

Data B
Water Quality Analysis

Data B-1
Simplified Water Quality Test

Table Results of 1st Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (ms/cm)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ ⁺ (mg/L)	NO ₃ ⁻ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Remarks
1	SW-AR-1	Arusha	Anureu	Kigori	Matula	Dug Well	-3.37019	37.01898	940	Feb-06	25.3	8.05	46.8	131	0.1	0.8	0.00	0.2	10	0.10	0.5	+	
2	SW-AR-10	Arusha	Anureu	Maji ya Chai	Maji ya Chai	River	-3.36887	36.89908	1190	Feb-06	24.5	7.91	142.0	69	0.1	1.5	0.05	0.2	10.0	0.3	0.1	10 <	
3	SW-AR-11	Arusha	Anureu	Usa	Usa	River	-3.36897	36.65575	1151	Feb-06	24.6	8.37	31.9	118	0.1	4.0	0.05	2	75.0	1.0	0.5	10 <	
4	SW-AR-12	Arusha	Anureu	Usait	Busia	River	-3.40319	36.65925	1313	Feb-06	23.6	8.03	115.2	163	0.1	1.5	0.00	0.5	2	0.05	0.5	0	
5	SW-AR-13	Arusha	Karatu	Baryi	Baryi	Borehole	-3.52022	35.57895	1092	Feb-06	26.4	8.03	61.7	149	0.1	1.5	0.00	0.5	2	0.05	0.5	0	
6	SW-AR-14	Arusha	Karatu	Daa	Endashangwet	River	-3.45268	35.54789	1275	Feb-06	25.0	8.05	44.2	158	0.1	1.3	0.00	0.2	10	0.05	0.5	++	
7	SW-AR-15(2)	Arusha	Karatu	Daa	Endashangwet	Spring	-3.45268	35.54789	1275	Feb-06	25.0	8.05	44.2	158	0.1	1.3	0.00	0.2	10	0.05	0.5	++	
8	SW-AR-16	Arusha	Karatu	Kansay	Kansay	Borehole	-3.63464	35.57401	1655	Feb-06	22.2	7.46	36.5	164	0.1	0.4	0.00	0.5	2	0.05	0.5	0	
9	SW-AR-17	Arusha	Karatu	Kansay	Kansay	Borehole	-3.63464	35.57401	1655	Feb-06	22.2	7.46	36.5	164	0.1	0.4	0.00	0.5	2	0.05	0.5	0	
10	SW-AR-18	Arusha	Karatu	Kansay	Kansay	Spring	-3.65956	35.57992	1673	Feb-06	21.7	7.65	46.4	203	0.1	0.5	0.00	1.0	15	0.30	2.0	++	
11	SW-AR-19	Arusha	Karatu	Kansay	Kansay	Spring	-3.65956	35.57992	1673	Feb-06	21.7	7.65	46.4	203	0.1	0.5	0.00	1.0	15	0.30	2.0	++	
12	SW-AR-2	Arusha	Anureu	Kikatiiti	Kansay	Spring	-3.33266	35.97712	1500	Feb-06	24.0	7.42	48.3	183	0.1	0.3	0.00	1.0	2	0.05	0.5	+	
13	SW-AR-20	Arusha	Karatu	Mangeji	Mangeji Buruzini	Spring	-3.38304	36.93831	1100	Feb-06	22.2	7.95	4.5	132	0.1	0.3	0.00	0.2	2	0.10	2.0	0	
14	SW-AR-21	Arusha	Monduli	Engarimbar	Mairowa	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
15	SW-AR-22	Arusha	Monduli	Engarimbar	Mairowa	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
16	SW-AR-23	Arusha	Monduli	Engarimbar	Engarimbar	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
17	SW-AR-24	Arusha	Monduli	Engarimbar	Engarimbar	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
18	SW-AR-25	Arusha	Monduli	Engarimbar	Engarimbar	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
19	SW-AR-26	Arusha	Monduli	Engarimbar	Engarimbar	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
20	SW-AR-27	Arusha	Monduli	Engarimbar	Engarimbar	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
21	SW-AR-28	Arusha	Monduli	Engarimbar	Engarimbar	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
22	SW-AR-29	Arusha	Monduli	Engarimbar	Engarimbar	Spring	-3.55405	35.53425	1074	Feb-06	23.9	8.11	24.9	152	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
23	SW-AR-3	Arusha	Anureu	Leguruki	Mto wa Mbu	Spring	-3.25187	36.93519	1374	Feb-06	22.7	8.72	33.7	116	0.1	1.0	0.00	0.2	1	0.05	0.5	+	
24	SW-AR-31	Arusha	Anureu	Leguruki	Mto wa Mbu	Spring	-3.25187	36.93519	1374	Feb-06	22.7	8.72	33.7	116	0.1	1.0	0.00	0.2	1	0.05	0.5	+	
25	SW-AR-32	Arusha	Monduli	Nauraga	Mto wa Mbu	Spring	-3.20148	35.94397	1051	Feb-06	20.6	8.48	21.9	96	0.1	0.4	0.00	0.2	1	0.05	0.5	0	
26	SW-AR-33	Arusha	Monduli	Nauraga	Mto wa Mbu	Spring	-3.20148	35.94397	1051	Feb-06	20.6	8.48	21.9	96	0.1	0.4	0.00	0.2	1	0.05	0.5	0	
27	SW-AR-34	Arusha	Monduli	Ohingo	Edenenekte	Borehole	-2.55391	36.73989	1316	Feb-06	27.1	8.21	9.7	113	0.1	0.3	0.00	0.2	20	0.05	0.5	++	
28	SW-AR-35	Arusha	Monduli	Sepoko	Dikambaoya	Spring	-3.40721	36.84472	1450	Feb-06	20.8	7.76	33.3	118	0.1	0.4	0.00	0.2	20	0.05	0.5	++	
29	SW-AR-36	Arusha	Ngonongoro	Arush	Arush	Spring	-2.37614	35.50766	1884	Feb-06	25.9	8.06	23.8	174	0.1	1.1	0.00	0.2	1	0.05	0.5	0	
30	SW-AR-37	Arusha	Ngonongoro	Enduleni	Enduleni	Borehole	-3.20370	35.27745	1909	Feb-06	25.3	7.74	45.8	166	0.1	1.0	0.00	0.2	2	0.05	0.5	0	
31	SW-AR-38	Arusha	Ngonongoro	Enduleni	Enduleni	Borehole	-3.20370	35.27745	1909	Feb-06	25.3	7.74	45.8	166	0.1	1.0	0.00	0.2	2	0.05	0.5	0	
32	SW-AR-39	Arusha	Ngonongoro	Maliambo	Piywa	Spring	-2.58425	35.50472	1534	Feb-06	20.6	8.22	35.1	158	0.1	0.9	0.00	0.2	2	0.05	0.5	0	
33	SW-AR-4	Arusha	Ngonongoro	Nainokanoka	Nainokanoka	Spring	-3.02601	35.68974	2640	Feb-06	24.6	7.24	277.0	178	0.1	4.8	0.00	0.2	30	0.05	0.5	0	
34	SW-AR-40	Arusha	Ngonongoro	Mlangarini	Mlangarini	Spring	-3.43134	36.78713	1196	Feb-06	13.8	8.64	48.5	160	0.1	7.4	0.00	0.2	2	0.30	0.5	+++	
35	SW-AR-41	Arusha	Ngonongoro	Nainokanoka	Nainokanoka	Spring	-3.02601	35.68974	2640	Feb-06	24.6	7.24	277.0	178	0.1	4.8	0.00	0.2	2	0.30	0.5	+++	
36	SW-AR-42	Arusha	Ngonongoro	Nainokanoka	Nainokanoka	Spring	-3.02601	35.68974	2640	Feb-06	24.6	7.24	277.0	178	0.1	4.8	0.00	0.2	2	0.30	0.5	+++	
37	SW-AR-43	Arusha	Ngonongoro	Nainokanoka	Nainokanoka	Spring	-3.02601	35.68974	2640	Feb-06	24.6	7.24	277.0	178	0.1	4.8	0.00	0.2	2	0.30	0.5	+++	
38	SW-AR-44	Arusha	Ngonongoro	Ongosook	Ongosook	Borehole	-2.05267	35.60859	2108	Feb-06	21.4	6.13	24.5	87	0.1	0.3	0.00	0.2	1	1.00	0.5	0	
39	SW-AR-45	Arusha	Ngonongoro	Ongosook	Ongosook	Borehole	-2.05267	35.60859	2108	Feb-06	21.4	6.13	24.5	87	0.1	0.3	0.00	0.2	1	1.00	0.5	0	
40	SW-AR-46	Arusha	Ngonongoro	Ongosook	Ongosook	Borehole	-2.05267	35.60859	2108	Feb-06	21.4	6.13	24.5	87	0.1	0.3	0.00	0.2	1	1.00	0.5	0	
41	SW-AR-47	Arusha	Ngonongoro	Ongosook	Ongosook	Borehole	-2.05267	35.60859	2108	Feb-06	21.4	6.13	24.5	87	0.1	0.3	0.00	0.2	1	1.00	0.5	0	
42	SW-AR-48	Arusha	Ngonongoro	Ongosook	Ongosook	Borehole	-2.05267	35.60859	2108	Feb-06	21.4	6.13	24.5	87	0.1	0.3	0.00	0.2	1	1.00	0.5	0	
43	SW-AR-49	Arusha	Ngonongoro	Phinyini	Engaresero	River	-2.49294	35.67589	2193	Feb-06	21.5	6.43	24.0	29	0.1	0.6	0.00	2.0	1	2.00	1.0	0	
44	SW-AR-50	Arusha	Ngonongoro	Phinyini	Engaresero	River	-2.49294	35.67589	2193	Feb-06	21.5	6.43	24.0	29	0.1	0.6	0.00	2.0	1	2.00	1.0	0	
45	SW-AR-51	Arusha	Ngonongoro	Phinyini	Engaresero	River	-2.49294	35.67589	2193	Feb-06	21.5	6.43	24.0	29	0.1	0.6	0.00	2.0	1	2.00	1.0	0	
46	SW-AR-52	Arusha	Ngonongoro	Mwandini	Engaresero	River	-2.63065	35.87869	709	Feb-06	28.2	8.93	103.8	92	0.1	4.1	0.00	0.2	10	0.05	0.5	++	
47	SW-AR-53	Arusha	Ngonongoro	Mwandini	Engaresero	River	-2.63065	35.87869	709	Feb-06	28.2	8.93	103.8	92	0.1	4.1	0.00	0.2	10	0.05	0.5	++	
48	SW-AR-54	Arusha	Ngonongoro	Sale	Engaresero	River	-2.63065	35.87869	709	Feb-06	28.2	8.93	103.8	92	0.1	4.1	0.00	0.2	10	0.05	0.5	++	
49	SW-AR-55	Arusha	Ngonongoro	Sale	Engaresero	River	-2.63065	35.87869	709	Feb-06	28.2	8.93	103.8	92	0.1	4.1	0.00	0.2	10	0.05	0.5	++	
50	SW-AR-56	Arusha	Ngonongoro	Ngaunonyuki	Ongosook	Spring	-2.49217	35.60520	1671	Feb-06	26.3	7.60	47.5	178	0.1	0.6	0.00	0.2	1	0.05	0.5	+	
51	SW-AR-57	Arusha	Ngonongoro	Ngaunonyuki	Ongosook	Spring	-2.49217	35.60520	1671	Feb-06	26.3	7.60	47.5	178	0.1	0.6	0.00	0.2	1	0.05	0.5	+	
52	SW-AR-58	Arusha	Ngonongoro	Ngaunonyuki	Ongosook	Spring	-2.49217	35.60520	1671	Feb-06	26.3	7.60	47.5	178	0.1	0.6	0.00	0.2	1	0.05	0.5	+	
53	SW-AR-59	Arusha	Ngonongoro	Ngaunonyuki	Ongosook	Spring	-2																

Table Results of 1st Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (ns/cm)	ORP (mV)	S (mgST/L)	F (mgF/L)	As (mgAs3+/L)	NH4 (mgNH4+/L)	NO3 (mgNO3-/L)	Fe (mgFe2+/L)	Mn (mgMn2+/L)	Coliform	Remarks
Tanzania Standard for Drinking Water (Lower Limit)																							
Tanzania Standard for Drinking Water (Upper Limit)																							
WHO Guide Line																							
56	SW-DO-13	Dodoma	Dodoma Rural	Mpanywa	Mkolea	stream	5.92005	35.43911	993	Feb-06	27.5	6.5-8.5	-	-	-	-	0.05	2	10.0	0.3	0.1	10 <	
57	SW-DO-14	Dodoma	Dodoma Rural	Nontwa	Nontwa	Dam	-6.35295	35.32985	868	Feb-06	26.0	7.1	97.1	212	0	0.4	0.00	0.2	45	0.00	0.0	+	
58	SW-DO-15	Dodoma	Dodoma Rural	Nontwa	Magega	Dug Well	-6.46547	35.34185	893	Feb-06	25.3	7.51	173.1	205	0	0.8	0.00	0.8	0	0.05	0.0	+++	
59	SW-DO-16	Dodoma	Dodoma Rural	Nontwa	Magega	Dug Well	-6.31821	35.38726	907	Feb-06	26.0	7.23	48.9	256	0	0.4	0.00	1.0	0	0.00	0.0	+++	
60	SW-DO-17	Dodoma	Dodoma Rural	Nontwa	Nontwa	Waterhole	-6.46473	35.34814	885	Feb-06	28.7	7.05	144.8	17	0	0.8	0.00	0.8	0	0.05	0.0	+++	
61	SW-DO-18	Dodoma	Dodoma Rural	Busi	Indindiri	Spring	-8.01410	36.07361	1227	Feb-06	29.4	6.79	42.1	205	0	0.4	0.00	0.2	5	0.00	0.0	+	
62	SW-DO-19	Dodoma	Dodoma Rural	Changaa	Chololo	Borehole	-4.97256	35.64445	1302	Feb-06	26.4	7.31	88.9	126	0	1.5	0.00	0.2	0	0.30	0.0	+	
63	SW-DO-20	Dodoma	Dodoma Rural	Chaji	Chaji Igongo	Pond	-6.23236	35.11995	833	Feb-06	27.0	7.64	21.0	139	0	0.8	0.00	0.2	0	1.00	0.0	+++	
64	SW-DO-20	Dodoma	Dodoma Rural	Changaa	Mininyang-wi	Borehole	-4.81429	35.58087	1354	Feb-06	25.5	6.91	139.5	44	0	0.4	0.00	0.5	20	0.00	0.0	+	
65	SW-DO-21	Dodoma	Dodoma Rural	Changaa	Chololo	Waterhole	-4.79709	35.64860	1308	Feb-06	27.4	7.59	143.6	108	0	0.4	0.00	2.0	0	0.05	0.0	+	
66	SW-DO-22	Dodoma	Dodoma Rural	Parwaa	Mombosse	Borehole	-5.55054	35.56205	1095	Feb-06	31.4	7.26	287.0	-84	0	0.4	0.00	0.2	0	0.00	0.0	0	
67	SW-DO-23	Dodoma	Dodoma Rural	Kikilo	Barabera	Spring	-4.53864	35.66061	1444	Feb-06	28.5	7.59	63.5	253	0	1.5	0.00	0.2	1	0.00	0.0	0	
68	SW-DO-24	Dodoma	Dodoma Rural	Kikilo	Barabera	Waterhole	-4.55665	35.67544	1455	Feb-06	26.8	7.51	63.7	104	0	0.4	0.00	0.2	0	0.00	0.0	++	
69	SW-DO-25	Dodoma	Dodoma Rural	Kisese	Kisese Diza	Spring	-4.46318	35.82208	1255	Feb-06	28.7	7.09	28.8	219	0	0.0	0.00	0.2	0	0.00	0.0	0	
70	SW-DO-26	Dodoma	Dodoma Rural	Kwawelo	Makinyaya	Spring	-4.93557	36.07301	1364	Feb-06	28.5	7.34	35.0	57	0	0.4	0.00	0.2	1	0.00	0.0	0	
71	SW-DO-27	Dodoma	Dodoma Rural	Kwawelo	Makinyaya	Spring	-4.90334	36.14531	1283	Feb-06	32.4	6.92	42.1	197	0	0.4	0.00	0.2	5	0.00	0.0	0	
72	SW-DO-28	Dodoma	Dodoma Rural	Kwawelo	Makinyaya	Waterhole	-4.92619	36.09803	1315	Feb-06	28.3	6.87	17.6	159	0	0.4	0.00	0.2	2	0.00	0.0	0	
73	SW-DO-29	Dodoma	Dodoma Rural	Kwawelo	Makinyaya	Waterhole	-5.20901	35.40587	1223	Feb-06	29.6	8.93	15.4	128	0	0.4	0.00	1.0	2	0.00	0.0	++	
74	SW-DO-30	Dodoma	Dodoma Rural	Chaji	Chikopele	Waterhole	-6.20226	35.31110	841	Feb-06	27.5	7.12	330.0	175	0	0.4	0.00	0.2	5	0.00	0.0	++	
75	SW-DO-31	Dodoma	Dodoma Rural	Sanzawa	Gungu	Waterhole	-5.34388	35.36450	1127	Feb-06	27.6	6.91	21.0	43	0	0.4	0.00	1.0	1	1.00	0.0	++	
76	SW-DO-4	Dodoma	Dodoma Rural	Chaji	Chaji Igongo	Waterhole	-6.22780	35.22311	829	Feb-06	29.0	6.38	38.5	24	0	0.8	0.00	0.8	2	1.00	0.0	+++	
77	SW-DO-5	Dodoma	Dodoma Rural	Chiloba	Chenendeli	Dug Well	-6.12246	35.39504	872	Feb-06	25.0	6.53	70.5	235	0	0.4	0.00	0.0	10	0.50	0.0	+++	
78	SW-DO-6	Dodoma	Dodoma Rural	Chiloba	Chenendeli	Waterhole	-6.14226	35.38520	868	Feb-06	29.8	6.74	67.1	150	0	0.8	0.00	0.2	45	0.05	0.0	+	
79	SW-DO-7	Dodoma	Dodoma Rural	Lamali	Lukali	Waterhole	-5.72685	35.47998	973	Feb-06	29.8	4.35	303.0	365	0	0.4	0.00	0.2	4	0.05	0.5	0	
80	SW-DO-8	Dodoma	Dodoma Rural	Lamali	Lukali	Spring	-5.73084	35.50051	968	Feb-06	31.8	7.36	292.0	163	0	2.5	0.00	0.2	2	0.00	0.0	0	
81	SW-MN-1	Manyara	Dodoma Rural	Lamali	Lukali	Spring	-5.73019	35.50049	974	Feb-06	30.0	7.51	292.0	154	0	2.4	0.00	0.2	2	0.00	0.0	0	
82	SW-MN-10	Manyara	Babati	Utau	Ari	Waterhole	-4.22021	35.60810	1623	Feb-06	26.2	5.72	14.9	240	0	0.4	0.00	0.2	2	0.00	0.0	++	
83	SW-MN-11	Manyara	Babati	Utau	Endaang/SeSheha	Spring	-4.18726	35.35929	1956	Feb-06	27.5	7.36	103.1	203	0	1.5	0.00	0.2	1	0.00	0.0	+	
84	SW-MN-12	Manyara	Huang	Balangalulu	Difoda	Dug Well	-4.72244	35.29866	1487	Feb-06	27.2	6.77	22.0	277	0	0.4	0.00	0.5	2	1.00	0.0	+	
85	SW-MN-13	Manyara	Huang	Balangalulu	Difoda	Spring	-4.63821	35.26765	1412	Feb-06	27.8	7.63	173.0	208	0	1.5	0.00	0.2	0	0.00	0.0	+	
86	SW-MN-14	Manyara	Huang	Bassodesh	Bassodesh	Pond	-4.30659	35.11609	1632	Feb-06	26.2	7.85	43.3	188	0	1.5	0.00	1.0	2	0.00	0.0	++	
87	SW-MN-15	Manyara	Huang	Mogili	Mumbeta	Spring	-4.54935	35.39145	1636	Feb-06	25.9	8.12	26.0	214	0	0.4	0.00	0.2	0	0.00	0.0	+	
88	SW-MN-16	Manyara	Huang	Sirip	Matungarimo	Waterhole	-4.65007	35.60536	1534	Feb-06	25.7	7.13	406.0	290	0	0.4	0.00	0.2	1	0.05	0.0	+	
89	SW-MN-17	Manyara	Kioto	Dongo	Dongo	Spring	-5.94028	36.72114	1612	Feb-06	23.3	7.93	56.0	95	0	0.4	0.00	0.2	1	0.00	0.0	+	
90	SW-MN-18	Manyara	Kioto	Equetoro	Nhigish	Dug Well	-5.60280	36.56264	1448	Feb-06	23.6	7.24	308.0	164	0	0.8	0.00	0.2	45	0.00	0.0	+	
91	SW-MN-19	Manyara	Kioto	Kijungo	Kijungo	Spring	-5.92901	37.17862	1413	Feb-06	24.5	6.90	26.5	171	0	0.4	0.00	0.5	1	0.00	0.0	+	
92	SW-MN-20	Manyara	Kioto	Lengaei	Olitukili	Waterhole	-5.72974	37.13563	1378	Feb-06	23.7	7.19	225.0	170	0	0.8	0.00	0.5	0	0.00	0.0	+	
93	SW-MN-2	Manyara	Bibiti	Dureda	Seloto	Waterhole	-4.24343	35.49716	1662	Feb-06	25.9	6.60	38.8	323	0	0.4	0.00	0.2	10	0.00	0.0	++	
94	SW-MN-20	Manyara	Kioto	Makame	Makame	Borehole	-4.65561	36.74015	1029	Feb-06	22.4	7.63	97.4	147	0	1.1	0.00	0.5	10	0.00	0.0	++	
95	SW-MN-21	Manyara	Kioto	Makame	Makame	Waterhole	-4.65498	36.74027	1021	Feb-06	22.6	7.65	97.4	147	0	1.1	0.00	0.5	10	0.00	0.0	++	
96	SW-MN-22	Manyara	Kioto	Ndedo	Ndedo	Waterhole	-5.12564	36.65824	1147	Feb-06	30.2	6.44	224.0	157	0	0.4	0.00	2.0	45	0.00	1.0	+	
97	SW-MN-23	Manyara	Kioto	Parimbob	Ngerwani	Waterhole	-5.44716	36.55346	1498	Feb-06	25.2	7.91	149.8	193	0	0.8	0.00	0.2	10	0.05	0.0	+	
98	SW-MN-24	Manyara	Kioto	Parimbob	Namtok	Borehole	-5.48161	36.55346	1498	Feb-06	32.0	8.26	44.9	161	0.1	0.1	0.00	2.0	2	0.40	0.0	+++	
99	SW-MN-25	Manyara	Kioto	Parimbob	Namtok	Dam	-5.48161	36.55346	1498	Feb-06	32.0	8.26	44.9	161	0.1	0.1	0.00	2.0	2	0.40	0.0	+++	
100	SW-MN-26	Manyara	Kioto	Parimbob	Namtok	Dug Well	-5.53179	36.62697	1494	Feb-06	26.0	7.47	78.4	180	0	1.2	0.00	1.0	0	0.00	1.0	+	
101	SW-MN-27	Manyara	Kioto	Parimbob	Mbigiri	Spring	-5.51047	36.63196	1390	Feb-06	25.6	6.86	102.6	468	0	0.8	0.00	3.5	0	1.00	1.0	+++	
102	SW-MN-28	Manyara	Kioto	Parimbob	Mbigiri	Borehole	-5.66868	36.52208	1335	Feb-06	21.4	7.33	189.9	254	0	0.4	0.00	0.2	2	0.00	0.0	+	
103	SW-MN-29	Manyara	Kioto	Songambale	Ogaga	Spring	-5.69701	36.50219	1528	Feb-06	26.0	6.95	40.5	162	0	0.8	0.00	0.8	1	0.30	0.0	++	
104	SW-MN-30	Manyara	Babati	Dureda	Seloto	Spring	-4.84291	35.49404	1686	Feb-06	23.0	7.64	14.5	268	0	0.4	0.00	0.2	0	0.05	0.0	+	
105	SW-MN-31	Manyara	Babati	Suwa	Olifra	Waterhole	-3.89148	37.04419	1221	Feb-06	29.3	7.15	110.4	109	0	0.8	0.00	0.4	0	0.00	0.0	+	
106	SW-MN-32	Manyara	Kioto	Suwa	Olifra	Waterhole	-5.85069	37.05193	1181	Feb-06	24.2	6.84	155.1	23	0	0.8	0.00	0.4	0	1.00	0.0	+++	
107	SW-MN-33	Manyara	Mbulu	Dongbesh	Ngora	Spring	-4.14800	35.32648	1840	Feb-06	29.5	7.13	113.5	239	0	0.8	0.00	0.2	0	0.00	0.0	0	
108	SW-MN-34	Manyara	Mbulu	Kainam	Kainam	Spring	-3.92007	35.58840	1859	Feb-06	30.1	7.14	8.5	246	0	0.4	0.00	0.2	0	0.00	0.0	++	
109	SW-MN-35	Manyara	Mbulu	Kainam	Kainam	stream	-3.91235	35.57826	1851	Feb-06	29.4	6.26	15.6	272	0	0.4	0.00	0.2	5	0.00	0.0	++	
110	SW-MN-35	Manyara	Mbulu	Masida	Endaangwishi	Spring	-3.78156	35.39639	1492	Feb-06	27.6	7.39	121.4	223	0	1.8	0.00	0.2	2	0.00	0.0	++	

Table Results of 1st Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (µS/cm)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ ⁺ (mg/L)	NO ₃ ⁻ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Remarks
Tanzania Standard for Drinking Water (Lower Limit)																							
Tanzania Standard for Drinking Water (Upper Limit)																							
WHO Guide Line																							
111	SW-MN-36	Manyara	Mbali	Tumati	Tumati	Stream	-4.02793	35.41915	2096	Feb-06	28.9	7.10	48.8	264	0	0.8	0.00	0.2	10	0.00	0.0	10 <	
112	SW-MN-37	Manyara	Mbali	Tumati	Tumati	Spring	-4.03862	35.41971	2997	Feb-06	28.6	7.17	57.8	216	0	1.5	0.00	0.2	10	0.00	0.0	10 <	
113	SW-MN-38	Manyara	Mbali	Yaeda chini	Yaeda chini	Stream	-3.96156	35.15114	1335	Feb-06	27.9	6.76	120.9	193	0	0.4	0.00	0.2	5	0.05	0.0	10 <	
114	SW-MN-39	Manyara	Simanjiro	Emboteti	Emboteti	Borehole	-3.98552	36.13389	1313	Feb-06	28.7	7.77	117.7	126	0	1.3	0.00	0.2	10	0.05	0.5	10 <	
115	SW-MN-40	Manyara	Babati	Wadungu	Comesey	Spring	-4.18666	35.48817	2189	Feb-06	28.8	6.55	5.0	220	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
116	SW-MN-41	Manyara	Simanjiro	Naberera	Naberera	Borehole	-4.34542	36.94017	1435	Feb-06	30.1	8.45	153.3	137	0	0.3	0.00	0.2	10	0.05	0.5	10 <	
117	SW-MN-42	Manyara	Simanjiro	Naberera	Naberera	Borehole	-4.20490	36.93616	1448	Feb-06	30.1	8.45	128.4	99	0	0.6	0.00	0.2	10	0.05	0.5	10 <	
118	SW-MN-43	Manyara	Simanjiro	Terrat	Loswaki	Spring	-3.83868	36.50700	1447	Feb-06	30.0	8.32	43.3	96	0	1.4	0.00	0.2	10	0.05	0.5	10 <	
119	SW-MN-44	Manyara	Simanjiro	Terrat	Loswaki	Spring	-4.04798	36.50700	1436	Feb-06	29.7	7.94	103.4	96	0	1.4	0.00	0.2	10	0.05	0.5	10 <	
120	SW-MN-5	Manyara	Babati	Manguu	Manguu	Spring	-4.02701	35.72930	1016	Feb-06	25.8	6.95	45.2	229	0	0.4	0.00	0.5	0	0.00	0.0	10 <	
121	SW-MN-6	Manyara	Babati	Manguu	Manguu	Spring	-4.17594	35.60873	1023	Feb-06	24.6	7.59	57.9	235	0	0.8	0.00	0.2	2	0.00	0.0	10 <	
122	SW-MN-7	Manyara	Babati	Manguu	Endagile	Spring	-3.78257	35.87291	980	Feb-06	26.6	8.25	22.6	176	0	1.5	0.00	0.2	0	0.00	0.0	10 <	
123	SW-MN-8	Manyara	Babati	Nkati	Vitima Vitulu	Spring	-4.02559	35.72930	1016	Feb-06	26.5	7.37	115.2	191	0	1.5	0.00	0.5	0	0.00	0.0	10 <	
124	SW-MN-9	Manyara	Babati	Nkati	Tsumasi	Spring	-4.29590	35.80456	1346	Feb-06	26.0	7.81	48.3	258	0	0.8	0.00	0.2	0	0.00	0.0	10 <	
125	SW-SG-10	Singida	Iramba	Igunguza	Lukomo	Pond	-4.30150	34.66084	1399	Feb-06	25.6	7.12	4.4	210	0	0.0	0.00	0.2	1	0.50	0.0	10 <	
126	SW-SG-11	Singida	Iramba	Mwanga	Endasku	Waterhole	-3.92687	34.65272	1038	Feb-06	29.9	8.72	24.6	144	0	2.3	0.00	0.5	0	0.00	0.0	10 <	
127	SW-SG-12	Singida	Iramba	Mwanga	Waterhole	Waterhole	-3.93941	34.68678	1066	Feb-06	30.3	8.58	15.3	161	0	0.8	0.00	0.2	1	0.05	0.0	10 <	
128	SW-SG-13	Singida	Iramba	Ndago	Songambele	Borehole	-4.63109	34.35534	1397	Feb-06	27.3	7.38	52.4	227	0	2.7	0.00	0.2	1	0.00	0.0	10 <	
129	SW-SG-14	Singida	Iramba	Ndago	Songambele	Waterhole	-4.61046	34.36466	1330	Feb-06	27.0	6.10	10.5	237	0	0.4	0.00	0.5	5	0.05	0.0	10 <	
130	SW-SG-15	Singida	Iramba	Ndago	Znifigi	Waterhole	-4.51167	34.34379	1400	Feb-06	26.6	7.04	69.7	225	0	2.4	0.00	0.2	20	0.00	0.0	10 <	
131	SW-SG-16	Singida	Iramba	Ndago	Mingila	River	-4.18958	34.23936	1064	Feb-06	25.3	7.81	22.6	179	0	0.8	0.00	0.2	2	0.00	0.0	10 <	
132	SW-SG-17	Singida	Iramba	Ndago	Mingila	Waterhole	-4.17750	34.23581	1053	Feb-06	26.7	7.51	50.2	176	0	0.8	0.00	0.2	0	0.00	0.0	10 <	
133	SW-SG-18	Singida	Iramba	Ndago	Mingila	River	-4.09053	34.33016	1046	Feb-06	26.0	7.50	29.9	222	0	0.8	0.00	0.2	2	0.00	0.0	10 <	
134	SW-SG-19	Singida	Iramba	Tulya	Doromoni	Waterhole	-4.06986	34.37126	1046	Feb-06	26.0	7.50	29.9	222	0	0.8	0.00	0.2	2	0.00	0.0	10 <	
135	SW-SG-20	Singida	Iramba	Ulemo	Migilango	Waterhole	-4.42358	34.37455	1422	Feb-06	25.7	8.48	79.5	169	0	0.1	0.00	1.0	0	0.00	0.0	10 <	
136	SW-SG-21	Singida	Iramba	Ulemo	Makula'A	Waterhole	-4.53027	34.67274	1411	Feb-06	25.4	7.20	5.6	205	0	0.1	0.00	0.2	2	0.05	0.5	10 <	
137	SW-SG-22	Singida	Iramba	Ulemo	Makula'A	Waterhole	-4.40509	34.38306	1432	Feb-06	26.6	8.81	4.3	173	0	0.4	0.00	0.2	1	0.00	0.0	10 <	
138	SW-SG-23	Singida	Manyoni	Chikuyu	Makula'A	Dam	-5.84571	35.06608	859	Feb-06	30.0	7.69	104.7	196	0	0.8	0.00	0.2	1	0.00	0.0	10 <	
139	SW-SG-24	Singida	Manyoni	Ipande	Danwele	Borehole	-5.76580	34.49185	1304	Feb-06	27.7	7.24	135.2	170	0	0.8	0.00	0.2	45	0.00	0.0	10 <	Windmill
140	SW-SG-25	Singida	Manyoni	Iseske	Igwambele-Mwanga	Dam	-6.40384	35.10738	1101	Feb-06	33.2	8.23	9.6	128	0	0.4	0.00	0.8	0	1.00	0.0	10 <	
141	SW-SG-26	Singida	Manyoni	Majiri	Majiri	Dam	-6.06558	35.01544	828	Feb-06	30.1	8.17	27.1	145	0	0.4	0.00	0.4	0	0.50	0.0	10 <	
142	SW-SG-27	Singida	Manyoni	Makuru	Makuru	Dam	-5.65061	35.27143	896	Feb-06	25.5	6.86	8.0	237	0	0.4	0.00	0.2	0	0.50	0.0	10 <	
143	SW-SG-28	Singida	Manyoni	Makuru	Hika	Spring	-5.69873	34.98660	1171	Feb-06	29.0	8.54	55.1	174	0	5.0	0.00	0.2	0	0.00	0.0	10 <	
144	SW-SG-29	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
145	SW-SG-30	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
146	SW-SG-31	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
147	SW-SG-32	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
148	SW-SG-33	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
149	SW-SG-34	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
150	SW-SG-35	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
151	SW-SG-36	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
152	SW-SG-37	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
153	SW-SG-38	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
154	SW-SG-39	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
155	SW-SG-40	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
156	SW-SG-41	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
157	SW-SG-42	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
158	SW-SG-43	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
159	SW-SG-44	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
160	SW-SG-45	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
161	SW-SG-46	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	
162	SW-SG-47	Singida	Manyoni	Makuru	Makuru	Spring	-5.73523	34.84488	1278	Feb-06	25.7	6.35	58.0	188	0	0.4	0.00	0.2	10	0.00	0.0	10 <	</

Table Results of 1st Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (mS/m)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Cotiform	Remarks
Tanzania Standard for Drinking Water (Lower Limit)																							
Tanzania Standard for Drinking Water (Upper Limit)																							
WHO Guide Line																							
166	SW-SG-47	Singida	Singida Rural	Kinyeto	Kinyeto	Waterhole	-4.74568	34.83363	1552	Feb-06	27.9	7.14	26.7	120	0	1.5	0.01	1.5	50.0	0.3	0.5	N/D	
167	SW-SG-48	Singida	Singida Rural	Mangungu	Tupendane	Waterhole	-5.26781	34.93785	1988	Feb-06	22.3	5.25	30.0	278	0	0.8	0.00	0.4	10	0.10	0.0	++	
168	SW-SG-49	Singida	Singida Rural	Mgungu	Ufana	Waterhole	-4.85992	34.03076	1049	Feb-06	24.6	6.75	13.2	86	0	0.8	0.00	0.5	45	0.00	0.0	++	
169	SW-SG-50	Singida	Iramba	Kidaru	Ndaromo	River	-4.04205	34.54945	1074	Feb-06	26.6	8.39	53.2	170	0	2.8	0.00	0.2	1	0.00	0.0	++	
170	SW-SG-51	Singida	Singida Rural	Minyuete	Miyuete	Waterhole	-4.97716	34.53413	1316	Feb-06	27.3	7.07	91.0	296	0	3.4	0.00	0.3	1	0.00	0.0	+	
171	SW-SG-52	Singida	Singida Rural	Mnyughle	Misake	Waterhole	-4.97716	34.53413	1316	Feb-06	27.3	7.08	48.2	65	0	0.8	0.00	1.6	0	1.00	1.0	+++	
172	SW-SG-53	Singida	Singida Rural	Masugaba	Munane	Waterhole	-5.00555	35.00060	1284	Feb-06	23.6	7.40	52.4	232	0	0.4	0.00	4.0	5	0.10	0.0	+	
173	SW-SG-53	Singida	Singida Rural	Masugaba	Munane	Dug well	-4.99290	34.99416	1288	Feb-06	24.8	6.73	15.3	229	0	0.4	0.00	0.5	2	0.10	0.0	++	
174	SW-SG-54	Singida	Singida Rural	Mahiniri	Mpetu	Spring	-5.15985	34.66183	1463	Feb-06	26.8	6.38	26.4	160	0	0.4	0.00	0.2	1	0.10	0.0	++	
175	SW-SG-55	Singida	Singida Rural	Muhiniri	Mpetu	Spring	-5.16336	34.21488	1453	Feb-06	27.8	7.12	14.1	180	0	0.4	0.00	0.2	1	0.05	0.0	++	
176	SW-SG-56	Singida	Singida Rural	Mwaru	Mpingazi	Spring	-4.74264	34.21488	1189	Feb-06	23.8	5.87	18.7	276	0	0.4	0.00	1.0	45	0.00	0.0	+	
177	SW-SG-57	Singida	Singida Rural	Niantu	Niantu	Waterhole	-5.13424	34.92977	1511	Feb-06	23.7	4.92	29.4	288	0	0.4	0.00	0.5	20	0.10	0.0	+	
178	SW-SG-58	Singida	Singida Rural	Pama	Uhabo	Spring	-4.95402	34.74345	1599	Feb-06	24.5	5.44	37.0	253	0	0.0	0.00	0.2	0	0.00	0.0	+	
179	SW-SG-59	Singida	Singida Rural	Pama	Uhabo	Spring	-4.97126	34.76111	1596	Feb-06	24.8	8.02	27.0	175	0	0.8	0.00	0.5	0	0.00	0.0	++	
180	SW-SG-60	Singida	Iramba	Kidaru	Kidaru	River	-4.12702	34.49534	1110	Feb-06	26.8	8.21	37.2	190	0	2.6	0.00	0.2	5	0.00	0.0	++	
181	SW-SG-60	Singida	Singida Rural	Pama	Uhabo	Waterhole	-4.96478	34.76476	1610	Feb-06	23.8	5.69	3.8	140	0	0.4	0.00	0.2	1	0.00	0.0	+++	
182	SW-SG-7	Singida	Iramba	Kidaru	Kidaru	Waterhole	-4.08338	34.9119	1112	Feb-06	27.0	7.98	93.0	160	0	2.5	0.00	0.2	1	0.00	0.0	+++	
183	SW-SG-9	Singida	Iramba	Kisiri	Kisiri	River	-4.24116	34.40986	1371	Feb-06	26.5	8.25	32.8	168	0	5.1	0.00	0.2	2	0.00	0.0	++	
184	SW-SG-9	Singida	Iramba	Kisiri	Kisiri	Spring	-4.22305	34.42262	1611	Feb-06	24.8	6.82	18.9	235	0	0.8	0.00	0.5	2	1.00	0.0	++	
185	SW-SY-1	Shinyanga	Kahama	Mwalugulu	Mwalugulu	Dug well	-3.83872	34.81375	1306	Feb-06	24.8	6.56	6.4	170	0	0.8	0.00	0.5	10	0.05	0.0	8	
186	SW-SY-10	Shinyanga	Kishapu	Nyagala	Nyagala	Dug well	-3.88774	33.78982	1100	Feb-06	22.5	7.82	22.4	186	0	0.4	0.00	1.0	1	0.00	0.0	++	
187	SW-SY-11	Shinyanga	Kishapu	Shagilili	Shagilili	Dug well	-3.71102	33.92349	1096	Feb-06	28.2	7.80	38.0	206	0	0.8	0.00	0.2	5	0.00	0.0	++	
188	SW-SY-12	Shinyanga	Kishapu	Shagilili	Shagilili	Dug well	-3.71102	33.92349	1096	Feb-06	28.2	7.80	38.0	206	0	0.8	0.00	0.2	5	0.00	0.0	++	
189	SW-SY-13	Shinyanga	Kishapu	Somagedi	Somagedi	River	-3.71024	34.92319	1093	Feb-06	31.8	8.19	35.0	203	0	1.5	0.00	2.0	5	0.00	0.0	9	
190	SW-SY-14	Shinyanga	Mawa	Budaka	Kiesia	River	-3.78499	34.06994	1090	Feb-06	29.8	8.15	56.1	191	0	1.8	0.00	0.5	0	0.00	0.0	+	The River's name is Somagedi
191	SW-SY-15	Shinyanga	Mawa	Dakana	Mwamasindeke	Dam	-3.46808	33.85610	1178	Feb-06	26.9	8.38	11.4	166	0	0.8	0.00	0.0	1	0.00	0.0	++	
192	SW-SY-16	Shinyanga	Mawa	Dakana	Saungamwagesha	River	-3.41479	34.10457	1185	Feb-06	29.3	7.87	22.1	175	0	0.8	0.00	0.2	2	0.00	0.0	+	
193	SW-SY-17	Shinyanga	Mawa	Dakana	Saungamwagesha	River	-3.41799	34.08910	1184	Feb-06	31.2	8.10	25.3	100	0	0.8	0.00	0.2	10	0.00	0.0	+	
194	SW-SY-18	Shinyanga	Mawa	Dakana	Mwandete	River	-3.47829	34.00891	1161	Feb-06	31.0	8.60	16.5	143	0	0.8	0.00	0.2	1	0.00	0.0	+	
195	SW-SY-19	Shinyanga	Mawa	Masia	Masia	Dug well	-3.33408	33.67379	1206	Feb-06	24.5	7.62	41.9	187	0	0.8	0.00	0.0	0	0.00	0.0	9	
196	SW-SY-20	Shinyanga	Mawa	Masia	Masia	Dug well	-3.33408	33.67379	1206	Feb-06	24.5	7.62	41.9	187	0	0.8	0.00	0.0	0	0.00	0.0	9	
197	SW-SY-21	Shinyanga	Kahama	Mwalugulu	Mwalugulu	Waterhole	-3.84685	32.80467	1187	Feb-06	21.2	8.95	41.1	134	0	0.8	0.00	0.2	20	0.00	0.0	+	The River's name is Nyamufi
198	SW-SY-21	Shinyanga	Mawa	Mpingo	Sonari	Dug well	-3.17876	34.04622	1316	Feb-06	26.5	7.42	161.4	177	0	0.8	0.00	1.0	20	0.00	0.0	+	
199	SW-SY-22	Shinyanga	Mawa	Sukuma	Separi	Spring	-3.17353	34.03967	1328	Feb-06	22.5	7.20	22.4	211	0	0.8	0.00	0.5	0	0.00	0.0	0	
200	SW-SY-23	Shinyanga	Mawa	Sukuma	Sukuma	Dug well	-3.20735	33.89641	1357	Feb-06	25.7	8.50	25.0	176	0	0.8	0.00	0.0	5	0.00	0.0	+	
201	SW-SY-24	Shinyanga	Mawa	Sukuma	Sukuma	Dug well	-3.27653	33.85953	1310	Feb-06	25.9	6.95	21.3	220	0	0.8	0.00	0.0	45	0.00	0.0	++	
202	SW-SY-25	Shinyanga	Mawa	Sukuma	Sukuma	Dug well	-3.27656	33.85954	1309	Feb-06	25.7	8.32	13.0	197	0	0.8	0.00	0.2	1	0.00	0.0	+	
203	SW-SY-26	Shinyanga	Mawa	Bukundi	Bukundi	River	-3.89423	34.52989	1038	Feb-06	24.5	8.26	25.8	215	0	2.6	0.00	2.0	5	0.00	0.0	+	
204	SW-SY-27	Shinyanga	Mawa	Bukundi	Bukundi	River	-3.89958	34.52617	1035	Feb-06	26.5	8.24	56.0	171	0	6.0	0.00	1.0	20	0.00	0.0	8	
205	SW-SY-28	Shinyanga	Mawa	Imalaseko	Nata	River	-3.67615	34.13628	1111	Feb-06	31.1	8.22	5.7	207	0	0.8	0.00	0.5	1	0.00	0.0	+	
206	SW-SY-29	Shinyanga	Mawa	Imalaseko	Nata	River	-3.67615	34.13628	1111	Feb-06	28.3	7.88	16.6	177	0	0.8	0.00	0.0	1	0.00	0.0	+	
207	SW-SY-30	Shinyanga	Mawa	Kiesia	Kiesia	Dug well	-3.01749	34.12931	1318	Feb-06	27.5	7.59	72.4	162	0	2.3	0.00	2.0	45	0.00	0.0	5	Installed with NIRA Pump
208	SW-SY-30	Shinyanga	Mawa	Kiesia	Kiesia	Dug well	-3.01749	34.12931	1318	Feb-06	27.5	7.59	72.4	162	0	2.3	0.00	2.0	45	0.00	0.0	5	
209	SW-SY-31	Shinyanga	Mawa	Mwabusa	Mwabusa	River	-3.01538	34.12942	1321	Feb-06	26.4	8.06	8.5	207	0	0.4	0.00	0.0	1	0.00	0.0	++	
210	SW-SY-32	Shinyanga	Mawa	Mwabusa	Mwabusa	Dug well	-3.01798	34.24679	1338	Feb-06	25.0	7.78	66.9	188	0	6.5	0.00	1.0	10	0.00	0.0	+	
211	SW-SY-33	Shinyanga	Mawa	Mwabusa	Mwabusa	Dug well	-3.20579	34.12944	1317	Feb-06	27.2	7.91	79.0	201	0	0.8	0.00	0.2	5	0.00	0.0	7	
212	SW-SY-34	Shinyanga	Mawa	Mwabusa	Mwabusa	River	-3.20498	34.12881	1316	Feb-06	24.5	8.08	10.9	169	0	0.4	0.00	0.2	2	0.00	0.0	++	The River's name is Imwaga
213	SW-SY-35	Shinyanga	Mawa	Mwabusa	Mwabusa	River	-3.21317	34.26694	1071	Feb-06	27.4	8.32	11.1	197	0	0.8	0.00	0.0	2	0.05	0.0	++	
214	SW-SY-36	Shinyanga	Mawa	Mwabusa	Mwabusa	River	-3.21317	34.26694	1071	Feb-06	25.0	8.17	7.9	180	0	0.8	0.00	0.2	2	0.00	0.0	++	The River's name is Somu
215	SW-SY-37	Shinyanga	Mawa	Mwabusa	Mwabusa	Dug well	-3.18062	34.28632	1345	Feb-06	26.5	7.69	120.6	197	0	3.1	0.00	2.0	10	0.00	0.0	8	
216	SW-SY-38	Shinyanga	Mawa	Mwabusa	Mwabusa	Dug well	-3.26458	34.29273	1311	Feb-06	28.2	7.70	11.6	183	0	8.2	0.00	2.0	5	0.00	0.0	9	Installed with NIRA Pump
217	SW-SY-39	Shinyanga	Mawa	Mwabusa	Mwabusa	River	-3.20097	34.25586	1316	Feb-06	27.5	8.33	11.3	181	0	1.1	0.00	1.0	20	0.00	0.0	++	
218	SW-SY-40	Shinyanga	Kishapu	Mbashi	Mbashi	River	-3.70903	34.43482	1107	Feb-06	26.4	8.18	20.7	193	0	2.3	0.00	2.0	5	0.00	0.0	++	The River's name is Irembe
219	SW-SY-40	Shinyanga	Mawa	Mwasaga	Mwasaga	Dug well	-3.86323	33.98704	1069	Feb-06	27.6	7.61	176.7	152	0	2.8	0.00	0.5	0	0.00	0.0	++	
220	SW-SY-41	Shinyanga	Mawa	Nkoma	Nkoma	River	-3.62373	34.34672	1136	Feb-06	25.1	8.09	17.0	176	0	0.8	0.00	0.2	2	0.00	0.0	+	
220	SW-SY-41	Shinyanga	Mawa	Dida	Dida	Dam	-3.87682	33.02344	1166	Feb-06	26.0	7.54	7.6	199	0	0.4	0.00	0.5	2	0.10	0.0	++	

Table Results of 1st Stratified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (µS/cm)	ORP (mV)	S (mg/L)	F (mg/L)	As (mgAs ₃ /L)	NH ₄ (mgNH ₄ /L)	NO ₃ (mgNO ₃ -N/L)	Fe (mgFe ₂ /L)	Mn (mgMn/L)	Coliform	Remarks
												6.5-8.5				1.5	0.05		10.0	10.0	0.1	10 <	
												6.5-9.2			4.0	1.5	0.05		75.0	1.0	0.5	10 <	
																1.5	0.01		50.0	0.3	0.5	N.D	
221	SW-SY-42	Shinyanga	Shinyanga	Ditla	Nyasambi	Dug well	-3.88768	33.02709	1162	Feb-06	26.2	7.32	116.4	210	0	3.3	0.00	0.2	2.0	0.00	0.0	+	
222	SW-SY-43	Shinyanga	Shinyanga	Ditla	Nyasambi	Spring	-3.89617	33.01722	1159	Feb-06	26.8	7.48	17.5	172	0	0.8	0.00	1.0	2.0	0.10	0.0	++	
223	SW-SY-44	Shinyanga	Shinyanga	Ineslea	Mwananyuda	Dug well	-3.73389	33.13051	1231	Feb-06	26.5	7.51	16.1	53	0	0.4	0.00	0.2	1.0	0.00	0.0	+++	
224	SW-SY-45	Shinyanga	Shinyanga	Ineslea	Mwananyuda	Pond	-3.73454	33.13450	1221	Feb-06	27.2	7.92	32.8	94	0	0.8	0.00	0.2	1.0	0.00	0.0	+	
225	SW-SY-46	Shinyanga	Shinyanga	Ineslea	Mwananyuda	Spring	-3.74656	33.13051	1214	Feb-06	27.0	7.48	79.2	78	0	0.4	0.00	0.2	1.0	0.00	0.0	+	
226	SW-SY-47	Shinyanga	Shinyanga	Ineslea	Mwananyuda	Borehole	-3.50719	33.28951	1200	Feb-06	25.6	7.51	46.6	117	0	0.8	0.00	0.2	2.0	0.05	0.0	+	
227	SW-SY-48	Shinyanga	Shinyanga	Isimagaazi	Mwasitanga	Rain water	-3.51713	33.18446	1201	Feb-06	24.2	7.51	7.7	146	0	0.0	0.00	0.2	2.0	0.00	0.0	+	
228	SW-SY-49	Shinyanga	Shinyanga	Samuye	Mwangaalanga	Dug well	-3.85343	33.33955	1098	Feb-06	25.2	7.37	203.6	178	0	4.5	0.00	0.2	2.0	0.00	0.0	6	
229	SW-SY-50	Shinyanga	Shinyanga	Masanga	Masanga	River	-3.85762	33.98704	1068	Feb-06	25.9	8.40	32.1	205	0	1.8	0.00	0.2	5.0	0.00	0.0	2	
230	SW-SY-51	Shinyanga	Shinyanga	Samuye	Mwangaalanga	Waterhole	-3.84912	33.33527	1103	Feb-06	24.0	7.36	72.5	163	0	0.4	0.00	0.5	2.0	0.00	0.0	++	
231	SW-SY-52	Shinyanga	Shinyanga	Usanda	Shabuniba	Dug well	-3.43919	33.24488	1104	Feb-06	26.0	8.12	22.1	170	0	0.8	0.00	1.0	1.0	0.05	0.0	4	
232	SW-SY-53	Shinyanga	Shinyanga	Usanda	Shabuniba	Waterhole	-3.90106	33.24656	1100	Feb-06	27.2	7.56	119.8	88	0	2.0	0.00	0.5	2.0	0.00	0.0	++	
233	SW-SY-54	Shinyanga	Shinyanga	Usule	Maseleko	Dug well	-3.72028	33.20153	1244	Feb-06	28.0	7.35	53.7	100	0	0.8	0.00	0.5	4.5	0.00	0.0	+	
234	SW-SY-55	Shinyanga	Shinyanga	Usule	Maseleko	Spring	-3.71492	33.19889	1233	Feb-06	25.6	9.28	26.9	12	0	0.8	0.00	2.0	1.0	0.50	0.0	+	
235	SW-SY-56	Shinyanga	Shinyanga	Mondo	Mwiguambi	Dug well	-3.42557	33.23238	1173	Feb-06	25.6	8.77	51.3	164	0	0.8	0.00	0.5	2.0	0.00	0.0	+	
236	SW-SY-57	Shinyanga	Shinyanga	Mondo	Mwiguambi	River	-3.43269	33.21479	1169	Feb-06	21.7	9.50	4.4	150	0	0.8	0.00	0.5	2.0	0.05	0.0	++	The River's name is Mhumbu
237	SW-SY-58	Shinyanga	Shinyanga	Mwandi Lumbulo	Idukilo	River	-3.44606	33.66908	1167	Feb-06	27.9	8.05	15.7	187	0	0.8	0.00	1.0	5.0	0.00	0.0	++	The River's name is Tungu
238	SW-SY-59	Shinyanga	Shinyanga	Mwanashimba	Isagila	River	-3.72162	33.82393	1089	Feb-06	26.5	7.81	47.2	194	0	1.3	0.00	1.0	5.0	0.00	0.0	++	
239	SW-TB-1	Tabora	Igunga	Bukoko	Jambulya	Dam	-4.36484	33.80926	1136	Feb-06	25.8	7.56	15.9	83	0	0.4	0.00	0.2	0	0.10	0.0	+	
240	SW-TB-10	Tabora	Igunga	Kinungu	Mwananuli	River	-3.97510	33.54431	1100	Feb-06	26.4	8.42	13.6	104	0	0.8	0.00	0.0	2.0	0.00	0.0	NH	
241	SW-TB-11	Tabora	Igunga	Mwanashimba	Mwananuli	River	-4.14827	33.74408	1106	Feb-06	29.9	8.70	20.7	177	0	0.8	0.00	0.0	0.0	0.00	0.0	< 10	
242	SW-TB-12	Tabora	Igunga	Mwanashimba	Imalanguzi	Borehole	-4.11759	33.80943	1125	Feb-06	30.7	8.95	38.2	91	0	0.8	0.00	0.2	2.0	0.00	0.0	++	
243	SW-TB-13	Tabora	Igunga	Mwanashimba	Imalanguzi	Dam	-4.12336	33.79196	1124	Feb-06	25.3	8.21	12.6	245	0	0.4	0.00	0.2	0	0.05	0.0	++	
244	SW-TB-14	Tabora	Igunga	Simbo	Mpogolo	River	-4.60368	33.56497	1207	Feb-06	31.2	7.83	27.0	212	0	0.4	0.00	0.4	0	0.05	0.0	0	
245	SW-TB-15	Tabora	Nzega	Iguale	Wela	Waterhole	-3.94985	32.84316	1207	Feb-06	24.6	6.62	10.3	309	0	0.8	0.00	0.0	2.0	0.10	0.0	++	
246	SW-TB-16	Tabora	Nzega	Iguale	Wela	Shallow well	-4.1247	32.86994	1175	Feb-06	30.3	7.92	28.6	293	0	0.8	0.00	0.0	1.0	0.30	0.0	0	Shallow well with Hand Pump
247	SW-TB-17	Tabora	Nzega	Iguale	Wela	Spring	-4.12122	32.90017	1173	Feb-06	30.3	6.59	13.2	208	0	0.4	0.00	0.2	1.0	0.05	0.0	0	
248	SW-TB-18	Tabora	Nzega	Iguale	Wela	Waterhole	-4.13122	33.03099	1182	Feb-06	28.0	6.83	12.6	214	0	0.4	0.00	0.2	2.0	0.00	0.0	0	
249	SW-TB-19	Tabora	Nzega	Iguale	Wela	Shallow well	-4.53483	33.27027	1254	Feb-06	30.5	5.58	12.6	230	0.1	0.0	0.00	0.2	2.0	0.00	0.0	++	Broken Hand Pump
250	SW-TB-20	Tabora	Nzega	Iguale	Wela	Dam	-4.12058	33.37660	1154	Feb-06	30.1	7.74	16.5	236	0	0.4	0.00	0.2	2.0	0.30	0.0	+	
251	SW-TB-21	Tabora	Nzega	Iguale	Wela	Waterhole	-4.29901	33.28019	1224	Feb-06	30.5	6.08	7.4	278	0	0.4	0.00	0.5	5.0	0.05	0.0	+	
252	SW-TB-22	Tabora	Nzega	Iguale	Wela	Waterhole	-4.73606	33.29960	1237	Feb-06	25.9	5.94	30.6	271	0	0.4	0.00	0.4	2.0	0.05	0.0	+++	
253	SW-TB-23	Tabora	Nzega	Iguale	Wela	Waterhole	-5.90613	32.92314	1257	Feb-06	26.4	6.03	4.9	287	0	0.4	0.00	0.4	5.0	0.05	0.0	+++	
254	SW-TB-24	Tabora	Uyui	Goweke	Goweke	Shallow well	-5.32448	33.15119	1209	Feb-06	22.5	4.30	29.0	330	0	0.4	0.00	0.4	2.0	1.00	0.0	+	No Pump
255	SW-TB-25	Tabora	Uyui	Goweke	Goweke	Shallow well	-5.49332	33.84302	1277	Feb-06	25.1	5.12	52.5	250	0	0.4	0.00	0.2	4.5	0.00	0.0	+	No Pump
256	SW-TB-26	Tabora	Uyui	Goweke	Goweke	Shallow well	-5.44992	33.64339	1187	Feb-06	24.6	6.99	12.9	8	0	0.4	0.00	0.5	0	0.30	0.0	+	No Pump
257	SW-TB-27	Tabora	Uyui	Goweke	Goweke	Waterhole	-5.34488	33.57997	1173	Feb-06	26.5	5.07	13.3	254	0	0.4	0.00	0.4	1.0	0.10	0.0	+	This is the major water source for villagers
258	SW-TB-28	Tabora	Uyui	Goweke	Goweke	River	-4.11774	33.37129	1145	Feb-06	26.0	7.29	17.4	259	0	0.8	0.00	0.2	1.0	0.10	0.0	NH	
259	SW-TB-29	Tabora	Uyui	Goweke	Goweke	River	-4.75271	33.60557	1192	Feb-06	31.8	7.37	14.6	152	0	0.4	0.00	0.2	2.0	0.05	0.0	+	
260	SW-TB-30	Tabora	Uyui	Goweke	Goweke	Shallow well	-4.75005	33.60481	1191	Feb-06	27.6	6.67	5.5	217	0	0.0	0.00	0.2	2.0	0.05	0.0	0	
261	SW-TB-31	Tabora	Uyui	Goweke	Goweke	Dam	-4.35453	33.87897	1088	Feb-06	26.7	7.76	15.3	253	0	0.8	0.00	0.2	2.0	0.05	0.0	+	
262	SW-TB-32	Tabora	Uyui	Goweke	Goweke	Spring	-4.35372	33.88941	1077	Feb-06	28.5	7.40	41.5	303	0	0.4	0.00	0.2	2.0	0.05	0.0	+	
263	SW-TB-33	Tabora	Uyui	Goweke	Goweke	River	-4.6908	33.66409	1140	Feb-06	28.4	8.10	16.3	228	0	0.8	0.00	0.2	0	0.60	0.0	0	
264	SW-TB-34	Tabora	Uyui	Goweke	Goweke	Dam	-3.98729	33.51785	1130	Feb-06	32.0	9.80	58.3	147	0	0.4	0.00	0.5	0	0.60	0.0	< 10	

Table Results of 2nd Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (mS/m)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Remarks
1	AR-22	Anusha	Anamuru	Onnemet	Bekwawa	Borehole	-3.30854	36.63199	1516	Aug-06	20.6	7.90	99.3	178	0.1	1.5	0.01	1.5	250	0.3	0.1	10 <	
2	AR-23	Anusha	Monduli	Makuruni	Nenoria	Borehole	-3.63654	36.12131	1078	Aug-06	28.4	8.96	94.9	125	0.1	2.0	0.00	0.2	5	0.05	0.5	0	
3	AR-29/4	Anusha	Monduli	Namanga	Namanga	Spring	-3.31629	36.78051	1223	Aug-06	24.5	7.77	8.4	171	0.1	0.3	0.00	0.2	1	0.05	0.5	+	
4	AR-31	Anusha	Ngorongoro	Kakasio	Kakasio	Borehole	-3.38126	34.98895	1709	Aug-06	22.5	7.86	409.0	108	0.1	5.5	0.00	0.5	1	0.05	0.5	0	
5	AR-32	Anusha	Ngorongoro	Sotikamba	Mondrosi	Borehole	-1.69097	35.48650	2020	Aug-06	15.8	8.50	64.0	200	0.1	2.5	0.00	0.2	1	0.05	0.5	0	
6	AR-34	Anusha	Ngorongoro	Sainokanoka	Lemala	Borehole	-3.16012	35.68173	2347	Aug-06	16.0	6.98	22.4	91	0.1	0.5	0.00	0.2	1	0.05	0.5	0	
7	AR-4/2	Anusha	Anamuru	Onnemet	Bekwawa	Borehole	-3.30739	36.63418	1528	Aug-06	21.6	8.69	95.7	145	0.1	2.6	0.00	0.5	10	0.05	0.5	++	
8	AR-7	Anusha	Karuru	Barey	Jobaj	Borehole	-3.54876	35.35001	1066	Aug-06	23.5	9.52	102.4	6	0.1	3.8	0.00	0.2	2	0.05	0.5	0	
9	SW-AR-1	Anusha	Arumeru	Rigori	Matija	Dug well	-3.37019	37.01788	940	Aug-06	23.3	8.12	41.5	172	0.1	2.3	0.00	0.5	20	0.10	0.5	0	
10	SW-AR-10	Anusha	Arumeru	Maji ya Chit	Infinito - Sabaki Kusasira Magidili	River	-3.36887	36.89508	1190	Aug-06	18.6	8.67	86.8	125	0.1	22.2	0.00	0.2	1	0.10	0.5	0	
11	SW-AR-11	Anusha	Arumeru	Usa River	USA River (Urban Area)	River	-3.36897	36.85575	1151	Aug-06	19.9	8.43	29.3	114	0.1	3.8	0.00	0.2	2	0.05	0.5	0	
12	SW-AR-12	Anusha	Arumeru	Kizanyi	Ikturei (Urban Area)	River	-3.40319	36.65893	1313	Aug-06	19.3	8.47	62.9	136	0.1	6.1	0.00	0.2	5	0.05	0.5	+++	
13	SW-AR-14	Anusha	Karuru	Daa	Endashangwei	Spring	-3.45837	35.54754	1275	Aug-06	24.3	8.04	15.0	112	0.1	1.2	0.00	0.2	1	0.05	0.5	+++	
14	SW-AR-15/2	Anusha	Karuru	Endamarenek	Endamarenek	River	-3.49268	35.64789	1383	Aug-06	21.7	7.95	17.3	152	0.1	0.4	0.00	0.2	1	0.05	0.5	+	
15	SW-AR-16	Anusha	Karuru	Kansay	Kansay	Dug well	-3.64364	35.57401	1655	Aug-06	19.3	7.26	69.1	178	0.1	1.2	0.00	0.2	2	0.05	0.5	0	
16	SW-AR-17	Anusha	Karuru	Kansay	Kansay	Dug well	-3.63666	35.57992	1673	Aug-06	16.9	8.38	48.5	138	0.1	1.2	0.00	0.2	10	0.05	0.5	+++	
17	SW-AR-18	Anusha	Karuru	Kansay	Kansay	Spring	-3.65936	35.58920	1691	Aug-06	19.6	8.25	25.8	180	0.1	0.5	0.00	0.2	1	0.05	0.5	+++	
18	SW-AR-19	Anusha	Karuru	Karuru	Karuru	Spring	-3.33596	35.67712	1530	Aug-06	21.6	7.88	11.2	222	0.1	0.3	0.00	0.2	2	0.30	0.5	+++	
19	SW-AR-20	Anusha	Arumeru	Mangolia	Mangolia Barazani	Spring	-3.38304	36.93851	1100	Aug-06	19.7	7.60	22.0	167	0.1	4.4	0.00	0.2	1	0.05	0.5	0	
20	SW-AR-21	Anusha	Monduli	Engarembet	Engarembet	Spring	-3.52465	36.48116	1095	Aug-06	23.2	8.09	23.7	169	0.1	0.4	0.00	0.2	2	0.05	0.5	0	
21	SW-AR-22	Anusha	Monduli	Engarua	Engarua	Spring	-2.99581	35.99721	842	Aug-06	21.6	8.41	30.5	184	0.1	1.4	0.00	0.2	1	0.05	0.5	0	
22	SW-AR-23	Anusha	Monduli	Cela Miringi	Miringi	River	-2.99581	35.99721	842	Aug-06	21.6	8.41	30.5	184	0.1	0.7	0.00	0.2	1	0.05	0.5	+++	
23	SW-AR-24	Anusha	Monduli	Kinumburi	Orisujungubushu	Spring	-2.82371	36.32076	1175	Aug-06	29.0	8.25	25.8	180	0.1	0.5	0.00	0.2	1	0.05	0.5	+++	
24	SW-AR-25	Anusha	Monduli	Lokisale	Lokisale	Dam	-2.73180	36.42501	1380	Aug-06	24.7	7.78	20.8	165	0.1	0.6	0.00	0.2	1	0.10	0.5	+++	
25	SW-AR-26	Anusha	Monduli	Lokisale	Lokisale	Spring	-3.73183	36.42301	1385	Aug-06	20.2	7.58	116.1	155	0.1	0.5	0.00	1.0	2	0.30	0.5	+++	
26	SW-AR-27	Anusha	Monduli	Lokisale	Lokisale	Spring	-2.72862	36.69736	1365	Aug-06	26.2	7.71	9.7	185	0.1	0.2	0.00	0.4	1	0.05	0.5	0	
27	SW-AR-28	Anusha	Monduli	Monduli Jun	Enafete	Spring	-3.25131	36.39092	1784	Aug-06	17.0	7.33	55.8	133	0.1	4.5	0.00	0.2	1	0.05	0.5	0	
28	SW-AR-29	Anusha	Monduli	Mto wa Mbu	Mto wa Mbu	Spring	-3.36897	36.93519	1374	Aug-06	21.3	8.74	34.5	106	0.1	0.9	0.00	0.2	2	0.05	0.5	+++	
29	SW-AR-30	Anusha	Monduli	Leguruki	Leguruki	River	-3.25187	36.93519	1374	Aug-06	18.8	8.52	36.4	137	0.1	5.6	0.00	0.2	2	0.05	0.5	0	
30	SW-AR-31	Anusha	Monduli	Mto wa Mbu	Setela	Spring	-3.20148	35.94257	1051	Aug-06	19.1	8.46	24.2	149	0.1	0.7	0.00	0.2	2	0.05	0.5	0	
31	SW-AR-32	Anusha	Monduli	Namanga	Mto wa Mbu	Spring	-3.37131	35.83300	992	Aug-06	21.8	7.64	31.7	142	0.1	0.5	0.00	0.2	2	0.05	0.5	+++	
32	SW-AR-33	Anusha	Monduli	Namanga	Endezake	Borehole	-2.55391	36.77969	1316	Aug-06	22.6	7.82	7.7	170	0.1	0.2	0.00	0.2	1	0.05	0.5	0	
33	SW-AR-34	Anusha	Monduli	Olomole	Olomole	Spring	-2.86271	37.12373	1682	Aug-06	18.2	7.65	55.6	162	0.1	0.3	0.00	0.2	10	0.05	0.5	+	
34	SW-AR-35	Anusha	Monduli	Sepoko	Dukambwa	Spring	-3.40721	36.48472	1450	Aug-06	18.1	7.46	28.7	136	0.1	5.1	0.00	0.2	1	0.05	0.5	0	
35	SW-AR-36	Anusha	Ngorongoro	Enduleni	Arush	Spring	-2.37614	35.50766	1684	Aug-06	18.4	7.65	43.0	37	0.1	1.1	0.00	0.2	1	0.05	0.5	+++	
36	SW-AR-37	Anusha	Ngorongoro	Enduleni	Enduleni	Borehole	-3.20370	35.27245	1909	Aug-06	16.7	8.16	53.3	191	0.1	1.5	0.00	0.2	2	0.05	0.5	0	
37	SW-AR-38	Anusha	Ngorongoro	Enduleni	Enduleni	River	-3.21441	35.26815	1804	Aug-06	16.0	8.36	36.8	184	0.1	0.9	0.00	0.2	2	0.05	0.5	+++	
38	SW-AR-39	Anusha	Ngorongoro	Malambo	Piyawa	Spring	-2.58425	35.50472	1534	Aug-06	26.0	7.07	275.0	137	0.1	3.9	0.00	0.2	10	0.05	0.5	+++	
39	SW-AR-40	Anusha	Anamuru	Mlangariti	Nainokanoka	River	-3.02601	35.68974	2640	Aug-06	12.9	8.52	30.4	1	0.1	2.7	0.00	0.2	1	0.05	0.5	+++	
40	SW-AR-41	Anusha	Ngorongoro	Nainokanoka	Nainokanoka	Spring	-3.45134	36.78713	1196	Aug-06	22.5	7.88	74.7	181	0.1	1.9	0.00	0.2	45	0.05	0.5	+++	
41	SW-AR-42	Anusha	Ngorongoro	Ngorongoro	Nainokanoka	Spring	-3.02600	35.68970	2640	Aug-06	15.3	8.03	57.5	31	0.1	1.8	0.00	0.2	1	0.05	0.5	+++	
42	SW-AR-43	Anusha	Ngorongoro	Ngorongoro	Ngorongoro Makoo	Spring	-3.26229	35.48654	2423	Aug-06	14.5	8.26	24.7	185	0.1	0.5	0.00	0.2	1	0.05	0.5	0	
43	SW-AR-44	Anusha	Ngorongoro	Oligosrok	Loliondo	Borehole	-2.05094	35.62217	2151	Aug-06	18.0	8.86	17.4	68	0.1	0.3	0.00	0.2	1	0.05	0.5	0	
44	SW-AR-45	Anusha	Ngorongoro	Oligosrok	Oligosrok	Borehole	-2.06447	35.55223	2014	Aug-06	21.1	6.13	13.6	104	0.1	0.2	0.00	0.2	2	2.00	0.5	0	
45	SW-AR-46	Anusha	Ngorongoro	Oligosrok	Oligosrok	Borehole	-2.06070	35.56225	2033	Aug-06	19.2	6.76	17.6	92	0.1	0.3	0.00	0.2	2	0.30	0.5	0	
46	SW-AR-47	Anusha	Ngorongoro	Oligosrok	Oligosrok	Dam	-1.98132	35.67056	2193	Aug-06	18.5	7.86	15.6	76	0.1	0.9	0.00	0.2	1	0.05	0.5	+++	
47	SW-AR-48	Anusha	Ngorongoro	Pinyitvi	Engasero Sambu	River	-2.52924	35.87869	672	Aug-06	27.7	8.80	96.0	127	0.1	3.4	0.00	0.2	2	0.05	0.5	+++	
48	SW-AR-49	Anusha	Ngorongoro	Pinyitvi	Pinyitvi	River	-2.52924	35.87869	672	Aug-06	27.7	8.80	96.0	127	0.1	3.4	0.00	0.2	2	0.05	0.5	+++	
49	SW-AR-50	Anusha	Anamuru	Mwandiwi	Engaruto	Spring	-3.26548	36.60522	1671	Aug-06	21.8	8.74	70.2	154	0.1	1.2	0.00	0.2	5	0.05	0.5	+++	
50	SW-AR-51	Anusha	Ngorongoro	Pinyitvi	Engaruto	Spring	-2.49217	35.89550	618	Aug-06	29.1	8.40	112.0	128	0.1	5.1	0.00	0.2	2	0.05	0.5	+++	
51	SW-AR-52	Anusha	Ngorongoro	Sale	Sale	Spring	-2.28613	35.69979	1222	Aug-06	24.7	6.73	45.1	185	0.1	0.6	0.00	0.2	1	0.05	0.5	0	
52	SW-AR-53	Anusha	Anamuru	Ngaranyaki	Olkungwado	Spring	-3.17905	36.86003	1457	Aug-06	18.5	7.25	47.5	167	0.1	7.1	0.00	0.2	5	0.05	0.5	0	
53	SW-AR-6	Anusha	Anamuru	Nkaurua	Nkaurua	Borehole	-3.32023	36.76222	1487	Aug-06	20.7	6.86	21.2										

Table Results of 2nd Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (mS/m)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH4 (mg/L)	NO3 (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Remarks
Tanzania Standard for Drinking Water (Upper Limit)																							
WRO Guide Line																							
56	SW-AR-9	Arusha	Arambo	Ojoro	Ojoro III	Spring	3.5137	36.78715	1194	Aug-06	20.9	8.18	57.3	161	-	1.5	0.01	2	75.0	1.0	0.3	10 <	
57	DO-11	Dodoma	Dodoma Urban	Mbabazi B	Mbabazi B	Borehole	-6.28296	35.92287	1061	Aug-06	24.1	6.57	70.1	98	0.1	0.2	0.00	0.2	10	0.05	0.5	10 <	
58	SW-DO-1	Dodoma	Dodoma Rural	Chifu	Chikepe	Dug well	-6.31675	35.31697	844	Aug-06	23.8	7.38	88.2	21	0.1	0.7	0.00	0.5	43	0.00	0.0	+	
59	SW-DO-10	Dodoma	Dodoma Rural	Lamali	Bahi Makulu	Waterhole	-5.72509	35.51002	991	Aug-06	23.8	5.58	128.2	107	0.1	0.6	0.00	0.5	45	0.00	0.0	+++	
60	SW-DO-11	Dodoma	Dodoma Rural	Mpamunwa	Bahi Makulu	Dam	-6.04494	35.35008	841	Aug-06	19.2	8.32	19.6	2	0.1	0.4	0.00	0.5	0	0.30	0.0	+++	
61	SW-DO-12	Dodoma	Dodoma Rural	Mpamunwa	Mikola	Dug well	-5.90454	35.44200	996	Aug-06	28.0	6.08	62.7	63	0.1	0.4	0.00	0.2	10	0.05	0.0	+++	
62	SW-DO-13	Dodoma	Dodoma Rural	Mpamunwa	Mikola	Waterhole	-5.90205	35.43911	993	Aug-06	27.0	6.30	52.0	64	0.1	0.5	0.00	0.5	45	0.05	0.0	+	
63	SW-DO-14	Dodoma	Dodoma Rural	Nondwa	Nondwa	Dam	-6.35532	35.32985	868	Aug-06	23.9	8.78	54.5	26	0.1	1.0	0.00	0.5	0	0.05	0.0	+	
64	SW-DO-15	Dodoma	Dodoma Rural	Nondwa	Nondwa	Dug well	-6.46547	35.34185	883	Aug-06	23.6	7.37	69.1	52	0.1	0.6	0.00	0.5	1	0.00	0.0	+++	
65	SW-DO-16	Dodoma	Dodoma Rural	Nondwa	Nondwa	Dug well	-6.44673	35.34814	885	Aug-06	23.8	7.31	182.1	64	0.1	0.4	0.00	0.5	1	0.05	2.0	+++	
66	SW-DO-17	Dodoma	Dodoma Rural	Nondwa	Nondwa	Waterhole	-6.44673	35.34814	885	Aug-06	23.8	7.07	119.3	37	0.1	0.8	0.00	0.5	1	0.00	0.5	+++	
67	SW-DO-18	Dodoma	Kondoa	Busi	Chulodo	Spring	-4.81410	36.07361	1227	Aug-06	24.6	7.45	41.6	52	0.1	0.3	0.00	0.5	5	0.00	0.0	+	
68	SW-DO-19	Dodoma	Kondoa	Chungwa	Chungwa	Borehole	-4.79756	35.64445	1302	Aug-06	28.1	7.30	87.1	188	0.1	0.8	0.00	0.5	0	0.30	0.1	+	
69	SW-DO-20	Dodoma	Kondoa	Chungwa	Chungwa	Borehole	-3.81429	35.58067	1354	Aug-06	28.0	6.95	233.0	82	0.1	1.0	0.00	0.2	10	0.00	0.0	+	
70	SW-DO-21	Dodoma	Kondoa	Chungwa	Chungwa	Waterhole	-4.79709	35.64980	1308	Aug-06	26.7	7.24	96.2	10	0.1	0.4	0.00	2.0	1	0.50	10.0	+	
71	SW-DO-22	Dodoma	Kondoa	Parkwa	Parkwa	Borehole	-5.35954	35.56205	1095	Aug-06	26.6	7.23	287.0	122	0.1	2.5	0.00	2.0	0	0.05	0.0	+	
72	SW-DO-23	Dodoma	Kondoa	Kikilo	Berbera	Spring	-4.55864	35.66061	1444	Aug-06	24.9	7.49	63.7	97	0.1	1.5	0.00	0.5	0	0.00	0.0	+	
73	SW-DO-24	Dodoma	Kondoa	Kikilo	Berbera	Waterhole	-4.55665	35.67544	1455	Aug-06	24.2	7.17	112.8	73	0.1	1.1	0.00	0.5	0	0.00	0.0	+	
74	SW-DO-25	Dodoma	Kondoa	Kisese	Kisese Diza	Spring	-4.40318	35.82208	1255	Aug-06	24.1	6.70	28.9	37	0.1	0.9	0.00	0.2	0	0.05	0.0	+	
75	SW-DO-26	Dodoma	Kondoa	Kwaselo	Makiranya	Spring	-4.93557	36.07201	1364	Aug-06	23.9	7.65	34.0	51	0.1	0.5	0.00	0.5	0	0.05	0.0	+	
76	SW-DO-27	Dodoma	Kondoa	Kwaselo	Makiranya	Spring	-4.90334	36.14531	1233	Aug-06	23.1	7.05	41.5	68	0.1	0.2	0.00	0.0	20	0.00	0.0	+	
77	SW-DO-28	Dodoma	Kondoa	Kwaselo	Makiranya	Waterhole	-4.92619	36.09803	1315	Aug-06	23.6	7.30	124	53	0.1	0.3	0.00	0.0	0	0.05	0.0	+	
78	SW-DO-29	Dodoma	Kondoa	Kwamoto	Masra	Waterhole	-5.20901	35.40587	1223	Aug-06	18.6	7.19	98.7	58	0.1	1.0	0.00	2.0	45	0.00	0.0	+++	
79	SW-DO-30	Dodoma	Dodoma Rural	Chifu	Chikepe	Waterhole	-6.30626	35.31110	841	Aug-06	23.9	7.55	151.9	52	0.1	0.5	0.00	0.5	1	0.05	1.0	+++	
80	SW-DO-31	Dodoma	Dodoma Rural	Sanzawa	Gungu	Waterhole	-6.34388	35.36450	1127	Aug-06	25.6	7.23	17.7	30	0.1	1.0	0.00	0.2	2	0.30	0.0	+++	
81	SW-DO-4	Dodoma	Dodoma Rural	Chafi	Chafi	Waterhole	-6.22780	35.22211	829	Aug-06	23.8	6.85	34.5	69	0.1	0.6	0.00	2.0	0	0.50	2.0	+++	
82	SW-DO-5	Dodoma	Dodoma Rural	Chikola	Chikola	Dug well	-6.11246	35.39304	872	Aug-06	29.0	7.18	42.5	20	0.1	0.1	0.00	0.5	0	0.00	0.0	+++	
83	SW-DO-6	Dodoma	Dodoma Rural	Chikola	Chikola	Dug well	-6.14226	35.35320	868	Aug-06	29.1	7.08	65.4	22	0.1	0.5	0.00	0.5	45	0.05	0.0	+	
84	SW-DO-7	Dodoma	Dodoma Rural	Lansaji	Lansaji	Waterhole	-5.75685	35.47998	973	Aug-06	21.2	6.42	305.0	157	0.1	0.0	0.00	0.2	45	0.00	0.0	+	
85	SW-DO-8	Dodoma	Dodoma Rural	Lansaji	Lansaji	Spring	-5.72084	35.50051	968	Aug-06	23.5	7.54	285.0	38	0.1	2.5	0.00	0.2	5	0.00	0.0	+++	
86	SW-DO-9	Dodoma	Dodoma Rural	Lansaji	Lansaji	Spring	-5.72019	35.50049	974	Aug-06	23.7	7.57	283.0	10	0.1	2.5	0.00	0.5	5	0.00	0.0	+++	
87	MN-74	Manyara	Sinjariro	Embooret	Loborost	Borehole	-3.87978	36.42972	1568	Aug-06	24.0	7.73	137.9	159	0.1	1.6	0.00	0.2	20	0.05	0.5	0	
88	MN-79	Manyara	Sinjariro	Terat	Terat	Borehole	-3.87707	36.59888	1372	Aug-06	24.0	7.30	117.1	159	0.1	1.5	0.00	0.2	20	0.05	0.5	0	
89	SW-MN-1	Manyara	Babati	Arri	Arri	Waterhole	-4.22921	35.60810	1623	Aug-06	22.6	7.45	14.0	20	0.1	0.2	0.00	1.0	5	0.00	0.0	+	
90	SW-MN-10	Manyara	Babati	Urua	Urua	Spring	-4.18926	35.33929	1956	Aug-06	22.5	7.24	103.2	25	0.1	1.4	0.00	0.2	2	0.00	0.0	++	
91	SW-MN-11	Manyara	Pinning	Blungululu	Blungululu	Spring	-4.79244	35.29886	1412	Aug-06	21.1	6.99	26.3	47	0.1	0.4	0.00	0.5	1	2.00	0.0	+++	
92	SW-MN-12	Manyara	Haung	Balangalulu	Balangalulu	Spring	-4.63821	35.26765	1417	Aug-06	20.9	7.78	172.6	67	0.1	3.0	0.00	0.5	1	0.00	0.0	+++	
93	SW-MN-13	Manyara	Haung	Bassodesh	Bassodesh	Pond	-4.30669	35.11609	1632	Aug-06	20.8	8.33	58.1	67	0.1	0.4	0.00	0.5	0	0.00	0.0	+++	
94	SW-MN-14	Manyara	Haung	Mogatu	Mumbeta	Spring	-4.49235	35.29145	1636	Aug-06	21.0	8.23	24.7	69	0.1	1.7	0.00	0.5	1	0.05	0.0	+++	
95	SW-MN-15	Manyara	Sirop	Mauagarino	Mauagarino	Waterhole	-4.65007	35.60534	1584	Aug-06	21.0	7.58	23.2	50	0.1	0.4	0.00	0.2	2	0.10	0.0	+++	
96	SW-MN-16	Manyara	Kileo	Doongo	Doongo	Spring	-5.94028	36.71114	1612	Aug-06	19.6	8.01	55.3	28	0.1	0.4	0.00	0.2	1	0.00	0.0	+	
97	SW-MN-17	Manyara	Kileo	Egusero	Egusero	Dug well	-5.60280	36.56284	1448	Aug-06	18.0	7.38	256.0	76	0.1	1.2	0.00	0.2	45	0.00	0.0	+	
98	SW-MN-18	Manyara	Kileo	Kilungu	Kilungu	Spring	-5.52974	37.17862	1413	Aug-06	20.6	7.49	25.8	39	0.1	0.5	0.00	1.0	1	0.00	0.0	+++	
99	SW-MN-19	Manyara	Kileo	Lengai	Lengai	Waterhole	-5.52974	37.13563	1378	Aug-06	20.5	8.25	168.9	71	0.1	0.6	0.00	0.2	1	0.00	0.0	+++	
100	SW-MN-20	Manyara	Babati	Dareta	Dareta	Waterhole	-4.62543	35.49716	1662	Aug-06	25.9	6.94	46.0	15	0.1	0.4	0.00	0.5	45	0.00	0.0	+++	
101	SW-MN-21	Manyara	Babati	Makame	Makame	Borehole	-4.62561	36.74015	1029	Aug-06	25.9	7.94	801.0	48	0.1	4.6	0.00	0.2	0	0.00	0.0	+	
102	SW-MN-22	Manyara	Kileo	Makame	Makame	Waterhole	-5.12648	36.74027	1021	Aug-06	25.2	7.45	205.0	75	0.1	3.0	0.00	1.0	5	0.00	0.0	+++	
103	SW-MN-23	Manyara	Kileo	Nileto	Nileto	Waterhole	-5.12648	36.65824	1147	Aug-06	20.9	7.05	140.3	237	0.1	0.6	0.00	0.2	1	0.80	2.0	+++	
104	SW-MN-24	Manyara	Kileo	Parinbo	Parinbo	Borehole	-5.44716	36.52285	1553	Aug-06	25.2	7.41	149.8	86	0.1	0.8	0.00	0.2	1	0.05	0.0	+	
105	SW-MN-25	Manyara	Kileo	Parinbo	Parinbo	Dam	-5.48161	36.55346	1498	Aug-06	18.2	7.78	12.9	78	0.1	0.8	0.00	0.2	0	0.30	0.0	+++	
106	SW-MN-26	Manyara	Kileo	Parinbo	Parinbo	Dug well	-5.43084	36.55457	1494	Aug-06	18.5	7.99	101.7	53	0.1	2.0	0.00	0.2	0	0.00	0.0	+++	
107	SW-MN-27	Manyara	Kileo	Parinbo	Parinbo	Spring	-5.31179	36.62697	1490	Aug-06	19.3	7.77	400.0	120	0.1	1.2	0.00	0.0	0	0.10	1.0	+++	
108	SW-MN-28	Manyara	Kileo	Mbigiri	Mbigiri	Waterhole	-6.63196	36.63196	1300	Aug-06	20.4	6.85	196.1	66	0.1								

Table Results of 2nd Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (mS/m)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Remarks
111	SW-MN-3	Manyara	Babati	Darda	Soleto	Spring	-4.24291	35.49404	1668	Aug-06	22.7	7.85	13.3	1.3	-	1.5	0.01	2	75.0	0.3	0.1	10 <	
112	SW-MN-31	Manyara	Kituo	Sunya	Ogira	Waterhole	-3.85069	37.05193	1181	Aug-06	18.9	6.37	186.3	204	0.1	0.3	0.00	0.2	0	1.00	0.0	+	
113	SW-MN-32	Manyara	Mbulu	Dongobeshi	Ngrat	Spring	-4.14800	35.32648	1840	Aug-06	24.1	7.70	9.6	54	0.1	0.6	0.00	0.2	2	0.05	0.0	++	
114	SW-MN-33	Manyara	Mbulu	Kainam	Kainam	Spring	-3.92007	35.58840	1829	Aug-06	22.3	7.44	9.2	70	0.1	0.2	0.00	0.5	0	0.10	0.0	+++	
115	SW-MN-34	Manyara	Mbulu	Kainam	Kainam	Spring	-3.91235	35.57826	1831	Aug-06	22.1	6.32	16.3	62	0.1	0.3	0.00	0.5	5	0.00	0.0	+++	
116	SW-MN-35	Manyara	Mbulu	Masida	Endanyawish	Spring	-3.78156	35.39659	1482	Aug-06	23.7	7.30	131.0	91	0.1	4.0	0.00	2.0	0	0.30	0.0	+++	
117	SW-MN-36	Manyara	Mbulu	Tumati	Tumati	Spring	-4.03793	35.41915	2096	Aug-06	25.0	7.22	114.4	220	0.1	0.7	0.00	0.2	0	0.10	0.0	+++	
118	SW-MN-37	Manyara	Mbulu	Tumati	Tumati	Spring	-4.03862	35.41971	2997	Aug-06	25.0	7.11	48.30	48.3	0.1	1.0	0.00	0.2	10	0.05	0.0	+	
119	SW-MN-38	Manyara	Mbulu	Yaeda chini	Yaeda chini	Spring	-3.96156	35.15114	1335	Aug-06	24.0	6.73	38.8	100	0.1	0.3	0.00	0.5	0	0.00	0.0	+	
120	SW-MN-39	Manyara	Simanjiro	Emborset	Emborset	Borehole	-3.98562	36.43389	1513	Aug-06	23.6	7.48	115.3	201	0.1	2.0	0.00	0.5	25	0.05	0.5	0	
121	SW-MN-4	Manyara	Babati	Madunga	Qameyu	Spring	-4.18660	35.48017	2189	Aug-06	22.4	6.82	5.3	63	0.1	0.0	0.00	0.5	2	0.00	0.0	++	
122	SW-MN-40	Manyara	Simanjiro	Naberera	Namalu	Borehole	-4.34342	36.94017	1448	Aug-06	24.7	7.14	168.1	161	0.1	0.4	0.00	0.2	10	0.05	0.5	(0)	
123	SW-MN-41	Manyara	Simanjiro	Naberera	Naberera	Borehole	-4.20490	36.92616	1448	Aug-06	22.8	8.54	42.7	155	0.1	1.9	0.00	0.2	1	0.05	0.5	+++	
124	SW-MN-42	Manyara	Simanjiro	Terrat	Sukuro	Dam	-4.04798	36.55716	1447	Aug-06	22.6	8.54	42.7	155	0.1	1.9	0.00	0.2	1	0.05	0.5	+++	
125	SW-MN-43	Manyara	Simanjiro	Terrat	Lowaki	Spring	-3.83868	36.59700	1436	Aug-06	21.7	8.00	101.4	140	0.1	1.8	0.00	0.2	10	0.05	0.5	+++	
126	SW-MN-5	Manyara	Babati	Mogogo	Manifa	Spring	-4.02701	35.76797	1023	Aug-06	25.2	6.73	54.5	462	0.1	0.2	0.00	0.5	2	0.00	0.0	++	
127	SW-MN-6	Manyara	Babati	Mogogo	Manifa	Spring	-4.02859	35.75930	1016	Aug-06	25.2	6.73	54.5	462	0.1	0.2	0.00	0.5	2	0.00	0.0	++	
128	SW-MN-7	Manyara	Babati	Mogogo	Manifa	Spring	-4.02701	35.76797	1023	Aug-06	25.2	6.73	54.5	462	0.1	0.2	0.00	0.5	2	0.00	0.0	++	
129	SW-MN-8	Manyara	Babati	Mogogo	Manifa	Spring	-4.02701	35.76797	1023	Aug-06	25.2	6.73	54.5	462	0.1	0.2	0.00	0.5	2	0.00	0.0	++	
130	SW-MN-9	Manyara	Babati	Mogogo	Manifa	Spring	-4.02701	35.76797	1023	Aug-06	25.2	6.73	54.5	462	0.1	0.2	0.00	0.5	2	0.00	0.0	++	
131	SW-SY-1	Shinyanga	Kabanga	Qash	Teamasi	Spring	-3.82537	35.87291	980	Aug-06	26.5	7.60	110.0	52	0.1	1.8	0.00	0.2	0	0.00	0.0	+	
132	SW-SY-10	Shinyanga	Kabanga	Mwalagulu	Mwalagulu	Dug well	-3.89372	32.81575	1206	Aug-06	27.1	7.50	10.5	125	0.1	2.2	0.00	0.0	2	0.00	0.0	0	
133	SW-SY-12	Shinyanga	Kibaha	Ngorini	Ngorini	Dam	-3.88774	35.78982	1106	Aug-06	24.7	8.90	46.2	198	1	6.4	0.00	2.0	10	0.00	0.0	++	
134	SW-SY-14	Shinyanga	Kibaha	Shaghubu	Shaghubu	River	-3.77024	35.92319	1093	Aug-06	25.2	8.40	16.7	126	0.5	1.5	0.00	0.0	2	0.00	0.0	+	
135	SW-SY-15	Shinyanga	Maswa	Budenda	Mwamashindi	Dam	-3.46608	33.63510	1178	Aug-06	26.4	7.50	48.2	380	0.1	3.8	0.00	2.0	10	0.00	0.0	++	
136	SW-SY-16	Shinyanga	Maswa	Dakama	Sanganwamgesha	River	-3.41479	34.10457	1185	Aug-06	28.1	8.10	39.2	127	0.1	1.6	0.00	0.0	1	0.00	0.0	++	
137	SW-SY-17	Shinyanga	Maswa	Dakama	Sanganwamgesha	River	-3.41799	34.08910	1184	Aug-06	28.2	8.00	38.5	126	0.1	1.4	0.00	0.0	2	0.00	0.0	+	
138	SW-SY-19	Shinyanga	Maswa	Dakama	Mwandere	River	-3.2829	34.00991	1161	Aug-06	27.3	8.20	27.1	109	0.1	2.8	0.00	0.0	2	0.00	0.0	++	
139	SW-SY-20	Shinyanga	Kahama	Mwalagulu	Mwalagulu	River	-3.28443	33.62242	1207	Aug-06	28.1	7.10	31.3	152	0.2	2.3	0.00	0.0	2	0.00	0.0	++	
140	SW-SY-21	Shinyanga	Maswa	Mfuldo	Mfuldo	Dug well	-3.17876	34.04622	1316	Aug-06	26.4	6.00	81.3	150	0.1	0.8	0.00	0.0	10	0.00	0.0	++	
141	SW-SY-21	Shinyanga	Maswa	Mfuldo	Mfuldo	Dug well	-3.17876	34.04622	1316	Aug-06	26.4	6.00	81.3	150	0.1	0.8	0.00	0.0	10	0.00	0.0	++	
142	SW-SY-23	Shinyanga	Maswa	Mfuldo	Mfuldo	Dug well	-3.27635	34.05967	1328	Aug-06	25.8	7.30	9.4	171	0.1	1.2	0.00	0.0	2	0.00	0.0	+	
143	SW-SY-23	Shinyanga	Maswa	Mfuldo	Mfuldo	Dug well	-3.27635	34.05967	1328	Aug-06	25.8	7.30	9.4	171	0.1	1.2	0.00	0.0	2	0.00	0.0	+	
144	SW-SY-26	Shinyanga	Meatu	Bukundi	Bukundi	River	-3.89423	34.52989	1038	Aug-06	25.2	7.70	40.4	123	0.1	2.9	0.00	0.0	1	0.00	0.0	++	
145	SW-SY-27	Shinyanga	Meatu	Bukundi	Bukundi	Shallow well	-3.89938	34.52989	1035	Aug-06	25.6	8.10	55.5	116	0.1	7.9	0.00	0.0	2	0.00	0.0	++	
146	SW-SY-28	Shinyanga	Meatu	Inalisco	Nata	River	-3.67615	34.13628	1111	Aug-06	24.6	7.90	21.7	127	0.1	1.9	0.00	0.0	1	0.00	0.0	++	
147	SW-SY-28	Shinyanga	Meatu	Kimbi	Mwangubu	River	-3.50608	34.49287	1237	Aug-06	24.9	7.90	28.7	128	0.1	1.6	0.00	2.0	10	0.00	0.0	++	
148	SW-SY-30	Shinyanga	Meatu	Kisasa	Kisasa	Dug well	-3.01749	34.12931	1318	Aug-06	25.5	7.50	79.9	134	0.1	6.5	0.00	0.0	2	0.00	0.0	0	
149	SW-SY-31	Shinyanga	Meatu	Mwabuma	Mwabuma	Dug well	-3.01538	34.12942	1321	Aug-06	25.6	8.50	72.4	84	0.1	11.9	0.00	2.0	10	0.00	0.0	++	
150	SW-SY-32	Shinyanga	Meatu	Mwabuma	Mwabuma	Dug well	-3.01798	34.24679	1338	Aug-06	24.4	7.40	111.3	136	0.1	7.5	0.00	0.0	1	0.00	0.0	+	
151	SW-SY-34	Shinyanga	Meatu	Mwabuma	Mwabuma	Dug well	-3.20579	34.12944	1317	Aug-06	25.8	7.90	73.4	133	0.1	7.5	0.00	0.0	2	0.00	0.0	+	
152	SW-SY-35	Shinyanga	Meatu	Mwabuma	Mwabuma	River	-3.72137	34.26694	1071	Aug-06	24.9	7.70	24.5	129	0.1	1.8	0.00	2.0	10	0.00	0.0	++	
153	SW-SY-36	Shinyanga	Meatu	Mwabuma	Mwabuma	River	-3.72138	34.26694	1071	Aug-06	25.1	7.90	21.9	120	0.1	2.8	0.00	0.2	2	0.00	0.0	++	
154	SW-SY-38	Shinyanga	Meatu	Mwabuma	Mwabuma	Dug well	-3.86462	34.28632	1345	Aug-06	21.7	7.60	130.8	116	0.1	3.3	0.00	0.0	2	0.00	0.0	+	
155	SW-SY-38	Shinyanga	Meatu	Mwabuma	Mwabuma	Dug well	-3.86462	34.28632	1345	Aug-06	21.7	7.60	130.8	116	0.1	3.3	0.00	0.0	2	0.00	0.0	+	
156	SW-SY-39	Shinyanga	Meatu	Mwabuma	Mwabuma	River	-3.20097	34.01586	1311	Aug-06	29.1	8.50	65.6	127	0.1	7.3	0.00	0.0	2	0.00	0.0	0	
157	SW-SY-4	Shinyanga	Kitapu	Masuga	Masuga	Dug well	-3.70703	34.45482	1107	Aug-06	24.8	8.10	26.4	136	0.1	3.3	0.00	2.0	10	0.00	0.0	++	
158	SW-SY-40	Shinyanga	Meatu	Nkoma	Mwabuma	Dug well	-3.86523	33.98704	1069	Aug-06	21.5	7.50	100.8	334	0.1	2.8	0.00	0.0	2	0.00	0.0	0	
159	SW-SY-41	Shinyanga	Shinyanga	Dida	Dida	River	-3.62375	34.34672	1138	Aug-06	25.1	8.10	33.2	117	0.1	5.5	0.00	2.0	1	0.00	0.0	++	
160	SW-SY-42	Shinyanga	Shinyanga	Dida	Dida	Dam	-3.87682	35.04444	1168	Aug-06	28.2	6.80	12.5	144	0.1	0.8	0.00	2.0	10	0.00	0.0	+++	
161	SW-SY-43	Shinyanga	Shinyanga	Dida	Dida	Dug well	-3.89617	33.01722	1159	Aug-06	27.5	6.50	10.1	135	0.1	1.6	0.00	0.0	2	0.00	0.0	++	
162	SW-SY-44	Shinyanga	Shinyanga	Inesha	Inesha	Spring	-3.73839	33.13051	1231	Aug-06	24.7	6.60	20.2	153	0.1	1.8	0.00	0.0	2	0.00	0.0	++	
163	SW-SY-45	Shinyanga	Shinyanga	Inesha	Inesha	Dug well	-3.73354	33.13051	1221	Aug-06	26.2	6.70	31.4	121	0.1	14.0	0.00	0.0	10	0.00	0.0	++	
164	SW-SY-46	Shinyanga	Shinyanga	Inesha	Inesha	Pond	-3.73354	33.13051	1214	Aug-06	27.2	6.80	10.8	123	0.1	3.0	0.00	2.0	10	0.00	0.0	++	
165	SW-SY-47	Shinyanga	Shinyanga	Isaka	Isaka	Spring	-3.74656	33.13051	1214	Aug-06	26.1	6.50	13.5	105	0.1	1.8	0.00	2.0	1	0.00	0.0	++	
						Borehole	-3.90719	32.89951	1200	Aug-06	24.5	7.20	21.3	85	0.1	2.7	0.00	0.0	1	0.20	0.0	0	

Table Results of 2nd Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (mS/m)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Remarks	
166	SW-SY-48	Shinyanga	Shinyanga	ketengazi	Mwasinga	Pain water	3.51713	33.18446	1201	Aug-06	26.3	7.10	10.2	163	-	1.5	0.05	-	10.0	0.3	0.1	10 <		
167	SW-SY-49	Shinyanga	Shinyanga	Samye	Mwang'nalanga	Dug well	-3.85243	33.33955	1098	Aug-06	26.7	7.40	70.3	124	0.1	3.2	0.00	0.0	0.0	0.0	0.0	0.0	0	
168	SW-SY-5	Shinyanga	Kishapu	Masinga	Masinga	River	-3.85762	33.58704	1068	Aug-06	23.9	8.10	38.2	68	0.1	1.9	0.00	0.0	2	0.00	0.0	++		
169	SW-SY-50	Shinyanga	Shinyanga	Samye	Mwang'nalanga	Waterhole	-3.84912	33.53277	1103	Aug-06	25.7	5.90	40.1	118	0.1	0.5	0.00	2.0	2	0.00	0.0	++		
170	SW-SY-51	Shinyanga	Shinyanga	Usanda	Shabulaba	Dug well	-3.89106	33.24488	1104	Aug-06	27.1	7.30	70.5	123	0.1	1.8	0.00	0.0	0	0.00	0.0	++		
171	SW-SY-52	Shinyanga	Shinyanga	Usanda	Shabulaba	Waterhole	-3.90106	33.24488	1100	Aug-06	24.9	5.10	51.1	145	0.1	2.0	0.00	1.0	2	0.00	0.0	++		
172	SW-SY-53	Shinyanga	Shinyanga	Usule	Masatiko	Dug well	-3.70238	33.20133	1244	Aug-06	25.6	6.60	20.8	130	0.1	2.2	0.00	0.0	1	0.00	0.0	0		
173	SW-SY-54	Shinyanga	Shinyanga	Usule	Masatiko	Spring	-3.71492	33.19889	1233	Aug-06	26.9	7.10	10.1	140	0.1	3.5	0.00	1.0	2	0.00	0.0	++		
174	SW-SY-6	Shinyanga	Kishapu	Mondo	Mwigumbi	Dug well	-3.42587	33.52328	1173	Aug-06	24.5	7.80	29.9	122	0.1	2.0	0.00	0.0	2	0.00	0.0	+		
175	SW-SY-8	Shinyanga	Kishapu	Mondo	Mwigumbi	River	-3.44606	33.56908	1167	Aug-06	23.4	7.90	33.7	120	0.2	1.5	0.00	2.0	10	0.00	0.0	++		
177	SW-SY-9	Shinyanga	Kishapu	Mwamashele	Isapali	River	-3.72162	33.82993	1089	Aug-06	27.1	2.90	27.5	134	0.1	2.2	0.00	0.0	0	0.00	0.0	+		
178	SW-SY-11/4	Shinyanga	Kishapu	Uchenya	Wela	Dug well	-3.61579	33.69183	1187	Aug-06	25.8	8.20	120.6	320	0.1	4.8	0.09	0.2	1	0.00	0.0	+		
179	SW-SY-12	Shinyanga	Kishapu	Ukenyenge	Mwasale	Borehole	-3.73330	33.69349	1405	Aug-06	22.6	8.40	74.4	117	0.1	5.8	0.09	0.2	2	0.00	0.0	+		
180	SW-SY-14/1	Shinyanga	Maswa	Nungulu	Suyasvu	Borehole	-3.17247	33.74100	1335	Aug-06	24.6	7.30	60.3	164	0.1	10.0	0.00	0.0	10	0.00	0.0	+		
181	SW-SY-17	Shinyanga	Maswa	Laligo	Gala	Borehole	-3.44910	33.98540	1191	Aug-06	27.6	8.60	164.3	80	0.1	24.9	0.00	0.0	2	0.00	0.0	+		
182	SW-SY-20	Shinyanga	Maswa	Malampaka	Malampaka	Borehole	-3.14936	33.51314	1231	Aug-06	25.1	7.50	75.3	186	0.1	7.8	0.00	0.0	2	0.00	0.0	0		
183	SW-SY-22	Shinyanga	Maswa	Nyalkungu	Maawa	Borehole	-3.19018	33.75131	1341	Aug-06	26.7	7.60	65.8	113	0.1	6.5	0.00	0.2	2	0.00	0.0	0		
184	SW-SY-25/2	Shinyanga	Maswa	Nyalkungu	Sola	Borehole	-3.18525	33.72920	1333	Aug-06	24.5	7.10	41.1	87	0.1	3.2	0.00	0.0	1	0.00	0.0	0		
185	SW-SY-26/2	Shinyanga	Maswa	Nyalkungu	Imalasco	Dug well	-3.71013	34.09139	1099	Aug-06	26.3	8.40	19.7	100	0.1	2.1	0.00	0.0	1	0.00	0.0	0		
186	SW-SY-27	Shinyanga	Maswa	Paji	Imalasco	Dug well	-3.37879	34.82470	1621	Aug-06	25.3	7.60	80.9	145	0.1	4.5	0.00	0.0	2	0.00	0.0	0		
187	SW-SY-28	Shinyanga	Maswa	Bulyashi	Mwanashele	Dug well	-3.51161	34.21524	1162	Aug-06	26.2	7.80	66.5	117	0.1	2.8	0.00	0.0	2	0.00	0.0	0		
188	SW-SY-33	Shinyanga	Shinyanga	Drida	Mwanashele	Borehole	-3.81274	33.07753	1201	Aug-06	26.1	7.50	60.3	115	0.1	6.5	0.00	0.0	1	0.00	0.0	0		
189	SW-SY-34	Shinyanga	Shinyanga	Iloa	Iloa	Borehole	-3.72346	33.03797	1188	Aug-06	24.9	5.50	25.7	120	0.1	0.8	0.00	0.0	2	0.00	0.0	0		
190	SW-SY-42	Shinyanga	Shinyanga	Rura	Banza	Borehole	-3.72765	33.26254	1160	Aug-06	24.1	6.90	58.8	89	0.1	1.0	0.00	0.0	1	0.00	0.0	0		
191	SW-SY-47	Shinyanga	Shinyanga	Salawa	Songambale	Borehole	-3.28261	32.88129	1186	Aug-06	26.1	7.20	75.3	105	0.1	2.1	0.00	0.0	2	0.00	0.0	0		
192	SW-SY-48	Shinyanga	Shinyanga	Salawe	Zanzuri	Borehole	-3.61758	33.80331	1119	Aug-06	26.1	8.30	30.8	88	0.5	3.7	0.00	2.0	10	0.00	0.0	++		
193	SW-SY-5	Shinyanga	Kishapu	Mwunze	Mwunze	Borehole	-3.56971	33.41812	1090	Aug-06	24.8	7.50	60.3	95	0.1	4.2	0.00	0.0	1	0.00	0.0	0		
194	SW-SY-57/1	Shinyanga	Shinyanga	Ulanda	Mnyaya	Dug well	-3.69374	33.12041	1132	Aug-06	25.7	7.50	72.5	102	0.1	3.0	0.00	0.2	2	0.00	0.0	+		
195	SW-SY-57/2	Shinyanga	Shinyanga	Chibe	Banza	Borehole	-3.69374	33.12041	1132	Aug-06	25.7	7.50	72.5	102	0.1	3.0	0.00	0.2	2	0.00	0.0	+		
196	SW-SY-61/2	Shinyanga	Shinyanga	Ukandona	Kandona	Borehole	-3.60268	33.28941	1166	Aug-06	24.8	7.70	98.30	88	0.1	7.5	0.00	0.0	1	0.00	0.0	0		
197	SW-SY-63	Shinyanga	Shinyanga	Ukandona	Kandona	Borehole	-3.60268	33.28941	1166	Aug-06	24.8	7.70	98.30	88	0.1	7.5	0.00	0.0	1	0.00	0.0	0		
198	SW-SY-68	Shinyanga	Shinyanga	Mwanafiri	Sesoko	Dug well	-3.57825	33.44113	1137	Aug-06	27.2	7.40	75.3	135	0.1	5.5	0.00	2.0	2	0.00	0.0	0		
199	SW-SY-7	Shinyanga	Kishapu	Mwadamit	Mwadamit	Dug well	-3.74506	33.63267	1223	Aug-06	24.2	8.40	79.9	94	0.1	7.3	0.00	0.2	1	0.00	0.0	0		
200	SW-SY-8/2	Shinyanga	Kishapu	Mwadamit	Mwadamit	Dug well	-3.74506	33.63267	1223	Aug-06	24.2	8.40	79.9	94	0.1	7.3	0.00	0.2	1	0.00	0.0	0		
201	SW-SY-8/1	Shinyanga	Shinyanga	Mjini	Mwanashele	Borehole	-3.66662	33.43330	1118	Aug-06	23.1	7.50	26.8	136	0.1	1.5	0.00	0.0	2	0.00	0.0	0		
202	SG-1	Shinyanga	Iramba	Iramba	Iramba	Borehole	-4.07616	34.66473	1154	Aug-06	24.7	7.80	80.0	95	0.1	4.0	0.00	0.2	10	0.00	0.0	0		
203	SG-10	Shinyanga	Iramba	Iramba	Gumanga	Borehole	-4.22855	34.60534	1439	Aug-06	22.5	7.63	40.0	13	0.1	4.3	0.00	0.0	2	0.00	0.0	0		
204	SG-10/1	Shinyanga	Singida Rural	Rungi	Gumanga	Borehole	-4.22855	34.60534	1439	Aug-06	22.5	7.63	40.0	13	0.1	4.3	0.00	0.0	2	0.00	0.0	0		
205	SG-10/2	Shinyanga	Singida Rural	Rungi	Gumanga	Borehole	-4.22855	34.60534	1439	Aug-06	22.5	7.63	40.0	13	0.1	4.3	0.00	0.0	2	0.00	0.0	0		
206	SG-103	Shinyanga	Singida Rural	Isapali	Matare	Borehole	-5.16141	34.85073	1530	Aug-06	24.3	7.92	15.5	31	0.1	1.5	0.00	0.2	45	0.00	0.0	0		
207	SG-105	Shinyanga	Singida Rural	Isapali	Matare	Borehole	-5.16141	34.85073	1530	Aug-06	24.3	7.92	15.5	31	0.1	1.5	0.00	0.2	45	0.00	0.0	0		
208	SG-107	Shinyanga	Singida Rural	Isapali	Matare	Borehole	-5.16141	34.85073	1530	Aug-06	24.3	7.92	15.5	31	0.1	1.5	0.00	0.2	45	0.00	0.0	0		
209	SG-111	Shinyanga	Singida Rural	Mwamwani	Iyumbu	Borehole	-4.77749	34.77783	1297	Aug-06	26.1	8.40	190.0	484	0.1	2.2	0.00	0.0	1	0.00	0.0	++		
210	SG-116	Shinyanga	Singida Rural	Mwamwani	Iyumbu	Borehole	-4.77749	34.77783	1297	Aug-06	26.1	8.40	190.0	484	0.1	2.2	0.00	0.0	1	0.00	0.0	++		
211	SG-118	Shinyanga	Singida Urban	Utemini	Kindai	Borehole	-4.81487	34.73418	1494	Aug-06	26.4	7.36	168.0	18	0.1	1.5	0.00	0.2	45	0.00	0.0	0		
212	SG-120	Shinyanga	Singida Urban	Utemini	Kindai	Borehole	-4.81487	34.73418	1494	Aug-06	26.4	7.36	168.0	18	0.1	1.5	0.00	0.2	45	0.00	0.0	0		
213	SG-121	Shinyanga	Singida Urban	Utemini	Kindai	Borehole	-4.81487	34.73418	1494	Aug-06	26.4	7.36	168.0	18	0.1	1.5	0.00	0.2	45	0.00	0.0	0		
214	SG-122/2	Shinyanga	Singida Urban	Mwankoko	Mwankoko B	Borehole	-4.85777	34.64606	1483	Aug-06	26.6	6.65	139.6	86	0.1	1.5	0.00	0.0	20	0.00	0.0	0		
215	SG-127	Shinyanga	Singida Urban	Uyimbakombi	Uyimbakombi	Dug well	-4.87143	34.71598	1504	Aug-06	25.0	7.11	66.7	42	0.1	0.8	0.00	0.2	1	0.00	0.0	+		
216	SG-136	Shinyanga	Singida Urban	Miamaa	Miamaa A	Borehole	-4.94133	34.60985	1671	Aug-06	23.0	5.96	6.1	203	0.1	0.2	0.00	0.0	2	0.05	0.0	0		
217	SG-162	Shinyanga	Iramba	Iramba	Iramba	Borehole	-4.34733	34.76472	1406	Aug-06	22.5	6.71	100.0	18	0.1	7.0	0.00	0.0	5	0.00	0.0	0		
218	SG-19	Shinyanga	Iramba	Iramba	Kidafaa	Borehole	-4.21199	34.93339	1659	Aug-06	22.7	7.04	100.0	60	0.1	8.0	0.00	0.0	20	0.00	0.0	0		
219	SG-24/2																							

Table Results of 2nd Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (ms/cm)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Remarks
Tanzania Standard for Drinking Water (Lower Limit)																							
WHO Standard for Drinking Water (Upper Limit)																							
221	SG-37	Singida	Iramba	Kinamunda	Makaga	Borehole	-4.51372	34.51505	1492	Aug-06	26.3	6.64	220.0	33	-	-	0.01	1.5	50.0	0.3	0.5	10 <	
222	SG-44	Singida	Iramba	Shieli	Nadelipwe	Borehole	-4.54409	34.19400	1082	Aug-06	22.8	7.94	80.0	68	0.1	4.2	0.00	0.0	5	0.00	0.0	0	
223	SG-50	Singida	Manyoni	Joduvandole	Kihakaga	Borehole	-5.86962	34.79729	1264	Aug-06	23.0	7.12	50.0	10	0.1	1.0	0.00	0.0	10	0.00	0.0	0	
224	SG-51	Singida	Manyoni	higi	Kirakara	Borehole	-5.64157	34.36422	1302	Aug-06	23.6	6.67	230.0	30	0.1	0.3	0.00	0.0	10	0.00	0.0	0	
225	SG-53	Singida	Manyoni	Makuru	Sarada	Borehole	-5.70673	34.97457	1091	Aug-06	26.3	7.28	70.0	208	0.1	1.6	0.00	1.5	0	2.00	0.0	+	
226	SG-55	Singida	Manyoni	Manyoni	Muhala	Borehole	-5.78289	34.88209	1153	Aug-06	26.1	7.09	60.0	54	0.1	0.4	0.00	0.2	0	0.50	1.0	+	
227	SG-56	Singida	Manyoni	Manyoni	Kalieleni	Borehole	-5.72458	34.84214	1275	Aug-06	26.4	6.54	50.0	135	0.1	0.3	0.00	0.1	2	0.00	0.0	0	
228	SG-61/1	Singida	Manyoni	Chikuyu	Makunipora	Borehole	-5.70709	35.11791	861	Aug-06	29.2	6.76	800.0	48	0.1	0.3	0.00	0.2	20	0.00	0.0	0	
229	SG-77/1	Singida	Singida Rural	Dung'unyi	Dung'unyi	Borehole	-5.07199	34.80365	27.4	Aug-06	79.7	7.97	79.0	30	0.1	1.5	0.00	0.5	0	0.00	0.0	0	
230	SG-78	Singida	Singida Rural	Ibana	Iseke	Borehole	-5.05853	34.68734	1528	Aug-06	24.1	7.10	90.3	76	0.1	0.4	0.00	0.2	5	0.00	0.0	0	
231	SG-84	Singida	Singida Rural	Muhajira	Mangida	Borehole	-4.66383	35.09614	1606	Aug-06	23.3	7.56	160.0	195	0.1	5.2	0.00	0.0	0	0.00	0.0	0	
232	SG-89	Singida	Singida Rural	Mitoko	Kijona	Borehole	-4.50714	34.85753	1571	Aug-06	24.8	7.52	150.0	216	0.1	11.4	0.00	0.4	20	0.00	0.0	0	
233	SG-92	Singida	Singida Rural	Ughandi	Misiriko	Borehole	-4.63561	34.75335	1499	Aug-06	24.5	6.76	250.0	261	0.1	4.8	0.00	0.0	10	0.00	0.0	0	
234	SG-94	Singida	Singida Rural	Mgori	Mgori	Borehole	-4.84831	34.95872	1319	Aug-06	26.6	7.41	85.1	173	0.1	6.7	0.00	0.0	5	0.00	0.0	0	
235	SG-95	Singida	Singida Rural	Mahojoa	Msarage	Borehole	-4.69316	35.02871	1607	Aug-06	23.8	7.37	120.0	205	0.1	6.5	0.00	0.0	0	0.00	0.0	0	
236	SG-97	Singida	Singida Rural	Misugha	Misugha	Borehole	-5.05520	35.02966	1264	Aug-06	25.1	7.37	160.0	378	0.1	6.6	0.00	0.0	0	0.00	0.0	0	
237	SW-SG-10	Singida	Iramba	Mwazega	Endasiku	Waterhole	-5.92687	34.65272	1058	Aug-06	22.3	7.45	100.0	50	0.1	3.8	0.00	5.0	10	0.00	0.0	+	
238	SW-SG-11	Singida	Iramba	Mwazega	Endasiku	Waterhole	-5.92687	34.65272	1058	Aug-06	22.3	7.45	100.0	50	0.1	3.8	0.00	5.0	10	0.00	0.0	+	
239	SW-SG-12	Singida	Iramba	Mwazega	Songambele	Waterhole	-5.93941	34.68678	1066	Aug-06	26.1	7.31	180.0	69	0.1	9.2	0.00	0.5	45	0.00	0.0	0	
240	SW-SG-14	Singida	Iramba	Nidago	Nidago	Waterhole	-4.63100	34.35534	1397	Aug-06	24.3	7.25	600.0	109	0.1	5.4	0.00	0.0	2	0.00	0.0	0	
241	SW-SG-15	Singida	Iramba	Nwika	Zinziligi	Waterhole	-4.5167	34.34379	1400	Aug-06	25.6	7.21	170.0	59	0.1	5.1	0.00	0.0	45	0.00	0.0	0	
242	SW-SG-16	Singida	Iramba	Nwika	Migela	River	-4.18958	34.23936	1064	Aug-06	23.3	7.08	30.0	56	0.1	2.5	0.00	0.0	0	0.00	0.0	0	
243	SW-SG-17	Singida	Iramba	Tulya	Migela	Waterhole	-4.17750	34.23581	1053	Aug-06	22.2	8.19	70.0	67	0.1	6.4	0.00	0.0	0	0.00	0.0	+	
244	SW-SG-18	Singida	Iramba	Tulya	Doromoni	River	-4.09053	34.33016	1046	Aug-06	27.0	7.76	40.0	35	0.1	2.2	0.00	0.0	0	0.00	0.0	0	
245	SW-SG-20	Singida	Iramba	Igunno	Lukoto	Waterhole	-4.06986	34.37126	1046	Aug-06	26.9	7.62	50.0	40	0.1	5.1	0.00	0.5	0	0.00	0.0	0	
246	SW-SG-21	Singida	Iramba	Uteno	Mikulu'A	Dam	-4.40509	34.38506	1432	Aug-06	27.0	5.06	10.0	217	0.1	2.6	0.00	0.2	2	0.00	0.0	0	
247	SW-SG-24	Singida	Manyoni	Chikuyu	Mwiboa	Borehole	-5.84571	35.06608	859	Aug-06	25.2	8.02	110.0	142	0.1	1.1	0.00	0.0	2	0.00	0.0	0	
248	SW-SG-26	Singida	Manyoni	Majiri	Majiri	Dam	-6.06658	35.01544	828	Aug-06	25.0	8.93	30.0	79	0.1	1.4	0.00	0.3	0	0.40	0.0	0	
249	SW-SG-27	Singida	Manyoni	Makuru	Hika	Spring	-5.60875	34.98660	1173	Aug-06	29.0	9.20	50.0	30	0.1	4.9	0.00	0.2	0	0.00	0.0	0	
250	SW-SG-28	Singida	Manyoni	Mwanzil	Kalanga	Borehole	-5.73523	34.84486	1278	Aug-06	24.9	6.56	57.0	156	0.1	0.3	0.00	0.0	2	0.00	0.0	0	
251	SW-SG-29	Singida	Manyoni	Nkomo	Kalanga	Shallow well	-6.08240	33.95863	1512	Aug-06	23.7	6.25	50.0	100	0.1	0.1	0.00	0.0	1	0.00	0.0	0	
252	SW-SG-31	Singida	Iramba	Kasaya	Mwandiugembe	Pond	-4.77547	35.07110	1120	Aug-06	23.7	9.63	20.0	70	0.1	0.4	0.00	0.0	10	0.10	0.0	0	
253	SW-SG-32	Singida	Manyoni	Sanza	Nlope-Azimio-Bakulu	Waterhole	-6.36265	35.20190	881	Aug-06	26.8	7.53	130.0	50	0.1	0.5	0.00	0.5	0	0.30	0.0	++	
254	SW-SG-33	Singida	Singida	Muhitiri	Kinyuambee	Spring	-5.29718	34.52525	1294	Aug-06	27.3	7.95	90.1	164	0.1	1.5	0.00	0.2	1	0.00	0.0	+	
255	SW-SG-34	Singida	Singida	Muhitiri	Kinyuambee	Spring	-5.19921	34.56751	1453	Aug-06	23.3	7.86	37.7	15	0.1	1.5	0.00	0.0	2	0.05	0.0	+	
256	SW-SG-37	Singida	Singida	Ngandu	Lamba	Waterhole	-4.83314	35.07791	1419	Aug-06	23.8	6.40	100.0	166	0.1	0.8	0.00	1.6	0	0.50	0.0	0	
257	SW-SG-38	Singida	Singida	Ibana	Unyange	Dug well	-5.01934	34.70456	1552	Aug-06	23.2	6.39	12.4	96	0.1	0.8	0.00	0.2	1	0.00	0.0	+	
258	SW-SG-39	Singida	Singida Rural	Ibana	Mwandiugembe	Waterhole	-4.76997	34.41099	1344	Aug-06	28.3	6.70	150.0	407	0.1	0.4	0.00	0.0	10	0.10	0.0	0	
259	SW-SG-40	Singida	Singida Rural	Ibana	Unyange	Spring	-5.01887	34.70347	1546	Aug-06	23.4	7.09	18.9	89	0.1	6.4	0.00	0.2	5	0.05	0.0	+	
260	SW-SG-42	Singida	Singida Rural	Ibana	Issua	Dam	-5.38992	34.75625	1431	Aug-06	23.2	8.95	15.0	151	0.1	0.8	0.00	0.4	10	0.00	0.5	++	
261	SW-SG-43	Singida	Singida Rural	Ibana	Issua	Waterhole	-5.54977	34.66118	1379	Aug-06	24.4	6.28	27.1	253	0.1	0.8	0.00	0.2	5	0.05	0.0	+	
262	SW-SG-44	Singida	Singida Rural	Issua	Choda	Waterhole	-5.51774	34.76469	1395	Aug-06	22.1	4.44	75.9	332	0.1	0.4	0.00	0.5	45	0.05	0.0	+	
263	SW-SG-45	Singida	Singida Rural	Issua	Issua	Waterhole	-5.40462	34.75831	1447	Aug-06	24.2	7.20	26.0	205	0.1	0.4	0.00	0.2	10	0.00	0.0	+	
264	SW-SG-46	Singida	Singida Rural	Issua	Kinyero	Waterhole	-5.26781	34.95785	1388	Aug-06	23.1	6.42	300	198	0.1	1.5	0	0.4	20	0.3	0	0	
265	SW-SG-47	Singida	Singida Rural	Mgaogoni	Tupandene	Waterhole	-4.89992	34.03076	1049	Aug-06	29.6	6.48	82.1	131	0.1	0.4	0	0.2	10	0	0	++	
266	SW-SG-48	Singida	Singida Rural	Mgaogoni	Ufana	Waterhole	-4.89992	34.03076	1049	Aug-06	29.6	6.48	82.1	131	0.1	0.4	0	0.2	10	0	0	++	
267	SW-SG-49	Singida	Singida Rural	Iramba	Ndurumo	River	-4.04205	34.49745	1074	Aug-06	27.1	7.96	90	5	0.1	4.3	0	0	6.5	0	0	0	
268	SW-SG-50	Singida	Singida Rural	Iramba	Minyughe	Waterhole	-4.97716	34.53413	1316	Aug-06	26.4	7.74	194.3	21	0.1	0.8	0	0.2	10	0	0	++	
269	SW-SG-51	Singida	Singida Rural	Iramba	Misake	Waterhole	-4.97716	34.53413	1316	Aug-06	26.4	7.74	194.3	21	0.1	0.8	0	0.2	10	0	0	++	
270	SW-SG-52	Singida	Singida Rural	Iramba	Misake	Waterhole	-4.97716	34.53413	1316	Aug-06	26.4	7.74	194.3	21	0.1	0.8	0	0.2	10	0	0	++	
271	SW-SG-53	Singida	Singida Rural	Iramba	Munare	Waterhole	-5.00555	35.0006	1284	Aug-06	25.2	6.41	200	253	0.1	0.9	0	0	2	0.05	0.0	+	
272	SW-SG-53	Singida	Singida Rural	Iramba	Misugha	Dug well	-4.9929	34.99416	1288	Aug-06	25	7.21	100	202	0.1	2	0	0	1	0.05	0.0	+	
273	SW-SG-54	Singida	Singida Rural	Muhitiri	Mpetu	Spring	-5.15985	34.66183	1465	Aug-06	25.1	6.68	17.2	76									

Table Results of 2nd Simplified Water Quality Test

No.	SWQ No	Region	District	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Temperature (°C)	pH	EC (mS/m)	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mh (mg/L)	Coliform	Remarks
Tanzania Standard for Drinking Water (Lower Limit)																							
WHO Guide Line																							
276	SW-SG-57	Singida	Singida Rural	Nuuru	Nuuru	Waterhole	5.13424	34.99797	1511	Aug-06	23.7	5.85	200	112	0.1	0.3	0.05	1.5	50.0	0.3	10 <		
277	SW-SG-58	Singida	Singida Rural	Puna	Ulaho	Spring	-4.95402	34.74345	1599	Aug-06	23.6	5.64	39.4	45	0.1	0.4	0	0.2	45	0	0	10 <	
278	SW-SG-60	Singida	Iramba	Kidaru	Kidaru	River	-4.12702	34.49234	1110	Aug-06	27.3	7.43	30	45	0.1	3.1	0	1	0	0	0	+	
279	SW-SG-7	Singida	Singida Rural	Puna	Ulaho	Waterhole	-4.96478	34.76476	1610	Aug-06	23.1	7.2	11.9	33	0.1	0.4	0	0.2	10	0.05	0	+	
280	SW-SG-8	Singida	Iramba	Kidaru	Kidaru	Waterhole	-4.10838	34.49119	1112	Aug-06	27	7.74	110	25	0.1	4.5	0	0	0	0	0	0	0
281	SW-SG-9	Singida	Iramba	Kisiri	Kinaliya	River	-4.21116	34.40986	1571	Aug-06	27.4	8.06	60	44	0.1	4.6	0	0	0	0	0	0	0
282	SW-SG-9	Singida	Iramba	Kisiri	Kinaliya	Spring	-4.22305	34.42262	1611	Aug-06	28	7	47	47	0.1	2.4	0	0.2	0	2	0	0	0
283	SW-TB-1	Tabora	Igunja	Bukoko	Ipunbuliya	Dam	-4.36484	33.80926	1136	Aug-06	22.7	8.7	98.9	111	0.1	0.8	0	0.2	2	0.05	0	+	
284	SW-TB-10	Tabora	Igunja	Kinungu	Mwamapali	River	-3.9751	33.54431	1100	Aug-06	24.5	8.12	56.9	97	0.1	1.5	0	0.2	0	0	0	+	
285	SW-TB-11	Tabora	Igunja	Mwamashiga	Mwamashiga	River	-4.14827	33.74408	1106	Aug-06	29.3	28.9	76.3	90	0.1	0.8	0	0.5	2	0.05	0	+	
286	SW-TB-12	Tabora	Igunja	Mwamashiniba	Instangatu	Borehole	-4.11759	33.80045	1125	Aug-06	25.6	9.24	179.6	36	0.1	3	0	0.2	2	0	0	+++	
287	SW-TB-14	Tabora	Igunja	Simbo	Mpogoto	River	-4.60368	33.56497	1200	Aug-06	27.8	7.41	16.8	197	0.1	0.4	0	0.2	0	0	0	+	
288	SW-TB-15	Tabora	Nzega	Igunja	Wela	Waterhole	-3.94985	32.84316	1207	Aug-06	25.5	6.97	9.1	207	0.1	0.4	0	0.02	0	0	0	+	
289	SW-TB-16	Tabora	Nzega	Igunja	Ikinda	Shallow well	-4.12347	32.89994	1175	Aug-06	27.6	6.89	27.6	233	0.1	0.4	0	0.2	1	0.05	0	+	
290	SW-TB-18	Tabora	Nzega	Igunja	Itoho	Waterhole	-4.13122	33.03959	1182	Aug-06	2.2	9.49	10.7	53	0.1	0.4	0	0.5	0	0	0	+	
291	SW-TB-19	Tabora	Nzega	Igunja	Mizibanza	Shallow well	-4.53483	33.27027	1254	Aug-06	23.9	5.92	8.8	184	0.1	0.4	0	0.2	1	0.1	0	+	
292	SW-TB-2	Tabora	Igunja	Choma	Bulangamliwa	Dam	-4.12058	33.3766	1154	Aug-06	23.8	8.49	16.2	120	0.1	0.4	0	0.2	1	0.05	0	+	
293	SW-TB-20	Tabora	Nzega	Muhugi	Urina	Waterhole	-4.29901	33.28019	1224	Aug-06	23.2	5.75	17.9	194	0.1	0.4	0	0.2	5	0.05	0	+	
294	SW-TB-21	Tabora	Nzega	Ndala	Wira	Waterhole	-4.76006	33.2996	1237	Aug-06	20.8	6.8	33.9	118	0.1	0	0	0.2	45	0	0	+++	
295	SW-TB-22	Tabora	Shongwe	Kilolei	Makola	Waterhole	-5.90613	32.92314	1976	Aug-06	26.1	5.76	7.4	165	0.1	0.4	0	0.2	2	0.1	0	+	
296	SW-TB-23	Tabora	Uyui	Gowako	Gowako	Shallow well	-5.32448	33.15119	1269	Aug-06	25.1	4.46	21.9	337	0.1	0.4	0	0.2	5	0	0	++	
297	SW-TB-24	Tabora	Uyui	Kizengi	Tura	Shallow well	-5.49318	33.81902	1277	Aug-06	24.2	5.38	65.4	277	0.1	0.4	0	0.2	45	0	0	++	
298	SW-TB-25	Tabora	Uyui	Kizengi	Malongwe	Shallow well	-5.44092	33.64339	1187	Aug-06	25.8	6.13	11.3	317	0.1	0	0	0.2	1	0.05	0	+	
299	SW-TB-26	Tabora	Uyui	Kizengi	Kizengi	Waterhole	-5.54188	33.57997	1173	Aug-06	26.5	5.91	11.7	481	0.1	0	0	0.2	0	0	0	+	
300	SW-TB-3	Tabora	Igunja	Choma	Bulangamliwa	River	-4.11374	33.37129	1145	Aug-06	26.5	7.83	36.7	168	0.1	0.4	0	0.2	0	0	0	++	
301	SW-TB-4	Tabora	Igunja	Gowako	Gowako	River	-4.72271	33.60557	1192	Aug-06	27.5	6.38	33.2	214	0.1	0.8	0	0.2	10	0.1	0	++	
302	SW-TB-7	Tabora	Igunja	Mwanzugi	Mwanzugi	Spring	-4.35772	33.68941	1077	Aug-06	24.2	6.43	33.8	140	0.1	0.8	0	0.2	2	0.5	0	++	
303	SW-TB-9	Tabora	Igunja	Kinungu	Mwamapali	Dam	-3.98729	33.51785	1130	Aug-06	22.2	9.82	22.2	82	0.1	1.5	0	0.2	0	0	0	+	
304	TB-1/1	Tabora	Igunja	Igunja	Igunja	Dug well	-4.2793	33.87764	1074	Aug-06	24.2	8.3	138.3	92	0.1	3	0	0.2	2	0	0	0	+
305	TB-1/9	Tabora	Igunja	Choma	Choma	Borehole	-4.02353	33.44841	1109	Aug-06	24.3	7.76	70	68	0.1	0.8	0	1	1	0.1	0	+	
306	TB-2/2	Tabora	Igunja	Inoduru	Inoduru	Dam	-4.13717	33.6493	1166	Aug-06	27.1	8.31	28	201	0.1	0.4	0	0.5	0	0.05	0	+	
307	TB-2/3	Tabora	Igunja	Ndembezi	Moyolote	Borehole	-4.33269	33.53715	1194	Aug-06	28.6	7.71	151.5	96	0.1	0.8	0	1	5	0.05	1	++	
308	TB-2/5	Tabora	Igunja	Nkingi	Nkingi	Borehole	-4.41107	33.43159	1270	Aug-06	27.7	7.29	96.5	233	0.1	3	0	0.2	2	0	0	+	
309	TB-2/8	Tabora	Igunja	Ziba	Ziba	Borehole	-4.23764	33.40614	1253	Aug-06	26.1	7.34	20.4	191	0.1	0.8	0	0.2	2	0.5	0	++	
310	TB-3/0	Tabora	Nzega	Igunja	Nzega	Borehole	-3.95531	32.86789	1211	Aug-06	26.5	6.5	6.8	187	0.1	0.4	0	0.2	1	0	0	0	
311	TB-3/1	Tabora	Nzega	Igunja	Igunja	Borehole	-4.18496	33.17885	1205	Aug-06	28.1	7.74	120.7	119	0.1	0.8	0	0.2	2	0	0	+	
312	TB-3/2	Tabora	Nzega	Mwangye	Ilagaja	Dug well	-4.01255	33.09543	1126	Aug-06	30.1	7.54	27.4	114	0.1	0.8	0	0.2	0	0	0	0	
313	TB-3/7	Tabora	Nzega	Nara	Kando	Borehole	-3.96359	33.14198	1093	Aug-06	30.1	7.23	124	250	0.1	0.8	0	0.2	2	0	0	0	
314	TB-3/8/1	Tabora	Nzega	Nara	Kabale	Borehole	-3.98231	33.15013	1104	Aug-06	29.4	7.24	107.9	150	0.1	1.5	0	0.2	10	0	0	0	
315	TB-4	Tabora	Igunja	Igunja	Igunja	Dug well	-4.56	33.82364	1090	Aug-06	24.5	6.65	24.7	55	0.1	0.4	0	0.2	0	0	0	+	
316	TB-4/2	Tabora	Uyui	Loya	Loya	Borehole	-5.17561	33.72005	1157	Aug-06	26	7.24	202	217	0.1	3	0	0.2	20	0.05	0	0	
317	TB-4/3	Tabora	Uyui	Gowako	Kinungu	Borehole	-5.35622	33.18469	1203	Aug-06	23.1	5.53	8.5	267	0.1	0.8	0	0.2	5	0.1	0	+	

Data B-2
Laboratory Analysis

Table Water Quality Analysis for Existing Water Resources

No.	SWQ.No	Region	District	Division	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Bacteria CFU/100ml	Escherichia coli CFU/100ml	Lead (mg/L)	As (mg/L)	Se (mg/L)	Cr (mg/L)	CN (mg/L)	Sb (mg/L)	Cd (mg/L)	Ba (mg/L)	T-Hg (mg/L)	F (mg/L)	NO3 (mg/NO3-L)	NO2 (mg/NO2-L)	NH4 (mg/NH4-L)	Color (TCU)	Turbidity (NTU)
1	SW-AR-1	Arusha	Arusha	Arusha	Kingori	Mwabisi	Dugwell	-3.37019	37.01785	940	Aug-06	1-3	0	0.1	0.05	0.05	0.2	-	-	0.05	-	0.001	1.5	10	-	2	1.5	5
2	SW-AR-2	Arusha	Arusha	Arusha	Mtanga	Mtanga	Spring	-3.43134	36.78713	1156	Aug-06	6	0	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	0.005	-	0.001	4	75	3	8.5	50	25
3	SW-AR-3	Arusha	Arusha	Arusha	Nyengeru	Olwai gwaio	River	-3.17905	36.86033	1457	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	2.90	21.2	0.174	0.056	15	5
4	SW-AR-4	Arusha	Arusha	Arusha	Mahuluthi	Ohenyu-sambu	Spring	-3.18698	36.67127	1899	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	1.90	0.16	1.08	<0.001	0	0.43
5	SW-AR-5	Arusha	Arusha	Arusha	Mkhat	Rahyva	Borehole	-3.50854	36.53199	1516	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	2.60	3.52	0.478	<0.001	0	0.43
6	SW-AR-6	Arusha	Arusha	Arusha	Eyasi	Johji	Borehole	-3.54876	35.33981	1066	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	3.00	9.68	0.072	0.004	0	0.09
7	SW-AR-7	Arusha	Arusha	Arusha	Erasani	Eruamara	River	-3.42928	35.64759	1383	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	3.80	7.64	0.095	<0.001	0	0.41
8	SW-AR-8	Arusha	Arusha	Arusha	Karatu	Karatu	Spring	-3.33396	35.87717	1530	Aug-06	11	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	3.50	5.28	0.108	22	12.19
9	SW-AR-9	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
10	SW-AR-10	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
11	SW-AR-11	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
12	SW-AR-12	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
13	SW-AR-13	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
14	SW-AR-14	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
15	SW-AR-15	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
16	SW-AR-16	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
17	SW-AR-17	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
18	SW-AR-18	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
19	SW-AR-19	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
20	SW-AR-20	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
21	SW-AR-21	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
22	SW-AR-22	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
23	SW-AR-23	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
24	SW-AR-24	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
25	SW-AR-25	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
26	SW-AR-26	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
27	SW-AR-27	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
28	SW-AR-28	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
29	SW-AR-29	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
30	SW-AR-30	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
31	SW-AR-31	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
32	SW-AR-32	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
33	SW-AR-33	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
34	SW-AR-34	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
35	SW-AR-35	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
36	SW-AR-36	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
37	SW-AR-37	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
38	SW-AR-38	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
39	SW-AR-39	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	1.50	1.53	0.071	<0.001	0	3.80
40	SW-AR-40	Arusha	Arusha	Arusha	Ngarambe	Mitawa	Spring	-2.52465	35.64716	1695	Aug-06	0	0	<0.01	<0.													

Table Water Quality Analysis for Existing Water Resources

No.	SWQ_No	Region	District	Division	Ward	Village	Source Type	Longitude	Latitude	Altitude	Sampling Date	Bacteria CFU/100ml	Escherichia Coli CFU/100ml	Lead (mg/l)	As (mg/L)	Ss (mg/l)	Cr (mg/L)	Cu (mg/L)	Zn (mg/L)	Fe (mg/L)	NO3 (mg-NO3-/L)	NO2 (mg-NO2-/L)	NH4 (mg-NH4-/L)	CaHr (TCD)	Turbidity (NTU)
61	MN-43	Manyara	Kicoto	Ndoto	Ndoto	Ndoto	Borehole	36.79332	1033	1033	Aug-06	1.3	0	0.1	0.05	0.2	0.05	0.05	1	1.5	10	2	2	1.5	5
62	MN-40	Manyara	Kicoto	Swaha	Swaha	Swaha	Shallow well	37.09909	1110	1110	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3.800	14.96	0.79	0.65	7	0.36
63	SW-MN-20	Manyara	Mnyoni	Kilimanjaro	Makome	Makome	Borehole	36.74015	1029	1029	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.400	3.02	0.05	<0.01	0	0.04
64	MN-52	Manyara	Mbula	Dongobech	Heddom	Heddom	Borehole	35.92169	1752	1752	Aug-06	17	24	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	6.16	0.079	0.106	0	0.02
65	MN-59	Manyara	Mbula	Dongobech	Mshungu	Mshungu	Borehole	35.17182	1754	1754	Aug-06	19	3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	8.80	0.108	0.222	0	0.02
66	MN-61	Manyara	Mbula	Dongobech	Mwamba	Mwamba	Borehole	35.18383	1683	1683	Aug-06	8	3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	24.64	0.095	0.031	7	0.06
67	MN-63	Manyara	Mbula	Dongobech	Saru	Saru	Borehole	35.21914	1780	1780	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	14.96	0.095	0.031	0	0.35
68	MN-63	Manyara	Mbula	Dongobech	Yaya Chini	Yaya Chini	Borehole	35.23696	1772	1772	Aug-06	8	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	16.72	1.082	<0.01	0	0.85
69	SW-MN-39	Manyara	Simungu	Emberet	Emberet	Emberet	Borehole	36.43339	1513	1513	Aug-06	20	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	15.84	0.066	0.101	0	0.02
70	MN-75	Manyara	Simungu	Emberet	Emberet	Emberet	Borehole	36.47972	1508	1508	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	34.32	0.233	0.178	0	0.19
71	SW-MN-41	Manyara	Simungu	Emberet	Emberet	Emberet	Borehole	36.93616	1448	1448	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	9.24	0.089	0.055	0	0.02
72	MN-79	Manyara	Simungu	Tera	Tera	Tera	Borehole	36.99888	1372	1372	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	14.08	0.089	0.004	0	0.03
73	SW-SY-4	Shinyanga	Kishapu	Nkololezi	Misungu	Misungu	Dugwell	33.98704	1069	1069	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.800	1.76	0.072	<0.01	0	<0.01
74	SY-8/2	Shinyanga	Kishapu	Mochu	Mochu	Mochu	Borehole	33.63267	1223	1223	Aug-06	58	43	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
75	SY-12	Shinyanga	Kishapu	Ngezzi	Mwamashole	Mwamashole	Borehole	33.45092	1094	1094	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
76	SY-12	Shinyanga	Kishapu	Ngezzi	Mwamashole	Mwamashole	Borehole	33.45092	1094	1094	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
77	SY-17	Shinyanga	Mawa	Nyanga	Mwajela	Mwajela	Borehole	33.69249	1105	1105	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
78	SW-SY-26	Shinyanga	Matuu	Nyanga	Bakundi	Bakundi	Borehole	33.48540	1191	1191	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
79	SY-28	Shinyanga	Matuu	Kimani	Bugashi	Bugashi	Borehole	34.25417	1035	1035	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
80	SY-26/2	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.21424	1162	1162	Aug-06	4	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
81	SW-SY-37	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.20149	1099	1099	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
82	SW-SY-37	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.22844	1317	1317	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
83	SW-SY-39	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.23973	1911	1911	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
84	SY-27	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.23973	1107	1107	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
85	SY-33	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.23973	1621	1621	Aug-06	8	3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
86	SY-33	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.23973	1201	1201	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
87	SY-42	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	33.63267	1168	1168	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
88	SY-81	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.33300	1181	1181	Aug-06	39	25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
89	SY-81	Shinyanga	Matuu	Nyanga	Mwamashole	Mwamashole	Borehole	34.33300	1181	1181	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
90	SG-10	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
91	SG-1	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.31812	1094	1094	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
92	SG-16	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
93	SG-37	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
94	SG-6(2)	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
95	SG-44	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
96	SG-34	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
97	SG-41	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
98	SG-51	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
99	SG-31	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
100	SG-SW-24	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
101	SG-53	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
102	SW-SG-26	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
103	SG-55	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
104	SG-56	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
105	SG-77	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole	34.30624	1186	1186	Aug-06	0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.4	0.75	0.295	0.056	0	0.18
106	SG-78	Singida	Famba	Nyanga	Mwamashole	Mwamashole	Borehole																		

Table Water Quality Analysis for Existing Water Resources

No.	SWQ No	Region	District	Ward	Village	Source/Type	Altitude	Sampling Date	pH	Total Filtrable Residue (mg/l)	Ca (mg/L)	Mg (mg/L)	Na (mg/L)	K (mg/L)	Bicarbonate (mg/l)	SO4 (mgSO4/L)	Cl (mg/L)	Fe (mg/L)	Mn (mg/L)	Cu (mg/L)	Zn (mg/L)	BOD (mg/L)	KMnO4 (mg/L)	Boron (mg/L)	Mo (mg/L)	Ni (mg/L)	EC (ms/m)	ORP (mV)
61	MN-43	Manyara	Kiemo	Ndebo	Ndebo	Borehole	1053	8.5-9.2	500	500	500	200	200	200	400	250	0.3	0.1	1	5	6	10	-	-	-	-	-	
62	MN-461	Manyara	Kiemo	Sunya	Sunya	Shallow-well	1110	6.45	687	509	509	492	492	492	442	250	0.3	0.1	1	5	7	61	-	-	-	-	58.7	230.40
63	SW-MN-21	Manyara	Mananyi	Makame	Makame	Borehole	1029	6.35	511	71.27	68.10	186.46	2.49	42.4	42.4	408	408	0.01	0.16	0.34	0	0	0	0.11	0.01	0.01	59.3	246.50
64	MN-52	Manyara	Mbulu	Hoydom	Makame	Borehole	1752	6.55	780	87.02	63.15	1005.28	35.49	485	1015.6	1767	408	0.04	0.01	0.01	0.33	10	31	0.79	0.01	0.01	801.0	236.00
65	MN-59	Manyara	Mbulu	Mgghang	Mbulu	Borehole	1874	7.68	840	254	17.73	27.19	55.92	5.36	326	45	45	0.11	0.05	0.01	0.05	0	0	0.02	0.01	0.01	78.3	191.70
66	MN-63	Manyara	Mbulu	Mareoto	Mbulu	Borehole	1683	8.44	306	10.1	5.90	10.74	70.69	3.34	307	0.1	0.3	0.65	0.07	0.01	0.01	0	0	0.06	0.01	0.01	58.8	291.00
67	MN-71	Manyara	Mbulu	Saru	Saru	Borehole	1780	8.39	498	29.60	52.55	214.88	3.30	350	43.1	358	0.15	0.05	0.01	0.06	0	0	0.09	0.01	0.01	158.7	280.80	
68	MN 67	Manyara	Mbulu	Yasua Chini	Mbulu	Borehole	1372	8.29	480	18.67	21.21	39.74	7.72	298	45	45	0.16	0.05	0.01	0.05	0	0	0.01	0.01	0.01	75.2	286.60	
69	SW-MN-39	Manyara	Simanjiro	Emboroti	Emboroti	Borehole	1513	6.50	395	18.46	38.98	176.85	5.39	584	66.3	188	0.15	0.05	0.01	0.05	0	0	0.03	0.01	0.01	81.8	268.60	
70	MN-74	Manyara	Simanjiro	Emboroti	Emboroti	Borehole	1513	6.50	395	18.46	38.98	176.85	5.39	584	66.3	188	0.15	0.05	0.01	0.05	0	0	0.03	0.01	0.01	81.8	268.60	
71	SW-MN-41	Manyara	Simanjiro	Naberera	Naberera	Borehole	1448	6.55	532	70.05	71.61	41.39	37.32	307	45.1	289	0.02	0.02	0.01	0.01	0	0	0.06	0.01	0.01	157.9	175.8	
72	SW-SY-4	Shinyanga	Kishony	Matanga	Matanga	Dugwell	1059	6.61	1240	36	59.08	1.54	301.51	2.56	602	17.3	55	0.42	0.02	0.01	0.01	0	0	0.24	0.01	0.01	117.1	225.60
73	SW-SY-4	Shinyanga	Kishony	Matanga	Matanga	Dugwell	1059	6.61	1240	36	59.08	1.54	301.51	2.56	602	17.3	55	0.42	0.02	0.01	0.01	0	0	0.24	0.01	0.01	117.1	225.60
74	SW-SY-4	Shinyanga	Kishony	Matanga	Matanga	Dugwell	1059	6.61	1240	36	59.08	1.54	301.51	2.56	602	17.3	55	0.42	0.02	0.01	0.01	0	0	0.24	0.01	0.01	117.1	225.60
75	SY-8/2	Shinyanga	Kishony	Mwamanga	Mwamanga	Borehole	1094	6.61	1010	44	2.36	1.49	206.94	0.29	700	25.9	88	0.16	0.05	0.01	0.02	0	0	0.09	0.01	0.01	100.8	197.30
76	SY-12	Shinyanga	Kishony	Mwamanga	Mwamanga	Borehole	1094	6.61	1010	44	2.36	1.49	206.94	0.29	700	25.9	88	0.16	0.05	0.01	0.02	0	0	0.09	0.01	0.01	100.8	197.30
77	SY-17	Shinyanga	Mawa	Lalaga	Gula	Borehole	1191	8.31	794	84	27.33	1.73	281.38	8.84	673	41.6	118	0.24	1.01	0.01	0.01	0	0	0.09	0.01	0.01	79.9	340.70
78	SW-SY-26	Shinyanga	Meatu	Bukundi	Bukundi	Shallow well	1035	8.70	1868	11	1.86	0.30	556.24	0.63	1296	48.1	219	0.08	0.01	0.01	0.01	0	0	0.01	0.01	0.01	26.8	232.80
79	SY-26/2	Shinyanga	Meatu	Bukundi	Bukundi	Shallow well	1035	8.70	1868	11	1.86	0.30	556.24	0.63	1296	48.1	219	0.08	0.01	0.01	0.01	0	0	0.01	0.01	0.01	26.8	232.80
80	SY-26/2	Shinyanga	Meatu	Bukundi	Bukundi	Shallow well	1035	8.70	1868	11	1.86	0.30	556.24	0.63	1296	48.1	219	0.08	0.01	0.01	0.01	0	0	0.01	0.01	0.01	26.8	232.80
81	SW-SY-37	Shinyanga	Meatu	Imataseko	Imataseko	Borehole	1099	8.24	220	78	28.17	3.27	38.09	3.70	184	45.1	58	0.55	0.07	0.01	0.07	0	0	0.29	0.01	0.01	55.5	214.30
82	SW-SY-37	Shinyanga	Meatu	Imataseko	Imataseko	Borehole	1099	8.24	220	78	28.17	3.27	38.09	3.70	184	45.1	58	0.55	0.07	0.01	0.07	0	0	0.29	0.01	0.01	55.5	214.30
83	SW-SY-39	Shinyanga	Meatu	Mwandaya	Mwandaya	Borehole	1317	8.78	406	128	25.32	11.34	310.63	0.25	630	10.3	101	0.01	0.01	0.01	0.01	0	0	0.07	0.01	0.01	66.5	188.60
84	SY-37	Shinyanga	Meatu	Mwandaya	Mwandaya	Borehole	1317	8.78	406	128	25.32	11.34	310.63	0.25	630	10.3	101	0.01	0.01	0.01	0.01	0	0	0.07	0.01	0.01	66.5	188.60
85	SY-33	Shinyanga	Meatu	Mwandaya	Mwandaya	Borehole	1317	8.78	406	128	25.32	11.34	310.63	0.25	630	10.3	101	0.01	0.01	0.01	0.01	0	0	0.07	0.01	0.01	66.5	188.60
86	SY-34	Shinyanga	Meatu	Mwandaya	Mwandaya	Borehole	1317	8.78	406	128	25.32	11.34	310.63	0.25	630	10.3	101	0.01	0.01	0.01	0.01	0	0	0.07	0.01	0.01	66.5	188.60
87	SY-42	Shinyanga	Rura	Ibaha	Ibaha	Borehole	1364	7.63	586	36	3.12	1.49	79.41	1.40	184	34.3	487	0.07	0.01	0.01	0.01	0	0	0.04	0.01	0.01	60.3	192.30
88	SY-42	Shinyanga	Rura	Ibaha	Ibaha	Borehole	1364	7.63	586	36	3.12	1.49	79.41	1.40	184	34.3	487	0.07	0.01	0.01	0.01	0	0	0.04	0.01	0.01	60.3	192.30
89	SY-42	Shinyanga	Rura	Ibaha	Ibaha	Borehole	1364	7.63	586	36	3.12	1.49	79.41	1.40	184	34.3	487	0.07	0.01	0.01	0.01	0	0	0.04	0.01	0.01	60.3	192.30
90	SG-10	Singida	Framba	Gumanga	Gumanga	Borehole	1118	7.55	626	206	62.84	16.06	214.63	3.01	344	37.9	417	0.02	0.01	0.01	0.01	0	0	0.02	0.01	0.01	58.8	287.40
91	SG-16	Singida	Framba	Ibaga	Ibaga	Borehole	1439	7.60	810	280	21.77	18.83	62.63	2.63	332	38.8	31	0.28	0.06	0.01	0.01	0	0	0.06	0.01	0.01	80.0	265.30
92	SG-16	Singida	Framba	Ibaga	Ibaga	Borehole	1439	7.60	810	280	21.77	18.83	62.63	2.63	332	38.8	31	0.28	0.06	0.01	0.01	0	0	0.06	0.01	0.01	80.0	265.30
93	SG-37	Singida	Framba	Ibaga	Ibaga	Borehole	1439	7.60	810	280	21.77	18.83	62.63	2.63	332	38.8	31	0.28	0.06	0.01	0.01	0	0	0.06	0.01	0.01	80.0	265.30
94	SG-6(2)	Singida	Framba	Kinampanda	Maluga	Borehole	1492	7.75	646	215	13.11	82.89	112.70	9.47	430	41.5	20	0.36	0.08	0.01	0.08	0	0	0.02	0.01	0.01	70.0	469.20
95	SG-44	Singida	Framba	Nhiriti	Matongo	Shallowell	1559	8.21	880	944	32.51	82.89	112.70	9.47	430	41.5	20	0.36	0.08	0.01	0.08	0	0	0.02	0.01	0.01	40.0	193.60
96	SG-34	Singida	Framba	Nhiriti	Matongo	Shallowell	1559	8.21	880	944	32.51	82.89	112.70	9.47	430	41.5	20	0.36	0.08	0.01	0.08	0	0	0.02	0.01	0.01	40.0	193.60
97	SG-61	Singida	Framba	Uruqhu	Uruqhu	Borehole	1136	8.08	656	39	3.28	18.10	131.41	2.45	501	29.6	56	0.38	0.05	0.01	0.05	0	0	0.18	0.01	0.01	67.7	318.90
98	SG-30	Singida	Framba	Chikuyu	Chikuyu	Borehole	861	7.82	661	31.24	36.38	1006.06	15.70	399	660	651.4	55	0.74	0.07	0.01	0.01	0	0	0.17	0.01	0.01	80.0	265.30
99	SG-51	Singida	Framba	Ibaga	Ibaga	Borehole	1302	7.63	586	36	3.12	1.49	79.41	1.40	184	34.3	487	0.07	0.01	0.01	0.01	0	0	0.04	0.01	0.01	60.3	192.30
100	SG-SW-24	Singida	Framba	Ibaga	Ibaga	Borehole	1302	7.63	586	36	3.12	1.49	79.41	1.40	184	34.3	487	0.07	0.01	0.01	0.01	0	0	0.04	0.01	0.01	60.3	192.30
101	SG-51	Singida	Framba	Ibaga	Ibaga	Borehole	1302	7.63	586	36	3.12	1.49	79.41	1.40	184	34.3	487	0.07	0.01	0.01	0.01	0	0	0.04	0.01	0.01	60.3	192.30
102	SG-51	Singida	Framba	Ibaga	Ibaga	Borehole	1302	7.63	586	36	3.12	1.49	79.41	1.40	184	34.3	487	0.07	0.01	0.01	0.01	0	0	0.04	0.01	0.01	60.3	19

Table Water Quality Analysis for Existing Water Resources

No.	SWC_No	Region	District	Division	Ward	Village	Source Type	Latitude	Longitude	Altitude	Sampling Date	Bacteria CFU/100ml	Escherichia Coli CFU/100ml	Lead (mg/l)	As (mg/L)	Se (mg/L)	Cr (mg/L)	CN (mg/L)	Sb (mg/L)	Cd (mg/L)	Ba (mg/L)	T-Hg (mg/L)	F (mg/L)	NO3 (mg/NO3-L)	NO2 (mg/NO2-L)	NH4 (mg/SH4-L)	Color (TCU)	Turbidity (NTU)	
Tanzania Standard for Drinking Water (Lower Limit)																													
Tanzania Standard for Drinking Water (Upper Limit)																													
WHO Guide Line																													
121	TB-18(2)	Tabora	Ilonga	Simbo	Choma	Choma	River	-4.02133	33.34464	1109	Aug-06	1.3	0	0.1	0.05	0.05	0.05	0.2	0.1	0.05	1	0.001	1.5	10	-	2	2	1.5	5
122	TB-18(7)	Tabora	Ilonga	Ilonga	Mwanzari	Mwanzari	Spring	-3.57172	33.58311	1097	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.38	0.001	1.50	5.72	<0.001	<0.001	0.5	15	5
123	SW-TB-6	Tabora	Ilonga	Ilonga	Mwanzari	Mwanzari	Dam	-3.54375	33.62797	1083	Aug-06	29	21	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.68	<0.001	0.800	10.56	0.626	0.004	0	0	2.11
124	TB-18(2)	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Shallow well	-3.59195	33.69125	1086	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.24	<0.001	0.800	4.84	0.197	<0.001	132	34.00	
125	TB-4	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Lugubu	-4.56	33.87364	1086	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.18	<0.001	23.328	1.89	0.054	<0.001	0	0	0.16
126	TB-22(2)	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Dam	-4.13717	33.64931	1166	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.24	<0.001	0.400	2.64	0.108	<0.001	7	2.73	
127	TB-22(2)	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Water hole	-4.33269	33.53715	1194	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.51	<0.001	0.400	9.64	0.118	<0.001	51	6.66	
128	TB-28(2)	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Borehole	-4.41107	33.43159	1270	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1.46	<0.001	0.400	2.68	0.079	0.002	0	5.23	
129	SW-TB-16	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Borehole	-4.23764	33.40614	1253	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.16	<0.001	3.000	10.36	0.315	0.002	0	0.10	
130	SW-TB-16	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Borehole	-3.95531	32.86789	1175	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.45	<0.001	0.400	10.36	0.315	0.002	0	0.10	
131	SW-TB-16	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Borehole	-4.12347	32.89994	1104	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.66	<0.001	0.400	10.11	0.231	0.002	0	37.70	
132	TB-38(1)	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Dugwell	-3.98251	33.18013	1104	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.52	<0.001	0.400	10.11	0.231	0.002	0	37.70	
133	SW-TB-23	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Dugwell	-5.32622	33.18669	1203	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.52	<0.001	0.400	10.11	0.231	0.002	0	37.70	
134	SW-TB-25	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Shallow well	-5.14092	33.15119	1209	Aug-06	8	3	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.86	<0.001	0.400	10.11	0.231	0.002	0	37.70	
135	SW-TB-25	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Shallow well	-5.14092	33.15119	1209	Aug-06	8	3	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	0.86	<0.001	0.400	10.11	0.231	0.002	0	37.70		
136	SW-TB-24	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Shallow well	-5.49332	33.64339	1187	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.86	<0.001	0.400	10.11	0.231	0.002	0	37.70	
137	TB-42	Tabora	Ilonga	Ilonga	Ilonga	Ilonga	Shallow well	-5.17551	33.84302	1277	Aug-06	9	2	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.86	<0.001	0.400	10.11	0.231	0.002	0	37.70	
138	WSI-1	Ansha	Ngorongoro	Ongororo	Ongororo	Ongororo	Borehole	-3.02226	35.69445	1157	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.86	<0.001	0.400	10.11	0.231	0.002	0	37.70	
139	WSI-2	Ansha	Ngorongoro	Ongororo	Ongororo	Ongororo	Borehole	-3.02226	35.69445	1157	Aug-06	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.86	<0.001	0.400	10.11	0.231	0.002	0	37.70	
140	TD-1	Shigda	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
141	TD-10	Manyara	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
142	TD-11	Manyara	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
143	TD-12	Manyara	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
144	TD-13	Manyara	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
145	TD-15	Manyara	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
146	TD-17	Manyara	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
147	TD-19	Manyara	Manyara	Manyara	Manyara	Manyara	Spring	-2.04619	35.02732	830	Jun-07	N/A	N/A	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	<0.001	3.000	3872	0.064	0	0	0.37	
148	TD-2	Dodoma	Dodoma	Dodoma	Dodoma	Dodoma	Spring	-5.63423	35.62646	1053	12-Jan-07	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.25	<0.001	3.500	0.02	<0.001	0.00	<0.001	0.00	<0.01
149	TD-20	Shivanga	Kisumu	Negesi	Negesi	Negesi	Spring	-3.92323	33.78151	1057	14-Sep-07	0	0	0.12	<0.001	<0.001	0.07	<0.001	<0.001	<0.001	<0.001	0.62	<0.001	34.950	0.00	<0.001	4.14	0.51	
150	TD-21	Shivanga	Maswa	Maswa	Maswa	Maswa	Spring	-3.94095	33.68677	1217	16-Sep-07	0	0	<0.01	<0.001	<0.001	0.01	<0.001	<0.001	<0.001	0.05	<0.001	1.410	0.00	<0.001	55.90	6.43		
151	TD-22	Shivanga	Maswa	Maswa	Maswa	Maswa	Spring	-3.94095	33.68677	1217	16-Sep-07	0	0	<0.01	<0.001	<0.001	0.01	<0.001	<0.001	<0.001	0.05	<0.001	1.410	0.00	<0.001	55.90	6.43		
152	TD-29	Ansha	Atteru	Atteru	Atteru	Atteru	Spring	-3.14660	34.50635	1438	07-Sep-07	0	0	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	26.500	0.00	<0.001	138.80	16.10	
153	TD-3	Dodoma	Kondoa	Kondoa	Kondoa	Kondoa	Spring	-3.14660	34.50635	1438	07-Sep-07	10	8	0.03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	15.590	0.00	<0.001	0.00	0.07	
154	TD-4	Dodoma	Kondoa	Kondoa	Kondoa	Kondoa	Spring	-3.14660	34.50635	1438	07-Sep-07	10	8	0.03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	15.590	0.00	<0.001	0.00	0.07	
155	TD-5	Dodoma	Kondoa	Kondoa	Kondoa	Kondoa	Spring	-3.14660	34.50635	1438	07-Sep-07	10	8	0.03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	15.590	0.00	<0.001	0.00	0.07	
156	TD-7	Manyara	Babati	Babati	Babati	Babati	Spring	-3.90797	35.44907	941	25-Sep-07	0	0	<0.01	<0.001	<0.001	0.23	0.003	<0.001	0.076	0.03	<0.001	0.049	0.00	<0.001	0.00	<0.001		
157	TD-8	Shigda	Manyara	Manyara	Manyara	Manyara	Spring	-4.28282	35.48875	1075	03-Oct-06	0	0	<0.01	<0.001	<0.001	0.23	0.003	<0.001	0.076	0.03	<0.001	0.049	0.00	<0.001	0.00	<0.001		

Table Water Quality Analysis for Existing Water Resources

No.	SWQ No	Region	District	Ward	Village	Source Type	Altitude	Sampling Date	pH	18		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
										Total Hardness (mg/L)	Filterable Residue (mg/L)																			
Tanzania Standard for Drinking Water (Lower Limit)																														
WHO Guide Line																														
121	TB-19(2)	Tabara	Igunga	Chorna	Chorna	River	1109	Aug-06	6.5-8.5	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
122	SW-TB-7	Tabara	Igunga	Chorna	Chorna	Spring	1077	Aug-06	8.01	342	351.5	1072	94.22	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
123	SW-TB-6	Tabara	Igunga	Mwanzigi	Mwanzigi	Dam	1088	Aug-06	7.51	1908	46	11.66	3.48	57.18	22.6	3.66	359	401	188	0.79	6.15	0.61	2	10	0.06	<0.01	<0.01	<0.01	39.8	263.10
124	TB-1(B-4)	Tabara	Igunga	Igunga	Igunga	Shallow well	1066	Aug-06	8.59	2344	72	23.09	4.88	12.83	5.23	111	31.7	45	4.63	0.21	<0.01	<0.01	0	0	0.07	<0.01	<0.01	15.28	229.40	
125	TB-2	Tabara	Igunga	Igunga	Igunga	Rwell	1090	Aug-06	7.73	68	69	17.35	4.85	7.75	7.79	101	<0.1	27	0.18	0.07	<0.01	<0.01	0	0	0.36	<0.01	<0.01	15.9	210.30	
126	TB-23(2)	Tabara	Igunga	Igunga	Igunga	Dam	1166	Aug-06	7.85	188	110	37.38	3.71	15.25	4.11	176	<0.1	59	0.33	0.04	<0.01	<0.01	0	0	0.05	<0.01	<0.01	24.7	284.60	
127	TB-23(2)	Tabara	Igunga	Igunga	Igunga	Water hole	1194	Aug-06	8.19	1132	356	69.41	32.79	132.61	18.21	470	<0.1	779	1.82	2.41	<0.01	<0.01	7	62	0.06	<0.01	<0.01	53.0	263.30	
128	TB-25	Tabara	Igunga	Ninanga	Ninanga	Borehole	1270	Aug-06	7.93	780	200	12.14	13.68	119.55	1.57	482	<0.1	42	0.13	0.02	<0.01	<0.01	3	0	0.03	<0.01	<0.01	96.5	196.60	
129	TB-28(2)	Tabara	Igunga	Ziba	Ziba	Shallow well	1253	Aug-06	7.10	918	19	5.97	1.82	37.50	3.75	37	92.2	13	2.48	0.12	<0.01	<0.01	0	0	0.03	<0.01	<0.01	43.0	314.80	
130	TB-30	Tabara	Nzega	Igusue	Igusue	Borehole	1211	Aug-06	7.15	408	6	<0.03	0.12	5.70	0.35	21	92.2	13	2.48	0.12	<0.01	<0.01	0	0	0.03	<0.01	<0.01	43.0	314.80	
131	SW-TB-16	Tabara	Nzega	Isafwa	Isafwa	Borehole	1104	Aug-06	7.43	614	79	8.06	1.90	12.52	3.64	114	30.5	19	6.71	0.44	<0.01	<0.01	0	0	0.05	<0.01	<0.01	6.8	299.80	
132	TB-31(2)	Tabara	Nzega	Ntiti	Ntiti	Borehole	1175	Aug-06	7.86	696	203	69.10	15.76	113.95	1.36	296	<0.1	81	<0.01	<0.01	<0.01	<0.01	0	0	0.07	<0.01	<0.01	107.9	262.40	
133	TB-31(2)	Tabara	Uyui	Gweto	Gweto	Dugwell	1203	Aug-06	4.38	214	6	<0.01	1.53	23.88	4.17	15	18.1	13	1.01	0.12	<0.01	<0.01	0	0	0.07	<0.01	<0.01	12.41	555.40	
134	SW-TB-24	Tabara	Uyui	Gweto	Gweto	Shallow well	1209	Aug-06	4.60	210	10	<0.01	0.93	23.88	4.17	15	18.1	13	1.01	0.12	<0.01	<0.01	0	0	0.07	<0.01	<0.01	12.41	555.40	
135	SW-TB-25	Tabara	Uyui	Gweto	Gweto	Shallow well	1277	Aug-06	6.68	1118	81	19.83	7.87	75.55	2.94	15	<0.1	38	0.48	0.10	<0.01	<0.01	0	0	0.03	<0.01	<0.01	21.9	352.00	
136	SW-TB-25	Tabara	Uyui	Kizengi	Kizengi	Shallow well	1187	Aug-06	7.28	638	28	<0.01	4.50	9.74	3.29	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0	0	0.02	<0.01	<0.01	11.3	224.30	
137	TB-42	Tabara	Uyui	Loya	Loya	Borehole	1157	Aug-06	6.68	797	1320	301	13.15	35.87	352.85	4.49	688	23.0	344	0.27	0.05	<0.01	<0.01	0	0	<0.01	<0.01	<0.01	202.0	200.70
138	WSL-1	Arusha	Ngorongoro	Ogossale	Ogossale	Dug Well	1157	Jun-07	6.15	246	205	57.76	8.02	34	15.11	144	<0.1	1	0.22	0.03	<0.01	<0.01	0	0	<0.01	<0.01	<0.01	54.9	201.00	
139	WSL-2	Arusha	Ngorongoro	Ogossale	Ogossale	Spring	830	10-Jun-07	7.57	72,100	845	339	67.11	27,014	38.19	500	3,704	78	3.98	0.11	0.52	0.86	5	20	0.02	<0.01	<0.01	14.9	240.00	
140	TD-1	Singida	Manvya	Kimiba	Kimiba	Spring	1063	04-Nov-06	8.06	669	3	22.54	8.18	69	8.96	30	72	10	<0.01	<0.01	<0.01	<0.01	0	0	0.12	<0.01	<0.01	1190.0	270.00	
141	TD-10	Manvya	Manvya	Hirabadaw	Hirabadaw	Spring	1952	14-Jan-07	6.80	536	165	66.11	16.62	41	41.61	115	26	9	1.30	0.24	<0.01	<0.01	0	0	0.13	<0.01	<0.01	82.4	194.00	
142	TD-11	Singida	Manvya	Manvya	Manvya	Spring	1245	11-Nov-06	7.93	677	2	14.64	3.85	198	2.14	39	<0.1	9	<0.01	<0.01	<0.01	<0.01	0	0	0.13	<0.01	<0.01	79.7	204.00	
143	TD-12	Singida	Manvya	Manvya	Manvya	Spring	1476	28-Oct-06	8.79	1,045	1	4.02	6.26	400	3.21	59	117	30	0.34	0.09	<0.01	<0.01	0	0	0.08	<0.01	<0.01	136.6	180.00	
144	TD-13	Singida	Manvya	Manvya	Manvya	Spring	1283	25-Nov-06	7.75	4,737	8	242	30.70	220	3.04	<1.00	1,304	120	<0.01	<0.01	<0.01	<0.01	9	0	0.11	<0.01	<0.01	384.0	207.00	
145	TD-15	Tabara	Uyui	Kizengi	Kizengi	Spring	1006	21-Feb-07	8.72	1,580	40	1.71	3.96	400	0.78	105	207	1	<0.01	<0.01	<0.01	<0.01	0	0	0.09	<0.01	<0.01	195.1	108.50	
146	TD-19	Manvya	Kilelesh	Makame	Makame	Spring	1049	31-Sep-07	6.69	63,735	3460	8,101	879	8,230	182.75	2,400	3,085	88	2.42	0.23	0.25	0.11	7	5	0.02	<0.01	<0.01	1090.0	269.00	
147	TD-19	Manvya	Kilelesh	Makame	Makame	Spring	1053	12-Jan-07	7.93	630	260	29.95	14.86	100	0.80	37	75	1	<0.01	<0.01	<0.01	<0.01	0	0	0.12	<0.01	<0.01	90.1	112.10	
148	TD-2	Dodoma	Dodoma	Kurua	Kurua	Spring	1057	14-Sep-07	8.66	15,815	72	0.20	1.34	3,700	11.77	48	514	22	5.00	0.03	0.03	0.06	0	0	<0.01	<0.01	<0.01	687.0	203.00	
149	TD-20	Shinyanga	Kisharu	Nzofia	Nzofia	Spring	1057	16-Sep-07	7.36	1,079	328	2.64	14.01	217	1.53	230	769	1	<0.01	<0.01	<0.01	<0.01	0	45	<0.01	<0.01	<0.01	414.0	325.00	
150	TD-21	Shinyanga	Masaha	Mwasayi	Mwasayi	Spring	1217	17-Sep-07	8.52	9,433	120	0.82	12.54	3,600	35.12	80	20	24	8.00	0.11	0.10	0.10	0	0	0.03	<0.01	<0.01	685.0	174.00	
151	TD-22	Shinyanga	Kimari	Mwaguido	Mwaguido	Spring	1438	28-Aug-07	8.09	747	80	19.22	1.98	291	28.30	50	21	2	0.02	<0.01	<0.01	<0.01	0	0	<0.01	<0.01	<0.01	95.3	177.00	
152	TD-29	Arusha	Arusha	Nzaramviki	Nzaramviki	Spring	1110	22-Oct-06	8.31	1,201	1	13.68	4.33	408	6.05	32	470	14	0.94	0.90	<0.01	<0.01	0	0	0.16	<0.01	<0.01	158.2	178.00	
153	TD-3	Dodoma	Kondoa	Furkwa	Furkwa	Spring	1488	28-Sep-07	7.08	98	520	82.21	50.78	142	13.21	363	53	1.94	0.50	<0.01	<0.01	<0.01	0	0	0.06	<0.01	<0.01	106.5	237.00	
154	TD-4	Dodoma	Kondoa	Kalamba	Kalamba	Spring	941	23-Sep-07	7.71	1,149	290	49.24	23.12	435	7.13	203	273	2	0.69	<0.01	<0.01	<0.01	0	0	0.04	<0.01	<0.01	163.3	186.00	
155	TD-5	Dodoma	Dodoma	Mpalala	Mpalala	Spring	1675	03-Oct-06	6.81	157	68	4.28	5.94	17	0.30	34	<0.10	0	<0.01	<0.01	<0.01	<0.01	0	0	0.10	<0.01	<0.01	17.3	167.00	
156	TD-7	Manvya	Babani	Dareda	Bermi/Saloto	Spring	1675	25-Sep-07	7.53	2,740	875	100	107	344	12.15	610	323	8	0.44	0.13	0.13	0.13	3	8	0.02	<0.01	<0.01	261.0	206.00	
157	TD-8	Singida	Manvya	Sanza	Sanza	Spring	863	25-Sep-07	7.53	2,740	875	100	107	344	12.15	610	323	8	0.44	0.13	0.13	0.13	3	8	0.02	<0.01	<0.01	261.0	206.00	

Data C
Inventory Survey

Inventory Survey Result (1/21)

Serial No.	I.V.Nr. No.	Region	Location				Position GPS (Auto 1980)				B.M. Sighting	Rockhole No.	Construction Date	Commodities (Down)	Depth (m)	SWL (m)	Wear Struck (m)	Yield (m ³ /hr)	Diameter (mm)	Steven Depth (m)	Orelog
			Village	Subvillage	Latitude (S)	Longitude (E)	Altitude (m)	Aquacity (m)	Neak Water Level (m)												
1	56-1	Singha	Ibaba	Ibaba	4.92716	34.59873	1154	16	1989	7589	1989	5.59	83.00	5.23	13.85	24.82	32.31	12,750	72.52	Sands	
2	56-2	Singha	Ibaba	Ibaba	4.10483	34.64662	1289	14	1971	2671	1971	4.49	83.00	4.49	16.8	46.8	63.4	4,186	56	Fractionated granite	
3	56-3	Singha	Kamru	Kamru	4.00051	34.50062	1188	14	1989	3169	1989	9.23	91.38	10.77	10.77	10.77	10.77	1,665	37.95	Weathered granite	
4	56-3	Singha	Kamru	Kamru	4.14989	34.74711	1853	8	1969	62099	1969	4.00	25.00	4.00	62099	4.00	62099	3,000	45.24	Weathered granite	
5	56-5	Singha	Kamru	Kamru	4.88455	34.74185	1859	15	1977	20077	1977	3.95	35.05	3.95	3.95	3.95	3.95	3,000	15.24	Weathered granite	
6	56-7	Singha	Kamru	Kamru	4.58662	34.63110	1387	6	2004	93264	2004	8.00	38.40	8.00	26-28	26-28	26-28	1,242	21.83	Granite and basalt weathered.	
7	56-9	Singha	Kamru	Kamru	4.54925	34.54757	1482	12	1975	24275	1975	33.52	83.52	30.00	36.6	62.5	0.440	10	Weathered granite		
8	56-10	Singha	Kamru	Kamru	4.23882	34.68824	1469	8	1975	6576	1975	5.2	67.00	5.20	3.21	33.35	3.48	3,000	49	Weathered granite	
9	56-11	Singha	Kamru	Kamru	4.13820	34.52645	1437	8	1994	5404	1994	5.9	41.00	5.90	13.17	12.18	13.17	2,880	15	Weathered granite	
10	56-12	Singha	Kamru	Kamru	4.38776	34.68676	1437	9	2000	2882000	2000	5.0	40.00	5.26	5.0	5.26	5.0	2,880	15	Weathered granite	
11	56-13	Singha	Kamru	Kamru	4.46929	34.62629	1347	9	1985	2288	1985	6.70	67.00	14.00	10.97	14.00	10.97	4,910	14.02	Weathered granite	
12	56-14	Singha	Kamru	Kamru	4.36656	34.76001	1497	6	1976	19576	1976	71.63	40.00	6.00	18.7	22.8	5.450	36.6	15	Weathered granite	
13	56-15	Singha	Kamru	Kamru	4.15831	34.63636	1520	7	1985	6345	1985	6.00	60.00	6.00	18.7	22.8	5.450	36.6	15	Weathered granite	
14	56-16	Singha	Kamru	Kamru	4.32828	34.79238	1520	7	1985	18476	1985	6.00	60.00	6.00	18.7	22.8	5.450	36.6	15	Weathered granite	
15	56-17	Singha	Kamru	Kamru	4.34732	34.74742	1499	9	1975	76763	1975	13.2	70.10	37.50	43.98	68.51	9.280	2,700	15	Weathered granite	
16	56-18	Singha	Kamru	Kamru	4.26655	34.64804	1575	17	1983	17863	1983	28.95	81.1	27.43	18.24	20	2,700	2,700	15	Weathered granite	
17	56-19	Singha	Kamru	Kamru	4.34469	34.87470	1577	17	1983	17863	1983	28.95	81.1	27.43	18.24	20	2,700	2,700	15	Weathered granite	
18	56-20	Singha	Kamru	Kamru	4.31169	34.63339	1839	5	1977	15277	1977	5.91	81.00	6.00	75	75	7,199	38.71	20	Fractured granite	
19	56-21	Singha	Kamru	Kamru	4.26874	34.53719	1449	6	1989	10788	1989	36.02	64.66	36.02	64.66	36.02	64.66	7,199	38.71	Fractured granite	
20	56-22	Singha	Kamru	Kamru	4.26874	34.53719	1449	6	1989	10788	1989	36.02	64.66	36.02	64.66	36.02	64.66	7,199	38.71	Fractured granite	
21	56-23	Singha	Kamru	Kamru	4.26874	34.53719	1449	6	1989	10788	1989	36.02	64.66	36.02	64.66	36.02	64.66	7,199	38.71	Fractured granite	
22	56-24	Singha	Kamru	Kamru	4.26874	34.53719	1449	6	1989	10788	1989	36.02	64.66	36.02	64.66	36.02	64.66	7,199	38.71	Fractured granite	
23	56-25	Singha	Kamru	Kamru	4.27315	34.78321	1547	8	1977	7077	1977	8.1	81.00	9.45	29	47.24	3,000	12.2	20	Weathered granite	
24	56-26	Singha	Kamru	Kamru	4.34633	34.79238	1499	13	1983	1453	1983	84.00	84.00	84.00	84.00	84.00	10,000	19.14	20	Weathered granite	
25	56-27	Singha	Kamru	Kamru	4.28816	34.74648	1581	8	1976	27676	1976	2.13	31.00	2.13	10.39	61.57	64	12,380	3.92	Weathered granite	
26	56-28	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
27	56-29	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
28	56-30	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
29	56-31	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
30	56-32	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
31	56-33	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
32	56-34	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
33	56-35	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
34	56-36	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
35	56-37	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
36	56-38	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
37	56-39	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
38	56-40	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
39	56-41	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
40	56-42	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
41	56-43	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
42	56-44	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
43	56-45	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
44	56-46	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
45	56-47	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
46	56-48	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
47	56-49	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
48	56-50	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
49	56-51	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
50	56-52	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
51	56-53	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
52	56-54	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
53	56-55	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
54	56-56	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
55	56-57	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
56	56-58	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
57	56-59	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
58	56-60	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
59	56-61	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
60	56-62	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
61	56-63	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
62	56-64	Singha	Kamru	Kamru	4.26914	34.74648	1585	14	2004	20777	2004	3.95	31.00	3.95	3.95	3.95	3.95	2,150	29	Weathered granite	
63	56-65	Singha	Kamru	Kamru	4.26914	34.74															

Inventory Survey Result (2/21)

Serial No.	IRV# No.	Region				Location				Position GPS (Jan 1982)				Static Water				Borehole				Rock Specifications from Borehole Log						
		Region	Division	Village	Subvillage	Ward	Latitude (S)	Longitude (E)	Altitude (m)	Accuracy (m)	Level (m)	Borehole No.	Construction Date	Comments by (Owner)	Depth (m)	SWI (m)	Yield (m ³ /h)	DWL (m)	Pump Type	Diameter (mm)	Screen Depth (m)	Geology						
80	55-75	Shinda	Nommo	Makabulu	Mungwa	Sasulira	4.1389	34.6897	1028	12	0	6.07290	34.68972	389	8	2.31	123.70	70.00	116.00	70.00	63.5	37	1984	1984		Wear Stack (m)	2.400	Washed sand
81	55-76	Shinda	Nommo	Sasulira	Sasulira	Sasulira	5.9597	34.6969	880	8	0	5.9597	34.6969	880	8	0	116.00	15.00	116.00	15.00	4.958	37	1985	1985		4.958	2.400	Washed sand
82	55-77	Shinda	Nommo	Sasulira	Dung'anyi	Dung'anyi	5.07199	34.60695	1987	8	0	5.07199	34.60695	1987	8	0	19.60	2.30	19.60	2.30	16.63	2500	1972	1972		6.1	15	Well
83	55-78	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	5.07199	34.60695	1987	8	0	5.07199	34.60695	1987	8	0	91.44	4.23	91.44	4.23	78.9	6000	1973	1973		6.1	15	Well
84	55-79	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	5.06963	34.69734	1529	3	0	5.06963	34.69734	1529	3	0	129.00	12.50	129.00	12.50	54.97	6000	1970	1970		26.64	15	Hand Pump
85	55-80	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	5.20398	34.69344	1378	6	0	5.20398	34.69344	1378	6	0	47.28	17.97	47.28	17.97	6.000	6000	1987	1987		6.000	15	Hand Pump
86	55-81	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	5.0828	34.69344	1572	13	0	5.0828	34.69344	1572	13	0	4.19	17.97	4.19	17.97	6.000	6000	1987	1987		6.000	15	Hand Pump
87	55-82	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	5.0828	34.69344	1572	13	0	5.0828	34.69344	1572	13	0	4.19	17.97	4.19	17.97	6.000	6000	1987	1987		6.000	15	Hand Pump
88	55-83	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
89	55-84	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
90	55-85	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
91	55-86	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
92	55-87	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
93	55-88	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
94	55-89	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
95	55-90	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
96	55-91	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
97	55-92	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
98	55-93	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
99	55-94	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
100	55-95	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
101	55-96	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
102	55-97	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
103	55-98	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
104	55-99	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
105	55-100	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
106	55-101	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
107	55-102	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
108	55-103	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
109	55-104	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
110	55-105	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
111	55-106	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
112	55-107	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
113	55-108	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
114	55-109	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
115	55-110	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
116	55-111	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
117	55-112	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
118	55-113	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
119	55-114	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
120	55-115	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000	6000	1988	1988		6.000	15	Hand Pump
121	55-116	Shinda	Nommo	Dung'anyi	Dung'anyi	Dung'anyi	4.83328	34.69377	1622	6	0	4.83328	34.69377	1622	6	0	3.95	17.97	3.95	17.97	6.000</							

Inventory Survey Result (3/21)

Serial No.	DVS-NO.	Region	District	Division	Village	Subvillage	Position GPS (WGS 1984)			Altitude (m)	Accuracy (m)	Sink Water Level (m)	BHT reading	Booklet No	Construction Date	Contracted By (Owner)	Depth (m)	SWL (m)	Wear Struck (m)	Yield (m ³ /hr)	DWL (m)	Pump Type	Diameter (mm)	Screen Depth (m)	Geology	
							Latitude (S)	Longitude (E)	Height (m)																	
166	TB-21/2	Tabora	Isiara	Mwanoo	Malinge	Nambo	4.4410	33.6958	1134	7	50.00	13.42	26/2003	2003	MWV	50.00	13.42	17.20	30.35	4.000	25.76			Granite		
167	TB-21/3	Tabora	Isiara	Mwanoo	Malinge	Nambo	4.4377	33.6978	1184	6	34.00	3.00	22/97	1997	MWV	34.00	3.00	6	5	1.200	Hand Pump			Weathered granite		
168	TB-23	Tabora	Isiara	Mwanoo	Mwambao	Nambo	4.3269	33.5315	1184	7	18.00	2.00	24/97	1997	MWV	18.00	2.00	6	5	1.200	Hand Pump			Weathered granite		
170	TB-24	Tabora	Iringa	Mwanoo	Mwambao	Nambo	4.4109	33.4838	1287	11	74.00	2.44	17/9	1979	MWV	74.00	2.44	6.1	21.33	13.000	Electric Pump			Sand, weathered granite		
171	TB-25	Tabora	Iringa	Mwanoo	Mwambao	Nambo	4.4107	33.4319	1270	9	32.00	1.00	32/98	1998	NINGHA HOSPITAL	32.00	1.00	14.24	5.000	5.000	Electric Pump			Sand, weathered granite		
172	TB-26	Tabora	Iringa	Mwanoo	Mwambao	Nambo	4.2783	33.4326	1283	8	11.00	0.00	34/99	1999	MWV	11.00	0.00	7.65	37.58		Hand Pump			Sand, weathered granite		
173	TB-27	Tabora	Iringa	Mwanoo	Mwambao	Nambo	4.2786	33.4678	1188	15	2	12.19	4.57	5/73	1973	MWV	12.19	4.57	9.14	10.2		No Pump (Shank)			Sand & Gravel	
174	TB-28	Tabora	Iringa	Mwanoo	Mwambao	Nambo	4.2774	33.4074	1253	5	2.33	30.00	6.00	7/2002	2002	MWV	30.00	6.00	10.2	6.000					Sand & Gravel	
175	TB-29/1	Tabora	Iringa	Mwanoo	Mwambao	Nambo	4.3394	33.4227	1259	5	3.63	5.00	3.63	1983	MWV	5.00	3.63									
176	TB-29/2	Tabora	Iringa	Mwanoo	Mwambao	Nambo	4.3263	33.4687	1259	9	3.63	70.50	5.45	11/5/2003	2003	WATER AID	70.50	5.45	4.54	4.500	21.6	Hand Pump			Fractured granite	
177	TB-30	Tabora	Nzega	Mwanoo	Mwambao	Nambo	3.9531	32.9078	1211	9	17.41	49.67	19/81	1981	WATER AID	49.67	2.44	4.54	4.500	21.6	Electric Pump			Fractured granite		
178	TB-31	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.1945	33.1785	1205	7	9.50	84.00	0.61	12/578	1978	MWV	84.00	0.61	18.8	42.7	4.000	21.3			Sh. gravel clay	
179	TB-32	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.2228	33.1672	1227	14	3.22	47.00	32.22	10/78	1978	MWV	47.00	32.22	4.6	6.000					Sh. sand & gravel	
180	TB-33/1	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.2125	33.2320	1190	6	5.12	7.00	6.72	10/78	1978	WORLD VISION	7.00	6.72	21.34						Sh. sand & gravel	
181	TB-33/2	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.2094	33.2662	1225	7	5.12	46.72	4.88	6/72	1972	WORLD VISION	46.72	4.88	24.38	2.700						
182	TB-34/1	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.1995	33.2781	1194	6	9.50	41.80	0.44	16/92	1992	MWV	41.80	0.44	30.46	6.000	19.9	Hand Pump			Fractured granite	
183	TB-34/2	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.1872	33.3187	1207	6	9.50	36.00	8.80	46/2006	2006	MWV	36.00	8.80	13.7	19.8	4.500	21.8			Fractured granite	
184	TB-35/1	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.0127	33.0959	1127	7	3.63	46.86	3.30	13/73	1973	WORLD VISION	46.86	3.30	13.7	19.8	4.500	21.8			Fractured granite	
185	TB-35/2	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.0125	33.0954	1126	5	3.63	46.86	3.30	13/73	1973	WORLD VISION	46.86	3.30	13.7	19.8	4.500	21.8			Fractured granite	
186	TB-36/1	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.0988	33.0304	1138	8	10.4	65.72	4.88	6/72	1972	WORLD VISION	65.72	4.88	24.38	2.700						
187	TB-36/2	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.0574	33.0230	1145	7	10.4	65.72	4.88	6/72	1972	WORLD VISION	65.72	4.88	24.38	2.700						
188	TB-37	Tabora	Nzega	Mwanoo	Mwambao	Nambo	3.9839	33.1418	1093	7	15.01	65.50	4.85	26/2003	2003	WATER AID	65.50	4.85	50.84	2.270						
189	TB-38/1	Tabora	Nzega	Mwanoo	Mwambao	Nambo	3.9628	33.1303	1104	8	48.50	60.00	46.50	26/2003	2003	WATER AID	60.00	46.50	50.84	2.270						
190	TB-38/2	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.0269	33.1339	1121	12	12	54.86	5.18	12/478	1978	MWV	54.86	5.18	38.82	2.340	26.82					
191	TB-39	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.7507	33.2384	1125	20	12	106.88	21.33	23/498	1998	MWV	106.88	21.33	96	13.980	83.5					
192	TB-40/1	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.6717	33.2586	1126	6	3.22	17.75	2.00	23/498	1998	MWV	17.75	2.00	4.6	6.000						
193	TB-40/2	Tabora	Nzega	Mwanoo	Mwambao	Nambo	4.7746	33.2386	1240	5	3.22	47.00	32.22	23/498	1998	MWV	47.00	32.22	4.6	6.000						
194	TB-41	Tabora	Sikonge	Mwanoo	Mwambao	Nambo	5.3750	33.3423	1196	18	3.63	30.00	6.72	3/51	1981	TRC	30.00	6.72								
195	TB-42	Tabora	Uzi	Mwanoo	Mwambao	Nambo	5.1751	33.7205	1187	6	6.72	30.00	6.72	3/51	1981	TRC	30.00	6.72								
196	TB-43	Tabora	Uzi	Mwanoo	Mwambao	Nambo	5.3622	33.1849	1203	8	18.20	18.20		3/51	1981	ANGLICAN CHURCH-TAFISA	18.20									
197	SV-1	Shinyanga	Kilimanjaro	Mwambao	Mwambao	Nambo	3.3785	33.4181	1210	7	32.99	34.48	32.99	1989	MWV	34.48										
198	SV-2	Shinyanga	Kilimanjaro	Mwambao	Mwambao	Nambo	3.4623	33.4081	1162	7	24.86	6.70	100/78	1978	MWV	24.86	6.70	13.10								
199	SV-3	Shinyanga	Kilimanjaro	Mwambao	Mwambao	Nambo	3.4134	33.3710	1182	9	3.63	112.72	68.56	4/80	1980	MWV	112.72	68.56	78.20	0.680						
200	SV-4	Shinyanga	Kilimanjaro	Mwambao	Mwambao	Nambo	3.6142	33.0621	1167	7	3.63	102.10	10.86	4/80	1980	MWV	102.10	10.86	21.94	24.38	8.750					
201	SV-4/2	Shinyanga	Kilimanjaro	Mwambao	Mwambao	Nambo	3.5441	33.8020	1139	8	3.63	6.00		1995	UNDP	6.00										
202	SV-5	Shinyanga	Kilimanjaro	Mwambao	Mwambao	Nambo	3.6178	33.8031	1119	8	3.63	6.00		1995	UNDP	6.00										
203	SV-7	Shinyanga	Susungu	Mwanoo	Mwambao	Nambo	3.5955	33.8267	1223	10	5.0	5.00		1996	DHW/DVSP	5.00										
204	SV-8/1	Shinyanga	Susungu	Mwanoo	Mwambao	Nambo	3.7420	33.8703	1119	6	1.50	129.71	2.46	14/52	1992	MWV	129.71	2.46	31.86	97.54	1.500					
205	SV-8/2	Shinyanga	Susungu	Mwanoo	Mwambao	Nambo	3.7450	33.8592	1094	6	1.50	129.71	2.46	14/52	1992	MWV	129.71	2.46	31.86	97.54	1.500					
206	SV-9	Shinyanga	Kilimanjaro	Mwanoo	Mwambao	Nambo	3.3179	33.5136	1222	6	5.60	6.00		1997	DHW/DVSP	6.00										
207	SV-10/1	Shinyanga	Mwanoo	Mwanoo	Mwambao	Nambo	3.5611	33.6611	1189	9	6.72	30.25	1.82	30/72	1972	MWV	30.25	1.82	18.21	4.400	21.33					
208	SV-10/2	Shinyanga	Mwanoo	Mwanoo	Mwambao	Nambo	3.5420	33.5529	1187	15	6.20	53.04	9.14	16/75	1975	DHW/DVSP	53.04	9.14	3.65	36.57	15.000	13.71				
209	SV-11/1	Shinyanga	Kilimanjaro	Mwanoo	Mwambao	Nambo	3.5955	33.7520	1158	7	5.40	6.00		2003	TAFSA	6.00										
210	SV-11/2	Shinyanga	Kilimanjaro	Mwanoo	Mwambao	Nambo	3.5976	33.7574	1173	7	5.40	6.00		2003	TAFSA	6.00										
211	SV-11/3	Shinyanga	Kilimanjaro	Mwanoo	Mwambao	Nambo	3.6818	33.7441	1161	6	3.63	6.00		1994	UNDP	6.00										
212	SV-12	Shinyanga	Kilimanjaro	Mwanoo	Mwambao	Nambo	3.3339	33.8249	1187	5	2.63	39.10	2.63	10/79	1979	UNDP	39.10	2.63								
213	SV-12	Shinyanga	Kilimanjaro	Mwanoo	Mwambao	Nambo	3.3339	33.8249	1187	5	2.63	39.10	2.63	10/79	1979	UNDP	39.10	2.63								
214	SV-14/1	Shinyanga	Mwanoo	Mwanoo	Mwambao	Nambo	3.1724	33.7100	1336	8	4.20	4.20		2004	WASSP	4.20										
215	SV-14/2	Shinyanga	Mwanoo	Mwanoo	Mwambao	Nambo	3.1787	33.7279	1315	7	4.20	4.20		2004	CATHOLIC CHURCH	4.20										
216	SV-15/1	Shinyanga	Mwanoo	Mwanoo	Mwambao	Nambo	3.5127	33.7950	1157	10	6.5	76.50	76.50	2005	WASSP	76.50										
217	SV-15/2	Shinyanga	Mwanoo	Mwanoo	Mwambao	Nambo	3.5127	33.7950	1157	10	6.5	76.50	76.50	2005	WASSP	76.50										

Inventory Survey Result (S/21)

Serial No.	NYS-No.	Region	District	Division	Location		Sub-Village	Precursor GPS (Arc 1980)		Static Water Level (m)	B/E Swelling	Borehole No.	Construction Date	Compressed By (Dense)	Depth (m)	SWI (m)	Borehole Specification from B/E Ledger		Diameter (cm)	Season Depth (m)	Geology		
					Ward	Village		Latitude (N)	Longitude (E)								Altitude (m)	Acquency (m)				Wider Stuck (m)	Yield (m ³ /hr)
304	DO-7	Dodoma	Dodoma Rural	Bahi	Mpanzhan	Mpanzhan	Village	Chilela	5 87796	35 38537	820	8		126.10	3.96	5.41	15.08	5.00	83.25	Weathered granite			
305	DO-8	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		235.31	1.00	176.78	184.64	1.00	141.23	Granite gneiss			
306	DO-9	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		183.49	8.14	38.1	68.6	176.8	5.18	10.72	Weathered granite		
307	DO-10	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		51.97	13.73	17.39	20.0	24.92	9.40	24.92	Weathered granite		
308	DO-11	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		148.44	3.00	10.25	10.25	14.33	9.40	24.92	Weathered granite		
309	DO-12	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		94.00	5.00	10.25	10.25	14.33	9.40	24.92	Weathered granite		
310	DO-13	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		185.20	28.65	142.18	154	10.00	37.12	10.00	37.12	Weathered granite	
311	DO-14	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		132.10	38.90	46.46	94.98	120.12	10.00	37.12	10.00	37.12	Weathered granite
312	DO-15	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		148.30	48.33	52.48	92.13	134.44	9.00	37.12	10.00	37.12	Weathered granite
313	DO-16	Dodoma	Dodoma Rural	Chiganga	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		118.58	15.64	11.85	23.53	31.06	10.00	37.12	10.00	37.12	Weathered granite
314	DO-17	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		101.85	41.50	54.56	50.40	72.74	30.00	66.1	30.00	66.1	Weathered/fractured granite
315	DO-18	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		109.59	56.93	65.11	148.3		6.81	59.2		6.81	Granite
316	DO-19	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		101.29	27.43	35.98	57.54		11.89	40.2		11.89	Weathered granite
317	DO-20	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		80.00	2.11	2.2	10.22		9.20	23.25		9.20	Weathered/fractured granite
318	DO-21	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		117.04	10.36	8.41	68.58		5.90	83.25		5.90	Granite
319	DO-22	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		173.74	44.81	50.34	160.02		6.80	5.46		6.80	Granite
320	DO-23	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
321	DO-24	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
322	DO-25	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
323	DO-26	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
324	DO-27	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
325	DO-28	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
326	DO-29	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
327	DO-30	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
328	DO-31	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
329	DO-32	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
330	DO-33	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
331	DO-34	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
332	DO-35	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
333	DO-36	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
334	DO-37	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
335	DO-38	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
336	DO-39	Dodoma	Dodoma Rural	Mwandimu	Chiganga	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
337	DO-40	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
338	DO-41	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
339	DO-42	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
340	DO-43	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
341	DO-44	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
342	DO-45	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
343	DO-46	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
344	DO-47	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
345	DO-48	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
346	DO-49	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
347	DO-50	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
348	DO-51	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
349	DO-52	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
350	DO-53	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
351	DO-54	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
352	DO-55	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
353	DO-56	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
354	DO-57	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
355	DO-58	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35 42368	869	7		151.19	57.00	62.5	115.9		15.55	89.13		15.55	Basalt gneiss
356	DO-59	Dodoma	Dodoma Urban	Zuzu	Mwandimu	Chiganga	Village	Isanga	6 16592	35													

Inventory Survey Result (621)

Serial No.	JWS/No.	Region	District	Division	Word	Village	Subvillage	Position GPS (WGS 1984)				Altitude (m)	Azimutary (m)	Static Water Level (m)	B/H heading	Inoculation No.	Commencement Date	Commenced by	Depth (m)	SWL (m)	Water Shuck (m)	Yield (m³/hr)	DWH (m)	Pump Type	Diameter (mm)	Screen Depth (m)	Casing
								Latitude (S)	Longitude (E)	Latitude (E)	Longitude (E)																
382	DO-55	Dodoma	Kondea	Kwamiro	Maendo	Kali	Kali	5.66728	35.25309	912	15	>10	Sealed	22773	1973	Ward/Village	201.17	24.08	146.3	4.740	98.8	Engine pump	6	146.3	Weathered granite		
383	DO-86	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.69503	35.29918	680	8	>10	Sealed	3474	1974	Ward/Village	60.41	12.50	84.43	3.000	85.04	Engine pump	6	84.43	Weathered granite		
384	DO-87	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.71665	35.22118	1228	18	>10	Unsealed	4174	1974	Ward/Village	27.73	7.75	27.73	7.300	31.11	Engine pump	6	27.73	Weathered granite		
385	DO-88	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.72892	35.19851	1304	6	>10	Sealed	5768	1988	FAD/BSE	119.00	33.50	68.76	8.200	4.0	Engine pump	6	68.76	Weathered granite		
386	DO-89	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.72892	35.23821	1320	17	>10	Sealed	5858	1988	FAD/BSE	123.00	62.90	68.82	106.112	7.000	22.6	Engine pump	6	68.82	Weathered granite	
387	DO-90	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.74625	35.33947	1087	10	9.25	Sealed	1288	1988	FAD/BSE	183.98	0.87	112.17	0.050	58.31	Engine pump	6	112.17	Weathered granite		
388	DO-91	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.74625	35.33947	1087	10	9.25	Sealed	1288	1988	FAD/BSE	183.98	0.87	112.17	0.050	58.31	Engine pump	6	112.17	Weathered granite		
389	DO-92	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.76358	35.36567	1172	9	23.05	Sealed	10768	1988	FAD/BSE	88.50	2.67	35.58	5.70	6.580	Engine pump	6	35.58	Slightly weathered granite		
390	DO-93	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.76358	35.36567	1172	9	23.05	Sealed	10768	1988	FAD/BSE	88.50	2.67	35.58	5.70	6.580	Engine pump	6	35.58	Slightly weathered granite		
391	DO-94	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
392	DO-95	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
393	DO-96	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
394	DO-97	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
395	DO-98	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
396	DO-99	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
397	DO-100	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
398	DO-101	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
399	DO-102	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
400	DO-103	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
401	DO-104	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
402	DO-105	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
403	DO-106	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
404	DO-107	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
405	DO-107	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
406	DO-108	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
407	DO-109	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
408	DO-110	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
409	DO-111	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
410	DO-112	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
411	DO-113	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
412	DO-114	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
413	DO-115	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
414	DO-116	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
415	DO-117	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
416	DO-118	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
417	DO-119	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
418	DO-119	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
419	DO-120	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
420	DO-121	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
421	DO-122	Dodoma	Kondea	Kwamiro	Owaha	Maendo	Kali	5.78574	35.73529	1185	31	6.4	Sealed	20574	2002/0000	FAD/BSE	148.13	82.48	122.83	127.71	14.020	8.42	Engine pump	20.32	14.02	Granitic areas	
422	MA-1	Manya	Babali	Babali	Babali	Babali	Babali	4.85521	35.65231	1416	26	>10	Sealed	302400	2000	FAD/BSE	102.11	12.70	15.18	49.26	18.88	Electric pump	6	15.18	Weathered granite		
423	MA-2	Manya	Babali	Babali	Babali	Babali	Babali	4.85521	35.65231	1416	26	>10	Sealed	302400	2000	FAD/BSE	102.11	12.70	15.18	49.26	18.88	Electric pump	6	15.18	Weathered granite		
424	MA-22	Manya	Babali	Babali	Babali	Babali	Babali	4.85521	35.65231	1416	26	>10	Sealed	302400	2000	FAD/BSE	102.11	12.70	15.18	49.26	18.88	Electric pump	6	15.18	Weathered granite		
425	MA-16	Manya	Babali	Babali	Babali	Babali	Babali	4.25467	35.70837	1388	13	>10	Sealed	21809	1999	Ward/Village</											

Inventory Survey Result (7/21)

Well No.	Region	Location				Position GPS (Act 1996)				Altitude (m)	Asymmetry (m)	Static Water Level (m)	B-11 sealing	Borehole No.	Construction Date	Completed By (Dose)	Depth (m)	SWI (m)	Water Struck (m)	Yield (m ³ /h)	DWL (m)	Pump Type	Diameter (mm)	Screen Depth (m)	Geology
		Subvillage	Village	Ward	Division	Latitude (°S)	Longitude (°E)	Latitude (°S)	Longitude (°E)																
455	Arusha	Monduli	Arusha	Eransambor	Grageph	Arusha	Arusha	2.6239	36.4483	1883	11	64.70													
456	Arusha	Ngurdun	Arusha	Eransambor	Grageph	Arusha	Arusha	2.6362	36.6265	1855	9	64.70	Not sealed/Borehole	2070											
457	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5384	36.0892	1045	19	33.30													
458	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5394	36.0795	1033	20	19.50													
459	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.4942	36.1501	1179	10	59.05													
460	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
461	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
462	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
463	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
464	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
465	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
466	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
467	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
468	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
469	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													
470	Arusha	Monduli	Arusha	Makuyuni	Makuyuni	Makuyuni	Makuyuni	3.5385	36.1713	1073	16	39.35													

Inventory Survey Result (10/21)

Serial No.	ID/VIS-NO.	Temperature (°C)	EC (µS/cm)	pH	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Kiosk (with enclosure)	Open (no-repair)	Headlamp	Hydrate	Others	Flange No per BH	Tank Capacity (m ³)	Flange around the BH	Hygiene Condition		Comment		
																						Dis. Necess. Toilet (m)	Comment		Disinfectant used (liters)	Comment
166	TB-21/2																									
167	TB-22/1	26.5	18.3	7.26	362	0	0.4	0.000	0.5	2.0	0.00	0.0	0								No				No	
168	TB-22/2	26.5	18.3	6.85	365	0	0.4	0.000	0.5	2.0	0.00	0.0	1								No				No	
169	TB-24	26.3	18.3	6.46	36	0	0.4	0.000	0.5	2.0	0.00	0.0	0							45	Yes	Housed in concrete structure		No	Drainage not needed	
170	TB-24	26.3	18.3	6.46	36	0	0.4	0.000	0.5	2.0	0.00	0.0	0							60	Yes	Concrete chamber		No	Drainage not needed	
171	TB-25	25.6	18.0	6.45	36	0	0.4	0.000	0.5	2.0	0.00	0.0	0								Yes	Concrete chamber		No		
172	TB-26	26.6	18.4	7.58	367	0	1.5	0.000	0.2	10.0	0.00	0.0	3						1		Yes	The vent might be blocked during heavy rainfall		No	Easy to get contaminated	
173	TB-27	26.6	18.4	7.58	367	0	1.5	0.000	0.2	10.0	0.00	0.0	0								Yes			No	Potential to contamination	
174	TB-28	26.5	18.3	6.92	365	0	0.5	0.000	0.2	10.0	0.00	0.0	7								Yes			No		
175	TB-28/1	26.5	18.3	6.92	365	0	0.5	0.000	0.2	10.0	0.00	0.0	0								Yes			No		
176	TB-29/2	25.6	18.3	6.47	35	0	0.8	0.000	1.0	20.0	0.00	0.0	0								Yes			No		
177	TB-30	26.4	18.3	6.85	369	0	1.5	0.000	0.4	20.0	0.00	0.0	0								Yes			No		
178	TB-31	26.4	18.3	7.73	295	0	3.0	0.000	0.4	20.0	0.00	0.0	7							5	Yes			No		
179	TB-32	26.5	18.2	7.66	321	0	1.0	0.000	0.2	20.0	0.00	0.0	0								No			No		
180	TB-33/1	26.3	18.2	7.66	321	0	1.0	0.000	0.2	20.0	0.00	0.0	0								Yes			No		
181	TB-33/2	26.3	18.2	7.66	321	0	1.0	0.000	0.2	20.0	0.00	0.0	0								Yes			No		
182	TB-34/1	26.3	18.2	7.66	321	0	1.0	0.000	0.2	20.0	0.00	0.0	0								Yes			No		
183	TB-34/2	26.4	18.3	7.19	329	0	1.5	0.000	0.2	10.0	0.00	0.0	0								Yes			No		
184	TB-35/1	26.4	18.3	7.50	330	0	3.0	0.000	0.0	10.0	0.00	0.0	0								Yes			No		
185	TB-35/2	26.4	18.3	7.50	330	0	3.0	0.000	0.0	10.0	0.00	0.0	0								Yes			No		
186	TB-36/1	26.4	18.3	7.50	330	0	3.0	0.000	0.0	10.0	0.00	0.0	0								Yes			No		
187	TB-36/2	26.4	18.3	7.03	375	0	1.0	0.000	0.0	20.0	0.00	0.0	2								Yes			No		
188	TB-37	26.4	18.3	7.24	329	0	3.0	0.000	0.0	10.0	0.00	0.0	0								Yes			No		
189	TB-38/1	26.4	18.2	9.29	239	0	3.0	0.005	0.2	0.0	0.00	0.0	0								No			No		
190	TB-38/2	26.4	18.2	9.29	239	0	3.0	0.005	0.2	0.0	0.00	0.0	0								No			No		
191	TB-39	26.6	18.0	7.77	336	0	1.5	0.000	0.2	5.0	0.00	0.0	2							16	No			No		
192	TB-40/1	26.4	18.3	7.35	355	0	0.8	0.000	2.0	0.0	0.10	0.0	0								No			No		
193	TB-40/2	26.4	18.3	7.35	355	0	0.8	0.000	2.0	0.0	0.10	0.0	0								No			No		
194	TB-41	22.2	18.3	7.14	255	0	1.5	0.000	0.2	45.0	0.00	0.0	0								Yes	Housed in iron sheet louver		No		
195	TB-42	21.8	18.3	7.25	251	0	3.0	0.000	0.5	2.0	0.00	0.0	5								No			No		
196	TB-43	24.5	18.3	8.20	212	0	1.5	0.000	2.0	2.0	0.00	0.0	0								Yes			No		
197	SV-1	24.7	18.3	8.78	246	0	1.5	0.000	0.5	0.0	0.00	0.0	0								1			No		
198	SV-2	24.5	18.3	8.78	246	0	1.5	0.000	0.5	0.0	0.00	0.0	0								1			No		
199	SV-3	24.4	18.3	8.78	246	0	1.5	0.000	0.5	0.0	0.00	0.0	0								1			No		
200	SV-4/1	24.4	18.3	8.78	246	0	1.5	0.000	0.5	0.0	0.00	0.0	0								1			No		
201	SV-4/2	24.4	18.3	8.78	246	0	1.5	0.000	0.5	0.0	0.00	0.0	0								1			No		
202	SV-5	24.6	18.3	8.71	296	0	3.0	0.000	0.2	10.0	0.00	0.0	3								Yes	Fenced with trees		Yes		Yes
203	SV-7	24.8	18.3	8.89	182	0	3.0	0.000	0.0	10.0	0.00	0.0	0								1			No		
204	SV-8/1	25.1	18.3	8.56	201	0	0.8	0.000	0.2	5.0	0.00	0.0	0								Yes	The shallow well is within the liner course		Yes		Yes
205	SV-8/2	24.5	18.3	8.07	198	0	1.5	0.000	0.2	5.0	0.00	0.0	0								No			No		
206	SV-9	24.5	18.3	8.07	198	0	1.5	0.000	0.2	5.0	0.00	0.0	0								Yes	Fenced with trees		Yes		Yes
207	SV-10/1	24.5	18.3	8.24	241	0	1.5	0.000	0.2	10.0	0.00	0.0	0								1			Yes		Yes
208	SV-10/2	24.5	18.3	8.24	241	0	1.5	0.000	0.2	10.0	0.00	0.0	0								1			Yes		Yes
209	SV-11/1	24.2	18.3	8.10	187	0	0.8	0.000	0.2	10.0	0.00	0.0	0								Yes			Yes		Yes
210	SV-11/2	24.2	18.3	8.10	187	0	0.8	0.000	0.2	10.0	0.00	0.0	0								Yes			Yes		Yes
211	SV-11/3	24.8	18.3	7.85	219	0	0.8	0.000	0.2	10.0	0.00	0.0	0								No			No		No
212	SV-11/4	24.8	18.3	7.59	361	0	3.0	0.000	0.2	2.0	0.00	0.0	0								No			No		No
213	SV-12/1	24.8	18.3	7.59	361	0	3.0	0.000	0.2	2.0	0.00	0.0	0								No			No		No
214	SV-12/2	24.8	18.3	7.48	142	0	3.0	0.000	0.5	1.5	0.00	0.0	0								Yes			No		No
215	SV-14/2	23.0	18.3	8.80	146	0	1.5	0.000	0.2	2.0	0.00	0.0	0								Yes			Yes		No
216	SV-15/1	23.0	18.3	8.80	146	0	1.5	0.000	0.2	2.0	0.00	0.0	0								Yes			Yes		No
217	SV-15/2	23.0	18.3	8.80	146	0	1.5	0.000	0.2	2.0	0.00	0.0	0								Yes			Yes		No
218	SV-16/1	23.1	18.3	8.29	140	0	1.5	0.000	0.8	5.0	0.00	0.0	19								Yes			Yes		No
219	SV-16/2	24.1	18.3	8.70	156	0	1.5	0.000	0.0	20.0	0.00	0.0	0								Yes			Yes		No
220	SV-18/1	23.2	18.3	8.37	127	0	1.5	0.000	0.5	5.0	0.00	0.0	0								Yes			Yes		No
221	SV-18/2	23.2	18.3	8.37	127	0	1.5	0.000	0.5	5.0	0.00	0.0	0								Yes			Yes		No
222	SV-19	23.2	18.3	7.77	256	0	1.5	0.000	0.2	5.0	0.00	0.0	0								No			Yes		No
223	SV-20	23.2	18.3	7.69	156	2	0.0	0.000	0.0	20.0	0.20	0.0	0								Yes	Fenced with trees		Yes		No
224	SV-20/1	23.2	18.3	7.69	156	2	0.0	0.000	0.0	20.0	0.20	0.0	0								Yes			Yes		No
225	SV-21/1	23.2	18.3	7.69	156	2	0.0	0.000	0.0	20.0	0.20	0.0	0								Yes			Yes		No
226	SV-21/2	23.2	18.3	7.69	156	2	0.0	0.000	0.0	20.0	0.20	0.0	0								Yes			Yes		No
227	SV-22/1	23.2	18.3	7.52	184	0	1.5	0.000	0.5	45.0	0.00	0.0	0								Yes			Yes		No
228	SV-22/2	23.2	18.3	7.52	184	0	1.5	0.000	0.5	45.0	0.00	0.0	0								Yes			Yes		No
229	SV-25/1	23.0	18.3	7.93	153	0	1.5	0.000	0.5	10.0	0.00	0.0	11								Yes			Yes		No
230	SV-25/2	23.0	18.3	7.93	153	0	1.5	0.000	0.5	10.0	0.00	0.0	11								Yes			Yes		No
231	SV-26/1	24.1	18.3	8.53	226	0	1.5	0.000	0.2	1.0	0.00	0.0	0								Yes			Yes		No
232	SV-26/2	24.2	18.3	8.53	226	0	1.5	0.000	0.2	1.0	0.00	0.0	0								Yes			Yes		No
233	SV-27/2	24.2	18.3	8.02	208	0	1.5	0.000	0.2	1.0	0.00	0.0	0								Yes</					

Inventory Survey Result (11/21)

Well No.	NYS No.	Number	Water Quality											Faucet Type				Hygiene Conditions								
			Temp (°C)	EC (µS/cm)	pH	ORP (mV)	Ca (mg/L)	Mg (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coldform	Knock (with spacer)	Open (no-vent)	Handpump	Private	Others	Flow around BPT	Comment	Dis. Nearest Toilet (m)	Comment	Drainage around the faucet	Comment			
237	SV-31	SV-31	23.7	21.9	7.16	360	0	1.5	0.000	0.2	5.0	0.00	0.0	0.0	11	No	1	Yes	No	The well is within a meter course. It is flooded.	40					
238	SV-32	SV-32	24.0	72.3	7.47	167	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes	1	Yes	No					Yes		
239	SV-33	SV-33	22.0	124.9	7.41	212	0	1.5	0.000	0.2	20.0	0.00	0.0	0	0	Yes	1	Yes	No					Yes		
240	SV-34	SV-34	25.5	10.8	6.83	289	0	0.4	0.000	0.5	0.00	0.00	0.0	0	0	No	1	No	No					No		
241	SV-35	SV-35														No		No	No	Currently not used.					No	
242	SV-36	SV-36														No		No	No						No	
243	SV-301	SV-301	22.2	68.3	6.78	259	0	0.8	0.000	0.2	45.0	0.00	0.0	0	0	No		No	No						No	
244	SV-352	SV-352	22.8	69.9	6.89	285	0	1.5	0.000	0.4	10.0	0.05	0.0	0	0	No		No	Easy to get contaminated and polluted						No	
245	SV-37	SV-37	22.9	58.3	7.74	240	0	3.0	0.000	0.2	10.0	0.00	0.0	0	0	No		No							No	
247	SV-39	SV-39														Yes		Yes								Yes
248	SV-40	SV-40	22.3	44.1	6.85	265	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes		Yes								Yes
249	SV-41	SV-41	22.0	81.3	7.14	249	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes		Yes								Yes
250	SV-42	SV-42	21.6	28.1	7.41	150	0	0.8	0.000	0.2	5.0	0.00	0.0	0	0	Yes		Yes								Yes
251	SV-43	SV-43	21.8	91.1	7.43	143	0	1.5	0.000	0.2	20.0	0.00	0.0	0	0	No		Yes								Yes
252	SV-43	SV-43	21.8	91.1	7.43	143	0	1.5	0.000	0.2	20.0	0.00	0.0	0	0	No		Yes								Yes
253	SV-43	SV-43	21.8	91.1	7.43	143	0	1.5	0.000	0.2	20.0	0.00	0.0	0	0	No		Yes								Yes
254	SV-44	SV-44	22.8	28.7	7.77	234	0	0.8	0.000	0.2	2.0	0.00	0.0	0	0	Yes		Yes								Yes
255	SV-45	SV-45	21.9	160.3	7.42	235	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes		Yes								Yes
256	SV-45	SV-45	21.9	160.3	7.42	235	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes		Yes								Yes
257	SV-46	SV-46	23.1	11.9	6.77	206	0	1.5	0.000	0.5	10.0	0.00	0.0	0	0	Yes		Yes								Yes
258	SV-47	SV-47	22.9	57.1	6.17	192	0	3.0	0.000	0.2	20.0	0.00	0.0	0	0	Yes		Yes								Yes
259	SV-48	SV-48	22.3	58.7	7.15	258	0	3.0	0.000	0.0	20.0	0.00	0.0	0	0	Yes		Yes								Yes
260	SV-48	SV-48	21.7	141.1	7.57	271	0	1.5	0.000	0.2	45.0	0.00	0.0	0	0	Yes		Yes								Yes
261	SV-50	SV-50	21.7	140.2	7.12	258	0	3.0	0.000	0.2	20.0	0.00	0.0	0	0	Yes		Yes								Yes
262	SV-51	SV-51	27.8	94.7	6.80	379	0	1.5	0.000	0.2	20.0	0.00	0.0	0	0	Yes		Yes								Yes
263	SV-52	SV-52	29.8	175.9	7.80	278	0	1.5	0.000	0.2	20.0	0.00	0.0	0	0	Yes		Yes								Yes
264	SV-53	SV-53	21.9	56.8	6.97	230	0	0.4	0.000	0.0	0.0	0.00	0.0	0	0	No		No								Yes
265	SV-53	SV-53	21.2	68.5	7.70	240	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes		Yes								Yes
266	SV-54	SV-54	21.2	68.5	7.70	240	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes		Yes								Yes
267	SV-55	SV-55	23.5	76.4	7.73	232	0	1.5	0.000	0.5	10.0	0.00	0.0	0	0	Yes		Yes								Yes
268	SV-57	SV-57	21.1	5.5	7.71	111	0	3.0	0.000	0.4	2.0	0.00	0.0	0	0	Yes		Yes								Yes
269	SV-58	SV-58	23.4	167.5	7.10	3	0	1.5	0.005	0.2	10.0	0.00	0.0	0	0	No		No								Yes
270	SV-58	SV-58	23.4	167.5	7.10	3	0	1.5	0.005	0.2	10.0	0.00	0.0	0	0	No		No								Yes
271	SV-58	SV-58	23.4	167.5	7.10	3	0	1.5	0.005	0.2	10.0	0.00	0.0	0	0	No		No								Yes
272	SV-59	SV-59	21.9	103.6	4.76	237	0	1.5	0.000	0.2	45.0	0.10	0.0	0	0	Yes		Yes								Yes
273	SV-51	SV-51	27.5	120.3	7.39	242	0	1.5	0.000	0.2	45.0	0.00	0.0	0	0	No		No								Yes
274	SV-61	SV-61	27.5	133.6	6.48	97	0	3.0	0.000	0.2	20.0	0.00	0.0	0	0	Yes		Yes								Yes
275	SV-61	SV-61	27.5	133.6	6.48	97	0	3.0	0.000	0.2	20.0	0.00	0.0	0	0	Yes		Yes								Yes
276	SV-62	SV-62	28.2	159.2	7.02	196	0	1.0	0.000	0.2	45.0	0.00	0.0	0	0	No		No								No
277	SV-62	SV-62	28.2	159.2	7.02	196	0	1.0	0.000	0.2	45.0	0.00	0.0	0	0	No		No								No
278	SV-63	SV-63	26.7	170.8	7.28	267	0	3.0	0.000	0.2	45.0	0.00	0.0	0	0	Yes		Yes								No
279	SV-63	SV-63	26.7	170.8	7.28	267	0	3.0	0.000	0.2	45.0	0.00	0.0	0	0	Yes		Yes								No
280	SV-63	SV-63	29.0	193.2	7.46	233	0	5.0	0.000	0.5	20.0	0.00	0.0	0	0	Yes		Yes								No
281	SV-64	SV-64	27.7	108.3	7.60	236	0	1.5	0.000	0.2	45.0	0.05	0.0	0	0	Yes		Yes								Yes
282	SV-64	SV-64	27.7	108.3	7.60	236	0	1.5	0.000	0.2	45.0	0.05	0.0	0	0	Yes		Yes								Yes
283	SV-65	SV-65	22.0	224.0	6.83	307	0	1.5	0.000	0.5	20.0	0.00	0.0	0	0	Yes		Yes								Yes
284	SV-67	SV-67	20.9	160.2	7.14	222	0	1.5	0.000	0.2	10.0	0.00	0.0	0	0	Yes		Yes								Yes
285	SV-68	SV-68	25.6	144.7	7.75	62	0	3.0	0.000	0.5	45.0	0.00	0.0	0	0	Yes		Yes								Yes
286	SV-69	SV-69	27.7	191.7	7.59	75	0	1.5	0.000	0.2	5.0	0.00	0.0	0	0	Yes		Yes								Yes
287	SV-69	SV-69	27.9	104.8	5.10	183	0	1.0	0.000	0.4	20.0	0.05	0.0	0	0	Yes		Yes								Yes
288	SV-69	SV-69	24.9	63.3	6.71	290	0	1.5	0.000	0.5	10.0	0.00	0.0	0	0	Yes		Yes								Yes
289	SV-70	SV-70	28.2	131.4	7.21	269	0	1.5	0.000	0.4	20.0	0.00	0.0	0	0	Yes		Yes								Yes
290	SV-71	SV-71	24.5	25.7	5.10	151	0	5.0	0.000	0.2	25.0	0.00	0.0	0	0	Yes		Yes								Yes
291	SV-72	SV-72	30.6	116.8	7.28	134	0	1.5	0.000	0.2	20.0	0.00	0.0	0	0	Yes		Yes								Yes
292	SV-74	SV-74	29.1	114.4	7.61	233	0	1.5	0.000	0.5	10.0	0.05	0.0	0	0	Yes		Yes								Yes
293	SV-76	SV-76	24.0	144.0	7.29	229	0	1.5	0.000	0.2	5.0	0.05	0.0	0	0	Yes		Yes								Yes
294	SV-76	SV-76	24.0	144.0	7.29	229	0	1.5	0.000	0.2	5.0	0.05	0.0	0	0	Yes		Yes								

Inventory Survey Result (13/21)

Serial No.	NVS No.	Temperature (C)	pH	ORP (mV)	S (mg/L)	F (mg/L)	Al (mg/L)	NH4 (mg/L)	NO3 (mg/L)	Fe (mg/L)	Mn (mg/L)	Culfilm	Kiosk (with operation)	Open (no-penalty)	Handpump	Private	Others	Tank Capacity (m3)	Pump No per 25H	Hygiene Condition		Drainage around the pump	Component
																				Dis. Nearest Table (m)	Comment		
Water Quality:																							
Faucet Type:																							
382	DO-86	28.1	8.51	175	0	1.5	0.000	0.0	0.0	0.00	0.0	12						1	41	No		No	
383	DO-87																	1	40	No		No	
384	DO-88																	1	5	No		No	
385	DO-89	23.4	8.00	121	0	1.5	0.000	0.0	0.0	0.50	0.0	10		Yes			1	1	No		20	No	
386	DO-90	23.4	8.05	180	0	1.5	0.000	0.2	46.0	0.0	0.0	2		Yes			1	1	No		20	No	
387	DO-91	27.0	7.77	175	0	1.5	0.000	0.0	0.0	0.00	0.0	0		Yes			4	120	No		150	No	
388	DO-92	26.8	7.67	152	0	0.8	0.000	0.0	0.0	0.00	0.0	0		Yes			1	1	No		150	No	
389	DO-93	27.8	7.55	18	1	1.5	0.000	0.5	0.0	0.50	2.0	0		Yes			5	100	No		20	No	
390	DO-94	28.0	7.34	220	0	1.5	0.000	0.2	45.0	0.0	0.0	0		Yes			1	15	No		60	No	
391	DO-95	26.4	7.67	170	0	1.5	0.000	0.0	0.0	0.50	0.0	0		Yes			1	1	No		300	No	
392	DO-96	26.7	7.72	189	0	1.5	0.000	0.2	5.0	0.05	0.0	0		Yes			5	1000	Yes		1000	No	
393	DO-97	26.4	7.42	12	0	0.8	0.000	0.2	0.0	0.10	0.0	0					5	5	No		40	No	
394	DO-98																	4	5	No		20	No
395	DO-99	25.7	6.79	241	0	0.8	0.000	0.2	5.0	0.00	0.0	0		Yes			2	10	No		25	No	
396	DO-99	25.3	6.94	162	0	0.8	0.000	0.0	0.0	0.10	0.0	0					2	10	No		25	No	
397	DO-100	25.8	7.35	4	0	0.8	0.000	0.5	46.0	0.0	0.0	0		Yes			3	50	No		200	No	
398	DO-101	26.8	7.00	1	0	0.5	0.000	0.0	0.0	0.05	0.0	0		Yes			1	32	Yes		150	No	
399	DO-102	25.0	7.63	172	0	0.0	0.000	0.5	5.0	0.00	0.0	0		Yes			1	3.3	No		30	No	
400	DO-103	26.4	7.72	6	0	0.8	0.000	0.2	5.0	0.00	0.0	0		Yes			1	50	No		65	No	
401	DO-104	31.1	7.57	115	0	0.8	0.000	0.2	5.0	0.00	0.0	0		Yes			4	15	Yes		60	Yes	
402	DO-105																	1	1	No		30	No
403	DO-106	28.9	8.88	40	0	3.0	0.000	0.0	0.0	0.00	0.0	0		Yes			1	1	No		40	No	
404	DO-107																	10		No		No	No
405	DO-107																	10		No		No	No
406	DO-108																	5		No		20	Yes
407	DO-108																	5		No		20	Yes
408	DO-110																	3	50	No		40	No
409	DO-111	27.3	7.75	161	0	0.4	0.000	0.0	0.0	0.50	0.0	0		Yes			16		No		400	No	
410	DO-112	27.5	7.74	233	0	1.8	0.000	0.2	0.0	0.00	0.0	0					4	18.4	No		300	Yes	
411	DO-113	27.4	7.84	250	0	0.8	0.000	0.2	0.0	0.00	0.0	0					7	22.5	No		300	No	
412	DO-114	26.7	7.25	63	0	0.8	0.000	0.2	0.0	1.00	0.0	0		Yes			1	1	No		15	No	
413	DO-116-1																	1		No		40	No
414	DO-115-2																	2	45	No		250	No
415	DO-118	24.3	7.10	260	0	0.6	0.000	0.2	10.0	0.00	0.0	0		Yes			2	15	No		50	No	
416	DO-117	30.2	7.20	116	0	0.4	0.000	0.2	3.0	0.00	0.0	0		Yes			5	15	No		50	No	
417	DO-118	25.6	6.23	188	0	0.6	0.000	0.2	0.0	0.05	0.0	0		Yes			14	20	No		35	Yes	
418	DO-119																	1		No			
419	DO-120																	>25		Yes		30	
420	DO-121	27.8	7.07	41	0	0.8	0.000	0.2	0.0	0.50	0.0	0					1	1	No		40	No	
421	DO-122	24.8	7.11	14	0	0.8	0.000	0.2	10.0	0.00	0.0	20		No			1	2	No		150	No	
422	MN-1																			Yes		Yes	
423	MN-21	24.6	7.93	185	0	<1.5	0.000	0.0	0.2	0.0	0.0	0							Yes		Not in use, ceased. Water quality analysis not available.	200	Yes
424	MN-22	26.8	7.4	158	0	0.8	0.000	0.2	10	0.0	0.0	0							Yes		Not in use, ceased. Water quality analysis not available.	200	Yes
425	MN-18																			Yes		Yes	
426	MN-19	25	6.8	175	0	0.4	0.000	0.2	20	0.0	0.0	0		Yes					No		Yes		
427	MN-20	25.2	6.78	145	0	0.8	0.000	0.2	30	0.0	0.0	0		Yes					No		Yes		
428	MN-23																	45		Yes		>500	Yes
429	MN-24	25.8	6.85	151	0	0.6	0.000	0.2	5	0.0	0.0	0		Yes					No		25	No	
430	MN-25																			No		100	No
431	MN-26																			No		100	No
432	MN-27																			No		>1000	No
433	MN-28																			No		50	No
434	MN-29																			No		100	Yes
435	MN-31																			No		100	No
436	MN-31																			No		>1000	No
437	MN-32																			No		50	No
438	MN-33	26.2	7.32	150	0	1.5	0.000	0.2	5	0.05	0.0	0		Yes					No		100	Yes	
439	MN-34	23.8	6.84	156	0	0.4	0.000	0.2	20	0.0	0.0	0		Yes					No		100	Yes	
440	MN-35	23.8	6.84	170	0	0.8	0.000	0.2	20	0.0	0.0	0		Yes					Yes		150	Yes	
441	MN-36	22.3	7.21	170	0	0.8	0.000	0.2	20	0.0	0.0	0		Yes					No		20	No	
442	MN-37	24.2	7.29	67	0	1.5	0.000	0.2	5	<0.05	0.0	0		Yes					Yes		Abandoned	300	Yes
443	MN-38	24	7.34	160	0	1.5	0.000	0.2	5	0.0	0.0	0		Yes					No		25	No	
444	MN-40	23.8	7.34	160	0	1.5	0.000	0.2	5	0.0	0.0	0		Yes					No		120	Yes	
445	MN-41																			No		Yes	
446	AR-1																			No		Yes	
447	AR-2																			No		Yes	
448	AR-2																			No		Yes	
449	AR-2/2	23.2	7.6	227	0	3	0.000	0.2	0	0.0	0.0	0		Yes					No		60	Water taken from direct pumping.	
450	AR-2/2	22.1	7.39	196	0	3	<0.10	10	5	0.0	0.0	0		Yes					No		No label seen around.	No	
451	AR-12	23.9	6.8	170	0	0.8	0.000	0.2	0	0.0	0.0	0		Yes					No		70	Yes	
452	AR-13	25.3	6.73	221	0	0.8	0.000	0.2	10	0.05	0.0	0		Yes					No		100	Yes	
453	AR-16	21.1	7.43	158	0	1.5	0.000	0.2	5	0.05	0.0	0		Yes					No		100	No	
454	AR-16																			No		Yes	

Inventory Survey Result (14/21)

Serial No.	INVR-No.	Water Quality										Fusset Type					Hygiene Condition			Drainage around the toilet	Comment				
		Temperature (°C)	MC (0.5M)	pH	ORP (mV)	S (mg/L)	F (mg/L)	As (mg/L)	NH ₄ (mg/L)	NO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Coliform	Kocak (with detergent)	Open (no-sponsor)	Handpump	Private	Others	Fluoride No per BHT			Toilet Capacity (m ³)	Fence around BHT	Comment	Dis. Nearest Toilet (m)
456	AR-18	28.4	198.7	7.26	157	0	0.5	0	0.2	1	0	0	0							No					
457	AR-20	26.4	96.5	7.4	170	0	1.5	0	0.2	1	0	0	0							No					
458	AR-21	30.0	96	7.81	189	0	0.8	0	0.5	1	0	0	0							No					
459	AR-22	28.5	95.3	7.7	217	0	0.8	0	0.2	5	0	0	0							No					
460	AR-23	27.4	133.5	7.19	119	0	0.8	0	0.2	0	0	0	0							No					
461	AR-24	27	133.2	7.16	55	0	0.8	0	0.2	0	0	0	0							No					
462	AR-25	27.4	181.9	7.97	86	0	1.5	0	0.2	1	0	0	0							No					
463	AR-26	27.4	181.9	7.97	86	0	1.5	0	0.2	1	0	0	0							No					
464	AR-28																			No					
465	AR-29																			No					
466	AR-30																			No					
467	AR-31																			No					
468	AR-32																			No					
469	AR-33	18.5	14.46	6.48	85	0	0.4	0	0.2	1	0.5	5	0						No					Farm. no toilet	
470	AR-34																			No					

Inventory Survey Result (15/21)

Serial No.	RVNS No	Village Condition										Other Water Sources				Remarks
		Users No	Quantity	Dam	River	Stream	Spring	Borehole	Dug well	Shallow well	Water hole	Pond	Rain water	Others		
1	56-1	3,600	10,800	1	2					1/3				At the moment a handpump is used as the engine is not working		
2	56-2	2,786	481											Abandoned well. Engine stolen		
3	56-4	1,200	4,800	1	6	2	17	2/3		2				No wells at all. They get water from nearby village called Insoat (BH 175569)		
4	56-3	3,190	3,414	1	2/3	1	2/3	1						Engine was stolen. They replaced it by a hand pump.		
5	56-5	2,800	1,287	2	4	4	47	1	2/2					Borehole specification from BH Letter. No records		
6	56-8	2,800	1,287	2	4	4	47	1	2/2					This is a replacement of BH 20077. Vaseline not working. Pic No 55		
7	56-7	9,989	12,130	1					5/10							
8	56-8	200	1,286	2			3/3							This is a replacement of BH 11792 which is now dead and abandoned shallow well		
9	56-9	2,903	2,465				1/2	3/3						Pic No 62		
10	56-10	2,090	2,900	1			1/3	1						The well is a small one and the top well has a hand pump. Pic No 76. Borehole specification from BH Letter. No records at DUES office.		
11	56-11	1,850	1,150	1			1/3	1						Pic No 103		
12	56-12	2,850	2,240	2			2/2	1						Pic No 79		
13	56-13	1,200	1,200	1			0/1							The well is not working, engine was stolen and when they got a new one they found the well has gone down. They now get water from neighbouring village.		
14	56-14	2,105	1,400	1	1	1	3/3							Pic No 98		
15	56-15	1,955	1,955	1	3	1	7/7	2/2						BS from BH Letter. No records		
16	56-16	300	300	2			0/2	4/6						The BH is filled with sand and stones. Replaced by BH 6551-93. See next row.		
17	56-17	1,850	1,850	1	3	2/3	2/3	4/4						This is a replacement of BH 19676. Pic No 69		
18	56-18	2,750	2,035	1	1	2	2/2	5/7						Agent from Mwanetsi also supplies water to a hospital. Pic No 60		
19	56-19	2,750	2,035	1	1	2	2/2	5/7						This is a replacement of BH 14698. Pic No 59		
20	56-19	2,750	2,035	1	1	2	2/2	5/7						Complete investigation this morning. Pic No 62		
21	56-20	1,200	1,200	2			7/7	3						The water quality are from a medium horizon which is a replacement of BH 19877. The BH was drilled then sealed without installing neither engine nor pump. "hand pump with SEMA 2001 07".		
22	56-21	4,995	4,995	1	2		3/11	1/3						The Boreholes mentioned are medium boreholes. Pic No 61		
23	56-22	6,245	6,245	1	2		2/2	1/3						Pic No 72		
24	56-23	2,920	2,920	1	2		0/1	2/2						The well has been abandoned due to defective engine. No alternative. All neighbouring villages have been surveyed. Pic No 74.		
25	56-24	4,300	4,100	1	1	4	1/1	2/2						Formerly used for citrus irrigation, currently not in use. Reabandoned see next row. Pic No 74.		
26	56-25	4,300	4,100	1	1	4	1/1	2/2						This is a medium borehole which means BH 27676. Pic No 71		
27	56-26	1,795	1,150	3			0/1	1/5						Abandoned Borehole within the same locality of the village. Pic No 76		
28	56-26	1,795	1,150	3			0/1	1/5						The hand pump is sealed, couldn't see Static Water Level. Pic No 77		
29	56-27	468	500	3			18	0/1	2/8					The BH is dead and abandoned. Pic No 64. Reabandoned see next row.		
30	56-27	468	500	3			18	0/1	2/8					This is a replacement of BH 18970. Pic No 85		
31	56-27	468	500	3			18	0/1	2/8					The Borehole mentioned one medium borehole. Pic No 87. New dam to be constructed through PADEP.		
32	56-28	510	510	2			7/7	3						Pic No 88. BS from BH Letter. No records from Water Department office.		
33	56-29	3,640	3,640	1	1		1/2	1/5						This is a replacement for BH 1767 when it was abandoned. Pic No 89. The top of the village set water from Ushira and Mwanetsi villages.		
34	56-30	420	420	1	1		1/5	3						Pic No 89. Village do not know about BH 15069		
35	56-31	4,900	7,900	1	1	1	2/1	20						Pic No 91. This is replacement of BH 10989 which is filled with sand and stones. Usage and Maintenance villagers also use this water source.		
36	56-32	7,000	7,000	1	1	2	1/2	5						Pic No 93		
37	56-33	3,650	382	1	1	2	2/4	5						Pic No 93		
38	56-34	382	382	1	1	2	2/4	5						No wells at all. Nearest well is at Ushira village (SC 34) which is corrupted		
39	56-35	2,850	2,850	1	1		4/4	3						Users number includes users from a school and a Teachers' College		
40	56-36	2,850	2,850	1	1		4/4	3						Pic No 105		
41	56-37	3,700	3,720	3			1/2	0/2						Pic No 102. No wells, available wells, all after January 2005. No alternative. Nearby villages Kalambo and Mwanza also have no wells. No water, pump removed.		
42	56-38	2,133	2,318	1	3		2/4	4						Pic No 106		
43	56-39	2,614	2,614	1	1		2/4	4						No wells at all. Nearest well is at Ushira village (SC 34) which is corrupted		
44	56-40	3,833	3,833	1	1		2/4	4						Pic No 109. BH 10374 was drilled but not working		
45	56-41	3,811	3,820	1	2		3/10	6/8						Pic No 109. BH 10374 was drilled but not working		
46	56-41	3,811	3,820	1	2		3/10	6/8						This is a replacement of BH 20073. It supplies Kombob town.		
47	56-42	1,260	1,260	1	1		1/1	3						Pic No 101		
48	56-43	2,158	1,260	1	1		1/1	3						The village Shilali in Nkwana ward (SC 44) has no wells. This is its replacement. Pic No 99		
49	56-44	2,454	3,465	1	1		1/1	4/7						No wells at all. No alternative. Nearby villages have been surveyed		
50	56-45	1,400	1,400	1	1		1/1	4/7						No wells at all. No alternative. Nearby villages have been surveyed		
51	56-47	616	1,420	1	1		3/3	2						Dead and abandoned. No wells. No alternative		
52	56-48	480	600	1	1		1/1	6						In the Mahuruu village there are no wells at all. This is its replacement.		
53	56-48	480	600	1	1		1/1	6						The BH specification from BH Letter are from Office records		
54	56-50	2,000	10,000	2			2	3						2 Boreholes out of 4 are not working. Pic No 29		
55	56-51	3,000	1,540	2			4	4						There are 3 Boreholes, one is engine driven, another a windmill and the last one was drilled but found dry. All are in one location. Pic Nos 16, 17 & 18		
56	56-52	7,363	985	1	1	2	3	2						The tank is filled once per day and is used to complete employees		
57	56-53	7,363	985	1	1	2	3	2						This BH pump is defective, completely sealed. No alternative sources. The nearest is Sambaru village Pic No 15		
58	56-54	700	700	1	1	2	1	1						The BH pump is defective, completely sealed. No alternative sources. The nearest is Sambaru village Pic No 15		
59	56-55	2,500	700	1	1	2	1	1						It is a handpump with a motor. No records from BH Letter. Pic No 15472		
60	56-56	2,750	501	1	1	4	4	2						Only 1 Borehole is working using a windmill. Couldn't get water sample. Pic No 4 (abandoned well)		
61	56-57	2,750	501	1	1	4	4	2						No water		
62	56-58	2,750	501	1	1	4	4	2						Well not in use due to defective pipes. Pic No 45		
63	56-60	7,558	8,015	1	2	1	1	1			1/20 at school			This dam is dry and water from the borehole is salty, not suitable for drinking. Pic No 42. Pic No 43 (BH and BH abandoned)		
64	56-61	7,558	8,015	1	2	1	1	1			1/20 at school			This is a replacement for 56-61		
65	56-61	7,558	8,015	1	2	1	1	1			1/20 at school			This is a replacement for 56-61		
66	56-62	4,926	7,980	2	1	1	1	3						4 Boreholes within one compound. 2 are dry. Submersible pump, couldn't open the well		
67	56-63	4,926	7,980	2	1	1	1	3						The Borehole is now abandoned. No pump, no engine, filter with sand. Alternative water source is next village, Kinkiki. Pic No 22		
68	56-64	4,398	1,848	1			1	1						Borehole filled with sand and stones		
69	56-65	2,589	1,848	1			1	1						Borehole filled with sand. Pic No 29		
70	56-66	3,000	30,000	1			1	1						Drilled 60 m, no water. No alternative wells. Pic No 25		
71	56-66	3,000	30,000	1			1	1						The other Borehole is said to have early water. Pic No 29		
72	56-67	1,676	2,589	2			2	5						Now not working. Villagers get water from the pump house.		
73	56-68	1,676	2,589	2			2	5						4 out of 5 Boreholes are dry and all 10 water holes are also dry		
74	56-69	1,640	655	1			1	1						No wells at all. They depend on Kinkiki which is also dry		
75	56-70	3,775	1,750	1	4		2	2						All 4 Dug wells are dry. Pic No 30		
76	56-71	3,900	14,000	1	1	4	2	2						No pump, no engine, but the church has a well		
77	56-72	3,900	14,000	1	1	4	2	2						No pump, no engine, but the church has a well		
78	56-73	4,158	2,620	1	1	2	2	2						No pump, no engine, but the church has a well		

Inventory Survey Result (16/21)

Serial No.	NYS No.	Village Condition		Other Water Resources										Rain water	Other	Remarks
		User No.	Quantity	Dam	River	Streams	Spring	Borehole	Dug well	Shallow well	Water hole	Ford				
80	56278															No pump, no casing, no superstructure. Pic No 38
81	56278															No pump, casing, no alternative well
82	56277			5	1	3										The Pump house was filled with trash, impossible to get water sample. Pic No 1
83	56278	6,000			2											2 Villages and a technical school depend on this water supply. Villages are no longer receiving water from this borehole. Pic No 7
84	56278			1	4											New Borehole 1, tank capacity is for the old BH. New borehole is not used well. Pic No 8
85	56280															2 out of 4 Dug wells are not working. Pic No 7
86	56280	3,022														2 out of 4 Boreholes are not working. Pic No 22 & 23
87	56281	275														This Borehole is a replacement of Mpanza Village Borehole No 471 (same next row). Pic No 22 & 23
88	56282	2,777														The Borehole is not working since 1972. Pic No 21
89	56282	4,000														2 out of 3 Boreholes are not working. Pic No 15 & 16
90	56283	3,807														2 out of 3 Boreholes are not working. Pic No 15 & 16
91	56283	1,000														2 out of 3 Boreholes are not working. Pic No 15 & 16
92	56283	2,480														2 out of 3 Boreholes are not working. Pic No 15 & 16
93	56285	2,480														2 out of 3 Boreholes are not working. Pic No 15 & 16
94	56286	4,000														Four villages are using the Borehole
95	56287	3,410														The Borehole is not working as it has no pump. Pic No 17
96	56287	1,850														The Borehole is not working. It requires pump needs replacement of oil filter and oil seal. Pic No 18
97	56289	1,850														The Borehole is not working and the line mentioned is seasonal. Pic No 26
98	56291	> 4000														The Borehole is not working. The dam and pond mentioned are all dry.
99	56292	250														The line mentioned is seasonal and 2 out of 3 Boreholes are not working.
100	56292	250														Not working for 18 years. Borehole shallow. Pic No 50
101	56293	1,130														Not working for 18 years. Borehole shallow. Pic No 50
102	56293	3,650														Not working for 18 years. Borehole shallow. Pic No 50
103	56295	8,000														Not working for 18 years. Borehole shallow. Pic No 50
104	56296	5,000														Not working for 18 years. Borehole shallow. Pic No 50
105	56297	3,500														Not working for 18 years. Borehole shallow. Pic No 50
106	56298	3,000														Not working for 18 years. Borehole shallow. Pic No 50
107	56298	1,000														Not working for 18 years. Borehole shallow. Pic No 50
108	56299	472														Not working for 18 years. Borehole shallow. Pic No 50
109	56300	3,448														Not working for 18 years. Borehole shallow. Pic No 50
110	56302	750														Not working for 18 years. Borehole shallow. Pic No 50
111	56303	4,680														Not working for 18 years. Borehole shallow. Pic No 50
112	56304	1,000														Not working for 18 years. Borehole shallow. Pic No 50
113	56305	1,850														Not working for 18 years. Borehole shallow. Pic No 50
114	56306	1,850														Not working for 18 years. Borehole shallow. Pic No 50
115	56307	10,000														Not working for 18 years. Borehole shallow. Pic No 50
116	56308	10,000														Not working for 18 years. Borehole shallow. Pic No 50
117	56309	10,000														Not working for 18 years. Borehole shallow. Pic No 50
118	56310	10,000														Not working for 18 years. Borehole shallow. Pic No 50
119	56311	3,500														Not working for 18 years. Borehole shallow. Pic No 50
120	56311	1,245														Not working for 18 years. Borehole shallow. Pic No 50
121	56311	4,900														Not working for 18 years. Borehole shallow. Pic No 50
122	56314	> 2000														Not working for 18 years. Borehole shallow. Pic No 50
123	56315	500														Not working for 18 years. Borehole shallow. Pic No 50
124	56316	600														Not working for 18 years. Borehole shallow. Pic No 50
125	56316	3,557														Not working for 18 years. Borehole shallow. Pic No 50
126	56317															Not working for 18 years. Borehole shallow. Pic No 50
127	56318															Not working for 18 years. Borehole shallow. Pic No 50
128	56320	360														Not working for 18 years. Borehole shallow. Pic No 50
129	56321	360														Not working for 18 years. Borehole shallow. Pic No 50
130	56322	4,900														Not working for 18 years. Borehole shallow. Pic No 50
131	56322	3,400														Not working for 18 years. Borehole shallow. Pic No 50
132	56322	4,000														Not working for 18 years. Borehole shallow. Pic No 50
133	56324															Not working for 18 years. Borehole shallow. Pic No 50
134	56325	700														Not working for 18 years. Borehole shallow. Pic No 50
135	56326	550														Not working for 18 years. Borehole shallow. Pic No 50
136	56327	200														Not working for 18 years. Borehole shallow. Pic No 50
137	56328	250														Not working for 18 years. Borehole shallow. Pic No 50
138	56329	250														Not working for 18 years. Borehole shallow. Pic No 50
139	56330	350														Not working for 18 years. Borehole shallow. Pic No 50
140	56331	450														Not working for 18 years. Borehole shallow. Pic No 50
141	56332	450														Not working for 18 years. Borehole shallow. Pic No 50
142	56333	500														Not working for 18 years. Borehole shallow. Pic No 50
143	56334	500														Not working for 18 years. Borehole shallow. Pic No 50
144	56335	250														Not working for 18 years. Borehole shallow. Pic No 50
145	56336	200														Not working for 18 years. Borehole shallow. Pic No 50
146	56337	400														Not working for 18 years. Borehole shallow. Pic No 50
147	56338	450														Not working for 18 years. Borehole shallow. Pic No 50
148	56338	500														Not working for 18 years. Borehole shallow. Pic No 50
149	56340	500														Not working for 18 years. Borehole shallow. Pic No 50
150	TB-1															Piped water supply
151	TB-1	1,400														Piped water supply
152	TB-2															Piped water supply
153	TB-2															Piped water supply
154	TB-4	38,004														Piped water supply
155	TB-12															Piped water supply
156	TB-13	495														Piped water supply
157	TB-14															Piped water supply
158	TB-14															Piped water supply
159	TB-152	2,000														Piped water supply
160	TB-16															Piped water supply
161	TB-17															Piped water supply
162	TB-18															Piped water supply
163	TB-19															Piped water supply
164	TB-20															Piped water supply
165	TB-21/1															Piped water supply

Inventory Survey Result (17/21)

Serial No.	INVS No.	User No.	Village Condition		Dam	River	Streams	Spring	Borehole	Dug well	Other Water Resources			Remarks
			Quantity	Water table							Shallow well	Water hole	Pond	
186	TB-21/2													Abandoned due to stones in the well
187	TB-22/1				1				20					Abandoned dug well. Pump broken. Water from Dam wells is not used for drinking. Pic No 129
188	TB-22/2													It is the corner of the well. The well is damaged. Pump damaged since 2004. The water quality is of exceptional good. Well Pic No 133
189	TB-23				1									Pic No 119
170	TB-24								6		4			Pic No 120
171	TB-25													Dug well Pic No 121. BPH No 52089 is not known in the village
172	TB-26								6	1				Pic No 128. The pump is damaged / broken
173	TB-27													The pump was stolen. Pic No 129
174	TB-28													Abandoned well.
175	TB-29/1													Shallow well. Pic No 118
176	TB-29/2													Pic No 138
177	TB-30							12						Flood water supply.
178	TB-31													Pic No 149. Used by Hospital only.
179	TB-32													Pic No 143. Abandoned well. Replaced by the well of Mochlis sub village.
180	TB-33/1													Pic No 144. Replacement of Pitangit
161	TB-33/2							1						Pump broken three weeks ago. Pic No 146
162	TB-34/1													Abandoned Borehole
163	TB-34/2													Pic No 145
164	TB-35/1													Abandoned Borehole
166	TB-35/2				1									The well is almost dry. Pic No 140
168	TB-36/1													Abandoned well. Pic No 139
187	TB-36/2													
188	TB-37				1									Pic No 141
189	TB-38/1													Replacement of Nela
190	TB-38/2													It is believed to be the location of Borehole no. 124/78
191	TB-39								8					The BPH is used by Nela Teachers' College. Pic No 111
192	TB-40/1							1		20 (Hospital)				It is said to have never existed
193	TB-40/2							15						Replacement of Bomba.
194	TB-41													Does not operate since 2005
195	TB-42								4					
196	TB-43								4					
197	SV-1													
198	SV-2				1						2			The water quality is from a pond. They get water from neighbouring village called Mwalimbi. The 2 ponds mentioned are seasonal.
199	SV-3													Abandoned, damaged pump. Water quality date is of Suingwa Dam which is the main water source for the village
200	SV-4/1													The well has been abandoned. No any well in the ward. Pic No 152
201	SV-4/2													Abandoned well. Replaced by Mwalima village BPH
202	SV-5													Pic No 9. Replacement of Kungwa village BPH No 890.
203	SV-7													Shallow well. Pic No 7
204	SV-8/1													Replacement of Mwalima village. Pic No 11.
205	SV-8/2													Abandoned well.
206	SV-9													Pic No 2. No any shallow or deep well in the ward.
207	SV-10/1													Pic No 153. Shallow well
208	SV-10/2													Abandoned well. Pipe fall in the well and they failed to fish them out. Pic No 154.
209	SV-11/1													Pic No 125. Shallow well
210	SV-11/2													Abandoned well. Pic No 4
211	SV-11/3													Pic No 5
212	SV-12													Shallow well. Pic No 6
213	SV-13													Pic No 10
214	SV-14/1													Pic No 3. Abandoned well. They uninstalled the pumps due to fear of theft. Water is believed to be seepage from the river bed.
215	SV-14/2													Pic No 36
216	SV-15/1													Pic No 24
217	SV-15/2													On site (Naramadethi river)
218	SV-16/1													Pic No 26. In the lake. On site.
219	SV-16/2				2				4					Pic No 27. Replacement of BPH No 296/2
220	SV-17										1			Pic No 20
221	SV-18/1													Abandoned due to excess salinity. Pic No 22
222	SV-18/2													Replacement of Mwalima BPH No 542/3/2
223	SV-19													Pic No 21
224	SV-20													Pic No 37
225	SV-21/1													Abandoned 2 white bore. Pump broken down
226	SV-21/2													Pic No 31
227	SV-22													Pic No 32. Urban source
228	SV-24													Pic No 34
229	SV-25/1													Pic No 31
230	SV-25/2													Pic No 32
231	SV-26/1													Abandoned. Pic No 12
232	SV-26/2													Pic No 13. Shallow well
233	SV-27										2			Shallow well. Pic No 19.
234	SV-28													
235	SV-29													Pic No 17. Shallow well
236	SV-30													Pic No 15. Shallow well
237	SV-31													

Inventory Survey Result (18/21)

Serial No.	Number	Village Condition	Other Water Resources										Remarks		
			UYST No.	Quantity	Dam	River	Streams	Spring	Handhole	Dug well	Shallow well	Water hole		Well	Flat water
237	SV-31					1									It is not currently used. People use river and rain water. Pic No 14
238	SV-32	20,000													Pic No 16
239	SV-33	1,000													Pic No 85
240	SV-34	3,200							Several	3					Abandoned and there is no other well. It collapsed in the 1960s
241	SV-35														Pic No 85. Out of use since 2003. No replacement for Lybauaki
242	SV-36														Abandoned and there is no other well.
243	SV-36/1														New. Still under construction. Dilling already completed. Pic No 24
244	SV-36/2														Abandoned. No longer a BH. changed to Shallow well in 1965. All 2 Shallow wells maintained have no pumps and are dry. Pic No 97
245	SV-37	Not in use								2					Still under construction. drilling is already completed.
246	SV-38														Shallow well. abandoned as there is no water in the well. Pic No 93
247	SV-39				1										Replacement of Motorbike.
248	SV-40	7,000						2							Abandoned. Pic No 102
249	SV-41/1														Pic No 101
250	SV-41/2							13							Pic No 99
251	SV-42	12,000													Pic No 100. Shallow well
252	SV-43									2					Abandoned
253	SV-43/2	3,500													According to the information from the village the borehole was never constructed. Even the explanation site is not known. Pic No 91
254	SV-44	2,400	1					several							Renforced by a concrete at Pandakapiza vilana
255	SV-45/1	1,400													Pic No 89
256	SV-45/2	1,400													Pic No 90
257	SV-46	3,000						1							Pic No 88
258	SV-47	12,000						3		15					Pic No 104
259	SV-48	2,600						2		2					Currently not in use. pump damaged. Pic No 103
260	SV-49	1,000								4/8					Pic No 85
261	SV-50														Pic No 85
262	SV-51	7,200													Abandoned. No longer exists
263	SV-52	200,000													Shallow well. Pic No 107
264	SV-53/1	8,400													Pic No 55. Shallow well
265	SV-53/2	200													Pic No 54
266	SV-54	400													Pic No 78 & 77
267	SV-55	2,800													Abandoned. Pic No 80
268	SV-57														Pic No 79. Shallow well
269	SV-58														Pic No 55
270	SV-59/1	200						76							Pic No 75
271	SV-59/2	100							1						Pic No 74
272	SV-60														Abandoned well. Not known whether it is Borehole No 14588 or 21180. Pic No 73
273	SV-61/1														Abandoned. Pic No 72
274	SV-61/2														Pic No 71
275	SV-61/3														Abandoned for state house. RCC's residence and the well is piped water system. Pic No 82
276	SV-62/1														The Borehole is supplying the whole Hospital. Pic No 61
277	SV-62/2														Shallow well. Pic No 69
278	SV-63	30,000													Shallow well. Pic No 89
279	SV-64	3,500													Pic No 52
280	SV-65	3,000								2					Pic No 51
281	SV-66	500								2					Pic No 65
282	SV-67	3,000													Pic No 66
283	SV-68	3,000													Pic No 70
284	SV-69	500													Pic No 87
285	SV-69	3,500													Shallow well. Pic No 88. Replacement of Borehole.
286	SV-69/1														Pic No 89
287	SV-69/2														Pic No 62
288	SV-69/3														Pic No 64
289	SV-70														Pic No 83
290	SV-71	2,800													The water is not drunk because it is too salty. Pic No 81
291	SV-72	400													Shallow well. Pic No 59
292	SV-74	3,500													Abandoned. Pic No 57
293	SV-75/1														Pic No 20
294	SV-75/2	600													Pic No 18
295	SV-76	4,000													Shallow wells
296	SV-78														Pic No 14
297	SV-79														Shallow wells. 4
298	DO-1	10,025													Pic No 25
299	DO-2	5,726								1					Pic No 24
300	DO-3	6,800													
301	DO-4	7,600													
302	DO-5	8,070													
303	DO-6	3,900													

Inventory Survey Result (1971)

Serial No.	Number	Village Classification		Other Water Resources										Remarks
		Users No.	Quantity	Dam	River	Stream	Spring	Borehole	Dug well	Shallow well	Water hole	Pool	Rain water	
304	DO-7	4,853	5,395											Pic No 19
305	DO-6													Pic No 27
306	DO-9	3,173	3,900											Pic No 19
307	DO-10	3,780	2,900											Pic No 27
308	DO-11	5,732	5,975											Pump broken Pic No 25
309	DO-12	3,780	3,900											Water resource from neighbor village + hand pump. Pic-3, 4
310	DO-13	3,184	4,646											Water resource from neighbor village. Pic-5
311	DO-14	4,524	5,465											Pump was broken in January 2006 Pic-20
312	DO-15	2,225	969											Pump is not installed. Pic-9
313	DO-16	4,465	280											Pic No 10
314	DO-17	1,626	300											Pump broken. Borehole sealed. Pic No 1
315	DO-18	4,132	2,652											Pic No 2
316	DO-19	4,432	3,544											Pump broken for more than 10 years. Pic No 3
317	DO-20	8,865	6,070											Pic No 13
318	DO-21	2,622	5,900											Pic No 4
319	DO-22	4,231	5,900											Pump was broken, water sample could not be obtained. Pic No 5
320	DO-23	3,411	4,833											Pic No 6
321	DO-24	1,425	1,630											Pic No 12
322	DO-25	3,001	4,080											Drilled in 1972. Pic No 8
323	DO-26	2,385	3,465											Sealed, under construction. Pic No 10, 6, 11
324	DO-27	1,728	2,225											Pic No 7
325	DO-28	1,672												Borehole sealed, pump broken. Pic No 9
326	DO-29	1,672												Pic No 13
327	DO-30	6,570	4,635											Borehole sealed, pump broken. Windmill not working. Pic No 1
328	DO-31	4,728	4,635											Pic No 42
329	DO-32	4,728	4,635											Borehole sealed, pump broken. Windmill not working. Pic No 1
330	DO-33	9,250	4,975											Pic No 38
331	DO-34	2,254	2,225											Pic No 39
332	DO-35	7,524	6,270											Pic No 35
333	DO-36	5,980	5,285											Borehole sealed. Pump not working. No water sample
334	DO-37	4,465	3,465											Pic No 38
335	DO-38	4,465	3,465											Pic No 38
336	DO-39	5,300	5,070											Pic No 44
337	DO-40	6,600												Borehole sealed. No water sample. Pic no 46
338	DO-41													Water sample could not be obtained. Pic No 47
339	DO-42	6,795	4,465											Pic No 39
340	DO-43	4,244	4,465											Pic No 16
341	DO-44	4,675	4,795											Pic No 15
342	DO-45	2,658	12,198											Pic No 46
343	DO-46	4,880	4,145											Pump broken. No water sample. Pic No 45
344	DO-47	6,654	6,615											Pic No 43
345	DO-48	5,000	1,000											Pic No 17
346	DO-49	3,780	3,950											Broken. No water sample. Pic No 22
347	DO-50													Pic No 23
348	DO-51													Pump not available. Pic No 50
349	DO-52	2,245	202											Pump not available. No water sample. Pic No 49
350	DO-53	6,436	9,180											Pic-17, 18
351	DO-54	502	305											Pic-19
352	DO-55	2,227	4,000											BH Vandalized. Pump was stolen. pic-87
353	DO-56	911												Pic-86
354	DO-57	1,546	1,624											BH Vandalized. Filled with stone. Pump was stolen. Pic-85
355	DO-58	1,680	1,750											Pic-87
356	DO-59	1,460	1,566											Water resource from neighbor village + hand pump. Pic-3, 4
357	DO-60	1,460	1,566											Water resource from neighbor village. Pic-5
358	DO-61	1,318	1,028											Pump was broken in January 2006 Pic-20
359	DO-62	1,217	1,370											Pump is not installed. Pic-9
360	DO-63	2,876	2,862											Pic-11, 12
361	DO-64	1,950	2,825											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
362	DO-65	6,560	8,745											Pump broken. Pic-55
363	DO-66	6,560	8,745											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
364	DO-67	8,444	8,745											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
365	DO-68	1,240	1,000											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
366	DO-69	4,850												Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
367	DO-70	637	1,022											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
368	DO-71	2,626	2,260											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
369	DO-72	3,285	3,944											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
370	DO-73	10,467	11,440											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
371	DO-74	2,350	2,350											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
372	DO-75	4,597	4,590											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
373	DO-76	630	31,500											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
374	DO-77													Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
375	DO-78	2,025	3,100											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
376	DO-79	1,653	1,628											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
377	DO-80	1,933	3,330											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
378	DO-81	1,933	3,330											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
379	DO-82	596	463											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
380	DO-83	1,025	20,900											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7
381	DO-84	578	34,740											Submersible pump is used, and since pump was broken in early February. Sample was taken from tank. WTR is 1 traditional dug well + 4 hand pumps. Pic-7

Inventory Survey Result (20/21)

Serial No.	NYNS No.	Village Condition		Dam	River	Stream	Spring	Borehole	Dug Well	Other Water Reservoir			Ozans	Remarks
		User No.	Quantity							Shallow well	Water hole	Ford		
382	DO-88	888	925											Pic-21 Engine Pump is stolen since 1988 Pic-02
383	DO-88	1,230	1,230					2						Engine Pump is stolen Pic-75/76/77
384	DO-87	1,530	1,005							2				
385	DO-88	1,500	60,000											Pic-79
386	DO-88	2,386	1,288				1							Pic-44
387	DO-89	1,625	1,625											Pic-26
388	DO-91	156	967					5						Pic-25
389	DO-92	1,750	942					2						Pic-85
390	DO-93	4,164	5,160											Pic-16
391	DO-94	2,200	1,880											Pic-14
392	DO-95	1,385	1,872		1			3						Pic-15
393	DO-96	3,360	3,360		1			1						Abandoned connected in 1989 Pic-19-40
394	DO-97	4,983	60,000					2						System not connected was possible to collect sample the well not operational Pic-38
395	DO-98	2,778	2,460											Pic-31
396	DO-99	9,476	9,200											Pic-59-60
397	DO-100	949	13,070					7						Pic-13
398	DO-101	3,449	6,400					3						Pic-12 Pic-6
399	DO-102	2,656	920					10						Pic-7
400	DO-103	1,325	1,930											Pic-5
401	DO-104	1,857	3,048											Pic-31
402	DO-105	1,247	2,088											Pic-30
403	DO-106	1,247	2,088											Cancelled 1974 by Govt but was broken Pic-27-28
404	DO-107	1,300	3,300											Pump is Broken Pic-24
405	DO-107	1,300	3,300											Pic-30
406	DO-108	1,980	516											Pic-31
407	DO-109	1,821	1,024					2						Pic-34 Not installed Pic-37
408	DO-110	1,821	1,024											Pic-34
409	DO-111	6,924	6,878											Pic-33
410	DO-112	3,990	4,900											Pic-29
411	DO-113	2,889	2,757											Pic-22
412	DO-114	2,889	4,026											Pic-22
413	DO-115-1	1,389	1,745					5						Subsiding operation conducted in 2001 Pic-38
414	DO-115-2	1,389	1,745					1						Alternative for Makenoni (DO-115) Problem with Pump Pic-65
415	DO-116	2,200	2,650							1				Pic-34
416	DO-117	3,184	5,680											Pic-32
417	DO-118	4,988	4,218											Pic-20
418	DO-119	1,085	972											Pic-21
419	DO-120	500	25,000											Pic-1
420	DO-121	4,550	8,550					2						Pic-57
421	DO-122	2,829	5,468					3						Pic-2
422	MN-1													Pic-2
423	MN-21		722,000					Yes						Quantity: From meter reading Pic No. 100-0223
424	MN-22		595,000					Yes						Quantity: From meter reading Pic No. 100-0224
425	MN-18							Yes		Yes				
426	MN-19	1,530	46,000					Yes		Yes				Pic No: 100-0226
427	MN-20	1,200	36,000					Yes						Pic No: 100-0225
428	MN-23							Yes						Pic No: 100-0221
429	MN-24	2,200	66,000					Yes						Pump not working due to loose problem Pic No: 100-0212
430	MN-25							Yes						Totally abandoned. Found to be dry during construction phase. Filled with sand. Pic No: 100-0213
431	MN-26							Yes						Well is not working as it is too pump. Mud found inside the casing hence difficult to take water sample for analysis. Pic No: 100-0211
432	MN-27							Yes						There is no alternative B.H. in the area.
433	MN-28	500	27,000	seasonal				Yes						Totally abandoned. There was no alternative B.H. Water pump problem. Pic No: 100-0210
434	MN-29	1,930	46,000	Yes				Yes		Yes				The pump is not working due to broken pipes. Pic No: 100-0208
435	MN-31							Yes						There is no alternative B.H. in the area. Pic No: 100-0209
436	MN-31							Yes						1.0 B.H. installed. B.H. and used as a water source. Pic No: 100-0207
437	MN-32							Yes		Yes				Totally abandoned. No pump and it is filled with silt and stones. No alternative B.H. Pic No: 100-0204
438	MN-33	3,000	90,000					Yes						The hand pump is not working due to broken pipes inside the casing. Pic No: 100-0205
439	MN-34	2,400	75,000					Yes						The hand pump is not working due to broken pipes. Pic No: 100-0206
440	MN-35?	8,000	270,000					Yes						No pump. Abandoned because was found to be dry. Pic No: 100-0216
441	MN-36	10,000	300,000					Yes						Pic No: 100-0217
442	MN-37							Yes						The pump is not working. It is also filled with stones. There is no alternative B.H.
443	MN-38	6,000	180,000					Yes						The pump is not working. It is also filled with stones. There is no alternative B.H.
444	MN-39	500	15,000					Yes						Hand water was abandoned for another reason. Pic No: 100-0219
445	MN-40	6,000	180,000					Yes						Pic No: 100-0214
446	MN-41	500	15,000					Yes						Pic No: 100-0215. The donor ADRA is a religious institution.
447	AR-1							Yes						Skipped borehole. Not operational. No pump installed.
448	AR-2							Yes						Source used for irrigation purposes, pumping for 22 hrs. Replacement of AR-2????
449	AR-4/2							Yes						Pic No: 100-0144. Replacement of AR-4????
450	AR-4/2							Yes						It is a Shallow well. Pic No: 100-0167
451	AR-12		19,863					Yes						Pic No: 100-0166
452	AR-13							Yes						Pic No: 100-0168
453	AR-14							Yes						Pic No: 100-0169
454	AR-15							Yes						Pic No: 100-0180. Completion form attached. Not operational. Pump broken.

Inventory Survey Result (21/21)

Serial No.	INVS No.	Village Condition			Other Water Resources							Remarks			
		User No.	Quantity		Dam	River	Stream	Spring	Dewhole	Dug well	Shallow well		Water hole	Pond	Rain water
464	AR-16														Pic No. 100-0159
465	AR-16							Yes							Pic No. 100-0156 & 100-0157
467	AR-20														Pic No. 100-0150
468	AR-21														The BTL line has not been pumped for 2 weeks. Springs only. Limpoo Village is not adequate especially during dry season. Pic No. 100-1053
469	AR-22														Pic No. 100-0155
470	AR-23														Pic No. 100-0158
471	AR-24														Pic No. 100-0159
472	AR-25														Pic No. 100-0148 & 0149
473	AR-26		?					Yes							Sealed BTL Pic No. 100-0147
474	AR-30														Water Quality: Water level below 100 m not reachable
475															Abandoned due to low yield. Formerly used by Catholic Church sisters
476															Demolished Borehole. Pic No. 100-0162. Formerly Namawan source.
477															Pic No. 100-0165
478								Yes							Dirty water with mud. Earth dropped inside the Borehole. Replacement of AR-10 77 BH. No 897/2003
479															
480								Yes							