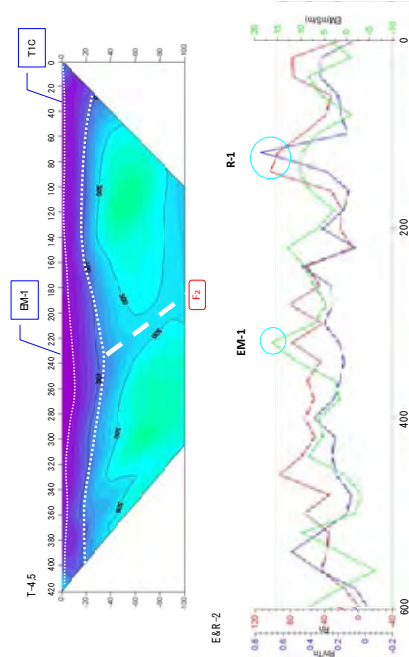
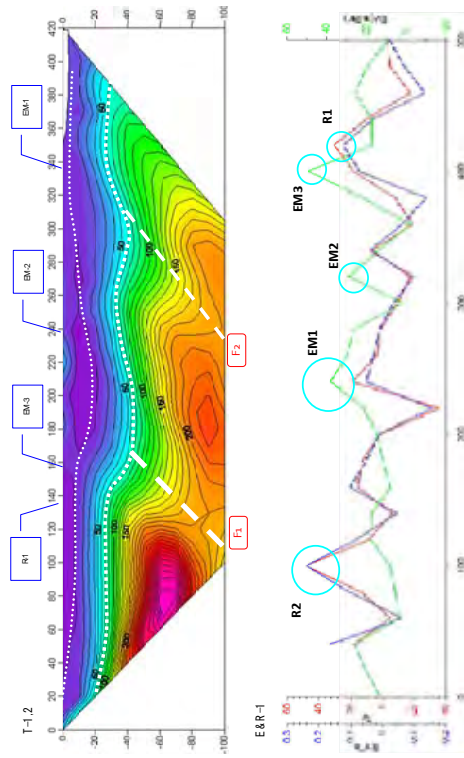


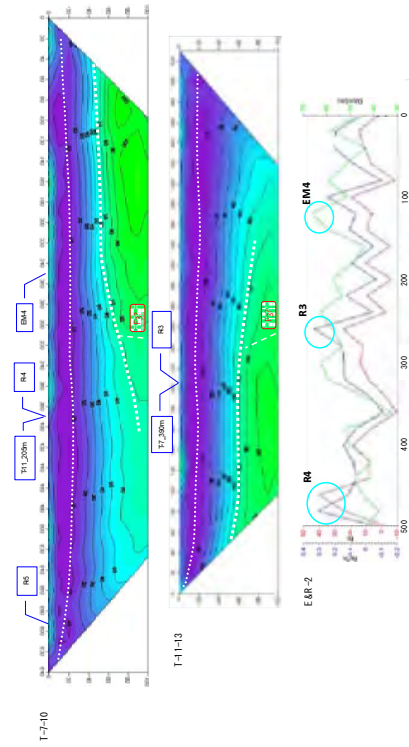
Level 2: Isanga Village Survey No.1 (2/2)



Level 2: Usunga Village Survey No.1 (1/2)

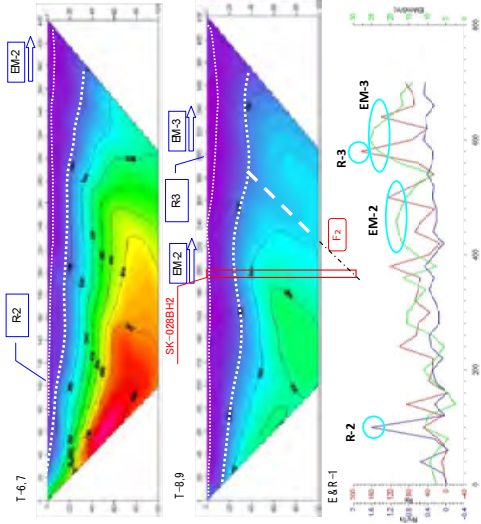


Level 2: Isanga Village Survey No.1 (1/2)

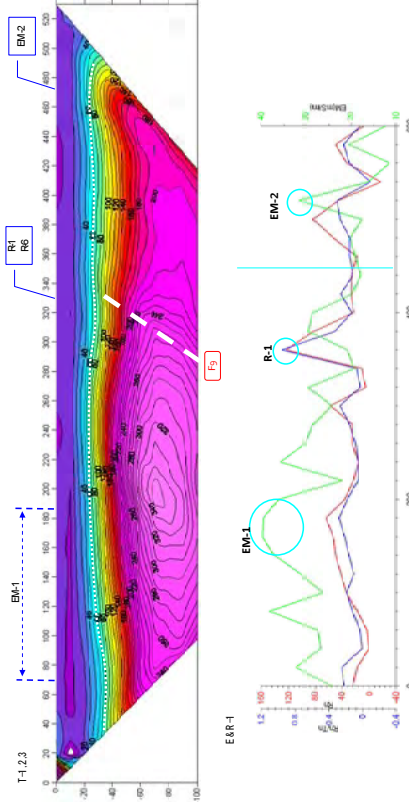


Level 2: Isanga Village Survey No.2

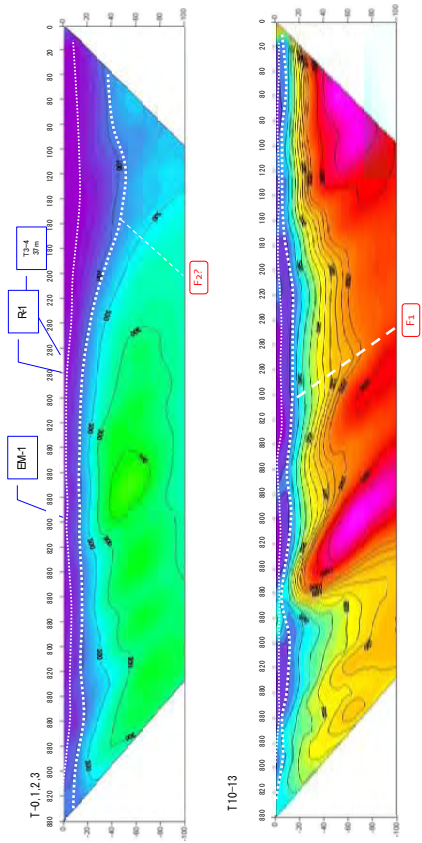
Figure -2 Cross Section Profiles of Two Dimensional Resistivity, Electro Magnetic and Radon Survey (1/8)



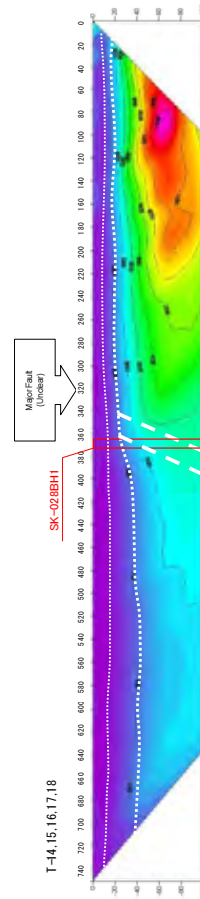
Level 2: Usunga Village Survey No.2



Level 2: Mpombwe Village Survey No.1 (1/3)

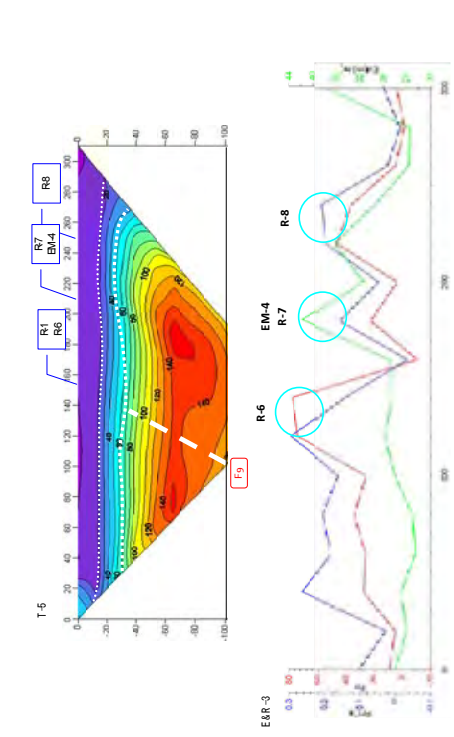


Level 2: Usunga Village Survey No.1 (2/2)

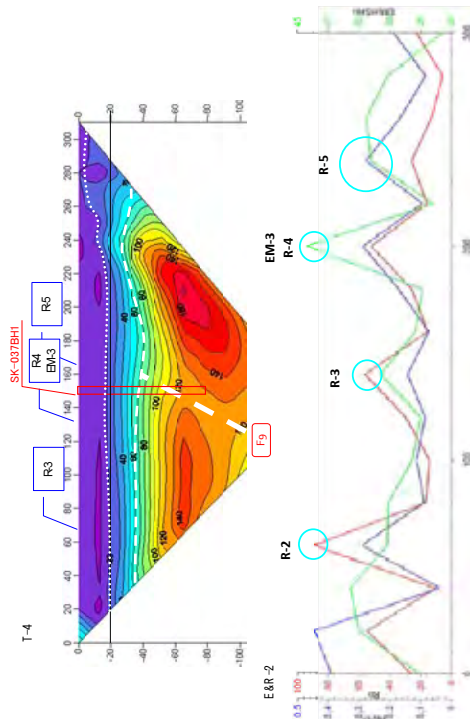


Level 2: Usunga Village Survey South-East Area (2/2)

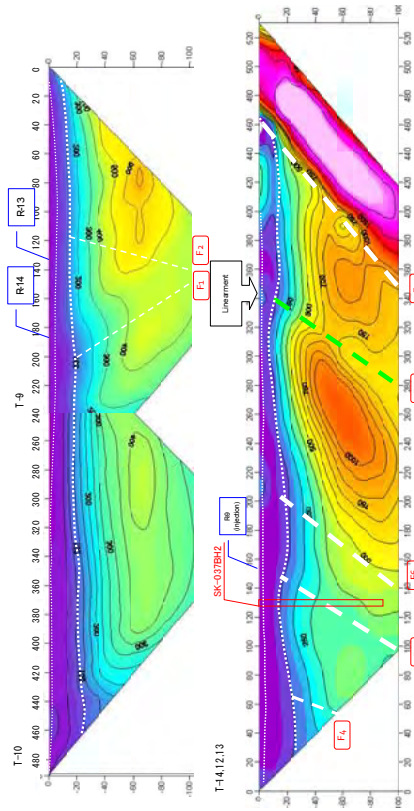
Figure -2 Cross Section Profiles of Two Dimensional Resistivity, Electro Magnetic and Radon Survey (2/8)



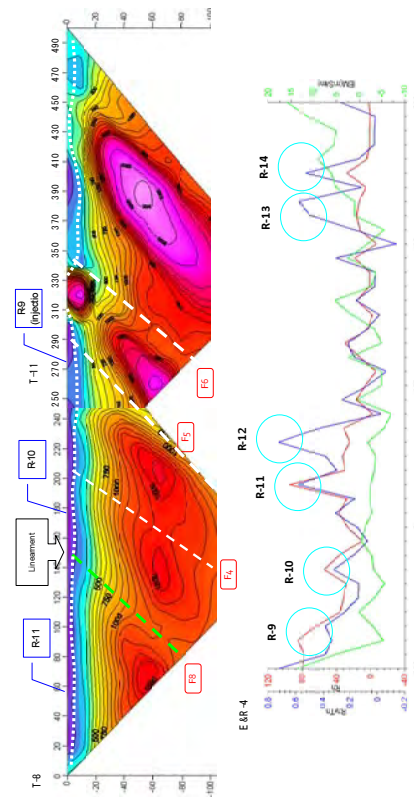
Level 2: Mpombwe Village Survey No.1 (3/3)



Level 2: Mpombwe Village Survey No.1 (2/3)

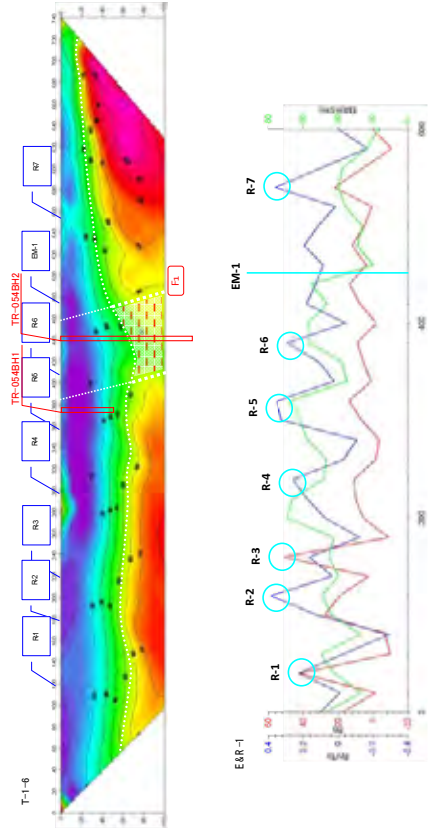


Level 2: Mpombwe Village Survey No.2 (2/3)



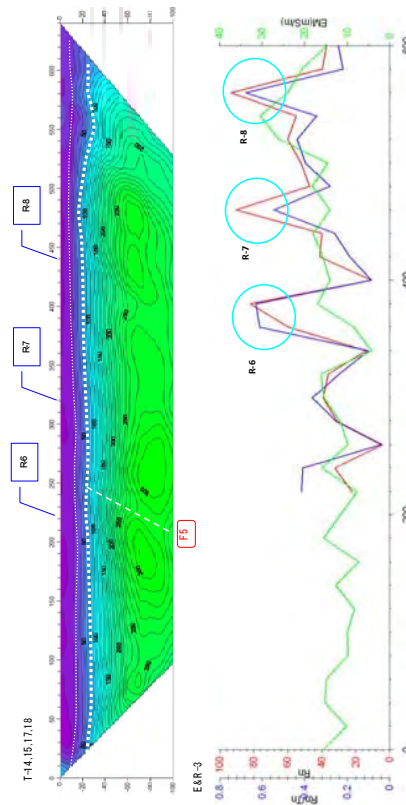
Level 2: Mpombwe Village Survey No.2 (1/3)

Figure -2 Cross Section Profiles of Two Dimensioned Resistivity, Electro Magnetic and Radon Survey (3/8)



Level 2: Mpombwe Village Survey No.2 (3/3)

Level 2: Mpombuli Village Survey No.1



Level 2: Mabama Village Survey No.1 (1/2)

Level 2: Mabama Village Survey No.1 (2/2)

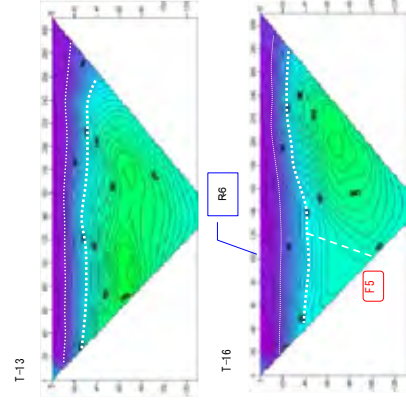
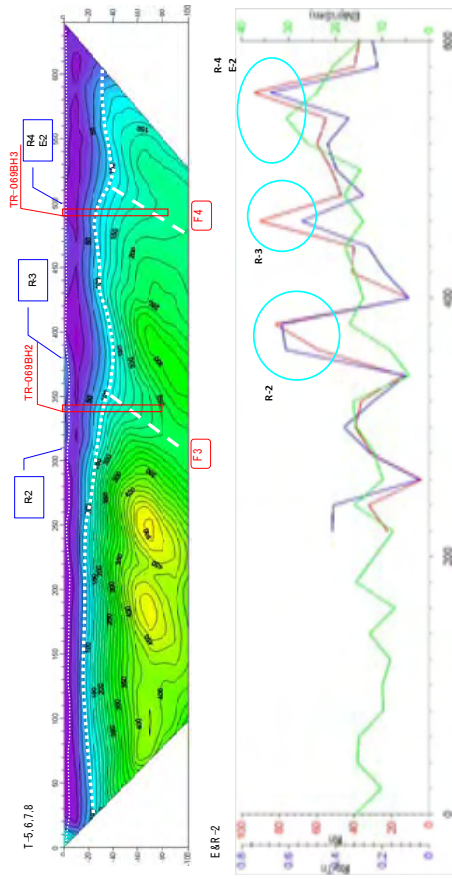
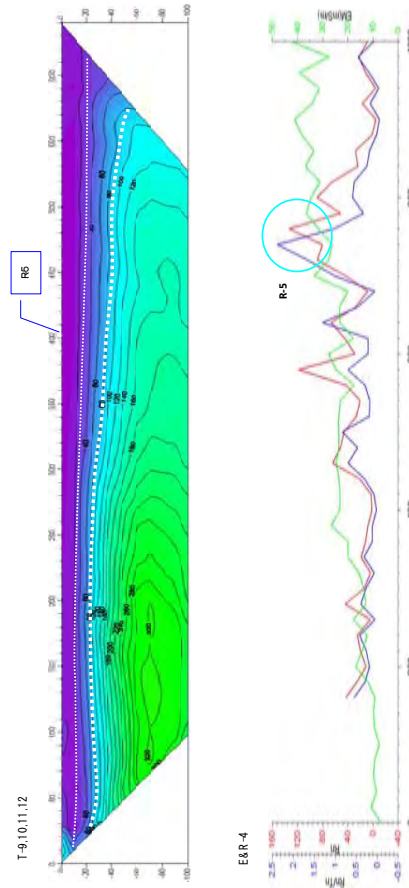


Figure -2 Cross Section Profiles of Two Dimensioned Resistivity, Electro Magnetic and Radon Survey (4/8)



Level 2: Mabama Village Survey No.3

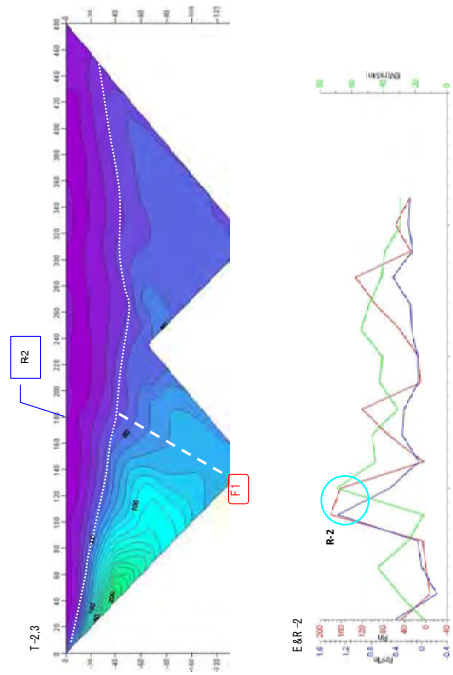


Level 2: Mabama Village Survey No.2

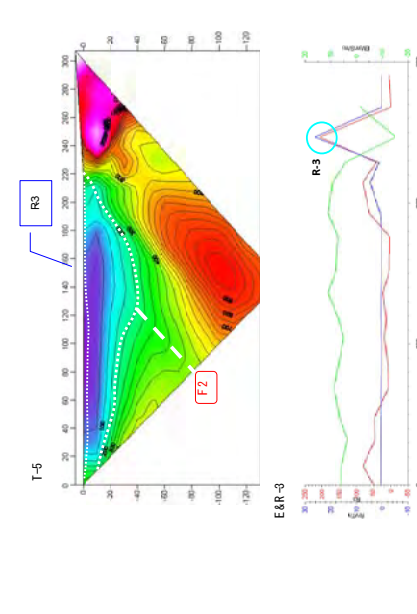
Level 2: Ufuluma Village

Level 2: Mabama Village Survey No.4

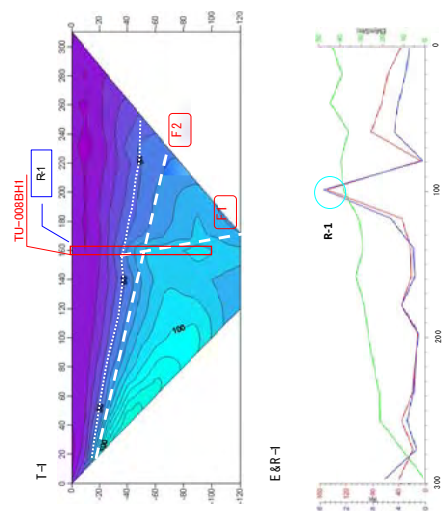
Figure -2 Cross Section Profiles of Two Dimensional Resistivity, Electro Magnetic and Radon Survey (5/8)



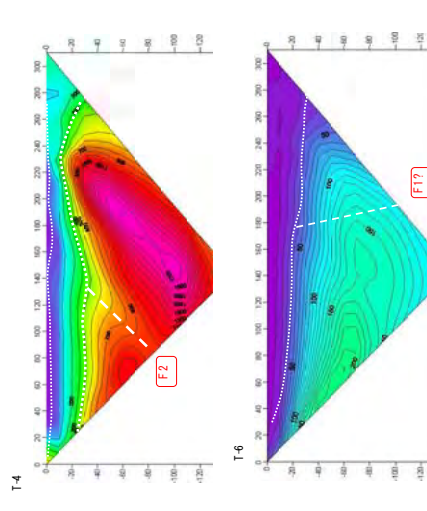
Level 2: Kakola Village Survey No.2 (2/2)



Level 2: Kakola Village Survey No.3 (2/2)

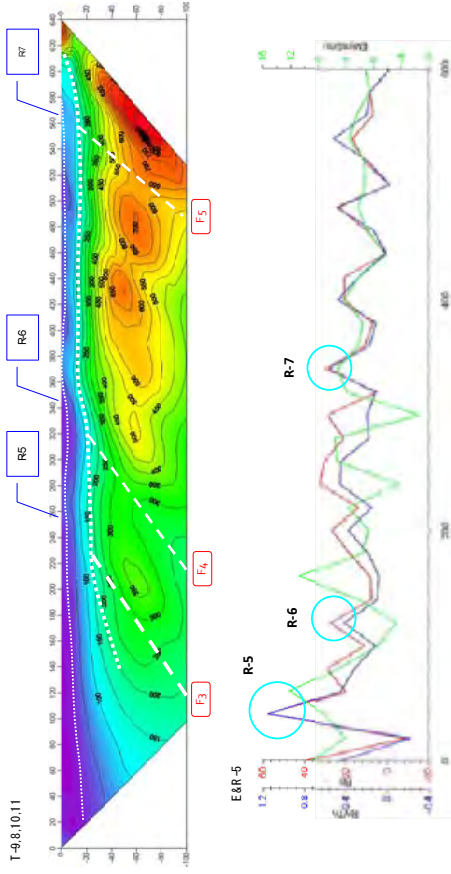


Level 2: Kakola Village Survey No.2 (1/2)

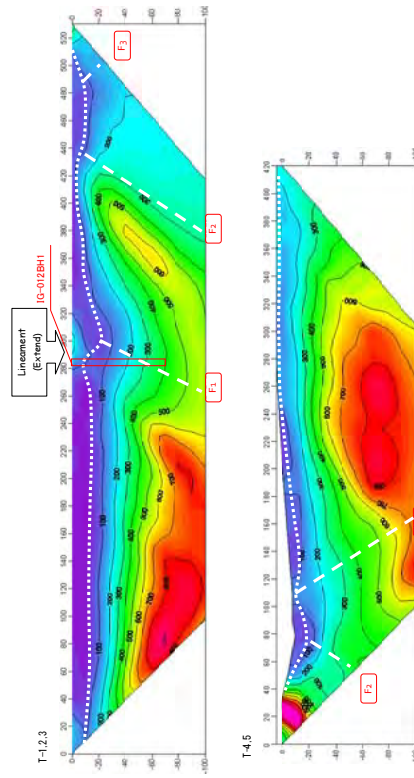


Level 2: Kakola Village Survey No.3 (1/2)

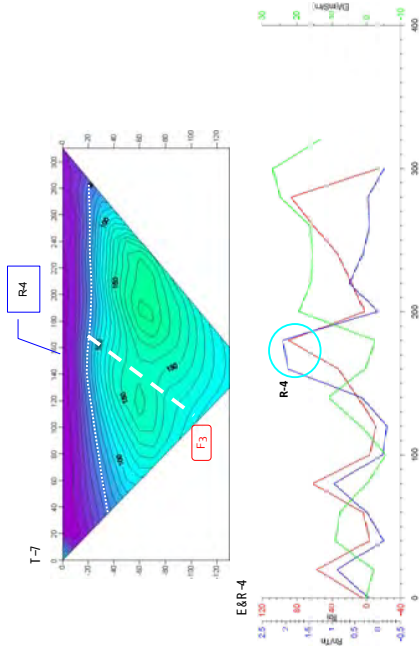
Figure -2 Cross Section Profiles of Two Dimensioned Resistivity, Electro Magnetic and Radon Survey (6/8)



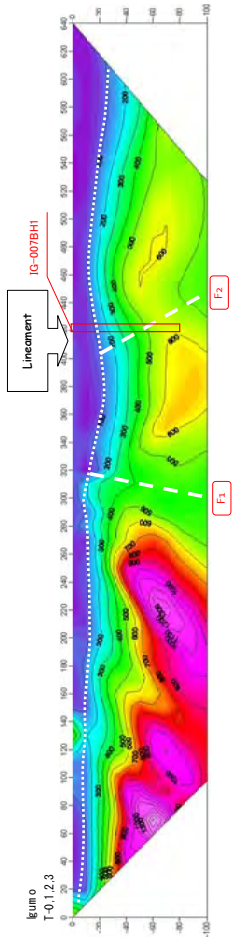
Level 2: Kakola Village Survey No.1 (2/2)



Site for Water Quality Confirmation: Buhekela Village

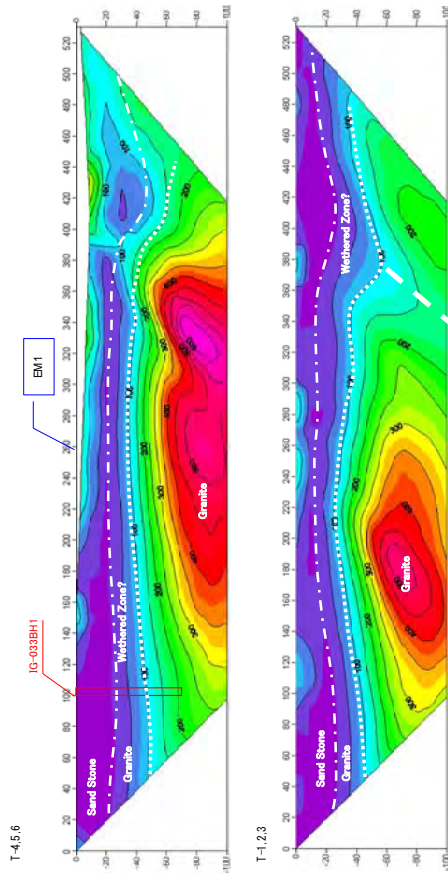


Level 2: Kakola Village Survey No.1 (1/2)



Site for Water Quality Confirmation: Igumo Village

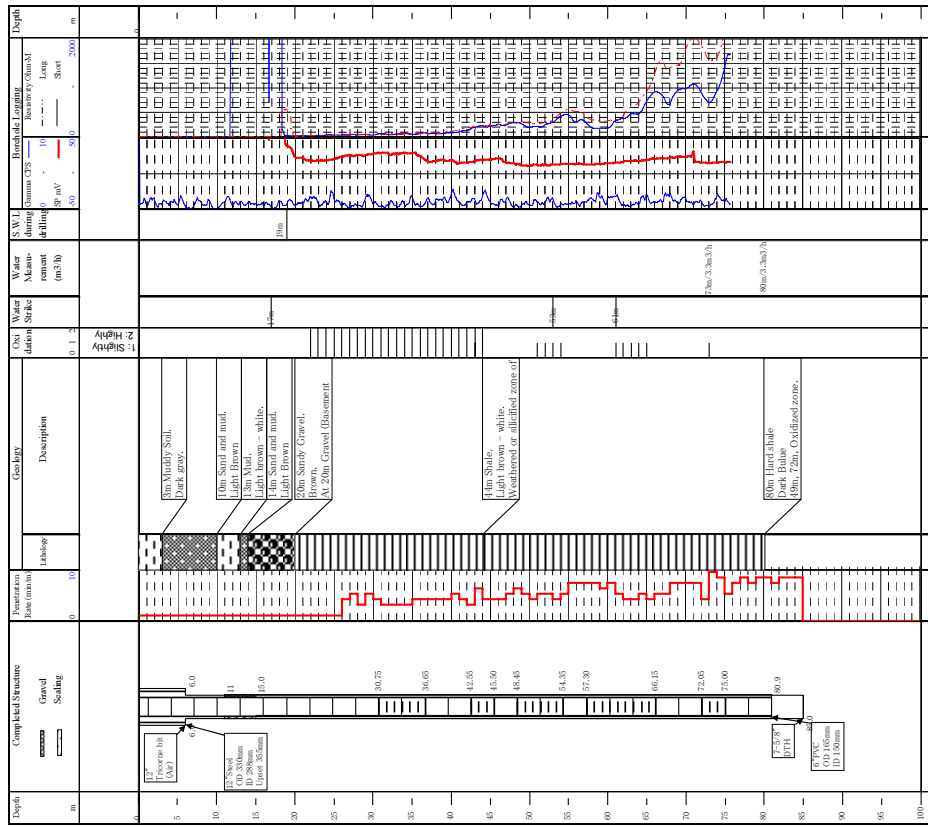
Figure -2 Cross Section Profiles of Two Dimensioned Resistivity, Electro Magnetic and Radon Survey (7/8)



Site for Water Quality Confirmation: Kakongwa Village

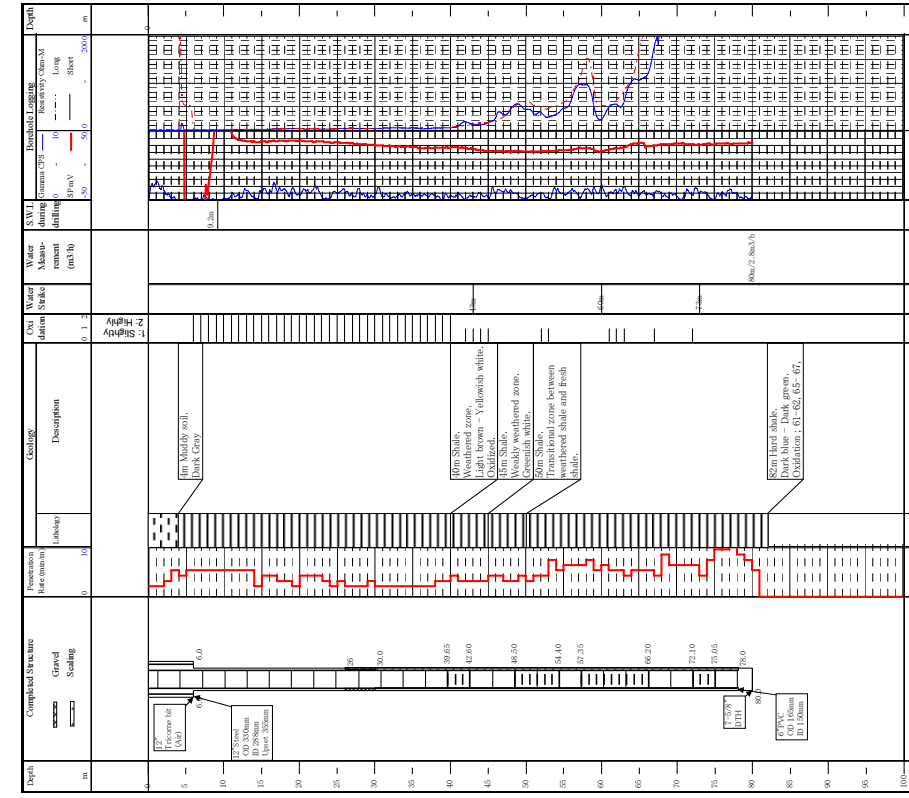
Figure -2 Cross Section Profiles of Two Dimensioned Resistivity, Electro Magnetic and Radon Survey (8/8)

Drilling No. **NZ-047BH1** Registration No. **672/2010** Date of Commencement **24-Sep-10**
 Village **Isanga** GPS Coordinates (Are 1960) **27-Sep-10** Contractor **DPCA**
 Ward **Lusu** X Y
 District/Municipality **Nzega** **36M0523911** **9550830** Rtg. **Sankoyo** Drille **Tibo**



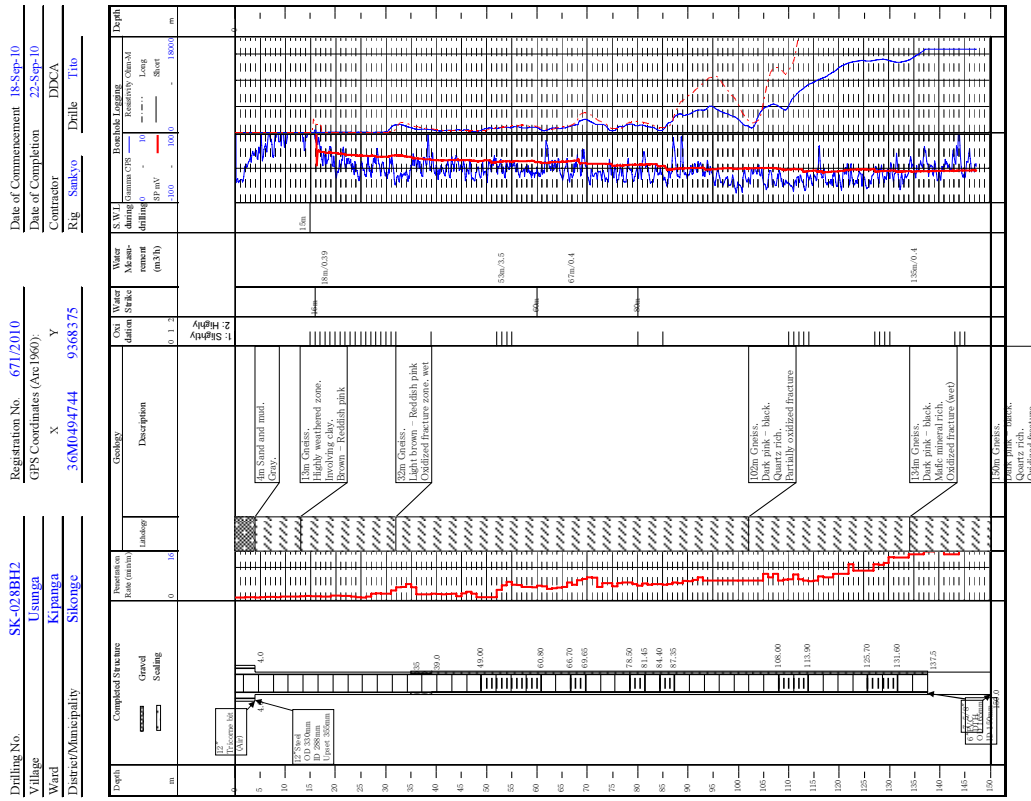
Isanga Village No.1 Well

Drilling No. **NZ-047BH2** Registration No. **672/2010** Date of Commencement **27-Sep-10**
 Village **Isanga** GPS Coordinates (Are 1960) **28-Sep-10** Contractor **DPCA**
 Ward **Lusu** X Y
 District/Municipality **Nzega** **36M0524030** **9550844** Rtg. **Sankoyo** Drille **Tibo**

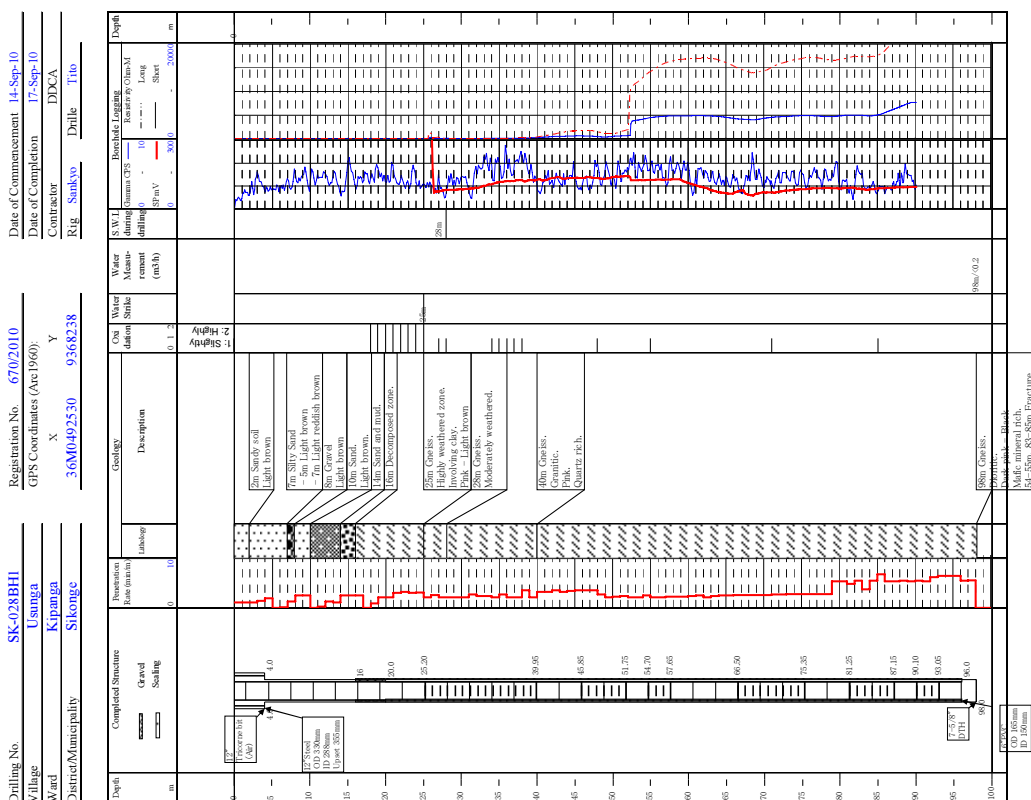


Isanga Village No.2 Well

Figure-3 Drilling Report (1/8)



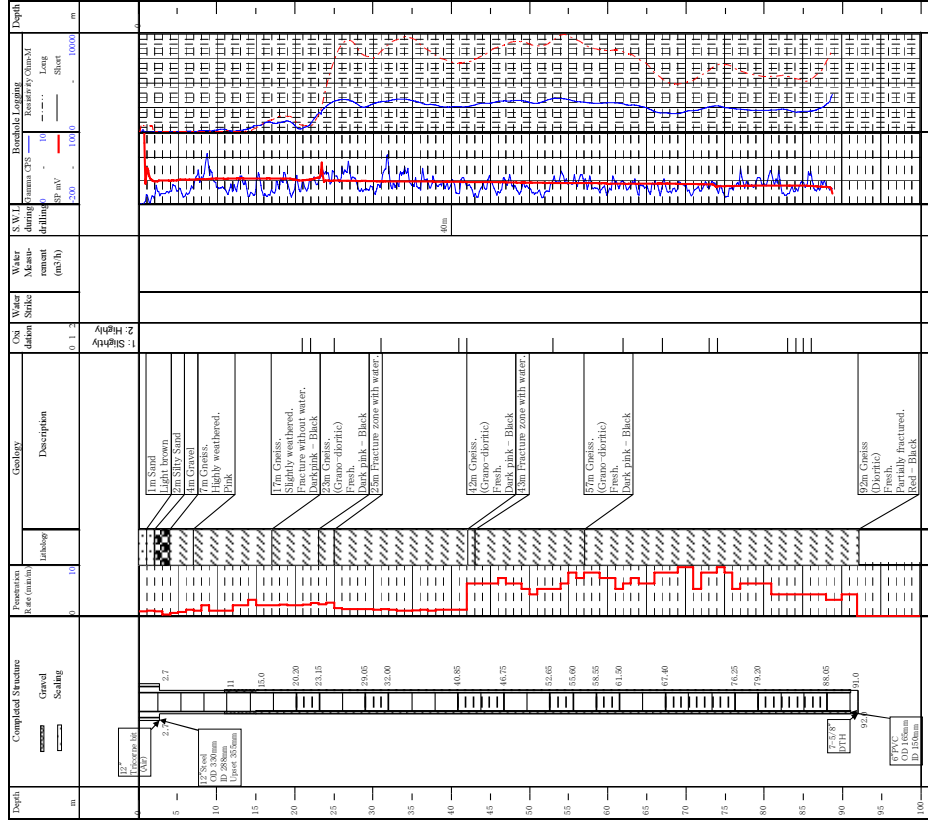
Usungu Village No.2 Well



Usungu Village No.1 Well

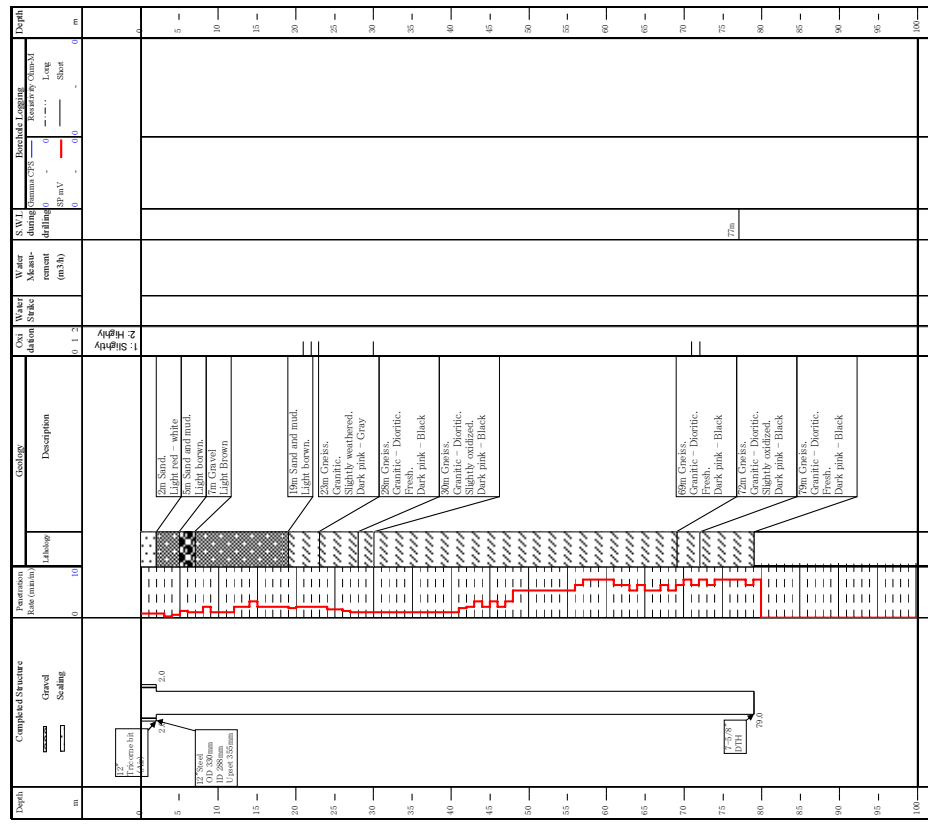
Figure-3 Drilling Report (2/8)

Drilling No.	SK-037BH2	Registration No.	669/2010	Date of Commencement	12-Sep-10
Village	Mpombwe	GPS Coordinates (Are 1960)	X	Date of Completion	13-Sep-10
Ward	Pangabe		Y	Contractor	DDCA
District/Municipality	Sikonge	36M0465783	9405719	Reg.	Sankyo
				Drille	Tito



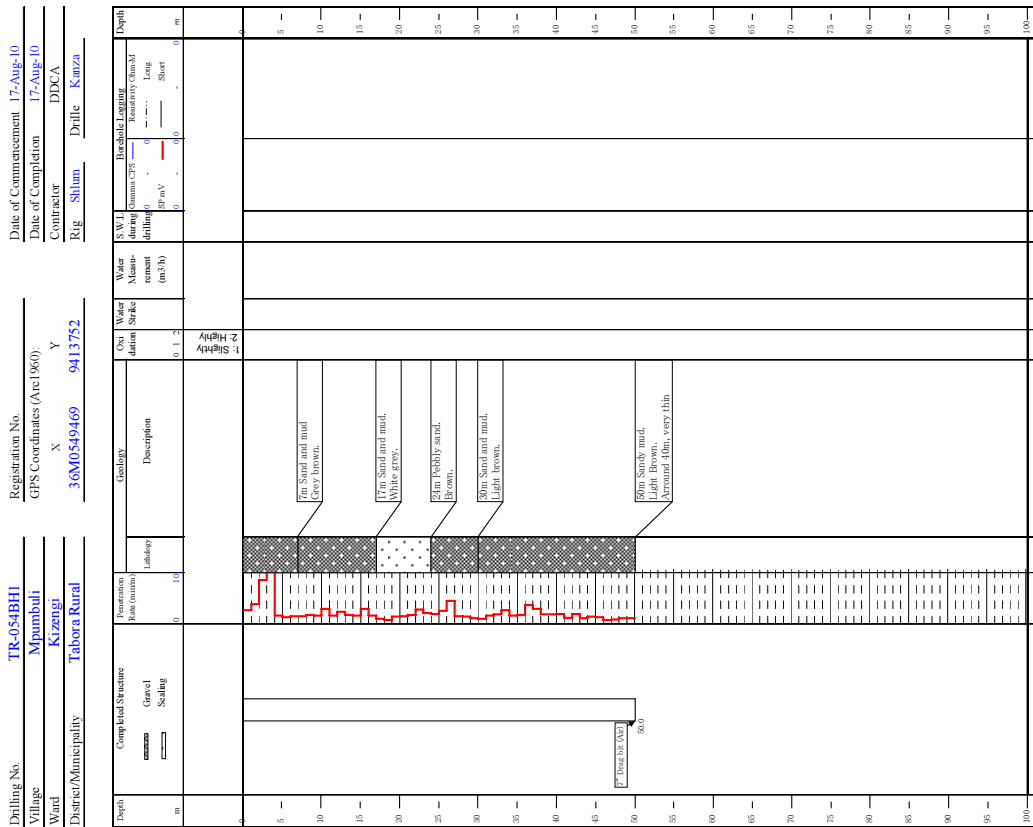
Mpombwe Village No.2 Well

Drilling No.	SK-037BH1	Registration No.	669/2010	Date of Commencement	10-Sep-10
Village	Mpombwe	GPS Coordinates (Are 1960)	X	Date of Completion	11-Sep-10
Ward	Pangabe		Y	Contractor	DDCA
District/Municipality	Sikonge	36M0466529	9402556	Reg.	Sankyo
				Drille	Tito

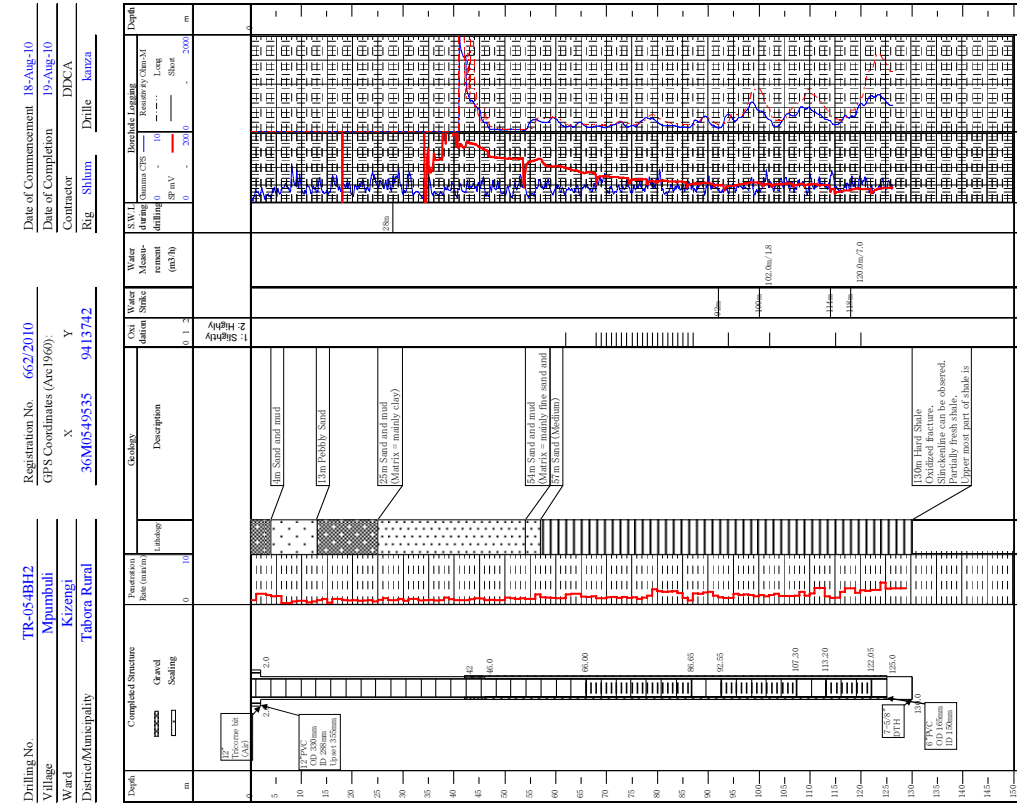


Mpombwe Village No.1 Well

Figure-3 Drilling Report (3/8)



Mpumbuli Village No.1 Well

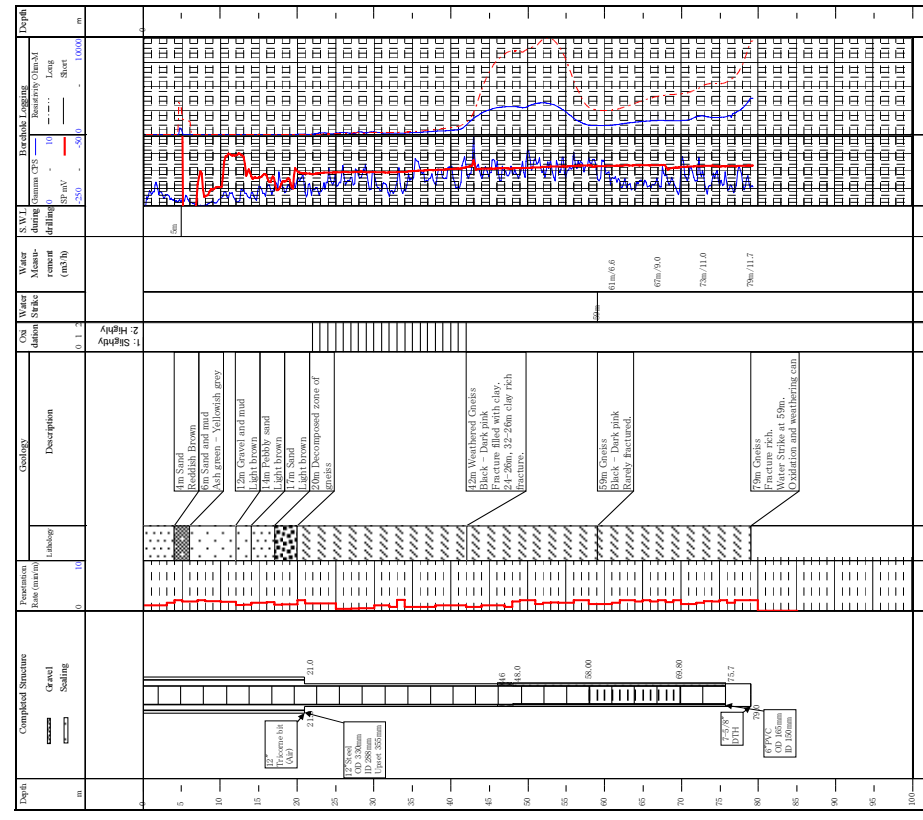
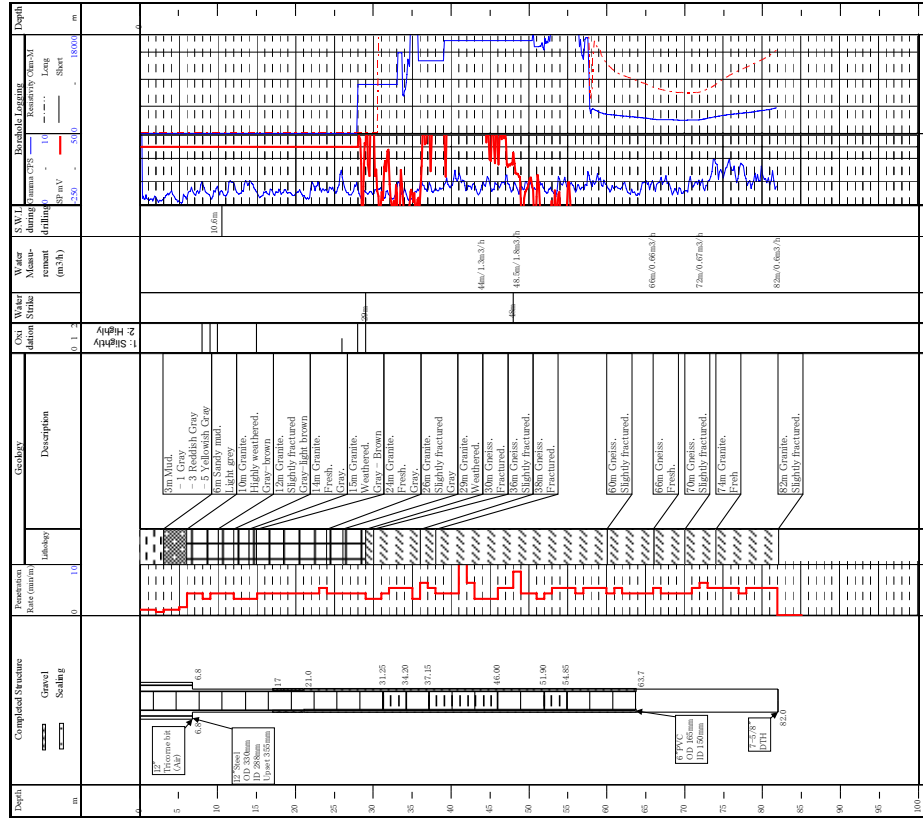


Mpumbuli Village No.2 Well

Figure-3 Drilling Report (4/8)

Drilling No. **TR-069BHZ** Registration No. **665/2010** Date of Commencement **10-Sep-10**
 Village **Mabama** GPS Coordinates (Are 1960) **X Y** Date of Completion **13-Sep-10**
 Ward **Mabama** Contractor **DDCA**
 District/Municipality **Tabara Rural** **36M0448362** **9433208** Rtg **Shlum** Drille **Kanza**

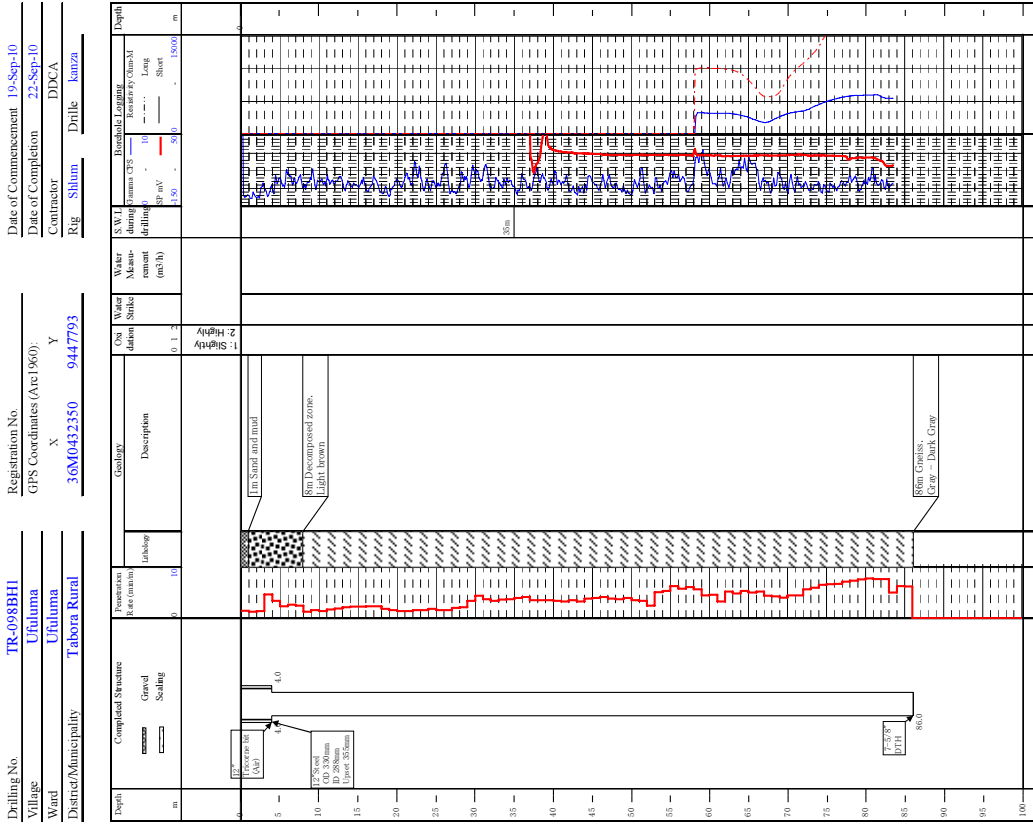
Drilling No. **TR-069BHI** Registration No. **664/2010** Date of Commencement **1-Sep-10**
 Village **Mabama** GPS Coordinates (Are 1960) **X Y** Date of Completion **9-Sep-10**
 Ward **Mabama** Contractor **DDCA**
 District/Municipality **Tabara Rural** **36M0448218** **9433981** Rtg **Shlum** Drille **Kanza**



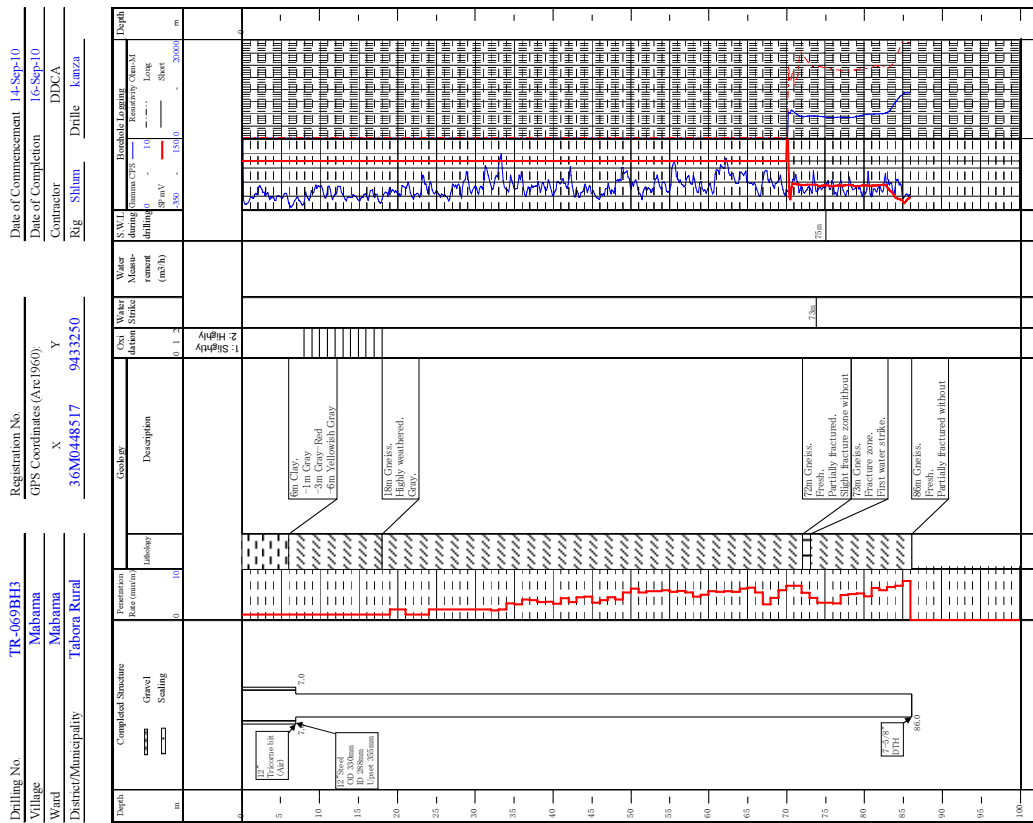
Mabama Village No.2 Well

Mabama Village No.1 Well

Figure-3 Drilling Report (5/8)



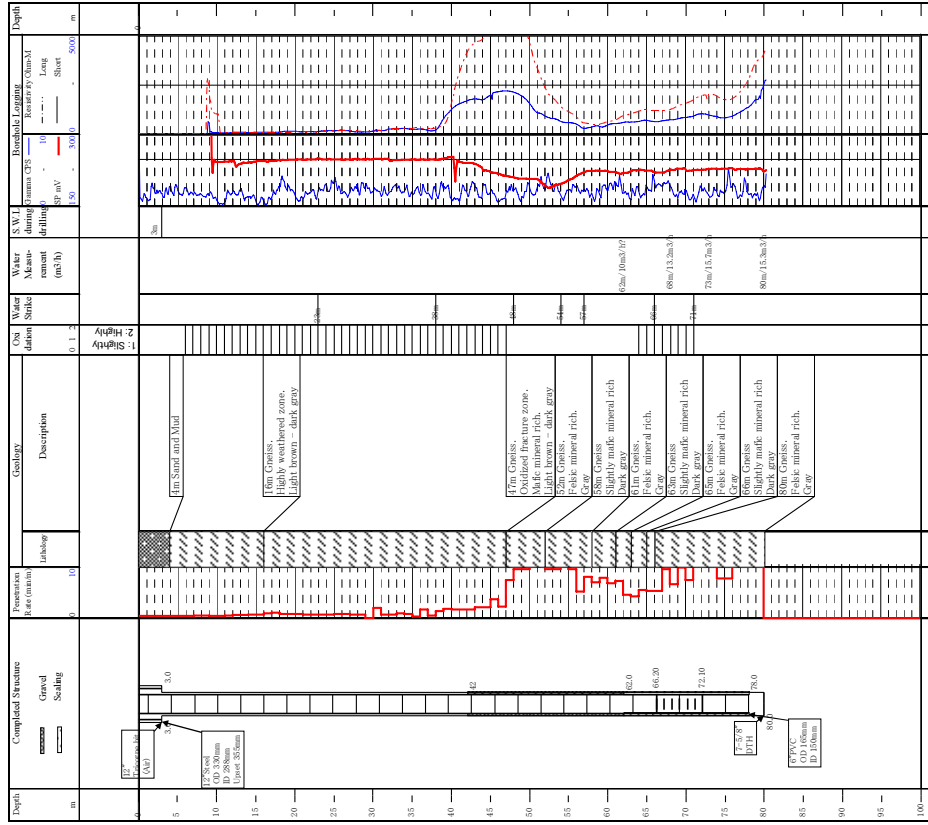
Ufuluma Village No.1 Well



Mabama Village No.3 Well

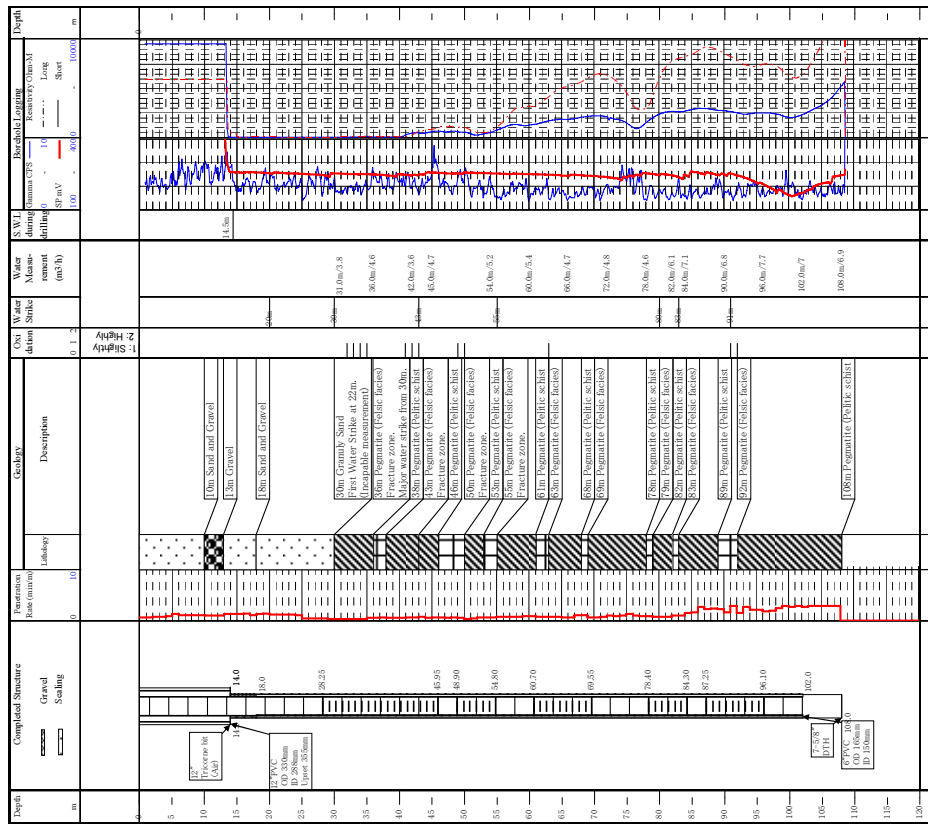
Figure-3 Drilling Report (6/8)

Drilling No. IG-007BHHI Registration No. 675/2010 Date of Commencement 24-Sep-10
 Village Igumo GPS Coordinates (Are 1960) Date of Completion 28-Sep-10
 Ward Chaburwa X Y Contractor DDCA
 District/Municipality Iganga 36M0551014 9495593 Reg. Status Drille Kanza



Igumo Village No.1 Well

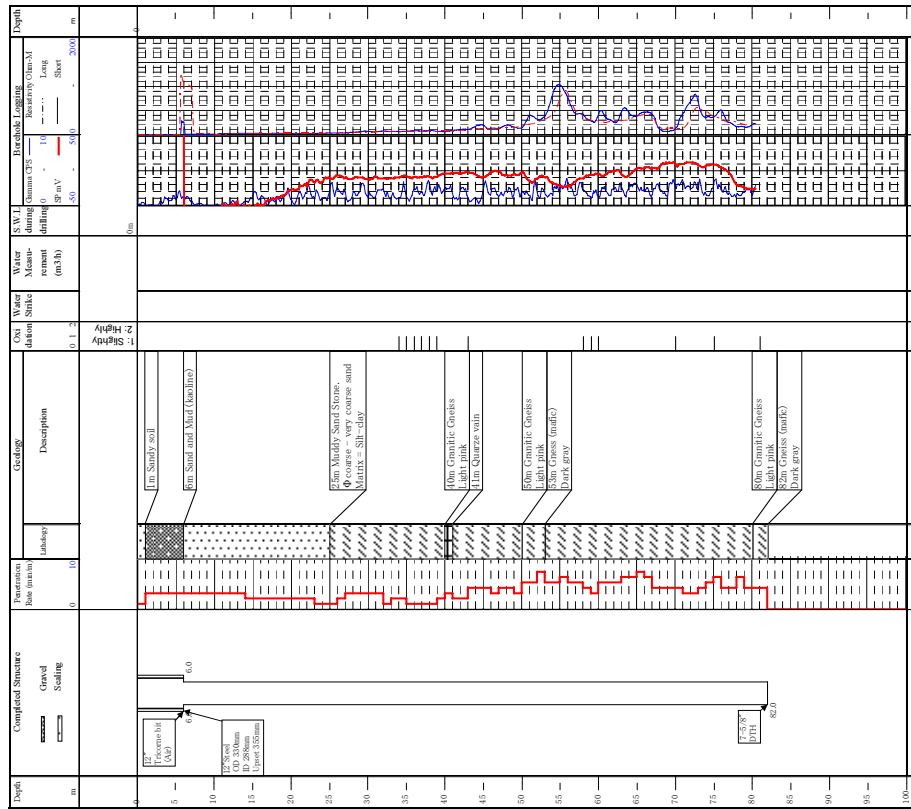
Drilling No. TU-008BHHI Registration No. 663/2010 Date of Commencement 26-Aug-10
 Village Kakola GPS Coordinates (Are 1960) Date of Completion 31-Aug-10
 Ward Kakola X Y Contractor DDCA
 District/Municipality Tabora Urban 36M0482083 9462843 Reg. Status Drille Kanza



kakola Village No.1 Well

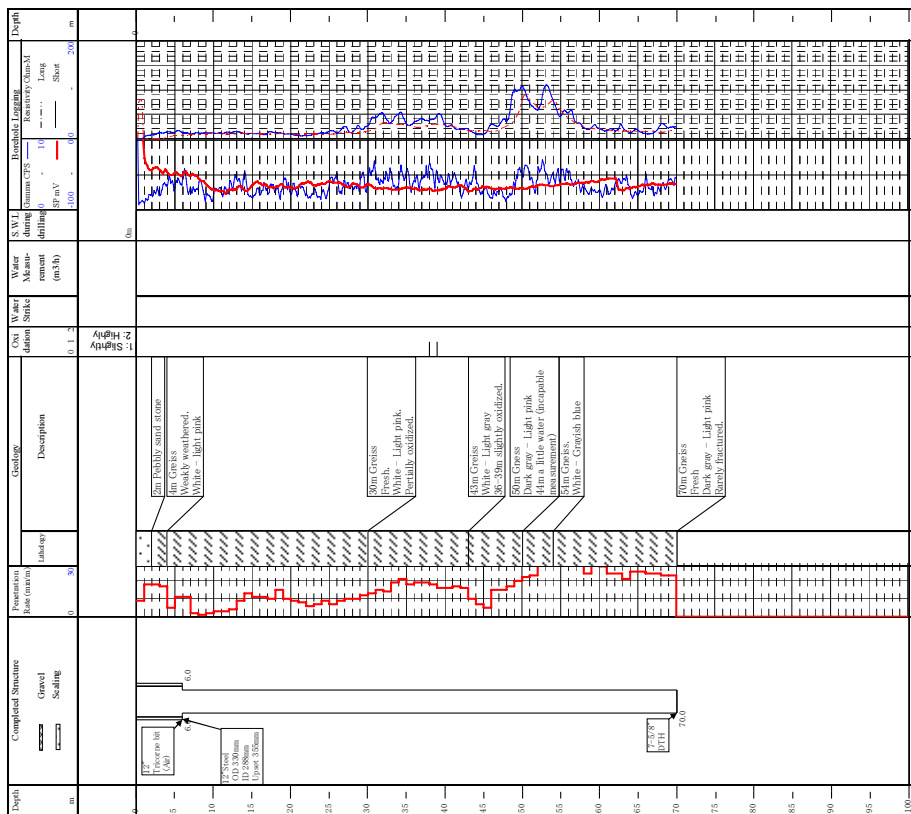
Figure-3 Drilling Report (7/8)

Drilling No.	IG-033BH1	Registration No.	IG-033BH1
Village	Kagongwa	GPS Coordinates (Ave 1960)	Kagongwa
Ward	Ikunduru	X	
District/Municipality	Iganga	Y	
Date of Commencement	29-Sep-10	36M057328	9553481
Date of Completion	1-Oct-10		
Contractor	DDCA		
Rig	Sunko		
Drille	Tito		



Kagongwa Village No.1 Well

Drilling No.	IG-012BH1	Registration No.	IG-012BH1
Village	Buhekela	GPS Coordinates (Ave 1960)	Buhekela
Ward	Igweloko	X	
District/Municipality	Iganga	Y	
Date of Commencement	29-Sep-10	36M0578471	9472418
Date of Completion	6-Oct-10		
Contractor	DDCA		
Rig	Shim		
Drille	Kanza		



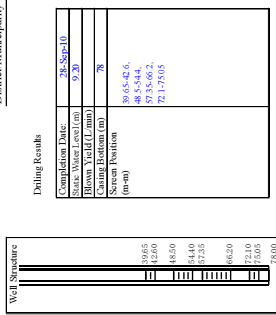
Buhekela Village No.1 Well

Figure-3 Drilling Report (8/8)

BH No. NZ/047BH2
 Borehole No. 673291D

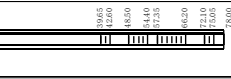
Village Isanga
 Ward Usona
 District/Municipality Nzega

Date of Submission 28-Oct-08
 Contractor DJCA



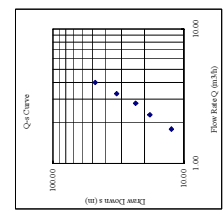
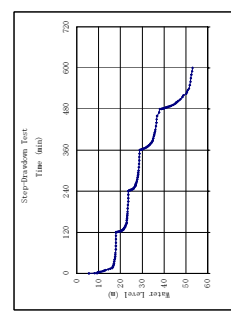
Drying Results

Completion Date	26-Sep-10
Static Water Level (m)	2.30
Blowdown Yield (L/min)	
Casing Location (m)	78
Screen Location (m)	
Flow Rate (m ³ /h)	38.65-42.6
D.W.L. after 2 hr (m)	48.5-54.4
Specific Capacity after 2hr (m ³ /h)	57.3-66.2
Specific Capacity after 12hr (m ³ /h)	71.7-81.0
Recessed D.W.L. after 12hr (m)	35.31
Recessed D.W.L. after 18hr (m)	35.40



Step-Drawdown Test
 Date: 26-Oct-10
 Static Water Level (m): 5.32
 Step: 20-Oct-10

Step	Diameter (mm)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	4.30	35.33	17.56	18.14
2	120	4.30	35.33	23.70	18.14
3	120	4.30	40.67	28.41	15.29
4	120	4.30	51	38.11	11.59
5	120	4.30	65.67	53.09	8.17

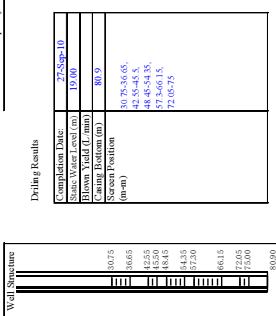


Observation

BH No. NZ/047BH1
 Borehole No. 6722010

Village Isanga
 Ward Lusa
 District/Municipality Nzega

Date of Submission 28-Oct-08
 Contractor DJCA



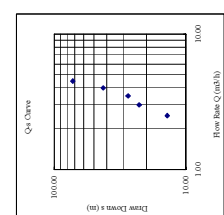
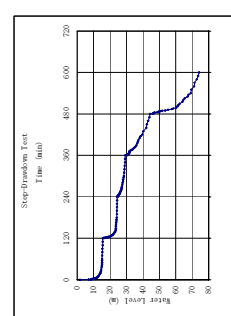
Drying Results

Completion Date	27-Sep-10
Static Water Level (m)	19.60
Blowdown Yield (L/min)	80.9
Casing Location (m)	
Screen Location (m)	
Flow Rate (m ³ /h)	38.75-46.65
D.W.L. after 2 hr (m)	42.55-48.5
Specific Capacity after 2hr (m ³ /h)	77.5-91.3
Specific Capacity after 12hr (m ³ /h)	72.45-75
Recessed D.W.L. after 12hr (m)	41.13
Recessed D.W.L. after 18hr (m)	41.13



Step-Drawdown Test
 Date: 17-Oct-10
 Static Water Level (m): 1.74
 Step: 17-Oct-10

Step	Diameter (mm)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	4.40	41.56	15.60	15.66
2	120	4.40	44.60	22.66	11.13
3	120	4.50	51.3	29.27	11.13
4	120	4.00	66.67	44.36	9.02
5	120	4.30	79	74.20	7.46



Observation

BH No. NZ/047BH2
 Borehole No. 673291D

Village Isanga
 Ward Usona
 District/Municipality Nzega

Date of Submission 28-Oct-08
 Contractor DJCA

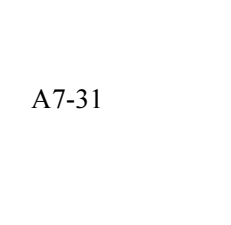


Drying Results

Completion Date	26-Sep-10
Static Water Level (m)	2.30
Blowdown Yield (L/min)	
Casing Location (m)	78
Screen Location (m)	
Flow Rate (m ³ /h)	38.65-42.6
D.W.L. after 2 hr (m)	48.5-54.4
Specific Capacity after 2hr (m ³ /h)	57.3-66.2
Specific Capacity after 12hr (m ³ /h)	71.7-81.0
Recessed D.W.L. after 12hr (m)	35.31
Recessed D.W.L. after 18hr (m)	35.40

Step-Drawdown Test
 Date: 26-Oct-10
 Static Water Level (m): 5.32
 Step: 26-Oct-10

Step	Diameter (mm)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	4.30	35.33	17.56	18.14
2	120	4.30	35.33	23.70	18.14
3	120	4.30	40.67	28.41	15.29
4	120	4.30	51	38.11	11.59
5	120	4.30	65.67	53.09	8.17



Observation

Isanga Village No.2 Well

Isanga Village No.1 Well

Figure-4 Pumping Test Report (1/6)

BH No. NZ-047B12 Date of Submission 08-Jan-00
 Borehole No. 67272010 Contractor DDCA

Village Isanga
 Ward Lusizi
 District/Municipality Nzega

Well Structure

1	1.00	1.00
2	1.00	1.00
3	1.00	1.00
4	1.00	1.00
5	1.00	1.00

Well Structure

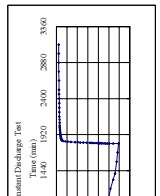
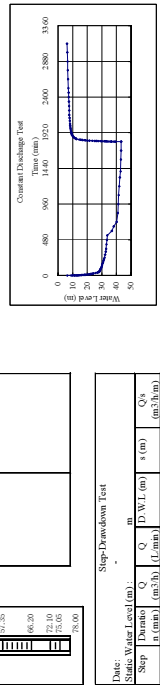
1	1.00	1.00
2	1.00	1.00
3	1.00	1.00
4	1.00	1.00
5	1.00	1.00

Dripping Results

Completion Date:	<u>28-Sep-10</u>
Static Water Level (m):	<u>92.20</u>
Blowdown Yield (l/min):	<u>78</u>
Screen Position (m-m):	<u>39.65-42.6</u>
Q (m ³ /h):	<u>48.5-54.4</u>
D.W.L. (m):	<u>42.60</u>
Recovery after 2hr (m/h):	<u>32.1-39.0</u>
Recovery after 24hr (m/h):	<u>48.50</u>
Recovery after 72hr (m/h):	<u>66.20</u>
Recovery after 175.00 (m/h):	<u>78.00</u>

Dripping Results

Completion Date:	<u>28-Oct-08</u>
Static Water Level (m):	<u>19.00</u>
Blowdown Yield (l/min):	<u>80.9</u>
Screen Position (m-m):	<u>30.75-36.65</u>
Q (m ³ /h):	<u>42.55-45.5</u>
D.W.L. (m):	<u>45.50</u>
Recovery after 2hr (m/h):	<u>37.6-67.15</u>
Recovery after 24hr (m/h):	<u>64.35</u>
Recovery after 72hr (m/h):	<u>72.05</u>
Recovery after 175.00 (m/h):	<u>80.00</u>

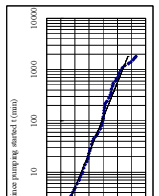
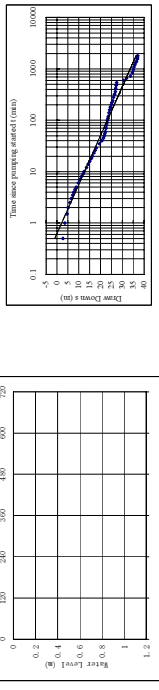


Analysis Results of Constant Discharge Rate Pumping Test

Q (m ³ /h)	<u>3.7</u>
dh1 (m)	<u>14.502057</u>
dh2 (m)	<u>17.645500</u>
Screen Pipe Length (m)	<u>26.55</u>
T (m ³ /h)	<u>1.294E+03</u>
K (m/min)	<u>0.02</u>
Fracture	<u>4.832E+07</u>

Analysis Results of Constant Discharge Rate Pumping Test

Q (m ³ /h)	<u>3.7</u>
dh1 (m)	<u>14.502057</u>
dh2 (m)	<u>17.645500</u>
Screen Pipe Length (m)	<u>26.55</u>
T (m ³ /h)	<u>1.294E+03</u>
K (m/min)	<u>0.02</u>
Fracture	<u>4.832E+07</u>

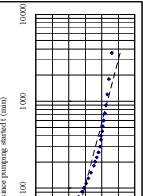
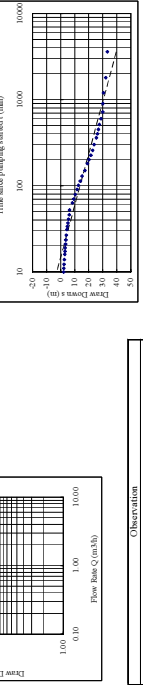


Step Drawdown Test

Step	Duration (min)	Q (l/min)	D.W.L. (m)	Q's (m ³ /h)
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1
5	1	1	1	1

Step Drawdown Test

Step	Duration (min)	Q (l/min)	D.W.L. (m)	Q's (m ³ /h)
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1
5	1	1	1	1



Observation
 Simultaneous pumping test with [NZ-047B11]

Observation
 Simultaneous pumping test with [NZ-047B11]

BH No. NZ-047B11 Date of Submission 28-Oct-08
 Borehole No. 67272010 Contractor DDCA

Village Isanga
 Ward Lusizi
 District/Municipality Nzega

Well Structure

1	1.00	1.00
2	1.00	1.00
3	1.00	1.00
4	1.00	1.00
5	1.00	1.00

Well Structure

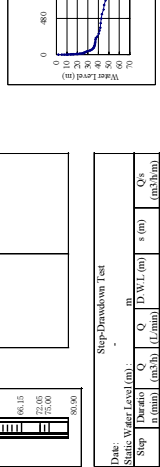
1	1.00	1.00
2	1.00	1.00
3	1.00	1.00
4	1.00	1.00
5	1.00	1.00

Dripping Results

Completion Date:	<u>27-Sep-10</u>
Static Water Level (m):	<u>19.00</u>
Blowdown Yield (l/min):	<u>80.9</u>
Screen Position (m-m):	<u>30.75-36.65</u>
Q (m ³ /h):	<u>42.55-45.5</u>
D.W.L. (m):	<u>45.50</u>
Recovery after 2hr (m/h):	<u>37.6-67.15</u>
Recovery after 24hr (m/h):	<u>64.35</u>
Recovery after 72hr (m/h):	<u>72.05</u>
Recovery after 175.00 (m/h):	<u>80.00</u>

Dripping Results

Completion Date:	<u>28-Oct-08</u>
Static Water Level (m):	<u>19.00</u>
Blowdown Yield (l/min):	<u>80.9</u>
Screen Position (m-m):	<u>30.75-36.65</u>
Q (m ³ /h):	<u>42.55-45.5</u>
D.W.L. (m):	<u>45.50</u>
Recovery after 2hr (m/h):	<u>37.6-67.15</u>
Recovery after 24hr (m/h):	<u>64.35</u>
Recovery after 72hr (m/h):	<u>72.05</u>
Recovery after 175.00 (m/h):	<u>80.00</u>

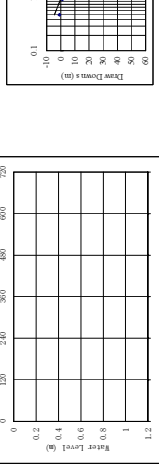


Analysis Results of Constant Discharge Rate Pumping Test

Q (m ³ /h)	<u>3.7</u>
dh1 (m)	<u>14.502057</u>
dh2 (m)	<u>17.645500</u>
Screen Pipe Length (m)	<u>26.55</u>
T (m ³ /h)	<u>1.294E+03</u>
K (m/min)	<u>0.02</u>
Fracture	<u>4.832E+07</u>

Analysis Results of Constant Discharge Rate Pumping Test

Q (m ³ /h)	<u>3.7</u>
dh1 (m)	<u>14.502057</u>
dh2 (m)	<u>17.645500</u>
Screen Pipe Length (m)	<u>26.55</u>
T (m ³ /h)	<u>1.294E+03</u>
K (m/min)	<u>0.02</u>
Fracture	<u>4.832E+07</u>

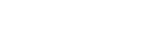
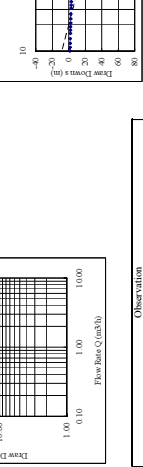


Step Drawdown Test

Step	Duration (min)	Q (l/min)	D.W.L. (m)	Q's (m ³ /h)
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1
5	1	1	1	1

Step Drawdown Test

Step	Duration (min)	Q (l/min)	D.W.L. (m)	Q's (m ³ /h)
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1
5	1	1	1	1



Observation
 Simultaneous pumping test with [NZ-047B12]

Observation
 Simultaneous pumping test with [NZ-047B12]

Isanga Village No.2 Well

Isanga Village No.1 Well

Figure-4 Pumping Test Report (2/6)

BH No. SK-028B11 Date of Submission 28-Oct-08
 Borehole No. 67/2010 Contractor DDCA

Village Usunga
 Ward Kipanga
 District/Municipality Sikonge

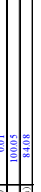
BH No. SK-028B12 Date of Submission 28-Oct-08
 Borehole No. 67/2010 Contractor DDCA

Village Usunga
 Ward Kipanga
 District/Municipality Sikonge

Well Structure
 Completion Date: 25-Sep-10
 Static Water Level (m): 15.00
 Drawn Yield (l/min): 100
 Screen Position (m-m): 131.5
 Q: 40.60 l/s
 D.W.L. (m): 66.746.65
 D.W.L. after 12-hr (m): 71.729
 Static charge rate (l/s): 4.4
 Recovered D.W.L. after 12hr (m): 64.018

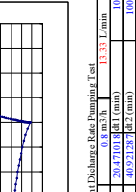
Drilling Results

Completion Date:	25-Sep-10
Static Water Level (m):	15.00
Drawn Yield (l/min):	100
Screen Position (m-m):	131.5
Q:	40.60 l/s
D.W.L. (m):	66.746.65
D.W.L. after 12-hr (m):	71.729
Static charge rate (l/s):	4.4
Recovered D.W.L. after 12hr (m):	64.018



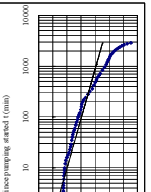
Analysis Results of Constant Discharge Rate Pumping Test

Q	0.8 m ³ /h
dh1 (m)	29.17101 dh1 (mm)
dh2 (m)	29.52526 dh2 (mm)
Screen Pipe Length (m)	12.45
L (m-min)	0.11 dh1 RQ/Qsk
L (m-min)	1.99815 dh2
K (m-min)	6.12726 dh1
K (m-min)	6.12726 dh2



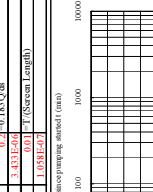
Step Drawdown Test

Date:	27-Oct-10				
Static Water Level (m):	17.39 m				
Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h/m)
1	1.20	0.60	19.83	4.50	0.13
2	1.20	0.60	21.89	4.50	0.13
3	1.20	0.60	13.13	40.08	22.69
4	1.20	1.00	16.67	56.53	59.14
5	1.20	1.20	20	69.23	42.84



Analysis Results of Recovery Test

dh1 (m)	83.14472 dh1 (mm)
dh2 (m)	94.92762 dh2 (mm)
dh (m)	11.84572
Screen Pipe Length (m)	0
L (m-min)	0.21 RQ/Qsk
L (m-min)	3.43164 dh
K (m-min)	1.95815 dh
K (m-min)	1.95815 dh



Observation

BH No. SK-028B11 Date of Submission 28-Oct-08
 Borehole No. 67/2010 Contractor DDCA

Village Usunga
 Ward Kipanga
 District/Municipality Sikonge

Well Structure
 Completion Date: 17-Sep-10
 Static Water Level (m): 29.00
 Drawn Yield (l/min): 98
 Screen Position (m-m): 5
 Q: 282.339.95
 D.W.L. (m): 48.8541.75
 D.W.L. after 12-hr (m): 54.259.65
 Static charge rate (l/s): 4.9
 Recovered D.W.L. after 12hr (m): 49.149.65

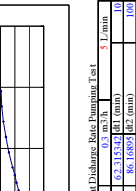
Drilling Results

Completion Date:	17-Sep-10
Static Water Level (m):	29.00
Drawn Yield (l/min):	98
Screen Position (m-m):	5
Q:	282.339.95
D.W.L. (m):	48.8541.75
D.W.L. after 12-hr (m):	54.259.65
Static charge rate (l/s):	4.9
Recovered D.W.L. after 12hr (m):	49.149.65



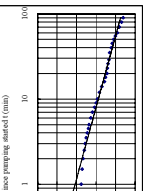
Analysis Results of Constant Discharge Rate Pumping Test

Q	0.8 m ³ /h
dh1 (m)	67.31347 dh1 (mm)
dh2 (m)	67.31347 dh2 (mm)
Screen Pipe Length (m)	41.30
L (m-min)	0.03 dh1 RQ/Qsk
L (m-min)	6.39515 dh2
K (m-min)	1.54902 dh1
K (m-min)	1.54902 dh2



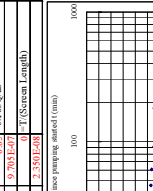
Step Drawdown Test

Date:	17-Sep-10				
Static Water Level (m):	29.00				
Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h/m)
1	1.20	0.60	20.83	4.50	0.13
2	1.20	0.60	21.89	4.50	0.13
3	1.20	0.60	13.13	40.08	22.69
4	1.20	1.00	16.67	56.53	59.14
5	1.20	1.20	20	69.23	42.84



Analysis Results of Recovery Test

dh1 (m)	83.14472 dh1 (mm)
dh2 (m)	94.92762 dh2 (mm)
dh (m)	11.84572
Screen Pipe Length (m)	0
L (m-min)	0.21 RQ/Qsk
L (m-min)	3.43164 dh
K (m-min)	1.95815 dh
K (m-min)	1.95815 dh



Observation

Usunga Village No.2 Well

Usunga Village No.1 Well

Figure-4 Pumping Test Report (3/6)

BH No. **TR-04/BB2** Date of Submission **28-Oct-08**
 Borehole No. **662/2010** Contractor **DDCA**
 Village **Mpumbuli**
 Ward **Kizenge**
 District/Municipality **Taborn Rural**

Well Structure
 Completion Date: **15-Oct-10**
 Static Water Level (m): **28.00**
 Screen Position (m): **12.5**
 D.W.L. after 12hr (m): **66.00**
 Recommended D.W.L. After 12hr (m): **68.05**

Drilling Results
 Completion Date: **15-Oct-10**
 Static Water Level (m): **28.00**
 Screen Position (m): **12.5**
 D.W.L. after 12hr (m): **66.00**
 Recommended D.W.L. After 12hr (m): **68.05**

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	6.00	61.10	28.06	0.21
2	120	7.00	61.07	40.78	0.17
3	120	8.20	63.67	53.91	0.15
4	120	9.80	65.33	74.65	0.13



Constant Discharge Rate Pumping Test

Parameter	Value
Static Water Level (m)	28.00
Duration (min)	9
Q (m ³ /h)	9.80
D.W.L. after 12hr (m)	66.00
Recommended D.W.L. After 12hr (m)	68.05



Analysis Results of Constant Discharge Rate Pumping Test

Parameter	Value
Q (m ³ /h)	9.80
d ₁ (m)	54.545454 (m)
d ₂ (m)	59.636364 (m)
Screen Pipe Length (m)	44.25
T (L (min))	1.53
T (m ³ /m)	2.5554545
K (m/min)	0.03
K (m/s)	5.7742421



Step-Drawdown Test

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	6.00	61.10	28.06	0.21
2	120	7.00	61.07	40.78	0.17
3	120	8.20	63.67	53.91	0.15
4	120	9.80	65.33	74.65	0.13



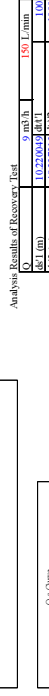
Constant Discharge Rate Pumping Test

Parameter	Value
Static Water Level (m)	28.00
Duration (min)	9
Q (m ³ /h)	9.80
D.W.L. after 12hr (m)	66.00
Recommended D.W.L. After 12hr (m)	68.05



Analysis Results of Constant Discharge Rate Pumping Test

Parameter	Value
Q (m ³ /h)	9.80
d ₁ (m)	54.545454 (m)
d ₂ (m)	59.636364 (m)
Screen Pipe Length (m)	44.25
T (L (min))	1.53
T (m ³ /m)	2.5554545
K (m/min)	0.03
K (m/s)	5.7742421



Step-Drawdown Test

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	6.00	61.10	28.06	0.21
2	120	7.00	61.07	40.78	0.17
3	120	8.20	63.67	53.91	0.15
4	120	9.80	65.33	74.65	0.13



Constant Discharge Rate Pumping Test

Parameter	Value
Static Water Level (m)	28.00
Duration (min)	9
Q (m ³ /h)	9.80
D.W.L. after 12hr (m)	66.00
Recommended D.W.L. After 12hr (m)	68.05



Analysis Results of Constant Discharge Rate Pumping Test

Parameter	Value
Q (m ³ /h)	9.80
d ₁ (m)	54.545454 (m)
d ₂ (m)	59.636364 (m)
Screen Pipe Length (m)	44.25
T (L (min))	1.53
T (m ³ /m)	2.5554545
K (m/min)	0.03
K (m/s)	5.7742421



Step-Drawdown Test

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	6.00	61.10	28.06	0.21
2	120	7.00	61.07	40.78	0.17
3	120	8.20	63.67	53.91	0.15
4	120	9.80	65.33	74.65	0.13



Constant Discharge Rate Pumping Test

Parameter	Value
Static Water Level (m)	28.00
Duration (min)	9
Q (m ³ /h)	9.80
D.W.L. after 12hr (m)	66.00
Recommended D.W.L. After 12hr (m)	68.05



Analysis Results of Constant Discharge Rate Pumping Test

Parameter	Value
Q (m ³ /h)	9.80
d ₁ (m)	54.545454 (m)
d ₂ (m)	59.636364 (m)
Screen Pipe Length (m)	44.25
T (L (min))	1.53
T (m ³ /m)	2.5554545
K (m/min)	0.03
K (m/s)	5.7742421



BH No. **SK-037B12** Date of Submission **28-Oct-08**
 Borehole No. **669/2010** Contractor **DDCA**
 Village **Mpombwe**
 Ward **Pungule**
 District/Municipality **Sikonge**

Well Structure
 Completion Date: **13-Sep-10**
 Static Water Level (m): **40.00**
 Screen Position (m): **91**
 D.W.L. after 12hr (m): **204.23**
 Recommended D.W.L. After 12hr (m): **205.32**

Drilling Results
 Completion Date: **13-Sep-10**
 Static Water Level (m): **40.00**
 Screen Position (m): **91**
 D.W.L. after 12hr (m): **204.23**
 Recommended D.W.L. After 12hr (m): **205.32**

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	0.5	61.10	28.06	0.0175
2	120	0.5	61.07	40.78	0.0125
3	120	0.5	63.67	53.91	0.0093
4	120	0.5	65.33	74.65	0.0067



Constant Discharge Rate Pumping Test

Parameter	Value
Static Water Level (m)	40.00
Duration (min)	5
Q (m ³ /h)	0.5
D.W.L. after 12hr (m)	204.23
Recommended D.W.L. After 12hr (m)	205.32



Analysis Results of Constant Discharge Rate Pumping Test

Parameter	Value
Q (m ³ /h)	0.5
d ₁ (m)	61.071429 (m)
d ₂ (m)	61.875000 (m)
Screen Pipe Length (m)	13.40
T (L (min))	1.4172-06
T (m ³ /m)	3.9894-04
K (m/min)	0.00
K (m/s)	0.00



Step-Drawdown Test

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	0.5	61.10	28.06	0.0175
2	120	0.5	61.07	40.78	0.0125
3	120	0.5	63.67	53.91	0.0093
4	120	0.5	65.33	74.65	0.0067



Constant Discharge Rate Pumping Test

Parameter	Value
Static Water Level (m)	40.00
Duration (min)	5
Q (m ³ /h)	0.5
D.W.L. after 12hr (m)	204.23
Recommended D.W.L. After 12hr (m)	205.32



Analysis Results of Constant Discharge Rate Pumping Test

Parameter	Value
Q (m ³ /h)	0.5
d ₁ (m)	61.071429 (m)
d ₂ (m)	61.875000 (m)
Screen Pipe Length (m)	13.40
T (L (min))	1.4172-06
T (m ³ /m)	3.9894-04
K (m/min)	0.00
K (m/s)	0.00



Step-Drawdown Test

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h.m)
1	120	0.5	61.10	28.06	0.0175
2	120	0.5	61.07	40.78	0.0125
3	120	0.5	63.67	53.91	0.0093
4	120	0.5	65.33	74.65	0.0067



Constant Discharge Rate Pumping Test

Parameter	Value
Static Water Level (m)	40.00
Duration (min)	5
Q (m ³ /h)	0.5
D.W.L. after 12hr (m)	204.23
Recommended D.W.L. After 12hr (m)	205.32



Analysis Results of Constant Discharge Rate Pumping Test

Parameter	Value
Q (m ³ /h)	0.5
d ₁ (m)	61.071429 (m)
d ₂ (m)	61.875000 (m)
Screen Pipe Length (m)	13.40
T (L (min))	1.4172-06
T (m ³ /m)	3.9894-04
K (m/min)	0.00
K (m/s)	0.00




Mpombwe Village No.2 Well

Mpumbuli Village No.2 Well

Figure-4 Pumping Test Report (4/6)

BH No. **TR-069BH2** Date of Submission **28-Oct-08**
 Borehole No. **6652010** Contractor **DDCA**
 Village **Mabama**
 Ward **Mabama**
 District/Municipality **Taberna Rural**

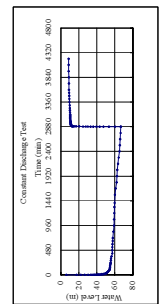
Well Structure


Drying Results

Completion Date	15-Sep-10
Static Water Level (m)	10.60
Casing Bottom (m)	63.7
Screen Position (m)	
Q (m ³ /h)	31.25-34.2
D.W.L. (m)	9.7-15.46
Specific Capacity (liters/m ³ h)	91.5-143.9
Recovered D.W.L. After 1hr (m)	16.60
Recovered D.W.L. After 2hr (m)	14.85
Recovered D.W.L. After 3hr (m)	14.20

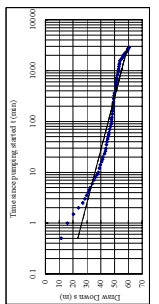
Constant Discharge Rate Pumping Test

Date	25-Sep-10
Static Water Level (m)	6.31
Duration (min)	280
Q (m ³ /h)	1.30
D.W.L. after 1.2hr (m)	66.69
Specific Capacity (liters/m ³ h)	57.78
Recovered D.W.L. After 1hr (m)	67.7
Recovered D.W.L. After 2hr (m)	67.0
Recovered D.W.L. After 3hr (m)	67.0



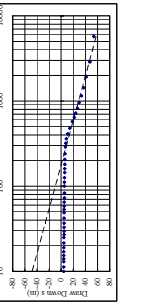
Step-Drawdown Test
 Date: 14-Oct-10
 Static Water Level (m): 11.68 m

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h/m)
1	120	0.40	20.97	17.04	5.36
2	120	0.60	19.18	10.21	0.66
3	120	0.80	13.13	40.08	28.40
4	120	1.00	16.67	56.53	44.85
5	120	1.20	21.62	69.23	48.53



Analysis Results of Constant Discharge Rate Pumping Test


Q	1.4
d ₁ (m)	5.950355
d ₂ (m)	5.35775
Screen Pipe Length (m)	11.80
L (m/min)	4.48
K (m ³ /m)	7.4717549
K (m/min)	6.3332498



Analysis Results of Recovery Test

Q	1.4
d ₁ (m)	5.776011
d ₂ (m)	5.650767
d ₃ (m)	5.568894
Screen Pipe Length (m)	11.80
L (m/min)	1.14
K (m ³ /m)	1.851765
K (m/min)	0.99

BH No. **TR-069BH1** Date of Submission **29-Oct-08**
 Borehole No. **6642010** Contractor **DDCA**
 Village **Mabama**
 Ward **Mabama**
 District/Municipality **Taberna Rural**

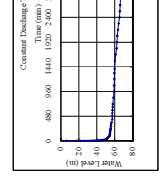
Well Structure


Drying Results

Completion Date	05-Sep-10
Static Water Level (m)	5.00
Casing Bottom (m)	75.7
Screen Position (m)	
Q (m ³ /h)	58.6-69.8
D.W.L. (m)	
Specific Capacity (liters/m ³ h)	
Recovered D.W.L. After 1hr (m)	11.0
Recovered D.W.L. After 2hr (m)	11.0
Recovered D.W.L. After 3hr (m)	11.0

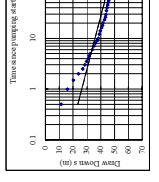
Constant Discharge Rate Pumping Test

Date	25-Sep-10
Static Water Level (m)	6.31
Duration (min)	280
Q (m ³ /h)	1.30
D.W.L. after 1.2hr (m)	66.69
Specific Capacity (liters/m ³ h)	57.78
Recovered D.W.L. After 1hr (m)	67.7
Recovered D.W.L. After 2hr (m)	67.0
Recovered D.W.L. After 3hr (m)	67.0



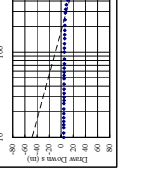
Step-Drawdown Test
 Date: 25-Sep-10
 Static Water Level (m): 5.93 m

Step	Duration (min)	Q (m ³ /h)	D.W.L. (m)	s (m)	Q/s (m ³ /h/m)
1	120	1.00	18.53	56.50	16.94
2	120	1.50	14.83	36.37	0.56
3	120	2.50	9.21	41.28	0.20
4	120	3.50	5.12	49.19	0.28
5	120	4.50	2.53	61.60	0.24



Analysis Results of Constant Discharge Rate Pumping Test

Q	1.4
d ₁ (m)	5.776011
d ₂ (m)	5.650767
d ₃ (m)	5.568894
Screen Pipe Length (m)	11.80
L (m/min)	1.14
K (m ³ /m)	1.851765
K (m/min)	0.99



Analysis Results of Recovery Test

Q	1.4
d ₁ (m)	5.776011
d ₂ (m)	5.650767
d ₃ (m)	5.568894
Screen Pipe Length (m)	11.80
L (m/min)	1.14
K (m ³ /m)	1.851765
K (m/min)	0.99

Mabama Village No.2 Well

Mabama Village No.1 Well

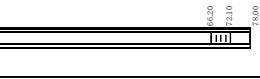
Figure-4 Pumping Test Report (5/6)

BH No. **IG-007BH1**
 Borehole No. **6752010**

Village **Igumo**
 Ward **Chabutwa**
 District/Municipality **Lejunga**

Date of Submission **28-Oct-08**
 Contractor **DDCA**

Well Structure

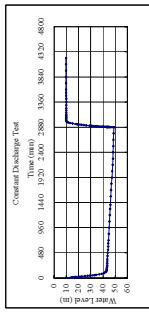


Drilling Results

Completion Date	28-Sep-10
Static Water Level (m)	3.00
Flow Rate (m ³ /hr)	38
Screen Position (m-m)	662-721

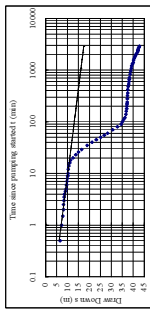
Constant Discharge Rate Pumping Test

Date	27-Oct-10
Static Water Level (m)	16.67
Duration (min)	2800
Q (m ³ /h)	10.0
D.W.L. (m)	13.16
S.W.L. after 12 hr (m)	49.93
Specific Capacity (m ³ /hr/m)	0.19
Recovery (D.W.L. After 12hr)	39.23
Recovered D.W.L. After 12hr	17.76



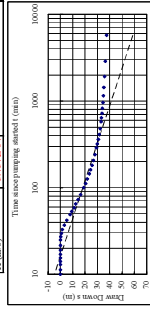
Analysis Results of Constant Discharge Rate Pumping Test

Q (m ³ /h)	10.0
d ₁ (m)	10.12047 (d1 (mm))
d ₂ (m)	7.581151 (d2 (mm))
Screen Pipe Length (m)	5.30
L (m/min)	1.00
T (m ³ /h)	1717.643
K (m/min)	2.910244



Analysis Results of Recovery Test

d ₁ (m)	18.20985 (d1 (m))
d ₂ (m)	11.50793 (d1 (m))
d ₃ (m)	23.01972 (d1 (m))
Screen Pipe Length (m)	5.30
L (m/min)	0.02
K (m/min)	3.7771467

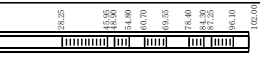


BH No. **KK-008BH1**
 Borehole No. **6632010**

Village **Kakola**
 Ward **Kakola**
 District/Municipality **Tabara Urban**

Date of Submission **28-Oct-08**
 Contractor **DDCA**

Well Structure

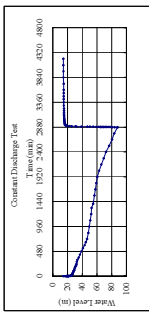


Drilling Results

Completion Date	31-Mar-10
Static Water Level (m)	14.50
Flow Rate (m ³ /hr)	102
Screen Position (m-m)	28-234-535-48-90-58-80-80-70-69-58-78-60-48-35-61-25-96-16

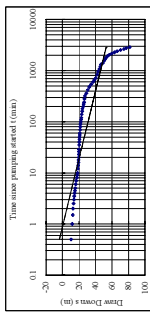
Constant Discharge Rate Pumping Test

Date	30-Oct-10
Static Water Level (m)	14.5
Duration (min)	2800
Q (m ³ /h)	6.00
D.W.L. (m)	13.16
S.W.L. after 12 hr (m)	49.93
Specific Capacity (m ³ /hr/m)	0.19
Recovery (D.W.L. After 12hr)	16.61



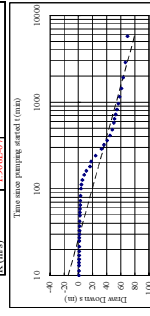
Analysis Results of Constant Discharge Rate Pumping Test

Q (m ³ /h)	6.00
d ₁ (m)	13.59451 (d1 (mm))
d ₂ (m)	1.530931 (d2 (mm))
Screen Pipe Length (m)	47.20
L (m/min)	1.21
T (m ³ /h)	2.078145
K (m/min)	4.291143



Analysis Results of Recovery Test

d ₁ (m)	42.71212 (d1 (m))
d ₂ (m)	53.63489 (d1 (m))
d ₃ (m)	33.86624
Screen Pipe Length (m)	47.20
L (m/min)	0.01
K (m/min)	1.9081407



BH No. **IG-007BH1**
 Borehole No. **6752010**

Village **Igumo**
 Ward **Chabutwa**
 District/Municipality **Lejunga**

Date of Submission **28-Oct-08**
 Contractor **DDCA**

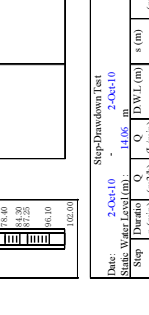
Well Structure

Drilling Results

Completion Date	28-Sep-10
Static Water Level (m)	3.00
Flow Rate (m ³ /hr)	38
Screen Position (m-m)	662-721

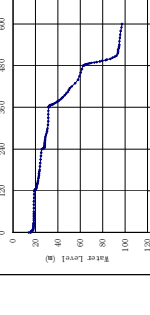
Constant Discharge Rate Pumping Test

Date	27-Oct-10
Static Water Level (m)	16.61
Duration (min)	2800
Q (m ³ /h)	10.0
D.W.L. (m)	13.16
S.W.L. after 12 hr (m)	49.93
Specific Capacity (m ³ /hr/m)	0.19
Recovery (D.W.L. After 12hr)	39.23
Recovered D.W.L. After 12hr	17.76



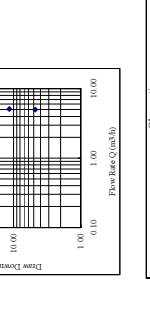
Analysis Results of Constant Discharge Rate Pumping Test

Q (m ³ /h)	10.0
d ₁ (m)	10.12047 (d1 (mm))
d ₂ (m)	7.581151 (d2 (mm))
Screen Pipe Length (m)	5.30
L (m/min)	1.00
T (m ³ /h)	1717.643
K (m/min)	2.910244



Analysis Results of Recovery Test

d ₁ (m)	18.20985 (d1 (m))
d ₂ (m)	11.50793 (d1 (m))
d ₃ (m)	23.01972 (d1 (m))
Screen Pipe Length (m)	5.30
L (m/min)	0.02
K (m/min)	3.7771467



Igumo Village No.1 Well

Kakola Village No.1 Well

Figure-4 Pumping Test Report (6/6)