Agriculture			18,550
25	Kalolo	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Always	Toilet		3	Agriculture	Agriculture	30,000	10,000	26,500
26	Kalolo	U-p SW	500	Every day	7	Draw Well	On foot	U-p SW	500	Every day	7	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Other	Wage Earner	2,400	13,000	42,150
27	Kalolo	U-p SW	300	Every day	2	Draw Well	On foot	U-p SW		Every day	2	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	4	Agriculture	Agriculture Labourer	2,000	1,500	2,700
28	Kalolo	U-p SW	400	Every day	3	Draw Well	On foot	U-p SW	400	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot	Other	Seldom	Toilet	Diarrhoea and Eye Disease	4	Agriculture	Agriculture Labourer	500	5,000	2,750
29	Kalolo	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	8	Agriculture Labourer	Agriculture	4,000	1,000	18,100
30	Kalolo	U-p SW	300	Every day	9	Draw Well	On foot	U-p SW	300	Every day	9	Draw Well	On foot	Yes	Saving Time	Normally	Bucket	Cup	Always	Toilet	Dysentery	3	Agriculture	Agriculture	5,000	3,000	14,410
31	Kalolo	Protected SW	100	Every day	6	Draw Well	On foot	U-p SW	10	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Pot	Two Cups	Always wash with soap or ash	Toilet	Cholera	8	Agriculture	Other	38,000		11,760
32	Kalolo	U-p SW	100	Every day	9	Draw Well	On foot	Protected SW	100	Every day		Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Two Cups	Always	Toilet	Eye Disease	6	Agriculture		15,000		9,385
33	Kalolo	U-p SW	150	Every day	8	Draw Well	On foot	U-p SW	150	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Two Cups	Always	Toilet		2	Agriculture	Wage Earner	10,000	4,500	40,150
34	Kalolo	U-p SW	150	Every day	8	Draw Well	On foot	U-p SW	150	Every day	6	Draw Well	On foot	Yes	Saving Time	Always	Pot	Two Cups	Always	Toilet	Cholera	6	Agriculture		4,000		8,120
35	Kalolo	U-p SW	100	Every day	12	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	Saving Time	Never	Pot	Two Cups	Always	Toilet		6	Civil Servant	Agriculture	5,000	56,000	24,080
36	Kalolo	U-p SW	200	Every day	9	Draw Well	On foot	U-p SW	10	Every day	9	Draw Well	On foot	Yes	Saving Time	Never	Pot	Two Cups	Always	Toilet	Diarrhoea	4	Agriculture Labourer	Agriculture Labourer	4,000	9,000	15,945
40	Kalolo	U-p SW	200	Every day		Draw Well	On foot	U-p SW	2	Every day		Draw Well	On foot	Yes	Saving Time	Always	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea, Cholera and Eye disease	8			15,000	1,000	21,500
41	Kalolo	U-p SW	200	Every day	8	Draw Well	On foot	U-p SW	20	Every day	8	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Two Cups	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Breeder	Agriculture	5,000	2,000	12,100
42	Kalolo	U-p SW	150	Every day	3	Draw Well	On foot	U-p SW	14	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	9	Agriculture	Agriculture	10,000	5,000	27,500
43	Kalolo	River/ Dambo	105	Every day	6	Draw Well	On foot	River/ Dambo	105	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	Dysentery	2	Agriculture	Agriculture			825
44	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	Spring	115	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot with filter	Cup	Sometimes	Toilet	diarrhoea and dysentery	3	Agriculture	Agriculture Labourer	21,000	200	6,350
45	Kalolo	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Dysentery	3	Agriculture		2,000	3,000	1,200
46	Kalolo	River/ Dambo	200	Every day	4	Draw Well	On foot	River/ Dambo	200	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea		Agriculture	Agriculture	26,000		36,550
47	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot	River/ Dambo	200	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease		Agriculture	Agriculture	40,000		84,000
48	Kalolo	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Bucket	Cup	Always		Diarrhoea		Agriculture	Agriculture Labourer	12,000	2,000	3,800
50	Kalolo	Borehole	100	Every day	5	Hand Pump	On foot	Borehole	100	Every day	5	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Cup	Sometimes	Toilet	Dysentery, Eye disease and Skin disease		Agriculture		6,350		7,610
51	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes		Never	Pot	Two Cups	Always	Toilet	Diarrhoea	6	Agriculture	Agriculture	8,000	6,000	
52	Kalolo	Protected SW	150	Every day	4		On foot	Protected SW	150	Every day	4		On foot	Yes		Never	Bucket	Cup	Always	Toilet	Diarrhoea	2	Wage Earner	Agriculture	4,000	7,000	
53	Kalolo	U-p SW	100	Every day	8		On foot	U-p SW	100	Every day	8		Bicycle	Yes		Never	Bucket	Two Cups	Always	Toilet	Eye Disease	8	Agriculture		35,000	5,000	
59	Kalolo	Protected SW	300	Every day	3	Draw Well	On foot	Protected SW	30	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Never		Diarrhoea		Agriculture	Merchant	13,500	15,000	
61	Kalolo	U-p SW	100	Every day	1	Draw Well	On foot	U-p SW	10	Every day	2	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Other	Diarrhoea		Agriculture	Agriculture	10,000		
62	Kalolo	Protected SW	200	Every day	6	Draw Well	On foot	U-p SW	2	Every day	6	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Always	Other	Dysentery, Eye disease and Skin disease	5	Agriculture	Agriculture	8,000		
63	Kalolo	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	10	Every day	3		On foot	Yes	Secure Quality	Never	Pot with filter	Cup	Always	Toilet		3	Agriculture	Agriculture	5,000		8,900
64	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot		Secure Quality	Always	Pot	Cup	Always	Toilet	Skin Disease	7	Agriculture	Agriculture			8,250
65	Kalolo	U-p SW	60	Every day	3	Draw Well	On foot	U-p SW	60	Every day	3	Draw Well	On foot		Secure Quality	Never	Bucket	Cup	Always	Toilet	Eye Disease	5	Agriculture Labourer	Agriculture Labourer	1,700	2,900	5,900
66	Kalolo	U-p SW	300	Every day	3	Draw Well	On foot	U-p SW	300	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Other	Dysentery, Eye disease and Skin disease	6	Agriculture	Agriculture	8,500		6,900
67	Kalolo	U-p SW	100	Every day	9	Draw Well	On foot	U-p SW	10	Every day	9	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always wash with soap or ash	Toilet	Diarrhoea, Cholera and Eye disease	6	Agriculture	Other	15,000	2,000	12,630
68	Kalolo	U-p SW	200	Every day	6			U-p SW	200	Every day	6			Yes	Secure Quality	Always	Pot		Always	Toilet		6	Agriculture	Wage Earner	23,000	11,000	
69	Kalolo	U-p SW	300	Every day	10	Draw Well	On foot	U-p SW	300	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	6	Agriculture	Agriculture	5,000	5,000	33,550
70	Kalolo	River/ Dambo	100	Every day	8	Draw Well	On foot	River/ Dambo	100	Every day	8	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Eye Disease		Agriculture	Merchant	1,000	7,000	
71	Kalolo	U-p SW		Every day	2	Draw Well	On foot	U-p SW		Every day	2	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Never	Toilet	Eye Disease		Agriculture	Merchant			
72	Kalolo	River/ Dambo	200	Every day	3	Draw Well	On foot	River/ Dambo	200	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Eye Disease		Agriculture		62,000		
73	Kalolo	U-p SW	300	Every day		Draw Well	On foot	U-p SW	300	Every day		Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Dysentery		Agriculture	Merchant	3,000	5,000	2,130
74	Kalolo	U-p SW	300	Every day		Draw Well	On foot	U-p SW	300	Every day		Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Other	Skin Disease		Agriculture	Merchant	500	10,000	4,686
76	Kalolo	U-p SW	400	Every day		Draw Well	On foot	U-p SW	400	Every day		Draw Well	On foot		Secure Quality	Never	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Eye Disease		Agriculture	Merchant		5,000	3,100
77	Kalolo	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day		Draw Well	On foot	Yes	Saving Time	Never	Other	Cup	Always	Toilet		3	Agriculture	Agriculture	28,000		
78	Kalolo	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes		Never	Bucket	Two Cups	Sometimes	Toilet	cholera and eye disease	5	Agriculture	Agriculture	10,000	2,000	23,000
80	Kalolo	River/ Dambo	125	Every day	3	Draw Well	On foot	River/ Dambo	125	Every day	3	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always wash with soap or ash	Toilet	Dysentery	6	Agriculture	Agriculture Labourer		2,000	
84	Kalolo	U-p SW	200	Every day	11	Draw Well	On foot	U-p SW	20	Every day	11	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture	Agriculture			14,800
85	Kalolo	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always wash with soap or ash	Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture	Agriculture	9,000		4,250
86	Kalolo	Protected SW	90	Every day	1	Draw Well	On foot	Protected SW	90	Every day	1	Draw Well	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	5	Agriculture	Agriculture	3,000	1,000	
87	Kalolo	Protected SW	100	Every day	2	Draw Well	On foot	Protected SW	100	Every day	2	Draw Well	On foot	Yes	Saving Time	Always	Bucket	Cup	Always	Toilet		2	Agriculture	Agriculture	1,000	200	
88	Kalolo	Protected SW	200	Every day	4	Draw Well	On foot	Protected SW	200	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture	Agriculture	50,000	2,000	
94	Kalolo	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Skin Disease	4	Agriculture				2,745
95	Kalolo	Protected SW	200	Every day	8	Draw Well	On foot	U-p SW	25	Every day	9	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always wash with soap or ash	Toilet	Dysentery	3	Agriculture				1,412
96	Kalolo	U-p SW	105	Every day	2	Draw Well	On foot		105	Every day		Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	5	Agriculture		8,000		14,696
98	Kalolo	U-p SW	500	Every day	16	Draw Well	On foot	U-p SW	500	Every day	11	Draw Well	On foot	Yes	Saving Time	Always	Pot	Two Cups	Always	Toilet	typhoid & skin diseases	6	Agriculture	Agriculture Labourer	2,000	3,000	25,220
99	Kalolo	River/ Dambo	600	Every day	5	Draw Well	On foot	River/ Dambo	600	Every day	5	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Always	Pot	Two Cups	Always	Toilet	Skin Disease	5	Agriculture		7,000		9,180
100	Kalolo	River/ Dambo	400	Every day	8	Draw Well	On foot	River/ Dambo	400			Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Always	Pot	Two Cups	Always	Toilet	Eye Disease	4	Agriculture		70,000		32,940
104	Kalolo	U-p SW	100	Every day	8	Draw Well	On foot	U-p SW	100	Every day	8	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	Dysentery	3	Agriculture		4,000		10,650
105	Kalolo	U-p SW	600	Every day	6	Draw Well	On foot	U-p SW	600	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	typhoid & skin diseases	5	Agriculture	Agriculture Labourer	18,000	15,000	27,310
107	Kalolo	U-p SW	70	Every day	8	Draw Well	On foot	U-p SW	70	Every day	8	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Two Cups	Always	Toilet	cholera & skin diseases	6	Agriculture		7,000		7,410
108	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot	Protected SW	200	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture	Agriculture	44,000	5,000	20,714
109	Kalolo	River/ Dambo	400	Every day	6	Draw Well	On foot	River/ Dambo	400	Every day	6	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	3	Agriculture	Breeder	8,000	7,000	18,570
113	Kalolo	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	4	Agriculture	Agriculture	9,000		
117	Kalolo	U-p SW	800	Every day	4	Draw Well	On foot	U-p SW				Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet		4	Agriculture	Agriculture	5,000		
119	Kalolo	U-p SW	300	Every day	8	Draw Well	On foot	U-p SW	2	Every day	8	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Garden	Dysentery	9	Agriculture		10,000		30,300
129	Kalolo	River/ Dambo	100	Every day	7	Draw Well	On foot	River/ Dambo	1000	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Never	Toilet	typhoid & skin diseases	8	Agriculture	Agriculture	5,000	1,200	12,120
130	Kalolo	River/ Dambo	100	Every day	4	Draw Well	On foot	River/ Dambo	100	Every day	4	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot with filter	Cup	Sometimes	Toilet	Eye diseases & skin diseases	6	Agriculture Labourer	Agriculture Labourer	2,000	1,000	12,417
131	Kalolo	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	10	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Other	Cup	Sometimes	Toilet		7	Agriculture	Agriculture	110,000	20,000	16,250
132	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea, Cholera and Eye disease	6	Agriculture	Agriculture	42,000	10,000	30,170
134	Kalolo	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture	Breeder	30,000	14,000	1,895

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
139	Kalolo	U-p SW	80	Every day	10	Draw Well	On foot	U-p SW	80	Every day	10	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Sometimes	Toilet	Diarrhoea	10	Agriculture		15,000		3,359
140	Kalolo	U-p SW	200	Every day	5		On foot	U-p SW	200	Every day			On foot	Yes	Secure Quality												
141	Kalolo	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture Labourer		2,000		1,955
142	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Sometimes	Toilet	Diarrhoea, Cholera and Eye disease	8	Agriculture	Agriculture	10,000		3,665
143	Kalolo	U-p SW	400	Every day	8	Draw Well	On foot	U-p SW	40	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Garden	Dysentery, Eye disease and Skin disease	8	Agriculture Labourer		10,000		2,470
144	Kalolo	U-p SW	200	Every day	7	Draw Well	On foot	U-p SW	200	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	4	Agriculture	Agriculture	20,000		3,490
193	Kalolo	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	5	Agriculture	Agriculture	2,000	500	
216	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea	6	Agriculture	Agriculture	11,300	1,000	
217	Kalolo	U-p SW	50	Every day	8	Draw Well	On foot	U-p SW	50	Every day	8	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Always	Garden	Diarrhoea, Cholera and Eye disease	8	Agriculture		15,850		
233	Kalolo	U-p SW	400	Every day	5	Draw Well	On foot	U-p SW	40	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Two Cups	Sometimes		Diarrhoea and Skin disease	8	Agriculture	Agriculture	7,000	300	6,070
238	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	10	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always wash with soap or ash	Toilet	Diarrhoea	5		Agriculture	15,000	2,000	9,600
265	Kalolo	U-p SW	200		6	Draw Well	On foot	U-p SW	20	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	4	Agriculture		15,000		8,050
266	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot	U-p SW	200	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always		Skin Disease	7	Agriculture	Merchant	20,000		6,840
282	Kalolo	U-p SW	200	Every day	7	Draw Well	On foot		200	Every day	7	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Typhoid	5	Agriculture	Merchant	10,000		11,730
351	Kalolo	U-p SW	150	Every day	3	Other	On foot	U-p SW	15	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	dysentery and skindisease	3	Wage Earner		2,000		2,010
355	Kalolo	U-p SW	80	Every day	4	Draw Well	On foot	U-p SW	80	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea	3	Agriculture Labourer		7,000		1,645
356	Kalolo	U-p SW	60	Every day	5	Draw Well	On foot	U-p SW	60	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye Disease	7	Agriculture		3,000		3,300
357	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Sometimes	Toilet	Diarrhoea	4	Agriculture	Agriculture	19,000		
360	Kalolo	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6	Agriculture Labourer		3,000		4,750
361	Kalolo	U-p SW	800	Every day	4	Draw Well	On foot	U-p SW	800	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Sometimes	Toilet	cholera and eye disease	6	Agriculture Labourer	Agriculture	28,000	50,000	2,660
362	Kalolo	U-p SW	120	Every day	6	Draw Well	On foot	U-p SW	120	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	4	Agriculture Labourer		25,000		2,970
364	Kalolo	River/ Dambo	400	Every day	4	Other	On foot	River/ Dambo	400	Every day	4	Other	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	2	Agriculture		48,000		34,700
365	Kalolo	River/ Dambo	850	Every day	4	Other	On foot	River/ Dambo	850	Every day	4	Other	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture Labourer		15,000		6,850
366	Kalolo	U-p SW	300	Every day	8	Draw Well	On foot	U-p SW	300	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Other	Cup	Sometimes	Toilet	dysentery and skindisease	7	Agriculture	Agriculture	5,000	2,000	3,300
367	Kalolo	U-p SW	200	Every day	6	Draw Well	On foot	U-p SW	200	Every day	6	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Bucket	Cup	Always	Toilet	Diarrhoea	5	Agriculture	Agriculture	15,000	2,000	
368	Kalolo	U-p SW	50	Every day	3	Draw Well	On foot	U-p SW	50	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Never	Toilet	Cholera	4	Agriculture		4,000		
369	Kalolo	U-p SW	250	Every day	6	Draw Well	On foot	U-p SW	25	Every day	6	Draw Well	On foot		Secure Quality	Never	Bucket	Cup	Never	Toilet	Diarrhoea	5	Agriculture		25,000		
371	Kalolo	U-p SW	70	Every day	10	Draw Well	On foot	River/ Dambo	100	Every day	10	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Always	Toilet	cholera and eye disease	8	Agriculture	Agriculture Labourer	20,000	2,000	4,100
372	Kalolo	U-p SW	400	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet		8	Agriculture		18,000		11,000
373	Kalolo	U-p SW	400	Every day	6	Draw Well	On foot	U-p SW	700	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	9	Agriculture		100,000		7,100
374	Kalolo	River/ Dambo	500	Every day	5	Draw Well	On foot	River/ Dambo	500	Every day	5	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Dipper	Always	Toilet	Diarrhoea	5	Agriculture	Agriculture	35,000	56,000	
375	Kalolo	U-p SW	800	Every day	6	Draw Well	On foot	U-p SW	800	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Eye Disease	5	Agriculture Labourer		60,000		5,885
376	Kalolo	U-p SW	600	Every day	5	Draw Well	On foot	U-p SW	600	Every day	5	Draw Well	On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Always	Toilet	Eye Disease	6	Agriculture Labourer		200,000		2,815
377	Kalolo	U-p SW	400	Every day	3	Draw Well	On foot	U-p SW	400	Every day	3	Draw Well	On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	4	Agriculture Labourer		6,000		1,475
378	Kalolo	River/ Dambo	850	Every day	6		On foot	River/ Dambo	850	Every day	6		On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Garden	Diarrhoea	4	Agriculture		2,000		1,880
379	Kalolo	River/ Dambo	300	Every day	4		On foot	River/ Dambo	300				On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet		8	Agriculture		15,000		1,500
380	Kalolo	River/ Dambo	500	Every day	4		On foot	River/ Dambo	500	Every day	4		On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	4	Agriculture		6,000		1,350
383	Kalolo	U-p SW	800	Every day	3	Draw Well	On foot	U-p SW	800	Every day	3	Draw Well	On foot	Yes	Saving Time	Normally	Bucket	Cup	Always	Toilet	Diarrhoea	5	Agriculture		900		3,240
384	Kalolo	U-p SW	500	Every day	4	Draw Well	On foot	U-p SW	500	Every day	4	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Dipper	Always	Toilet	Diarrhoea	3	Agriculture		12,000		1,534
385	Kalolo	River/ Dambo	200	Every day	8	Draw Well	On foot	Other	200	Every day	8	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Two Cups	Always	Toilet	Diarrhoea	7	Agriculture	Agriculture	50,000		148,070
386	Kalolo	River/ Dambo	1000	Every day	5		On foot							Yes	Saving time and secure quality	Never	Pot	Two Cups	Sometimes	Toilet	Skin Disease	5	Agriculture		38,000		13,700
387	Kalolo	U-p SW	150		9	Draw Well	On foot	U-p SW	150	Every day	9	Draw Well	On foot	Yes	Saving time and secure quality	Always	Bucket	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6	Agriculture	Agriculture	16,000		12,830
388	Kalolo	U-p SW	80	Every day	6	Draw Well	On foot							Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	9	Agriculture				1,325
389	Kalolo	River/ Dambo	500	Every day	4	Draw Well	On foot	River/ Dambo		Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	4	Agriculture		30,000	12,000	2,630
392	Kalolo	U-p SW	500	Every day	9	Draw Well	On foot	U-p SW	150	Every day	9	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Dipper	Sometimes	Toilet	Dysentery	4	Agriculture	Agriculture	5,000	1,500	2,910
394	Kalolo	River/ Dambo	600	Every day	4	Draw Well	On foot		600	Every day	4		On foot	Yes	Secure Quality	Never	Other	Cup	Sometimes	Garden	Diarrhoea	5	Agriculture	Agriculture	20,000	800	1,560
395	Kalolo	U-p SW	100	Every day	5	Draw Well	On foot							Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture				1,425
398	Kalolo	U-p SW	300	Every day	4	Draw Well	On foot	U-p SW	300	Every day	4	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never		Cup	Sometimes	Toilet		3	Agriculture	Agriculture	6,000	2,000	3,300
399	Kalolo	U-p SW	600	Every day	3	Draw Well	On foot	U-p SW	600	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Garden	Diarrhoea	4	Agriculture		13,000	700	1,585
400	Kalolo	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day	9	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	9	Agriculture Labourer		120,000		4,860
401	Kalolo	U-p SW	400	Every day	4	Draw Well	On foot	River/ Dambo	400	Every day	4	Draw Well	On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Sometimes	Toilet		5	Agriculture Labourer		72,000	30,000	3,775
402	Kalolo	U-p SW	50	Every day	7	Draw Well	On foot	U-p SW	50	Every day	7	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	7	Agriculture	Agriculture	200,000		31,810
403	Kalolo	River/ Dambo	400	Every day	6	Draw Well	On foot	River/ Dambo	400	Every day	6		On foot	Yes	saving time, lighten labour & secure quality	Normally	Bucket	Cup	Always	Toilet	Diarrhoea	6	Agriculture	Agriculture	25,000		12,600
404	Kalolo	U-p SW	200	Every day	8	Draw Well	On foot	U-p SW	200	Every day	8	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6	Agriculture				12,575
405	Kalolo	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	7	Agriculture	Agriculture	120,000	5,000	14,050
406	Kalolo	U-p SW	500	Every day	5	Draw Well	On foot	U-p SW	500	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Other	Cup	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	7	Agriculture	Agriculture	10,000	2,000	7,335
411	Kalolo	U-p SW	100		4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot		Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	3	Agriculture	Agriculture	10,000		2,920
412	Kalolo	U-p SW	70	Every day	5	Draw Well	On foot	U-p SW	70	Every day	5	Draw Well	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Skin Disease	9	Agriculture		5,000		5,045
413	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200		5	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Dysentery	4	Agriculture		10,000		15,425
416	Kalolo	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	3	Agriculture	Agriculture	10,000		3,579
417	Kalolo	U-p SW	50	Every day	8	Draw Well	On foot	U-p SW	50		8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	7	Agriculture		9,000		2,900
418	Kalolo	U-p SW	60	Every day	5	Draw Well	On foot		60	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture		40,000		3,100
419	Kalolo	U-p SW	300	Every day	7	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never		Dipper	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	3	Agriculture	Agriculture	2,800		5,950
420	Kalolo	River/ Dambo	150	Every day	3	Draw Well	On foot	River/ Dambo	150	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture				23,375
421	Kalolo	River/ Dambo	200	Every day	4		On foot	River/ Dambo	200	Every day	4		On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Garden	Diarrhoea	6	Agriculture		10,000		22,000
422	Kalolo	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	1	Agriculture	Agriculture	3,000		3,520
423	Kalolo	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day		Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	7	Agriculture	Agriculture	3,500		5,039
424	Kalolo	U-p SW	50	Every day	4	Draw Well	On foot	U-p SW	50	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Diarrhoea	5	Agriculture	Agriculture	10,000	10,000	11,015
425	Kalolo	U-p SW	100	Every day	8	Draw Well	On foot	U-p SW	100	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Skin disease	4	Agriculture	Agriculture	6,000		5,329
426	Kalolo	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	9	Agriculture	Agriculture	7,000		5,824
427	Kalolo	River/ Dambo	400	Every day	4	Draw Well	On foot	River/ Dambo	400	Every day	4	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Dipper	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	3	Agriculture	Agriculture	500	100	5,360
428	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot		100	Every day	4	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Skin Disease	4	Agriculture	Agriculture	18,000		7,640

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
429	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	8	Agriculture		2,000		5,900
430	Kalolo	U-p SW	250	Every day	4	Draw Well	On foot							Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea	2	Agriculture				8,279
431	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	6	Agriculture	Agriculture	3,000		8,950
449	Kalolo	U-p SW	900	Every day	4	Draw Well	On foot	U-p SW	900	Every day		Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	6	Agriculture		4,800		5,450
450	Kalolo	U-p SW	200	Every day	10	Draw Well	On foot	U-p SW	200	Every day	10	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	A dipper and a c	Sometimes	Toilet	diarrhoea and dysentery and skin disease	6	Agriculture	Agriculture	10,000	2,000	8,550
451	Kalolo	U-p SW	152	Every day	8		On foot		152	Every day	8		On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea	9	Agriculture		24,000		650
452	Kalolo	River/ Dambo	400	Every day	6	Draw Well	On foot	River/ Dambo	400	Every day	6	Draw Well	On foot	Yes	Saving Time	Never		A dipper and a c	Never	Toilet	Diarrhoea	5	Agriculture	Agriculture	2,000	1,000	1,360
453	Kalolo	U-p SW	300	Every day	4	Draw Well	On foot	U-p SW	300	Every day	4	Draw Well	On foot	Yes		Never	Bucket	Cup	Sometimes	Garden	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture	Agriculture	5,000	4,000	3,030
455	Kalolo	U-p SW	70	Every day	8		On foot							Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Dysentery	5	Agriculture		10,000		1,171
456	Kalolo		100	Every day	5		On foot		100	Every day	5		On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Agriculture	17,000		55,500
457	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5		On foot	Yes	Lighten Labour	Never		Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture	Agriculture	10,000	2,000	
458	Kalolo		100	Every day	10		On foot		100	Every day	10		On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Two Cups	Always	Toilet	Diarrhoea	11	Agriculture	Agriculture	80,000		96,500
461	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	secure quality & less expenses	Never	Bucket	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture	Agriculture	5	150	465
462	Kalolo	U-p SW	500	Every day	5	Draw Well	On foot		500	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture		10,000		4,700
463	Kalolo	U-p SW	700		8	Draw Well	On foot	U-p SW	700		8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	3	Agriculture		20,000		12,950
464	Kalolo	River/ Dambo	400	Every day	5	Draw Well	On foot	River/ Dambo	400	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Sometimes	Toilet	Eye Disease	6	Agriculture	Agriculture	8,000	1,000	25,500
465	Kalolo	River/ Dambo	100	Every day	6	Draw Well	On foot	River/ Dambo	100	Every day	6	Draw Well	On foot	Yes	Saving Time	Always	Bucket	Cup	Sometimes	Toilet	Dysentery	5	Agriculture	Agriculture	35,000	12,000	43,250
466	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot		200	Every day	4	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	Diarrhoea	6	Agriculture	Agriculture	10,000	8,000	5,110
467	Kalolo	U-p SW	50	Every day	15	Draw Well	On foot	U-p SW	50	Every day	15	Draw Well	On foot	Yes		Never		Cup	Sometimes	River	Diarrhoea and Eye Disease	5	Agriculture	Agriculture	10		11,930
468	Kalolo	River/ Dambo	350	Every day	2	Draw Well	On foot	River/ Dambo	350	Every day	2	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Sometimes	Toilet	dysentery and skindisease	9	Agriculture	Agriculture	30,000		9,600
469	Kalolo	River/ Dambo	200	Every day	3	Draw Well	On foot	River/ Dambo	200	Every day	3	Draw Well	On foot	Yes	Other	Never	Other	Cup	Sometimes	Other	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	1	Agriculture	Agriculture	6,000	1,000	9,050
470	Kalolo	River/ Dambo	200	Every day	4	Draw Well	On foot	River/ Dambo	200	Every day	4	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Cup	Always	Toilet		3	Agriculture	Agriculture	2,000	250	3,150
471	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye Disease	3	Agriculture	Agriculture	4,000	1,000	3,660
472	Kalolo	U-p SW	400	Every day	5	Draw Well	On foot	U-p SW	400	Every day		Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Typhoid	3	Agriculture		3,000	1,000	1,190
473	Kalolo	U-p SW	700	Every day	4	Draw Well	On foot	U-p SW	700	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Dysentery	5	Agriculture	Agriculture	7,000	2,000	4,500
474	Kalolo	U-p SW	100	Every day	2	Draw Well	On foot	U-p SW	100	Every day	2	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture	Agriculture	4,000	1,000	1,316
475	Kalolo	U-p SW	80	Every day	2	Draw Well	On foot	U-p SW	80	Every day	2	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Agriculture	35,000	600	2,242
476	Kalolo	U-p SW	50	Every day	4	Draw Well	On foot	U-p SW	50	Every day	4	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	9	Agriculture	Agriculture	600	400	49,625
506	Kalolo	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Two Cups		Other		5	Agriculture		18,000		2,510
507	Kalolo	U-p SW	200	Every day	8	Draw Well	On foot	U-p SW	200	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Seldom	Toilet		4	Agriculture		45,000		2,685
508	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	10	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Never	Toilet		4	Agriculture		36,000		3,579
509	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot	U-p SW	200	Every day	4	Draw Well	On foot	Yes		Never	Pot	Cup	Always	Toilet	Diarrhoea	3	Agriculture		100,000		3,200
510	Kalolo	River/ Dambo	250	Every day	2		On foot							Yes	Saving time and secure quality	Never	Pot with filter	Dipper	Always wash with soap or ash	Toilet	Dysentery	2	Agriculture		10,000		2,745
511	Kalolo	River/ Dambo	500	Every day	7		On foot							Yes	Saving time and secure quality	Never	Pot	Cup	Always	Other	Diarrhoea	8	Agriculture		80,000		20,300
512	Kalolo	U-p SW	400	Every day	7	Draw Well	On foot	U-p SW	400	Every day	7	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	8	Agriculture	Agriculture	80,000	7,000	8,040
513	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes		Never	Bucket	Cup	Always	Toilet	Diarrhoea	5	Agriculture		15,000		3,750
514	Kalolo		400	Every day	3		On foot		400	Every day	3		On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea	3			18,000		14,400
524	Kalolo	U-p SW	50	Every day	4	Draw Well	On foot	U-p SW	50	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always		Skin Disease		Agriculture		50,000		
544	Kalolo	River/ Dambo	200	Every day	3		On foot		200	Every day	3		On foot	Yes	Secure Quality	Always	Bucket	Cup	Always		Diarrhoea and Eye Disease	5	Agriculture		45,000		
556	Kalolo	River/ Dambo	500	Every day	4	Draw Well	On foot	River/ Dambo	500	Every day	4	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Dipper	Always wash with soap or ash	Toilet	Diarrhoea	10	Agriculture	Agriculture	30,000		
558	Kalolo	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	3	Agriculture		50,000		
565	Kalolo	River/ Dambo	800	Every day	7	Other	On foot	River/ Dambo	800	Every day	7	Other	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery	5	Agriculture Labourer		49,000		1,870
566	Kalolo	U-p SW	50	Every day	3	Draw Well	On foot	U-p SW	50	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	8	Agriculture		12,000		1,520
569	Kalolo	U-p SW	110	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Dysentery	2	Agriculture	Agriculture			2,400
570	Kalolo	U-p SW	250	Every day	8	Draw Well	On foot	U-p SW	25	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture	Agriculture	23,000		4,500
571	Kalolo	U-p SW	300	Every day	9	Draw Well	On foot	U-p SW	300	Every day	9	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	9	Agriculture Labourer		4,000	2,000	3,000
572	Kalolo	River/ Dambo	200	Every day	3		On foot	River/ Dambo	200	Every day	5		On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery	4	Agriculture		25,000		2,260
573	Kalolo	U-p SW	70	Every day	4	Draw Well	On foot	U-p SW	150	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	2	Agriculture				3,600
574	Kalolo	U-p SW	250	Every day	5	Draw Well	On foot	U-p SW	250	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot with filter	Dipper	Always wash with soap or ash	Toilet	Eye Disease	5	Agriculture				2,800
578	Kalolo	River/ Dambo	800	Every day	3	Other	On foot	River/ Dambo	800	Every day	5	Other	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture Labourer		9,000		670
579	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	5		Agriculture Labourer	40,000		1,525
580	Kalolo	Protected SW	50	Every day	4	Draw Well	On foot	Protected SW	50	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	dysentery and skindisease	5	Agriculture Labourer		9,000		825
581	Kalolo	U-p SW	70	Every day	6	Draw Well	On foot	U-p SW	70	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	10	Agriculture		240,000		14,250
582	Kalolo	U-p SW	200	Every day	10	Draw Well	On foot	U-p SW	200	Every day	10	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases		Agriculture		19,000		3,773
584	Kalolo	U-p SW	90	Every day	5	Draw Well	On foot	U-p SW	90	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	dysentery and skindisease	4	Agriculture Labourer		15,000		1,825
585	Kalolo	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	4	Agriculture Labourer		10,000		1,475
586	Kalolo	U-p SW	250	Every day	4	Draw Well	On foot	U-p SW	250	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	diarrhoea and dysentery	5	Agriculture Labourer		20,000		24,262
587	Kalolo	River/ Dambo	215	Every day	4	Other	On foot	River/ Dambo	215	Every day	4	Other	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Dysentery	4	Agriculture	Agriculture	25,000		10,200
588	Kalolo	River/ Dambo	150	Every day	10		On foot	River/ Dambo	150	Every day	10	Other	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	13	Agriculture	Agriculture	28,000	3,000	2,210
589	Kalolo	River/ Dambo	200	Every day	8		On foot	River/ Dambo	200	Every day	9	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture		32,000		2,375
595	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always	Toilet	dysentery and skindisease	5	Agriculture	Agriculture	7,000	1,000	6,030
596	Kalolo	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	3	Agriculture	Agriculture	20,000	5,000	7,300
597	Kalolo	U-p SW	300	Every day	7	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot	Yes	Secure Quality	Normally	Bucket	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6	Agriculture	Agriculture	20,000	1,000	1,315
598	Kalolo	River/ Dambo	300	Every day	4		On foot	River/ Dambo	300	Every day	6	Other	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery	6	Agriculture				3,995
599	Kalolo	River/ Dambo	200	Every day	6		On foot	River/ Dambo	200	Every day	6	Other	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	4	Agriculture				3,250
600	Kalolo	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease		Agriculture	Agriculture	9,000		3,670
602	Kalolo	U-p SW	70	Every day	6	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture	Agriculture	100,000	1,000	4,320
603	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	3	Agriculture		9,000		1,025
604	Kalolo	U-p SW	400	Every day	8	Draw Well	On foot	U-p SW	400		8		On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture		4,000		3,850
605	Kalolo	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	4	Agriculture	Agriculture	11,000	2,000	5,800
606	Kalolo	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	5	Agriculture	Agriculture	10,000	2,000	5,100
607	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye Disease	2	Agriculture		5,000		3,200
608	Kalolo	U-p SW	500	Every day	4	Draw Well	On foot	U-p SW	500	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	10	Agriculture		30,000		9,100
609	Kalolo		400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Dipper	Always wash with soap or ash	Garden	Diarrhoea	6	Agriculture		4,000		2,300

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
613	Kalolo	U-p SW	150	Every day	4	Draw Well	On foot	U-p SW	150	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	6	Agriculture		170,000		4,250
614	Kalolo	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	4	Agriculture		30,000		5,300
615	Kalolo	U-p SW	400	Every day	5	Draw Well	On foot	U-p SW	400	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	10	Agriculture		40,000		4,300
616	Kalolo	U-p SW	60	Every day	3	Draw Well	On foot	U-p SW	60	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture		9,000		5,400
617	Kalolo	River/ Dambo	600	Every day	4	Other	On foot	U-p SW	300	Every day	4	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	5	Agriculture	Agriculture	25,000	12,000	40,700
618	Kalolo	River/ Dambo	400	Every day	6	Other	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	5	Agriculture	Agriculture	18,000		3,300
619	Kalolo	U-p SW	700	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Dipper	Always	Toilet	Skin Disease	3	Agriculture		10,000		6,550
620	Kalolo	U-p SW	700	Every day	4	Draw Well	On foot	U-p SW	700	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Dipper	Always	Toilet	dysentery and skindisease	6	Agriculture	Merchant	40,000	4,000	14,990
621	Kalolo	U-p SW	100	Every day	8	Draw Well	On foot	Spring	700	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Dipper	Always wash with soap or ash	Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture		15,000		14,470
622	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	150	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	6	Agriculture		20,000		4,500
623	Kalolo	U-p SW	150	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	6	Agriculture		6,000		3,050
624	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	170	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Always	Pot	Dipper	Always	Toilet	Diarrhoea	6	Agriculture		15,000		5,750
631	Kalolo	U-p SW	400	Every day	5	Draw Well	On foot	U-p SW	400	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	3	Agriculture Labourer		44,000		1,580
632	Kalolo	U-p SW	150	Every day	6	Draw Well	On foot	U-p SW	150	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	4	Agriculture		49,000		2,995
633	Kalolo	U-p SW	100	Every day	4		On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	3	Agriculture		6,000		1,600
634	Kalolo	U-p SW	800	Every day	4	Draw Well	On foot	U-p SW	800	Every day	4	Draw Well	On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	5	Agriculture		5,000		2,925
635	Kalolo	U-p SW	600	Every day	4	Draw Well	On foot	U-p SW	600	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	11	Agriculture Labourer		11,000		2,750
636	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot	U-p SW	200	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	8	Agriculture		80,000		4,600
637	Kalolo	U-p SW		Every day	5	Draw Well	On foot	U-p SW		Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Other	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	8	Agriculture		180,000		6,245
638	Kalolo	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	8	Agriculture		10,000		2,380
639	Kalolo	U-p SW	900	Every day	4	Draw Well	On foot	U-p SW	900	Every day	4	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Cup	Sometimes	Toilet	Skin Disease	4	Agriculture Labourer		8,000		1,490
640	Kalolo	River/ Dambo	250	Every day	5	Other	On foot	River/ Dambo	250	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Sometimes	Garden	Dysentery, Eye disease and Skin disease	5	Agriculture Labourer	Agriculture Labourer	7,000	4,000	2,075
641	Kalolo	U-p SW	100	Every day	4		On foot	U-p SW	100	Every day	4		On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	5	Agriculture Labourer	Agriculture Labourer	80,000	6,000	1,745
645	Kalolo	U-p SW	200	Every day	4	Draw Well	On foot	Protected SW	200	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	5	Agriculture Labourer	Agriculture Labourer	144,000	5,000	20,714
646	Kalolo	U-p SW	600	Every day	6	Draw Well	On foot	U-p SW	600	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	typhoid & skin diseases	5	Agriculture Labourer	Agriculture Labourer	118,000	115,000	27,310
651	Kalolo	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	5	Agriculture Labourer		5,000		1,510
652	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	8	Agriculture Labourer		40,000		4,970
653	Kalolo	U-p SW	600	Every day	4	Draw Well	On foot	U-p SW	600	Every day	4	Draw Well	On foot			Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	6	Agriculture Labourer	Agriculture Labourer	49,000		1,675
654	Kalolo	River/ Dambo	400	Every day	6	Draw Well	On foot	U-p SW	400	Every day	6	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	3	Agriculture Labourer	Breeder	8,000	7,000	1,850
660	Kalolo	River/ Dambo	350	Every day	7	Draw Well	On foot	River/ Dambo	250	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Pot	Two Cups	Always	Toilet	Diarrhoea, eye and skin diseases	9	Agriculture	Wage Earner	1,500	15,000	3,150
664	Kalolo	River/ Dambo	600	Every day	5	Draw Well	On foot	River/ Dambo	600	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea, Cholera and Eye disease	14	Agriculture		180,000		
686	Kalolo	U-p SW	100	Every day	15	Draw Well	On foot	U-p SW	100	Every day	15	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Other	Diarrhoea and Eye Disease	8	Agriculture	Agriculture	15,000	6,000	3,746
688	Kalolo	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Bucket	Cup	Always	Toilet	Diarrhoea	10	Agriculture		20,000		4,924
691	Kalolo	River/ Dambo	200	Every day	12	Draw Well	On foot	River/ Dambo	200	Every day	12	Draw Well	On foot	Yes	Saving time and secure quality	Never	Other	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	11	Agriculture	Agriculture	7,500		4,000
692	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100			Draw Well		Yes	Secure Quality	Never	Pot with filter	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	6			21,000		4,800
693	Kalolo	U-p SW	300	Every day	8	Draw Well	On foot	U-p SW	300	Every day	8	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	4	Agriculture	Agriculture	10,000		13,100
694	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Never	Other		4	Agriculture		15,000		3,250
695	Kalolo	River/ Dambo	600	Every day	5	Draw Well	On foot	River/ Dambo	500		5		On foot	Yes		Never	Bucket	Cup	Never	Other			Agriculture		17,000		3,779
705	Kalolo	U-p SW	50	Every day	5	Draw Well	On foot	U-p SW	50	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Dysentery	9	Agriculture Labourer	Agriculture	75,000		8,690
706	Kalolo	U-p SW	90	Every day	4	Draw Well	On foot	U-p SW	90	Every day	4	Draw Well	On foot	Yes	Less Expense	Always	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture		15,000		4,050
707	Kalolo	Protected SW	200	Every day	7	Draw Well	On foot	Protected SW	200	Every day	8	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	7	Agriculture	Agriculture Labourer	15,000		6,050
708	Kalolo	U-p SW	50	Every day	9	Draw Well	On foot	U-p SW	50	Every day	9	Draw Well	On foot	Yes	Secure Quality	Never	Other	Cup	Sometimes	Toilet	Eye diseases & skin diseases	6	Agriculture	Agriculture	9,000		1,940
709	Kalolo	U-p SW	80	Every day	6	Draw Well	On foot	U-p SW	80	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Other	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	6	Agriculture	Agriculture	22,000		1,140
710	Kalolo	U-p SW	60	Every day	8	Draw Well	On foot	U-p SW	60	Every day	8	Draw Well	On foot	Yes	Secure Quality	Always	Other	Cup	Always	Toilet	dysentery and skindisease	5	Agriculture	Agriculture	50,000	5,000	7,650
711	Kalolo	U-p SW	150	Every day	3	Draw Well	On foot	U-p SW	150	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Never		Cholera	4	Agriculture		17,000		2,040
712	Kalolo	U-p SW	300	Every day	5	Draw Well	On foot	Spring	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Normally	Bucket	Cup	Always	Toilet	Eye Disease	3	Agriculture	Agriculture	40,000	2,000	2,700
713	Kalolo	Protected SW	500	Every day	15	Draw Well	On foot	Protected SW	500	Every day	15	Draw Well	On foot			Never	Pot	Two Cups	Always	Toilet	Eye diseases & skin diseases	7	Agriculture		6,000		4,600
714	Kalolo	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet			Agriculture	Agriculture	9,000		3,100
715	Kalolo	U-p SW	200	Every day	6	Draw Well	On foot	U-p SW	200	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	A dipper and a c	Always	Toilet	Diarrhoea and Skin disease	6	Agriculture	Agriculture	30,000	5,000	3,900
716	Kalolo	U-p SW	400	Every day	6	Draw Well	On foot	U-p SW	400	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	4	Agriculture	Agriculture	50,000		6,650
717	Kalolo	River/ Dambo	300	Every day	6		On foot	River/ Dambo	300	Every day			On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Civil Servant		80,000	50,758
718	Kalolo	River/ Dambo	400	Every day	6		On foot	River/ Dambo	400	Every day	6		On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Agriculture	42,000	2,000	5,208
719	Kalolo	River/ Dambo	400	Every day	5		On foot	U-p SW	400	Every day	5		On foot	Yes	saving time, lighten labour & secure quality	Never	Pot with filter	Cup	Always	Toilet	Diarrhoea		Agriculture		32,000		
720	Kalolo	U-p SW	200	Every day	4		On foot	U-p SW	200	Every day	4		On foot	Yes	Saving time and secure quality	Normally	Pot	Two Cups	Always	Toilet	dysentery and skindisease	6	Agriculture	Wage Earner	50,000	4,000	4,950
722	Kalolo	U-p SW	100	Every day	6		On foot	U-p SW	100	Every day	6		On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always	Toilet		8	Civil Servant	Agriculture	5,000		5,254
723	Kalolo	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	Saving Time	Always	Other	Cup	Sometimes	Toilet	Eye Disease	6	Agriculture	Agriculture	2,000	700	4,450
724	Kalolo	U-p SW	500	Every day	4	Draw Well	On foot	River/ Dambo	200	Every day			On foot	Yes	Secure Quality	Never	Pot	Cup	Seldom	Other	Diarrhoea	6	Agriculture	Agriculture	15,000	4,500	17,900
725	Kalolo	River/ Dambo	100	Every day	10	Draw Well	On foot	River/ Dambo	100	Every day	10	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Two Cups	Always wash with soap or ash	Toilet	Diarrhoea	4	Agriculture	Merchant	15,000	6,000	
726	Kalolo	River/ Dambo	100	Every day	10	Draw Well	On foot	River/ Dambo	100	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always	Toilet	Diarrhoea	7	Agriculture		67,000		
727	Kalolo	River/ Dambo	120	Every day	7	Draw Well	On foot	River/ Dambo	100	Every day	7	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Two Cups		Toilet	Diarrhoea	5	Agriculture		45,000		
731	Kalolo	U-p SW	200	Every day	6		On foot	U-p SW	1000	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Always wash with soap or ash	Toilet	dysentery and skindisease	7	Agriculture				
737	Kalolo	River/ Dambo	400	Every day	4		On foot	River/ Dambo	400	Every day	8		On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	8	Agriculture		40,000		29,700
738	Kalolo	River/ Dambo	600		8		On foot	River/ Dambo	600	Every day	8		On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Always	Toilet	Diarrhoea	4		Agriculture	12,000		9,400
739	Kalolo	River/ Dambo	600	Every day	10		On foot	River/ Dambo	400	Every day	10		On foot	Yes		Never	Bucket	Cup	Always	Toilet	Diarrhoea	6	Agriculture		60,000		20,850
740	Kalolo	River/ Dambo	200	Every day	5		On foot		20	Every day	5		On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease		Agriculture	Agriculture			5,400
741	Kalolo	River/ Dambo	50	Every day	10		On foot	River/ Dambo	50	Every day	10		On foot	Yes	Lighten Labour	Always	Bucket	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	8	Agriculture	Agriculture	40,000		52,400
742	Kalolo	River/ Dambo	300	Every day	4		On foot	River/ Dambo	300	Every day			On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet		4	Agriculture	Agriculture	10,000		13,300
744	Kalolo	Borehole	400	Every day	4	Draw Well	On foot	Borehole	400	Every day	4	Draw Well	On foot	Yes		Never	Pot	Cup	Sometimes	Toilet	diarrhoea and dysentery and skin disease	4	Agriculture Labourer	Other	14,000	17,000	1,260
746	Kalolo	U-p SW	50	Every day	8	Draw Well	On foot	U-p SW	50	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	4	Agriculture	Agriculture	6,700	800	20,300
747	Kalolo	U-p SW	400	Every day	6		On foot	U-p SW	400	Every day	6		On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea		Agriculture	Agriculture	15,000		28,700
748	Kalolo	U-p SW	50	Every day	10	Draw Well	On foot	U-p SW	50	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	9	Agriculture	Agriculture	15,000	2,000	13,600
749	Kalolo	River/ Dambo	200	Every day	5		On foot	River/ Dambo	200	Every day	5		On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always		Diarrhoea		Agriculture	Merchant	40,000	10,000	46,300
750	Kalolo	River/ Dambo	50	Every day	10		On foot	U-p SW	50	Every day	10		On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea		Agriculture	Civil Servant	60,000	55,200	89,500

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
751	Kalolo	River/ Dambo	150	Every day	4		On foot	River/ Dambo	150	Every day	4		On foot	Yes	saving time, lighten labour & secure quality	Always	Pot	Cup	Always	Other	Diarrhoea		Agriculture	Agriculture	200,000		59,000
752	Kalolo	River/ Dambo	500	Every day	5		On foot	River/ Dambo	500	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea		Agriculture	Agriculture	50,000		90,000
753	Kalolo	U-p SW	100	Every day	6		On foot	U-p SW	100	Every day	6		On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease		Agriculture	Agriculture	10,000		26,000
754	Kalolo	River/ Dambo	500	Every day	5		On foot	River/ Dambo	500	Every day	5		On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	Diarrhoea		Agriculture	Agriculture	20,000		35,000
743	Kalolo	Borehole	100	Every day	6	Hand Pump	On foot	Borehole	100	Every day	6	Hand Pump	On foot			Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6	Agriculture Labourer		30,000		2,400
745	Kalolo	Borehole	300	Every day	4	Hand Pump	On foot	Borehole	300	Every day	4	Hand Pump	On foot	Yes	Lighten Labour	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	10	Agriculture Labourer		18,000		3,250
755	Kalolo	Borehole	300	Every day	5	Hand Pump	On foot	Borehole	300	Every day	5		On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet		3	Agriculture	Agriculture	50,000		72,200
756	Kalolo	Borehole	500	Every day	6	Hand Pump	On foot	Borehole	500	Every day	6	Hand Pump	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet			Agriculture		17,700		57,200
757	Kalolo	Borehole	600	Every day	5	Hand Pump	On foot	Borehole	500	Every day	5	Hand Pump	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Always	Toilet		9	Agriculture	Agriculture	15,000		43,500
2	Kalolo	Borehole	300	Every day	4	Hand Pump	On foot	Borehole	300	Every day	4	Hand Pump	On foot	Yes	Saving time and secure quality	Never	Bucket	Two Cups	Sometimes	Toilet	Diarrhoea, Cholera and Eye disease	6	Agriculture Labourer	Agriculture Labourer			22,350
4	Kalolo	Borehole	500	Every day	5	Hand Pump	On foot	Borehole	500	Every day	5	Hand Pump	On foot	Yes	Saving Time	Never	Other	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	8	Agriculture	Agriculture	8,000	3,000	4,250
6	Kalolo	Borehole	300	Every day		Hand Pump	On foot	Borehole	300	Every day		Hand Pump	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Dysentery	4	Agriculture	Civil Servant	10,000	5,500	25,950
8	Kalolo	Protected SW	170	Every day	2	Hand Pump	On foot	Spring	17	Every day	6	Hand Pump	On foot		Saving Time	Always	Pot	Cup	Always	Toilet	Eye Disease	7	Agriculture	Agriculture	5,000	1,000	28,510
9	Kalolo	Protected SW	70	Every day	2	Hand Pump	On foot	Spring	10	Every day	2	Hand Pump	On foot	Yes	Saving Time	Always	Pot	Dipper	Always	Toilet	Diarrhoea	9	Agriculture	Agriculture	2,000		19,050
10	Kalolo	Borehole	100	Every day	7	Hand Pump	On foot	Borehole	100	Every day	7	Hand Pump	On foot	Yes	saving time, lighten labour & secure quality	Always	Pot	Two Cups	Always	Toilet	Skin Disease	5	Agriculture		40,000		29,300
11	Kalolo	Borehole	500	Every day	6	Hand Pump	On foot	Borehole	50	Every day	6	Hand Pump	On foot	Yes	Saving Time	Always	Pot	Two Cups	Always	Toilet	Eye Disease	5	Agriculture		60,000		25,690
12	Kalolo	Borehole	100	Every day	7	Hand Pump	On foot	Borehole	100	Every day	17	Hand Pump	On foot	Yes	Saving Time	Always	Pot	Two Cups	Always	Toilet	Diarrhoea, Cholera and Eye disease	6	Agriculture		10,000		25,120
20	Kalolo	Borehole	400	Every day	2	Hand Pump	On foot	Borehole	400	Every day	2	Hand Pump	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery	7	Agriculture	Merchant	2,000	2,000	1,670
21	Kalolo	U-p SW	1000	Every day	6	Draw Well	Bicycle	U-p SW	1000	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Never	Toilet	cholera and eye disease	6	Agriculture Labourer	Breeder	70,000	21,000	46,450
23	Kalolo	Protected SW	300	Every day	15	Draw Well	On foot	U-p SW	300	Every day	15	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	dysentery and skindisease	6	Agriculture	Agriculture	10,000		2,200
49	Kalolo	Borehole		Every day	4	Hand Pump	On foot	Borehole		Every day	4	Hand Pump	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet			Agriculture	Merchant	26,500	20,000	7,600
57	Kalolo	Borehole	100	Every day	2	Hand Pump	On foot	Borehole	100	Every day	2	Hand Pump	On foot	Yes		Never	Pot with filter	Two Cups	Sometimes	Toilet	Dysentery, Eye disease and Skin disease		Agriculture	Merchant	11,000	1,500	
58	Kalolo	Borehole	250	Every day	3	Hand Pump	On foot	Borehole	250	Every day	3	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Cup	Sometimes	Toilet	Skin Disease		Agriculture	Merchant	7,500	15,000	
60	Kalolo	Borehole	300	Every day	2	Hand Pump	On foot	Borehole	300	Every day	3	Hand Pump	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Eye Disease		Agriculture		8,250		
75	Kalolo	Borehole	500	Every day		Hand Pump	On foot	Borehole	500	Every day		Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	Skin Disease		Agriculture	Merchant	18,000	1,500	4,650
97	Kalolo	Borehole	100	Every day		Hand Pump	On foot	Borehole	100	Every day		Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Skin Disease	6	Agriculture				
106	Kalolo	U-p SW	400	Every day	6	Draw Well	On foot	U-p SW	400	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Dipper	Always	Toilet	Diarrhoea and Eye Disease	8	Agriculture	Agriculture	2,000	4,000	20,040
126	Kalolo	Borehole	50	Every day	6	Hand Pump	On foot							Yes	Saving Time	Always	Bucket	Cup	Always	Toilet	dysentery and skindisease	6	Agriculture		9,000		17,850
127	Kalolo	Borehole	150	Every day	4	Hand Pump	On foot							Yes	Saving Time	Never	Bucket	Cup	Always	Toilet	Eye Disease	4	Agriculture		35,000		49,150
128	Kalolo	Borehole		Every day	6	Hand Pump	On foot							Yes	Saving Time	Never	Bucket	Cup	Always	Toilet	Skin Disease	7	Agriculture		4,000		7,775
352	Kalolo	Borehole	100	Every day	4	Hand Pump	On foot	Borehole	100	Every day	4	Hand Pump	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Always	Toilet	Diarrhoea	3	Agriculture	Other	5,000		1,150
353	Kalolo	Borehole	100	Every day	5	Hand Pump	On foot	Borehole	100	Every day	5	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Cup	Always	Toilet	Eye Disease	3	Agriculture		15,000		4,430
354	Kalolo	Borehole	50	Every day	9	Hand Pump	On foot	Borehole	50	Every day	9	Hand Pump	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Always	Toilet	Cholera	4	Agriculture		5,000		1,150
358	Kalolo	Borehole	500	Every day	4	Hand Pump	On foot	Borehole	500	Every day	4	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	4	Agriculture Labourer		15,000		15,700
359	Kalolo	Borehole	100	Every day	5	Hand Pump	On foot	Borehole	100	Every day	5	Hand Pump	On foot	Yes		Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea	3	Agriculture Labourer	Agriculture	15,000		7,325
363	Kalolo	U-p SW	500	Every day	5	Hand Pump	On foot	U-p SW	500	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	3	Agriculture	Agriculture	15,000		33,818
370	Kalolo	Borehole	600	Every day	5	Hand Pump	On foot	Borehole	500	Every day	5	Hand Pump	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea		Agriculture		20,000		
382	Kalolo	Borehole	1000	Every day	10	Hand Pump	On foot	Borehole			10		On foot	Yes	Saving Time	Never	Pot	Two Cups	Always	Toilet		8	Agriculture		12,000		3,200
390	Kalolo	Borehole	200	Every day	9	Hand Pump	On foot	Borehole	200	Every day	9	Hand Pump	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Two Cups	Always	Toilet		4			96,000	96,000	242,200
391	Kalolo	Borehole	200	Every day	7	Hand Pump	On foot	Borehole	200	Every day	7	Hand Pump	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Agriculture	70,000		104,800
393	Kalolo	Borehole	200	Every day	7	Hand Pump	On foot	River/ Dambo	200	Every day	7	Hand Pump	On foot	Yes	Lighten Labour	Never		Cup	Sometimes	Toilet	Diarrhoea	7	Agriculture	Agriculture	2,000	1,500	3,060
407	Kalolo	Borehole	800	Every day	6	Hand Pump	On foot	U-p SW	800	Every day	6	Hand Pump	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	8	Agriculture	Agriculture	20,000		21,970
408	Kalolo	Borehole	200	Every day	11	Hand Pump	On foot	Borehole	200	Every day	11	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Skin Disease	9	Agriculture	Agriculture	125,000		23,400
409	Kalolo	Borehole	500	Every day	5	Hand Pump	On foot	Borehole	500	Every day	5	Hand Pump	On foot	Yes	Saving Time	Always	Pot	Cup	Always wash with soap or ash	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	12	Agriculture	Agriculture	100,000		17,800
410	Kalolo	Borehole	200	Every day	8	Hand Pump	On foot	Borehole	200	Every day	8	Hand Pump	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Sometimes	Toilet	Eye diseases & skin diseases		Agriculture	Agriculture	19,000		7,420
414	Kalolo	Borehole	100	Every day	10	Hand Pump	On foot	Borehole	100	Every day	10	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Cup	Sometimes	Toilet		10	Agriculture	Agriculture	22,000		13,450
415	Kalolo	Borehole	100	Every day	5	Hand Pump	On foot	Borehole	100	Every day	5	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea	5	Agriculture	Agriculture	3,500		5,360
454	Kalolo	Borehole	70	Every day	6	Hand Pump	On foot							Yes	Saving Time	Normally	Pot with filter	Two Cups	Always wash with soap or ash	Toilet		3	Agriculture	Merchant	30,000		33,800
543	Kalolo	Borehole	70	Every day	6	Hand Pump	On foot							Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	8	Agriculture		50,000		21,700
545	Kalolo	Borehole	40	Every day	7	Hand Pump	On foot		40	Every day	7	Hand Pump	On foot	Yes	Lighten Labour	Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture		15,000		
557	Kalolo	Borehole	300	Every day	3	Hand Pump	On foot							Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	Eye Disease	7	Agriculture		50,000		14,680
559	Kalolo	Borehole	200	Every day	7	Hand Pump	On foot	Borehole	200	Every day	7	Hand Pump	On foot	Yes	Lighten Labour	Normally	Pot	Two Cups	Always	Toilet		5	Agriculture	Breeder	50,000	15,000	17,000
561	Kalolo	Borehole	400	Every day	3	Hand Pump	On foot	Borehole	400	Every day	3	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Cup	Always	Toilet		3	Agriculture		7,500		4,700
583	Kalolo	Borehole	250	Every day	4	Hand Pump	On foot	Borehole	250	Every day	6	Draw Well	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	12	Agriculture		21,000		14,980
703	Kalolo	Borehole	400	Every day	10	Hand Pump	On foot	Borehole	400	Every day	10	Hand Pump	On foot			Never	Pot with filter	Cup	Sometimes	Toilet	Diarrhoea	6	Agriculture	Agriculture	20,000	2,000	
704	Kalolo	U-p SW	100	Every day	5	Hand Pump	On foot	Borehole	100	Every day	5	Hand Pump	On foot	Yes	Less Expense	Never	Bucket	Cup	Sometimes	Other	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture	Agriculture	30,000	10,000	9,620
721	Kalolo	U-p SW	70	Every day	6	Hand Pump	On foot	Borehole	70	Every day	6	Hand Pump	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Merchant	15,000	7,000	4,100
79	Kalolo	U-p SW	60	Every day	6	Draw Well	On foot	U-p SW	60	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always wash with soap or ash	Toilet	Skin Disease	9	Agriculture	Agriculture		15,000	31,145
92	Kalolo	River/ Dambo	105	Every day	2	Draw Well	On foot	River/ Dambo	105	Every day	2	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Skin Disease	3	Agriculture		3,000		1,875
93	Kalolo	River/ Dambo	125	Every day	4	Draw Well	On foot	River/ Dambo	125	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	Skin Disease	12	Agriculture				9,460
17	Kalolo	River/ Dambo	100	Every day	10		On foot	Protected SW	70	Every day	4	Draw Well	Bicycle	Yes	Saving Time	Never	Pot	Cup	Always wash with soap or ash	Toilet	Dysentery	5	Agriculture	Agriculture Labourer	9,000	5,000	1,750
18	Kalolo	U-p SW	60	Every day	3	Draw Well	On foot	River/ Dambo	25	Every day	3		On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Skin Disease	4	Agriculture	Civil Servant			930
19	Kalolo	Borehole	300	Every day		Hand Pump	On foot	Borehole	300	Every day		Hand Pump		Yes	Other	Always	Pot	Cup	Always	Toilet	diarrhoea and dysentery	6	Agriculture		30,000		11,250
648	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Eye Disease	3	Civil Servant		8,000		3,475
649	Kalolo	U-p SW	200	Every day	6	Draw Well	On foot	U-p SW	200	Every day	6	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Cup	Sometimes	Toilet	Eye Disease	6	Agriculture Labourer		300,000		2,950
650	Kalolo	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	4	Agriculture Labourer	Agriculture Labourer	10,000	5,000	2,025
642	Kalolo	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes		Never	Pot	Cup	Always	Garden	Diarrhoea, eye and skin diseases	4	Agriculture Labourer	Agriculture Labourer	8,000	6,000	1,190
643	Kalolo	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	4	Agriculture Labourer	Agriculture Labourer	30,000	15,000	2,175
644	Kalolo	U-p SW	500	Every day	6	Draw Well	On foot	U-p SW	500	Every day	6	Draw Well	On foot	Yes	secure quality & less expenses	Never	Pot	Cup	Sometimes	Garden	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	14	Agriculture Labourer		45,000		3,560
797	Kalolo	Borehole	100	Every day	4	Hand Pump	On foot	Borehole	100	Every day	4	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	2	Agriculture	Agriculture	20,000		7,020
798	Kalolo	U-p SW	300	Every day	4	Draw Well	On foot	U-p SW	300	Every day	4	Draw Well	On foot		Secure Quality	Never	Bucket	Cup	Never	Toilet			Agriculture		20,000		
0	Khongoni	River/ Dambo	1000	Every day	5		On foot	River/ Dambo	1000	Every day	5		On foot	Yes	Saving time and secure quality	Always	Pot with filter	Dipper	Always	Toilet	Diarrhoea	7	Agriculture	Merchant	14,000		
81	Khongoni	U-p SW	60	Every day		Draw Well	On foot	U-p SW	60	Every day		Draw Well	On foot	Yes		Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	8	Agriculture		20,000		17,150
82	Khongoni	U-p SW	60	Every day	2	Draw Well	On foot	U-p SW	60	Every day		Draw Well	On foot			Never	Bucket	Cup	Always	Toilet	cholera and eye disease	3	Agriculture		10,000		6,325
83	Khongoni	U-p SW	400	Every day		Draw Well	On foot	U-p SW	40	Every day		Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	10	Agriculture		20,000		18,750

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
89	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	30	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	2	Agriculture	Agriculture	5,000	3,000	
90	Khongoni	U-p SW	200	Every day	2	Draw Well	On foot	U-p SW	200	Every day	2	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Eye Disease	2			10,000	8,000	
91	Khongoni	U-p SW	500	Every day	5	Draw Well	On foot	U-p SW	500	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always wash with soap or ash	Toilet	cholera and eye disease	6			18,000	1,000	
101	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	13	Agriculture Labourer	Other	10,000	1,000	15,075
102	Khongoni	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	10	Agriculture Labourer	Other	6,000	7,000	14,590
110	Khongoni	River/ Dambo	125	Every day	4	Draw Well	On foot		170	Every day	6	Hand Pump	On foot	Yes		Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	6	Agriculture		16,000		1,070
112	Khongoni	River/ Dambo	90	Every day	5		On foot	Borehole	100	Every day	6	Hand Pump	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	dysentery and skindisease	7	Agriculture		280,000		4,775
114	Khongoni	Other	600	Every day	15	Draw Well	On foot	Other	6	Every day	15	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always	Toilet	Diarrhoea and Eye Disease	6	Agriculture		11,000		
115	Khongoni	Other	200	Every day	5	Draw Well	On foot	River/ Dambo	200	Every day	5	Draw Well	On foot	Yes	Saving Time	Normally	Pot with filter	Two Cups	Sometimes	Toilet	Diarrhoea and Eye Disease	11	Agriculture	Merchant	7,000	15,000	
116	Khongoni	Other	100	Every day	3	Draw Well	On foot	River/ Dambo	1000	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Sometimes	Other	Dysentery, Eye disease and Skin disease	2	Agriculture				
118	Khongoni	U-p SW	100	Every day	7	Draw Well	On foot							Yes	Secure Quality	Never	Bucket	Cup	Always	Other	Eye Disease	4	Agriculture		20,000		2,940
120	Khongoni	Other	50	Every day	3	Draw Well	On foot	Other	50	Every day	1	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Always wash with soap or ash	Garden	Skin Disease	6	Agriculture	Merchant	500	800	
121	Khongoni	Other	70	Every day	3	Draw Well	On foot	Other	100	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Sometimes	Toilet		2	Agriculture	Merchant	7,000	7,000	
122	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes		Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	2	Agriculture	Agriculture	5,000		490
123	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot							Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	typhoid & skin diseases	7	Agriculture		20,000		9,300
124	Khongoni	U-p SW	400	Every day	5	Draw Well	On foot	Other	400	Every day	3	Draw Well	On foot	Yes	Saving Time	Never		Cup	Never	Toilet	Diarrhoea and Eye Disease	2	Agriculture	Agriculture	2,000	24,000	
135	Khongoni	Other	100	Every day	10	Draw Well	On foot	Other	100	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Dysentery, Eye disease and Skin disease	10	Agriculture		24,000		
136	Khongoni	Other	200	Every day	3	Draw Well	On foot	Other	200	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Seldom	Toilet	Diarrhoea and Skin disease	7	Agriculture		10,000		
137	Khongoni	River/ Dambo	500	Every day	6	Draw Well	On foot	River/ Dambo	500	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Eye Disease	4	Agriculture	Other	10	10	
138	Khongoni	River/ Dambo	400	Every day	6	Draw Well	On foot	River/ Dambo	400	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Sometimes	Toilet	Dysentery	11	Agriculture		1,500		
145	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	5	Agriculture	Agriculture	10,000	200	1,880
146	Khongoni	U-p SW	100	Every day	8	Draw Well	On foot	U-p SW	100	Every day	8	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	8	Agriculture	Agriculture	5,000	200	2,760
147	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	9	Agriculture	Agriculture	15,000	200	2,000
148	Khongoni	U-p SW	300	Every day	3	Draw Well	On foot	U-p SW	300	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye Disease	5	Agriculture	Agriculture	3,000	200	2,950
149	Khongoni	U-p SW	600	Every day	4	Draw Well	On foot	U-p SW	600	Every day	4	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always		Diarrhoea	5	Agriculture		10,000		
150	Khongoni	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Eye Disease	5	Agriculture	Agriculture	22,000	400	
151	Khongoni	U-p SW	300	Every day	5		On foot		30	Every day	7		On foot	Yes	Secure Quality	Never	Pot	Cup	Never	Garden	Diarrhoea and Eye Disease	7	Agriculture		20,000	3,000	7,845
152	Khongoni	U-p SW	400	Every day	9	Draw Well	On foot		4	Every day	9		On foot	Yes	Less Expense	Always		Two Cups	Always	Toilet	Diarrhoea and Eye Disease	8	Agriculture	Merchant	20,000	2,000	52,355
153	Khongoni	U-p SW	250	Every day	6		On foot	U-p SW	25	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Never	Toilet	Diarrhoea and Eye Disease	5	Agriculture		15,000		5,850
154	Khongoni	U-p SW	250	Every day	4	Draw Well	On foot	Protected SW	30	Every day	4			Yes	Secure Quality	Never	Pot	Cup	Always	Garden	Eye Disease	4	Agriculture		8,000	2,000	2,540
155	Khongoni	U-p SW	150	Every day	4	Draw Well	On foot	U-p SW	15	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Garden	Diarrhoea and Eye Disease	4	Agriculture		500		5,565
156	Khongoni	River/ Dambo	200	Every day	6	Draw Well	On foot		200	Every day	6	Draw Well	On foot	Yes		Never	Pot	Two Cups	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture		55,000	15,000	52,850
157	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Dysentery, Eye disease and Skin disease		Agriculture		15,000		
158	Khongoni	U-p SW	300	Every day	10	Draw Well	On foot	U-p SW	300	Every day	10	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Two Cups	Never	Toilet	dysentery and skindisease	11	Agriculture	Agriculture	180	20,000	
159	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	20	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Skin disease	11	Agriculture		87		
160	Khongoni	U-p SW	200	Every day	4	Draw Well	On foot	U-p SW	200	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Two Cups	Never	Toilet	Diarrhoea and Skin disease	6	Agriculture	Merchant	30,000	19	
161	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye Disease	5	Agriculture	Agriculture	10,000	1,000	
162	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5		On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Eye Disease	5	Agriculture	Agriculture	8,000	200	
163	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot with filter	Cup	Always	Toilet		5	Agriculture	Agriculture	10,000	1,000	
164	Khongoni	U-p SW	400	Every day	10	Draw Well	On foot	U-p SW	400	Every day	10	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup		Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture	Agriculture	25,000	400	
165	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye Disease		Agriculture	Agriculture	10,000	4,000	
166	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Two Cups	Never	Toilet	dysentery and skindisease	9	Agriculture		8,000	300	
167	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot with filter	Cup	Always	Toilet		7	Agriculture	Agriculture	5,000	1,000	
168	Khongoni	U-p SW	300	Every day	4	Draw Well	On foot	U-p SW	300	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Dipper	Sometimes	Toilet	Eye Disease	7	Agriculture	Wage Earner		5,000	1,130
169	Khongoni	U-p SW	200	Every day	8	Draw Well	On foot	U-p SW	200	Every day	8		On foot	Yes	Secure Quality	Normally	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6	Agriculture		80,000		7,160
170	Khongoni	Other	100	Every day	5	Draw Well	On foot	Other	100	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	5	Agriculture	Merchant	11,000	9,000	
171	Khongoni	U-p SW	300	Every day	2	Draw Well	On foot	U-p SW	30	Every day	2	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	dysentery and skindisease	9	Agriculture	Agriculture	12,000	300	
172	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	6	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet	Eye Disease	3	Agriculture		80,000		
173	Khongoni	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW		Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Dipper		Toilet	Eye diseases & skin diseases	8	Agriculture	Agriculture	18,000	400	
174	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	4	Agriculture	Agriculture	30,000	200	
175	Khongoni	Borehole	100	Every day	10		On foot	Borehole	100	Every day	10		On foot	Yes	Saving time and secure quality	Never	Pot with filter	Cup	Always	Toilet			Agriculture	Agriculture	30,000		
176	Khongoni	River/ Dambo	900	Every day	3	Draw Well	On foot	River/ Dambo	900	Every day	3	Draw Well	On foot	Yes	Saving Time	Always	Pot with filter	Cup	Always wash with soap or ash			7	Agriculture		4,550		
180	Khongoni	Borehole	100	Every day	10	Draw Well	On foot	River/ Dambo	100	Every day	10	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea		Agriculture	Agriculture	42,000		
184	Khongoni	River/ Dambo	200	Every day	3	Draw Well	On foot	River/ Dambo	200	Every day	3	Draw Well	On foot	Yes		Normally	Pot with filter	Cup	Always	Toilet	dysentery and skindisease	8	Agriculture		5,000		
185	Khongoni	River/ Dambo	600	Every day	4	Draw Well	On foot	River/ Dambo	600	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Skin disease	4	Agriculture		13,000		
186	Khongoni	River/ Dambo	100	Every day	2	Draw Well	On foot	River/ Dambo	100	Every day	2	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Always wash with soap or ash	Toilet	Skin Disease	3	Agriculture		9,000		
187	Khongoni	River/ Dambo	200	Every day	5	Draw Well	On foot	River/ Dambo	200	Every day	5	Draw Well	On foot	Yes		Normally	Pot with filter	Two Cups	Never	Toilet	Diarrhoea, Cholera and Eye disease	8	Agriculture	Agriculture	5,000		
188	Khongoni	River/ Dambo	500	Every day	4	Draw Well	On foot	River/ Dambo	500	Every day	4	Draw Well	On foot	Yes		Never	Pot with filter	Two Cups	Never	Toilet	dysentery and skindisease	12	Agriculture		30,000		
189	Khongoni	River/ Dambo	600	Every day	3	Draw Well	On foot	River/ Dambo	600	Every day	3	Draw Well	On foot	Yes	Saving Time	Always	Pot with filter	Cup	Always wash with soap or ash	Toilet	dysentery and skindisease	6	Agriculture		5,000		
190	Khongoni	River/ Dambo	700	Every day	10	Draw Well	On foot	River/ Dambo	700	Every day	10	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Never	Toilet	cholera and eye disease	12	Agriculture				
191	Khongoni	River/ Dambo	300	Every day		Draw Well	On foot	River/ Dambo	300	Every day		Draw Well	On foot	Yes		Normally	Bucket	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	8		Agriculture	1,000		
192	Khongoni	River/ Dambo	800	Every day	6	Other	On foot							Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	10	Agriculture		30,000		
194	Khongoni	River/ Dambo	700	Every day		Other	On foot	River/ Dambo	700	Every day		Other	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	3	Agriculture		10,000		
195	Khongoni	U-p SW	100	Every day	10	Draw Well	On foot							Yes	saving time, lighten labour & secure quality	Normally	Bucket	Cup	Always	Toilet	Diarrhoea and Skin disease	9	Agriculture		30,000		
196	Khongoni	U-p SW	700	Every day	5	Draw Well	On foot	U-p SW	700	Every day	5	Draw Well	On foot	Yes		Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery	8	Agriculture		19,000		4,370
197	Khongoni	U-p SW	800		5	Draw Well	On foot	U-p SW	800			Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture		28,000		3,750
198	Khongoni	U-p SW	900	Every day	4	Draw Well	On foot	U-p SW	900	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet		4	Agriculture		1,000		1,060
199	Khongoni	U-p SW	900	Every day	4	Draw Well	On foot	U-p SW	900	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Wage Earner			1,150
200	Khongoni	U-p SW	400	Every day	5	Draw Well	On foot	U-p SW	40	Every day	5	Draw Well	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	5	Agriculture	Agriculture	20,000	1,000	
201	Khongoni	U-p SW	150	Every day	6		On foot	U-p SW	15	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Always	Toilet	Eye diseases & skin diseases	4	Agriculture	Wage Earner	1,800	18,000	
202	Khongoni	Protected SW	500	Every day	10	Draw Well	On foot	U-p SW	5	Every day	10	Hand Pump	On foot			Never	Pot	Cup	Always	Toilet	Eye Disease	3	Agriculture		36,000		
203	Khongoni	River/ Dambo	200	Every day	2	Draw Well	On foot	River/ Dambo	200	Every day	2	Hand Pump	On foot	Yes	Saving Time	Normally	Bucket	A dipper and a c	Always	Garden	Diarrhoea	6	Agriculture		2,500	6,000	
204	Khongoni	River/ Dambo	300	Every day	3	Draw Well	On foot	River/ Dambo	300	Every day	3	Draw Well		Yes	Saving Time	Always	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture	Agriculture	10,000	2,000	
205	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Diarrhoea	6	Agriculture	Agriculture	40,000		
206	Khongoni	Borehole	100	Every day	3	Draw Well	On foot	Borehole	100	Every day	3	Motor Pump	On foot	Yes		Always	Bucket	Cup	Always wash with soap or ash	Garden	Eye Disease	2	Agriculture	Agriculture	300	100	
207	Khongoni	River/ Dambo	200	Every day	5	Draw Well	On foot	River/ Dambo	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Garden		12	Agriculture	Agriculture	6,000	500	
208	Khongoni	River/ Dambo	100	Every day	5	Draw Well	On foot	River/ Dambo	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture	Agriculture	1,000	100	
209	Khongoni	Protected SW	200	Every day	3	Draw Well	On foot	Protected SW	200	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye Disease	4	Agriculture	Agriculture	1,000	200	
210	Khongoni	Borehole	100	Every day	2	Draw Well		Borehole	100	Every day	2	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye Disease	2			1,000	100	
211	Khongoni	River/ Dambo	100	Every day	8		On foot	River/ Dambo	100		8		On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Garden	Eye diseases & skin diseases	6			1,000	100	
213	Khongoni	U-p SW	100	Every day	3	Draw Well	On foot				3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always	Toilet	Diarrhoea	5	Agriculture	Wage Earner	15,000	12,000	
214	Khongoni		50	Every day	10		On foot							Yes	Secure Quality	Never	Pot	Cup	Always	Garden	Diarrhoea	5	Agriculture	Wage Earner	4,000	5,000	

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
218	Khongoni	U-p SW	500	Every day	3	Draw Well	On foot							Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Cholera	5	Agriculture	Agriculture	10,000	2,000	2,800
219	Khongoni	U-p SW	50	Every day	8	Draw Well	On foot							Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Skin Disease	5	Agriculture	Agriculture	21,000	10,000	4,700
220	Khongoni	U-p SW	150	Every day	13	Draw Well	On foot							Yes	Secure Quality	Never	Bucket	Cup	Always	Garden	Skin Disease	2	Agriculture		2,000		2,250
221	Khongoni	U-p SW	400	Every day	6	Draw Well	On foot							Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	4	Agriculture		15,000		
222	Khongoni	River/ Dambo	500	Every day	3	Motor Pump	On foot							Yes	Secure Quality	Always	Pot	Two Cups	Always	Toilet	Typhoid	9	Agriculture	Agriculture	9,000	12,000	9,000
226	Khongoni	U-p SW	110	Every day	6	Draw Well	On foot						On foot	Yes	Lighten Labour	Normally	Pot	Cup	Always	Toilet	Skin Disease	4	Agriculture	Merchant	3,000	18,900	2,010
227	Khongoni	U-p SW	300	Every day	4	Draw Well	On foot	U-p SW	300	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always wash with soap or ash	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture		6,000		
228	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	4	Agriculture	Agriculture Labourer	9,000	2,000	3,945
231	Khongoni	River/ Dambo	300	Every day	5	Draw Well	On foot	River/ Dambo	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Two Cups	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture	Agriculture	70,000	6,000	12,662
232	Khongoni	River/ Dambo	220	Every day	5	Draw Well	On foot	River/ Dambo	220	Every day	5	Draw Well	On foot	Yes	Saving Time	Always	Bucket	Two Cups	Always wash with soap or ash	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture	Agriculture	8,000	21,000	21,475
234	Khongoni	U-p SW	700	Every day	4	Draw Well	On foot	U-p SW	7	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always wash with soap or ash	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture		2,000	1,000	6,850
235	Khongoni	River/ Dambo	100	Every day	3	Draw Well	On foot	River/ Dambo	100	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Dipper	Always	Garden	cholera and eye disease	7	Agriculture		500	2,000	3,255
236	Khongoni	U-p SW	60	Every day	7	Draw Well	On foot	U-p SW	60	Every day	7	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Garden	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6		Agriculture	50,000	35,000	17,660
237	Khongoni	River/ Dambo	200	Every day	2	Draw Well	On foot	River/ Dambo	200	Every day	2	Draw Well	On foot	Yes		Always	Pot with filter	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	6	Agriculture	Agriculture		5,000	6,250
239	Khongoni	U-p SW	100	Every day	12		On foot	U-p SW	10	Every day	12	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Two Cups	Always wash with soap or ash	Toilet	Diarrhoea, Cholera and Eye disease	14	Agriculture		250,000		80,700
240	Khongoni	River/ Dambo	200	Every day	3	Draw Well	On foot	River/ Dambo	200	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Dipper	Always	Toilet	Diarrhoea	4	Agriculture		9,000	8,000	13,063
241	Khongoni	River/ Dambo	400	Every day	4		On foot	River/ Dambo	400	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Dipper	Always wash with soap or ash	Toilet	Cholera	6	Agriculture		30,000		10,972
242	Khongoni	River/ Dambo	200	Every day	5	Draw Well	On foot	River/ Dambo	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always	Toilet	Eye Disease	6	Agriculture		8,000	12,000	15,440
244	Khongoni	Protected SW	100	Every day	3	Draw Well	On foot	Protected SW	100	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet		6	Agriculture	Agriculture	8,000	200	
246	Khongoni	Protected SW	150	Every day	4	Draw Well	On foot	Protected SW	15	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	8	Agriculture	Agriculture	10,000	500	
247	Khongoni	Protected SW	150	Every day	3	Draw Well	On foot	Protected SW	15	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet		4	Agriculture	Agriculture	5,000	200	
248	Khongoni	Protected SW	100	Every day	6	Draw Well	On foot	Protected SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	9	Agriculture	Agriculture	6,000	1,000	
249	Khongoni	U-p SW	500	Every day	5	Draw Well	On foot	U-p SW	500	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Dipper	Always	Toilet	Dysentery, Eye disease and Skin disease	8	Agriculture	Merchant		4,000	
250	Khongoni	River/ Dambo	700	Every day	5	Draw Well	On foot	River/ Dambo	700	Every day	5	Draw Well	On foot	Yes	Saving Time	Always	Pot	Cup	Sometimes	Toilet	Eye Disease	8	Agriculture	Merchant	20,000		11,950
251	Khongoni	River/ Dambo	300	Every day	10	Draw Well	On foot	River/ Dambo	300	Every day	10	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	River	Diarrhoea and Eye Disease	4	Agriculture		7,000		4,160
252	Khongoni	River/ Dambo	500	Every day	10		On foot		500	Every day	10		On foot			Always	Pot with filter	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture		1,000		1,200
253	Khongoni	River/ Dambo	300	Every day	6	Draw Well	On foot	River/ Dambo	300	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Two Cups	Always wash with soap or ash	Toilet	dysentery and skindisease	5	Agriculture		18,000		
254	Khongoni	River/ Dambo	600	Every day	10		On foot	River/ Dambo	600	Every day	10		On foot	Yes	Saving Time	Always	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Skin disease	4	Agriculture		13,000		
255	Khongoni	U-p SW	200	Every day	10	Draw Well	On foot	U-p SW	200	Every day	10	Draw Well	On foot	Yes	Saving Time	Always	Bucket	Two Cups	Always wash with soap or ash		Eye Disease	6	Agriculture	Agriculture Labourer	2,000	4,000	
256	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	10	Every day	4	Draw Well	On foot			Never	Pot	Cup	Always	Toilet	Dysentery	8	Agriculture		28,000		5,150
257	Khongoni	U-p SW	500	Every day	6	Draw Well	On foot	U-p SW	500	Every day	6	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	3	Agriculture		5,000		950
258	Khongoni	U-p SW	200	Every day	7	Draw Well	On foot	U-p SW	200	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea	5	Agriculture		10,000		4,650
259	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes		Never	Pot	Cup	Always	Toilet	Diarrhoea	3	Agriculture		15,000		3,100
260	Khongoni	U-p SW	100	Every day	12	Draw Well	On foot	U-p SW	10	Every day	12	Draw Well	On foot	Yes		Never	Bucket	Cup	Always	Toilet	Skin Disease	7	Agriculture	Agriculture	8,000		3,550
261	Khongoni	River/ Dambo	700	Every day	4	Draw Well	On foot	River/ Dambo	700	Every day	4	Draw Well	On foot	Yes	Saving Time	Normally	Bucket	Cup	Never		Eye Disease	4	Agriculture	Merchant	10,000	800	2,490
262	Khongoni	River/ Dambo	100	Every day	3		On foot	River/ Dambo	60	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture	Merchant	27,000	700	8,345
263	Khongoni	U-p SW	900	Every day	4	Draw Well	On foot	U-p SW	900		4	Draw Well	On foot	Yes	Saving Time	Never	Pot	Dipper	Sometimes		diarrhoea and dysentery and skin disease	8	Agriculture		3,000		1,110
264	Khongoni	U-p SW	900	Every day	5	Draw Well	On foot	U-p SW	900	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	3	Agriculture		64,000		1,880
267	Khongoni	U-p SW	400	Every day	5	Draw Well	On foot	U-p SW	400	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	5			12,000		1,315
268	Khongoni	U-p SW	500	Every day	6	Draw Well	On foot	U-p SW	500	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Dipper	Sometimes	Toilet	Diarrhoea	5	Agriculture		21,000		1,215
269	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet	diarrhoea and dysentery	4	Agriculture		21,000		1,274
270	Khongoni	U-p SW	600	Every day	8	Draw Well	On foot	U-p SW	600	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	3			11,000		1,335
271	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot with filter	Cup	Sometimes	Toilet	Diarrhoea	4	Agriculture		40,000		1,650
272	Khongoni	U-p SW	50	Every day	3	Draw Well	On foot	U-p SW	50	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	8	Agriculture		15,000		
273	Khongoni	River/ Dambo	1000	Every day	3	Draw Well	On foot	River/ Dambo	1000	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never		Diarrhoea	3	Agriculture		5,000		
274	Khongoni	U-p SW	100	Every day	7	Draw Well	On foot	River/ Dambo	10	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Diarrhoea and Eye Disease	10	Agriculture		25,000		
275	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Diarrhoea and Eye Disease	7	Agriculture				
276	Khongoni	River/ Dambo	1200	Every day	2	Draw Well	On foot	River/ Dambo	1200	Every day	2	Draw Well	On foot	Yes	Saving Time	Normally	Pot with filter	Cup	Never	Toilet	Diarrhoea and Eye Disease	6	Agriculture		4,000		
277	Khongoni	River/ Dambo	1000	Every day	5	Draw Well	On foot	River/ Dambo	1000	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always wash with soap or ash	Toilet	Dysentery, Eye disease and Skin disease	6	Agriculture				
278	Khongoni	River/ Dambo	400	Every day	7	Draw Well	On foot	River/ Dambo	400	Every day	7	Draw Well	On foot	Yes		Normally	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Eye Disease	5	Agriculture		40,000		
279	Khongoni	River/ Dambo	300	Every day	3	Draw Well	On foot	River/ Dambo	300	Every day	3	Draw Well	On foot	Yes		Never	Bucket	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Eye Disease	2	Agriculture		9,000	9,000	
280	Khongoni	River/ Dambo	600	Every day	4	Draw Well	On foot	River/ Dambo	600	Every day	4	Draw Well	On foot	Yes		Never	Pot with filter	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Eye Disease	5	Agriculture		15,000		
281	Khongoni	River/ Dambo	800	Every day	3	Draw Well	On foot	River/ Dambo	800	Every day	3	Draw Well	On foot	Yes		Never	Pot with filter	Cup	Never	Toilet	Diarrhoea and Eye Disease	6	Agriculture		10,000		
283	Khongoni	River/ Dambo	1000	Every day	4	Draw Well	On foot	River/ Dambo	1000	Every day	4	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Never	Toilet	Diarrhoea and Eye Disease	4	Agriculture		12,000		
284	Khongoni	River/ Dambo	400	Every day	3	Draw Well	On foot	River/ Dambo	400	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always wash with soap or ash		diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture		4,000		
285	Khongoni	River/ Dambo	100	Every day	10	Draw Well	On foot	River/ Dambo	100	Every day	10	Draw Well	On foot	Yes	Saving Time	Never	Pot	Dipper	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture	Agriculture	2,000	5,000	
286	Khongoni	U-p SW	70	Every day	5	Draw Well	On foot	U-p SW	70	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	dysentery and skindisease	6	Agriculture	Agriculture Labourer	25,000	2,000	19,545
287	Khongoni	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Eye Disease	3	Agriculture	Agriculture	10,000	200	
288	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	10	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Eye Disease	5	Agriculture	Agriculture	17,000	100	
289	Khongoni	U-p SW	200	Every day	8	Draw Well	On foot	U-p SW	200	Every day	8	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Sometimes		Diarrhoea	4	Agriculture	Agriculture Labourer		5,000	
290	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	10	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Eye Disease	7	Agriculture	Agriculture	1,000	200	
291	Khongoni	U-p SW	200	Every day	10	Draw Well	On foot	U-p SW	20	Every day	10	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	6	Agriculture		30,000		7,850
292	Khongoni	River/ Dambo	100	Every day	3	Draw Well	On foot	River/ Dambo	100	Every day	3	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Always	Pot with filter	Cup		Toilet	Diarrhoea and Skin disease	4	Agriculture	Agriculture	10,000		10,750
293	Khongoni	River/ Dambo	300	Every day	3	Draw Well	On foot	River/ Dambo	1000	Every day	3	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Always	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	9	Agriculture	Agriculture	150,000		38,700
294	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	20	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture		30,000	2,000	8,050
295	Khongoni	U-p SW	200	Every day	6	Draw Well	On foot	U-p SW	23	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Bucket	A dipper and a c	Always	Toilet	Diarrhoea	9	Agriculture		2,000	6,000	2,715
296	Khongoni	Protected SW	500	Every day	8	Draw Well	On foot	Protected SW	5	Every day	8	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	cholera and eye disease	3	Agriculture	Agriculture	22,000	1,000	4,400
297	Khongoni	U-p SW	100	Every day	10	Draw Well	On foot	Protected SW	10	Every day	10	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Skin disease	10	Agriculture	Agriculture	30,000		9,450
298	Khongoni	River/ Dambo	200	Every day	8	Draw Well	On foot	River/ Dambo	200	Every day	8	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Normally	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	9	Agriculture	Agriculture	20,000		3,400
299	Khongoni	River/ Dambo	400	Every day	1	Draw Well	On foot	River/ Dambo	400	Every day	1	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	dysentery and skindisease	4	Agriculture		20,000		4,400

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
300	Khongoni	River/ Dambo	1000	Every day	2	Draw Well	On foot	River/ Dambo	1000	Every day	2	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Always	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	2	Agriculture		10,000		6,250
301	Khongoni	River/ Dambo	700	Every day	12	Draw Well	On foot	River/ Dambo	700	Every day	12		On foot	Yes	saving time, lighten labour & secure quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	10	Agriculture	Agriculture	20,000		2,400
302	Khongoni	U-p SW	200	Every day	6	Draw Well	On foot	U-p SW	20	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture		5,000	500	5,460
303	Khongoni	U-p SW	80	Every day	7	Draw Well	On foot	U-p SW	80	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Two Cups	Always	Toilet		8	Agriculture		12,000	30,000	8,970
304	Khongoni	U-p SW	50	Every day	11	Draw Well	On foot	U-p SW	50	Every day	11	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	8	Agriculture		100,000		24,700
305	Khongoni		100	Every day	2	Draw Well	On foot	Protected SW	100	Every day	2	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	4	Agriculture	Agriculture	9,000	1,000	
306	Khongoni	Borehole	100	Every day	2	Draw Well	On foot	Borehole	10	Every day	2	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Eye Disease	5	Agriculture	Agriculture	25,000	1,000	
307	Khongoni	Protected SW	100	Every day	5	Draw Well	On foot	Protected SW	100	Every day	5		On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Eye diseases & skin diseases	5	Agriculture	Agriculture	85,000		
308	Khongoni	U-p SW	100	Every day	7	Draw Well	On foot	Protected SW	10	Every day	7	Motor Pump	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Cholera	5	Agriculture	Agriculture	5,000	200	
310	Khongoni	River/ Dambo	150	Every day	3		On foot	River/ Dambo	150	Every day	3		On foot	Yes		Never	Bucket	Cup	Always	River	Diarrhoea and Eye Disease	7	Agriculture		10,000		
311	Khongoni	U-p SW	50	Every day	6	Draw Well	On foot		50	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Never	Toilet	Diarrhoea and Eye Disease	4	Agriculture		12,000		
312	Khongoni	U-p SW	150	Every day	6	Draw Well	On foot	U-p SW	150	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Garden	Diarrhoea and Skin disease	5	Agriculture		39,000		
313	Khongoni	U-p SW	80	Every day	15		On foot	U-p SW	80	Every day	15		On foot	Yes		Never	Pot	Cup	Always	Other	Diarrhoea and Eye Disease	8	Agriculture		6,000		
314	Khongoni	U-p SW	50	Every day	8	Draw Well	On foot	U-p SW	50	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture	Agriculture Labourer	1,000	6,000	
315	Khongoni	River/ Dambo	100	Every day	2		On foot	River/ Dambo	100	Every day	2		On foot	Yes		Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	12	Agriculture		100,000		
316	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Sometimes	Toilet	Eye diseases & skin diseases	5	Agriculture	Agriculture	5,000	5,000	11,500
317	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot		Secure Quality	Always	Pot	Cup	Sometimes	Toilet	cholera and eye disease	5	Agriculture	Agriculture	900	900	12,600
318	Khongoni	U-p SW	400	Every day	5	Draw Well	On foot	U-p SW	400	Every day	5	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Sometimes	Toilet	cholera and eye disease	9	Agriculture	Agriculture	5,000	5,000	13,300
319	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	cholera and eye disease	9	Agriculture	Agriculture	9,000	9,000	10,630
320	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet		2	Agriculture	Agriculture	9,000	9,000	8,700
321	Khongoni	U-p SW	300	Every day	8	Draw Well	On foot	U-p SW	300	Every day	8		On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea, Cholera and Eye disease	5	Agriculture	Agriculture	12,800		7,700
322	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Cholera	7	Agriculture	Agriculture	9,000	9,000	14,100
323	Khongoni	U-p SW	200	Every day	4		On foot		200	Every day	4	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Skin Disease	7	Agriculture	Agriculture	1,000	1,000	8,100
324	Khongoni	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	9	Agriculture	Agriculture	12,000	12,000	16,800
325	Khongoni	U-p SW	900	Every day	4	Draw Well	On foot	U-p SW	900	Every day	4	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	7	Agriculture	Agriculture	1,800		55,963
326	Khongoni	U-p SW	600	Every day	6	Draw Well	On foot	U-p SW	600	Every day	6	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always		Dysentery	5	Agriculture	Merchant	5,000	5,520	3,210
327	Khongoni	U-p SW	800	Every day	3	Draw Well	On foot	River/ Dambo	800	Every day	4	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	13	Agriculture		2,150		
328	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Eye Disease	9	Wage Earner	Agriculture	1,000	30,000	4,390
329	Khongoni	River/ Dambo	300	Every day	5	Draw Well	On foot	River/ Dambo	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Dipper	Always	Toilet	cholera and eye disease	4	Agriculture	Agriculture	60,000	20,000	25,000
330	Khongoni	River/ Dambo	300	Every day	6	Other	On foot	River/ Dambo	300	Every day	6	Other	On foot	Yes	Secure Quality	Always	Pot	Dipper	Always	Toilet	Diarrhoea and Skin disease	2	Agriculture	Agriculture	50,000	20,000	19,250
331	Khongoni	Protected SW	100	Every day	3	Draw Well	On foot	Protected SW	100	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Skin Disease	6	Agriculture	Agriculture	11,000	500	3,000
332	Khongoni	U-p SW	800	Every day	6	Draw Well	On foot	U-p SW						Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	8	Agriculture		50,000		
333	Khongoni	U-p SW	200	Every day	8	Draw Well	On foot	U-p SW	200	Every day	8					Never	Pot	Dipper	Sometimes	Toilet	Eye Disease	5	Agriculture		62,000		
334	Khongoni	U-p SW	200	Every day	7	Draw Well	On foot	U-p SW	200	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture	Wage Earner		4,000	1,045
335	Khongoni	U-p SW	500	Every day	5	Draw Well	On foot	U-p SW	500	Every day	5	Draw Well	On foot			Never	Pot	Dipper	Sometimes	Toilet	Diarrhoea	5	Agriculture	Wage Earner	6,000	4,000	950
336	Khongoni	U-p SW	500	Every day	4	Draw Well	On foot	U-p SW	500	Every day	4	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Dipper	Sometimes	Toilet		1			20,000		2,970
337	Khongoni	Borehole	200	Every day	10	Hand Pump	On foot	Borehole	200	Every day	10	Hand Pump	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet		10	Agriculture	Agriculture	80,000	2,000	28,300
340	Khongoni	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Cholera	7	Agriculture	Agriculture	5,000	3,000	1,220
341	Khongoni	U-p SW	300	Every day	7	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	3	Agriculture	Agriculture	27,000		16,400
342	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	6	Agriculture		26,000		16,270
343	Khongoni	U-p SW	50	Every day	4	Draw Well	On foot	U-p SW	50	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet		2	Agriculture	Merchant	60,000	1,008	21,590
345	Khongoni	U-p SW	800	Every day	3	Draw Well	On foot	U-p SW	800	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always		diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	9	Agriculture		2,000		800
346	Khongoni	U-p SW	600	Every day	5	Draw Well	On foot	U-p SW	600	Every day	5	Draw Well	On foot	Yes	Lighten Labour	Normally	Pot	Dipper	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture		15,000		1,790
347	Khongoni	U-p SW	700	Every day	4	Draw Well	On foot	U-p SW	700	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	5	Agriculture	Merchant		3,000	1,160
348	Khongoni	U-p SW	150	Every day	7	Draw Well	On foot	U-p SW	150	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Garden		7	Agriculture		15,000		36,980
432	Khongoni	U-p SW	400	Every day	6	Draw Well	On foot	U-p SW	10	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Two Cups	Always	Toilet	Diarrhoea and Skin disease	5	Agriculture		8,000		
433	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	40	Every day	6	Draw Well	On foot	Yes		Always	Bucket	Two Cups	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture			25,000	
434	Khongoni	River/ Dambo	1000	Every day	7	Draw Well	On foot	River/ Dambo	1000	Every day	7	Draw Well	On foot	Yes	Saving Time	Always	Pot with filter	Dipper	Always wash with soap or ash	Toilet	Diarrhoea and Skin disease	9	Agriculture		10,000		
435	Khongoni	U-p SW	50	Every day	20	Draw Well	On foot	U-p SW	50	Every day	20	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases		Agriculture		30,000		11,100
437	Khongoni	Borehole	900	Every day	6	Draw Well	On foot	Borehole	900	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet		8	Agriculture				
438	Khongoni	Protected SW	150	Every day	3		On foot		150				On foot	Yes	Saving Time	Always	Pot	Cup	Always	Garden	diarrhoea and dysentery and skin disease	4	Agriculture		3,000	2,000	3,000
439	Khongoni	U-p SW	70	Every day	6	Draw Well	On foot	U-p SW	70	Every day	6	Draw Well	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Always	Toilet		2	Agriculture	Wage Earner	20,000		9,700
440	Khongoni	U-p SW	70	Every day	14		On foot		70	Every day	5	Draw Well	On foot	Yes		Never	Bucket	Two Cups	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture	Agriculture	8,000		5,325
441	Khongoni	River/ Dambo	100	Every day	3	Draw Well	On foot	River/ Dambo	100	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Two Cups	Always	Toilet	Diarrhoea and Eye Disease	9	Agriculture	Agriculture	96,000	25,000	4,635
442	Khongoni	U-p SW	200	Every day	4		On foot	U-p SW	200	Every day	10	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	4	Agriculture		22,000		12,000
443	Khongoni	River/ Dambo	300	Every day	3		On foot	River/ Dambo	300	Every day	5		On foot	Yes	Saving Time	Never	Pot	Two Cups	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture	Wage Earner	25,000	15,000	12,700
444	Khongoni	River/ Dambo	200	Every day	5		On foot	River/ Dambo	100	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	5	Agriculture	Merchant	35,000	5,000	27,850
445	Khongoni	River/ Dambo	200	Every day	4		On foot	River/ Dambo	200	Every day			On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	6	Agriculture	Agriculture	84,000	35,000	21,260
446	Khongoni	River/ Dambo	150	Every day	6		On foot	U-p SW	100				On foot	Yes	Secure Quality	Always	Pot	Two Cups	Always	Toilet	Diarrhoea, Cholera and Eye disease	6		Agriculture	15,000	500	7,370
447	Khongoni	River/ Dambo	200	Every day	3		On foot	River/ Dambo	200	Every day	4		On foot	Yes	Saving Time	Always	Pot	Two Cups	Always	Toilet	Diarrhoea, Cholera and Eye disease	8	Agriculture		8,000	500	11,975
448	Khongoni	River/ Dambo	200	Every day	7		On foot	River/ Dambo	300	Every day	6		On foot	Yes	Secure Quality	Always	Pot	Two Cups	Always	Toilet	Diarrhoea, Cholera and Eye disease	8	Agriculture		12,000	1,200	9,790
477	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	2	Agriculture		7,000		340
478	Khongoni	U-p SW	150	Every day	4	Draw Well	On foot	U-p SW	150	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Two Cups	Always	Toilet	Diarrhoea	8	Agriculture		2,000		64,833
479	Khongoni	U-p SW	500	Every day	7	Draw Well	On foot	U-p SW	500	Every day	7	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Always	Toilet	Eye Disease	5	Agriculture	Agriculture	40,000	2,000	3,125
480	Khongoni	U-p SW	80	Every day	6	Draw Well	On foot	U-p SW	80	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea	8	Agriculture	Wage Earner	10,000	5,000	20,270
481	Khongoni	River/ Dambo	400	Every day	6	Draw Well	On foot	River/ Dambo	400	Every day	6	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet	dysentery and skindisease	5	Agriculture	Wage Earner	22,000	7,000	28,100
482	Khongoni	River/ Dambo	450	Every day	7	Draw Well	On foot	River/ Dambo	450	Every day	7	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Toilet	Eye Disease	6	Agriculture	Wage Earner	35,000	1,500	13,220
483	Khongoni	River/ Dambo	500	Every day	5	Draw Well	On foot	River/ Dambo	500	Every day	5	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet		9	Agriculture	Wage Earner	35,000	5,000	23,050
484	Khongoni	River/ Dambo	300	Every day	3	Draw Well	On foot	River/ Dambo	300	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Skin Disease	7	Agriculture		50,000		27,450
485	Khongoni	River/ Dambo	200	Every day	4	Draw Well	On foot	River/ Dambo	200	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	5	Agriculture	Merchant	4,000	5,000	16,150
486	Khongoni	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	40	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	4	Agriculture	Merchant	19,000	3,600	16,050
487	Khongoni	U-p SW	50	Every day	3	Draw Well	On foot		50	Every day	3	Draw Well	On foot	Yes	Saving Time	Always	Pot with filter	Cup	Never	Toilet	Diarrhoea and Eye Disease	5	Agriculture		8,000		6,630
488	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot		200	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Two Cups	Never	Toilet	Dysentery, Eye disease and Skin disease	5	Agriculture	Wage Earner	5,000	3,000	7,420
489	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot with filter	Cup	Always	Garden	Diarrhoea and Eye Disease	3	Agriculture	Merchant	7,000	5,000	10,230
490	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture	Merchant	48,000	2,500	46,350
491	Khongoni	River/ Dambo	500	Every day	7	Draw Well	On foot	River/ Dambo	500	Every day	7	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	8	Agriculture	Merchant	30,000	10,000	28,750
492	Khongoni	U-p SW	50	Every day	10	Draw Well	On foot	U-p SW	50	Every day	10	Draw Well	On foot	Yes	Secure Quality	Normally	Bucket	Cup	Always	Toilet	Diarrhoea	7	Agriculture	Merchant	20,000	10,000	21,200
493	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Two Cups	Always	Toilet	Diarrhoea	4	Merchant	Agriculture	15,000	20,000	

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
494	Khongoni		100	Every day	5	Draw Well	On foot		100	Every day	5	Draw Well	On foot	Yes	Saving Time	Never	Bucket	Cup	Never	Toilet	Diarrhoea and Eye Disease	6	Agriculture		3,000		3,550
495	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot with filter	Cup	Always	Garden	Eye diseases & skin diseases	8	Agriculture	Agriculture	15,000	600	10,200
496	Khongoni	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet		6	Agriculture	Wage Earner	9,000	2,000	9,665
497	Khongoni	U-p SW	100	Every day	8	Draw Well	On foot	U-p SW	100	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	9	Agriculture		27,000		23,950
498	Khongoni	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	10	Agriculture		10,000		9,850
499	Khongoni	U-p SW	100	Every day	18	Draw Well	On foot	U-p SW	100	Every day	18	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Always	Toilet	Diarrhoea	17	Agriculture		100,000		39,100
500	Khongoni	River/ Dambo	200	Every day	6	Draw Well	On foot	River/ Dambo	200	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet		5	Agriculture		100,000		52,200
501	Khongoni	River/ Dambo	600	Every day	4	Draw Well	On foot	River/ Dambo	600	Every day	3	Draw Well	On foot	Yes		Never	Pot with filter	Cup	Never		dysentery and skindisease	6	Agriculture		2,000		1,620
502	Khongoni	U-p SW	100	Every day	8	Draw Well	On foot	U-p SW	100	Every day	8	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture	Agriculture	45,000		11,840
504	Khongoni	U-p SW	500	Every day	4	Draw Well	On foot								saving time, lighten labour & secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	8	Agriculture				
505	Khongoni	River/ Dambo	500	Every day	15		On foot								saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	17	Agriculture		5,000		
516	Khongoni	Borehole	300	Every day	6	Hand Pump	On foot	Borehole	300	Every day	6	Hand Pump	On foot	Yes	Saving time and secure quality	Never	Pot	Two Cups	Always	Toilet	Eye diseases & skin diseases	5	Agriculture	Agriculture	25,000	700	1,145
517	Khongoni	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Eye Disease	8	Agriculture		30,000		2,925
518	Khongoni	U-p SW	300	Every day	7	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot		Secure Quality	Never	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	4	Agriculture	Agriculture	4,000	1,000	3,500
519	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	5	Agriculture	Agriculture	3,000	100	1,900
520	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	8	Agriculture	Agriculture	4,000	100	750
521	Khongoni	U-p SW	700	Every day	4	Draw Well	On foot	U-p SW	700	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Eye diseases & skin diseases	4	Agriculture	Agriculture	9,000	300	1,900
522	Khongoni	U-p SW	200	Every day	6	Draw Well	On foot	U-p SW	200	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	10	Agriculture	Agriculture	3,000	1,000	1,850
523	Khongoni	U-p SW	300	Every day	7	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot		Secure Quality	Always	Bucket	Cup	Sometimes	Toilet	Eye diseases & skin diseases	8	Agriculture	Agriculture	12,000	400	3,000
525	Khongoni	River/ Dambo	400	Every day	2	Draw Well	On foot	River/ Dambo	400	Every day	2	Draw Well	On foot	Yes		Never	Pot with filter	Cup	Never	Toilet	dysentery and skindisease	6	Agriculture		10,000		
526	Khongoni	River/ Dambo	400	Every day	2	Draw Well	On foot		400					Yes	Saving Time	Never	Pot with filter	Cup	Never		Dysentery, Eye disease and Skin disease	3	Agriculture		6,000		
527	Khongoni	River/ Dambo	600	Every day	4	Draw Well	On foot	River/ Dambo	600	Every day	4	Draw Well	On foot	Yes	Saving Time	Normally	Pot with filter	Cup	Never		Dysentery, Eye disease and Skin disease	3	Agriculture		6,000		
528	Khongoni	River/ Dambo	1100	Every day	3	Draw Well	On foot	River/ Dambo	600	Every day	3	Draw Well	On foot	Yes	Saving Time	Never	Pot with filter	Dipper	Never	Toilet	Diarrhoea and Eye Disease	7	Agriculture		400,000		
529	Khongoni	U-p SW	300	Every day	8	Draw Well	On foot	U-p SW	30	Every day	8	Draw Well	On foot	Yes	Lighten Labour	Normally	Pot with filter	Cup	Always	Toilet	Eye Disease	12	Agriculture		45,000		
530	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	1000	Every day	5	Draw Well	On foot	Yes	Saving Time	Always	Pot with filter	Two Cups	Never	Toilet	Dysentery, Eye disease and Skin disease	8	Agriculture		15,000		
531	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot			Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	3	Agriculture				
532	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot								saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	3	Agriculture				
533	Khongoni	River/ Dambo	200	Every day	3		On foot							Yes		Never	Pot	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	1	Agriculture				
534	Khongoni	U-p SW	50	Every day	6	Draw Well	On foot							Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease	4	Agriculture				
536	Khongoni	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	10	Every day	3	Draw Well	On foot			Never	Bucket	Two Cups	Never	Toilet	Eye Disease	4	Agriculture		3,000		
537	Khongoni	U-p SW	300	Every day	3	Draw Well	On foot	U-p SW	300	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	4	Agriculture	Merchant	85,000	48,000	61,900
538	Khongoni	U-p SW	200	Every day	20	Draw Well	On foot	U-p SW	200	Every day	20	Draw Well	On foot	Yes		Never	Pot	Cup		Toilet	Diarrhoea and Skin disease	14	Agriculture	Agriculture			
539	Khongoni	River/ Dambo	300	Every day	5	Draw Well	Cart							Yes		Always	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	11	Agriculture		20,000		30,700
540	Khongoni	River/ Dambo	100	Every day	6		On foot							Yes		Never	Pot	Cup	Always	Toilet							
541	Khongoni	River/ Dambo	500	Every day	10		On foot	River/ Dambo	500	Every day	10		On foot	Yes		Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	8	Agriculture		10,000		6,750
542	Khongoni	River/ Dambo	500	Every day	7		On foot		500	Every day	7		On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture	Agriculture	20,000		5,000
547	Khongoni	River/ Dambo		Every day	6		On foot								saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Skin disease	19	Agriculture		20,000		
548	Khongoni	River/ Dambo	500	Every day	6		On foot									Normally	Pot	Cup		Toilet	Diarrhoea, eye and skin diseases	7	Agriculture	Agriculture	30,000		
549	Khongoni	River/ Dambo	100	Every day	4		On foot	River/ Dambo	100	Every day	4		On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always	Toilet	Diarrhoea, eye and skin diseases	7	Agriculture		2,000		
550	Khongoni	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Lighten Labour	Always	Bucket	Cup		Toilet	Eye diseases & skin diseases	7	Agriculture	Agriculture		2,000	2,310
551	Khongoni	River/ Dambo	400	Every day	4	Draw Well	On foot		400	Every day	4	Draw Well	On foot	Yes	Secure Quality	Always	Bucket	Cup	Always	Garden	Dysentery	2	Agriculture	Agriculture Labourer	1,500	3,600	
553	Khongoni	U-p SW	50	Every day	5	Draw Well	On foot	U-p SW	400	Every day	5	Draw Well	On foot	Yes	Lighten Labour	Normally	Pot with filter	Cup	Always	Toilet	Diarrhoea	8	Agriculture		10,000		
562	Khongoni	U-p SW	50	Every day	2	Draw Well	On foot	U-p SW	50	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	dysentery and skindisease	7	Agriculture Labourer		30,000		3,440
563	Khongoni	River/ Dambo	300	Every day	3	Other	On foot							Yes	Saving time and secure quality	Always	Pot	Cup	Always	Toilet	dysentery and skindisease	10	Agriculture Labourer		35,000		4,375
564	Khongoni	U-p SW	120	Every day	4	Draw Well	On foot	U-p SW	120	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	4	Agriculture Labourer		9,000		2,100
575	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet		7	Agriculture	Agriculture	210,000		1,350
576	Khongoni	U-p SW	300	Every day	7	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	7	Agriculture		40,000		6,100
577	Khongoni	U-p SW	400	Every day	4	Draw Well	On foot	U-p SW	400	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot with filter	Cup	Sometimes	Toilet		4	Agriculture		60,000		1,715
590	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day		Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	9	Agriculture Labourer		20,000		2,700
591	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	7	Agriculture Labourer		25,000		6,669
592	Khongoni	U-p SW	120	Every day	5	Draw Well	On foot	River/ Dambo	150	Every day	7	Other	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	Dysentery	8	Agriculture Labourer		25,000		9,960
610	Khongoni	U-p SW	200	Every day	4	Draw Well	On foot	U-p SW	200	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	4	Agriculture		10,000		4,600
611	Khongoni	U-p SW	500	Every day	5	Draw Well	On foot	U-p SW	500	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	9		Agriculture	10,000		5,100
612	Khongoni	U-p SW	300	Every day	4	Draw Well	On foot	U-p SW	300	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	8	Agriculture		200,000		4,400
625	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	U-p SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	5	Agriculture		20,000		2,500
626	Khongoni	River/ Dambo	350	Every day	3	Other	On foot	River/ Dambo	350	Every day	5	Other	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Dysentery, Eye disease and Skin disease	8	Agriculture Labourer		45,000		6,570
627	Khongoni	U-p SW	100	Every day	7	Draw Well	On foot	U-p SW	100	Every day	7	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always wash with soap or ash	Toilet	Eye Disease	13	Agriculture	Agriculture	90,000	2,000	5,600
628	Khongoni	U-p SW	700	Every day	3	Draw Well	On foot	U-p SW	700	Every day	3	Draw Well		Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	6	Agriculture		20,000		4,700
629	Khongoni	U-p SW	700	Every day	4	Draw Well	On foot	U-p SW	700	Every day	4	Draw Well		Yes	Saving time and secure quality	Never	Pot with filter	Cup	Always	Toilet	Diarrhoea	5	Agriculture		30,000		3,900
630	Khongoni	U-p SW	100	Every day	8	Draw Well	On foot	U-p SW	100	Every day	8	Draw Well		Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	9	Agriculture		10,000		3,500
655	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	secure quality & less expenses	Never	Bucket	Cup	Sometimes	Toilet	Diarrhoea, eye and skin diseases	6	Agriculture		30,000		2,315
656	Khongoni	U-p SW	1000	Every day	3	Draw Well	On foot	U-p SW	1000	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Sometimes	Toilet	Eye diseases & skin diseases	7	Agriculture		50,000		1,750
657	Khongoni	U-p SW	800	Every day	2	Draw Well	On foot	U-p SW	800	Every day	2	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	10	Agriculture		120,000		3,740
661	Khongoni	U-p SW	300	Every day	4	Draw Well	On foot		300	Every day	4	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Two Cups	Always	Toilet	Eye Disease	4	Agriculture	Agriculture	10,000	700	4,790
662	Khongoni	U-p SW	200	Every day	7	Draw Well	On foot	U-p SW	200	Every day	7	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet		4	Agriculture		30,000		1,079
663	Khongoni	U-p SW	700	Every day	5	Draw Well	On foot	U-p SW	700	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	9	Agriculture		7,000		
665	Khongoni	U-p SW	300	Every day	2	Draw Well	On foot	U-p SW	300	Every day	7	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	5	Agriculture	Agriculture	10,000	200	11,000
666	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well		Yes	Secure Quality	Normally	Pot	Cup	Sometimes	Toilet	Eye diseases & skin diseases	7	Agriculture	Agriculture	15,000		11,000
667	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	7	Agriculture	Agriculture	3,000		10,750
668	Khongoni	Protected SW	170	Every day	6	Draw Well	On foot	U-p SW	170	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Pot	Cup	Always	Toilet		9	Agriculture		48,000		10,500
669	Khongoni	U-p SW	200	Every day	3	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	7	Agriculture Labourer				6,105
670	Khongoni	U-p SW	250	Every day	5	Draw Well	On foot		250	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Eye Disease	11	Agriculture		40,000		5,037
671	Khongoni	River/ Dambo	70	Every day	3		On foot	River/ Dambo	70	Every day	3		On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	7	Agriculture	Agriculture	21,000	1,000	8,401
672	Khongoni	U-p SW	50	Every day	12	Draw Well	On foot	U-p SW	50	Every day		Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye diseases & skin diseases		Agriculture	Agriculture	20,000	300	1,200
673	Khongoni	U-p SW	40	Every day	8	Draw Well	On foot	U-p SW	40	Every day	8	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup									
674	Khongoni	U-p SW	100	Every day	5	Draw Well	On foot	U-p SW	100	Every day	5	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Eye Disease	7	Agriculture	Agriculture	3,000	100	2,440
675	Khongoni	River/ Dambo	400	Every day	6	Draw Well	On foot	River/ Dambo	400	Every day	6	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot with filter	Cup	Always	Toilet	Diarrhoea, eye and skin diseases	5	Agriculture	Merchant	10,000		1,700
676	Khongoni	U-p SW	200	Every day	5	Draw Well	On foot	U-p SW	200	Every day	5	Draw Well	On foot	Yes		Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	6	Agriculture	Agriculture	56,000	1,000	10,750

No	District	Water Usage														Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
677	Khongoni	U-p SW	50	Every day	8	Draw Well	On foot	U-p SW	50	Every day	8	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	8	Agriculture	Agriculture	250,000	100	12,500
678	Khongoni	U-p SW	100	Every day	3	Draw Well	On foot	U-p SW	100	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Eye diseases & skin diseases	7	Agriculture	Agriculture	32,000	200	27,100
682	Khongoni	U-p SW	80	Every day	9	Draw Well	On foot	U-p SW	80	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always wash with soap or ash	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	10	Agriculture	Agriculture	20,000	2,000	4,350
683	Khongoni	U-p SW	500	Every day	3	Draw Well	On foot	U-p SW	500	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Other	Cup	Sometimes	Toilet	Eye diseases & skin diseases	5	Agriculture	Agriculture	70,000		7,080
684	Khongoni	U-p SW	500	Every day	2	Draw Well	On foot	U-p SW	500	Every day	7	Draw Well	On foot	Yes	Saving Time	Never	Other	Cup	Sometimes	Toilet	dysentery and skindisease	5	Agriculture		89,000		6,275
685	Khongoni	U-p SW	300	Every day	10	Draw Well	On foot	U-p SW	300	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never		Two Cups	Always wash with soap or ash	Toilet	diarrhoea and dysentery	8	Agriculture	Agriculture	120,000		4,916
687	Khongoni	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	saving time, lighten labour & secure quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea	2	Agriculture		50,000		3,100
689	Khongoni	U-p SW	200	Every day	15	Draw Well	On foot	U-p SW	200	Every day	15	Draw Well	On foot	Yes	Saving time and secure quality	Normally	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	11	Agriculture	Agriculture	5,000		2,650
690	Khongoni	U-p SW	500	Every day	6	Draw Well	On foot	U-p SW	500	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet		3	Agriculture		14,000		2,450
696	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Secure Quality	Normally	Pot	Cup	Sometimes	Toilet	Diarrhoea	4			20,000		8,085
697	Khongoni	U-p SW	800	Every day	10	Draw Well	On foot	U-p SW	800	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Never	Other		5	Agriculture		22,000		4,345
698	Khongoni	U-p SW	200	Every day	10	Draw Well	On foot	U-p SW	200	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Never	Other		10	Agriculture		90,000		4,820
699	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Never	Toilet	Diarrhoea	12	Agriculture		95,000		4,790
700	Khongoni	U-p SW	300	Every day	6	Draw Well	On foot	U-p SW	300	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Other	Other	Sometimes	Toilet	typhoid & skin diseases	6	Agriculture	Agriculture	80,000		8,800
701	Khongoni	U-p SW	500	Every day	5	Draw Well	On foot	U-p SW	500	Every day	5	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Dipper	Sometimes	Toilet	Dysentery, Eye disease and Skin disease	7	Agriculture		10,000		3,700
702	Khongoni	U-p SW	300	Every day	5	Draw Well	On foot	U-p SW	300	Every day	5	Draw Well	On foot	Yes	Saving time and secure quality	Always	Other	Cup	Sometimes	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	9	Agriculture		25,000		3,550
728	Khongoni	River/ Dambo	1000	Every day	5	Draw Well	On foot	River/ Dambo	100	Every day	5	Draw Well	On foot	Yes		Always	Pot	Cup	Always	Toilet		8	Agriculture		30,000		
729	Khongoni	U-p SW	100	Every day	4	Draw Well	On foot	River/ Dambo	500	Every day	8		On foot	Yes	Saving time and secure quality	Always	Pot	Two Cups	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture		6,000		
732	Khongoni	U-p SW	20	Every day	6	Draw Well	On foot	U-p SW	20	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never		Cup	Always	Toilet	Diarrhoea	3	Agriculture		15,000	1,500	
733	Khongoni	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea	10	Agriculture	Merchant	400,000	8,000	
734	Khongoni	U-p SW	100	Every day	3		On foot	River/ Dambo	1000	Every day	4		On foot	Yes	Lighten Labour	Always	Pot	Cup	Sometimes	Toilet	diarrhoea and dysentery	3	Agriculture		20,000		
735	Khongoni	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	10	Agriculture		50,000		
736	Khongoni	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea	10	Agriculture	Agriculture	60,000		
761	Khongoni	River/ Dambo	100	Every day	16	Draw Well	On foot	River/ Dambo	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea	7	Agriculture		50,000		4,600
762	Khongoni	River/ Dambo	100	Every day	4	Draw Well	On foot	River/ Dambo	100	Every day	7	Draw Well	On foot	Yes	Secure Quality	Normally	Bucket	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	9	Agriculture				5,358
763	Khongoni	River/ Dambo	100	Every day	6	Draw Well	On foot	River/ Dambo	100	Every day	6	Draw Well	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet		4	Agriculture	Merchant	30,000		4,425
764	Khongoni	U-p SW	100	Every day	20	Draw Well	On foot	U-p SW	50	Every day	16	Hand Pump	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Eye Disease	15	Agriculture		200,000		12,967
766	Khongoni	U-p SW	10	Every day	12	Draw Well	On foot	U-p SW	10	Every day	12	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	7	Agriculture		10,000		2,450
767	Khongoni	River/ Dambo	500	Every day	4	Draw Well	On foot	River/ Dambo	500	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Sometimes	Toilet	Diarrhoea	6	Agriculture	Agriculture	52,000		4,625
768	Khongoni	River/ Dambo	600	Every day	3	Draw Well	On foot	River/ Dambo	600	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	5	Agriculture	Agriculture	30,000		1,645
769	Khongoni	River/ Dambo	700	Every day	4	Draw Well	On foot	River/ Dambo	700	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Two Cups	Sometimes	Toilet	diarrhoea and dysentery and skin disease	11	Agriculture	Agriculture	50,000		3,300
772	Khongoni	River/ Dambo	1000	Every day	6	Draw Well	On foot	River/ Dambo	1000	Every day	6	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	5	Agriculture	Agriculture	8,000		4,150
773	Khongoni	U-p SW	50	Every day	6	Draw Well	On foot	U-p SW	50	Every day	6	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	4	Agriculture	Agriculture	30,000		3,400
774	Khongoni	U-p SW	100	Every day	10	Draw Well	On foot	U-p SW	100	Every day	10	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Two Cups	Always	Toilet	Skin Disease		Agriculture				
775	Khongoni	U-p SW	100	Every day	6	Draw Well	On foot	U-p SW	100	Every day	6	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	6	Agriculture		2,000		
776	Khongoni	River/ Dambo	800	Every day	3	Draw Well	On foot	River/ Dambo	800	Every day	3	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea and Skin disease	5	Agriculture	Agriculture	18,000		2,609
777	Khongoni	River/ Dambo	900	Every day	4	Draw Well	On foot	River/ Dambo	900	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea and dysentery and skin disease	8	Agriculture	Agriculture	45,000		4,134
778	Khongoni	River/ Dambo	800	Every day	3	Draw Well	On foot	River/ Dambo	800	Every day	3	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea and dysentery and skin disease		Agriculture	Agriculture	20,000		2,460
780	Khongoni	Borehole	1000	Every day	4	Hand Pump	On foot	Borehole	1000	Every day	4	Hand Pump	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	11	Agriculture		75,000		
781	Khongoni	U-p SW	30	Every day	6	Draw Well	On foot	U-p SW	30	Every day	6	Draw Well	On foot	Yes	Secure Quality	Normally	Pot with filter	Two Cups	Always	Toilet		6	Agriculture	Agriculture	20,000		2,058
782	Khongoni	River/ Dambo	600	Every day	3	Draw Well	On foot	River/ Dambo	600	Every day	3	Draw Well	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Sometimes	Toilet	diarrhoea and dysentery and skin disease	5	Agriculture	Agriculture	25,000		3,245
783	Khongoni	Protected SW	400	Every day	3	Draw Well	On foot	Protected SW	400	Every day	3	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Sometimes	Toilet	diarrhoea and dysentery and skin disease	6	Agriculture		32,000		3,742
784	Khongoni	Protected SW	100	Every day	4	Draw Well	On foot	Protected SW	100	Every day	4	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet		6	Agriculture	Agriculture	245,000		13,658
785	Khongoni	River/ Dambo	200	Every day	8	Hand Pump	On foot	River/ Dambo	200	Every day	8	Hand Pump	On foot	Yes	Saving time and secure quality	Always	Pot	A dipper and a c	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture		8,000		
786	Khongoni	River/ Dambo	100	Every day	9	Hand Pump	On foot	River/ Dambo	100	Every day	9	Hand Pump	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	3	Agriculture	Agriculture	23,000		
787	Khongoni	River/ Dambo	100	Every day	4	Draw Well	On foot	River/ Dambo	100	Every day	4	Draw Well	On foot	Yes	Saving time and secure quality	Never	Pot	Cup	Always	Toilet	Diarrhoea, eye and skin diseases		Agriculture	Merchant	16,000		
788	Khongoni	U-p SW	10	Every day	10	Draw Well	On foot	U-p SW	10	Every day	10	Draw Well	On foot	Yes	Saving time and secure quality	Never	Bucket	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases		Agriculture	Agriculture	5,000		
789	Khongoni	Borehole	400	Every day	3	Hand Pump	On foot	Borehole	400	Every day	3	Hand Pump	On foot	Yes	Saving Time	Always	Bucket	Cup	Always	Toilet			Agriculture	Merchant	4,000		
790	Khongoni	U-p SW	15	Every day	3	Draw Well	On foot	U-p SW	15	Every day	3	Draw Well	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	4	Agriculture		13,000		750
791	Khongoni	River/ Dambo	300	Every day	4	Draw Well	On foot	River/ Dambo	300	Every day	4	Draw Well	On foot	Yes	Secure Quality	Normally	Bucket	Cup	Always	Toilet	diarrhoea and dysentery and skin disease		Other	Agriculture	40,000	25,000	
792	Khongoni	River/ Dambo	400	Every day	3	Draw Well	On foot	River/ Dambo	400	Every day	3	Draw Well	On foot	Yes	Secure Quality	Always	Pot with filter	Two Cups	Always wash with soap or ash	Toilet	diarrhoea and dysentery and skin disease		Agriculture		150,000		
793	Khongoni	River/ Dambo	400	Every day	5	Draw Well	On foot	River/ Dambo	400	Every day	5	Draw Well	On foot	Yes	Lighten Labour	Never	Bucket	Cup	Always wash with soap or ash	Toilet	Diarrhoea and Eye Disease		Agriculture		99,000		
794	Khongoni	U-p SW	120	Every day	12	Draw Well	On foot	U-p SW	120	Every day	12	Draw Well	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	8	Agriculture		30,000		4,800
795	Khongoni	U-p SW	50	Every day	3	Draw Well	On foot	U-p SW	50	Every day	1	Draw Well	On foot	Yes	Secure Quality	Always	Pot	Cup	Always	Toilet	Diarrhoea	2	Agriculture		20,000	6,000	1,650
796	Khongoni	River/ Dambo	50	Every day	10	Draw Well	On foot	River/ Dambo	50	Every day	10	Draw Well	On foot	Yes	secure quality & less expenses	Never	Bucket	Cup	Always	Toilet	Diarrhoea		Agriculture		15,000	6,000	5,100
70	Khongoni	Borehole	500	Every day	3	Hand Pump	On foot	Borehole	500	Every day	3	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	8	Agriculture	Agriculture	22,000		2,425
436	Khongoni	Borehole	200	Every day	7	Hand Pump	On foot	Borehole	200	Every day	7	Hand Pump	On foot	Yes		Always	Pot	Cup	Sometimes	Toilet	Eye Disease	8	Agriculture	Agriculture	10,000	1,000	
765	Khongoni	Borehole	100	Every day	5	Hand Pump	On foot	Borehole	100	Every day	5	Hand Pump	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Diarrhoea	3	Agriculture	Agriculture	10,000	1,000	1,317
771	Khongoni	Borehole	500	Every day	5	Hand Pump	On foot	Borehole	800	Every day	5	Hand Pump	On foot	Yes	Saving Time	Normally	Bucket	Cup	Always	Toilet	Eye Disease	6	Agriculture	Merchant	20,000	5,000	
779	Khongoni	Borehole	20	Every day	8	Hand Pump	On foot	Borehole	20	Every day	8	Hand Pump	On foot	Yes	Secure Quality	Never	Pot	Cup	Sometimes	Toilet	Diarrhoea	4	Agriculture		17,000		3,671
103	Khongoni	Borehole	300	Every day	6	Hand Pump	On foot	Borehole	300	Every day	6	Hand Pump	On foot	No		Never	Pot with filter	Cup		Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	8	Civil Servant	Civil Servant	28,000	14,000	7,100
111	Khongoni	Borehole	50	Every day	4	Hand Pump	On foot	Borehole	50	Every day	5	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Sometimes	Toilet	Skin Disease		Agriculture		17,000		8,105
177	Khongoni	Borehole	75	Every day	6	Hand Pump	On foot	Borehole	75	Every day	8	Hand Pump	On foot	Yes	Saving Time	Always	Pot	Cup	Always	Toilet	Diarrhoea and Eye Disease	7	Agriculture				1,245
178	Khongoni	Borehole	125	Every day	4	Hand Pump	On foot	Borehole	125	Every day	6	Hand Pump	On foot	Yes	Saving Time	Never	Pot with filter	Cup	Always	Toilet	Eye diseases & skin diseases	7	Agriculture		34,000		1,835
179	Khongoni	Borehole	140	Every day	3	Hand Pump	On foot	Borehole	140	Every day	3	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Always wash with soap or ash	Toilet		3	Agriculture		13,000		2,935
181	Khongoni	Borehole	100	Every day	10	Hand Pump	On foot	Borehole	100	Every day	10	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea		Agriculture	Agriculture	29,000		
182	Khongoni	Borehole	100	Every day	15	Hand Pump	On foot	Borehole	100	Every day	10	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	Diarrhoea, Cholera and Eye disease		Agriculture	Agriculture	40,000		
183	Khongoni	Borehole	100	Every day	10	Hand Pump	On foot	Borehole	100	Every day	10	Hand Pump	On foot	Yes	saving time, lighten labour & secure quality	Never	Pot	Cup	Always	Toilet	dysentery and skindisease	7	Agriculture	Agriculture	80,000		
223	Khongoni	Borehole	200	Every day	5	Hand Pump	On foot	Borehole	200	Every day	5	Hand Pump	On foot	Yes	Secure Quality	Always	Pot	Cup	Sometimes	Toilet	Eye Disease	5	Agriculture	Agriculture	18,000	5,000	10,340
224	Khongoni	Borehole	300	Every day	6	Hand Pump	On foot	Borehole	300	Every day	6	Hand Pump	On foot	Yes	secure quality & less expenses	Never	Bucket	Dipper	Sometimes	Toilet	dysentery and skindisease	7	Agriculture	Agriculture	5,000	200	6,220
225	Khongoni	Borehole	200	Every day	7	Hand Pump	On foot	Borehole	200	Every day	7	Hand Pump	On foot	Yes	Saving Time	Normally	Bucket	Dipper	Sometimes	Toilet	Dysentery	8	Agriculture	Agriculture	5,000	1,000	8,410
229	Khongoni	U-p SW	700	Every day	8	Hand Pump	On foot	U-p SW	7	Every day	8	Hand Pump	On foot	Yes	Secure Quality	Always	Pot	Two Cups	Always	Toilet	Eye Disease	7			6,000	400	6,055
230	Khongoni	U-p SW	400	Every day	8	Hand Pump	On foot	U-p SW	4	Every day	8	Hand Pump	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	4	Agriculture	Agriculture	5,000		2,570
243	Khongoni	Protected SW	500	Every day	10	Hand Pump	On foot	Protected SW	5	Every day	7	Hand Pump	On foot	Yes	Secure Quality	Never	Bucket	Two Cups	Always wash with soap or ash	Toilet	Eye Disease	3	Agriculture		10,000	6,000	20,426
245	Khongoni	Borehole	300	Every day	7	Hand Pump	On foot	Borehole	30	Every day	2	Hand Pump	On foot	Yes	Secure Quality	Always	Pot with filter	Cup	Always	Toilet	Skin Disease	7	Agriculture	Agriculture	11,000	500	
309	Khongoni	U-p SW	100	Every day	5	Hand Pump	On foot	U-p SW	100	Every day		Hand Pump	On foot	Yes	Secure Quality	Never	Bucket	Cup	Always	Toilet	Diarrhoea and Eye Disease	13	Agriculture	Agriculture Labourer	10,000		19,455
338	Khongoni	Borehole	900	Every day	4	Hand Pump	On foot	Borehole	900	Every day	4	Hand Pump	On foot	Yes	Saving Time	Never	Pot	Cup	Always	Toilet	diarrhoea and dysentery and skin disease	6	Agriculture		4,000		1,470
339	Khongoni	Borehole	300	Every day	5	Hand Pump	On foot	Borehole	300	Every day	5	Hand Pump	On foot	Yes	Lighten Labour	Never	Pot	Cup	Always	Toilet	Skin Disease	5	Agriculture		300,000		1,900
344	Khongoni	Borehole	350	Every day	1	Hand Pump	On foot	Borehole	350	Every day	1	Hand Pump	On foot	Yes		Never	Pot	Cup	Always	Toilet	diarrhoea, dysentry, typhoid, cholera, eye and skin diseases	7	Agriculture		10,000		32,360

No	District	Water Usage													Hygiene & Sanitation						Socio-Economic Situation					
		Rainy Season						Dry Season						Need of WS Facility	Expections	Boiling Drinking Water	Storage of Water	Scooping Water	Washing Hands before Eat	Excretion Place	Previous Illness	Family			Money Income		Expenditure
		Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor	Water Source	Distance to Source	Frequency	Times a Day	Type of Pump	Main Transpor									No. of persons/family	Occupation	Side Job	Main Occupation	Sub Job	
515	Khongoni	Borehole	300	Every day	2	Hand Pump	On foot	Borehole	300	Every day	2	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Two Cups	Always	Toilet	Skin Disease	4	Agriculture	Agriculture	15,000	0	81,917
758	Khongoni	Protected SW	40	Every day	7	Hand Pump	On foot	Spring	40	Every day	7	Hand Pump	On foot	Yes	Saving Time	Never	Bucket	Two Cups	Sometimes	Toilet	Skin Disease		Agriculture		6,000		833
759	Khongoni	Protected SW	30	Every day	6	Hand Pump	On foot	Protected SW	30	Every day	6	Hand Pump	On foot	Yes	Secure Quality	Never	Pot	Cup	Always	Toilet	Diarrhoea	3	Agriculture				866
760	Khongoni	Protected SW	20	Every day	4	Hand Pump	On foot	Protected SW	20	Every day	3	Hand Pump	On foot	Yes	Saving Time	Normally	Pot	Two Cups	Always	Toilet		3	Agriculture		13,560		987

資料7－4（1） 電気探査位置

	No.	T.A.	S/N	NAME		測定位置 S Lat.		E Long.		推定地質 Type	比抵抗値 (Ω-m)	帯水層基底深度 (m)	既存深井戸等 rem
1	20	KALOLO	**61**	Chipanga		14	9.708	33	22.105	Md	160	35	
2	21	KALOLO	**62**	Mbang'ombe	a	14	10.102	33	22.765	Md	180	45	C28
3	21	KALOLO	**62**	Mbang'ombe	b	14	10.090	33	22.719	Md	260	36	
4	15	KALOLO	**47**	Nyanda		14	8.056	33	23.269	Ml	260	28	
5	16	KALOLO	**54**	Mtsina / Kalata	a	14	7.006	33	26.182	Ml	120	35	
6	16	KALOLO	**54**	Mtsina / Kalata	b	14	6.897	33	26.306	Ml	480	45	
7	17	KALOLO	**55**	Chadza		14	5.862	33	22.676	Ml	180	45	
8	18	KALOLO	**57**	Ntchisi		14	6.958	33	23.068	Ml	165	25	
9	1	KALOLO	**2**	Dzuluwanda	a	14	1.349	33	23.068	P	80	55	
10	1	KALOLO	**2**	Dzuluwanda	b	14	1.351	33	23.077	P	110	65	
11	2	KALOLO	**5**	Guliguli (B)		13	58.512	33	24.192	P	120	45	
12	3	KALOLO	**6**	Nkhwambela		14	1.302	33	24.338	P	90	45	DP65
13	4	KALOLO	**17**	Phulamazira		13	55.663	33	28.335	P	60	40	R13(IR13?)
14	8	KALOLO	**30**	Kumtsizi		13	59.552	33	28.628	P	120	45	
15	9	KALOLO	**36**	Danbo		13	57.541	33	31.086	P	106	32	RM58
16	10	KALOLO	**38**	Mizati		14	3.884	33	21.744	P	34	40	
17	11	KALOLO	**39**	Chiipila Sanga	a	14	2.563	33	20.310	P	120	42	
18	11	KALOLO	**39**	Chiipila Sanga	b	14	2.532	33	20.393	P	260	35	
19	12	KALOLO	**41**	Chiipila Kakoma		14	1.969	33	21.277	P	40	50	
20	13	KALOLO	**42**	Guliguli (A)		14	3.563	33	20.982	P	90	30	
21	19	KALOLO	**60**	Chingondo		14	4.697	33	23.906	P	35	30	
22	22	KALOLO	**73**	Chimbwala		13	53.139	33	21.170	P	30	35	
23	25	KALOLO	**90**	Dzinja		13	56.423	33	22.352	P	120	38	
24	26	KALOLO	**92**	Kadzoni		13	55.823	33	18.821	P	38	45	FC96
25	27	KALOLO	**94**	Kafunde		13	54.839	33	23.848	P	120	25	
26	28	KALOLO	**100**	Kalonga		14	2.736	33	30.248	P	90	30	
27	29	KALOLO	**103**	Semu		14	2.807	33	28.884	P	186	40	
28	32	KALOLO	**109**	Chaponda		14	7.770	33	28.431	P	55	40	
29	5	KALOLO	**19**	Mpingo (II)		13	59.853	33	26.679	Pg	50	38	LFP28
30	6	KALOLO	**22**	Mzungu		13	56.923	33	26.578	Pg	100	65	
31	7	KALOLO	**23**	Mngongonda		13	58.934	33	27.775	Pg	30	65	
32	14	KALOLO	**45**	Geremani		14	2.847	33	23.267	Pg	52	61	
33	23	KALOLO	**82**	Jonasi		13	51.414	33	17.466	Pg	25	65	
34	24	KALOLO	**89**	Lusha		13	53.493	33	18.144	Pg	50	20	
35	30	KALOLO	**106**	Mliu		14	6.572	33	32.850	Pg	65	20	X25
36	31	KALOLO	**107**	Chithangile		14	4.347	33	30.528	Pg	22	45	
37	33	KALOLO	**111**	Chikalipo		14	6.409	33	29.214	Pg	260	45	
38	34	KALOLO	**116**	Zakaliya		14	4.096	33	28.938	Pg	60	55	
39	35	KALOLO	**119**	Makanga		14	5.336	33	27.026	Pg	95	45	
1	37	KHONGONI	**4**	Kanjanja		13	44.361	33	18.633	P	67	40	
2	39	KHONGONI	**11**	Benjamani		13	49.923	33	16.242	P	130	65	
3	40	KHONGONI	**13**	Waya		13	46.108	33	18.860	P	70	45	FC116
4	41	KHONGONI	**16**	Mkhata		13	50.213	33	24.895	P	120	32	
5	50	KHONGONI	**37**	Mbewa (II)		13	45.695	33	22.116	P	60	38	
6	53	KHONGONI	**45**	Malenga	a	13	42.379	33	18.506	P	32	35	
7	53	KHONGONI	**45**	Malenga	b	13	42.432	33	18.303	P	50	35	
8	57	KHONGONI	**67**	Bondo		13	39.117	33	19.578	P	81	54	RM49
9	58	KHONGONI	**69**	Kazambala	a	13	40.398	33	21.247	P	65	40	
10	58	KHONGONI	**69**	Kazambala	b	13	40.421	33	21.178	P	80	35	
11	59	KHONGONI	**70**	Chigowo		13	38.436	33	22.201	P	34	30	SB/07/323
12	60	KHONGONI	**79**	Chilowa		13	40.841	33	21.789	P	79	28	E317
13	61	KHONGONI	**82**	Kawalika		13	37.093	33	22.641	P	55	48	
14	62	KHONGONI	**85**	Msema	a	13	35.609	33	23.461	P	120	35	
15	62	KHONGONI	**85**	Msema	b	13	35.406	33	23.386	P	240	35	
16	63	KHONGONI	**89**	Chimonbo (II)	a	13	36.987	33	21.155	P	120	38	
17	63	KHONGONI	**89**	Chimonbo (II)	b	13	37.016	33	21.324	P	150	16	
18	66	KHONGONI	**103**	Kaodzera (B)		13	39.090	33	25.558	P	74	75	
19	67	KHONGONI	**116**	Mwanda		13	35.065	33	25.767	P	100	45	
20	68	KHONGONI	**120**	Magengera		13	34.680	33	23.839	P	22	45	
21	69	KHONGONI	**121**	Kakoloweko		13	33.713	33	23.780	P	90	45	DM9
22	71	KHONGONI	**124**	Changwe		13	32.971	33	26.003	P	55	32	
23	73	KHONGONI	**128**	Khofi	a	13	31.943	33	24.113	P	40	40	
24	73	KHONGONI	**128**	Khofi	b	13	31.938	33	24.003	P	60	32	
25	74	KHONGONI	**129**	Makwenbe	a	13	32.302	33	23.702	P	30	34	
26	74	KHONGONI	**129**	Makwenbe	b	13	32.298	33	23.760	P	29	35	
27	76	KHONGONI	**133**	Nkhawa	a	13	32.426	33	24.578	P	40	45	
28	76	KHONGONI	**133**	Nkhawa	b	13	32.354	33	24.744	P	120	24	
29	78	KHONGONI		Kasiya Sch.		13	46.486	33	22.769	Pg	32	35	B/H

	No.	T.A.	S/N	NAME		測定位置 S Lat.			E Long.	推定地質 Type	比抵抗値 (Ω-m)	滞水層基底深度 (m)	既存深井戸等 rem
30	36	KHONGONI	**1**	Khongoni (A)		13	51.090	33	22.466	Pg	20	40	LFP22
31	38	KHONGONI	**7**	Levi		13	49.970	33	20.265	Pg	43	40	
32	42	KHONGONI	**19**	Salima		13	50.631	33	24.838	Pg	35	25	NBC013
33	43	KHONGONI	**20**	Kapudzama		13	52.072	33	24.750	Pg	80	26	DANIDA
34	44	KHONGONI	**23**	Mtabvu		13	53.336	33	25.156	Pg	65	25	No.24
35	45	KHONGONI	**24**	Imfa (Chiputu)		13	53.842	33	24.441	Pg	90	45	UBD025
36	46	KHONGONI	**26**	Naferanje		13	50.383	33	22.861	Pg	65	42	NBC008
37	47	KHONGONI	**28**	Nyanga		13	50.035	33	22.043	Pg	42	50	RB32
38	48	KHONGONI	**31**	Gulumba		13	48.507	33	23.481	Pg	62	26	
39	49	KHONGONI	**32**	Sixpence / Nabuzi		13	47.566	33	23.102	Pg	36	26	
40	51	KHONGONI	**39**	Mwachipula		13	44.881	33	21.005	Pg	45	44	
41	52	KHONGONI	**42**	Mtswati		13	45.381	33	23.750	Pg	65	55	
42	54	KHONGONI	**46**	Mangilira		13	42.421	33	19.245	Pg	120	38	SB/07/430
43	55	KHONGONI	**56**	Madzonga		13	46.090	33	23.888	Pg	32	30	UBC029
44	56	KHONGONI	**61**	Mwadzimbi	a	13	46.009	33	25.089	Pg	45	50	
45	56	KHONGONI	**61**	Mwadzimbi	b	13	46.045	33	25.008	Pg	58	50	
46	64	KHONGONI	**90**	Makowa		13	38.312	33	27.252	Pg	30	45	DM13
47	65	KHONGONI	**94**	Kasalika		13	37.371	33	26.808	Pg	40	45	
48	70	KHONGONI	**123**	Kachera		13	32.226	33	25.965	Pg	86	40	
49	72	KHONGONI	**126**	Mkwinda		13	32.426	33	24.578	Pg	140	20	
50	75	KHONGONI	**131**	Mwanmbakulu	a	13	32.292	33	24.574	Pg	30	62	
51	75	KHONGONI	**131**	Mwanmbakulu	b	13	32.354	33	24.744	Pg	60	55	
52	77	KHONGONI		Mbewa		13	39.931	33	19.207	P	140	45	DM17

Results of Electric Survey

T.A. Kalolo

No.	Village	Results of Vertical Electric Survey			Results of Horizontal Electric Survey		BH No.
		Resistivity of Aquifer (Ω-m)	Boundary of base rock (m)	Types of VES curve	Apparent Resistivity (Ω-m)	Types of HES curve	
2(a)	Dzuluwanda	80	55	A	99～200	b	
2(b)	Dzuluwanda	110	65	A			
5	Guliguli (B)	120	45	A			
6	Nkhwambela	90	45	A			DP65
17	Phulamazira	60	40	A			R13
19	Mpingo (II)	50	38	C			LFP28
22	Mzungu	100	65	C			
23	Mngongonda	30	65	C			
30	Kumtsizi	120	45	A			
36	Danbo	106	32	A			RM58
38	Mizati	34	40	A			
39(a)	Chiipila Sanga	120	42	A	80～300	c	
39(b)	Chiipila Sanga	260	30	B			
41	Chiipila Kakoma	40	50	A	16～60	d	
42	Guliguli (A)	90	30	B	55～200	d	
45	Geremani	52	61	C			
47	Nyanda	260	28	B	280～900	c	
54(a)	Mtsina / Kalata	120	35	A	60～310	c,d	
54(b)	Mtsina / Kalata	480	45	B			
55	Chadza	180	45	A			
57	Ntchisi	165	25	B	120～240	b	
60	Chingondo	35	30	A			
61	Chipanga	160	35	D	200～900	d	
62(a)	Mbang'ombe	180	45	D	169～320	b	C28
62(b)	Mbang'ombe	260	36	D			
73	Chimbwala	30	35	A			
82	Jonasi	25	65	C			
89	Lusha	45	25	C			
90	Dzinja	120	38	A			
92	Kadzoni	38	45	A			FC96
94	Kafunde	120	25	B			
100	Kalonga	90	30	A			
103	Semu	280	40	B			
106	Mliu	65	20	C			X25
107	Chithangile	22	45	C			
109	Chaponda	55	40	A	35～84	b	
111	Chikalipo	260	45	C			
116	Zakaliya	60	55	C			
119	Makanga	95	45	C			

T.A.Khongoni

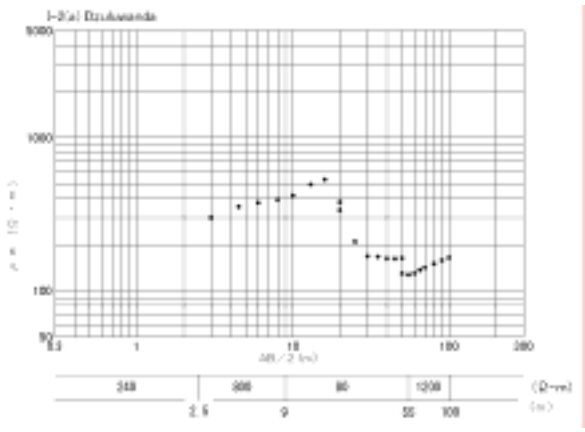
No.	Village	Results of Vertical Electric Survey			Results of Horizontal Electric Survey		BH No.
		Resistivity of Aquifer (Ω-m)	Boundary of base rock (m)	Types of VES curve	Apparent Resistivity (Ω-m)	Types of HES curve	
1	Khongoni (A)	20	40	C			LFP22
4	Kanjanja	60	40	A			
7	Levi	43～50	40	C			
11	Benjamani	110	65	A			
13	Waya	70	45	A			FC116
16	Mkhata	55	25	B			
19	Salima	35	25	C			NBC013
20	Kapudzama	80	26	C			DANIDA
23	Mtabvu	65	25	C			No.24
24	Imfa (Chiputu)	90	45	C			UBD025
26	Naferanje	65	42	C			NBC008
28	Nyanga	42	50	C			RB32
31	Gulumba	62	26	C			
32	Sixpence / Nabuzi	36	26	C			
37	Mbewa (II)	60	38	A			
39	Mwachipula	45	44	C			
42	Mtswati	80	42	C			
45(a)	Malenga	32	35	A	42～140	d	
45(b)	Malenga	50	35	A			
46	Mangilira	120	38	C			SB/07/430
56	Madzonga	32	30	C			UBC029
61(a)	Mwadzimbi	45	50	C	33～76	b	
61(b)	Mwadzimbi	58	50	C			
67	Bondo	81	54	A			RM49
69(a)	Kazambala	65	40	A	39～160	b	
69(b)	Kazambala	80	35	A			
70	Chigowo	30	34	A			SB/07/323
79	Chilowa	76	28	A			E317
82	Kawalika	55	48	A			
85(a)	Msema	120	35	A	28～180	c	
85(b)	Msema	240	35	A			
89(a)	Chimonbo (II)	120	38	A	33～580	c	
89(b)	Chimonbo (II)	150	16	B			
90	Makowa	30	45	C			DM13
94	Kasalika	40	45	A	46～70	a	
103	Kaodzera (B)	74	75	A			
116	Mwanda	100	45	A			
120	Magengera	22	45	A			
121	Kakoloweko	90	45	A			DM9
123	Kachera	86	40	A			
124	Changwe	55	32	A			
126	Mkwinda	140	18	C			
128(a)	Khofi	40	40	A	7.4～300	c	
128(b)	Khofi	60	32	A			
129(a)	Makwenbe	30	34	A	22～62	b	
129(b)	Makwenbe	29	35	A			
131(a)	Mwanmbakulu	30	62	C	31～97	b	
131(b)	Mwanmbakulu	60	55	C			
133(a)	Nkhawa	40	45	A	38～220	c	
133(b)	Nkhawa	120	24	B			
	Kasiya Sch.	34	32	C			B/H
	Mbewa	140	45	A			DM17

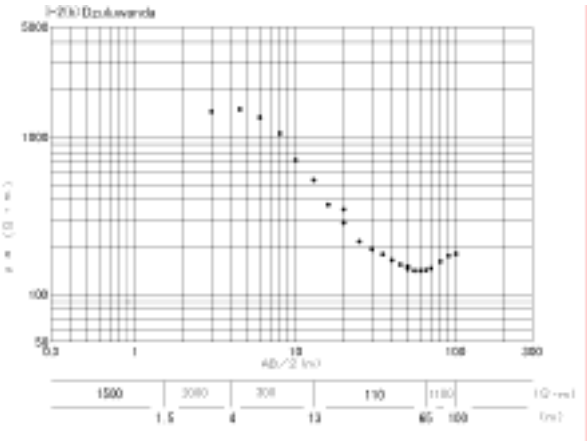
Result of VES: VES curve classification

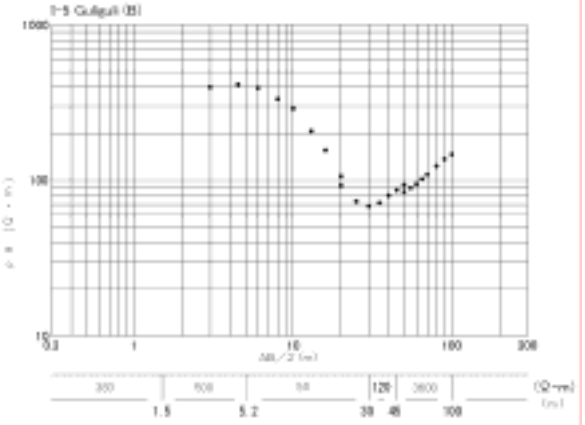
Type	Characteristic
A	Distribution area of P/Ml layer. Bottom and top layer show high resistivity.Intermadeate layers show relatively low value.
B	Distribution area of P/Ml layer. Base rocks appear more shallower than Type-A.
C	This area may have graphite inside the P layer area. Resistivity of the last layer show low value.
D	Distribution area of Md layer. Similar to type A. Resistivity of aquifer is high.

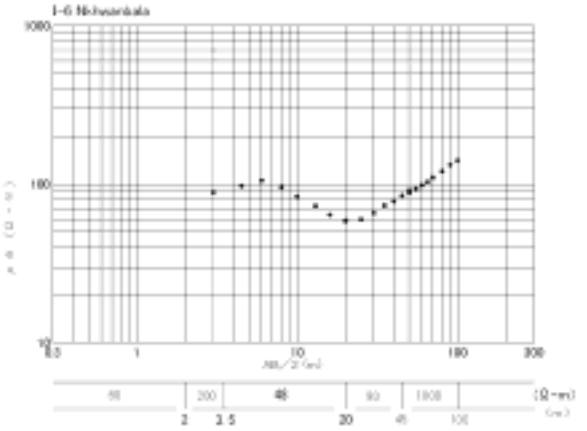
Result of HES: HES curve classification

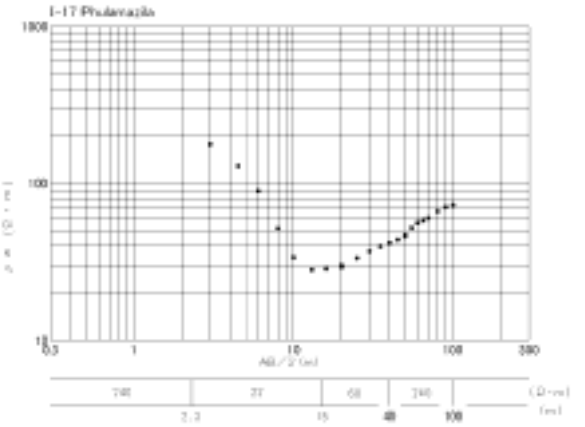
Type	Characteristic
a	smooth
b	curves with small ups and downs
c	increasing or decreasing monotonously
d	curves with large ups and downs

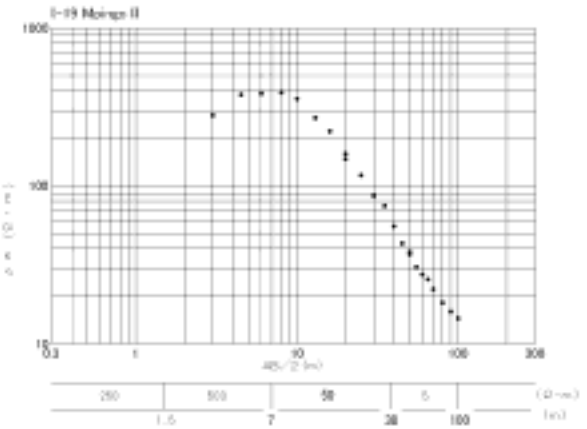

I-2(a) Dzukuwanda
AB/2 (m)
(Ω-m)
(m)

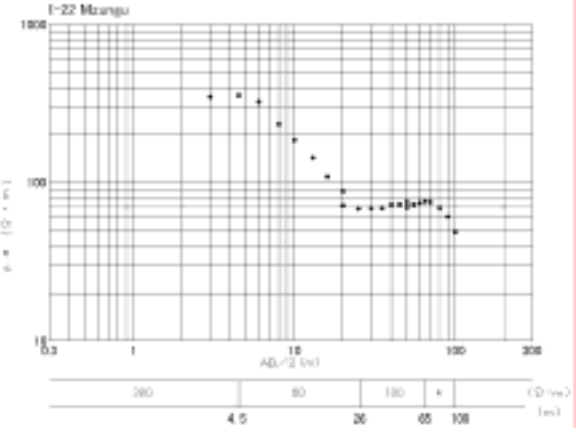

I-2(b) Dzukuwanda
AB/2 (m)
(Ω-m)
(m)

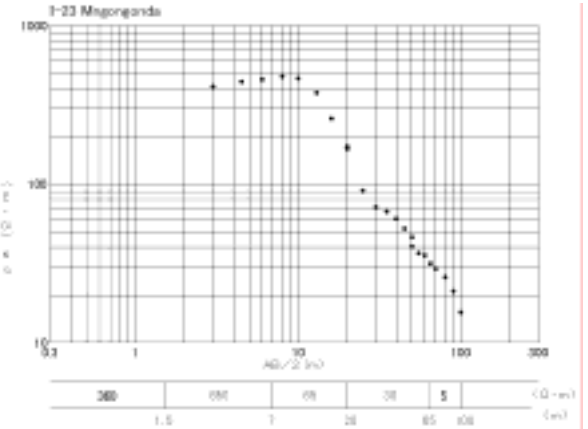

I-5 Gulguli (B)
AB/2 (m)
(Ω-m)
(m)

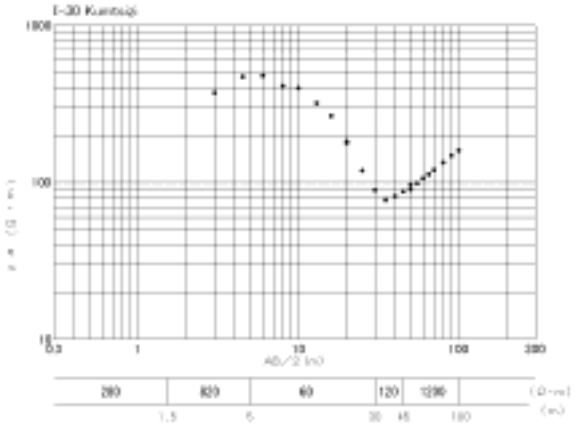

I-6 Nkhwanbala
AB/2 (m)
(Ω-m)
(m)

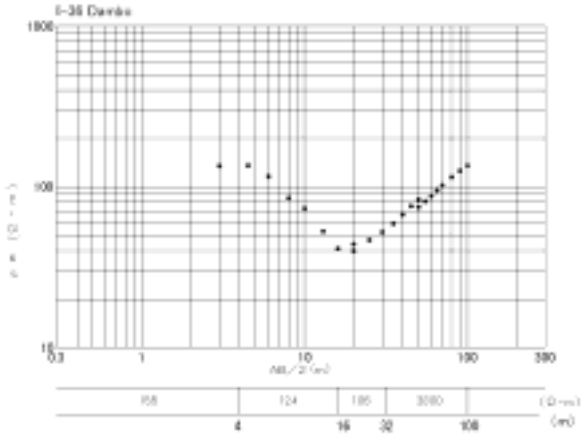

I-17 Phalamajila
AB/2 (m)
(Ω-m)
(m)

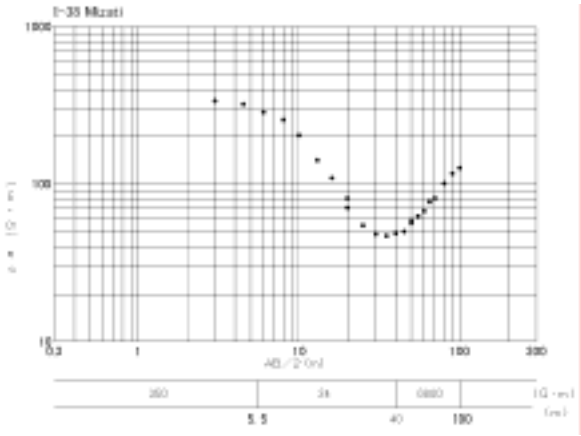

I-19 Mpingo II
AB/2 (m)
(Ω-m)
(m)

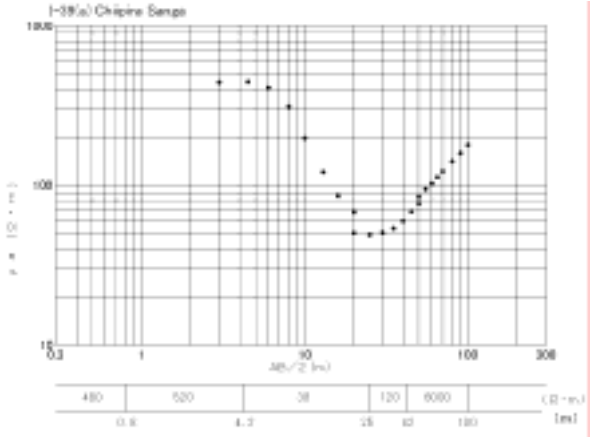

I-22 Mzungu
AB/2 (m)
(Ω-m)
(m)

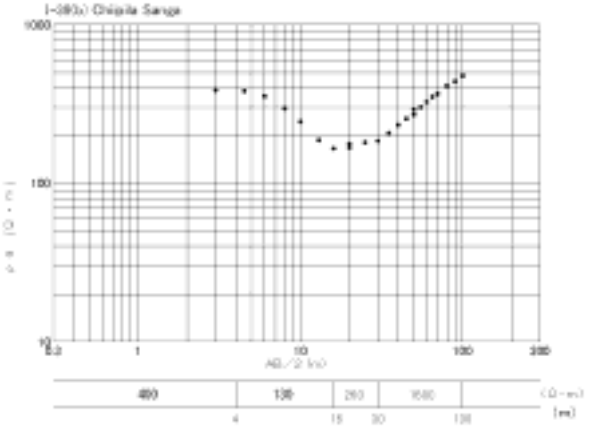

I-23 Mgongonda
AB/2 (m)
(Ω-m)
(m)

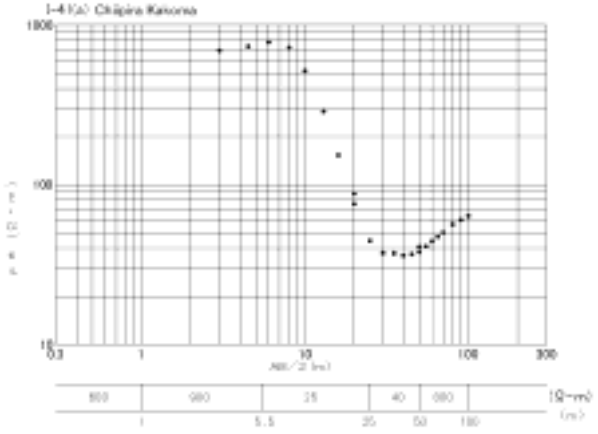

I-30 Kuntaaja
ρa (Ω・m)
AB/2 (m)
280
820
60
120
1290
(Ω・m)
1.5
5
30
45
180
(m)

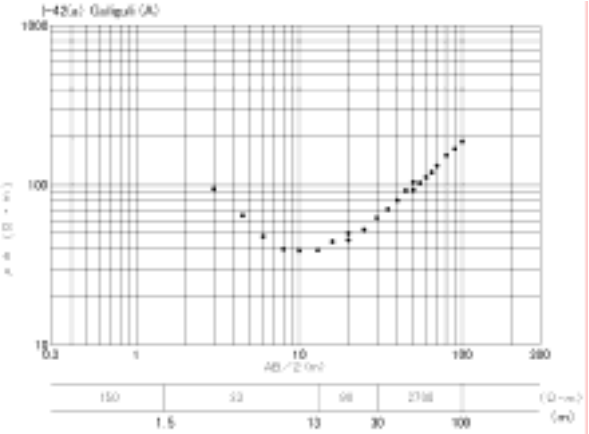

I-36 Dambo
ρa (Ω・m)
AB/2 (m)
958
124
185
3080
(Ω・m)
4
16
32
108
(m)

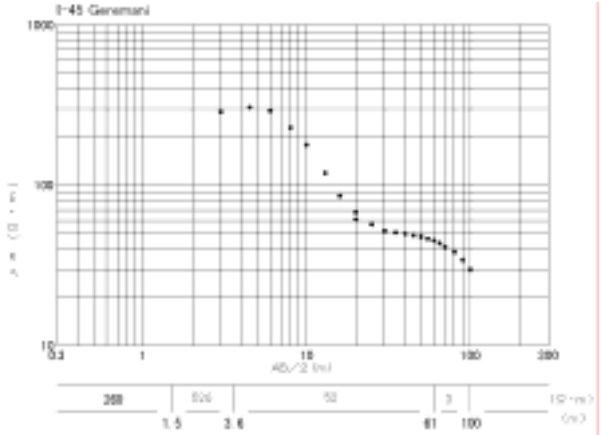

I-35 Mizati
ρa (Ω・m)
AB/2 (m)
360
34
6880
(Ω・m)
5.5
40
180
(m)

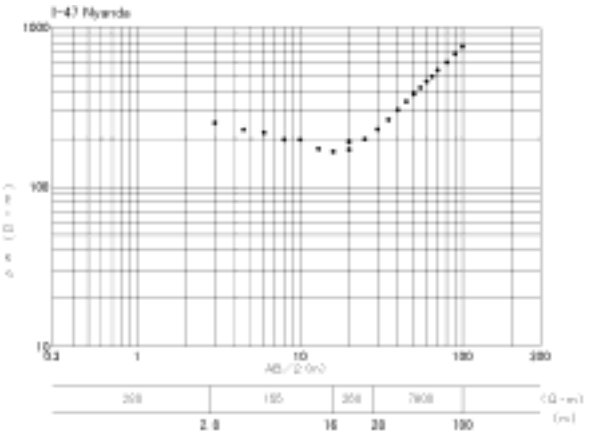

I-39(a) Chipiro Senga
ρa (Ω・m)
AB/2 (m)
480
520
38
120
6080
(Ω・m)
0.8
4.3
25
82
180
(m)

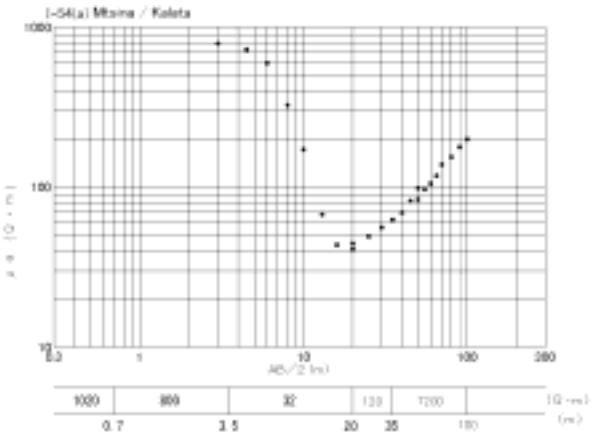

I-39(b) Chipiro Senga
ρa (Ω・m)
AB/2 (m)
480
138
260
9580
(Ω・m)
4
15
30
138
(m)

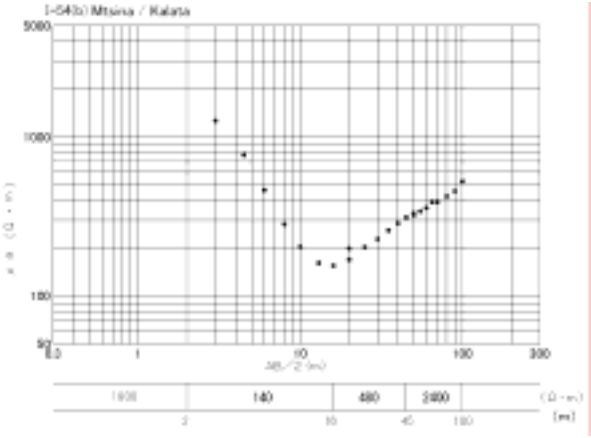

I-41(a) Chipiro Kaiyona
ρa (Ω・m)
AB/2 (m)
800
980
35
40
080
(Ω・m)
1
5.5
25
50
180
(m)

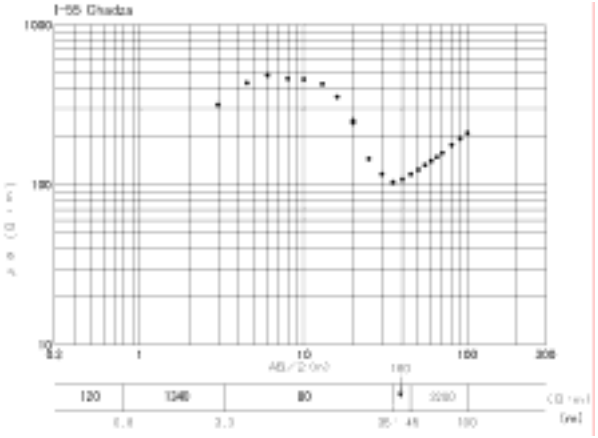

I-42(a) Gallguli (A)
ρa (Ω・m)
AB/2 (m)
150
32
98
2780
(Ω・m)
1.5
13
30
100
(m)

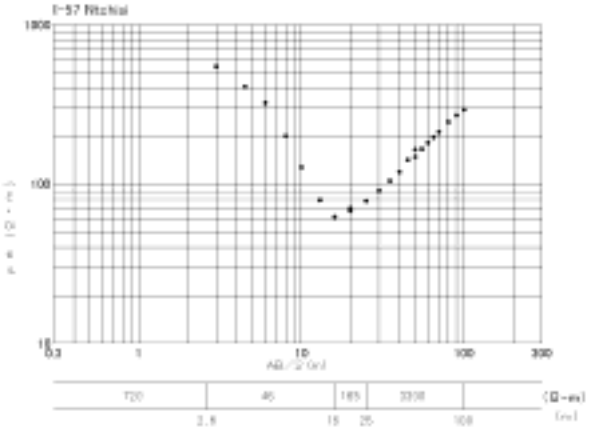

I-45 Genemani
ρa (Ω・m)
AB/2 (m)
388
526
52
3
(Ω・m)
1.5
3.6
81
100
(m)

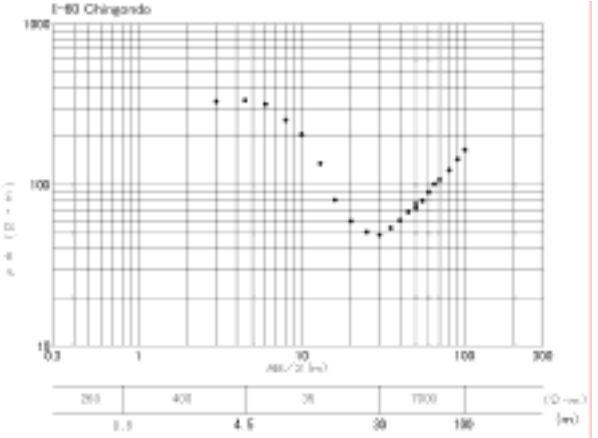

I-47 Nyanda

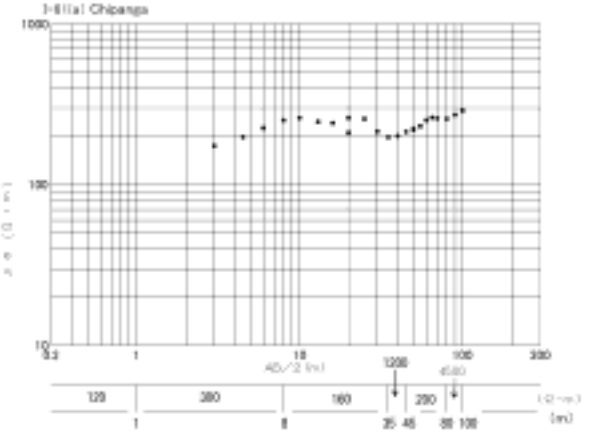

I-54(a) Mtsima / Kaleta

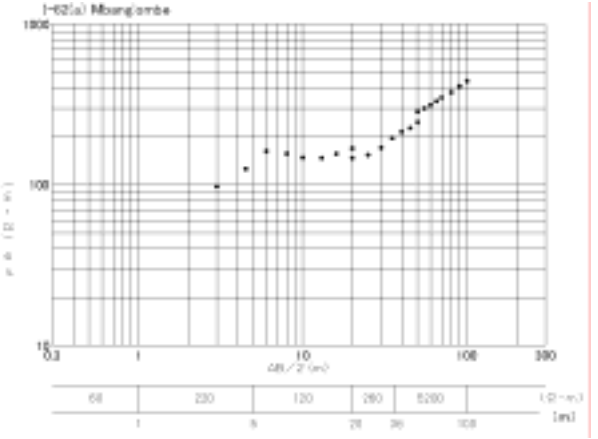

I-54(b) Mtsima / Kalata

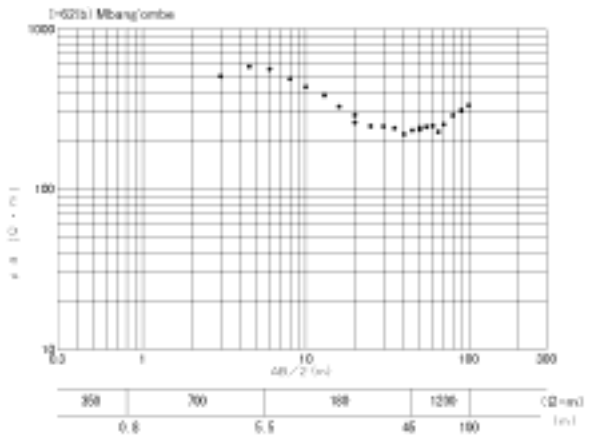

I-55 Chadza

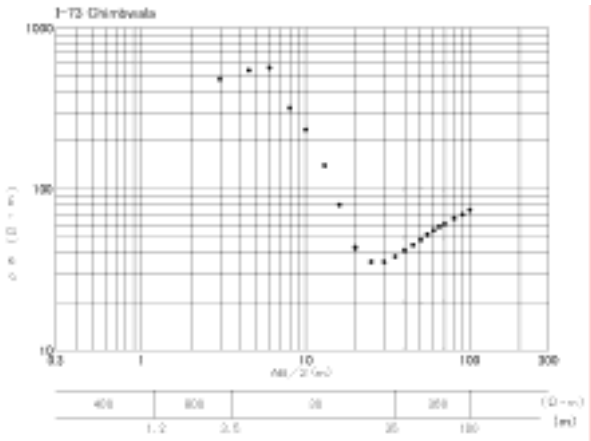

I-57 Ntchisi

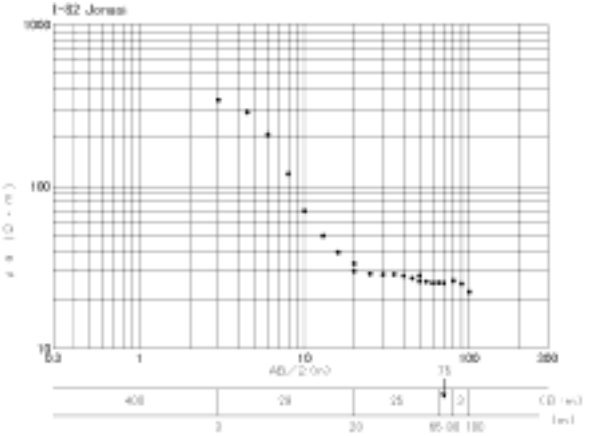

I-60 Chingondo

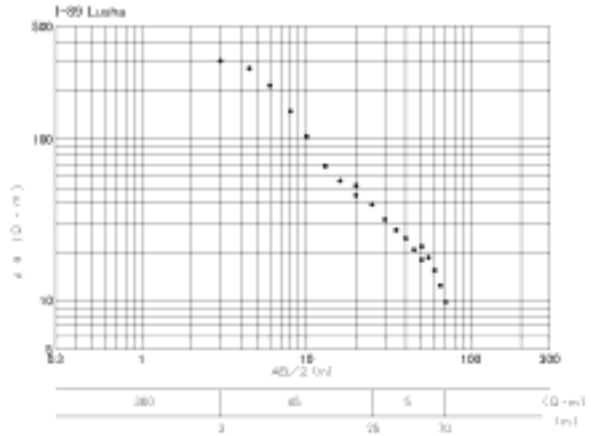

I-61(a) Chipanga

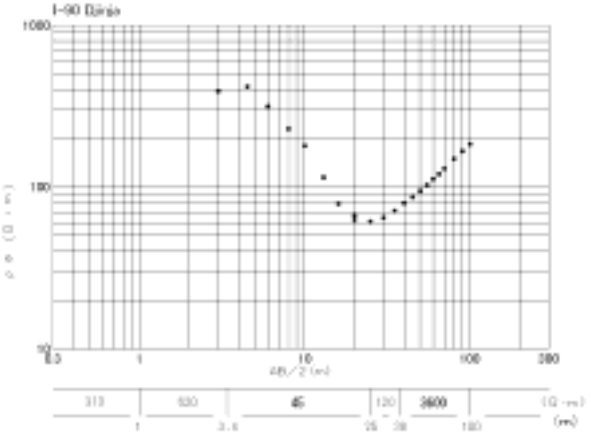

I-62(a) Mbang'ombe

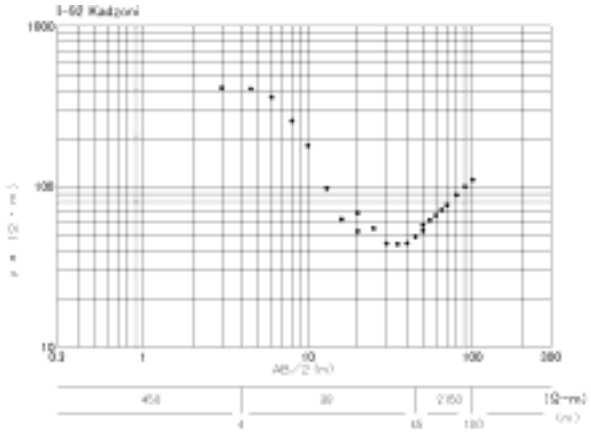

I-62(b) Mbang'ombe
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
350
700
188
1200
(Ω-m)
0.8
5.5
45
180
(m)

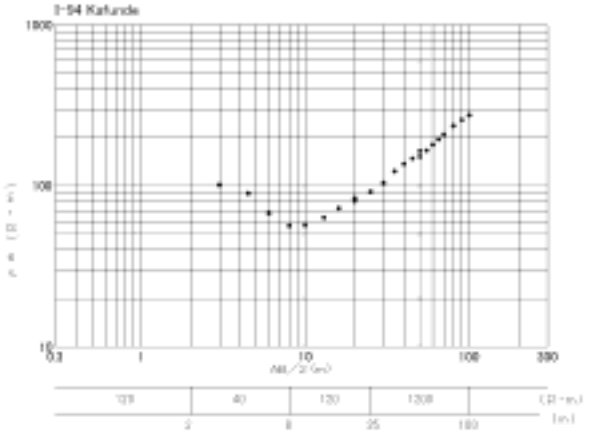

I-73 Chimbwala
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
(Ω-m)
(m)

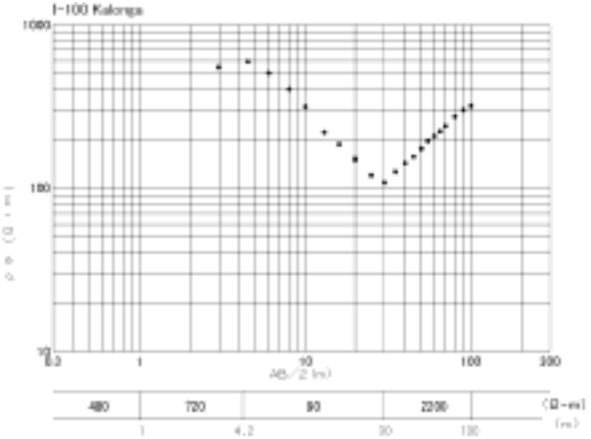

I-82 Jonas
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
75
408
28
25
2
(Ω-m)
3
20
65 68 180
(m)

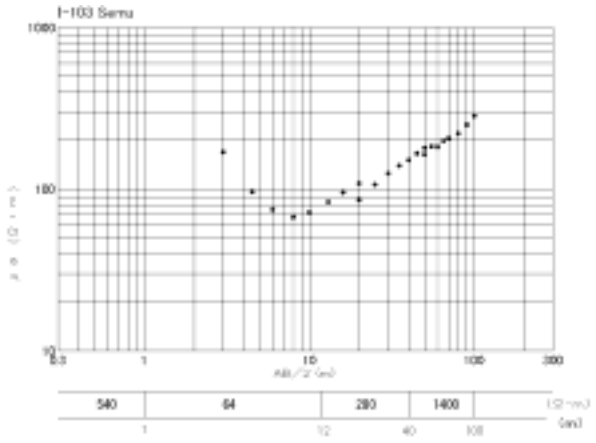

I-89 Lusha
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
280
65
5
(Ω-m)
3
25
30
(m)

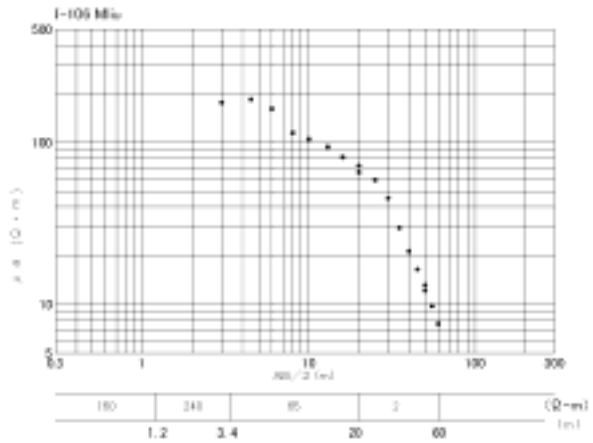

I-90 Djinja
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
313
530
45
120
3600
(Ω-m)
1
3.5
25
38
180
(m)

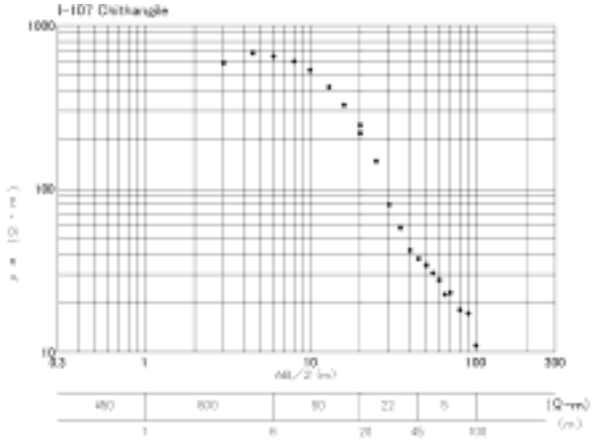

I-93 Kadzoni
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
458
30
2150
(Ω-m)
4
65
180
(m)

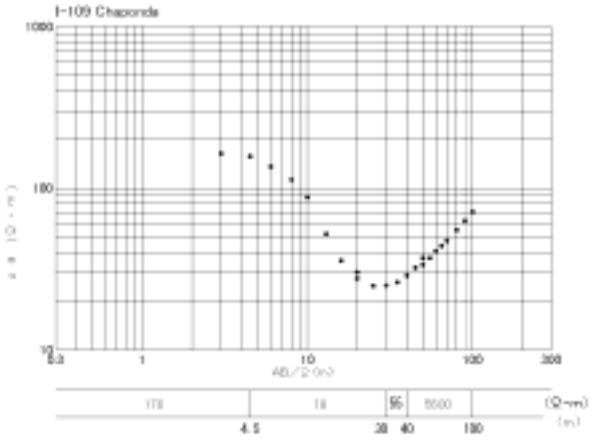

I-94 Kafunde
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
129
40
120
1200
(Ω-m)
2
8
25
180
(m)

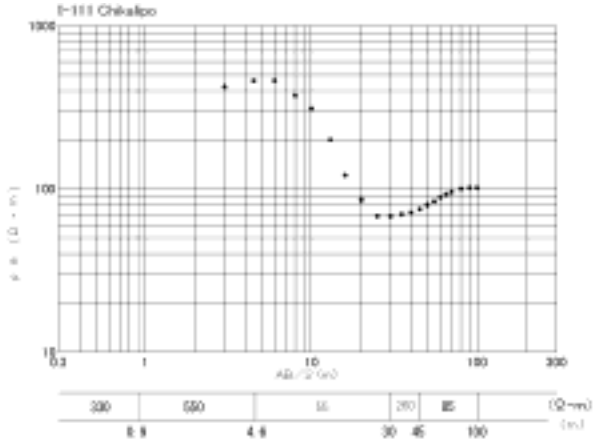

I-100 Kalonga
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
480
720
90
2200
(Ω-m)
1
4.2
30
180
(m)

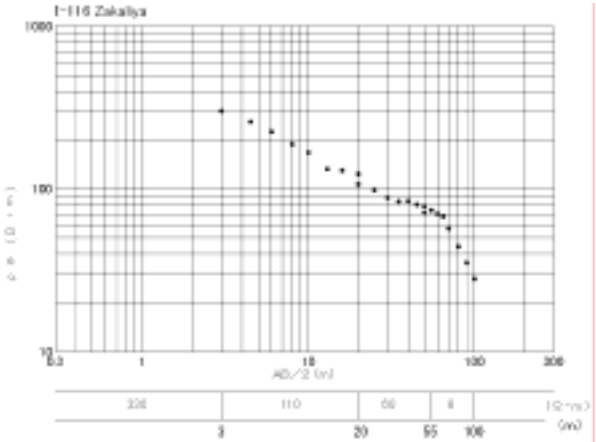

I-103 Semu
ρa (Ω・m)
AB/2 (m)
540
64
280
1400
(Ω-m)
(m)

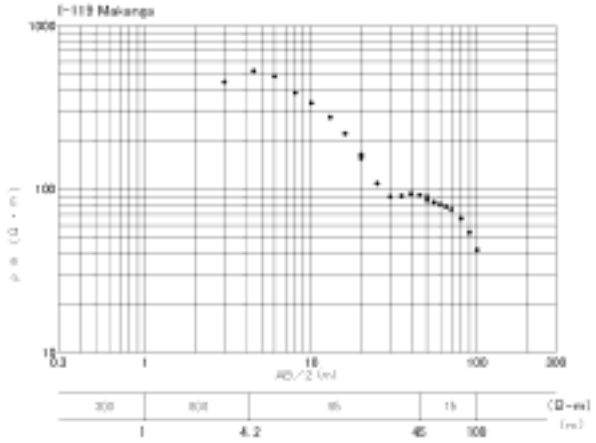

I-106 Milo
ρa (Ω・m)
AB/2 (m)
180
240
85
3
(Ω-m)
1.2
3.4
20
60
(m)

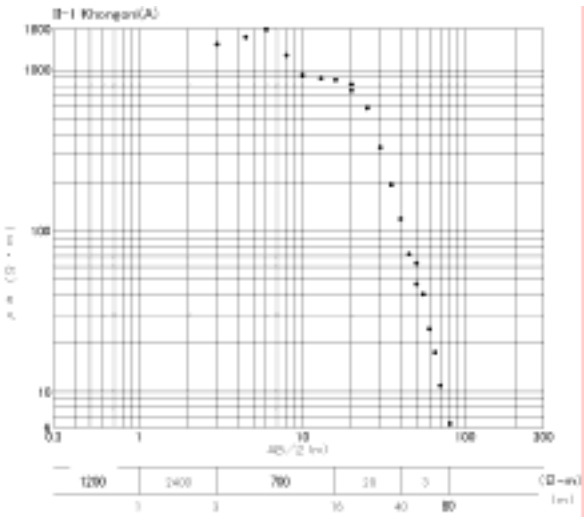

I-107 Chitharigile
ρa (Ω・m)
AB/2 (m)
480
800
80
22
5
(Ω-m)
(m)

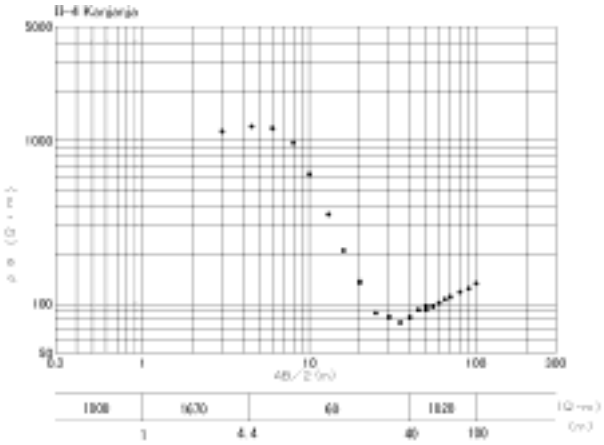

I-109 Chaponda
ρa (Ω・m)
AB/2 (m)
178
18
55
5500
(Ω-m)
4.5
30
40
180
(m)

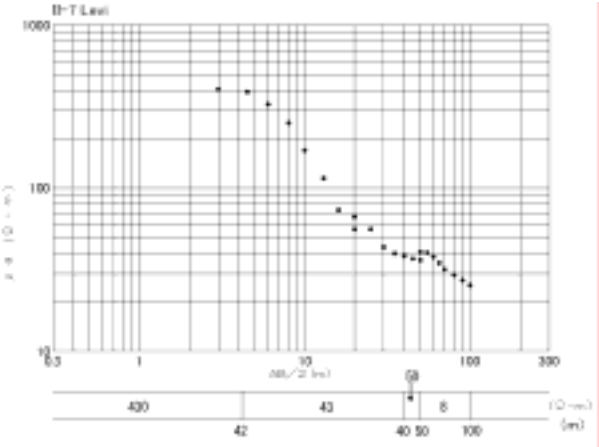

I-111 Chikalipo
ρa (Ω・m)
AB/2 (m)
330
550
85
(Ω-m)
0.9
4.6
30
45
100
(m)

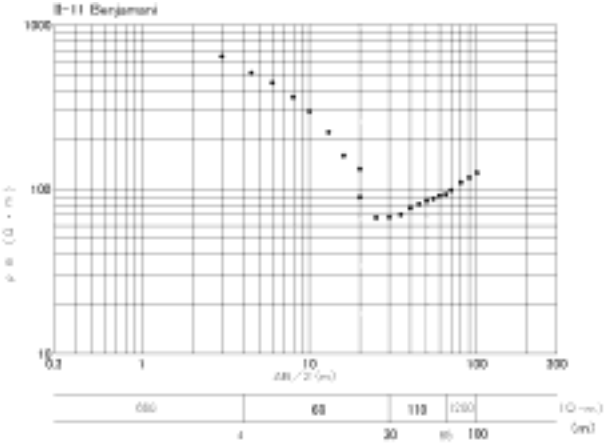

I-116 Zakallya
ρa (Ω・m)
AB/2 (m)
328
110
60
8
(Ω-m)
3
20
55
100
(m)

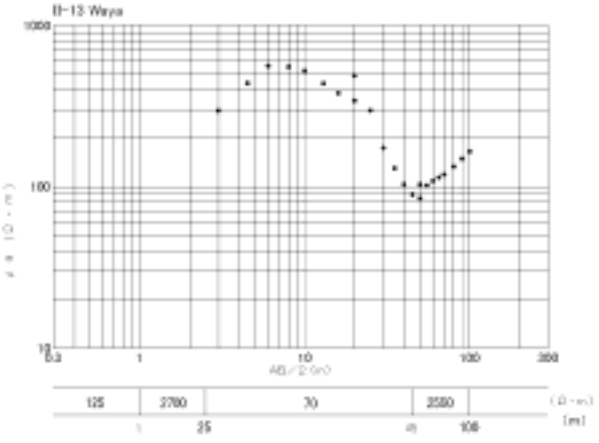

I-119 Malanga
ρa (Ω・m)
AB/2 (m)
300
800
85
15
(Ω-m)
1
4.2
45
300
(m)

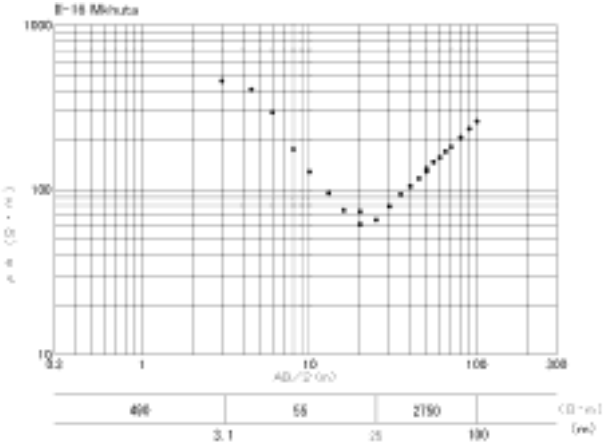

B-1 Khongoni(A)
1800
1000
100
10
5
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
1200
2400
700
28
3
(Ω-m)
3
3
16
40
80
(m)

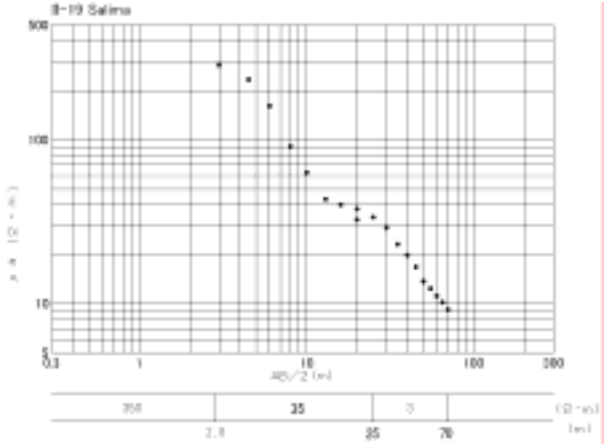

B-4 Kanjanja
5000
1000
100
50
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
1908
1630
68
1828
(Ω-m)
1
4.4
40
180
(m)

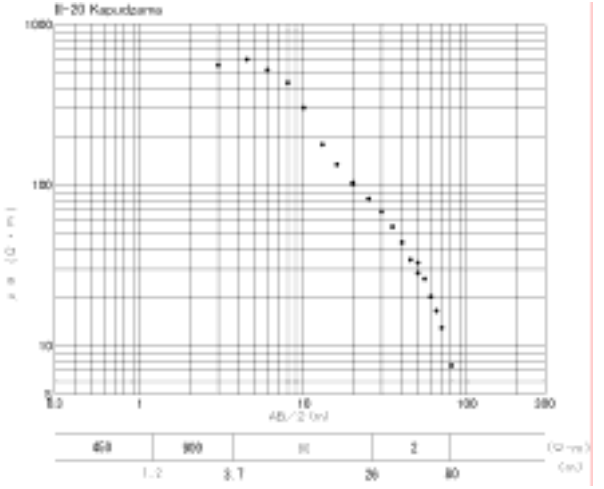

B-7 Lavi
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
400
43
8
(Ω-m)
42
40 50
100
(m)

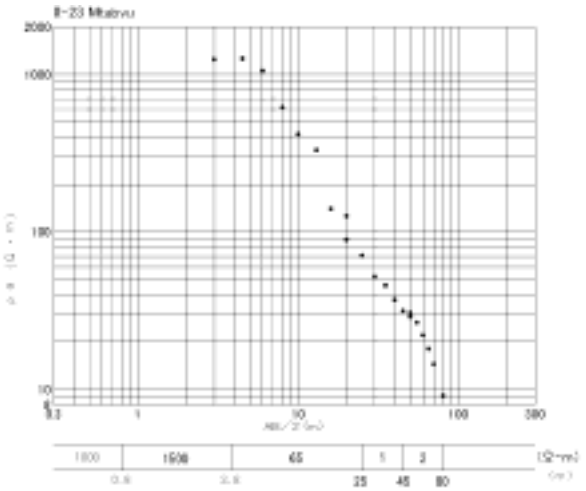

B-11 Benjamani
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
(Ω-m)
(m)

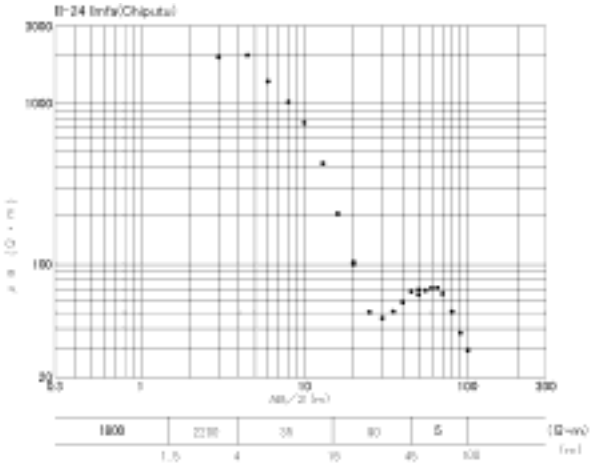

B-13 Waya
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
125
2780
70
2580
(Ω-m)
1
25
100
(m)

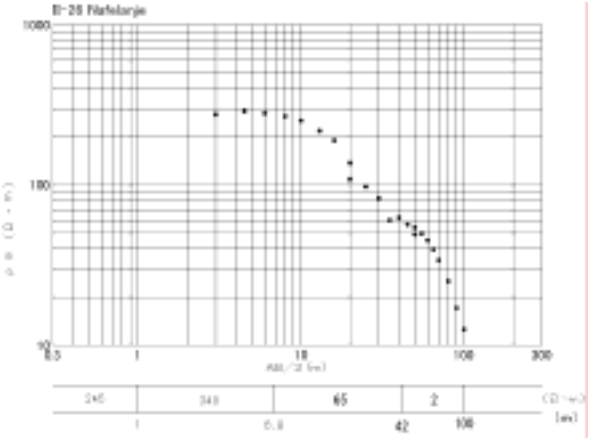

B-16 Mkhuta
1000
100
10
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
498
55
2790
(Ω-m)
3.1
25
100
(m)

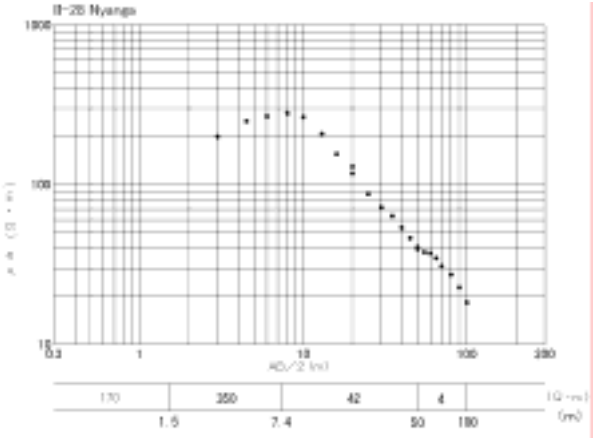

B-19 Salima
500
100
10
5
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
358
35
3
(Ω-m)
2.8
35
70
(m)

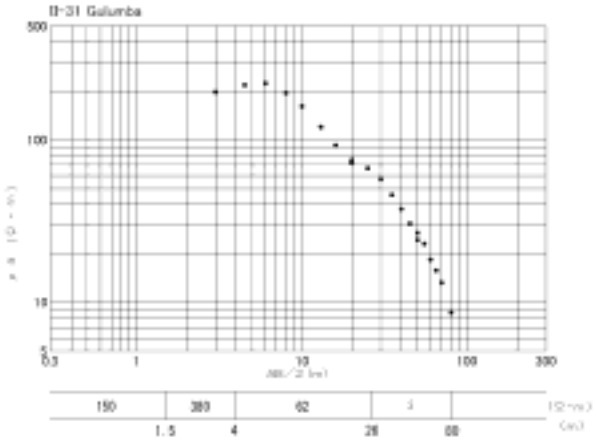

B-20 Kapudzama
1000
100
10
5
0.3
1
10
100
300
AB/2 (m)
ρa (Ω・m)
450
800
2
(Ω-m)
1.2
3.7
20
80
(m)

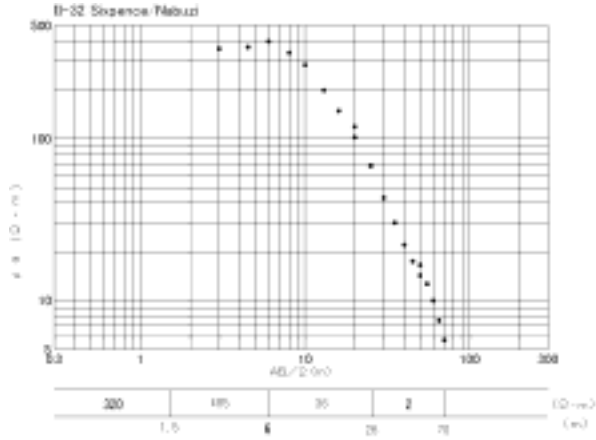

B-23 Mtatvu
1800
1508
65
5
3
(Ω-m)
(m)

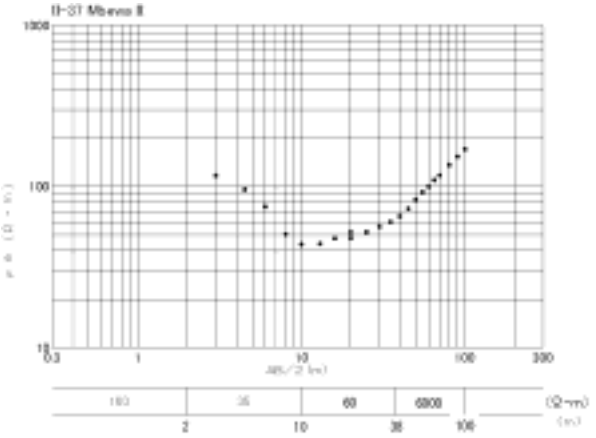

B-24 Imfa/Chiputsi
1800
2230
38
80
5
(Ω-m)
(m)

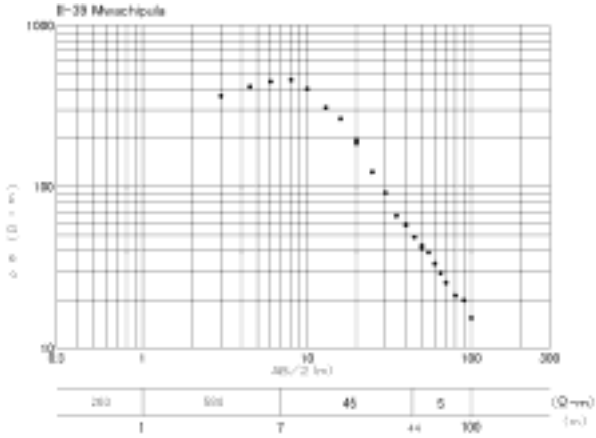

B-26 Nafelanje
245
340
65
2
(Ω-m)
(m)

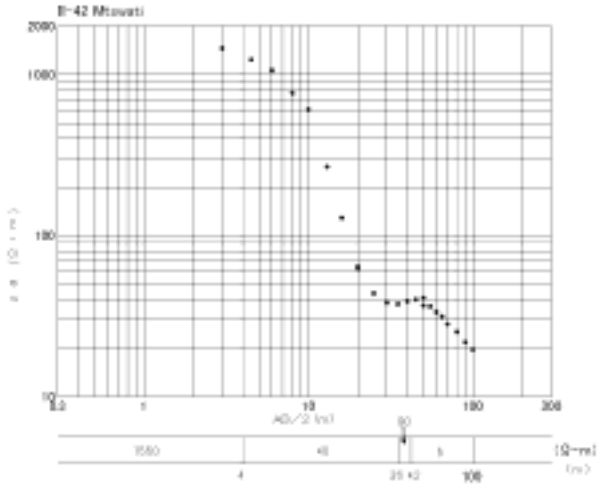

B-28 Nyanga
130
350
42
4
(Ω-m)
(m)

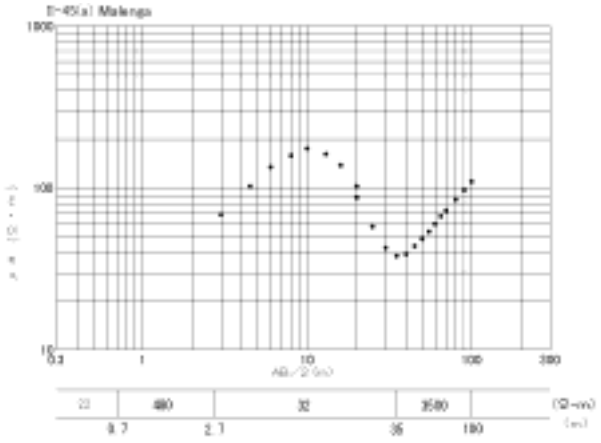

B-31 Gulumba
150
380
62
3
(Ω-m)
(m)

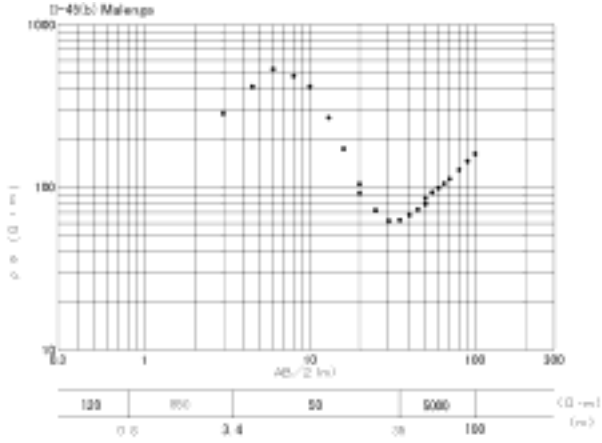

B-32 Sixpence/Ndouzi
320
185
35
2
(Ω-m)
(m)

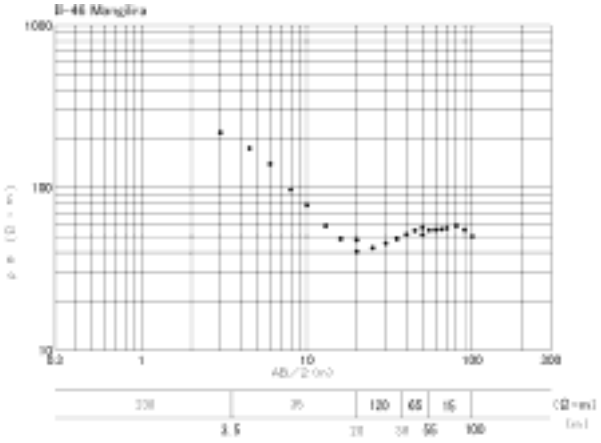

B-37 Mbewa II
180
35
60
6800
(Ω-m)
(m)

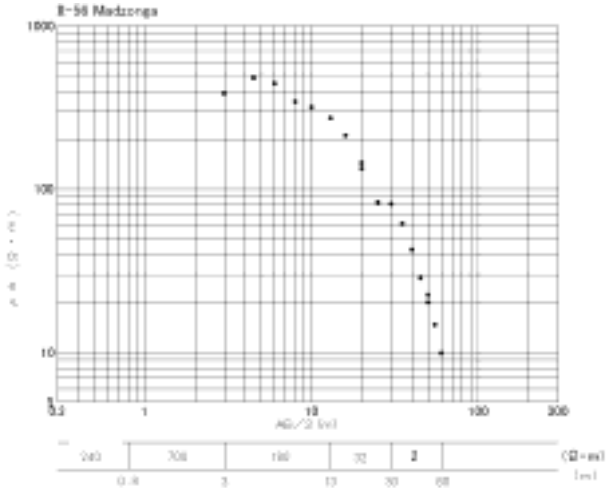

B-39 Mwachipula
280
500
45
5
(Ω-m)
(m)

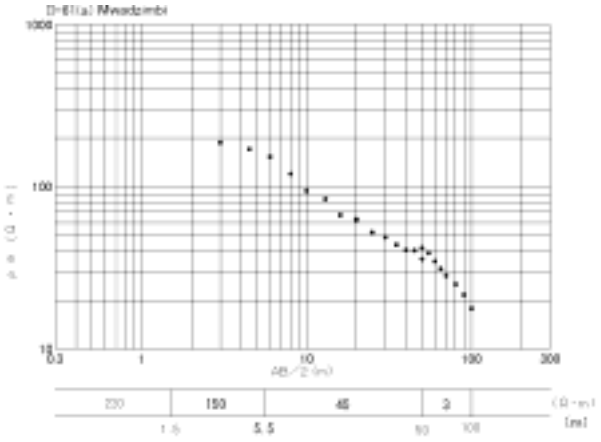

D-42 Mtsvati
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

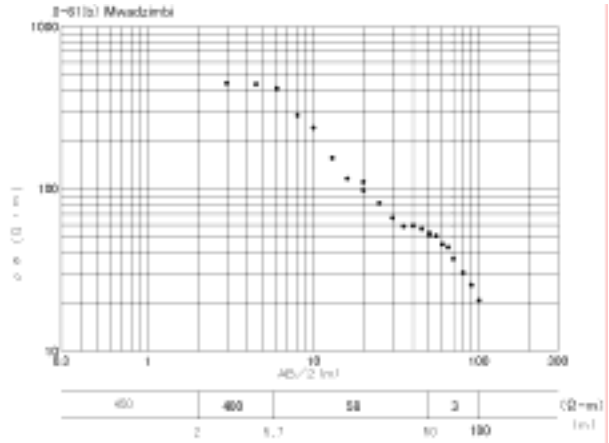

D-45(a) Malenga
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

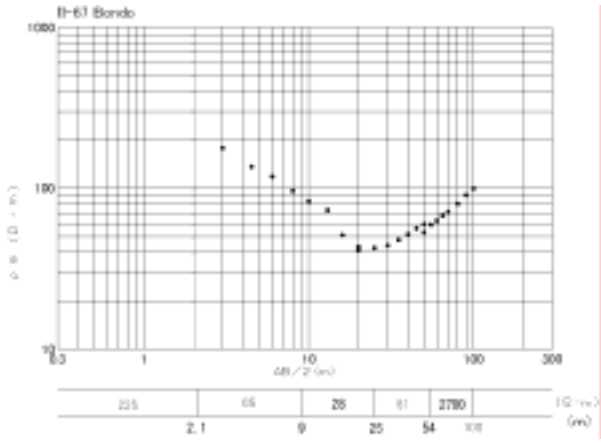

D-45(b) Malenga
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

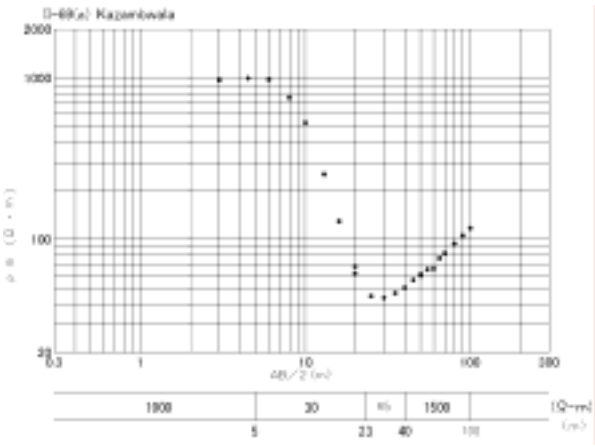

D-46 Mangilira
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

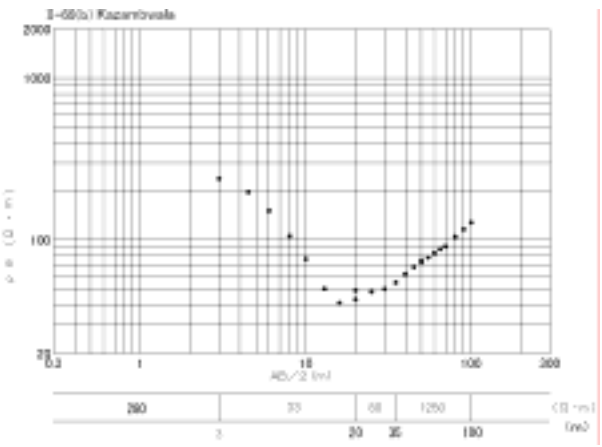

D-58 Madzonga
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

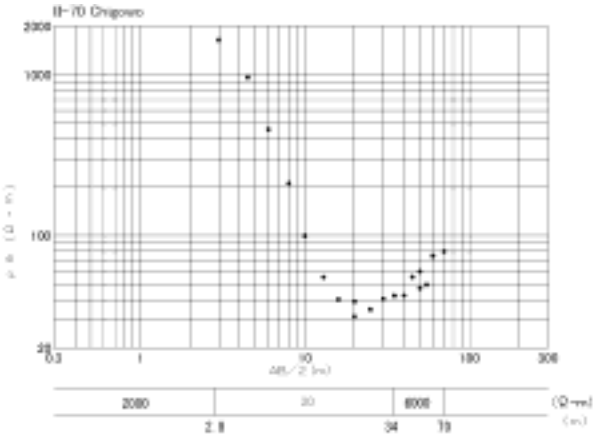

D-61(a) Mvadzimbi
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

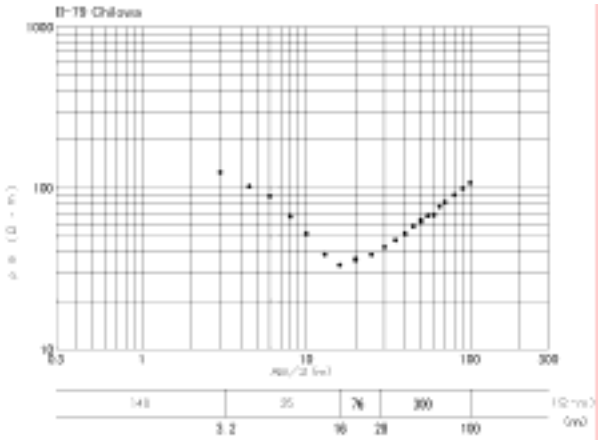

D-61(b) Mvadzimbi
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

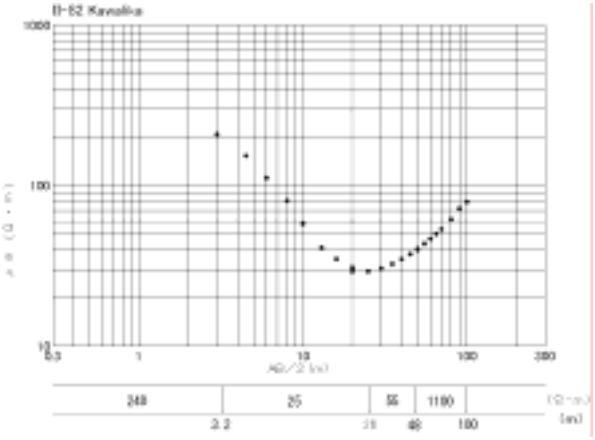

D-63 Bondo
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

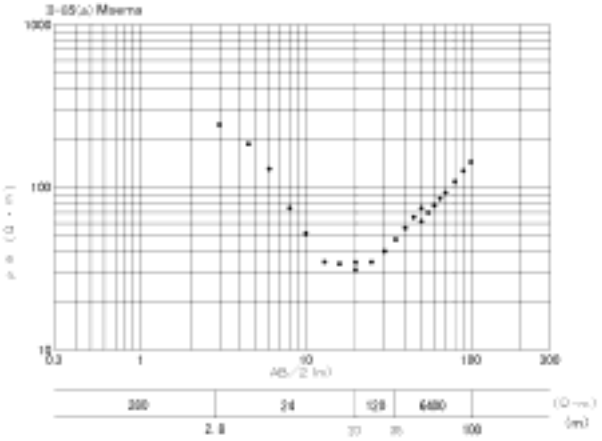

D-69(a) Kazembwala
ρa (Ω・m)
AB/2 (m)
1900
30
1500
(Ω-m)
(m)

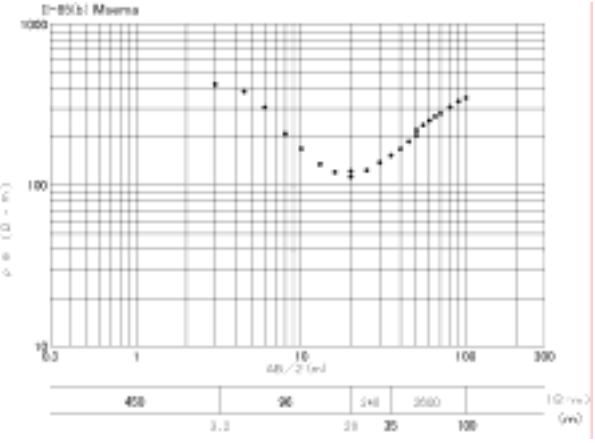

D-69(b) Kazembwala
ρa (Ω・m)
AB/2 (m)
260
(Ω-m)
(m)

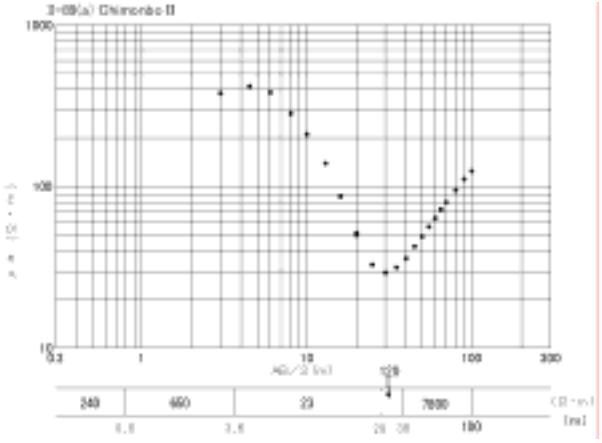

D-70 Chigoro
ρa (Ω・m)
AB/2 (m)
2080
6000
(Ω-m)
(m)

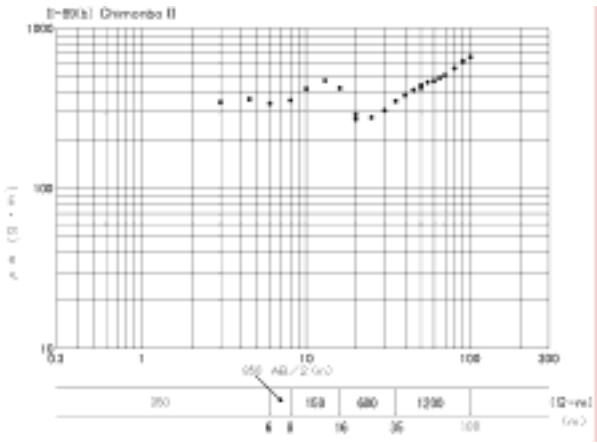

D-75 Chilowa
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

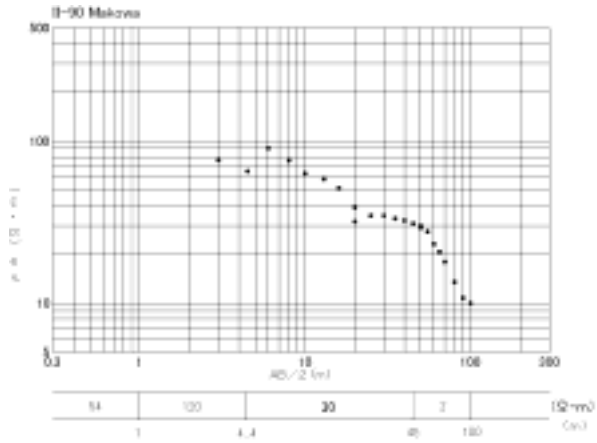

D-62 Kavalika
ρa (Ω・m)
AB/2 (m)
240
25
1180
(Ω-m)
(m)

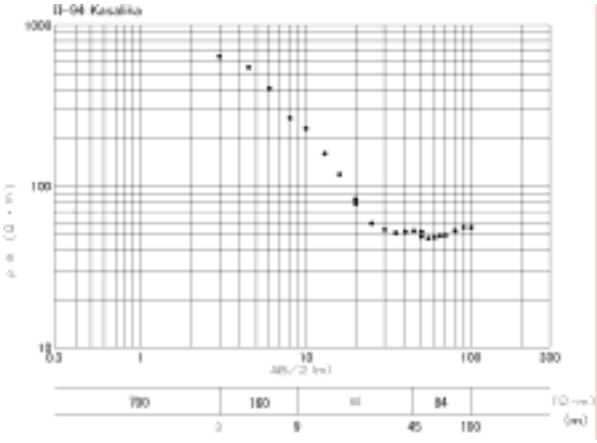

D-65(a) Mwema
ρa (Ω・m)
AB/2 (m)
(Ω-m)
(m)

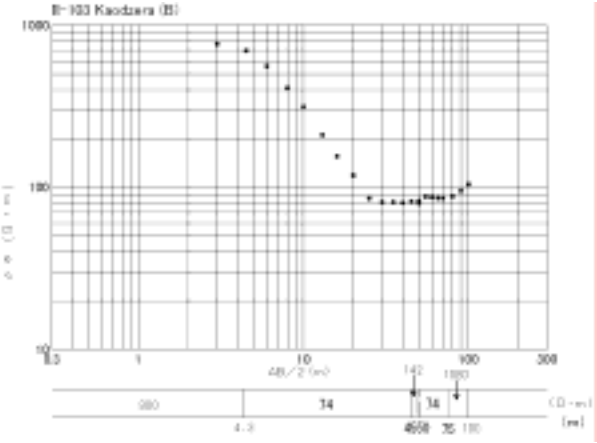

D-65(b) Mwema
ρa (Ω・m)
AB/2 (m)
450
96
(Ω-m)
(m)

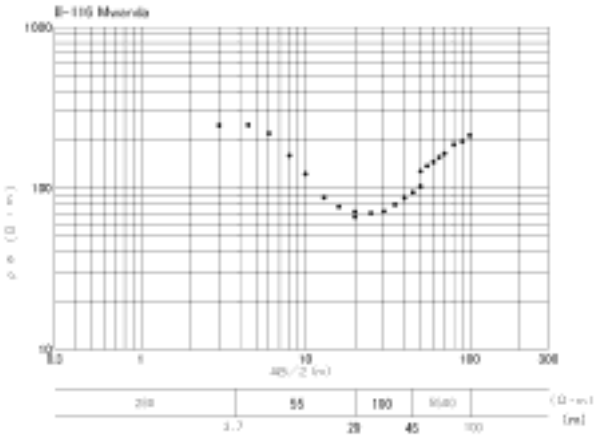

D-69(a) Chimombo II
ρa (Ω・m)
AB/2 (m)
240
460
23
7600
(Ω-m)
(m)

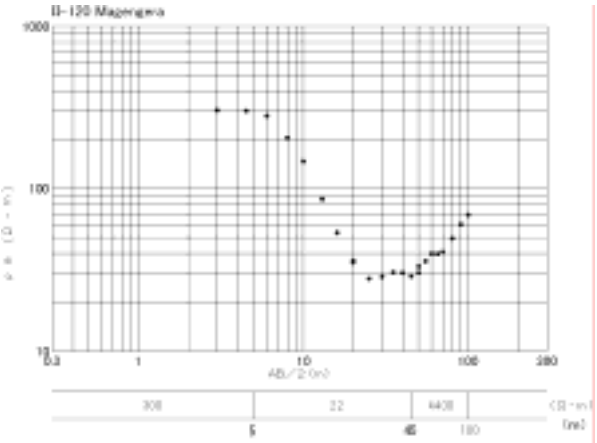

B-93(b) Chimombo II
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

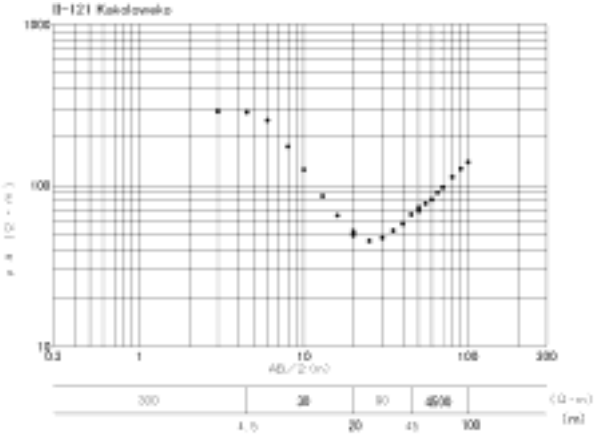

B-90 Makawa
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

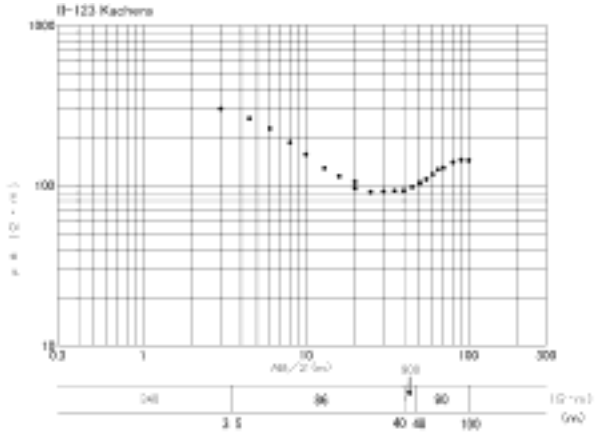

B-94 Kasalika
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

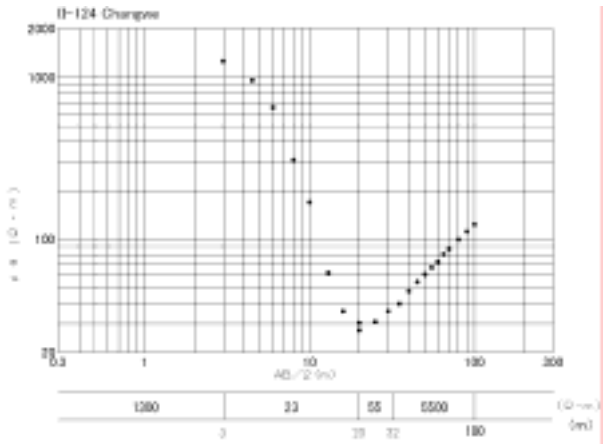

B-103 Kaodzera (B)
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

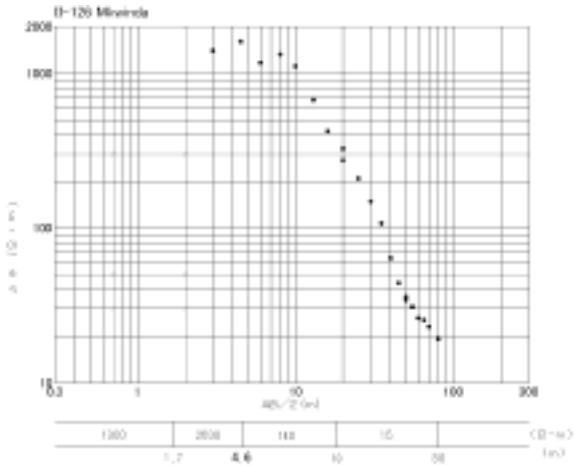

B-116 Mwanda
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

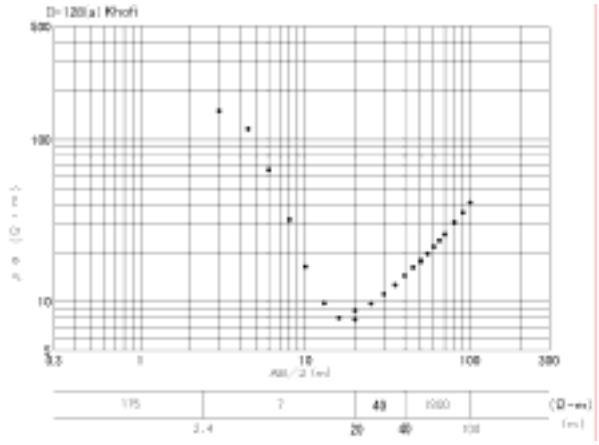

B-130 Magengeya
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

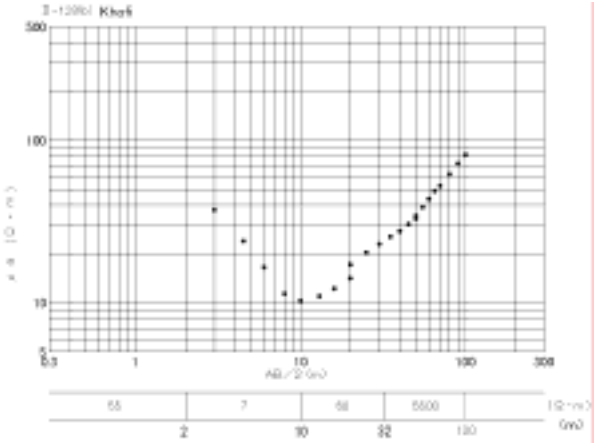

B-121 Kakolowaka
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

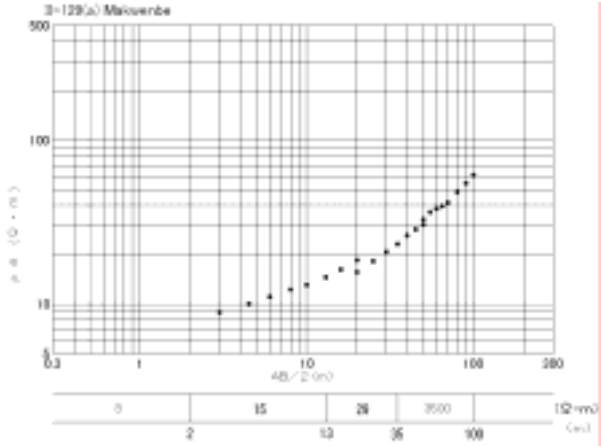

B-123 Kachera
ρa (Ω・m)
AB/2 (m)
(Ω・m)
(m)

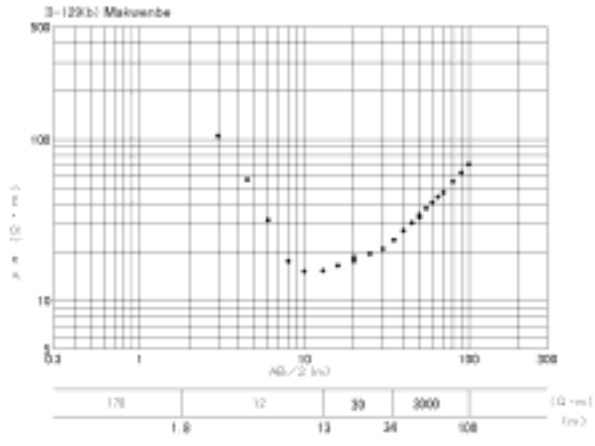

D-124 Changaw
AB/2 (m)
ρa (Ω・m)
1280
23
55
5500
(Ω-m)
(m)

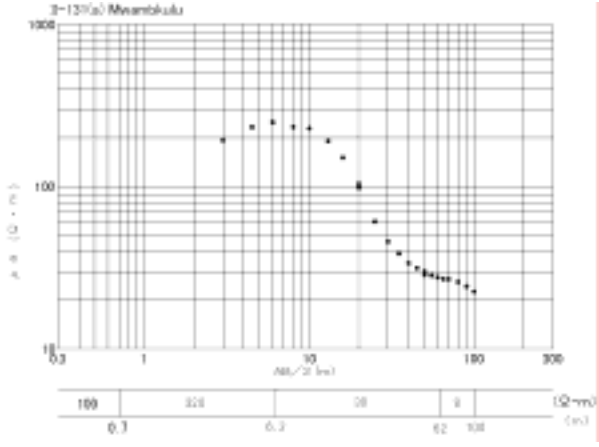

D-126 Mwanda
AB/2 (m)
ρa (Ω・m)
(Ω-m)
(m)

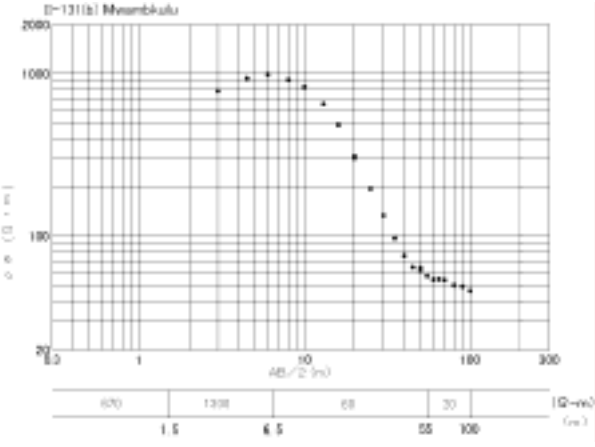

D-128(a) Khofi
AB/2 (m)
ρa (Ω・m)
175
7
49
1080
(Ω-m)
(m)

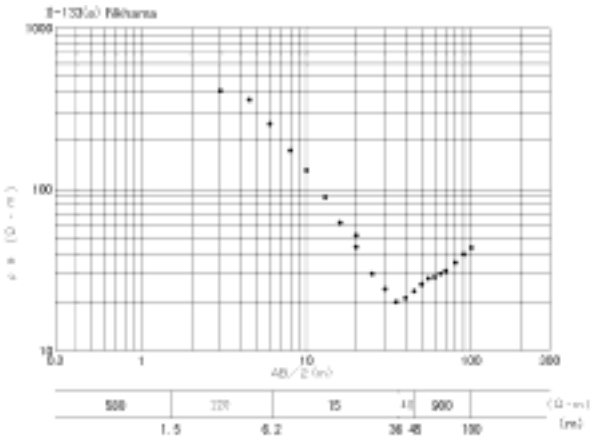

D-128(b) Khofi
AB/2 (m)
ρa (Ω・m)
55
7
58
5500
(Ω-m)
(m)

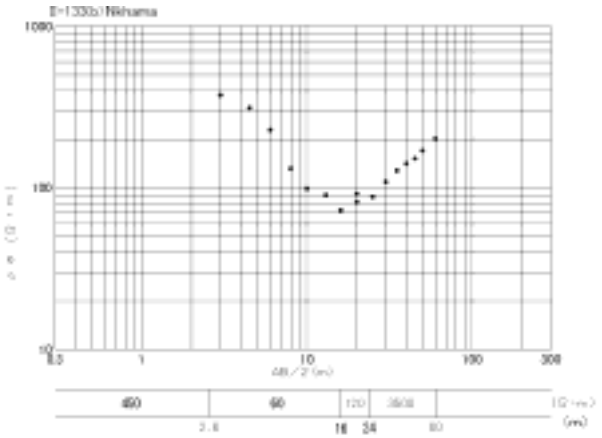

D-129(a) Makwemba
AB/2 (m)
ρa (Ω・m)
8
15
28
3500
(Ω-m)
(m)

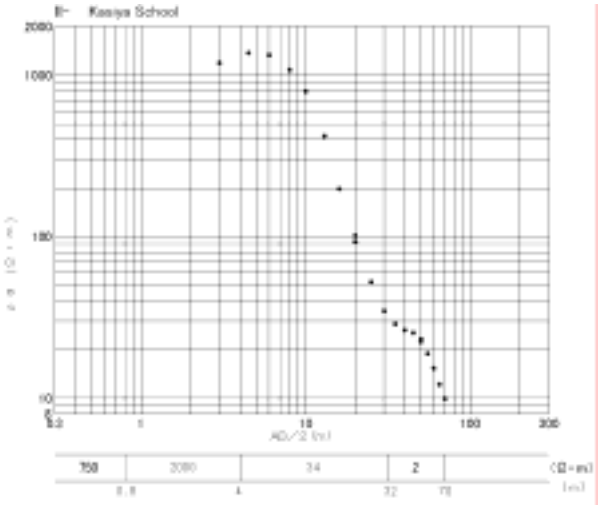

D-129(b) Makwemba
AB/2 (m)
ρa (Ω・m)
178
12
39
3000
(Ω-m)
(m)

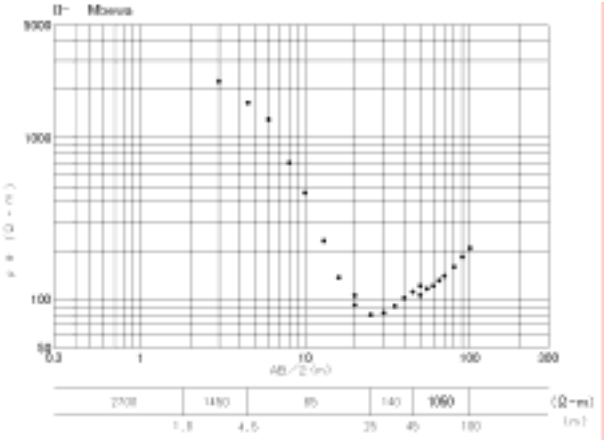

D-130(a) Mwambokulu
AB/2 (m)
ρa (Ω・m)
100
328
38
9
(Ω-m)
(m)


D-131(b) Mwambokulu
AB/2 (m)
ρa (Ω・m)
670
1308
68
20
(Ω-m)
(m)

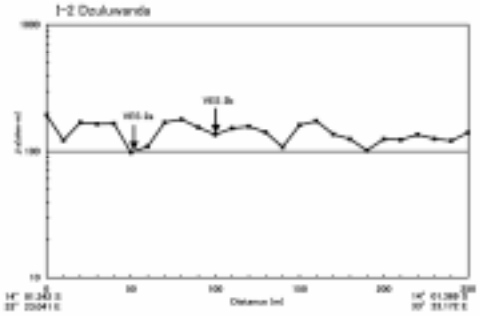

B-133(a) Nkhama
AB/2 (m)
(Ω-m)
(m)

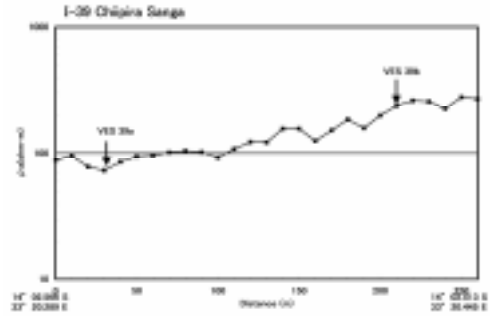

B-133b) Nkhama
AB/2 (m)
(Ω-m)
(m)

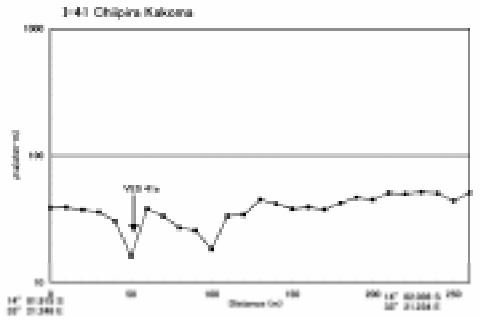

B- Kasaya School
AB/2 (m)
(Ω-m)
(m)

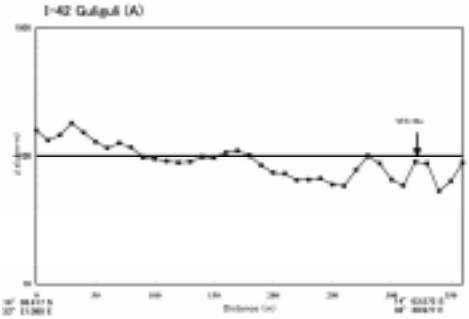

B- Mbewa
AB/2 (m)
(Ω-m)
(m)

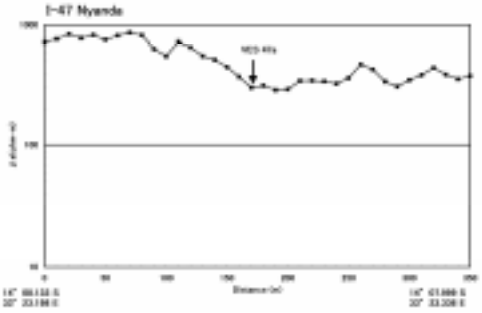
T.A.Kalolo

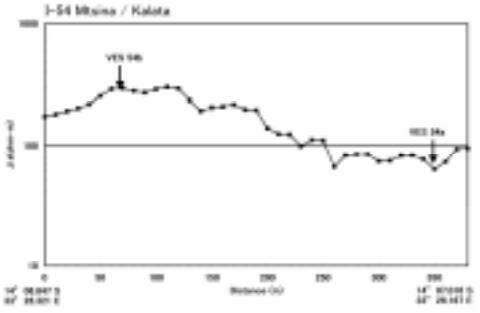

I-2 Ouluvanda

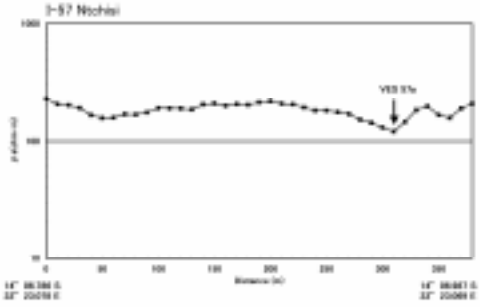

I-39 Chipira Sanga

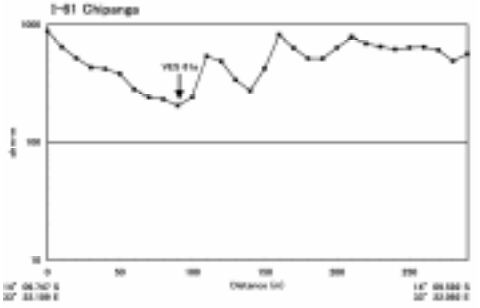

I-41 Chipira Kakoma

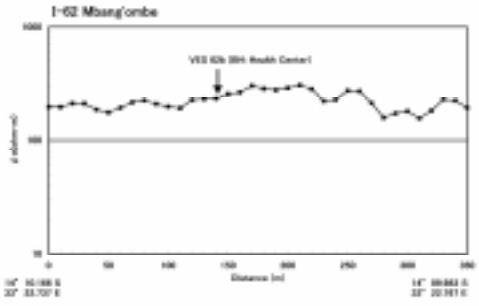

I-42 Guliguli (A)

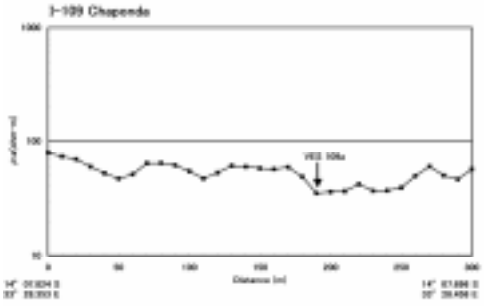

I-47 Nyanda


I-54 Mtsina / Kalota

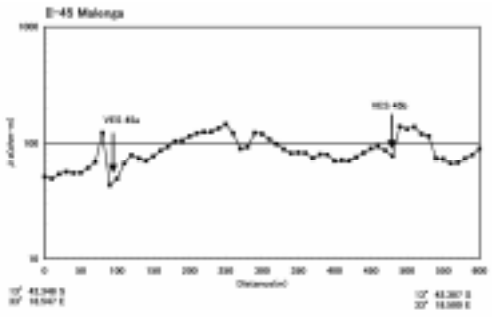

I-57 Nichisi

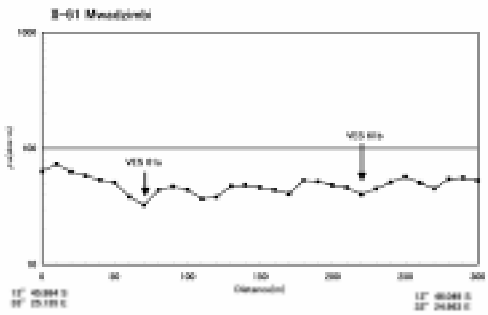

I-61 Chipanga

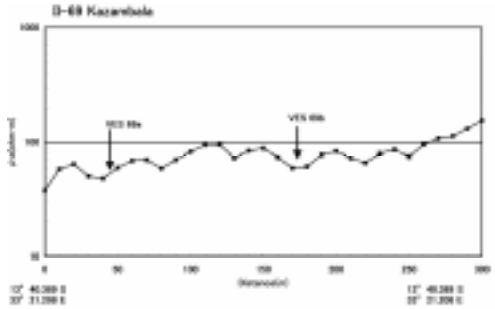

I-62 Mbang'ombe
Distance (m)

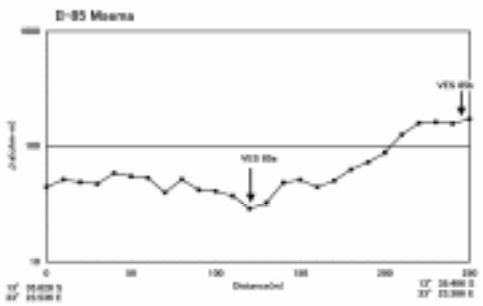

I-109 Chapendo
Distance (m)

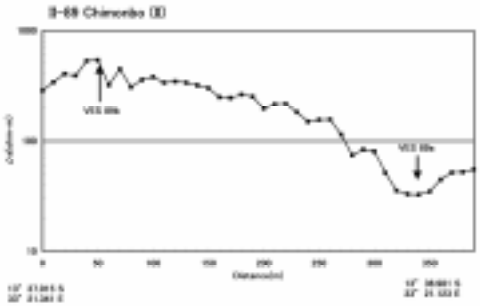
T.A.Khongoni

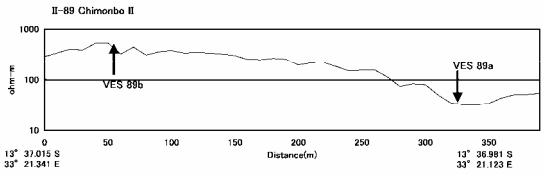

II-45 Malonga
Distance(m)

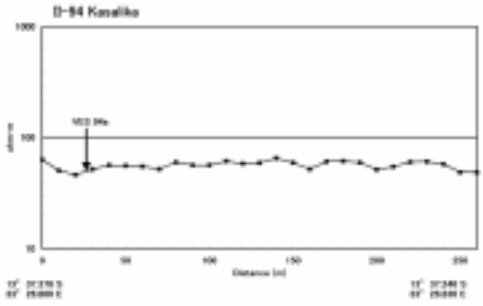

II-61 Mwadzombi
Distance(m)

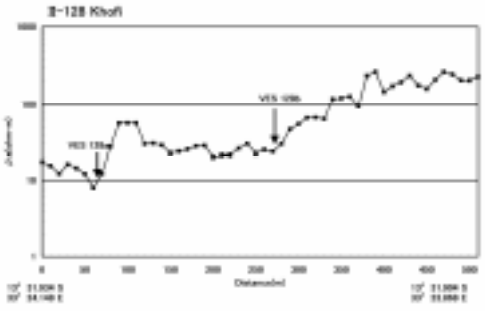

II-69 Kazambala
Distance(m)

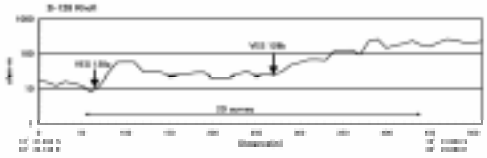

II-85 Msama
Distance(m)

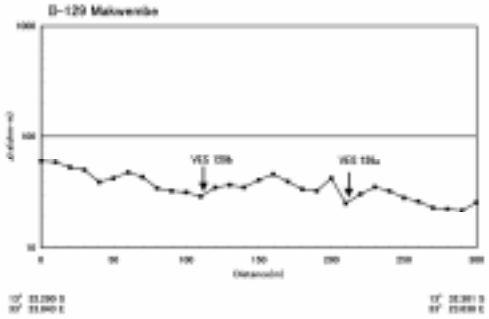

II-69 Chimonbo (II)
Distance(m)

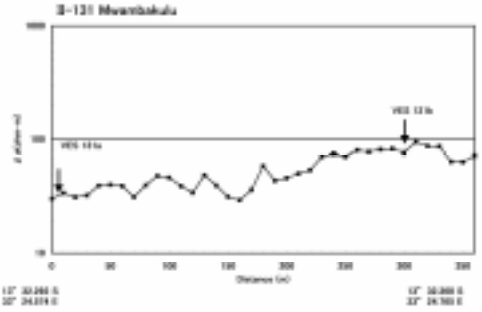

II-89 Chimonbo II
VES 89b
VES 89a
Distance(m)

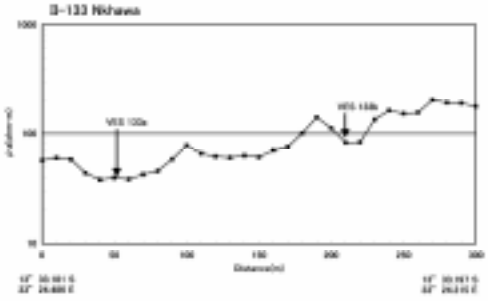

B-84 Kavalika
VES 84a

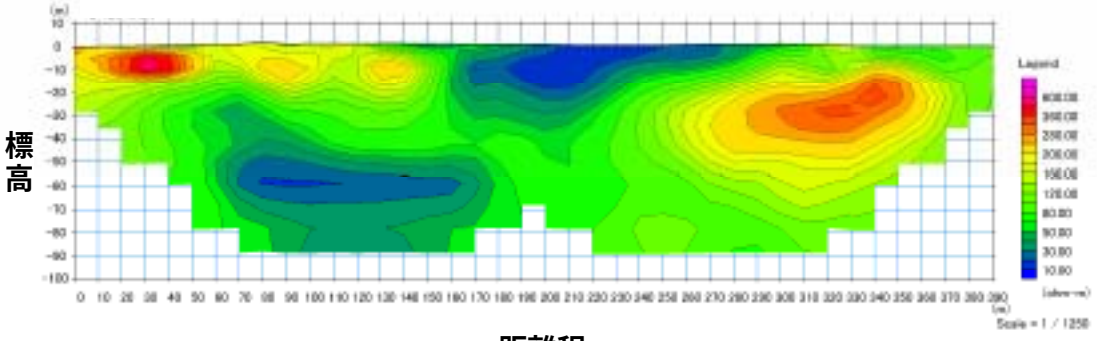

B-128 Khofi
VES 128a
VES 128b


B-128 Khofi
VES 128a
VES 128b


B-129 Makwemba
VES 129b
VES 129a

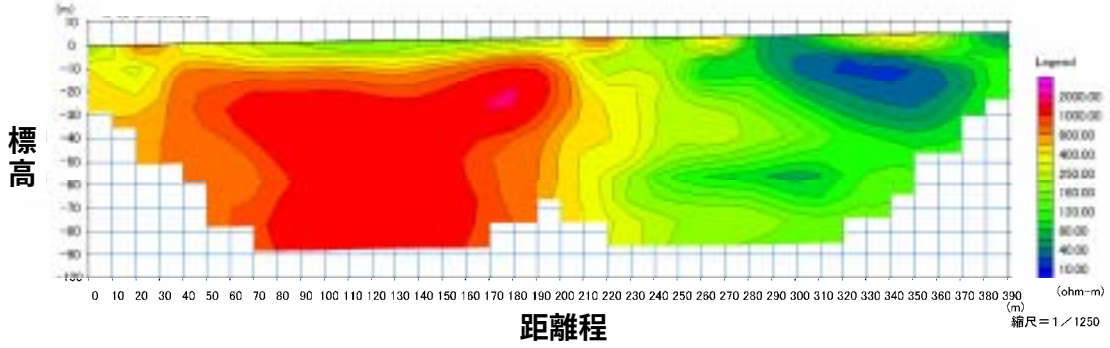

B-131 Mwantabakulu
VES 131a
VES 131b


B-133 Nkhawa
VES 133a
VES 133b



距離程

コンゴニ郡　No.128 Khofi



距離程

コンゴニ郡 No.89 Chimombo II

簡易水質試験結果一覧表

	位置						採水日	水源の種類	水温 (℃)	色	濁	味	臭気	PH	EC (μs/cm)	フッ素 (mg/l)	硝酸塩 (mg/l)	亜硝酸塩 (mg/l)	全鉄 (mg/l)	マンガン (mg/l)	一般細菌	大腸菌群	備考
	TA	GVH	村落	要請No.	緯度	経度																	
1	KHONGONI	Msinde	Msinde		S13 ° 48.496	E33 ° 16.322	04.11.03	BH	24.8	透明	無	無	無	6.06	173.7	0.2	1>	0.02>	0.2>	0.5>	無	無	
2	KHONGONI	Khongoni	Mazinga		S13 ° 48.227	E33 ° 16.904	04.11.03	SW	24.3	白濁	若干	無	無	6.50	178.0	0.2	1	0.02	0.2>	0.5>	非常に多い	非常に多い	
3	KHONGONI	Kapangalika	Kanpangalika		S13 ° 32.358	E33 ° 25.595	04.11.04	BH	24.8	透明	無	無	無	7.84	525.0	0.2	1>	0.02>	0.2>	0.5>	若干	無	
4	KHONGONI	Kasoni	Chivina		S13 ° 32.028	E33 ° 23.808	04.11.04	SW	27.7					6.85	365.0	1	1	0.02>	0.2>	0.5>	若干	若干	
5	KHONGONI	Mabtao	Mabutao/ Jezikamale	2-119	S13 ° 36.740	E33 ° 24.835	04.11.05	SW	23.3	透明	無	無	無	6.28	257.0	0.1	10	0.05	0.2>	0.5>	無	多い	WL 8.70m, D 8.90m 1回/2week滅菌剤投入
6	KHONGONI	Kawalika	Kawalika	2-82	S13 ° 37.074	E33 ° 22.808	04.11.05	PSW	25.4					6.52	172.8	0.2	1>	0.02>	0.2>	0.5>	多い	多い	
7	KHONGONI	Chigowo	Chigowo	2-70	S13 ° 38.433	E33 ° 22.244	04.11.06	BH	26.3	透明	無	微かにFe	無	6.39	287.0	0.1	2	0.02>	0.2>	0.5>	無	無	
8	KHONGONI	Makowa	Kawodzera 2	2-96	S13 ° 38.897	E33 ° 25.924	04.11.08	SW	24.3	透明	無	無	無	6.08	206.0	0.1	1>	0.02>	0.2>	0.5>	非常に多い	非常に多い	
9	KHONGONI	Jauzela	Kabudura	2-54	S13 ° 40.010	E33 ° 24.848	04.11.08	BH	24.1	透明	無	無	微かにFe	5.59	80.0	0.6	15	0.02>	1.5	0.5>	若干	非常に多い	
10	KHONGONI	Bondo	Bondo Schoo	2-67	S13 ° 39.117	E33 ° 19.578	04.11.08	BH		透明	無	無	無			0.8	1>	0.02>	1.5	0.5>			
11	KHONGONI	Madzonga	Madzonga	2-56	S13 ° 46.089	E33 ° 23.935	04.11.09	BH	25.8	透明	無	油	無	5.85	512.0	0.6	1>	0.02>	10	0.5>	若干	無	
12	KHONGONI	Kasiya	Kasiya		S13 ° 45.540	E33 ° 22.222	04.11.10	BH	26.6	透明	無	微かにFe		6.35	510.0	1	1.5	0.04	2	0.5>	若干	無	
13	KHONGONI	Khongoni	Chenjerani		S13 ° 51.292	E33 ° 22.531	04.11.10	SW	23.5	透明	無	無	無	5.72	62.0	0.2	3	0.02>	0.2>	0.5>	多い	若干	WL 7.15m, D 8.15m 1回/2ヶ月滅菌剤投入
14	KHONGONI	Visimba	Naferanji	2-26	S13 ° 50.366	E33 ° 22.796	04.11.11	BH	24.7	透明	無	無	Fe	6.41	182.0	1	1>	0.02	8	0.5>	無	若干	
15	KHONGONI	Mtswati	Mafuta	2-43	S13 ° 45.371	E33 ° 23.806	04.11.11	BH	26.6	透明	無	無	微かにFe	6.43	236.0	0.1	1	0.02>	0.2>	0.5>	無	無	
16	KHONGONI	Msinde	Benjamani	2-11	S13 ° 49.965	E33 ° 16.305	04.11.12	SW	23.2	白濁	若干	無	無	6.27	68.8	0.1	1>	0.02>	0.2>	0.5>	非常に多い	若干	
17	KHONGONI	Msinde	Waya	2-13	S13 ° 46.094	E33 ° 18.865	04.11.12	BH	25.3	透明	無	無	無	6.53	117.0	0.1	5	0.02>	0.2>	0.5>	無	無	
18	KHONGONI	Sinumbe	Sinumbe	2-74	S13 ° 54.454	E33 ° 23.931	04.11.12	BH	25.4	透明	無	無	無	6.77	273.0	0.2	1>	0.02>	0.2>	0.5>	若干	若干	
19	KHONGONI	Matekwe	Kapudzama	2-20	S13 ° 50.842	E33 ° 24.378	04.11.12	BH	26.4	透明	無	苦い	無	6.78	1,130.0	1.2	1>	0.02>	10<	0.5	無	無	茶濁 (生活用水利用者皆無)
20	KALOLO	Lemwe	Lemwe		S13 ° 53.018	E33 ° 20.450	04.11.13	PSW		透明	無	微かに苦	無			0.4	45<	0.05	0.4	0.5>	無	無	
21	KALOLO	Kalolo	Chiziho	1-7	S14 ° 00.216	E33 ° 24.897	04.11.13	PSW	26	透明	無	無	無	6.64	393.0	0.2	20	0.02	0.2>	0.5>	若干	若干	
22	KALOLO	Lemwe	Kalichelo	1-86	S13 ° 52.536	E33 ° 19.282	04.11.15	SW	23.4	透明	無	無	無	6.79	140.0	0.2	4	0.02>	0.2>	0.5>	非常に多い	非常に多い	
23	KALOLO	Chikudzulire	Mkoko	1-93	S13 ° 54.987	E33 ° 20.798	04.11.16	BH	23.5	透明	無	無	無	7.18	-	0.1	1>	0.02>	0.2>	0.5>	若干	無	
24	KALOLO	Sinumbe	Kangulu	1-72	S13 ° 53.367	E33 ° 21.820	04.11.16	PSW	26.1	透明	無	無	無	7.00	382.0	0.2	45	0.02	0.2>	0.5>	多い	若干	
25	KALOLO	Chibungo	Phulamazila	1-17	S13 ° 55.624	E33 ° 28.540	04.11.17	BW	24.2	透明	無	無	無	6.02	244.0	0.2	8	0.02>	0.2>	0.5>	無	無	雲母片混入
26	KALOLO	Chibungo	Kabwana	1-20	S13 ° 56.896	E33 ° 27.625	04.11.17	PSW	24.3	透明	無	微かに塩味	無	6.01	274.0	0.2	2	0.02>	0.2>	0.5>	多い	若干	
27	KALOLO	Chakuzamutu	Kaziputa	1-44	S14 ° 04.403	E33 ° 22.479	04.11.17	BH	24.5	透明	無	無	微かにFe	7.21	404.0	0.2	1>	0.02>	0.2>	0.5>	無	無	16時間後微かに茶濁
28	KALOLO	Chadza	Chamoto	1-43	S14 ° 05.582	E33 ° 24.027	04.11.17	BH	22.9	透明	無	無	無	7.33	297.0	0.2	1>	0.02>	0.2>	0.5>	無	無	
29	KALOLO	Chipanga	Chipanga	1-61	S14 ° 09.797	E33 ° 21.984	04.11.18	BH	24.4	透明	無	無	無	6.54	154.0	0.2	8	0.02>	0.2>	0.5>	無	無	
30	KALOLO	Chadza	Chadza	1-55	S14 ° 05.827	E33 ° 22.769	04.11.18	BH	24.4	透明	無	無	無	7.06	308.0	0.2	1>	0.02>	0.2>	0.5>	無	無	雲母片混入
31	KALOLO	Chibungo	Mngongona	1-23	S13 ° 58.937	E33 ° 27.819	04.11.18	BH	26.1	透明	無	微かに塩味	無	6.65	236.0	0.1	2	0.02>	0.2>	0.5>	無	無	
32	KALOLO	Mkuwira	Chingona	1-49	S14 ° 06.512	E33 ° 24.347	04.11.19	Sw	21.7	白濁	若干	無	無	7.49	151.0	0.1	1	0.02>	0.2>	0.5>	非常に多い	非常に多い	
33	KALOLO	Mkuwira	Nyanda	1-47	S14 ° 08.067	E33 ° 23.402	04.11.19	SW	21.5	白濁	若干	無	無	6.92	180.0	0.2	5	0.02>	0.2>	0.5>	非常に多い	若干	
34	KALOLO	Mkuwira	Luwudani	1-51	S14 ° 07.948	E33 ° 24.677	04.11.19	SW	22.5	白濁	若干	無	無	6.74	182.0	0.2	7	0.02>	0.2>	0.5>	多い	多い	
35	KALOLO	Masumba	Masumba		S14 ° 06.831	E33 ° 29.127	04.11.20	BH	24.7	透明	無	無	無	7.13	362.0	0.2	1>	0.02>	0.2>	0.5>	無	無	雲母片混入
36	KALOLO	Mphunda	Chimlota	1-120	S14 ° 04.208	E33 ° 27.441	04.11.20	SW	23.5	白濁	濃	無	無	6.84	195.0	0.2	2	0.02>	0.2>	0.5>	非常に多い	若干	
37	KALOLO	Mphunda	Chamsanda		S14 ° 04.107	E33 ° 27.283	04.11.20	PSW		無	無	無	無	7.26	375.0	0.2	40	0.2	0.2>	0.5>	若干	無	2004.11.11完成、WL2.50m, D9.30m

簡易水質試験結果一覧表

	位置						採水日	水源の種類	水温 (℃)	色	濁	味	臭気	PH	EC (μs/cm)	フッ素 (mg/l)	硝酸塩 (mg/l)	亜硝酸塩 (mg/l)	全鉄 (mg/l)	マンガン (mg/l)	一般細菌	大腸菌群	備考
	TA	GVH	村落	要請No.	緯度	経度																	
38	KALOLO	Chibungo	Kumtsizi	1-30	S13 ° 59.617	E33 ° 28.739	04.11.20	PSW	26.7	白濁	若干	無	無	6.00	91.4	0.2	4	0.02>	0.2>	0.5>	多い	多い	
39	KALOLO	Chinkhunda	Mdabwi	1-105	S14 ° 04.085	E33 ° 29.188	04.11.22	SW	24	白濁	若干	無	無	6.25	133.0	0.1	3	0.02>	0.2>	0.5>	若干	若干	
40	KALOLO	Chinkhunda	Kalonga	1-100	S14 ° 02.832	E33 ° 30.199	04.11.22	SW	23.5	白濁	若干	無	無	7.54	262.0	0.1	15	0.05	0.2>	0.5>	無	無	
41	KALOLO	Chinkhunda	Dzowole	1-99	S14 ° 02.755	E33 ° 29.385	04.11.22	SW	24.5	白濁	若干	無	無	7.34	180.0	0.1	7	0.02	0.2>	0.5>	無	無	
42	KALOLO		Kachiswe School		S14 ° 01.645	E33 ° 26.887	04.11.23	BH	23.8	透明	若干	無	微かにFe	6.19	149.0	0.2	1>	0.02>	0.2>	0.5>	無	無	1－121付近、雲母片混入
43	KALOLO	Mphunda	Chikankheni		S14 ° 03.578	E33 ° 28.610	04.11.23	BH	23.7	透明	無	無	無	6.67	488.0	0.1	1>	0.02	0.2>	0.5>	無	無	1－116付近、雲母片混入
44	KALOLO	Chimsolo	Chimsolo		S14 ° 06.727	E33 ° 32.502	04.11.23	BH	23.4	透明	無	無	微かにFe	6.34	257.0	1	1>	0.02	3	0.5>	無	無	1－106に隣接
45	KALOLO		Msundwe TC		S14 ° 01.365	E33 ° 28.841	04.11.24	BH	25.4	透明	無	無	無	6.53	113.7	0.2	1.5	0.02	0.2>	0.5>	無	無	
46	KALOLO	Chimwala	Kamatila		S13 ° 58.427	E33 ° 31.043	04.11.24	BH	26.6	透明	無	無	無	6.55	263.0	0.1	1	0.02	0.2>	0.5>	若干	無	

Water Quality Test Results in Laboratory

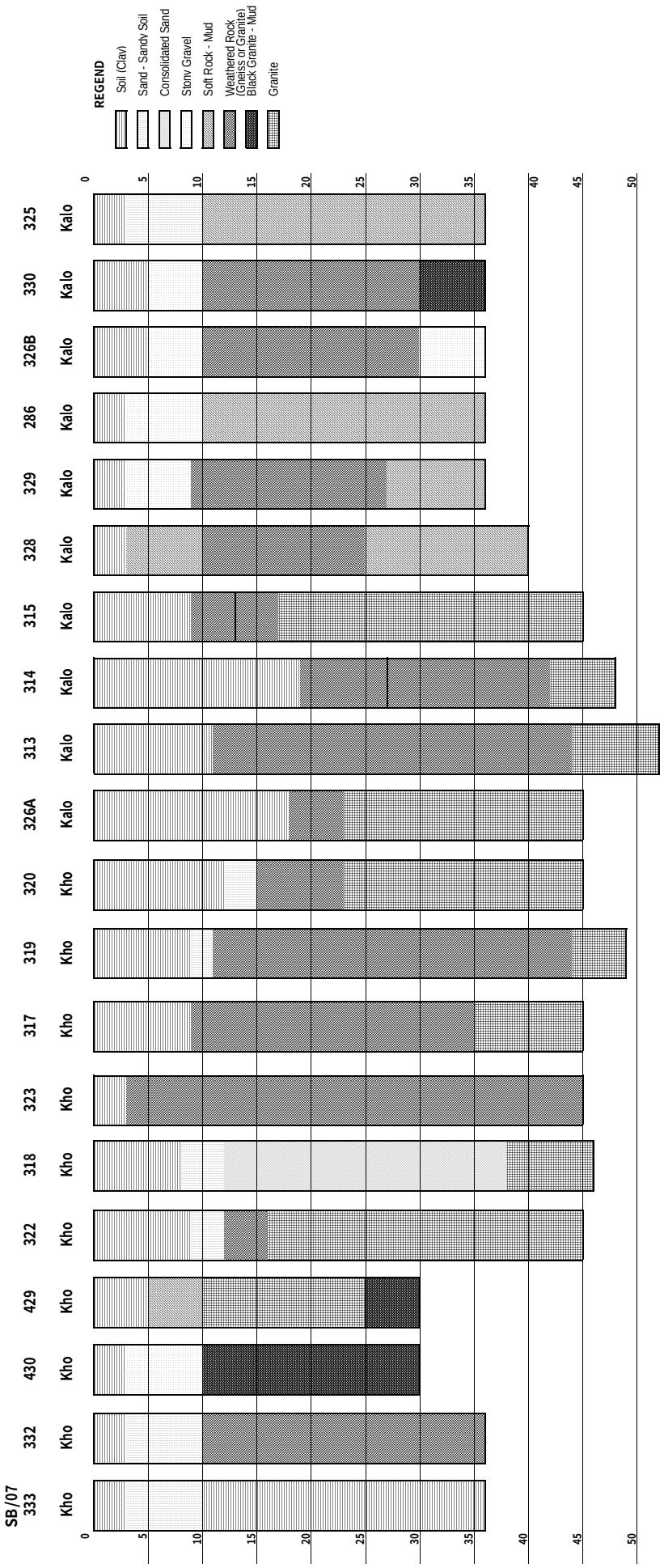
LAB No.	DATE SAMPLED	MAP SHEET/GRID REF.	LOCATION	TYPE OF SOURCE	pH	EC (μs/cm)	Col (TAC)	Smel	TURB (NTU)	Cl^- (mg/l)	SO_4^{2-} (mg/l)	NO_3^--N (mg/l)	HNO_2^- (mg/l)	F^- (mg/l)	Na^+ (mg/l)	K^+ (mg/l)	Ca^{++} (mg/l)	Mg^{++} (mg/l)	Fe^{++} (mg/l)	Mn^{++} (mg/l)	T.H ($CaCO_3$) (mg/l)	As (mg/l)	Cd (mg/l)	Cr (mg/l)	B (mg/l)	*Faecal coliform* (Count/100 ml)	*Faecal streptococci* (Count/100 ml)
1	2004/11/24	S13°32 E33°24	Khofi	SW	6.6	676	>70	Muddy smell	690	28.1	9.3	0.1	<0.01	0.75	33	7.2	69.2	19	20.5	0.88	287	0.002	0.002	0.008	0.07	12,220	450
2	2004/11/24	S13°37 E33°24	Malenbo School	BH	5.8	410	<2.0	—	1	7.5	57	<0.01	<0.01	0.68	14.4	3	42.4	0.1	0.13	0.1	160	<0.001	0.001	<0.001	0.07	0	0
3	2004/11/24	S13°37 E33°25	Vunguti	SW	5.7	315	<2.0	—	14	16.1	0.1	0.1	<0.01	0.75	10.1	2.7	36	11.2	0.22	0.3	136	<0.001	<0.001	0.001	0.076	1,710	2,100
4	2004/11/24	S13°42 E33°19	Mangirira	BH	5.7	400	10	—	6	10.1	62.8	0.2	0.01	0.39	10.3	5	40.8	12.8	0.6	0.2	155	<0.001	0.001	<0.001	0.079	8	6
5	2004/11/24	S13°42 E33°24	Kamange.D.Tunk	BH	5.7	440	>70	Oily smell	110	8.4	98.7	<0.01	<0.01	0.71	17.4	5.8	33.2	11.7	13.6	0.29	155	0.001	0.003	<0.001	0.1	0	0
6	2004/11/24	S13°46 E33°24	Madzonga	BH	5.2	470	30	—	40	8.4	96.7	<0.01	<0.01	0.76	16.1	5.5	41.6	17	7.6	0.31	187	<0.001	0.002	<0.001	0.06	0	0
7	2004/11/24	S13°48 E33°18	Khasu Sckool	BH	6.1	460	10	—	2	11.8	53.2	0.1	<0.01	0.74	15.4	6.9	54.4	9.7	2.1	0.26	179	<0.001	0.001	<0.001	0.045	0	0
8	2004/11/24	S13°49 E33°21	Chungu	SW	5.7	120	4	—	10	7.5	2.4	0.1	<0.01	0.68	8.3	1.5	12	2.4	0.06	0.27	39	0.003	<0.001	<0.001	0.08	2,110	510
9	2004/11/25	S13°58 E33°27	Chibungo School	BH	5.3	120	4	—	1	6.7	0.5	0.1	<0.01	0.76	5.9	1.8	12.2	5.3	0.19	0.24	52	<0.001	<0.001	<0.001	0.04	0	0
10	2004/11/25	S13°56 E33°24	Mpama	PSW	5.5	330	2	—	<1.0	9.3	48.8	0.1	<0.01	0.81	13	2.3	42	5.3	0.06	0.32	126	<0.001	0.001	<0.001	0.08	0	0
11	2004/11/25	S13°53 E33°25	Chalonga	BH	5.7	550	10	—	3	11	101.9	0.2	0.01	0.79	17	4.5	59.2	14.6	0.3	0.38	208	<0.001	0.002	<0.001	0.07	0	0
12	2004/11/25	S13°53 E33°22	Mtongola	BH	7.6	480	3	Fishy smell	3	9.3	63	<0.01	<0.01	0.65	6.7	1.4	50.8	22.4	0.41	0.3	219	<0.001	<0.001	<0.001	0.04	8	0
13	2004/11/25	S13°53 E33°21	Lemwe	PSW	7.9	650	2	—	2	19.5	5.6	1.7	0.02	0.31	16.8	13.6	78	21.2	0.23	0.3	282	<0.001	<0.001	<0.001	0.05	0	4
14	2004/11/25	S13°37 E33°24	Kalolo	PSW	6.2	510	15	—	3	9.3	58.3	<0.01	<0.01	0.64	8.7	4.1	57.2	16	2.2	1.9	212	<0.001	<0.001	<0.001	0.01	24	0
15	2004/11/25	S14°01 E33°24	Chitopola	BH	5.7	400	<2.0	Oily smell	<1.0	6.7	8	<0.01	<0.01	0.5	5.9	1.8	60.8	10.7	0.03	0.35	195	<0.001	<0.001	<0.001	0.06	0	0
16	2004/11/25	S14°04 E33°23	Malikebu	PSW	6.1	300	>70	—	60	14.4	7.9	0.2	0.01	0.57	10.9	5.8	33.2	9.7	0.23	0.42	123	0.001	<0.001	<0.001	<0.01	4,250	1,816
17	2004/11/25	S14°07 E33°22	Mbuto	BH	6.3	350	4	—	2	13.5	2.1	<0.01	<0.01	0.66	11	6.3	43.2	9.7	0.15	0.29	148	<0.001	<0.001	<0.001	<0.01	16	2
18	2004/11/25	S14°08 E33°28	Kaphira School	BH	6	280	<2.0	—	<1.0	11	3.3	<0.01	<0.01	0.65	5.8	1.9	31.6	11.2	2	0.34	128	<0.001	0.001	0.006	<0.01	256	2
19	2004/12/2	S14°01 E33°27	Nthondo	BH	5.6	140	2	—	5	9.6	19.4	<0.01	<0.01	0.66	6.5	2.8	12.8	3.4	0.03	0.43	46	<0.001	<0.001	<0.001	<0.01	0*	0*
20	2004/11/25	S14°04 E33°30	Kanjila School	BH	5.1	250	<2.0	—	<1.0	10.6	2.7	<0.01	<0.01	0.82	6.6	1.3	28.4	10.3	0.01	0.45	113	<0.001	<0.001	<0.001	<0.01	0	0
Water Development Tentative Standard					6.0～9.5	—	50	—	25	750	800	110	—	3	500	—	250	200	3	1.5	800	0.05	0.01	—	—	50	
WHO Guide line					6.5～8.5	—	15	—	—	250	250	50	—	1.5	200	—			0.3	0.5	500	0.01	0.003	0.05	0.3	0	

Existing Borehole Data（TA. Khongoni & TA. Kalolo, LILONGWE DISTRICT)										
BH NO	LOCALITY	Northing	Easting	TA	DEPTH (m)	W/STRUCK (m)	W/LEVEL (m)	Year/ mm/ day	YIELD (L/min)	GEOLOGY
L 147	Kaliopa	586	527	Kalolo	12.14		9.15	1955/11/15	39.5	surface deposit, Weathered rock
G 114	Mbwatalika	616	552	Kalolo	32.03	14.42	10.64	1952/5/1	54.7	Sanday clay, Horublende gneiss
FC 23	Mkaliwafa	540	587	Kalolo	45.75	12.26	4.57	1971/7/21	34.2	Graveiiy collorvim, Gneiss & Quartzite.
FC 25	Ngongonda	502	544	Kalolo	45.75	18.30	3.96	1974/8/17	102.2	Gravelly colluvim, Gneiss
FC 22	Kabwana	477	582	Kalolo	45.75	18.00	5.49	1971/8/18	1955.3	Gravelly Collivium, Gneiss, Quarzite
RB 22	Phakamazira	511	603	Kalolo	56.42	8.40	6.10	1972/1/28	22.8	Collivium, Basement gneiss
DP 59	Kamatira	556	555	Kalolo	45.75	12.20	6.10	1971/8/24	91.2	Collivium, Quarzite
DP 58	Dambo	559	559	Kalolo	45.73	15.24	12.19	1971/8/27	68.4	Gravel, Gneiss
X 144	Nkhwangwa	592	552	Kalolo	45.00	9.15	6.10	1971/11/3	102.2	Basement gneiss, Quarzite
DP 57	Dambo/Msamphe	543	571	Kalolo	56.69	9.14	4.57	1971/8/17	136.8	Unconsolidate, Gneiss
E 331	Thumba	587	626	Kalolo	37.51	11.59	2.75	1964/9/4	54.7	subsoil & rubble, Clayy and sands, Decomposed gneiss
Y 134	Chimongo	515	594	Kalolo	45.75	24.40	4.54	1971/4/4	68.4	Collivium, Quarzite, basement gneiss
E 199	Ngongonda	676	606	Kalolo	31.41	9.15	4.88	1958/7/6	68.4	Sand and Clay.
FC 28	Sambira	567	569	Kalolo	54.90	21.35	7.92	1971/8/20	19.4	Sanday Collivium, Basement gneiss
Y 144	Chisembele	603	601	Kalolo		9.14	1.52	1971/3/19	68.4	sendiments
X 137	Kachela	564	564	Kalolo	45.73	9.14	1.52	1971/3/19	68.4	Colluvium , Gneiss
A 19	Nyankwa	519	677	Kalolo	22.88	19.83	11.29	1961/3/25	54.7	Sanday clays, Decomposed gneiss
X 144	Nkhwangwa	591	550	Kalolo	45.75	9.15	6.10	1971/11/3	102.2	Colluvium & Basement gneiss, Quartzite.
RB 21	Palamu	486	617	Kalolo	39.65	12.20	6.10	1971/12/16	38.0	Colluvium, Basement gneiss
Y 136	Kanyambe schl	554	625	Kalolo	51.85	12.20	7.63	1971/4/21	152.0	Colluvium, Gneiss & quartzite
RB 33	Kssamu	383	732	Khongoni	45.75		10.67	1972/2/15	19.4	Collivium, Quarrtzite, Decomposed gneiss
RB 34	Mtsilo	389	748	Khongoni	42.70		9.15	1972/11/2	97.7	Collivium, Quartzite, Basement gneiss
RM 30	Mndoliro	398	618	Khongoni			1.52	1972/10/2	54.7	Collivium, Solid gneiss
RB 32	Nyanga	397	708	Khongoni	48.80		10.64	1972/1/26	102.2	Collivium, Unconsolidated, Sediments
RB 35	Mkuwira	398	765	Khongoni	45.75		8.54	1972/4/2	136.8	Collivium, Basement gneiss
RB 29	Tsinkha	359	647	Khongoni	42.70		6.10	1972/1/2	24.3	Collivium, Basement gneiss
GU 224	Kasiya L.E.A School	416	777	Khongoni	45.75		4.59	1978/9/4	91.2	Collivum, Soft weathered rock
RM 49	Mwala Unit Centre	832	873	Khongoni	61.00		7.32	1975/7/25	30.4	Sand, Weathered rock, Gneiss
RM 53	Malembo Unit centre	448	949	Khongoni	45.75		3.66	1975/7/30	34.2	Weathered rock, Quartzite
RM 47	Kasiya Unit centre	397	777	Khongoni	61.00		6.10	1975/7/30	48.6	Unconsolidated sediments, Quartzites, Basement gneiss
FC 99	Nalikwangwala	473	740	Khongoni	48.80		6.10	1972/2/17	22.8	Collivium, Basement gneiss
FC 116	Waya School	340	782	Khongoni	45.75		21.35	1972/3/14	27.4	Collivium, Basement gneiss
RB 144	Mudi Estate	315	803	Khongoni	61.00		18.30	1972/3/10	54.7	Collivium, Basement gneiss
DP 124	Vizimba	408	717	Khongoni	45.75		7.63	1972/6/16	97.7	Collivium, Gneiss
DP 125	Chiketeza/Madzanga	443	775	Khongoni	36.60		9.15	1972/5/29	39.1	Collivium, Solid gneiss
DP 127	Mgwata	428	793	Khongoni	36.60		4.58	1972/5/18	64.6	Collivium, Solid gneiss
DP 128	Madzanga	432	778	Khongoni	61.00		3.05	1972/5/13	45.6	Collivium, Basement gneiss

BH NO	LOCALITY	Northing	Easting	TA	DEPTH (m)	W/STRUCK (m)	W/LEVEL (m)	Year/ mm/ day	YIELD (L/min)	GEOLOGY
DP 154	Chimimba	417	819	Khongoni	45.75		6.10	1972/6/5	39.5	Collivium, Basement gneiss
DP 126	Kasiya	400	790	Khongoni	45.75		3.05	1971/12/4	45.6	Collivium, Quartzite, Basement gneiss
DP 103	Chipala Etsate	366	678	Khongoni	45.75		6.71	1972/2/28	193.3	Collivium, Basement gneiss
PM 50	Lambwe	300	708	Khongoni	48.80		12.20	1975/8/19	72.2	weathered rock
RM, 50	Kamanga	441	857	Khongoni	61.00		7.93	1975/8/21	91.2	Gravelly weathered rock, Basement gneiss
RM 48	Kaluzi	364	864	Khongoni	45.75		4.57	1975/3/9	30.4	Gravelly weathered rock, Quartzite, Basement gneiss
DM 31	Kanyanja	315	735	Khongoni	45.75		7.63	1976/7/24	36.8	Weathered rock, Quartzite
DM 19	Pamawa	329	819	Khongoni	45.75		4.27	1976/6/8	209.0	Unconsolidated sediments, Quartzites
DM 23	Kambunyama	355	715	Khongoni	45.75		3.36	1976/7/23	209.0	Weathered rock, Gneiss
DM16	Zokoto	390	841	Khongoni	61.00		21.35	1976/6/9	136.8	Docomposed Quartzite, Gneiss
DDM 20	Kangunje	325	782	Khongoni	45.75		7.63	1976/7/20	34.2	Strong conglomerate formation, Gneiss
DM 21	Chimbwi	315	779	Khongoni	45.75		7.32	1976/7/30	12.9	Decomposed gneiss, Solid Basement Gneiss
SM 79	Chadzuka	342	493	Khongoni	45.75		5.18	1976/9/27	79.4	Gravelly weathered rock, Basement gneiss
SB/07/333	Kazingatchire			Khongoni	36.00		3.54	1999/7/11	3.2	0-1,Top soil; 1-3,Clay; 3-10,Sandy soil; 10-36,Mud
SB/07/332	Dzuwa School			Khongoni	40.00		4.36	1999/7/13	3.5	0-1,Top soil; 1-3,Clay; 3-10,Sandy soil; 10-36,Mud;Soft Granite
SB/07/430	Mangilira			Khongoni	30.00		3.28	1999/9/4		0-3,Clay soil; 3-10,Stoneygravel; 10-30,Black hard rock
SB/07/429	Sapulayi School			Khongoni	30.00		4.79	1999/9/5		0-5,Clay soil; 5-10,Soft rock; 10-25,Granite; 25-30,Black hard rock
SB/07/322	Silasi			Khongoni	45.00		4.14	1999/2/1	3.3	0-1,Top soil; 1-9,Clay; 9-12,Sand; 12-16,Weathered granite; 16-45,Granite
SB/07/318	Mudi T/C			Khongoni	45.00		4.98	1999/2/6	5.0	0-1,Top soil; 1-8,Clay; 8-12,Sand; 12-38,Consolidated sand; 38-46,Granite
SB/07/323	Chigowo			Khongoni	45.00		2.76	1999/2/8	2.5	0-1,Top soil; 1-3,Clay; 3-45, Gneiss
SB/07/317	Chifuka School			Khongoni	45.00		6.04	1999/2/5	0.5	0-1,Top soil; 1-9,Clay; 9-29,Gneiss; 29-35,Weathered granite; 35-45,Granite
SB/07/319	Kasiya Primary Sch.			Khongoni	49.00		4.59	1999/1/26	2.3	0-1,Top soil; 1-9,Clay; 9-11,Sand; 11-44,Weathered granite; 44-49,Granite
SB/07/320	Chilaka			Khongoni	45.00		5.45	1999/1/30	1.2	0-1,Top soil; 1-12,Clay; 11-15,Sand; 15-2344,Weathered granite; 23-45,Granite
SB/07/326A	Kanyambwe Sch.			Kalolo	45.00		6.17	1999/2/10	1.5	0-1,Top soil; 1-18,Clay; 18-23,Weathered granite; 23-45,Granite
SB/07/313	Msundwe Trading C.			Kalolo	52.00		11.00	1999/2/12	1.4	0-1,Top soil; 1-11,Clay; 11-30,Gneiss: 30-44,Weathered granite; 44-52,Granite

BH NO	LOCALITY	Northing	Easting	TA	DEPTH (m)	W/STRUCK (m)	W/LEVEL (m)	Year/ mm/ day	YIELD (L/min)	GEOLOGY
SB/07/314	Bwemba			Kalolo	48.00		3.48	1999/2/19	1.1	0-1,Top soil; 1-19,Clay; 19-27,Gneiss: 27-42,Weathered granite; 42-48,Granite
SB/07/315	Chileka Health C.			Kalolo	45.00		5.80	1999/2/24	2.7	0-1,Top soil; 1-9,Clay; 9-13,Gneiss; 13-17,Weathered granite; 17-45,Granite
SB/07/328	Malunje School			Kalolo	40.00		8.08	1999/6/11	14.6	0-3,Claysoil; 3-10,Soft rock; 10-25,Rock; 25-40,Soft rock mud
SB/07/329	Dyuku			Kalolo	36.00		3.40	1999/6/12	20.5	0-3,Claysoil; 3-9,Gravel mixed with mud; 9-27,Rock; 27-36,Soft rock
SB/07/286	Chituwi			Kalolo	36.00		1.00	1999/6/21	9.2	0-3,Claysoil; 3-10,Stoney gravel; 10-36,Soft rock mud
SB/07/326B	Mchepa			Kalolo	36.00		3.57	1999/6/26	6.9	0-5,Claysoil; 5-10,Stoney gravel; 10-30,Rock; 30-36, Stoney gravel
SB/07/330	Chimphangu			Kalolo	36.00		6.14	1999/6/22	4.2	0-5,Claysoil; 5-10,Stoney gravel; 10-30,Granite; 30-36,Black granitel
SB/07/325	Chikhudzullire			Kalolo	36.00		5.98	1999/7/18	3.1	0-1,Top soil; 1-3,Clay; 3-10,Sandy soil; 10-36,Gravel mixed with mud

資料 7－6 (2)深井戸柱状図 (3,000本プロジェクト)



資料　7－6（3－1）　給水施設マッピング調査結果 (TA. Kalolo)

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_001	538893	8450100	Namitete Police station	mechanic borehole	Climax	functional	1111	Government	unknown
206_02_002	539263	8449990	Mphandula School	mechanic borehole	Afridev	functional	2001	EU	HEAD WORKS
206_02_003	539095	8450063	Zatheka	shallow well with hand pump	Malda	functional	1995	self help	Local artisans
206_02_004	538572	8450052	Namitete Mosque	mechanic borehole	Afridev	not functional	1998	Randella	unknown
206_02_005	540802	8449794	Chimwaza	shallow well with hand pump	Afridev	functional	2002	Inter Aide	Inter Aide
206_02_006	540870	8449696	Chimwaza	mechanic borehole	Afridev	functional	2002	MASAF	Government
206_02_007	541309	8448687	Chaola	shallow well with hand pump	Malda	not functional	1994	Luxembourg Gvt	Hospital
206_02_008	541339	8448525	Chaola	shallow well with hand pump	Malda	functional	2000	Luxembourg Gvt	Hospital
206_02_009	540953	8447394	Chakuzamutu	mechanic borehole	Afridev	functional	2002	Government	unknown
206_02_010	540750	8447022	Chakuzamutu School	mechanic borehole	Afridev	functional	2000	EU	CHITSIME
206_02_011	541382	8445867	Malikebu	shallow well with hand pump	Afridev	functional	2002	Inter Aide	Inter Aide
206_02_012	540534	8444190	Kaziputa	mechanic borehole	Afridev	functional	2002	Government	unknown
206_02_013	539489	8444785	Sckalanje	shallow well with hand pump	Afridev	functional	2002	Inter Aide	Inter Aide
206_02_014	538712	8445318	Mseru	mechanic borehole	Afridev	functional	1994	unknown	unknown
206_02_015	538412	8445325	Mseru	mechanic borehole	Afridev	functional	2000	Proscarp	unknown
206_02_016	538650	8445132	Mseru	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_017	538599	8449921	Namitete Market	mechanic borehole	Afridev	functional	2002	M. Parliement	unknown
206_02_018	541611	8450149	Chileka Health centre	mechanic borehole	Afridev	functional	2000	Government	unknown
206_02_019	541782	8450186	Chileka CDSS	mechanic borehole	Climax	functional	1997	Government	Government
206_02_020	541774	8450297	Chileka CDSS	mechanic borehole	Afridev	functional	1997	unknown	South African Co
206_02_021	541589	8450384	Kalolo School	mechanic borehole	Climax	functional	1972	Government	Government
206_02_022	542382	8451334	Kamtsalira	mechanic borehole	Afridev	functional	1999	MASAF	Government
206_02_023	542242	8449996	Chileka	mechanic borehole	Afridev	functional	1963	Government	unknown
206_02_024	542210	8449917	Chileka	mechanic borehole	Afridev	functional	2002	Government	CHITSIME
206_02_025	542338	8449651	Chileka Market	mechanic borehole	Afridev	functional	2001	Government	Karaliya
206_02_026	542578	8449830	Chileka ADMARC	mechanic borehole	Aquadev	functional	1995	ADMARC	unknown
206_02_027	542667	8450402	Chitopola	mechanic borehole	Afridev	functional	2000	EU	unknown
206_02_028	542359	8451524	Kalolo	mechanic borehole	Afridev	functional	1999	unknown	unknown
206_02_029	542186	8451674	Kalolo	mechanic borehole	Afridev	functional	1998	unknown	unknown
206_02_030	542068	8452064	Kasengwa	mechanic borehole	Afridev	functional	1998	unknown	unknown
206_02_031	542055	8453008	Chizenje	mechanic borehole	Afridev	functional	1972	Government	unknown
206_02_032	542291	8451672	Kalolo Court	mechanic borehole	Climax	not functional	1974	Government	Government

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_033	545933	8452092	Kamazi School	mechanic borehole	Afridev	functional	1999	EU	unknown
206_02_034	546230	8452263	Mtali	mechanic borehole	Afridev	not functional	1972	unknown	Government
206_02_035	544818	8451897	Chiziko	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_036	545341	8450244	Ndebvu	mechanic borehole	Afridev	functional	1998	MASAF	unknown
206_02_037	545538	8450208	Ndebvu School	mechanic borehole	Afridev	functional	1999	EU	Sengo Africa
206_02_038	545276	8450061	Ndebvu	shallow well with hand pump	Malda	not functional	1994	Hospital	Hospital
206_02_039	545261	8450026	Ndebvu	mechanic borehole	Afridev	functional	1998	MASAF	Government
206_02_040	545110	8449800	Ndebvu	mechanic borehole	Afridev	functional	1998	MASAF	Government
206_02_041	544819	8450026	Ndebvu	mechanic borehole	Afridev	functional	1998	MASAF	Government
206_02_042	543957	8448642	Chisindo	mechanic borehole	Afridev	functional	1998	MASAF	Government
206_02_043	542468	8448616	Matekwe	mechanic borehole	Afridev	functional	1994	MASAF	Government
206_02_044	542304	8448655	Matekwe	mechanic borehole	Afridev	functional	2002	MASAF	CHITSIME
206_02_045	543886	8449902	Nkwambala	mechanic borehole	Afridev	functional	1111	Government	Government
206_02_046	543568	8447781	Mtika	mechanic borehole	Afridev	functional	1968	Government	Government
206_02_047	543826	8446594	Mapiri	shallow well with hand pump	Malda	not functional	1998	Luxembourg Gvt	Hospital
206_02_048	543889	8446523	Mapiri	mechanic borehole	Afridev	functional	2000	MASAF	CHITSIME
206_02_049	543182	8446671	Chisaka	mechanic borehole	Afridev	functional	2000	MASAF	CHITSIME
206_02_050	537846	8454617	Namitondo	mechanic borehole	Afridev	functional	1998	unknown	unknown
206_02_051	541708	8447739	Chidzala	mechanic borehole	Afridev	functional	2000	EU	CHITSIME
206_02_052	541728	8447846	Chidzala	shallow well with hand pump	Malda	not functional	1995	Luxembourg Gvt	Hospital
206_02_053	542883	8445781	Msipu	mechanic borehole	Afridev	functional	1992	Government	Scheme
206_02_054	543733	8444919	Chimkuyu	mechanic borehole	Afridev	not functional	1980	Government	Scheme
206_02_055	543265	8446713	Kafinya School	mechanic borehole	Afridev	functional	1999	EU	CHITSIME
206_02_056	545335	8445797	Kamuloza	mechanic borehole	no pump	not functional	1971	Government	unknown
206_02_057	545428	8445570	Kamundaya	mechanic borehole	Afridev	functional	1998	unknown	unknown
206_02_058	538817	8452130	Kakuyu	mechanic borehole	Climax	not functional	1962	Government	unknown
206_02_059	537914	8454652	Sikanawawe	shallow well with hand pump	Afridev	functional	1998	self_help	Self help
206_02_060	537823	8454149	St Gabriels Hospital	mechanic borehole	Afridev	functional	1111	unknown	Hospital
206_02_061	538516	8454299	Namitete School	mechanic borehole	Climax	not functional	1992	Luxembourg Gvt	Hospital
206_02_062	540122	8454423	Namitondo	mechanic borehole	Aquadev	functional	1982	Government	unknown
206_02_063	540143	8454490	Namitondo	mechanic borehole	no pump	not functional	1111	Government	unknown
206_02_064	540428	8455366	Chisikwa	mechanic borehole	Afridev	not functional	1994	unknown	unknown

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_065	543219	8456212	Kapunula School	mechanic borehole	Afridev	functional	1111	Government	unknown
206_02_066	543567	8454784	Guliguli	shallow well with hand pump	Malda	not functional	1999	Government	Government
206_02_067	537420	8455451	Msangwa	mechanic borehole	Afridev	functional	1971	Government	unknown
206_02_068	534930	8457754	Sichongo	shallow well with hand pump	no pump	not functional	9999	Inter Aide	Inter Aide
206_02_069	533982	8460016	Kadzani	mechanic borehole	no pump	not functional	1973	NationalWDP	Government
206_02_070	535681	8458953	Njoka	shallow well with hand pump	Afridev	functional	1995	Luxembourg Gvt	Hospital
206_02_071	536029	8460754	Sabvala	shallow well with hand pump	Malda	not functional	1996	Luxembourg Gvt	Hospital
206_02_072	537321	8461381	Nkoko School	mechanic borehole	Aquadev	functional	1992	Government	unknown
206_02_073	537527	8461540	Nyanja ADMARC	mechanic borehole	Climax	functional	1987	Government	Government
206_02_074	537497	8461312	Mkoko	mechanic borehole	no pump	not functional	1980	unknown	unknown
206_02_075	538193	8460304	Chimono	mechanic borehole	Afridev	functional	1999	EU	unknown
206_02_076	538524	8460323	Chipakapaka	mechanic borehole	no pump	not functional	1981	Government	Government
206_02_077	538617	8459498	Fisi	mechanic borehole	no pump	not functional	1976	unknown	unknown
206_02_078	538558	8457651	Chimtawa	shallow well with hand pump	no pump	not functional	1994	Embassy	Hospital
206_02_079	538756	8457649	Khunkhu	mechanic borehole	Afridev	not functional	1999	MASAF	unknown
206_02_080	538802	8457718	Khunkhu	shallow well with hand pump	no pump	not functional	1994	Embassy	Hospital
206_02_081	538828	8458069	Kaponda	shallow well with hand pump	no pump	not functional	1994	Luxembourg Gvt	Hospital
206_02_082	539431	8457773	Tchila	shallow well with hand pump	no pump	not functional	1994	Luxembourg Gvt	Hospital
206_02_083	539684	8457502	Mkanda	shallow well with hand pump	no pump	not functional	1993	Embassy	Hospital
206_02_084	540031	8457077	Kuwani	shallow well with hand pump	Malda	functional	1994	Luxembourg Gvt	Hospital
206_02_085	540116	8456387	Chitukula	shallow well with hand pump	Malda	not functional	1994	Luxembourg Gvt	Hospital
206_02_086	538987	8457647	Chiqudzulire School	mechanic borehole	Afridev	functional	1999	unknown	unknown
206_02_087	538927	8457582	Chikudzulire School	mechanic borehole	Afridev	functional	1998	British Council	unknown
206_02_088	539697	8456920	Chikudzulire	shallow well with hand pump	no pump	not functional	1991	Embassy	Hospital
206_02_089	539521	8440054	Mbuto	mechanic borehole	Afridev	functional	1998	Government	Local artisans
206_02_090	539938	8439559	Chawantha	mechanic borehole	Afridev	functional	1111	Government	Government
206_02_091	539841	8439440	Chawantha School	mechanic borehole	Afridev	functional	1988	World Vision	unknown
206_02_092	540095	8439637	Kamazi DEC	mechanic borehole	Afridev	functional	2002	Danida	unknown
206_02_093	538035	8441524	Chifuka	mechanic borehole	Afridev	not functional	1976	Government	Government
206_02_094	537988	8441806	Chiulambo	mechanic borehole	Afridev	functional	2001	Danida	unknown
206_02_095	538239	8441190	Magada School	mechanic borehole	Afridev	functional	1999	EU	unknown
206_02_096	538989	8441129	Mgomo	shallow well with hand pump	Malda	not functional	1989	World Vision	unknown

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_097	537668	8437907	Chilowe	shallow well with hand pump	Malda	not functional	1998	World Vision	unknown
206_02_098	537458	8437835	Chinyerere School	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_099	537194	8437486	Mfuti	shallow well with hand pump	Afridev	not functional	2002	Inter Aide	Inter Aide
206_02_100	537580	8435936	Wiliam	shallow well with hand pump	Malda	not functional	1989	World Vision	Co
206_02_101	537612	8435895	Wiliam	mechanic borehole	Afridev	functional	1998	Private	unknown
206_02_102	539458	8435548	Chalemba School	mechanic borehole	Afridev	functional	1999	MASAF	unknown
206_02_103	540945	8433724	Mbang'ombe H/Centre	mechanic borehole	Climax	functional	1993	Embassy	Construction
206_02_104	539623	8434313	Chipanga	mechanic borehole	Afridev	functional	2002	Government	Karaliya
206_02_105	539442	8437024	Mchadza	mechanic borehole	Afridev	functional	2001	MASAF	unknown
206_02_106	539855	8439598	Chawantha	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_107	540097	8437753	Chipukwa	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_108	542106	8439119	Chicha	shallow well with hand pump	Malda	not functional	1989	World Vision	Co
206_02_109	542218	8439149	Chicha	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_110	544035	8438144	Mkuwira	mechanic borehole	Afridev	functional	2001	Government	Karaliya
206_02_111	538513	8441352	Chiseka	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_112	538791	8439484	Kamanzi	mechanic borehole	Aquadev	functional	1987	World Vision	unknown
206_02_113	553469	8448849	Mzobwe School	mechanic borehole	Afridev	functional	1999	EU	unknown
206_02_114	553655	8448723	Mzobwe Church	mechanic borehole	Climax	not functional	1973	Government	Government
206_02_115	553248	8448725	Mzobwe School	mechanic borehole	Afridev	not functional	1993	on	Other
206_02_116	553109	8447560	Chinkhunda	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_117	552967	8447643	CHINKhunda	mechanic borehole	Afridev	functional	1998	Government	Government
206_02_118	554517	8445956	Kanjila	mechanic borehole	Afridev	functional	1111	Government	Government
206_02_119	554555	8445628	Kanjila School	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_120	555034	8444266	Chitangire	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_121	553607	8443418	Maliwa	mechanic borehole	Climax	not functional	1960	Government	Government
206_02_122	552816	8450323	Nyemba	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_123	553238	8450397	Mukunya	mechanic borehole	Afridev	functional	2002	MASAF	unknown
206_02_124	553652	8450253	Kadyaudzu	mechanic borehole	Afridev	functional	1970	Government	Government
206_02_125	553773	8451262	Chidya	shallow well with hand pump	Malda	not functional	1988	Government	Government
206_02_126	553779	8451255	Chidya	windlass well	no pump	not functional	1111	Government	Government
206_02_127	554143	8451480	Nathando	shallow well with hand pump	Malda	not functional	1982	Government	Government
206_02_128	554221	8451590	Nathando	mechanic borehole	Afridev	functional	2002	MASAF	unknown

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_129	554512	8451956	Mpingo	mechanic borehole	Afridev	functional	2000	EU	unknown
206_02_130	554638	8451944	Mpingo	shallow well with hand pump	Malda	not functional	1988	Government	Government
206_02_132	555322	8454387	Mutembe	shallow well with hand pump	Malda	not functional	1988	World Vision	unknown
206_02_133	555309	8454405	Gedi	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_134	551667	8453173	Kachedwa	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_135	551722	8452991	Kutsizi	shallow well with hand pump	Malda	not functional	1987	Government	Government
206_02_136	551560	8454122	Gome	shallow well with hand pump	Malda	not functional	1987	Government	Government
206_02_137	551597	8455534	Mutsekanjira	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_138	548003	8457881	Mzungu	shallow well with hand pump	Malda	functional	1977	Government	Government
206_02_139	549786	8457988	Kabwana	mechanic borehole	Afridev	not functional	1974	Government	Government
206_02_140	538313	8458080	Kachingwe	shallow well with hand pump	Malda	not functional	1111	Luxembourg Gvt	Hospital
206_02_141	537922	8457934	Msomphoka	shallow well with hand pump	Malda	not functional	1994	Luxembourg Gvt	Hospital
206_02_142	540359	8458994	Jinja	shallow well with hand pump	Malda	not functional	1994	Luxembourg Gvt	Hospital
206_02_143	542888	8457693	Kapunula	mechanic borehole	Climax	not functional	1970	Government	Government
206_02_144	545911	8459133	Mtolonga	mechanic borehole	Afridev	not functional	1970	Government	Government
206_02_145	545945	8457884	Songole	windlass well	no pump	not functional	1938	Government	Government
206_02_146	547064	8458043	Kanjawala	mechanic borehole	Afridev	functional	1970	Government	Government
206_02_147	546464	8460081	Santhe School	mechanic borehole	Afridev	functional	2002	MASAF	unknown
206_02_148	546291	8459981	Kalolo School	mechanic borehole	Aquadev	not functional	1111	on	Other
206_02_149	546532	8460185	Santhe	mechanic borehole	Afridev	functional	1991	Government	Government
206_02_150	546031	8460225	Santhe	mechanic borehole	Afridev	functional	1952	Government	Government
206_02_151	544601	8442690	Madzi	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_152	544780	8442037	Kambafodya	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_153	546061	8442220	Ching'ona	mechanic borehole	Afridev	functional	1972	Government	Government
206_02_154	545090	8441271	Mwase School	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_155	545032	8441069	Chipwanya	mechanic borehole	Afridev	functional	2000	EU	PL Drillers
206_02_156	544963	8440873	Chipwanya	mechanic borehole	Afridev	functional	1971	Government	Government
206_02_157	546803	8444590	Mzoonde	mechanic borehole	Afridev	functional	1969	Government	Government
206_02_159	547527	8444058	Mkutuwa	shallow well with hand pump	Malda	functional	1994	Luxembourg Gvt	Hospital
206_02_160	548414	8444116	Ming'ong'o H/Centre	mechanic borehole	Climax	functional	1111	Government	unknown
206_02_161	548394	8443585	MINg'ong'o Ag.	mechanic borehole	Afridev	not functional	1111	Government	Government
206_02_162	548576	8443187	Palimtima	shallow well with hand pump	Malda	functional	1987	Luxembourg Gvt	Hospital

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_163	548824	8443145	Mlekhu	mechanic borehole	Climax	not functional	1971	Government	unknown
206_02_164	550402	8443301	Madetsa	mechanic borehole	Afridev	functional	2001	EU	Karaliya
206_02_165	551489	8443403	Mchiliko	shallow well with hand pump	Afridev	functional	2002	Inter Aide	Inter Aide
206_02_166	551567	8445685	Chikankheni	mechanic borehole	Afridev	functional	2000	EU	unknown
206_02_167	551803	8445640	Mchepa	mechanic borehole	Afridev	not functional	1999	MPs	unknown
206_02_168	551428	8447073	Bwemba	mechanic borehole	Afridev	not functional	1999	MPs	unknown
206_02_169	550082	8449108	Madzi	mechanic borehole	Afridev	not functional	1111	Government	Government
206_02_170	549015	8441090	Chatimba	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_171	548489	8441189	Gundamtengo	shallow well with hand pump	Malda	not functional	1982	Health Center	Health Centre
206_02_172	551717	8440398	Chimphangu	mechanic borehole	Afridev	functional	1999	MPs	unknown
206_02_173	551723	8440304	Nyemba	mechanic borehole	Afridev	not functional	1960	Government	Government
206_02_174	550218	8441090	Chimombo	shallow well with hand pump	Malda	functional	1994	Red Cross	Health Centre
206_02_175	549847	8441237	Tambala	shallow well with hand pump	Malda	not functional	1994	Red Cross	Health Centre
206_02_176	552428	8439663	Msumba	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_177	551814	8438216	Gundula	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_178	549462	8437785	Kaphira School	mechanic borehole	Afridev	functional	1991	UNICEF	unknown
206_02_179	548036	8446544	Matunduluzi	mechanic borehole	Afridev	functional	1976	Government	Government
206_02_180	549976	8446188	Mandala	mechanic borehole	Afridev	not functional	1972	Government	Government
206_02_181	549461	8444281	Mphunda	mechanic borehole	Afridev	functional	1967	Government	Government
206_02_182	547157	8437667	Jolamu	mechanic borehole	Afridev	functional	2002	MPs	Karaliya
206_02_183	544642	8439859	Msuza	mechanic borehole	Afridev	functional	1998	Government	Government
206_02_184	543306	8442014	Chamoto	mechanic borehole	Afridev	functional	2002	EU	Karaliya
206_02_185	546237	8442013	Mwase	shallow well with hand pump	Malda	not functional	1981	Government	Health Centre
206_02_186	556762	8441881	Mkanda	mechanic borehole	Afridev	not functional	1111	Government	Government
206_02_187	556742	8442091	Mkanda	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_188	557327	8443811	Dama	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_189	557389	8443904	Dama	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_190	556985	8441765	Mkanda School	hand drilled borehole	Afridev	functional	1997	MASAF	unknown
206_02_191	559183	8440152	Mliwu	mechanic borehole	Climax	not functional	1970	Government	Government
206_02_192	558548	8439863	Chimsolo	mechanic borehole	Afridev	not functional	1998	Government	Government
206_02_193	558525	8439806	Chimusolo	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_195	558117	8442644	Laimu	mechanic borehole	Afridev	functional	2001	EU	unknown

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_196	546263	8448774	Katimba	shallow well with hand pump	Malda	not functional	1995	Luxembourg Gvt	Hospital
206_02_197	546507	8448140	Nkhokota	mechanic borehole	Afridev	functional	2002	EU	Karaliya
206_02_198	546458	8447323	Chalusa	mechanic borehole	Afridev	functional	1960	Government	Government
206_02_199	546529	8447044	Chalusa School	mechanic borehole	Afridev	functional	1997	MASAF	unknown
206_02_200	546299	8446816	Kukatondo	shallow well with hand pump	Malda	functional	1996	Health Center	Health Centre
206_02_201	547932	8448719	Nthondo	mechanic borehole	Climax	not functional	1977	Government	Government
206_02_202	548352	8448932	Nthondo H/Centre	mechanic borehole	Climax	not functional	1989	Government	Construction
206_02_203	548099	8447934	Simoni	shallow well with hand pump	Malda	functional	1995	Luxembourg Gvt	Hospital
206_02_204	548546	8449648	Nthondo TC	mechanic borehole	Afridev	functional	2002	MASAF	unknown
206_02_205	549008	8450056	Sendeza Estate	mechanic borehole	Climax	functional	1973	Private	Government
206_02_206	551707	8449679	Munyatsa	mechanic borehole	Afridev	functional	2001	EU	unknown
206_02_207	551910	8449768	Chisenga	mechanic borehole	Climax	not functional	1983	Government	Government
206_02_208	552457	8449462	MSUNdwe TC	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_209	552244	8449521	Msundwe TC	mechanic borehole	Afridev	functional	2000	EU	unknown
206_02_210	552098	8449772	Msundwe Mkt	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_211	552451	8449661	Msundwe Church	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_212	551843	8449518	Khani	mechanic borehole	Afridev	not functional	1960	Government	Government
206_02_213	551581	8449507	Chizula	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_214	546582	8453144	Nkhata	shallow well with hand pump	Malda	not functional	1989	Government	Government
206_02_215	548132	8452567	Mpingo	mechanic borehole	Afridev	not functional	1998	Government	Government
206_02_216	548274	8454172	Muyala	mechanic borehole	Afridev	not functional	1974	Government	Government
206_02_217	548136	8451212	Mphunda	shallow well with hand pump	Malda	functional	1995	Luxembourg Gvt	Hospital
206_02_218	548480	8450989	Mphunda	shallow well with hand pump	Malda	not functional	1994	Luxembourg Gvt	Hospital
206_02_219	549169	8451345	Nkhanda	shallow well with hand pump	Malda	not functional	1999	Government	Water Boring
206_02_220	550080	8454242	Gundula	mechanic borehole	Afridev	functional	2001	Proscarp	unknown
206_02_221	550242	8454223	Mungongonda	mechanic borehole	Afridev	not functional	1111	Government	Government
206_02_222	550288	8454059	Gundula	shallow well with hand pump	Malda	not functional	2000	Proscarp	unknown
206_02_223	551597	8455536	Munjedza	mechanic borehole	Afridev	not functional	2001	EU	unknown
206_02_224	552038	8455998	Shangula	mechanic borehole	Afridev	not functional	1998	Government	Government
206_02_225	551886	8456643	Malunje School	mechanic borehole	Afridev	not functional	1999	Government	Government
206_02_226	551544	8456697	Phale	mechanic borehole	Afridev	functional	1998	Government	Government
206_02_227	549726	8458020	Kabwana	mechanic borehole	Afridev	not functional	1974	Government	Government

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_228	551090	8460288	Phulamazira	mechanic borehole	Climax	not functional	1970	Government	Government
206_02_229	551504	8460334	Phulamazira	shallow well with hand pump	other	not functional	1111	Government	Government
206_02_230	549125	8456372	Chibungo	mechanic borehole	Climax	not functional	1967	Government	Government
206_02_231	548658	8455946	Chibungo School	mechanic borehole	Afridev	functional	1993	Government	Government
206_02_232	548651	8456174	Chilaza EPA	mechanic borehole	Climax	functional	1972	Project	Drillers
206_02_233	548082	8455347	Chituwi	mechanic borehole	Afridev	functional	1999	MASAF	unknown
206_02_237	551686	8451959	Chisikwa Vetenary	mechanic borehole	Climax	not functional	1973	Government	Government
206_02_238	552172	8452121	Mphamba	mechanic borehole	Afridev	functional	2000	EU	unknown
206_02_239	552578	8453181	Chimwala	mechanic borehole	Afridev	not functional	1999	MASAF	unknown
206_02_240	552594	8453169	Chimwala	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_241	552631	8453464	Kumusongwe	mechanic borehole	Afridev	functional	1999	EU	unknown
206_02_242	552625	8454119	Mtoso	mechanic borehole	Afridev	not functional	1971	Government	Government
206_02_243	552422	8454745	Khuta	mechanic borehole	Afridev	functional	1999	EU	unknown
206_02_244	553584	8454033	Chatsala School	mechanic borehole	Afridev	functional	1992	World Vision	World Vision
206_02_245	555406	8455287	Mdzole	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_246	555772	8455240	Kamatila	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_247	555885	8455168	Kamatila	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_284	547224	8454842	Ntchentche	mechanic borehole	Afridev	not functional	1999	Government	Government
206_02_285	551568	8451620	Chisikwa	mechanic borehole	Afridev	functional	2000	EU	unknown
206_02_286	551479	8451649	Chisikwa	mechanic borehole	Afridev	not functional	1973	Government	Government
206_02_301	548146	8460936	Chipeni	windlass well	no pump	not functional	1111	Government	Government
206_02_302	542508	8460273	Ngoma	mechanic borehole	Climax	not functional	1960	Government	Government
206_02_303	544582	8460417	Masula	mechanic borehole	Afridev	functional	1972	Government	Government
206_02_304	544783	8461704	Sani	mechanic borehole	Afridev	not functional	1993	Government	Government
206_02_305	543093	8462518	Sinumbe School	mechanic borehole	Afridev	not functional	1999	EU	unknown
206_02_306	543097	8462629	Sinumbe School	mechanic borehole	Afridev	not functional	1970	Government	Government
206_02_307	543144	8462357	Chiwe School	mechanic borehole	Afridev	functional	2002	Danida	unknown
206_02_308	542951	8462708	Chiwe H/Centre	mechanic borehole	Climax	functional	1994	World Vision	World Vision
206_02_309	542731	8465032	Likanga	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_310	539659	8465346	Mtanda School	mechanic borehole	Afridev	functional	1998	Government	Government
206_02_311	539951	8466574	Chisuka	mechanic borehole	Afridev	not functional	1973	Government	Government
206_02_312	539117	8466018	Mkuwamba	shallow well with hand pump	Malda	not functional	1986	World Vision	World Vision

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_313	539617	8465423	Mtanda School	shallow well with hand pump	Malda	not functional	1986	World Vision	World Vision
206_02_314	539196	8465063	Mtongola	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_02_315	541226	8463201	Kathumba	mechanic borehole	Climax	not functional	1980	Government	Government
206_02_316	541034	8462750	Sinumbe	windlass well	no pump	not functional	1938	Government	Government
206_02_317	541322	8462355	Sinumbe	mechanic borehole	Climax	not functional	1974	Government	Government
206_02_318	539818	8461651	Mtoliro	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_319	537371	8464034	Kachele	mechanic borehole	Afridev	functional	1972	Government	Government
206_02_320	537109	8465152	Lemwe Clinic	mechanic borehole	Climax	functional	2001	MASAF	unknown
206_02_321	536980	8465059	Lemwe	shallow well with hand pump	Malda	not functional	1986	World Vision	World Vision
206_02_322	536917	8465164	Lemwe	shallow well with hand pump	Malda	not functional	1980	Luxembourg Gvt	Hospital
206_02_323	535976	8464706	Mwajuma	mechanic borehole	Climax	functional	1974	Government	Government
206_02_324	535241	8463670	Tongozala	mechanic borehole	Afridev	functional	1971	Government	Government
206_02_325	533573	8463052	Chiwete (B)	mechanic borehole	Afridev	functional	1999	MASAF	unknown
206_02_326	533156	8463299	Chiwete (B)	shallow well with hand pump	Malda	functional	1987	Luxembourg Gvt	Hospital
206_02_327	534324	8465955	Mafuta	mechanic borehole	Afridev	functional	1974	Government	Government
206_02_328	533973	8467629	Felankhope	mechanic borehole	Afridev	functional	2001	MASAF	unknown
206_02_329	535187	8466036	Phewa	windlass well	no pump	not functional	1938	Government	Government
206_02_330	538810	8463657	Nene	shallow well with hand pump	Afridev	functional	2002	Inter Aide	Inter Aide
206_02_331	531730	8467911	Chimsewu	mechanic borehole	Afridev	not functional	1978	Government	Government
206_02_332	530683	8468471	Dzama School	mechanic borehole	Afridev	not functional	1984	Government	Government
206_02_333	528862	8467014	Mtapa	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_334	529804	8465765	Malingamawa	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_335	530039	8465592	Msokoneza	mechanic borehole	Climax	not functional	1981	Government	Government
206_02_336	530099	8465425	Msokoneza	mechanic borehole	Afridev	functional	2001	MASAF	unknown
206_02_337	532225	8464622	Kabungwe	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_338	556045	8456812	Dambo	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_339	554428	8456958	Msampha	mechanic borehole	Afridev	not functional	1977	Government	Government
206_02_340	553746	8458613	Chakumbutsa	shallow well with hand pump	Afridev	not functional	9999	Inter Aide	Inter Aide
206_02_341	554115	8458672	Mkaliwafa	mechanic borehole	Afridev	not functional	1971	Government	Government
206_02_342	554987	8459138	Dyuku	mechanic borehole	Afridev	not functional	1999	MASAF	unknown
206_02_343	554828	8459787	Katsumwa School	mechanic borehole	Afridev	functional	1972	Government	Government
206_02_344	556306	8461398	Chankondo	mechanic borehole	Afridev	functional	1972	Government	Government

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_02_345	556381	8461396	Chankondo	mechanic borehole	Afridev	not functional	1998	Government	Government
206_02_346	555545	8462575	Kanyambwe	mechanic borehole	Afridev	functional	1998	Government	Government
206_02_347	555408	8462390	Kanyambwe	mechanic borehole	Afridev	functional	1970	Government	Government
206_02_348	553212	8462214	Chiwambo	mechanic borehole	Afridev	functional	1971	Government	Government
206_02_349	552705	8461573	Kanyambwe	mechanic borehole	Afridev	functional	1999	unknown	unknown
206_02_350	552319	8460816	Chilowa	mechanic borehole	Climax	functional	1971	Government	Government
206_02_351	552114	8460071	Chipumi	mechanic borehole	Afridev	functional	1992	Government	Government
206_02_352	551544	8459321	Chimongo	mechanic borehole	Climax	not functional	1971	Government	Government
206_02_353	551635	8457133	Chituwi	mechanic borehole	Climax	not functional	1972	Government	Government
206_06_006	541534	8466790	Kansawa	mechanic borehole	Afridev	functional	1999	MASAF	unknown
206_99_001	542623	8460141	Malemia	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_002	543878	8460063	Mpama	hand drilled borehole	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_003	541121	8463297	Kathumba	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_004	536215	8464690	Tsinkha	hand drilled borehole	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_005	536979	8463331	Luwinga	shallow well with hand pump	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_006	537024	8462262	Chikata	shallow well with hand pump	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_007	539211	8464608	Chikunga	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_008	539980	8464473	Chiunjira	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_009	539446	8450148	Namitete Tc	mechanic borehole	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_010	539627	8449877	Namitete Sec School	mechanic borehole	Afridev	functional	1999	EU	unknown
206_99_011	540104	8456110	Mkantho	hand drilled borehole	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_012	542270	8451797	Kalolo	shallow well with hand pump	Malda	functional	1997	Private	Private
206_99_013	548379	8449331	Kachiswe School	mechanic borehole	Afridev	functional	2003	MASAF	MASAF
206_99_014	553985	8439699	Ndavayani	mechanic borehole	Afridev	functional	2003	Government	Government
206_99_015	539626	8447173	Kasenza	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_016	550196	8441820	Khondowe Estate	shallow well with hand pump	Afridev	functional	2003	Private	Private
206_99_017	545621	8437485	Mwase	shallow well with hand pump	Malda	not functional	1989	UNHCR	unknown
206_99_018	539746	8439198	Gezani	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_019	539664	8439115	Mkumba	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_020	539769	8439693	Chawantha	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_021	539909	8439973	Chivuta	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_022	537987	8437677	Khwazomba	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_99_023	537587	8438005	Chilowe	shallow well with hand pump	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_024	537195	8439507	Maliyana	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_025	540019	8437822	Chipukwa	shallow well with hand pump	Afridev	functional	2003	Inter Aide	Inter Aide
206_99_026	537572	8455560	Msangwa	hand drilled borehole	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_027	536770	8456056	Kachiguya	hand drilled borehole	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_028	534511	8458395	Kapudzama	hand drilled borehole	no pump	not functional	9999	Inter Aide	Inter Aide
206_99_029	534451	8458671	Jeke	hand drilled borehole	no pump	not functional	9999	Inter Aide	Inter Aide
206_99_030	534162	8459565	Chidakula	hand drilled borehole	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_031	528954	8467793	Mchepela	shallow well with hand pump	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_032	529958	8469106	Dzama	hand drilled borehole	no pump	not functional	9999	Inter Aide	Inter Aide
206_99_033	541333	8462487	Sinumbe	hand drilled borehole	Afridev	functional	2004	Inter Aide	Inter Aide
206_99_034	558821	8440041	Magombani	hand drilled borehole	no pump	not functional	9999	Inter Aide	Inter Aide

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ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_06_041	544106	8463468	Imfa	mechanic borehole	Afridev	not functional	1974	Government	Government
206_06_042	544105	8463657	Chiputu	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_06_040	544774	8463773	Kambudzi	mechanic borehole	Afridev	functional	1974	Government	Government
206_06_039	544340	8464471	Silombe	mechanic borehole	Climax	not functional	1974	Government	Government
206_06_038	545381	8464546	Mtavu	mechanic borehole	Afridev	functional	2000	EU	unknown
206_06_036	546367	8465152	Amoni	shallow well with hand pump	Malda	not functional	1996	World Vision	World Vision
206_06_037	544727	8465341	Chalonga (A)	mechanic borehole	Afridev	functional	1111	Government	Government
206_06_035	546184	8465644	Chaipa	mechanic borehole	Climax	not functional	1974	World Vision	World Vision
206_06_034	545572	8466121	Sewera	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_06_033	545412	8466172	Chithemba	mechanic borehole	Afridev	functional	1970	Government	Government
206_06_031	544629	8466826	Kapudzama School	hand drilled borehole	Afridev	functional	1997	EU	World Vision
206_06_030	544651	8466896	Kapudzama School	mechanic borehole	Afridev	functional	2002	Danida	unknown
206_06_032	544780	8466926	Kapudzama School	mechanic borehole	Afridev	functional	1995	unknown	unknown
206_06_029	544345	8466970	Ng'ombe Agric	mechanic borehole	Climax	not functional	1974	Government	Government
206_06_001	540373	8467202	Chikunkhulira	mechanic borehole	Afridev	not functional	1998	Government	Government
206_06_002	539828	8467389	Kabanga	mechanic borehole	Afridev	not functional	1999	MASAF	unknown
206_06_055	544763	8467517	Kapudzama	mechanic borehole	Afridev	not functional	1970	Government	Government
206_06_004	540405	8467961	Majiga	mechanic borehole	Afridev	functional	1111	Government	Government
206_06_005	540416	8468332	Majiga School	mechanic borehole	Afridev	functional	1998	MASAF	unknown
206_06_003	539738	8468446	Galang'ombe	mechanic borehole	Afridev	functional	1998	MASAF	unknown
206_06_009	540532	8468483	Chilobwe Dispensary	mechanic borehole	Climax	functional	2001	MASAF	unknown
206_06_008	540364	8468633	Khongoni	mechanic borehole	Afridev	not functional	1998	MASAF	unknown
206_06_007	540545	8468719	Chilobwe court	mechanic borehole	Afridev	not functional	1998	Government	Government
206_06_011	541940	8468806	Jentala	mechanic borehole	Climax	not functional	1981	World Vision	World Vision
206_06_012	543237	8469098	Mpani	mechanic borehole	Afridev	not functional	1964	Government	Government
206_06_052	543911	8469249	Matekwe (B)	mechanic borehole	Climax	not functional	1971	Government	Government
206_06_053	544832	8469564	Salima	mechanic borehole	Afridev	not functional	2000	MASAF	unknown
206_06_054	544784	8469763	Kaphukira	mechanic borehole	Climax	not functional	1970	Government	Government
206_06_010	541266	8470027	Nafelanji	mechanic borehole	Afridev	functional	1998	MASAF	unknown
206_06_066	529925	8470610	Stambo	mechanic borehole	Climax	not functional	1111	Government	Government
206_06_013	539782	8470680	Nyanga	mechanic borehole	Afridev	not functional	1963	Government	Government
206_06_014	539630	8470898	Kalumbi	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_06_067	530185	8471026	Chibwazi	mechanic borehole	Afridev	functional	2002	MASAF	unknown

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_06_043	537830	8471154	Kakhumate	mechanic borehole	Afridev	not functional	1998	Government	Government
206_06_051	535796	8471302	Kambuyana	mechanic borehole	Climax	not functional	1974	Government	Government
206_06_015	540811	8471558	Vizimba	mechanic borehole	Afridev	not functional	1964	Government	Government
206_06_068	531951	8471780	Mbalame ADMARC	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_047	536540	8472347	Kambuyana School	mechanic borehole	Afridev	functional	2002	MASAF	unknown
206_06_046	537257	8472562	Ching'anga	mechanic borehole	Afridev	functional	2002	World Vision	World Vision
206_06_016	542154	8472664	Chipeni	mechanic borehole	Afridev	not functional	1998	Government	Government
206_06_050	537694	8472731	Katiyi	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_06_044	538359	8472986	Kosamu	mechanic borehole	Afridev	functional	1111	Government	Government
206_06_045	538485	8473375	Kosamu	windlass well	other	not functional	1111	OTHER	Other
206_06_064	529485	8473520	Msinde	mechanic borehole	Afridev	functional	1996	MASAF	unknown
206_06_065	529393	8473647	Msinde	mechanic borehole	Climax	not functional	1974	Government	Government
206_06_017	540066	8473779	Chifuka Shool	mechanic borehole	Afridev	functional	2000	Danida	unknown
206_06_069	530541	8474008	Mazinga	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_048	537550	8474095	Chateka	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_06_070	532200	8474240	Khasu School	mechanic borehole	Afridev	functional	1111	Government	Government
206_06_063	529227	8474431	Mazinga	mechanic borehole	Afridev	functional	2002	MASAF	unknown
206_06_071	538899	8474623	Mtsilo (A)	mechanic borehole	Climax	not functional	1974	Government	Government
206_06_056	536176	8475462	Dickson	mechanic borehole	Malda	functional	1996	Health Center	Health Centre
206_06_062	531028	8475730	Chipandevu	shallow well with hand pump	Malda	not functional	1997	Health Center	Health Centre
206_06_049	537362	8475766	Zenga	mechanic borehole	Afridev	not functional	1987	World Vision	World Vision
206_06_018	539766	8476658	Mkuwila (B)	mechanic borehole	Climax	not functional	1962	Government	Government
206_06_057	534822	8476704	Kangunje	mechanic borehole	Afridev	functional	1974	Government	Government
206_06_027	541103	8477219	Kasiya School	mechanic borehole	Afridev	functional	1111	MASAF	unknown
206_06_028	541082	8477297	Chateka	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_019	539702	8477391	Khongoni H/Centre	mechanic borehole	Afridev	functional	1998	Government	Other
206_06_080	543089	8477394	Chikweteza	mechanic borehole	Afridev	not functional	1971	Government	Government
206_06_079	543331	8477402	Nkhunyungu	shallow well with hand pump	Malda	not functional	1996	Health Center	Health Centre
206_06_020	539709	8477471	Khongoni H/Centre	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_021	539663	8477669	Kasiya	mechanic borehole	Climax	not functional	1984	Government	Government
206_06_078	543230	8477827	Mgulumula	mechanic borehole	Afridev	not functional	1972	Government	Government
206_06_059	532975	8477892	Waya School	mechanic borehole	Afridev	functional	1998	MASAF	unknown
206_06_077	543120	8477942	Madzonga	mechanic borehole	Afridev	functional	2000	MASAF	unknown

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_06_058	534067	8477945	Waya	mechanic borehole	Afridev	functional	1971	Government	Government
206_06_060	532487	8477984	Chimbwi (B)	mechanic borehole	Afridev	functional	1971	Government	Government
206_06_022	539530	8478099	Kasiya	mechanic borehole	Afridev	functional	1999	MASAF	unknown
206_06_061	531395	8478215	Chabvunga	mechanic borehole	Afridev	not functional	1998	Government	Government
206_06_023	539495	8478236	Kasiya	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_06_024	539319	8478263	Kasiya ADMARC	mechanic borehole	Climax	not functional	1973	Government	Government
206_06_025	540049	8478382	Kasiya Police	mechanic borehole	Afridev	functional	1963	Government	Government
206_06_026	540247	8478387	Kasiya School	mechanic borehole	Afridev	functional	1997	MASAF	unknown
206_06_072	538371	8478489	Mchonjo	mechanic borehole	Afridev	functional	2001	MASAF	unknown
206_06_094	544435	8478629	Kanjuluwende	mechanic borehole	Climax	not functional	1970	Government	Government
206_06_073	540032	8478951	Kasiya	mechanic borehole	Afridev	functional	1972	Government	Government
206_06_076	542892	8479259	Mtsati	mechanic borehole	Afridev	not functional	1974	Government	Government
206_06_082	545041	8479897	Nyanda	mechanic borehole	Aquadev	not functional	1961	Government	Government
206_06_074	542161	8480157	Chilaka	mechanic borehole	Afridev	functional	2000	unknown	unknown
206_06_075	540832	8480305	Kakhwesi	mechanic borehole	Afridev	functional	1999	unknown	unknown
206_06_100	538431	8480978	Kasanda	mechanic borehole	Afridev	not functional	1970	Government	Government
206_06_095	544969	8481691	Mtawuka	mechanic borehole	Climax	not functional	1969	Government	Government
206_06_096	541702	8481774	Chimimba (A)	mechanic borehole	Afridev	not functional	1968	Government	Government
206_06_099	539649	8481968	Chipeta	windlass well	other	not functional	1111	Government	Government
206_06_102	532999	8481979	Pabwe	mechanic borehole	Afridev	not functional	1976	Government	Government
206_06_101	537060	8482356	Kalama	mechanic borehole	Afridev	not functional	1968	Government	Government
206_06_103	532892	8482368	Tonde	mechanic borehole	Climax	not functional	1111	Government	Government
206_06_097	540516	8482702	Mtande	mechanic borehole	Afridev	functional	2000	Proscarp	unknown
206_06_098	539275	8483357	Mtoso School	mechanic borehole	Afridev	functional	1992	Government	Government
206_06_118	543119	8483881	Mandindi	mechanic borehole	Afridev	not functional	1998	Government	CHITSIME
206_06_117	543783	8483988	Kachele	mechanic borehole	Afridev	not functional	1998	Government	CHITSIME
206_06_119	546956	8484470	Kamzimbi (A)	mechanic borehole	Climax	not functional	1111	Government	Government
206_06_121	546930	8484699	Mkutuwa	mechanic borehole	Afridev	not functional	1998	Government	Government
206_06_104	534755	8484715	Mangirira	mechanic borehole	Afridev	functional	2000	unknown	unknown
206_06_120	547254	8484753	Kamzimbi School	mechanic borehole	Afridev	not functional	1999	MASAF	unknown
206_06_116	544043	8485523	Kamange	mechanic borehole	Afridev	functional	1978	Government	Government
206_06_110	539069	8485859	Mdzuma	mechanic borehole	Afridev	not functional	1998	unknown	CHITSIME
206_06_105	536514	8485992	Kaluzi (A)	mechanic borehole	Afridev	functional	1970	Government	Government

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_06_122	544753	8486062	Chinthuta	windlass well	other	not functional	1111	Government	Government
206_06_106	534203	8486305	Chilembwe	windlass well	other	not functional	1111	unknown	unknown
206_06_109	538005	8486842	Nthondo (A)	mechanic borehole	Climax	not functional	1969	Government	Government
206_06_115	543980	8486853	Jawuzale	mechanic borehole	Afridev	not functional	1998	Government	CHITSIME
206_06_113	542885	8487574	Msindo	mechanic borehole	Afridev	functional	1998	unknown	CHITSIME
206_06_112	539287	8487643	Chilowa	mechanic borehole	Climax	not functional	1111	Government	Government
206_06_114	543137	8487820	Mtsindo	mechanic borehole	Afridev	not functional	1978	Government	Government
206_06_107	534388	8488323	Mbewa (B)	mechanic borehole	Afridev	functional	2002	Germany Embassy	Chilembe Drilling Co
206_06_209	546891	8488496	Sakali	mechanic borehole	Afridev	not functional	1970	Government	Government
206_06_111	538393	8488539	Chimtolo	mechanic borehole	Afridev	not functional	1998	unknown	CHITSIME
206_06_210	548860	8488980	Sakali	mechanic borehole	Afridev	functional	1998	MPs	CHITSIME
206_06_081	544921	8489131	Kabudula	mechanic borehole	Afridev	not functional	1998	MASAF	unknown
206_06_108	534702	8489303	Mbewa (B)	mechanic borehole	Afridev	functional	1111	Government	Government
206_06_218	535212	8490060	Vunguti	shallow well with hand pump	Malda	functional	1999	Proscarp	unknown
206_06_217	534468	8490293	Bondo	hand drilled borehole	Malda	functional	1999	Proscarp	unknown
206_06_219	535366	8490771	Bondo School	mechanic borehole	Afridev	functional	1111	Government	Government
206_06_231	546730	8491134	Kaodzela	mechanic borehole	Afridev	not functional	1972	Government	Government
206_06_211	539949	8491556	Kaphiri	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_212	540105	8492049	Chigowo	mechanic borehole	Afridev	functional	2000	MASAF	unknown
206_06_230	544571	8492251	Mbetayasamba	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_208	549235	8492269	Makowa	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_206	543509	8494005	Malembo School	mechanic borehole	Afridev	functional	2002	Germany Embassy	Chilembe Drilling Co
206_06_207	543407	8494054	Malembo School	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_123	544901	8494342	Malembo School	mechanic borehole	Afridev	functional	2002	Germany Embassy	Chilembe Drilling Co
206_06_232	544802	8494471	Malembo H/Centre	motorised standpipe	other	functional	2003	Netherlands Gvt	unknown
206_06_213	541124	8494553	Kawalika	mechanic borehole	Climax	not functional	1111	Government	Government
206_06_203	545052	8494728	Malembo	mechanic borehole	Afridev	not functional	1970	Government	Government
206_06_204	546081	8494893	Salamba	mechanic borehole	Afridev	not functional	1990	unknown	unknown
206_06_205	545775	8494970	Mbvunguti	mechanic borehole	Climax	not functional	1968	Government	Government
206_06_215	541995	8496745	Milala	windlass well	other	not functional	1111	Government	Government
206_06_216	543696	8497320	Kazumba School	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_214	542421	8497351	Msema	mechanic borehole	Climax	not functional	1972	Government	Government
206_06_220	543359	8498666	Kazumba	mechanic borehole	Afridev	not functional	1111	Government	Government

ID water point	EastingX	NorthingY	village site	water source	pump type	condition	construction date	funds	services
206_06_229	544394	8499206	Therere	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_228	545086	8499669	Njakwa School	mechanic borehole	Afridev	not functional	1111	Religious_institution	unknown
206_06_227	545115	8499721	Chazozoma School	mechanic borehole	Afridev	not functional	1999	Religious_institution	unknown
206_06_221	542978	8500753	Kakoloweko	mechanic borehole	Afridev	not functional	1111	Government	Government
206_06_223	544333	8503166	Sendwe School	mechanic borehole	Climax	not functional	1970	Government	Government
206_06_226	546247	8503322	Kapangalika	mechanic borehole	Afridev	not functional	1998	Government	Government
206_06_222	542944	8503850	Chivina	shallow well with hand pump	Afridev	functional	2002	Inter Aide	Inter Aide
206_06_225	546763	8506932	Dzuwa School	mechanic borehole	Afridev	functional	2000	Germany Embassy	unknown
206_06_224	543425	8507791	Kazingatchire	mechanic borehole	Afridev	not functional	2000	MASAF	unknown


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