

I. LAND USE

- 1. TOTAL AREA 15400 HA (100.%))
- 2. ARABLE AREA 5000 HA (32.%))
- 3. GRAZING AREA 10400 HA (68.%))

II. SOCIAL ASPECT

- 1. POPULATION 6100
- 2. POPULATION DENSITY 39.6 /KM2
- 3. NO.OF HOUSEHOLDS 605 (100.%)
- 4. NO.OF PLOT HOLDERS 440 (73.%)
- 5. NO.OF LIVESTOCK OWNERS 378 (62.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 6100.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C CHIREZI
- 12. DISTANCE TO ABOVE CENTRE 155 KM
- 13. LITERACY RATE 10-20 %

III. AGRICULTURE

- 1. NATURAL REGION V
- 2. SOIL
- (1) SOIL TEXTURE SANDY LOAM LOAM SANDY CLAY LOAM
- (2) SOIL DEPTH 0.5-1.0M
- (3) SOIL PH N.A
- (4) LAND SLOPE FLAT UNDULATE *
- 3.CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	900	7	0.18
(2) RAPOCO	300	5	0.06
(3) MHUNGA	1100	9	0.22
(4) GROUNDNUTS **	300	7	0.06
(5) SORGHUM	1900	11	0.28
(6) COTTON ***	10	600	0.00
(7) SUNFLOWER	50	6	0.01

*)...1RAGS=91KG BUT #0KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK
- (1) CATTLE 2500
- (2) GOATS & SHEEP 860
- (3) DONKEY 160
- (4) LIVESTOCK UNITS (LSU) * 1775
- (5) LSU PER KM2 (LSU) 11.5
- (6) GRAZING AREA PER LSU (HA) 5.9

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	5	0.03	1220.
(2) WELL	NIL	-	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	FAIR	4.0
(2) LIVESTOCK	1) 2)	FAIR	4.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS 1
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 33
- 3. MASTER FARMERS' CLUB 5
- 4. WOMEN'S GROUP 5
- 5. YOUTH GROUP 5

VIII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 8.3
- 2. GRAZING AREA (HA) 17.2
- 3. CROPPING AREA OF MAIZE (HA) 1.5
- 4. CROPPING AREA OF SORGHUM (HA) 3.1
- 5. NO.OF FAMILY MEMBERS 10.1
- 6. NO.OF CATTLE 4.1
- 7. LIVESTOCK UNITS (LSU) 2.9
- 8. INCOME PER ANNUM ZS 100-200
- 9. MAIN INCOME SOURCE LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 10550 HA (100.%)
- 2. ARABLE AREA 4000 HA (38.%)
- 3. GRAZING AREA 6550 HA (62.%)

5. DROUGHT DAMEGE

(1) CROPS YES
(2) LIVESTOCK NO

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 5432
- 2. POPULATION DENSITY 51.5 /KM²
- 3. NO.OF HOUSEHOLDS 596 (100.%)
- 4. NO.OF PLOTHOLDERS 400 (67.%)
- 5. NO.OF LIVESTOCK OMENERS 372 (62.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 5432.
- 8. NO.OF SECONDARY SCHOOLS NIL
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C CHIREDZI
- 12. DISTANCE TO ABOVE CENTRE 100 KM
- 13. LITERACY RATE 10-20 %

III. AGRICULTURE

- 1. NATURAL REGION V
- 2. SOIL
 - (1) SOIL TEXTURE SAND-LOAMY SAND SANDY LOAM LOAM
 - (2) SOIL DEPTH 0.5-1.0M
 - (3) SOIL PH N.A
 - (4) LAND SLOPE UNDUULATE SLOPE
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA TO ARABLE AREA	RATE OF
(1) MAIZE	700	7	0.17	
(2) RAPOCO	100	5	0.02	
(3) MHUNGA	1000	9	0.25	
(4) GROUNDNUTS **)	400	7	0.10	
(5) SORGHUM	1800	11	0.45	
(6) COTTON ***)	20	600	0.00	
(7) SUNFLOWER	NIL	--	--	

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHILLED
 ***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK
 - (1) CATTLE N.A
 - (2) GOATS & SHEEP N.A
 - (3) DONKEY N.A
 - (4) LIVESTOCK UNITS (LSU) * N.A
 - (5) LSUS PER KM² (LSU) N.A
 - (6) GRAZING AREA PER LSU (HA) N.A

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM ²	POPULATION PER PWS
(1) BOREHOLE	6	0.06	905.
(2) WELL	N.A	N.A	N.A

IV. RURAL WATER SUPPLY

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	FAIR	2.0
(2) LIVESTOCK	1) 2)	FAIR	4.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS N.A
- 2. CATTLE SALE PFNS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY N.A
- 1. MASTER FARMERS 25
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 6.7
- 2. GRAZING AREA (HA) 11.0
- 3. CROPPING AREA OF MAIZE (HA) 1.2
- 4. CROPPING AREA OF SORGHUM (HA) 3.0
- 5. NO.OF FAMILY MEMBERS 9.1
- 6. NO.OF CATTLE N.A
- 7. LIVESTOCK UNITS (LSU) N.A
- 8. INCOME PER ANNUM < 25 100
- 9. MAIN INCOME SOURCE LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	15000 HA (100.%)
2. ARABLE AREA	6900 HA (46.%)
3. GRAZING AREA	8100 HA (54.%)

II. SOCIAL ASPECT

1. POPULATION DENSITY	5700
2. NO. OF HOUSEHOLDS	38.0 /KM2
3. NO. OF PLOTHOLDERS	610 (100.%)
4. NO. OF LIVESTOCK OWNERS	412 (68.%)
5. NO. OF PRIMARY SCHOOLS (P.S)	381 (62.%)
6. NO. OF SECONDARY SCHOOLS	3
7. POPULATION PER P.S	1900.
8. NO. OF BUSINESS CENTRES	1
9. NO. OF CLINICS	2
10. NEAREST TOWN/D.S./C/S.P/R.S.C	CHIREZDI
11. DISTANCE TO ABOVE CENTRE	80 KM
12. LITERACY RATE	10-20 %

III. AGRICULTURE

1. NATURAL REGION	V
2. SOIL	LOAM SANDY CLAY LOAM
(1) SOIL TEXTURE	0.5-1.0M
(2) SOIL DEPTH	N.A
(3) SOIL PH	
(4) LAND SLOPE	UNDULATE
3. CROPS	AREA (HA) YIELD (BAGS/HA) TO ARABLE AREA RATE OF CROPPING AREA
(1) MAIZE	100 7 0.01
(2) RAPOCO	50 5 0.01
(3) MHUNGA	2000 9 0.29
(4) GROUNDNUTS **	300 7 0.04
(5) SORGHUM	3000 11 0.43
(6) COTTON ***	10 600 0.00
(7) SUNFLOWER	NIL - -

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	4790
(2) GOATS & SHEEP	1470
(3) DONKEY	N.A
(4) LIVESTOCK UNITS (LSU) *	N.A
(5) LSU PER KM2 (LSU)	N.A
(6) GRAZING AREA PER LSU (HA)	N.A

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

(1) CROPS	YES
(2) LIVESTOCK	NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	6	950.
(2) WELL	N.A	N.A

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	GOOD	2.0
(2) LIVESTOCK	1) 2)	FAIR	3.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	N.A
2. CATTLE SALE PFNS	1
3. COOPERATIVE MARKETING OUTLETS	1
4. ELECTRICITY	YES
5. POST	NIL
6. TELEPHONE	1

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	N.A
1. MASTER FARMERS	13
3. MASTER FARMERS' CLUB	6
4. WOMEN'S GROUP	6
5. YOUTH GROUP	6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	11.3
2. GRAZING AREA (HA)	13.3
3. CROPPING AREA OF MAIZE (HA)	0.2
4. CROPPING AREA OF SORGHUM (HA)	4.9
5. NO. OF FAMILY MEMBERS	9.3
6. NO. OF CATTLE	7.9
7. LIVESTOCK UNITS (LSU)	N.A
8. INCOME PER ANNUM	< ZS 100
9. MAIN INCOME SOURCE	LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 4200 HA (100.%)
- 2. ARABLE AREA 2200 HA (52.%)
- 3. GRAZING AREA 2000 HA (48.%)

- 5. BROUGHT DAMAGE (1) CROPS YES
- (2) LIVESTOCK NO

II. SOCIAL ASPECT

- 1. POPULATION 6200
- 2. POPULATION DENSITY 147.6 /KM2
- 3. NO. OF HOUSEHOLDS 605 (100.%)
- 4. NO. OF PLOT HOLDERS 500 (83.%)
- 5. NO. OF LIVESTOCK OWNERS 378 (62.%)
- 6. NO. OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 6200.
- 8. NO. OF SECONDARY SCHOOLS N.A
- 9. NO. OF BUSINESS CENTRES 2
- 10. NO. OF CLINICS 1
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C CHIREZI
- 12. DISTANCE TO ABOVE CENTRE 70 KM
- 13. LITERACY RATE 10-20 %

III. AGRICULTURE

- 1. NATURAL REGION V
 - 2. SOIL SANDY CLAY LOAM CLAY-LOAM
 - (1) SOIL TEXTURE LOAM
 - (2) SOIL DEPTH 0.5-1.0M
 - (3) SOIL PH N.A
 - (4) LAND SLOPE FLAT
 - 3. CROPS UNDULATE * RATE OF CROPPING AREA
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CROPPING AREA TO ARABLE AREA |
|-------------------|-------------|-------------------|--------------------------------------|
| (1) MAIZE | 400 | 7 | 0.18 |
| (2) RAPOCO | 20 | 5 | 0.01 |
| (3) MHUNGA | 600 | 9 | 0.27 |
| (4) GROUNDNUTS ** | 50 | 7 | 0.02 |
| (5) SORGHUM | 1000 | 11 | 0.45 |
| (6) COTTON *** | 5 | 600 | 0.00 |
| (7) SUNFLOWER | NIL | - | - |
- *)...BAGS*91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK N.A
- (1) CATTLE N.A
- (2) GOATS & SHEEP N.A
- (3) DONKEY N.A
- (4) LIVESTOCK UNITS (LSU) * N.A
- (5) LSU PER KM2 (LSU) N.A
- (6) GRAZING AREA PER LSU (HA) N.A
- *)...CATTLE=0.6LSU, GOATS&SHEEP=0.3LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS	DISTANCE TO SOURCE (KM)
(1) BOREHOLE	7	0.17	886.	2.0
(2) WELL	1	0.02	6200.	3.0

2. WATER SUPPLY SITUATION MAIN * WATER SECURITY DISTANCE TO SOURCE (KM)

UTILIZATION	SOURCE	SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	FAIR	2.0
(2) LIVESTOCK	1) 2)	FAIR	3.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS N.A
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY YES
- 5. POST NIL
- 6. TELEPHONE 2

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY N.A
- 1. MASTER FARMERS 7
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 3.6
- 2. GRAZING AREA (HA) 3.3
- 3. CROPPING AREA OF MAIZE (HA) 0.7
- 4. CROPPING AREA OF SORGHUM (HA) 1.7
- 5. NO. OF FAMILY MEMBERS 10.2
- 6. NO. OF CATTLE N.A
- 7. LIVESTOCK UNITS (LSU) N.A
- 8. INCOME PER ANNUM < ZS 100
- 9. MAIN INCOME SOURCE LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 9700 HA (100.%)
- 2. ARABLE AREA 4500 HA (46.%)
- 3. GRAZING AREA 5200 HA (54.%)

II. SOCIAL ASPECT

- 1. POPULATION 6100
- 2. POPULATION DENSITY 62.9 /KM2
- 3. NO.OF HOUSEHOLDS 600 (100.%)
- 4. NO.OF PLOTHOLDERS 512 (85.%)
- 5. NO.OF LIVESTOCK OWNERS 375 (63.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 6100.
- 8. NO.OF SECONDARY SCHOOLS NIL
- 9. NO.OF BUSINESS CENTRES 2
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C.V./P/R./S.C CHIREDZI
- 12. DISTANCE TO ABOVE CENTRE 80 KM
- 13. LITERACY RATE 10-20 %

III. AGRICULTURE

- 1. NATURAL REGION V
- 2. SOIL SANDY CLAY LOAM CLAY-LOAM
- (1) SOIL TEXTURE LOAM
- (2) SOIL DEPTH 0.5-1.0M
- (3) SOIL PH N.A
- (4) LAND SLOPE FLAT
- 3. CROPS UNDUULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	700	7	0.16
(2) RAPOGO	100	5	0.02
(3) MHUNGA	1000	9	0.22
(4) GROUNDNUTS **	300	7	0.07
(5) SORGHUM	1900	11	0.42
(6) COTTON ***	25	600	0.01
(7) SUNFLOWER	NIL	-	-

**)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, .55KG FOR SUNFLOWER
 ***)...UNSHELLED
 ****)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK
- (1) CATTLE 6240
- (2) GOATS & SHEEP 620
- (3) DONKEY N.A
- (4) LIVESTOCK UNITS (LSU) * N.A
- (5) LSU PER KM2 (LSU) N.A
- (6) GRAZING AREA PER LSU (HA) N.A

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMEGE

YES
NO

- (1) CROPS
- (2) LIVESTOCK

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	9	0.09	678.
(2) WELL	2	0.02	3050.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	FAIR	2.0
(2) LIVESTOCK	1) 2)	FAIR	3.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS N.A
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY N.A
- 1. MASTER FARMERS 28
- 3. MASTER FARMERS' CLUB 5
- 4. WOMEN'S GROUP 5
- 5. YOUTH GROUP 5

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 7.5
- 2. GRAZING AREA (HA) 8.7
- 3. CROPPING AREA OF MAIZE (HA) 1.2
- 4. CROPPING AREA OF SORGHUM (HA) 3.2
- 5. NO.OF FAMILY MEMBERS 10.2
- 6. NO.OF CATTLE 10.4
- 7. LIVESTOCK UNITS (LSU) N.A
- 8. INCOME PER ANNUM < 25 100
- 9. MAIN INCOME SOURCE LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 89000 HA (100.%)
- 2. ARABLE AREA 9000 HA (10.%)
- 3. GRAZING AREA 80000 HA (90.%)

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 7000 7.9 /KM2
- 2. NO. OF HOUSEHOLDS 800 (100.%)
- 3. NO. OF PLOTHOLDERS 800 (100.%)
- 4. NO. OF LIVESTOCK OWNERS 250 (31.%)
- 5. NO. OF PRIMARY SCHOOLS (P.S) 1
- 6. NO. OF SECONDARY SCHOOLS 7000.
- 7. NO. OF BUSINESS CENTRES NIL
- 8. NO. OF CLINICS 1
- 9. NEAREST TOWN/D.S./C/G.P/R.S.C CHIREZI
- 10. DISTANCE TO ABOVE CENTRE 170 KM
- 11. LITERACY RATE 5-10 %

III. AGRICULTURE

- 1. NATURAL REGION V
- 2. SOIL SANDY LOAM SANDY LOAM SANDY CLAY LOAM
- (1) SOIL TEXTURE SAND-LOAMY SAND SANDY LOAM SANDY CLAY LOAM
- (2) SOIL DEPTH 0.3-1.0M 0.5M >
- (3) SOIL PH N.A
- (4) LAND SLOPE UNDUULATE SLOPE
- 3. CROPS AREA YIELD CROPPING AREA RATE OF

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA (HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1000	7	0.11	
(2) RAPOCO	NIL	-	-	
(3) MHUNGA	500	9	0.06	
(4) GROUNDNUTS **)	300	7	0.03	
(5) SORGHUM	3000	11	0.33	
(6) COTTON ***)	NIL	-	-	
(7) SUNFLOWER	NIL	-	-	

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT (S KG/HA)

- 4. LIVESTOCK
- (1) CATTLE 4129
- (2) GOATS & SHEEP 1675
- (3) DONKEY 340
- (4) LIVESTOCK UNITS (LSU) *) 2987
- (5) LSU PER KM2 (LSU) 3.4
- (6) GRAZING AREA PER LSU (HA) 26.8

*)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMEGE

(1) CROPS YES
 (2) LIVESTOCK NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	8	0.01	875.
(2) WELL	NIL	-	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	POOR	6.0
(2) LIVESTOCK	1) 2)	POOR	6.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 4
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 2. MASTER FARMERS 8
- 3. MASTER FARMERS' CLUB 8
- 4. WOMEN'S GROUP 8
- 5. YOUTH GROUP 8

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 11.3
- 2. GRAZING AREA (HA) 100.0
- 3. CROPPING AREA OF MAIZE (HA) 1.3
- 4. CROPPING AREA OF SORGHUM (HA) 3.8
- 5. NO. OF FAMILY MEMBERS 8.8
- 6. NO. OF CATTLE 5.2
- 7. LIVESTOCK UNITS (LSU) 3.7
- 8. INCOME PER ANNUM (ZS 100 LIVESTOCK
- 9. MAIN INCOME SOURCE

SOURCE : AGRITEX, 1986

1. LAND USE

- 1. TOTAL AREA 37000 HA (100.%))
- 2. ARABLE AREA 4000 HA (11.%))
- 3. GRAZING AREA 33000 HA (89.%))

5. DROUGHT DAMAGE
(1) CROPS
(2) LIVESTOCK

YES
NO

II. SOCIAL ASPECT

- 1. POPULATION 6000
- 2. POPULATION DENSITY 16.2 /KM2
- 3. NO.OF HOUSEHOLDS 600 (100.%)
- 4. NO.OF PLOTHOLDERS 600 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 272 (45.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 6000.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C CHIREZI
- 12. DISTANCE TO ABOVE CENTRE 210 KM
- 13. LITERACY RATE 5-10 %

III. AGRICULTURE

- 1. NATURAL REGION V
- 2. SOIL (1) SOIL TEXTURE SAND-LOAMY SAND SANDY LOAM SANDY CLAY LOAM
- (2) SOIL DEPTH 1.0M < 0.5-1.0M
- (3) SOIL PH N.A
- (4) LAND SLOPE UNDUULATE SLOPE
- 3. CROPS AREA YIELD CROPPING AREA RATE OF (HA) (BAGS/HA) TO ARABLE AREA

(1) MAIZE	900	7	0.22
(2) RAPOCO	NIL	-	-
(3) MHUNGA	400	9	0.10
(4) GROUNDNUTS **)	200	7	0.05
(5) SORGHUM	2000	11	0.50
(6) COTTON ***)	NIL	-	-
(7) SUNFLOWER	NIL	-	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)... UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 5000
- (2) GOATS & SHEEP 1650
- (3) DONKEY 360
- (4) LIVESTOCK UNITS (LSU) *) 3559
- (5) LSU PER KM2 (LSU) 9.6
- (6) GRAZING AREA PER LSU (HA) 9.3

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	6	1000.
(2) WELL	NIL	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN *)	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	POOR	6.0
(2) LIVESTOCK	1) 2)	POOR	6.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 4
- 2. CATTLE SALE PENS 1
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 11
- 3. MASTER FARMERS + CLUB 6
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 6.7
- 2. GRAZING AREA (HA) 55.0
- 3. CROPPING AREA OF MAIZE (HA) 1.5
- 4. CROPPING AREA OF SORGHUM (HA) 3.3
- 5. NO.OF FAMILY MEMBERS 10.0
- 6. NO.OF CATTLE 8.3
- 7. LIVESTOCK UNITS (LSU) 5.9
- 8. INCOME PER ANNUM < 25 100
- 9. MAIN INCOME SOURCE LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 34000 HA (100.%)
- 2. ARABLE AREA 4000 HA (12.%)
- 3. GRAZING AREA 30000 HA (88.%)

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6000
- 2. POPULATION 17.6 /KM2
- 3. NO.OF HOUSEHOLDS 600 (100.%)
- 4. NO.OF PLOT HOLDERS 600 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 262 (44.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 6000.
- 8. NO.OF SECONDARY SCHOOLS NIL
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G./P/R./S.C CHIREDEZI
- 12. DISTANCE TO ABOVE CENTRE 255 KM
- 13. LITERACY RATE 5-10 %

III. AGRICULTURE

- 1. NATURAL REGION V
- 2. SOIL SAND-LOAMY SAND SANDY LOAM SANDY CLAY LOAM
- (1) SOIL TEXTURE 1.0M < 0.5-1.0M 0.5M >
- (2) SOIL DEPTH N.A
- (3) SOIL PH UNDUULATE SLOPE *) RATE OF CROPPING AREA
- (4) LAND SLOPE AREA (HA) (BAGS/HA) TO ARABLE AREA
- 3.CROPS YIELD (BAGS/HA) TO ARABLE AREA

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	900	7	0.22
(2) RAPOCO	NIL	-	-
(3) MHUNGA	400	9	0.10
(4) GROUNDNUTS (**)	200	7	0.05
(5) SORGHUM	2000	11	0.20
(6) COTTON (***)	NIL	-	-
(7) SUNFLOWER	NIL	-	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK
- (1) CATTLE 4500
- (2) GOATS & SHEEP 1700
- (3) DONKEY 314
- (4) LIVESTOCK UNITS (LSU) * 3221
- (5) LSU PER KM2 (LSU) 9.5
- (6) GRAZING AREA PER LSU (HA) 9.3
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

- 5. DROUGHT DAMEGE YES
- (1) CROPS NO
- (2) LIVESTOCK

IV. RURAL WATER SUPPLY

- 1. PRIMARY WATER SUPPLY SOURCE (PWS)
- SOURCE NO.OF PWS NO.OF PWS PER KM2 POPULATION PER PWS
- (1) BOREHOLE 6 0.02 1000.
- (2) WELL NIL - -
- 2. WATER SUPPLY SITUATION MAIN *) WATER SECURITY DISTANCE TO SOURCE (KM)
- UTILIZATION SOURCE
- (1) DOMESTIC 1) 2) POOR 6.0
- (2) LIVESTOCK 1) 2) POOR 6.0
- *)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 4
- 2. CATTLE SALE PFNS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 2. MASTER FARMERS 7
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 6.7
- 2. GRAZING AREA (HA) 50.0
- 3. CROPPING AREA OF MAIZE (HA) 1.5
- 4. CROPPING AREA OF SORGHUM (HA) 3.3
- 5. NO.OF FAMILY MEMBERS 10.0
- 6. NO.OF CATTLE 7.5
- 7. LIVESTOCK UNITS (LSU) 5.4
- 8. INCOME PER ANNUM < 25 100
- 9. MAIN INCOME SOURCE LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 88179 HA (100.%))
- 2. ARABLE AREA 9000 HA (10.%))
- 3. GRAZING AREA 79179 HA (90.%))

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6000 6.8 /KM2
- 2. POPULATION DENSITY 700 (100.%)
- 3. NO.OF HOUSEHOLDS 700 (100.%)
- 4. NO.OF PLOTHOLDERS 266 (38.%)
- 5. NO.OF LIVESTOCK OWNERS 1
- 6. NO.OF PRIMARY SCHOOLS (P.S) 6000.
- 7. POPULATION PER P.S NIL
- 8. NO.OF SECONDARY SCHOOLS NIL
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S./C/G./P/R./S.C CHIREZDI
- 12. DISTANCE TO ABOVE CENTRE 270 KM
- 13. LITERACY RATE 5-10 %

III. AGRICULTURE

1. NATURAL REGION V

- 2. SOIL
- (1) SOIL TEXTURE SANDY LOAM LOAM SANDY CLAY LOAM
- (2) SOIL DEPTH 0.5-1.0M 0.5M >
- (3) SOIL PH N.A
- (4) LAND SLOPE UNULATE SLOPE
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1000	7	0.11
(2) RAPOCO	NIL	-	-
(3) MHUNGA	500	9	0.06
(4) GROUNDNUTS **	400	7	0.04
(5) SORGHUM	3800	11	0.42
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	NIL	-	-

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 4300
- (2) GOATS & SHEEP 1725
- (3) DONKEY 320
- (4) LIVESTOCK UNITS (LSU) * 3095
- (5) LSUS PER KM2 (LSU) 3.5
- (6) GRAZING AREA PER LSU (HA) 25.6

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMEGE

- (1) CROPS YES
- (2) LIVESTOCK NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	7	0.01	857.
(2) WELL	NIL	-	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	POOR	6.0
(2) LIVESTOCK	1) 2)	POOR	6.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-YANKS 3
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 7
- 3. MASTER FARMERS' CLUB 7
- 4. WOMEN'S GROUP 7
- 5. YOUTH GROUP 7

VIII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 12.9
- 2. GRAZING AREA (HA) 113.1
- 3. CROPPING AREA OF MAIZE (HA) 1.4
- 4. CROPPING AREA OF SORGHUM (HA) 5.4
- 5. NO.OF FAMILY MEMBERS 8.6
- 6. NO.OF CATTLE 6.1
- 7. LIVESTOCK UNITS (LSU) 4.4
- 8. INCOME PER ANNUM < ZS 100
- 9. MAIN INCOME SOURCE LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	11703 HA (100.%)
2. ARABLE AREA	8777 HA (75.%)
3. GRAZING AREA	2926 HA (25.%)

5. DROUGHT DAMAGE

(1) CROPS	NO
(2) LIVESTOCK	NO

II. SOCIAL ASPECT

1. POPULATION DENSITY	4500
2. NO. OF HOUSEHOLDS	38.5 /KM2
3. NO. OF PLOTHOLDERS	900 (100.%)
4. NO. OF LIVESTOCK OWNERS	82 (9.%)
5. NO. OF PRIMARY SCHOOLS (P.S)	415 (46.%)
6. POPULATION PER P.S	3
7. NO. OF SECONDARY SCHOOLS	1500.
8. NO. OF BUSINESS CENTRES	1
9. NO. OF CLINICS	4
10. NEAREST TOWN/D.S./C/G./P/R.S.-C	MUPANDAWANA
11. DISTANCE TO ABOVE CENTRE	19 KM
12. LITERACY RATE	80 %

III. AGRICULTURE

1. NATURAL REGION IV

2. SOIL	SAND-LOAMY SAND
(1) SOIL TEXTURE	0.5-1.0M
(2) SOIL DEPTH	5.5-6.5
(3) SOIL PH	UNDULATE
(4) LAND SLOPE	

3. CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA TO ARABLE AREA	RATE OF *
(1) MAIZE	6700	N.A	0.76	
(2) RAPOCO	55	N.A	0.01	
(3) MHUNGA	NIL	-	-	
(4) GROUNDNUTS **	400	N.A	0.05	
(5) SORGHUM	2	N.A	0.00	
(6) COTTON ***	NIL	-	-	
(7) SUNFLOWER	2	N.A	0.00	

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHIELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	3281
(2) GOATS & SHEEP	260
(3) DONKEY	100
(4) LIVESTOCK UNITS (LSU) *	2394
(5) LSU PER KM2 (LSU)	20.5
(6) GRAZING AREA PER LSU (HA)	1.2

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	3	0.03	1500.
(2) WELL	50	0.43	90.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	4	POOR	1.0
(2) LIVESTOCK	1	FAIR	2.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	1
2. CATTLE SALE PFNS	NIL
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	N.A
5. POST	NIL
6. TELEPHONE	1

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	1
1. MASTER FARMERS	82
3. MASTER FARMERS' CLUB	9
4. WOMEN'S GROUP	5
5. YOUTH GROUP	NIL

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	9.8
2. GRAZING AREA (HA)	3.3
3. CROPPING AREA OF MAIZE (HA)	7.4
4. CROPPING AREA OF SORGHUM (HA)	0.0
5. NO. OF FAMILY MEMBERS	5.0
6. NO. OF CATTLE	4.0
7. LIVESTOCK UNITS (LSU)	2.7
8. INCOME PER ANNUM	ZS 200-400
9. MAIN INCOME SOURCE	OFF-FAHM

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 12608 HA (100.%)
- 2. ARABLE AREA 8402 HA (67.%)
- 3. GRAZING AREA 4205 HA (33.%)

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6360
- 2. POPULATION DENSITY 50.4 /KM2
- 3. NO.OF HOUSEHOLDS 1060 (100.%)
- 4. NO.OF PLOT HOLDERS 196 (18.%)
- 5. NO.OF LIVESTOCK OWNERS 416 (39.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 2120.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 4
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S-C/G.P/R.S-C MUPANDAWANA
- 12. DISTANCE TO ABOVE CENTRE 25 KM
- 13. LITERACY RATE 70 %

III. AGRICULTURE

1. NATURAL REGION IV

- 2. SOIL
- (1) SOIL TEXTURE SAND-LOAMY SAND
- (2) SOIL DEPTH 0.5-1.0M
- (3) SOIL PH 5.5-6.5
- (4) LAND SLOPE UNDUULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	2000	N.A	0.24
(2) RAPOCO	1600	N.A	0.19
(3) NHUNGA	10	N.A	0.00
(4) GROUNDNUTS **)	250	N.A	0.03
(5) SORGHUM	1	N.A	0.00
(6) COTTON ***)	1	N.A	0.00
(7) SUNFLOWER	NIL	-	-

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 7420
- (2) GOATS & SHEEP 1327
- (3) DONKEY 145
- (4) LIVESTOCK UNITS (LSU) * 5014
- (5) LSU PER KM2 (LSU) 39.8
- (6) GRAZING AREA PER LSU (HA) 0.8

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DANAGE
 (1) CROPS
 (2) LIVESTOCK

NO
 NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.03	1590.
(2) WELL	50	0.40	127.

2. WATER SUPPLY SITUATION MAIN *)

UTILIZATION	SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	FAIR	1.0
(2) LIVESTOCK	1)	GOOD	1.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 3
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY N.A
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 1. MASTER FARMERS 35
- 3. MASTER FARMERS' CLUB 5
- 4. WOMEN'S GROUP 1
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 7.9
- 2. GRAZING AREA (HA) 4.0
- 3. CROPPING AREA OF MAIZE (HA) 1.9
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO.OF FAMILY MEMBERS 6.0
- 6. NO.OF CATTLE 7.0
- 7. LIVESTOCK UNITS (LSU) 4.7
- 8. INCOME PER ANNUM 25 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	5801 HA (100.%)
2. ARABLE AREA	3800 HA (66.%)
3. GRAZING AREA	2048 HA (35.%)

5. DROUGHT DAMAGE

(1) CROPS	NO
(2) LIVESTOCK	NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	3	0.05	1513.
(2) WELL	9	0.16	504.

2. WATER SUPPLY SITUATION MAIN *

UTILIZATION	SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	FAIR	0.1
(2) LIVESTOCK	1)	FAIR	1.0
*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS			

III. AGRICULTURE

IV

1. NATURAL REGION

2. SOIL

(1) SOIL TEXTURE	SAND-LOAMY SAND
(2) SOIL DEPTH	0.5-1.0M
(3) SOIL PH	5.5-6.5
(4) LAND SLOPE	UNDULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	645	N.A	0.17
(2) RAPOCO	400	N.A	0.11
(3) MHUNGA	NIL	-	-
(4) GROUNDNUTS **)	100	N.A	0.03
(5) SORGHUM	45	N.A	0.01
(6) COTTON ***)	NIL	-	-
(7) SUNFLOWER	10	N.A	0.00

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	N.A
(2) GOATS & SHEEP	N.A
(3) DONKEY	N.A
(4) LIVESTOCK UNITS (LSU) *	N.A
(5) LSU PER KM2 (LSU)	N.A
(6) GRAZING AREA PER LSU (HA)	N.A

*)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	2
2. CATTLE SALE PENS	NIL
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	N.A
5. POST	NIL
6. TELEPHONE	NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	1
1. MASTER FARMERS	7
3. MASTER FARMERS' CLUB	7
4. WOMEN'S GROUP	1
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	4.2
2. GRAZING AREA (HA)	2.3
3. CROPPING AREA OF MAIZE (HA)	0.7
4. CROPPING AREA OF SORGHUM (HA)	0.0
5. NO. OF FAMILY MEMBERS	5.0
6. NO. OF CATTLE	N.A
7. LIVESTOCK UNITS (LSU)	N.A
8. INCOME PER ANNUM	ZS 200-400
9. MAIN INCOME SOURCE	OFF-FARM

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	7500 HA (100.%)
2. ARABLE AREA	5000 HA (67.%)
3. GRAZING AREA	2500 HA (33.%)

II. SOCIAL ASPECT

1. POPULATION DENSITY	5600
2. NO. OF HOUSEHOLDS	74.7 /KM2
3. NO. OF PLOTHOLDERS	1200 (100.%)
4. NO. OF LIVESTOCK OWNERS	1200 (100.%)
5. NO. OF PRIMARY SCHOOLS (P.S)	600 (67.%)
6. POPULATION PER P.S	2
7. NO. OF SECONDARY SCHOOLS	2800.
8. NO. OF BUSINESS CENTRES	1
9. NO. OF CLINICS	1
10. NEAREST TOWN/D.S.C/G.P/R.S.C	MUPANDAWANA
11. DISTANCE TO ABOVE CENTRE	N.A
12. LITERACY RATE	20 %

III. AGRICULTURE

1. NATURAL REGION	III
2. SOIL	LOAM
(1) SOIL TEXTURE	SANDY LOAM
(2) SOIL DEPTH	0.5-1.0M
(3) SOIL PH	4.5-5.5
(4) LAND SLOPE	SLOPE

3. CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA TO ARABLE AREA	RATE OF
(1) MAIZE	N.A	12	-	-
(2) RAPOCO	NIL	-	-	-
(3) MHUNGA	NIL	-	-	-
(4) GROUNDNUTS (**)	N.A	12	-	-
(5) SORGHUM	N.A	11	-	-
(6) COTTON (***)	NIL	-	-	-
(7) SUNFLOWER	NIL	-	-	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK	
(1) CATTLE	4505
(2) GOATS & SHEEP	1209
(3) DONKEY	300
(4) LIVESTOCK UNITS (LSU) *	3169
(5) LSU PER KM2 (LSU)	42.3
(6) GRAZING AREA PER LSU (HA)	0.8

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.11LSU, DONKEY=0.4LSU

5. DROUGHT DAMEGF
 (1) CROPS YES
 (2) LIVESTOCK NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	3	0.04	1867.
(2) WELL	8	0.11	700.

2. WATER SUPPLY SITUATION

UTILIZATION	SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	3)	FAIR	2.0
(2) LIVESTOCK	1)	GOOD	2.5

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	2
2. CATTLE SALE PFNS	NIL
3. COOPERATIVE MARKETING OUTLETS	1
4. ELECTRICITY	N.A
5. POST	NIL
6. TELEPHONE	NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	2
1. MASTER FARMERS	45
3. MASTER FARMERS' CLUB	18
4. WOMEN'S GROUP	1
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	4.2
2. GRAZING AREA (HA)	2.1
3. CROPPING AREA OF MAIZE (HA)	N.A
4. CROPPING AREA OF SORGHUM (HA)	N.A
5. NO. OF FAMILY MEMBERS	4.7
6. NO. OF CATTLE	3.8
7. LIVESTOCK UNITS (LSU)	2.6
8. INCOME PER ANNUM	ZS 100-200
9. MAIN INCOME SOURCE	CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	8005 HA (100.%)
2. ARABLE AREA	2616 HA (33.%)
3. GRAZING AREA	5389 HA (67.%)

II. SOCIAL ASPECT

1. POPULATION	9450
2. POPULATION DENSITY	118.1 /KM2
3. NO. OF HOUSEHOLDS	1000
4. NO. OF PLOTHOLDERS	60 (6.%)
5. NO. OF LIVESTOCK OWNERS	430 (43.%)
6. NO. OF PRIMARY SCHOOLS (P.S)	3
7. POPULATION PER P.S	3150.
8. NO. OF SECONDARY SCHOOLS	2
9. NO. OF BUSINESS CENTRES	2
10. NO. OF CLINICS	1
11. NEAREST TOWN/D.S./C/G.P./R.S./C	MUPANDAWANA
12. DISTANCE TO ABOVE CENTRE	35 KM
13. LITERACY RATE	60-70 %

III. AGRICULTURE

1. NATURAL REGION

III

2. SOIL	SANDY CLAY LOAM
(1) SOIL TEXTURE	SANDY LOAM
(2) SOIL DEPTH	0.5-1.0M
(3) SOIL PH	5.5-6.5
(4) LAND SLOPE	UNDULATE
3. CROPS	

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA (HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	2092	18	18	0.80
(2) RAPOCO	262	5	-	0.10
(3) MHUNGA	NIL	-	-	-
(4) GROUNDNUTS **)	130	5	5	0.05
(5) SORGHUM	3	5	5	0.00
(6) COTTON ***)	NIL	-	-	-
(7) SUNFLOWER	5	4	4	0.00

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 53KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	3538
(2) GOATS & SHEEP	772
(3) DONKEY	210
(4) LIVESTOCK UNITS (LSU) *)	2461
(5) LSU PER KM2 (LSU)	30.7
(6) GRAZING AREA PER LSU (HA)	2.2

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE
(1) CROPS
(2) LIVESTOCKYES
YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.05	2363.
(2) WELL	10	0.12	945.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	FAIR POOR	0.2
(2) LIVESTOCK	1) 4)	FAIR	2.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	1
2. CATTLE SALE PENS	NIL
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	NO
5. POST	N.A
6. TELEPHONE	4

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	5
2. MASTER FARMERS	129
3. MASTER FARMERS' CLUB	7
4. WOMEN'S GROUP	6
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	2.6
2. GRAZING AREA (HA)	5.4
3. CROPPING AREA OF MAIZE (HA)	2.1
4. CROPPING AREA OF SORGHUM (HA)	0.0
5. NO. OF FAMILY MEMBERS	9.4
6. NO. OF CATTLE	3.5
7. LIVESTOCK UNITS (LSU)	2.5
8. INCOME PER ANNUM	ZS 200-400
9. MAIN INCOME SOURCE	CROPS

SOURCE : AGRITEX, 1986

D.C : GUTU

C.L : SERIMA

WARD : 22

CONCERNED DAM : IV-3-2

I. LAND USE

- 1. TOTAL AREA 3659 HA (100.%)
- 2. ARABLE AREA 2759 HA (75.5%)
- 3. GRAZING AREA 900 HA (25.5%)

- 5. DROUGHT DAMAGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 4500
- 2. NO. OF HOUSEHOLDS 123.0 /KM2 (100.%)
- 3. NO. OF PLOT HOLDERS 750 (5.%)
- 4. NO. OF LIVESTOCK OWNERS 410 (55.%)
- 5. NO. OF PRIMARY SCHOOLS (P.S) 3
- 6. POPULATION PER P.S 1500.
- 7. NO. OF SECONDARY SCHOOLS 2
- 8. NO. OF BUSINESS CENTRES N.A
- 9. NO. OF CLINICS 1
- 10. NEAREST TOWN/D.S./C/G.P/R.S./C MUPANDAWANA
- 11. DISTANCE TO ABOVE CENTRE 55 KM
- 12. LITERACY RATE 60-70 %

III. AGRICULTURE

1. NATURAL REGION III

- 2. SOIL SANDY LOAM
- (1) SOIL TEXTURE 0.5-1.0M
- (2) SOIL DEPTH 5.5-6.5
- (3) SOIL PH UNDUULATE
- (4) LAND SLOPE
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1736	15	0.62
(2) RAPOCO	900	5	0.33
(3) MHUNGA	NIL	-	-
(4) GROUNDNUTS **	120	5	0.04
(5) SORGHUM	2	5	0.00
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	1	5	0.00

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK
- (1) CATTLE 2040
- (2) GOATS & SHEEP 245
- (3) DONKEY 40
- (4) LIVESTOCK UNITS (LSU) * 1366
- (5) LSUS PER KM2 (LSU) 37.3
- (6) GRAZING AREA PER LSU (HA) 0.7

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	3	0.08	1500.
(2) WELL	24	0.66	188.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	N.A	0.3
(2) LIVESTOCK	1) 4)	N.A	2.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS NIL
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY YES
- 5. POST 44
- 6. TELEPHONE 5

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 3
- 2. MASTER FARMERS 98
- 3. MASTER FARMERS CLUB 5
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 3.7
- 2. GRAZING AREA (HA) 1.2
- 3. CROPPING AREA OF MAIZE (HA) 2.3
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO. OF FAMILY MEMBERS 6.0
- 6. NO. OF CATTLE 2.7
- 7. LIVESTOCK UNITS (LSU) 1.8
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	7826 HA (100.%))
2. ARABLE AREA	5113 HA (65.%))
3. GRAZING AREA	2713 HA (35.%))

II. SOCIAL ASPECT

1. POPULATION	9260
2. POPULATION DENSITY	118.3 /KM2
3. NO.OF HOUSEHOLDS	1272 (100.%)
4. NO.OF PLOT HOLDERS	82 (6.%)
5. NO.OF LIVESTOCK OWNERS	600 (47.%)
6. NO.OF PRIMARY SCHOOLS (P.S)	2
7. POPULATION PER P.S	4630.
8. NO.OF SECONDARY SCHOOLS	2
9. NO.OF BUSINESS CENTRES	4
10. NO.OF CLINICS	NIL
11. NEAREST TOWN/D.S.C/G.P/R.S.C	MUPANDAWANA
12. DISTANCE TO ABOVE CENTRE	55 KM
13. LITERACY RATE	60-70 %

III. AGRICULTURE

1. NATURAL REGION III

2. SOIL	SANDY LOAM
(1) SOIL TEXTURE	0.5-1.0M
(2) SOIL DEPTH	5.5-6.5
(3) SOIL PH	UNDULATE
(4) LAND SLOPE	

3. CROPS	AREA (HA)	YIELD (BAGG/HA)	CROPPING AREA TO ARABLE AREA	RATE OF
(1) MAIZE	3255	15	0.64	
(2) RAPOCO	1506	6	0.29	
(3) MHUNGA	NIL	7	0.04	
(4) GROUNDNUTS (**)	179	5	0.00	
(5) SORGHUM	2	-	-	
(6) COTTON (***)	NIL	6	0.00	
(7) SUNFLOWER	1	-	-	

*)...1BAGG=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	4364
(2) GOATS & SHEEP	548
(3) DONKEY	119
(4) LIVESTOCK UNITS (LSU) *	2939
(5) LSU PER KM2 (LSU)	31.6
(6) GRAZING AREA PER LSU (HA)	0.9
*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU	

5. DROUGHT DAMAGE
(1) CROPS
(2) LIVESTOCK

YES
YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS PER KM2	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.05	2315.
(2) WELL	26	0.33	356.

2. WATER SUPPLY SITUATION

UTILIZATION	SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	3)	FAIR POOR	0.4
(2) LIVESTOCK	1) 4)	FAIR	3.0
*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS			

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	2
2. CATTLE SALE PFNS	NIL
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	YES
5. POST	90
6. TELEPHONE	4

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	8
1. MASTER FARMERS	155
3. MASTER FARMERS' CLUB	19
4. WOMEN'S GROUP	6
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	4.0
2. GRAZING AREA (HA)	2.1
3. CROPPING AREA OF MAIZE (HA)	2.6
4. CROPPING AREA OF SORGHUM (HA)	0.0
5. NO.OF FAMILY MEMBERS	7.3
6. NO.OF CATTLE	3.4
7. LIVESTOCK UNITS (LSU)	2.3
8. INCOME PER ANNUM	25 200-400
9. MAIN INCOME SOURCE	CROPS

SOURCE : AGRITEX, 1986

- I. LAND USE
- 1. TOTAL AREA 4000 HA (100.%)
 - 2. ARABLE AREA 2500 HA (63.%)
 - 3. GRAZING AREA 1500 HA (38.%)

5. DROUGHT DAMEGE
- (1) CROPS YES
 - (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION 3200
- 2. POPULATION DENSITY 80.0 /KM2
- 3. NO.OF HOUSEHOLDS 1500 (100.%)
- 4. NO.OF PLOTHOLDERS 1500 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 1100 (73.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 1067.
- 8. NO.OF SECONDARY SCHOOLS 2
- 9. NO.OF BUSINESS CENTRES 3
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C MUPANDAWANA
- 12. DISTANCE TO ABOVE CENTRE 41 KM
- 13. LITERACY RATE 10 %

III. AGRICULTURE

1. NATURAL REGION IV
2. SOIL
- (1) SOIL TEXTURE N.A
 - (2) SOIL DEPTH N.A
 - (3) SOIL PH N.A
 - (4) LAND SLOPE N.A
3. CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CROPPING AREA TO ARABLE AREA |
|--------------------|-------------|-------------------|--------------------------------------|
| (1) MAIZE | N.A | 12 | - |
| (2) RAPOCO | N.A | 8 | - |
| (3) MHUNGA | N.A | 8 | - |
| (4) GROUNDNUTS **) | N.A | 6 | - |
| (5) SORGHUM | N.A | 10 | - |
| (6) COTTON ***) | NIL | - | - |
| (7) SUNFLOWER | N.A | 6 | - |

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK
- (1) CATTLE 2900
 - (2) GOATS & SHEEP 1640
 - (3) DONKFY 20
 - (4) LIVESTOCK UNITS (LSU) *) 2057
 - (5) LSUS PER KM2 (LSU) 51.4
 - (6) GRAZING AREA PER LSU (HA) 0.7
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

- IV. RURAL WATER SUPPLY
1. PRIMARY WATER SUPPLY SOURCE (PWS)
- | SOURCE | NO.OF PWS | NO.OF PWS PER KM2 | POPULATION PER PWS |
|-------------|-----------|-------------------|--------------------|
| (1) BORHOLE | 7 | 0.17 | 457. |
| (2) WELL | 20 | 0.50 | 160. |
2. WATER SUPPLY SITUATION
- | UTILIZATION | SOURCE | WATER SECURITY | DISTANCE TO SOURCE (KM) |
|---------------|----------|----------------|-------------------------|
| (1) DOMESTIC | 1) 2) 3) | FAIR | 0.4 |
| (2) LIVESTOCK | 1) 2) | FAIR | 2.0 |
- *)...1)..RIVERS, 2)..BORPHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS 1
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 1. MASTER FARMERS 90
- 3. MASTER FARMERS' CLUB 2
- 4. WOMEN'S GROUP 2
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 1.7
- 2. GRAZING AREA (HA) 1.0
- 3. CROPPING AREA OF MAIZE (HA) N.A
- 4. CROPPING AREA OF SORGHUM (HA) N.A
- 5. NO.OF FAMILY MEMBERS 2.1
- 6. NO.OF CATTLE 1.9
- 7. LIVESTOCK UNITS (LSU) 1.4
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C. : GUTU

C.L. : GUTU

WARD : 15

CONCERNED DAM : IV-4-1, IV-4-11

I. LAND USE

- 1. TOTAL AREA 5900 HA (100.%)
- 2. ARABLE AREA 3400 HA (58.%)
- 3. GRAZING AREA 2500 HA (42.%)

5. DROUGHT DAMAGE
(1) CROPS YES
(2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 4986
- 2. POPULATION DENSITY 84.5 /KM2
- 3. NO.OF. HOUSEHOLDS 620 (100.%)
- 4. NO.OF. PLOTHOLDERS 939 (151.%)
- 5. NO.OF LIVESTOCK OWNERS 939 (151.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 4
- 7. POPULATION PER P.S 1247.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 2
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C MUPANDAWANA
- 12. DISTANCE TO ABOVE CENTRE 40 KM
- 13. LITERACY RATE 10 %

III. AGRICULTURE

- 1. NATURAL REGION IV
 - 2. SOIL
 - (1) SOIL TEXTURE N.A
 - (2) SOIL DEPTH N.A
 - (3) SOIL PH N.A
 - (4) LAND SLOPE N.A
 - 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA (HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	20	-	-
(2) RAPOCO	N.A	12	-	-
(3) MHUNGA	N.A	9	-	-
(4) GROUNDNUTS **	N.A	17	-	-
(5) SORGHUM	N.A	15	-	-
(6) COTTON ***	NIL	-	-	-
(7) SUNFLOWER	N.A	12	-	-
- *)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK
 - (1) CATTLE 3851
 - (2) GOATS & SHEEP 4714
 - (3) DONKEY 28
 - (4) LIVESTOCK UNITS (LSU) * 2986
 - (5) LSU PER KM2 (LSU) 50.6
 - (6) GRAZING AREA PER LSU (HA) 0.8
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	7	0.12	712.
(2) WELL	28	0.47	178.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	FAIR	2.0
(2) LIVESTOCK	1) 2)	FAIR	2.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. O.P-TANKS 3
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. FLETCRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 1. MASTER FARMERS 34
- 3. MASTER FARMERS' CLUB 3
- 4. WOMEN'S GROUP 1
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 5.5
- 2. GRAZING AREA (HA) 4.0
- 3. CROPPING AREA OF MAIZE (HA) N.A
- 4. CROPPING AREA OF SORGHUM (HA) N.A
- 5. NO.OF FAMILY MEMBERS 8.0
- 6. NO.OF CATTLE 6.2
- 7. LIVESTOCK UNITS (LSU) 4.8
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : GUTU

C.L : GUTU

WARD : 16

CONCERNED DAM : IV-4-2

I. LAND USE

- 1. TOTAL AREA 7163 HA (100.%)
- 2. ARABLE AREA 6281 HA (88.%)
- 3. GRAZING AREA 882 HA (12.%)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	1	0.01	6208.
(2) WELL	60	0.84	103.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 3)	FAIR	0.2
(2) LIVESTOCK	1) 4)	FAIR	1.0
*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS			

III. AGRICULTURE

IV

1. NATURAL REGION

- 2. SOIL (1) SOIL TEXTURE SANDY LOAM
- (2) SOIL DEPTH 0.5-1.0M
- (3) SOIL PH 5.3-6.5
- (4) LAND SLOPE UNDULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	5000	10	0.80
(2) RAPOCO	590	5	0.09
(3) MHUNGA	70	4	0.01
(4) GROUNDNUTS **)	115	20	0.02
(5) SORGHUM	60	4	0.01
(6) COTTON ***)	NIL	-	-
(7) SUNFLOWER	30	4	0.00

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 3017
- (2) GOATS & SHEEP 2191
- (3) DONKEY 202
- (4) LIVESTOCK UNITS (LSU) *) 2261
- (5) LSUS PER KM2 (LSU) 31.6
- (6) GRAZING AREA PER LSU (HA) 0.4

*)...CATTLE=0.69LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY N.A
- 5. POST N.A
- 6. TELEPHONE 4

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 2. MASTER FARMERS 53
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 3
- 5. YOUTH GROUP 2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 10.5
- 2. GRAZING AREA (HA) 1.5
- 3. CROPPING AREA OF MAIZE (HA) 8.3
- 4. CROPPING AREA OF SORGHUM (HA) 0.1
- 5. NO. OF FAMILY MEMBERS 10.3
- 6. NO. OF CATTLE 5.0
- 7. LIVESTOCK UNITS (LSU) 3.8
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS, LIVESTOCK

SOURCE : AGRITEX, 1986

D.C : GUTU

C.L : GUTU

WARD : 17

CONCERNED DAM : IV-4-7, IV-4-8

I. LAND USE

- 1. TOTAL AREA 26636 HA (100.%)
- 2. ARABLE AREA 15983 HA (60.%)
- 3. GRAZING AREA 9855 HA (37.%)

II. SOCIAL ASPECT

- 1. POPULATION 24690
- 2. POPULATION DENSITY 92.7 /KM2
- 3. NO.OF HOUSEHOLDS 2469 (100.%)
- 4. NO.OF PLOTHOLDERS 63 (3.%)
- 5. NO.OF LIVESTOCK OWNERS 700 (28.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 24690.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C MUPANDAWANA
- 12. DISTANCE TO ABOVE CENTRE 102 KM
- 13. LITERACY RATE 60 %

III. AGRICULTURE

- 1. NATURAL REGION V
- 2. SOIL
 - (1) SOIL TEXTURE SANDY LOAM
 - (2) SOIL DEPTH 0.5-1.0M
 - (3) SOIL PH 5.5-6.5
 - (4) LAND SLOPE UNDULATE
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1045	18	0.07
(2) RAPOCO	1400	10	0.09
(3) MHUNGA	3034	18	0.19
(4) GROUNDNUTS **	1446	12	0.09
(5) SORGHUM	400	15	0.03
(6) COTTON ***	2	303	0.00
(7) SUNFLOWER	26	16	0.00

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

IV. LIVESTOCK

- (1) CATTLE 6125
 - (2) GOATS & SHEEP 24227
 - (3) DONKEY 64
 - (4) LIVESTOCK UNITS (LSU) * 6430
 - (5) LSU PER KM2 (LSU) 24.1
 - (6) GRAZING AREA PER LSU (HA) 1.5
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

- 5. DROUGHT DAMAGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

- 1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	7	0.03	3527.
(2) WELL	26	0.10	950.
- 2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	FAIR	2.0
(2) LIVESTOCK	1) 2)	FAIR	3.0

*).RIVERS, 2).BOREHOLES, 3).WELLS, 4).OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST N.A
- 6. TELEPHONE N.A

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 2. MASTER FARMERS 18
- 3. MASTER FARMERS' CLUB 4
- 4. WOMEN'S GROUP 19
- 5. YOUTH GROUP 8

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 6.5
- 2. GRAZING AREA (HA) 4.0
- 3. CROPPING AREA OF MAIZE (HA) 0.4
- 4. CROPPING AREA OF SORGHUM (HA) 0.2
- 5. NO.OF FAMILY MEMBERS 10.0
- 6. NO.OF CATTLE 2.5
- 7. LIVESTOCK UNITS (LSU) 2.6
- 8. INCOME PER ANNUM ZS 400-600
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : GUTU

C.L : GUTU

WARD : 18

CONCERNED DAM : IV-4-6, IV-4-7

I. LAND USE

- 1. TOTAL AREA 21309 HA (100.%)
- 2. ARABLE AREA 11590 HA (54.%)
- 3. GRAZING AREA 5914 HA (28.%)

5. DROUGHT-DAMAGE

YES
YES

- (1) CROPS
- (2) LIVESTOCK

II. SOCIAL ASPECT

- 1. POPULATION 9600
- 2. POPULATION DENSITY 45.1 /KM2
- 3. NO.OF HOUSEHOLDS 1946 (100.%)
- 4. NO.OF PLOTHOLDERS 98 (5.%)
- 5. NO.OF LIVESTOCK OWNERS 668 (34.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 2
- 7. POPULATION PER P.S 4800.
- 8. NO.OF SECONDARY SCHOOLS 2
- 9. NO.OF BUSINESS CENTRES 2
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S./C/G./P/R.S.C MUPANDAWANA
- 12. DISTANCE TO ABOVE CENTRE 78 KM
- 13. LITERACY RATE 60 %

III. AGRICULTURE

V

1. NATURAL REGION

- 2. SOIL (1) SOIL TEXTURE SANDY LOAM
- (2) SOIL DEPTH 0.5-1.0M
- (3) SOIL PH 5.5-6.5
- (4) LAND SLOPE UNDULATE

3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1650	12	0.14
(2) RAPOCO	1240	15	0.11
(3) MHUNGA	3000	20	0.26
(4) GROUNDNUTS **	1475	22	0.13
(5) SORGHUM	533	18	0.05
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	16	15	0.00

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 5012
- (2) GOATS & SHEEP 4097
- (3) DONKEY 147
- (4) LIVESTOCK UNITS (LSU) * 3726
- (5) LSU PER KM2 17.5
- (6) GRAZING AREA PER LSU (HA) 1.6

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	6	0.03	1600.
(2) WELL	32	0.15	300.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	FAIR	1.5
(2) LIVESTOCK	1) 2)	FAIR	2.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 4
- 2. CATTLE SALE PFNS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 2
- 2. MASTER FARMERS 62
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 5
- 5. YOUTH GROUP 3

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 6.0
- 2. GRAZING AREA (HA) 3.0
- 3. CROPPING AREA OF MAIZE (HA) 0.8
- 4. CROPPING AREA OF SORGHUM (HA) 0.3
- 5. NO.OF FAMILY MEMBERS 4.9
- 6. NO.OF CATTLE 2.6
- 7. LIVESTOCK UNITS (LSU) 1.9
- 8. INCOME PER ANNUM 25 400-600 CROPS
- 9. MAIN INCOME SOURCE

SOURCE : AGRITEX, 1986

D.C : GUTU

C.L : GUTU

WARD : 26

CONCERNED DAM : IV-4-5, IV-4-9, IV-4-10

I. LAND USE

- 1. TOTAL AREA 11940 HA (100.%)
- 2. ARABLE AREA 8239 HA (69.%)
- 3. GRAZING AREA 3701 HA (31.%)

5. DROUGHT DAMAGE
(1) CROPS NO
(2) LIVESTOCK N.A

IV. RURAL WATER SUPPLY

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6000
- 2. POPULATION DENSITY 50.3 /KM2
- 3. NO.OF HOUSEHOLDS 1100 (100.%)
- 4. NO.OF PLOT HOLDERS 1100 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 850 (77.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 6000.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C MUPANDAWANA
- 12. DISTANCE TO ABOVE CENTRE 39 KM
- 13. LITERACY RATE 45 %

III. AGRICULTURE

1. NATURAL REGION IV

- 2. SOIL
- (1) SOIL TEXTURE SAND-LOAMY SAND
- (2) SOIL DEPTH N.A
- (3) SOIL PH 4.5-5.5
- (4) LAND SLOPE N.A

3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA) TO ARABLE AREA	RATE OF CROPPING AREA
(1) MAIZE	N.A	10	-
(2) RAPOCO	N.A	5	-
(3) MHUNGA	N.A	5	-
(4) GROUNDNUTS (**)	N.A	-	-
(5) SORGHUM	N.A	-	-
(6) COTTON (***)	NIL	-	-
(7) SUNFLOWER	N.A	2	-

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 3315
- (2) GOATS & SHEEP 3747
- (3) DONKEY 398
- (4) LIVESTOCK UNITS (LSU) * 2689
- (5) LSU PER KM2 (LSU) 22.5
- (6) GRAZING AREA PER LSU (HA) 1.4

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	2	0.02	3000.
(2) WELL	N.A	N.A	N.A

2. WATER SUPPLY SITUATION

UTILIZATION SOURCE	MAIN *	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 3)	POOR	1.0
(2) LIVESTOCK	N.A	FAIR	1.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY N.A
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 1. MASTER FARMERS 83
- 3. MASTER FARMERS' CLUB 3
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 7.5
- 2. GRAZING AREA (HA) 3.4
- 3. CROPPING AREA OF MAIZE (HA) N.A
- 4. CROPPING AREA OF SORGHUM (HA) N.A
- 5. NO.OF FAMILY MEMBERS 5.5
- 6. NO.OF CATTLE 3.0
- 7. LIVESTOCK UNITS (LSU) 2.4
- 8. INCOME PER ANNUM 75 100-200
- 9. MAIN INCOME SOURCE 15 LIVESTOCK

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA 4400 HA (100.%)
2. ARABLE AREA 3784 HA (86.%)
3. GRAZING AREA 616 HA (14.%)

II. SOCIAL ASPECT

1. POPULATION DENSITY 2400
2. POPULATION DENSITY 54.5 /KM2
3. NO.OF HOUSEHOLDS 600 (100.%)
4. NO.OF PLOTHOLDERS 34 (6.%)
5. NO.OF LIVESTOCK OWNERS 914 (152.%)
6. NO.OF PRIMARY SCHOOLS (P.S) 1
7. POPULATION PER P.S 2400.
8. NO.OF SECONDARY SCHOOLS 1
9. NO.OF BUSINESS CENTRES 2
10. NO.OF CLINICS NIL
11. NEAREST TOWN/D.S./C/G/P/R/S.C MUPANDAWANA
12. DISTANCE TO ABOVE CENTRE 18 KM
13. LITERACY RATE 65 %

III. AGRICULTURE

IV

1. NATURAL REGION
2. SOIL
 - (1) SOIL TEXTURE SANDY LOAM
 - (2) SOIL DEPTH 1.0M <
 - (3) SOIL PH 4.5-5.5
 - (4) LAND SLOPE UNDULATE
3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	15	-
(2) RAPOCO	N.A	8	-
(3) MHUNGA	N.A	6	-
(4) GROUNDNUTS **)	N.A	25	-
(5) SORGHUM	N.A	10	-
(6) COTTON ***)	NIL	-	-
(7) SUNFLOWER	N.A	6	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2992
- (2) GOATS & SHEEP 2600
- (3) DONKEY 108
- (4) LIVESTOCK UNITS (LSU) * 2248
- (5) LSU PER KM2 (LSU) 51.1
- (6) GRAZING AREA PER LSU (HA) 0.3

*)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.09	600.
(2) WELL	280	6.36	9.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	3)	GOOD	0-1
(2) LIVESTOCK	2) 4)	GOOD	0-5
*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS			

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 2
2. CATTLE SALE PENS 1
3. COOPERATIVE MARKETING OUTLETS 1
4. ELECTRICITY N.A
5. POST NIL
6. TELEPHONE 1

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY NIL
1. MASTER FARMERS 98
3. MASTER FARMERS' CLUB 6
4. WOMEN'S GROUP 2
5. YOUTH GROUP 2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 6.3
2. GRAZING AREA (HA) 1.0
3. CROPPING AREA OF MAIZE (HA) N.A
4. CROPPING AREA OF SORGHUM (HA) N.A
5. NO.OF FAMILY MEMBERS 4.0
6. NO.OF CATTLE 5.0
7. LIVESTOCK UNITS (LSU) 3.7
8. INCOME PER ANNUM 75 200-400
9. MAIN INCOME SOURCE CROPS, LIVESTOCK, OFF-FARM

SOURCE : AGRITEX, 1986

D.C : GUTU

C.L : GUTU

WARD : 34

CONCERNED DAM : IV-4-3

I. LAND USE

- 1. TOTAL AREA 5580 HA (100.%)
- 2. ARABLE AREA 5078 HA (91.%)
- 3. GRAZING AREA 502 HA (9.%)

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 8240
- 2. NO. OF HOUSEHOLDS 1477 /KM2
- 3. NO. OF PLOT HOLDERS 2060 (100.%)
- 4. NO. OF LIVESTOCK OWNERS 50 (2.%)
- 5. NO. OF PRIMARY SCHOOLS (P.S) 978 (47.%)
- 6. POPULATION PER P.S 1
- 7. NO. OF SECONDARY SCHOOLS 8240.
- 8. NO. OF BUSINESS CENTRES 1
- 9. NO. OF CLINICS 1
- 10. NEAREST TOWN/D.S./C/G.P/R.S.C MUPANDAWANA
- 11. DISTANCE TO ABOVE CENTRE 53 KM
- 12. LITERACY RATE 70 %

III. AGRICULTURE

IV

- 1. NATURAL REGION
- 2. SOIL
 - (1) SOIL TEXTURE SANDY LOAM
 - (2) SOIL DEPTH 1.0M
 - (3) SOIL PH N.A
 - (4) LAND SLOPE UNDULATE
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	15	-
(2) RAPOCO	N.A	10	-
(3) MHUNGA	N.A	5	-
(4) GROUNDNUTS **	N.A	25	-
(5) SORGHUM	N.A	12	-
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	N.A	7	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2498
- (2) GOATS & SHEEP 2410
- (3) DONKEY 169
- (4) LIVESTOCK UNITS (LSU) * 1932
- (5) LSU PER KM2 (LSU) 34.6
- (6) GRAZING AREA PER LSU (HA) 0.5

*)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.07	2060.
(2) WELL	300	5.38	77.

2. WATER SUPPLY SITUATION

UTILIZATION	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	3) GOOD	0.1
(2) LIVESTOCK	1) 2) 3) FAIR	1.0
*)...1)..RIVERS, 2)..BORPHOLES, 3)..WELLS, 4)..OTHERS		

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY N.A
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 69
- 3. MASTER FARMERS' CLUB 3
- 4. WOMEN'S GROUP 4
- 5. YOUTH GROUP 4

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 2.5
- 2. GRAZING AREA (HA) 0.2
- 3. CROPPING AREA OF MAIZE (HA) N.A
- 4. CROPPING AREA OF SORGHUM (HA) N.A
- 5. NO. OF FAMILY MEMBERS 4.0
- 6. NO. OF CATTLE 1.2
- 7. LIVESTOCK UNITS (LSU) 0.9
- 8. INCOME PER ANNUM 25 200--400
- 9. MAIN INCOME SOURCE CROPS, LIVESTOCK, OFF-FARM

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	8581 HA (100.%)
2. ARABLE AREA	4691 HA (55.%)
3. GRAZING AREA	3890 HA (45.%)

5. DROUGHT DAMAGE

(1) CROPS	YES
(2) LIVESTOCK	YES

II. SOCIAL ASPECT

1. POPULATION	6558
2. POPULATION DENSITY	76.4 /KM2
3. NO.OF HOUSEHOLDS	1279 (100.%)
4. NO.OF PLOTHOLDERS	1279 (100.%)
5. NO.OF LIVESTOCK OWNERS	2407 (188.%)
6. NO.OF PRIMARY SCHOOLS (P.S)	3
7. POPULATION PER P.S	2186.
8. NO.OF SECONDARY SCHOOLS	1
9. NO.OF BUSINESS CENTRES	3
10. NO.OF CLINICS	1
11. NEAREST TOWN/D.S./C/G.P/R.S.C	MUPANDAWANA
12. DISTANCE TO ABOVE CENTRE	34 KM
13. LITERACY RATE	10 %

III. AGRICULTURE

I. NATURAL REGION IV

2. SOIL	
(1) SOIL TEXTURE	N.A
(2) SOIL DEPTH	N.A
(3) SOIL PH	N.A
(4) LAND SLOPE	N.A

3. CROPS			
(1) MAIZE	N.A	12	-
(2) RAPOCO	N.A	7	-
(3) MHUNGA	N.A	6	-
(4) GROUNDNUTS **	N.A	8	-
(5) SORGHUM	N.A	6	-
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	N.A	5	-

*)...1BAGS=91KG. BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	4158
(2) GOATS & SHEEP	3521
(3) DONKEY	181
(4) LIVESTOCK UNITS (LSU) *	3127
(5) LSU PER KM2	36.4
(6) GRAZING AREA PER LSU (HA)	1.2

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)			
SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	8	0.09	820.
(2) WELL	67	0.78	98.
2. WATER SUPPLY SITUATION			
UTILIZATION	MAIN *	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	FAIR	2.0
(2) LIVESTOCK	1) 2)	FAIR	2.0
*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS			

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	3
2. CATTLE SALE PENS	NIL
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	NO
5. POST	N.A
6. TELEPHONE	3

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	2
1. MASTER FARMERS	63
3. MASTER FARMERS' CLUB	5
4. WOMEN'S GROUP	4
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	3.7
2. GRAZING AREA (HA)	3.0
3. CROPPING AREA OF MAIZE (HA)	N.A
4. CROPPING AREA OF SORGHUM (HA)	N.A
5. NO.OF FAMILY MEMBERS	5.1
6. NO.OF CATTLE	3.3
7. LIVESTOCK UNITS (LSU)	2.4
8. INCOME PER ANNUM	< ZS 100
9. MAIN INCOME SOURCE	CROPS

SOURCE : AGRITEX, 1986

1. LAND USE

1. TOTAL AREA	8600 HA (100.%)
2. ARABLE AREA	6000 HA (70.%)
3. GRAZING AREA	2600 HA (30.%)

II. SOCIAL ASPECT

1. POPULATION	6000
2. POPULATION DENSITY	69.8 /KM2
3. NO. OF HOUSEHOLDS	1200 (100.%)
4. NO. OF PLOT HOLDERS	1200 (100.%)
5. NO. OF LIVESTOCK OWNERS	900 (75.%)
6. NO. OF PRIMARY SCHOOLS (P.S)	4
7. POPULATION PER P.S	1500.
8. NO. OF SECONDARY SCHOOLS	1
9. NO. OF BUSINESS CENTRES	3
10. NO. OF CLINICS	1
11. NEAREST TOWN/D.S./C/G./P/R.S.C	MUPANDAWANA
12. DISTANCE TO ABOVE CENTRE	70 KM
13. LITERACY RATE	10 %

III. AGRICULTURE

1. NATURAL REGION IV

2. SOIL			
(1) SOIL TEXTURE	N.A		
(2) SOIL DEPTH	N.A		
(3) SOIL PH	N.A		
(4) LAND SLOPE	SLOPE		
3. CROPS			
(1) MAIZE	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(2) RAPOCO	N.A	20	-
(3) MHUNGA	N.A	15	-
(4) GROUNDNUTS **	N.A	12	-
(5) SORGHUM	N.A	18	-
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	N.A	1	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	1500
(2) GOATS & SHEEP	2000
(3) DONKEY	80
(4) LIVESTOCK UNITS (LSU) *	1207
(5) LSU PER KM2 (LSU)	14.0
(6) GRAZING AREA PER LSU (HA)	2.2

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

(1) CROPS	YES
(2) LIVESTOCK	YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	7	857.
(2) WELL	30	200.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	FAIR	2.0
(2) LIVESTOCK	1) 2)	FAIR	2.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	2
2. CATTLE SALE PENS	1
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	NO
5. POST	NIL
6. TELEPHONE	NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	2
1. MASTER FARMERS	50
3. MASTER FARMERS' CLUB	5
4. WOMEN'S GROUP	2
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	5.0
2. GRAZING AREA (HA)	2.2
3. CROPPING AREA OF MAIZE (HA)	N.A
4. CROPPING AREA OF SORGHUM (HA)	N.A
5. NO. OF FAMILY MEMBERS	5.0
6. NO. OF CATTLE	1.3
7. LIVESTOCK UNITS (LSU)	1.0
8. INCOME PER ANNUM	< ZS 100
9. MAIN INCOME SOURCE	CROPS

SOURCE : AGRITEX, 1986

D.C : MASVINGO

C.L : MASVINGO

WARD : CHARUMBIRA

CONCERNED DAM : V-1-1

I. LAND USE

- 1. TOTAL AREA 4880 HA (100.%)
- 2. ARABLE AREA 1880 HA (39.%)
- 3. GRAZING AREA 3000 HA (61.%)

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6622
- 2. NO. OF HOUSEHOLDS 135.7 /KM2
- 3. NO. OF PLOTHOLDERS 1174 (100.%)
- 4. NO. OF LIVESTOCK OWNERS 1174 (100.%)
- 5. NO. OF PRIMARY SCHOOLS (P.S) 803 (68.%)
- 6. POPULATION PER P.S 4
- 7. NO. OF SECONDARY SCHOOLS 1656.
- 8. NO. OF BUSINESS CENTRES 1
- 9. NEAREST TOWN/D.S./C/G.P/R.S.C 3
- 10. DISTANCE TO ABOVE CENTRE N.A
- 11. LITERACY RATE 25 KM
- 12. LITERACY RATE N.A %

III. AGRICULTURE

V

- 1. NATURAL REGION
- 2. SOIL
- (1) SOIL TEXTURE CLAY-LOAM
- (2) SOIL DEPTH 1.0M <
- (3) SOIL PH N.A
- (4) LAND SLOPE UNDULATE
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	18	-
(2) RABOCO	N.A	9	-
(3) MHUNGA	N.A	7	-
(4) GROUNDNUTS **	N.A	8	-
(5) SORGHUM ***	N.A	10	-
(6) COTTON	N.A	1200	-
(7) SUNFLOWER	N.A	8	-

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 3531
- (2) GOATS & SHEEP 1259
- (3) DONKEY 194
- (4) LIVESTOCK UNITS (LSU) * 2499
- (5) LSUS PER KM2 (LSU) 51.2
- (6) GRAZING AREA PER LSU (HA) 1.2

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

- 5. DROUGHT DAMAGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	13	0.27	509.
(2) WELL	N.A	N.A	N.A

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2)	POOR	3.0
(2) LIVESTOCK	1) 2)	POOR	3.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 3
- 2. CATTLE SALE PENS N.A
- 3. COOPERATIVE MARKETING OUTLETS N.A
- 4. ELECTRICITY N.A
- 5. POST N.A
- 6. TELEPHONE N.A

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 3
- 1. MASTER FARMERS 129
- 3. MASTER FARMERS' CLUB 5
- 4. WOMEN'S GROUP 3
- 5. YOUTH GROUP N.A

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 1.6
- 2. GRAZING AREA (HA) 2.6
- 3. CROPPING AREA OF MAIZE (HA) N.A
- 4. CROPPING AREA OF SORGHUM (HA) N.A
- 5. NO. OF FAMILY MEMBERS 5.6
- 6. NO. OF CATTLE 3.0
- 7. LIVESTOCK UNITS (LSU) 2.1
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE N.A

D.C : MASVINGO

C.L : MASVINGO

WARD : MUSINGARAWI

CONCERNED DAM : V-1-2

1. LAND USE

5866 HA (100.%)
1609 HA (27.%)
4257 HA (73.%)

5. DROUGHT DAMAGE
(1) CROPS YES
(2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

II. SOCIAL ASPECT

1. POPULATION 1733
2. POPULATION DENSITY 29.5 /KM2
3. NO.OF HOUSEHOLDERS 520 (100.%)
4. NO.OF PLOT HOLDERS 520 (100.%)
5. NO.OF LIVESTOCK OWNERS 427 (82.%)
6. NO.OF PRIMARY SCHOOLS (P.S) 1
7. POPULATION PER P.S 1733
8. NO.OF SECONDARY SCHOOLS N.A
9. NO.OF BUSINESS CENTRES 2
10. NO.OF CLINICS N.A
11. NEAREST TOWN/D.S./C/G.P/R.S.C N.A
12. DISTANCE TO ABOVE CENTRE 25 KM
13. LITERACY RATE N.A %

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE NO.OF PWS NO.OF PWS PER KM2 POPULATION PER PWS
(1) BOREHOLE 3 0.05 578.
(2) WELL 5 0.09 347.

2. WATER SUPPLY SITUATION

UTILIZATION MAIN * WATER SECURITY DISTANCE TO SOURCE (KM)
(1) DOMESTIC 2) 3) FAIR 2.0
(2) LIVESTOCK 1) POOR 1.0
*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

III. AGRICULTURE

1. NATURAL REGION III

(1) SOIL TEXTURE SANDY LOAM
(2) SOIL DEPTH 1.0M
(3) SOIL PH N.A
(4) LAND SLOPE UNDULATE

3. CROPS AREA YIELD RATE OF CROPPING AREA
(HA) (BAGS/HA) TO ARABLE AREA
(1) MAIZE N.A 6 -
(2) RAPOCO N.A 5 -
(3) MHUNGA N.A 4 -
(4) GROUNDNUTS ** N.A 6 -
(5) SORGHUM N.A 4 -
(6) COTTON *** N.A -
(7) SUNFLOWER N.A 8 -

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
**)...UNSHELLED
***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE 860
(2) GOATS & SHEEP 646
(3) DONKEY 36
(4) LIVESTOCK UNITS (LSU) * 638
(5) LSU PER KM2 (LSU) 10.9
(6) GRAZING AREA PER LSU (HA) 6.7
*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 1
2. CATTLE SALE PENS N.A
3. COOPERATIVE MARKETING OUTLETS 1
4. ELECTRICITY N.A
5. POST N.A
6. TELEPHONE N.A

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY 1
2. MASTER FARMERS 28
3. MASTER FARMERS' CLUB 3
4. WOMEN'S GROUP 1
5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 3.1
2. GRAZING AREA (HA) 8.2
3. CROPPING AREA OF MAIZE (HA) N.A
4. CROPPING AREA OF SORGHUM (HA) N.A
5. NO.OF FAMILY MEMBERS 3.3
6. NO.OF CATTLE 1.7
7. LIVESTOCK UNITS (LSU) 1.2
8. INCOME PER ANNUM N.A
9. MAIN INCOME SOURCE N.A

1. LAND USE

1. TOTAL AREA 8223 HA (100.%)

2. ARABLE AREA 5600 HA (68.%)

3. GRAZING AREA 2623 HA (32.%)

II. SOCIAL ASPECT

1. POPULATION DENSITY 5288

2. POPULATION DENSITY 64.3 /KM2

3. NO.OF HOUSEHOLDS 1429 (100.%)

4. NO.OF PLOT HOLDERS 2200 (161.%)

5. NO.OF LIVESTOCK OWNERS 1429 (100.%)

6. NO.OF PRIMARY SCHOOLS (P.S) 3

7. POPULATION PER P.S 1763.

8. NO.OF SECONDARY SCHOOLS 1

9. NO.OF BUSINESS CENTRES 1

10. NO.OF CLINICS 1

11. NEAREST TOWN/D.S.C/G.P/R.S.C N.A

12. DISTANCE TO ABOVE CENTRE 35 KM

13. LITERACY RATE N.A %

III. AGRICULTURE

IV. NATURAL REGION

2. SOIL

(1) SOIL TEXTURE SANDY LOAM

(2) SOIL DEPTH 1.0M <

(3) SOIL PH N.A

(4) LAND SLOPE UNDUULATE

3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	15	-
(2) RAPOCO	N.A	8	-
(3) MHUNGA	N.A	6	-
(4) GROUNDNUTS **	N.A	14	-
(5) SORGHUM	N.A	8	-
(6) COTTON ***	N.A	600	-
(7) SUNFLOWER	N.A	8	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE 3293

(2) GOATS & SHEEP 390

(3) DONKEY 94

(4) LIVESTOCK UNITS (LSU) * 2217

(5) LSU PER KM2 (LSU) 27.0

(6) GRAZING AREA PER LSU (HA) 1.2

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMEGE

(1) CROPS YES

(2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	8	0.10	661.
(2) WELL	10	0.12	529.

2. WATER SUPPLY SITUATION

UTILIZATION SOURCE	MAIN *	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)	FAIR	1.0
(2) LIVESTOCK	1) 2)	FAIR	2.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 3

2. CATTLE SALE PENS N.A

3. COOPERATIVE MARKETING OUTLETS N.A

4. ELECTRICITY N.A

5. POST N.A

6. TELEPHONE N.A

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY 3

2. MASTER FARMERS 78

3. MASTER FARMERS' CLUB 5

4. WOMEN'S GROUP 5

5. YOUTH GROUP N.A

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 3.9

2. GRAZING AREA (HA) 1.8

3. CROPPING AREA OF MAIZE (HA) N.A

4. CROPPING AREA OF SORGHUM (HA) N.A

5. NO.OF FAMILY MEMBERS 3.7

6. NO.OF CATTLE 2.3

7. LIVESTOCK UNITS (LSU) 1.6

8. INCOME PER ANNUM N.A

9. MAIN INCOME SOURCE N.A

I. LAND USE

1. TOTAL AREA	4681 HA (100.%)
2. ARABLE AREA	1704 HA (36.%)
3. GRAZING AREA	2977 HA (64.%)

II. SOCIAL ASPECT

1. POPULATION DENSITY	2425	51.8 /KM2
2. NO.OF HOUSEHOLDS	540	(100.%)
4. NO.OF PLOT HOLDERS	800	(148.%)
5. NO.OF LIVESTOCK OWNERS	472	(87.%)
6. NO.OF PRIMARY SCHOOLS (P.S)	2	
7. POPULATION PER P.S	1213.	
8. NO.OF SECONDARY SCHOOLS	1	
9. NO.OF BUSINESS CENTRES	2	
10. NO.OF CLINICS	1	
11. NEAREST TOWN/D.S./C/G.P/R.S./C	N.A	
12. DISTANCE TO ABOVE CENTRE	40 KM	
13. LITERACY RATE	N.A %	

III. AGRICULTURE

1. NATURAL REGION	IIIB
2. SOIL	SANDY CLAY LOAM
(1) SOIL TEXTURE	SANDY LOAM
(2) SOIL DEPTH	0.5-1.0M
(3) SOIL PH	5.5-6.5
(4) LAND SLOPE	UNDULATE
3. CROPS	AREA (HA) YIELD (BAGS/HA) TO ARABLE AREA
(1) MAIZE	500 12 0.29
(2) RAPOCO	60 10 0.04
(3) MHUNGA	2 11 0.00
(4) GROUNDNUTS **	150 15 0.09
(5) SORGHUM	2 10 0.00
(6) COTTON ***	NIL -
(7) SUNFLOWER	3 18 0.00

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHIELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	4248
(2) GOATS & SHEEP	752
(3) DONKEY	119
(4) LIVESTOCK UNITS (LSU) *	2884
(5) LSU PER KM2 (LSU)	61.6
(6) GRAZING AREA PER LSU (HA)	1.0

*)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

(1) CROPS	YES
(2) LIVESTOCK	YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	6	404.
(2) WELL	24	101.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	FAIR	1.0
(2) LIVESTOCK	1) 4)	GOOD	2.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	2
2. CATTLE SALE PENS	NIL
3. COOPERATIVE MARKETING OUTLETS	2
4. ELECTRICITY	NO
5. POST	NIL
6. TELEPHONE	NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	2
2. MASTER FARMERS	70
3. MASTER FARMERS' CLUB	6
4. WOMEN'S GROUP	4
5. YOUTH GROUP	2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	3.2
2. GRAZING AREA (HA)	5.5
3. CROPPING AREA OF MAIZE (HA)	0.9
4. CROPPING AREA OF SORGHUM (HA)	0.0
5. NO.OF FAMILY MEMBERS	4.5
6. NO.OF CATTLE	7.9
7. LIVESTOCK UNITS (LSU)	5.3
8. INCOME PER ANNUM	N.A
9. MAIN INCOME SOURCE	N.A

D.C : MASVINGO

C.L : MTLIKWE

WARD : MURINYE

CONCERNED DAM : V-2-2

I. LAND USE

- 1. TOTAL AREA 8270 HA (100.%)
- 2. ARABLE AREA 2085 HA (37.%)
- 3. GRAZING AREA 5185 HA (63.%)

- 5. DROUGHT DAMEGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION 4165
- 2. POPULATION DENSITY 50.4 /KM2
- 3. NO.OF HOUSEHOLDS 725 (100.%)
- 4. NO.OF PLOTHOLDERS 930 (128.%)
- 5. NO.OF LIVESTOCK OWNERS 466 (64.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 1388.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 3
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C N.A
- 12. DISTANCE TO ABOVE CENTRE 48 KM
- 13. LITERACY RATE N.A %

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.05	1041.
(2) WELL	30	0.36	139.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	FAIR	1-0
(2) LIVESTOCK	1) 4)	GOOD	1-0

*).1).RIVERS, 2).BORFHOLES, 3).WELLS, 4).OTHERS

III. AGRICULTURE

1. NATURAL REGION IIIB

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1088	15	0.35
(2) RAPOCO	950	10	0.18
(3) MHUNGA	39	12	0.01
(4) GROUNDNUTS **)	487	17	0.16
(5) SORGHUM	15	15	0.00
(6) COTTON ***)	1	1200	0.00
(7) SUNFLOWER	NIL	-	-

*).1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **).UNSHELLED
 ***).YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 4194
 - (2) GOATS & SHEEP 1512
 - (3) DONKEY 118
 - (4) LIVESTOCK UNITS (LSU) * 2924
 - (5) LSU PER KM2 (LSU) 35.4
 - (6) GRAZING AREA PER LSU (HA) 1.8
- *).CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 3
- 2. CATTLE SALE PENS 1
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 2. MASTER FARMERS 162
- 3. MASTER FARMERS' CLUB 7
- 4. WOMEN'S GROUP 3
- 5. YOUTH GROUP 2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 4.3
- 2. GRAZING AREA (HA) 7.2
- 3. CROPPING AREA OF MAIZE (HA) 1.5
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO.OF FAMILY MEMBERS 5.7
- 6. NO.OF CATTLE 5.8
- 7. LIVESTOCK UNITS (LSU) 4.0
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE N.A

I. LAND USE

- 1. TOTAL AREA 8675 HA (100.%)
- 2. ARABLE AREA 6156 HA (71.%)
- 3. GRAZING AREA 2519 HA (29.%)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 4800
- 2. POPULATION DENSITY 55.3 /KM2
- 3. NO.OF HOUSEHOLDS 860 (100.%)
- 4. NO.OF PLOT HOLDERS 1760 (205.%)
- 5. NO.OF LIVESTOCK OWNERS 640 (74.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 1600.
- 8. NO.OF SECONDARY SCHOOLS 2
- 9. NO.OF BUSINESS CENTRES 3
- 10. NO.OF CLINICS 2
- 11. NEAREST TOWN/D.S./C/G/P/R.S.C N.A
- 12. DISTANCE TO ABOVE CENTRE 72 KM
- 13. LITERACY RATE N.A %

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	6	0.07	800.
(2) WELL	14	0.16	343.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	FAIR	1.0
(2) LIVESTOCK	1) 4)	GOOD	1.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

III. AGRICULTURE

IVA-IVB

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST 1
- 6. TELEPHONE NIL

1. NATURAL REGION

- 2. SOIL SANDY LOAM
- (1) SOIL TEXTURE 0.5-1.0M
- (2) SOIL DEPTH 5.5-6.5
- (3) SOIL PH UNDUULATE
- (4) LAND SLOPE

3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1178	18	0.19
(2) RAPOCO	527	10	0.09
(3) MHUNGA	64	12	0.01
(4) GROUNDNUTS **)	827	N.A	0.13
(5) SORGHUM	62	15	0.01
(6) COTTON ***)	3	1200	0.00
(7) SUNFLOWER	NIL	-	-

*)...IRAGS*91KG BUT 40KG FOR GROUNDNUTS, 59KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 5730
- (2) GOATS & SHEEP 2068
- (3) DONKEY 112
- (4) LIVESTOCK UNITS (LSU) *) 3976
- (5) LSU PER KM2 (LSU) 45.8
- (6) GRAZING AREA PER LSU (HA) 0.6

*)...CATTLE*0.6LSU, GOATS&SHEEP*0.1LSU, DONKEY*0.4LSU

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 2. MASTER FARMERS 105
- 3. MASTER FARMERS' CLUB 5
- 4. WOMEN'S GROUP 2
- 5. YOUTH GROUP 2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 7.2
- 2. GRAZING AREA (HA) 2.9
- 3. CROPPING AREA OF MAIZE (HA) 1.4
- 4. CROPPING AREA OF SORGHUM (HA) 0.1
- 5. NO.OF FAMILY MEMBERS 5.6
- 6. NO.OF CATTLE 6.7
- 7. LIVESTOCK UNITS (LSU) 4.6
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE N.A

D.C : MASVINGO

C.L : MTLIKWE

WARD : CHATIKUBO

CONCERNED DAM : V-2-4

I. LAND USE

- 1. TOTAL AREA 8481 HA (100.%)
- 2. ARABLE AREA 6160 HA (73.%)
- 3. GRAZING AREA 2321 HA (27.%)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

III. SOCIAL ASPECT

- 1. POPULATION DENSITY 6610
- 2. POPULATION DENSITY 77.9 /KM2
- 3. NO.OF HOUSEHOLDS 1350 (100.%)
- 4. NO.OF PLOTHOLDERS 1845 (137.%)
- 5. NO.OF LIVESTOCK OWNERS 604 (45.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 2203.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 3
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C N.A
- 12. DISTANCE TO ABOVE CENTRE 87 KM
- 13. LITERACY RATE N.A %

IV. RURAL WATER SUPPLY

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	5	0.06	1322.
(2) WELL	20	0.24	531.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	FAIR	1.5
(2) LIVESTOCK	1) 4)	GOOD	3.0

*).RIVERS, 2).BOREHOLES, 3).WELLS, 4).OTHERS

III. AGRICULTURE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	2000	11	0.32
(2) RAPOCO	1400	10	0.23
(3) MHUNGA	187	13	0.03
(4) GROUNDNUTS **)	1053	N.A	0.17
(5) SORGHUM	102	18	0.02
(6) COTTON ***)	4	1200	0.00
(7) SUNFLOWER	55	10	0.01

*)...18AGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 5436
 - (2) GOATS & SHEEP 3672
 - (3) DONKEY 423
 - (4) LIVESTOCK UNITS (LSU) *) 4070
 - (5) LSU PER KM2 48.0
 - (6) GRAZING AREA PER LSU (HA) 0.6
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 46
- 2. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 1
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 4.6
- 2. GRAZING AREA (HA) 1.7
- 3. CROPPING AREA OF MAIZE (HA) 1.5
- 4. CROPPING AREA OF SORGHUM (HA) 0.1
- 5. NO.OF FAMILY MEMBERS 4.9
- 6. NO.OF CATTLE 4.0
- 7. LIVESTOCK UNITS (LSU) 3.0
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE N.A

I. LAND USE

- 1. TOTAL AREA 8180 HA (100.%)
- 2. ARABLE AREA N.A (- %)
- 3. GRAZING AREA N.A (- %)

5. DROUGHT DAMEGE

- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION 6020
- 2. POPULATION DENSITY 73.6 /KM2
- 3. NO.OF HOUSEHOLDS 860 (100.%)
- 4. NO.OF PLOT HOLDERS 633 (74.%)
- 5. NO.OF LIVESTOCK OWNERS 667 (78.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 2007.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 2
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C N.A
- 12. DISTANCE TO ABOVE CENTRE 12 KM
- 13. LITERACY RATE N.A %

III. AGRICULTURE

1. NATURAL REGION V

- 2. SOIL SANDY LOAM SANDY CLAY LOAM
 - (1) SOIL TEXTURE 0.5M >
 - (2) SOIL DEPTH 5.5-6.5
 - (3) SOIL PH UNULATE SLOPE
 - (4) LAND SLOPE
 - 3. CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CROPPING AREA TO ARABLE AREA |
|--------------------|-------------|-----------------|--------------------------------------|
| (1) MAIZE | 1266 | 10 | - |
| (2) RAPOCO | 633 | 8 | - |
| (3) MHUNGA | 20 | 6 | - |
| (4) GROUNDNUTS **) | 342 | 18 | - |
| (5) SORGHUM | 500 | 8 | - |
| (6) COTTON ***) | 30 | 1000 | - |
| (7) SUNFLOWER | 1 | 22 | - |

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 4665
- (2) GOATS & SHEEP 1126
- (3) DONKEY 175
- (4) LIVESTOCK UNITS (LSU) *) 3216
- (5) LSU PER KM2 (LSU) 39.3
- (6) GRAZING AREA PER LSU (HA) N.A
- *)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	7	0.09	860.
(2) WELL	18	0.22	334.

2. WATER SUPPLY SITUATION

UTILIZATION	SOURCE	MAIN *)	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3)		POOR	4.0
(2) LIVESTOCK	1) 4)		POOR	6.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS N.A
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 5
- 2. MASTER FARMERS 230
- 3. MASTER FARMERS' CLUB 2
- 4. WOMEN'S GROUP 3
- 5. YOUTH GROUP 4

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) N.A
- 2. GRAZING AREA (HA) N.A
- 3. CROPPING AREA OF MAIZE (HA) 1.5
- 4. CROPPING AREA OF SORGHUM (HA) 0.6
- 5. NO.OF FAMILY MEMBERS 7.0
- 6. NO.OF CATTLE 5.4
- 7. LIVESTOCK UNITS (LSU) 3.7
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE N.A

I. LAND USE

1. TOTAL AREA	17220 HA (100.%)
2. ARABLE AREA	N.A (- %)
3. GRAZING AREA	N.A (- %)

5. DROUGHT DAMAGE
(1) CROPS
(2) LIVESTOCK

YES
YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	3	0.02	1858.
(2) WELL	14	0.08	398.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3) 4)	FAIR	2.5
(2) LIVESTOCK	1) 4)	POOR	3.0

*).1).RIVERS, 2).BORFHOLES, 3).WELLS, 4).OTHERS

III. AGRICULTURE

1. NATURAL REGION

(1) SOIL TEXTURE	SANDY LOAM	SANDY CLAY LOAM
(2) SOIL DEPTH	0.5M >	
(3) SOIL PH	5.5-6.5	
(4) LAND SLOPE	UNDULATE	

3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	520	10	-
(2) RABOCO	115	7	-
(3) MHUNGA	110	7	-
(4) GROUNDNUTS **)	348	12	-
(5) SORGHUM	60	8	-
(6) COTTON ***)	25	1000	-
(7) SUNFLOWER	1	9	-

*).1RAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**).UNSHELLED

***).YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	6800
(2) GOATS & SHEEP	620
(3) DONKEY	125
(4) LIVESTOCK UNITS (LSU) *	4532
(5) LSUS PER KM2 (LSU)	26.3
(6) GRAZING AREA PER LSU (HA)	N.A

*).CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- DIP-TANKS 2
- CATTLE SALE PENS 1
- COOPERATIVE MARKETING OUTLETS N.A
- ELECTRICITY NO
- POST NIL
- TELEPHONE NIL

VI. LOCAL ORGANIZATION

- PRIMARY CO-OPERATIVE SOCIETY 4
- MASTER FARMERS 145
- MASTER FARMERS' CLUB 8
- WOMEN'S GROUP NIL
- YOUTH GROUP 2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- ARABLE AREA (HA) N.A
- GRAZING AREA (HA) N.A
- CROPPING AREA OF MAIZE (HA) 0.9
- CROPPING AREA OF SORGHUM (HA) 0.1
- NO. OF FAMILY MEMBERS 10.1
- NO. OF CATTLE 12.4
- LIVESTOCK UNITS (LSU) 8.2
- INCOME PER ANNUM N.A
- MAIN INCOME SOURCE N.A

I. LAND USE

1. TOTAL AREA	5860 HA (100.%)
2. ARABLE AREA	N.A (- %)
3. GRAZING AREA	N.A (- %)

5. DROUGHT DAMAGE

(1) CROPS	YES
(2) LIVESTOCK	YES

II. SOCIAL ASPECT

1. POPULATION DENSITY	4872
2. NO. OF HOUSEHOLDS	83.1 /KM2
3. NO. OF PLOTHOLDERS	642 (100.%)
4. NO. OF LIVESTOCK OWNERS	642 (100.%)
5. NO. OF PRIMARY SCHOOLS (P.S)	620 (97.%)
6. POPULATION PER P.S	1
7. NO. OF SECONDARY SCHOOLS	4872.
8. NO. OF BUSINESS CENTRES	NIL
9. NO. OF CLINICS	NIL
10. NEAREST TOWN/D.S./C/G./P/R.S.C	N.A
11. DISTANCE TO ABOVE CENTRE	20 KM
12. LITERACY RATE	N.A %

III. AGRICULTURE

1. NATURAL REGION

2. SOIL	SANDY LOAM
(1) SOIL TEXTURE	0.5M >
(2) SOIL DEPTH	5.5-6.5
(3) SOIL PH	UNDULATE
(4) LAND SLOPE	

3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	680	8	-
(2) RAPOCO	42	6	-
(3) MHUNGA	22	6	-
(4) GROUNDNUTS **)	170	15	-
(5) SORGHUM	30	6	-
(6) COTTON ***)	12	1000	-
(7) SUNFLOWER	NIL	-	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	2140
(2) GOATS & SHEEP	201
(3) DONKEY	34
(4) LIVESTOCK UNITS (LSU) *)	1425
(5) LSU PER KM2 (LSU)	24.3
(6) GRAZING AREA PER LSU (HA)	N.A

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	2	0.03	2436.
(2) WELL	N.A	N.A	N.A

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3) 4)	FAIR	3.0
(2) LIVESTOCK	1) 4)	POOR	5.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	1
2. CATTLE SALE PENS	1
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	NO
5. POST	NIL
6. TELEPHONE	NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	3
2. MASTER FARMERS	31
3. MASTER FARMERS' CLUB	4
4. WOMEN'S GROUP	N.A
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	N.A
2. GRAZING AREA (HA)	N.A
3. CROPPING AREA OF MAIZE (HA)	1.1
4. CROPPING AREA OF SORGHUM (HA)	0.0
5. NO. OF FAMILY MEMBERS	7.6
6. NO. OF CATTLE	3.3
7. LIVESTOCK UNITS (LSU)	2.2
8. INCOME PER ANNUM	N.A
9. MAIN INCOME SOURCE	N.A

D.C : MASVINGO

C.L : NYAJENA

WARD : DOWA 6

CONCERNED DAM : V-3-3

I. LAND USE

- 1. TOTAL AREA 6150 HA (100.%)
- 2. ARABLE AREA N.A (- %)
- 3. GRAZING AREA N.A (- %)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 4592
- 2. NO. OF HOUSEHOLDS 74.7 /KM2
- 3. NO. OF PLOT HOLDERS 615 (100.%)
- 4. NO. OF LIVESTOCK OWNERS 615 (100.%)
- 5. NO. OF PRIMARY SCHOOLS (P.S) 1
- 6. POPULATION PER P.S 4592.
- 7. NO. OF SECONDARY SCHOOLS NIL
- 8. NO. OF BUSINESS CENTRES 1
- 9. NO. OF CLINICS NIL
- 10. NEAREST TOWN/D.S.C/G.P/R.S.C N.A
- 11. DISTANCE TO ABOVE CENTRE 48 KM
- 12. LITERACY RATE N.A %

IV. RURAL WATER SUPPLY

- 1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	1	0.02	4592.
(2) WELL	1	0.02	4592.
- 2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2) 3) 4)	POOR	1.5
(2) LIVESTOCK	4)	POOR	4.0

*).).1).RIVERS, 2).BORHOLES, 3).WELLS, 4).OTHERS

III. AGRICULTURE

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. NATURAL REGION V
- 2. SOIL

(1) SOIL TEXTURE	LOAM	SANDY CLAY LOAM
(2) SOIL DEPTH	0.5M >	
(3) SOIL PH	5.5-6.5	
(4) LAND SLOPE	UNDULATE	
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	445	12	-
(2) RAPOCO	90	8	-
(3) MUNGU	75	7	-
(4) GROUNDNUTS **)	70	15	-
(5) SORGHUM	65	8	-
(6) COTTON ***)	10	1000	-
(7) SUNFLOWER	1	1	-

- 1. DIP-TANKS 1
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 5
- 3. MASTER FARMERS' CLUB 1
- 4. WOMEN'S GROUP NIL
- 5. YOUTH GROUP N.A

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) N.A
- 2. GRAZING AREA (HA) N.A
- 3. CROPPING AREA OF MAIZE (HA) 0.7
- 4. CROPPING AREA OF SORGHUM (HA) 0.1
- 5. NO. OF FAMILY MEMBERS 7.5
- 6. NO. OF CATTLE 4.8
- 7. LIVESTOCK UNITS (LSU) 3.2
- 8. INCOME PER ANNUM N.A
- 9. MAIN INCOME SOURCE N.A

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2974
- (2) GOATS & SHEEP 256
- (3) DONKEY 80
- (4) LIVESTOCK UNITS (LSU) * 1991
- (5) LSU PER KM2 (LSU) 32.4
- (6) GRAZING AREA PER LSU (HA) N.A

*).).CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

I. LAND USE

1. TOTAL AREA 7890 HA (100.%)
2. ARABLE AREA N.A (- %)
3. GRAZING AREA N.A (- %)

II. SOCIAL ASPECT

1. POPULATION DENSITY 5040
2. NO. OF HOUSEHOLDS 63.9 /KM2 (100.%)
3. NO. OF PLOTHOLDERS 900 (94.%)
4. NO. OF LIVESTOCK OWNERS 850 (94.%)
5. NO. OF PRIMARY SCHOOLS (P.S) 400 (44.%)
6. NO. OF SECONDARY SCHOOLS 2
7. NO. OF BUSINESS CENTRES 2520.
8. NO. OF CLINICS 1
9. NO. OF NEAREST TOWN/D.S./C/G.P/R.S./C 2
10. DISTANCE TO ABOVE CENTRE NIL
11. LITERACY RATE N.A
12. LITERACY RATE 37 KM
13. LITERACY RATE 69 %

III. AGRICULTURE

III-IV

1. NATURAL REGION
 2. SOIL SANDY LOAM
 - (1) SOIL TEXTURE 0.3-1.0M
 - (2) SOIL DEPTH 4.5-5.5
 - (3) SOIL PH UNULATE
 - (4) LAND SLOPE
 3. CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CROPPING AREA TO ARABLE AREA |
|---------------------|-----------|-----------------|--------------------------------------|
| (1) MAIZE | 600 | 15 | - |
| (2) RAPOCO | 300 | 11 | - |
| (3) MHUNGA | NIL | - | - |
| (4) GROUNDNUTS (**) | 150 | 18 | - |
| (5) SORGHUM | NIL | - | - |
| (6) COTTON (***) | NIL | - | - |
| (7) SUNFLOWER | NIL | - | - |

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHIELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 3000
 - (2) GOATS & SHEEP 450
 - (3) DONKEY 39
 - (4) LIVESTOCK UNITS (LSU) * 2011
 - (5) LSU PER KM2 (LSU) 25.5
 - (6) GRAZING AREA PER LSU (HA) N.A
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	3	0.04	1680.
(2) WELL	9	0.11	560.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	3)	GOOD	4.0
(2) LIVESTOCK	1)	GOOD	5.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 2
2. CATTLE SALE PENS 1
3. COOPERATIVE MARKETING OUTLETS N.A
4. ELECTRICITY NIL
5. POST NIL
6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY 3
2. MASTER FARMERS 150
3. MASTER FARMERS' CLUB 7
4. WOMEN'S GROUP 3
5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) N.A
2. GRAZING AREA (HA) N.A
3. CROPPING AREA OF MAIZE (HA) 0.7
4. CROPPING AREA OF SORGHUM (HA) N.A
5. NO. OF FAMILY MEMBERS 5.6
6. NO. OF CATTLE 3.3
7. LIVESTOCK UNITS (LSU) 2.2
8. INCOME PER ANNUM 25 200-400 CROPS
9. MAIN INCOME SOURCE

SOURCE : AGRITEX, 1986

D.C : MASVINGO

C.L : ZIMUTU

WARD : GURAJENA MUTONHODZA

CONCERNED DAM : V-4-2

I. LAND USE

- 1. TOTAL AREA 6820 HA (100.%)
- 2. ARABLE AREA N.A (- %)
- 3. GRAZING AREA N.A (- %)

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 4200
- 2. POPULATION DENSITY 61.6 /KM2
- 3. NO.OF HOUSEHOLDS 1000 (100.%)
- 4. NO.OF PLOT HOLDERS 950 (95.%)
- 5. NO.OF LIVESTOCK OWNERS 450 (45.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 5
- 7. POPULATION PER P.S 840.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 4
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S./C/G.P/R.S./C N.A
- 12. DISTANCE TO ABOVE CENTRE 45 KM
- 13. LITERACY RATE 65 %

III. AGRICULTURE

III-IV

- 1. NATURAL REGION
- 2. SOIL SANDY LOAM
- (1) SOIL TEXTURE 0.5-1.0M
- (2) SOIL DEPTH 4.5-5.5
- (3) SOIL PH UNDUULATE
- (4) LAND SLOPE

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA (HA)	RATE OF
(1) MAIZE	900	15	-	-
(2) RAPOCO	300	11	-	-
(3) MHUNGA	NIL	-	-	-
(4) GROUNDNUTS **	160	20	-	-
(5) SORGHUM	10	5	-	-
(6) COTTON ***	NIL	-	-	-
(7) SUNFLOWER	NIL	-	-	-

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

IV. LIVESTOCK

- (1) CATTLE 4000
 - (2) GOATS & SHEEP 500
 - (3) DONKEY 40
 - (4) LIVESTOCK UNITS (LSU) * 2666
 - (5) LSU PER KM2 (LSU) 39.1
 - (6) GRAZING AREA PER LSU (HA) N.A
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

- 5. DROUGHT DAMAGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	8	0.12	525.
(2) WELL	10	0.15	420.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	3)	GOOD	4.0
(2) LIVESTOCK	1)	GOOD	14.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 3
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 2
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 4
- 1. MASTER FARMERS 130
- 2. MASTER FARMERS' CLUB 8
- 4. WOMEN'S GROUP 4
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) N.A
- 2. GRAZING AREA (HA) N.A
- 3. CROPPING AREA OF MAIZE (HA) 0.9
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO.OF FAMILY MEMBERS 4.2
- 6. NO.OF CATTLE 4.0
- 7. LIVESTOCK UNITS (LSU) 2.7
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 6360 HA (100.%)
- 2. ARABLE AREA N.A (- %)
- 3. GRAZING AREA N.A (- %)

- 5. DROUGHT DAMEGE NO
- (1) CROPS NO
- (2) LIVESTOCK NO

III. SOCIAL ASPECT

- 1. POPULATION 6300
- 2. POPULATION DENSITY 99.1 /KM2
- 3. NO.OF HOUSEHOLDS 1000 (100.%)
- 4. NO.OF PLOT HOLDERS 900 (90.%)
- 5. NO.OF LIVESTOCK OWNERS 300 (30.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 2100.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 2
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C N.A
- 12. DISTANCE TO ABOVE CENTRE 35 KM
- 13. LITERACY RATE 75 %

III. AGRICULTURE

III-IV

1. NATURAL REGION

- 2. SOIL (1) SOIL TEXTURE SANDY LOAM
- (2) SOIL DEPTH 0.5-1.0M
- (3) SOIL PH 4.5-5.5
- (4) LAND SLOPE UNDUULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	500	15	-
(2) RAPOCO	200	11	-
(3) MHUNGA	NIL	-	-
(4) GROUNDNUTS **)	150	17	-
(5) SORGHUM	20	4	-
(6) COTTON ***)	NIL	-	-
(7) SUNFLOWER	NIL	-	-

*)...18BAGS=91KG BUT 40XG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2500
- (2) GOATS & SHEEP 320
- (3) DONKEY 31
- (4) LIVESTOCK UNITS (LSU) *) 1669
- (5) LSU PER KM2 (LSU) 26.2
- (6) GRAZING AREA PER LSU (HA) N.A

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	5	0.08	1260.
(2) WELL	6	0.09	1050.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2)	GOOD	5.0
(2) LIVESTOCK	1)	FAIR	10.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST 1
- 6. TELEPHONE 2

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 3
- 1. MASTER FARMERS 120
- 3. MASTER FARMERS' CLUB 5
- 4. WOMEN'S GROUP 3
- 5. YOUTH GROUP 2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) N.A
- 2. GRAZING AREA (HA) N.A
- 3. CROPPING AREA OF MAIZE (HA) 0.5
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO.OF FAMILY MEMBERS 6.3
- 6. NO.OF CATTLE 2.5
- 7. LIVESTOCK UNITS (LSU) 1.7
- 8. INCOMF PER ANNUM 25 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	8300 HA (100.%)
2. ARABLE AREA	5395 HA (65.%)
3. GRAZING AREA	2905 HA (35.%)

II. SOCIAL ASPECT

1. POPULATION	5320
2. POPULATION DENSITY	64.1 /KM2
3. NO.OF HOUSEHOLDS	1539 (100.%)
4. NO.OF PLOT HOLDERS	1500 (97.%)
5. NO.OF LIVESTOCK OWNERS	349 (23.%)
6. NO.OF PRIMARY SCHOOLS (P.S)	2
7. POPULATION PER P.S	2660.
8. NO.OF SECONDARY SCHOOLS	1
9. NO.OF BUSINESS CENTRES	1
10. NO.OF CLINICS	1
11. NEAREST TOWN/D.S./C/G.P/R.S.C	CHIVI
12. DISTANCE TO ABOVE CENTRE	33 KM
13. LITERACY RATE	N.A %

III. AGRICULTURE

1. NATURAL REGION V

2. SOIL	SANDY CLAY LOAM
(1) SOIL TEXTURE	0.5-1.0M
(2) SOIL DEPTH	6.5 <
(3) SOIL PH	5.5-6.5
(4) LAND SLOPE	UNDULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	540	4	0.10
(2) RAPOCO	500	3	0.09
(3) MHUNGA	1915	5	0.35
(4) GROUNDNUTS **)	53	5	0.01
(5) SORGHUM	1915	9	0.35
(6) COTTON ***)	53	700	0.01
(7) SUNFLOWER	378	8	0.07

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	1053
(2) GOATS & SHEEP	1463
(3) DONKEY	254
(4) LIVESTOCK UNITS (LSU) *)	932
(5) LSU PER KM2 (LSU)	11.2
(6) GRAZING AREA PER LSU (HA)	3.1

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMEGE

(1) CROPS YES
(2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	5	0.06	1064.
(2) WELL	1	0.01	5320.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 4)	POOR	4.0
(2) LIVESTOCK	1) 4)	POOR	4.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	NIL
2. CATTLE SALE PENS	NIL
3. COOPERATIVE MARKETING OUTLETS	1
4. ELECTRICITY	YES
5. POST	NIL
6. TELEPHONE	NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	1
2. MASTER FARMERS	80
3. MASTER FARMERS' CLUB	6
4. WOMEN'S GROUP	20
5. YOUTH GROUP	1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	3.5
2. GRAZING AREA (HA)	1.9
3. CROPPING AREA OF MAIZE (HA)	0.4
4. CROPPING AREA OF SORGHUM (HA)	1.2
5. NO.OF FAMILY MEMBERS	3.5
6. NO.OF CATTLE	0.7
7. LIVESTOCK UNITS (LSU)	0.6
8. INCOME PER ANNUM	ZS 200-400
9. MAIN INCOME SOURCE	CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 11500 HA (100.%)
- 2. ARABLE AREA 6900 HA (60.%)
- 3. GRAZING AREA 4600 HA (40.%)

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6116
- 2. POPULATION DENSITY 53.2 /KM2
- 3. NO.OF HOUSEHOLDS 1307 (100.%)
- 4. NO.OF PLOTHOLDERS 1307 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 568 (43.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 5
- 7. POPULATION PER P.S 1223.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 3
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C.G.P/R.S./C CHIVI
- 12. DISTANCE TO ABOVE CENTRE 22 KM
- 13. LITERACY RATE N.A %

III. AGRICULTURE

IV-V

- 1. NATURAL REGION
- 2. SOIL
 - (1) SOIL TEXTURE SANDY LOAM
 - (2) SOIL DEPTH 1.0M <
 - (3) SOIL PH 4.5-5.5
 - (4) LAND SLOPE UNDULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA TO ARABLE AREA	RATE OF
(1) MAIZE	2760	8		0.40
(2) RAPOCO	1035	5		0.15
(3) MHUNGA	690	5		0.10
(4) GROUNDNUTS (**)	690	8		0.10
(5) SORGHUM	690	6		0.10
(6) COTTON (***)	6	700		0.00
(7) SUNFLOWER	552	12		0.08

*)...1RAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2840
 - (2) GOATS & SHEEP 1751
 - (3) DONKEY 275
 - (4) LIVESTOCK UNITS (LSU) *) 2131
 - (5) LSU PER KM2 (LSU) 18.5
 - (6) GRAZING AREA PER LSU (HA) 2.2
- *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

- 5. DROUGHT DAMAGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.03	1529.
(2) WELL	NIL		

2. WATER SUPPLY SITUATION

UTILIZATION	SOURCE	MAIN *)	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 4)		POOR	3.0
(2) LIVESTOCK	1) 4)		POOR	3.0

*)...1)..RIVERS, 2)..BORHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 3
- 2. CATTLE SALE PFNS NIL
- 3. COOPERATIVE MARKETING OUTLETS 2
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE 5

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 2
- 1. MASTER FARMERS 82
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 25
- 5. YOUTH GROUP 4

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 5.2
- 2. GRAZING AREA (HA) 3.5
- 3. CROPPING AREA OF MAIZE (HA) 2.1
- 4. CROPPING AREA OF SORGHUM (HA) 0.5
- 5. NO.OF FAMILY MEMBERS 4.7
- 6. NO.OF CATTLE 2.2
- 7. LIVESTOCK UNITS (LSU) 1.6
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : CHIVI

C.L : CHIVI

WARD : 17

CONCERNED DAM : VI-1-1

I. LAND USE

- 1. TOTAL AREA 14900 HA (100.%)
- 2. ARABLE AREA 6705 HA (45.%)
- 3. GRAZING AREA 8195 HA (55.%)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION 6073
- 2. POPULATION DENSITY 40.8 /KM2
- 3. NO.OF HOUSEHOLDS 1271 (100.%)
- 4. NO.OF PLOT HOLDERS 1271 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 603 (47.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 2024.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 3
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C CHIVI
- 12. DISTANCE TO ABOVE CENTRE 29 KM
- 13. LITERACY RATE N.A %

III. AGRICULTURE

V

1. NATURAL REGION

- 2. SOIL SANDY CLAY LOAM
- (1) SOIL TEXTURE SANDY LOAM
- (2) SOIL DEPTH 0.5-1.0M
- (3) SOIL PH 4.5-5.5
- (4) LAND SLOPE UNDULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	670	7	0.10
(2) RAPOCO	1341	8	0.20
(3) Mhunga	2011	8	0.30
(4) GROUNDNUTS **	1330	7	0.20
(5) SORGHUM	681	6	0.10
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	672	8	0.10

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 3136
- (2) GOATS & SHEEP 3387
- (3) DONKEY 815
- (4) LIVESTOCK UNITS (LSU) * 2703
- (5) LSU PER KM2 (LSU) 18.1
- (6) GRAZING AREA PER LSU (HA) 3.0

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.03	1518.
(2) WELL	6	0.04	1012.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3) 4)	POOR	6.0
(2) LIVESTOCK	1) 2) 3) 4)	POOR	12.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 31
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 2
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 5.3
- 2. GRAZING AREA (HA) 6.4
- 3. CROPPING AREA OF MAIZE (HA) 0.5
- 4. CROPPING AREA OF SORGHUM (HA) 0.5
- 5. NO.OF FAMILY MEMBERS 4.8
- 6. NO.OF CATTLE 2.5
- 7. LIVESTOCK UNITS (LSU) 2.1
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : CHIVI

C.L : CHIVI

WARD : 20

CONCERNED DAM : VI-1-4

I. LAND USE

- 1. TOTAL AREA 17000 HA (100.%)
- 2. ARABLE AREA 9350 HA (55.%)
- 3. GRAZING AREA 7650 HA (45.%)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 5162
- 2. NO. OF HOUSEHOLDS 30.4 /KM2
- 3. NO. OF PLOT HOLDERS 946 (100.%)
- 4. NO. OF LIVESTOCK OWNERS 946 (100.%)
- 5. NO. OF PRIMARY SCHOOLS (P.S) 541 (57.%)
- 6. POPULATION PER P.S 3
- 7. NO. OF SECONDARY SCHOOLS 1721.
- 8. NO. OF BUSINESS CENTRES NIL
- 9. NO. OF CLINICS 3
- 10. NEAREST TOWN/D.S./C/G.P/R.S.C NIL
- 11. DISTANCE TO ABOVE CENTRE NGUNDU 35 KM
- 12. LITERACY RATE N.A %

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	6	0.04	860.
(2) WELL	NIL	-	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 4)	POOR	3.0
(2) LIVESTOCK	1) 2)	POOR	3.0

*)...1)..RIVERS, 2)..BORPHOLES, 3)..WELLS, 4)..OTHERS

III. AGRICULTURE

1. NATURAL REGION

- 2. SOIL SANDY CLAY LOAM
- (1) SOIL TEXTURE SANDY LOAM
- (2) SOIL DEPTH 1.0M <
- (3) SOIL PH 5.5-6.5
- (4) LAND SLOPE FLAT

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA TO ARABLE AREA	RATE OF
(1) MAIZE	3459	6	0.37	
(2) RAPOCO	1870	5	0.20	
(3) MHUNGA	1402	4	0.15	
(4) GROUNDNUTS **)	1870	10	0.20	
(5) SORGHUM	467	7	0.05	
(6) COTTON ***)	50	700	0.01	
(7) SUNFLOWER	467	10	0.05	

- *)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
- **)...UNSHELLED
- ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2174
 - (2) GOATS & SHEEP 3315
 - (3) DONKEY 470
 - (4) LIVESTOCK UNITS (LSU) * 1923
 - (5) LSU PER KM2 (LSU) 11.4
 - (6) GRAZING AREA PER LSU (HA) 4.0
- *)...CATTLE=0.6>LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. PIP-TANKS 2
- 2. CATTLE SALE PFNS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 2. MASTER FARMERS 65
- 3. MASTER FARMERS' CLUB 1
- 4. WOMEN'S GROUP 5
- 5. YOUTH GROUP 3

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 9.9
- 2. GRAZING AREA (HA) 8.1
- 3. CROPPING AREA OF MAIZE (HA) 3.7
- 4. CROPPING AREA OF SORGHUM (HA) 0.5
- 5. NO. OF FAMILY MEMBERS 5.5
- 6. NO. OF CATTLE 2.3
- 7. LIVESTOCK UNITS (LSU) 2.0
- 8. INCOME PER ANNUM 25 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA 13700 HA (100.%)
2. ARABLE AREA 8220 HA (60.%)
3. GRAZING AREA 5480 HA (40.%)

5. DROUGHT DAMAGE

(1) CROPS YES
(2) LIVESTOCK YES

II. SOCIAL ASPECT

1. POPULATION DENSITY 6098
2. POPULATION DENSITY 44.5 /KM2
3. NO.OF HOUSEHOLDS 1356 (100.%)
4. NO.OF PLOT HOLDERS 1356 (100.%)
5. NO.OF LIVESTOCK OWNERS 713 (53.%)
6. NO.OF PRIMARY SCHOOLS (P.S) 3
7. POPULATION PER P.S 2033.
8. NO.OF SECONDARY SCHOOLS 1
9. NO.OF BUSINESS CENTRES 3
10. NO.OF CLINICS NIL
11. NEAREST TOWN/D.S.C/G.P/R.S.C NGUNDU
12. DISTANCE TO ABOVE CENTRE 24 KM
13. LITERACY RATE N.A %

III. AGRICULTURE

1. NATURAL REGION V

2. SOIL
 - (1) SOIL TEXTURE SANDY LOAM SANDY CLAY LOAM
 - (2) SOIL DEPTH 1.0M <
 - (3) SOIL PH 5.5-6.5
 - (4) LAND SLOPE FLAT UNDULATE *
 - 3.CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CROPPING AREA TO ARABLE AREA |
|-------------------|-------------|-----------------|--------------------------------------|
| (1) MAIZE | 3041 | N.A | 0.37 |
| (2) RAPOCO | 822 | N.A | 0.10 |
| (3) MHUNRA | 2426 | N.A | 0.30 |
| (4) GROUNDNUTS ** | 722 | N.A | 0.09 |
| (5) SORGHUM | 820 | N.A | 0.10 |
| (6) COTTON *** | 100 | N.A | 0.01 |
| (7) SUNFLOWER | 311 | N.A | 0.04 |

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 4206
 - (2) GOATS & SHEEP 1794
 - (3) DONKEY 452
 - (4) LIVESTOCK UNITS (LSU) * 3094
 - (5) LSU PER KM2 (LSU) 22.6
 - (6) GRAZING AREA PER LSU (HA) 1.8
- *)...CATTLE=0.69LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	8	0.06	762.
(2) WELL	NIL	-	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 4)	POOR	4.0
(2) LIVESTOCK	1) 2)	POOR	4.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 3
2. CATTLE SALE PFNS NIL
3. COOPERATIVE MARKETING OUTLETS 1
4. ELECTRICITY NO
5. POST NIL
6. TELEPHONE 2

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY 1
2. MASTER FARMERS 70
3. MASTER FARMERS' CLUB 2
4. WOMEN'S GROUP 5
5. YOUTH GROUP 3

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 6.1
2. GRAZING AREA (HA) 4.0
3. CROPPING AREA OF MAIZE (HA) 2.2
4. CROPPING AREA OF SORGHUM (HA) 0.6
5. NO.OF FAMILY MEMBERS 4.5
6. NO.OF CATTLE 3.1
7. LIVESTOCK UNITS (LSU) 2.3
8. INCOME PER ANNUM ZS 200-400
9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

- 1. TOTAL AREA 14000 HA (100.%)
- 2. ARABLE AREA 4900 HA (35.%)
- 3. GRAZING AREA 9100 HA (65.%)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6467
- 2. POPULATION DENSITY 46.2 /KM2
- 3. NO.OF HOUSEHOLDS 1572 (100.%)
- 4. NO.OF PLOTHOLDERS 1572 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 764 (49.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 2156.
- 8. NO.OF SECONDARY SCHOOLS 2
- 9. NO.OF BUSINESS CENTRES 4
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C NGUNDU
- 12. DISTANCE TO ABOVE CENTRE 16 KM
- 13. LITERACY RATE N.A %

III. AGRICULTURE

- 1. NATURAL REGION IV-V
 - 2. SOIL SANDY LOAM SANDY CLAY LOAM
 - (1) SOIL TEXTURE 1.0M <
 - (2) SOIL DEPTH 4.5-5.5
 - (3) SOIL PH UNDUULATE
 - (4) LAND SLOPE
 - 3. CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CHOPPING AREA TO ARABLE AREA |
|-------------------|-------------|-------------------|--------------------------------------|
| (1) MAIZE | 2440 | 10 | 0.50 |
| (2) RAPOCO | 782 | 7 | 0.16 |
| (3) MHUNGA | 496 | 4 | 0.10 |
| (4) GROUNDNUTS ** | 484 | 10 | 0.10 |
| (5) SORGHUM | 490 | 9 | 0.10 |
| (6) COTTON *** | 20 | 800 | 0.100 |
| (7) SUNFLOWER | 238 | 10 | 0.05 |
- *). 1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **) UNSHELLED
 ***) YIELD UNIT IS KG/HA

- 4. LIVESTOCK
 - (1) CATTLE 4759
 - (2) GOATS & SHEEP 2463
 - (3) DONKEY 480
 - (4) LIVESTOCK UNITS (LSU) * 3532
 - (5) LSU PER KM2 (LSU) 25.2
 - (6) GRAZING AREA PER LSU (HA) 2.6
- *). CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	12	0.09	539.
(2) WELL	NIL	-	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 4)	POOR	1.0
(2) LIVESTOCK	1) 2) 4)	POOR	3.0

*). RIVERS, 2). BOREHOLES, 3). WELLS, 4). OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS 1
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE 2

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 1. MASTER FARMERS 50
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 5
- 5. YOUTH GROUP 3

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 3.1
- 2. GRAZING AREA (HA) 5.8
- 3. CROPPING AREA OF MAIZE (HA) 1.6
- 4. CROPPING AREA OF SORGHUM (HA) 0.3
- 5. NO.OF FAMILY MEMBERS 4.1
- 6. NO.OF CATTLE 3.0
- 7. LIVESTOCK UNITS (LSU) 2.2
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

1. LAND USE

1. TOTAL AREA	13600 HA (100.%)
2. ARABLE AREA	3400 HA (25.%)
3. GRAZING AREA	10200 HA (75.%)

3. DROUGHT DAMAGE
(1) CROPS YES
(2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	1536.
(2) WELL	NIL	-

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 4)	POOR	2.0
(2) LIVESTOCK	1) 2) 4)	POOR	2.0

*).1).RIVERS, 2).BOREHOLES, 3).WELLS, 4).OTHERS

III. AGRICULTURE

1. NATURAL REGION IV

2. SOIL SANDY CLAY LOAM

(1) SOIL TEXTURE SANDY LOAM
(2) SOIL DEPTH 1.0M <
(3) SOIL PH 4.5-5.5
(4) LAND SLOPE

3.CROPS	ARFA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1348	12	0.40
(2) RAPOCO	505	8	0.15
(3) MHUNGA	337	6	0.10
(4) GROUNDNUTS **)	500	13	0.15
(5) SORGHUM	515	9	0.15
(6) COTTON ***)	30	900	0.01
(7) SUNFLOWER	165	11	0.05

*).1.BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**).UNSHELLED

***).YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	2942
(2) GOATS & SHEEP	1578
(3) DONKEY	319
(4) LIVESTOCK UNITS (LSU) *)	2198
(5) LSU PER KM2 (LSU)	16.2
(6) GRAZING AREA PER LSU (HA)	4.6

*)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	2
2. CATTLE SALE PENS	NIL
3. COOPERATIVE MARKETING OUTLETS	1
4. ELECTRICITY	YES
5. POST	1
6. TELEPHONE	1

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	1
1. MASTER FARMERS	35
3. MASTER FARMERS' CLUB	6
4. WOMEN'S GROUP	4
5. YOUTH GROUP	3

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	2.5
2. GRAZING AREA (HA)	7.4
3. CROPPING AREA OF MAIZE (HA)	1.0
4. CROPPING AREA OF SORGHUM (HA)	0.4
5. NO.OF FAMILY MEMBERS	4.5
6. NO.OF CATTLE	2.1
7. LIVESTOCK UNITS (LSU)	1.6
8. INCOME PER ANNUM	ZS 200-400
9. MAIN INCOME SOURCE	CROPS

SOURCE : AGRITEX, 1986

D.C : CHIVI

C.L : MASHABA

WARD : 2

CONCERNED DAM : VI-2-2

I. LAND USE

- 1. TOTAL AREA 8600 HA (100.%)
- 2. ARABLE AREA 5160 HA (60.%)
- 3. GRAZING AREA 3440 HA (40.%)

5. DROUGHT DAMEGE

- (1) CROPS YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION 7100
- 2. POPULATION DENSITY 82.6 /KM2
- 3. NO.OF HOUSEHOLDS 720 (100.%)
- 4. NO.OF PLOT HOLDERS 393 (55.%)
- 5. NO.OF LIVESTOCK OWNERS 2
- 6. NO.OF PRIMARY SCHOOLS (P.S) 2
- 7. POPULATION PER P.S 3550.
- 8. NO.OF SECONDARY SCHOOLS 4
- 9. NO.OF BUSINESS CENTRES N.A
- 10. NO.OF CLINICS N.A
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C MASHABA 25 KM
- 12. DISTANCE TO ABOVE CENTRE N.A %
- 13. LITERACY RATE

III. AGRICULTURE

IV

- 1. NATURAL REGION SANDY LOAM SANDY CLAY LOAM
 - 2. SOIL
 - (1) SOIL TEXTURE 0.5-1.0M 0.5M >
 - (2) SOIL DEPTH 4.5-5.5
 - (3) SOIL PH UNOULATE
 - (4) LAND SLOPE
 - 3. CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CROPPING AREA TO ARABLE AREA |
|-------------------|-------------|-----------------|--------------------------------------|
| (1) MAIZE | 2064 | 12 | 0.40 |
| (2) RAPOCO | 1290 | 8 | 0.25 |
| (3) MHUNGA | 258 | 6 | 0.05 |
| (4) GROUNDNUTS ** | 774 | 15 | 0.15 |
| (5) SORGHUM | 260 | 7 | 0.05 |
| (6) COTTON *** | 13 | 700 | 0.00 |
| (7) SUNFLOWER | 501 | 8 | 0.10 |

*).).).TRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **).).).UNSHELLED
 ***).).).YIELD UNIT IS KG/HA

- 4. LIVESTOCK
- (1) CATTLE 1811
- (2) GOATS & SHEEP 2031
- (3) DONKEY 245
- (4) LIVESTOCK UNITS (LSU) * 1478
- (5) LSU PER KM2 (LSU) 17.2
- (6) GRAZING AREA PER LSU (HA) 2.3
- *).).).CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	5	1420.
(2) WELL	9	789.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3) 4)	POOR	2.0
(2) LIVESTOCK	1) 2) 4)	POOR	2.0

*).).).RIVERS, 2).).BOREHOLES, 3).).WELLS, 4).).OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PFNS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY YES
- 5. POST NIL
- 6. TELEPHONE 8

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 1. MASTER FARMERS 240
- 3. MASTER FARMERS' CLUB 15
- 4. WOMEN'S GROUP 4
- 5. YOUTH GROUP NIL

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 7.2
- 2. GRAZING AREA (HA) 4.8
- 3. CROPPING AREA OF MAIZE (HA) 2.9
- 4. CROPPING AREA OF SORGHUM (HA) 0.4
- 5. NO.OF FAMILY MEMBERS 9.9
- 6. NO.OF CATTLE 2.5
- 7. LIVESTOCK UNITS (LSU) 2.1
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA 8400 HA (100.%)
 2. ARABLE AREA 4260 HA (51.%)
 3. GRAZING AREA 4140 HA (49.%)

II. SOCIAL ASPECT

1. POPULATION 6300
 2. POPULATION DENSITY 75.0 /KM2
 3. NO.OF HOUSEHOLDS 950 (100.%)
 4. NO.OF PLOT HOLDERS 950 (100.%)
 5. NO.OF LIVESTOCK OWNERS 610 (64.%)
 6. NO.OF PRIMARY SCHOOLS (P.S) 3
 7. POPULATION PER P.S 2100.
 8. NO.OF SECONDARY SCHOOLS 1
 9. NO.OF BUSINESS CENTRES 3
 10. NO.OF CLINICS NIL
 11. NEAREST TOWN/D.S./C/G.P/R.S.C N/A
 12. DISTANCE TO ABOVE CENTRE 45 KM
 13. LITERACY RATE N.A %

III. AGRICULTURE

1. NATURAL REGION

2. SOIL IV
 (1) SOIL TEXTURE SANDY LOAM SANDY CLAY LOAM
 (2) SOIL DEPTH 0.5-1.0M 0.5M >
 (3) SOIL PH 5.5-6.5 4.5-5.5
 (4) LAND SLOPE UNDULATE
 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1491	12	0.35
(2) RAPOCO	852	8	0.20
(3) MHUNGA	426	6	0.10
(4) GROUNDNUTS **	848	15	0.20
(5) SORGHUM	213	7	0.05
(6) COTTON ***	NIL	-	-
(7) SUNFLOWER	430	8	0.10

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE 2477
 (2) GOATS & SHEEP 2260
 (3) DONKEY 463
 (4) LIVESTOCK UNITS (LSU) * 2021
 (5) LSUS PER KM2 (LSU) 24.1
 (6) GRAZING AREA PER LSU (HA) 2.0
 *)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

(1) CROPS YES
 (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	2	0.02	3150.
(2) WELL	12	0.14	525.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3) 4)	POOR	3.0
(2) LIVESTOCK	1) 2) 4)	POOR	2.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 3
 2. CATTLE SALE PENS NIL
 3. COOPERATIVE MARKETING OUTLETS NIL
 4. ELECTRICITY NO
 5. POST NIL
 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY NIL
 2. MASTER FARMERS 170
 3. MASTER FARMERS CLUB 9
 4. WOMEN'S GROUP 16
 5. YOUTH GROUP NIL

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 4.5
 2. GRAZING AREA (HA) 4.4
 3. CROPPING AREA OF MAIZE (HA) 1.6
 4. CROPPING AREA OF SORGHUM (HA) 0.2
 5. NO.OF FAMILY MEMBERS 6.6
 6. NO.OF CATTLE 2.6
 7. LIVESTOCK UNITS (LSU) 2.1
 8. INCOME PER ANNUM ZS 200-400
 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : ZAKA

C.L : NDANGA

WARD : TSURO

CONCERNED DAM : VII-1-1

I. LAND USE

- 1. TOTAL AREA 5625 HA (100.%)
- 2. ARABLE AREA 994 HA (18.%)
- 3. GRAZING AREA 4631 HA (82.%)

- 5. DROUGHT DAMEGF (1) CROPS YES
- (2) LIVESTOCK NO

II. SOCIAL ASPECT

- 1. POPULATION 7860
- 2. POPULATION DENSITY 139.7 /KM2
- 3. NO.OF HOUSEHOLDS 786 (100.%)
- 4. NO.OF PLOT HOLDERS 769 (98.%)
- 5. NO.OF LIVESTOCK OWNERS 269 (34.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 7860.
- 8. NO.OF SECONDARY SCHOOLS NIL
- 9. NO.OF BUSINESS CENTRES 2
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C JERERA 25 KM
- 12. DISTANCE TO ABOVE CENTRE N.A %
- 13. LITERACY RATE

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	5	1572.
(2) WELL	NIL	

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3) 4)	FAIR	2.0
(2) LIVESTOCK	1) 4)	FAIR	3.0

*).RIVERS, 2).BOREHOLES, 3).WELLS, 4).OTHERS

III. AGRICULTURE

1. NATURAL REGION III

- 2. SOIL
- (1) SOIL TEXTURE SANDY CLAY LOAM
- (2) SOIL DEPTH 1.0M <
- (3) SOIL PH 5.5-6.5
- (4) LAND SLOPE UNDULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	494	10	0.50
(2) RAPOCO	153	4	0.16
(3) MHUNGA	9	2	0.01
(4) GROUNDNUTS **)	224	6	0.23
(5) SORGHUM	17	4	0.02
(6) COTTON ***)	1	400	0.00
(7) SUNFLOWER	NIL	-	-

*).1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**).UNSHIELLED

***).YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2058
 - (2) GOATS & SHEEP 282
 - (3) DONKEY 38
 - (4) LIVESTOCK UNITS (LSU) *) 1381
 - (5) LSU PER KM2 24.6
 - (6) GRAZING AREA PER LSU (HA) 3.4
- *).CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 1
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 12
- 2. MASTER FARMERS 17
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 1.3
- 2. GRAZING AREA (HA) 5.9
- 3. CROPPING AREA OF MAIZE (HA) 0.6
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO.OF FAMILY MEMBERS 10.0
- 6. NO.OF CATTLE 2.6
- 7. LIVESTOCK UNITS (LSU) 1.8
- 8. INCOME PER ANNUM < 25 100 CROPS
- 9. MAIN INCOME SOURCE

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	12188 HA (100.%)
2. ARABLE AREA	2716 HA (22.%)
3. GRAZING AREA	9472 HA (78.%)

II. SOCIAL ASPECT

1. POPULATION DENSITY	7820
2. POPULATION DENSITY	64.2 /KM2
3. NO. OF HOUSEHOLDERS	782 (100.%)
4. NO. OF PLOT HOLDERS	740 (95.%)
5. NO. OF LIVESTOCK OWNERS	873 (112.%)
6. NO. OF PRIMARY SCHOOLS (P.S)	3
7. POPULATION PER P.S	2607.
8. NO. OF SECONDARY SCHOOLS	1
9. NO. OF BUSINESS CENTRES	2
10. NO. OF CLINICS	1
11. NEAREST TOWN/D.S./C/G.P/R.S.C	JERWRA
12. DISTANCE TO ABOVE CENTRE	29 KM
13. LITERACY RATE	N.A %

III. AGRICULTURE

1. NATURAL REGION IIII

2. SOIL
 (1) SOIL TEXTURE SANDY CLAY LOAM
 (2) SOIL DEPTH 1.0M <
 (3) SOIL PH 5.5-6.5
 (4) LAND SLOPE UNDUULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	1496	8	0.55
(2) RAPOCO	502	4	0.18
(3) MHUNGA	11	2	0.00
(4) GROUNDNUTS **)	630	6	0.23
(5) SORGRUM	10	3	0.00
(6) COTTON ***)	32	600	0.01
(7) SUNFLOWER	4	3	0.00

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	3653
(2) GOATS & SHEEP	742
(3) DONKEY	105
(4) LIVESTOCK UNITS (LSU) *)	2491
(5) LSUS PER KM2 (LSU)	20.4
(6) GRAZING AREA PER LSU (HA)	3.8

*)...CATTLE=0.62LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMEGE

(1) CROPS	YES
(2) LIVESTOCK	NO

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLEF	6	1303.
(2) WELL	1	7820.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3) 4)	FAIR	2.0
(2) LIVESTOCK	1) 4)	FAIR	3.0

*)...1).RIVERS, 2).BOREHOLES, 3).WELLS, 4).OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 2
 2. CATTLE SALE PENS NIL
 3. COOPERATIVE MARKETING OUTLETS 1
 4. ELECTRICITY YES
 5. POST N.A
 6. TELEPHONE 5

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY 10
 1. MASTER FARMERS 42
 3. MASTER FARMERS' CLUB 6
 4. WOMEN'S GROUP 6
 5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 3.5
 2. GRAZING AREA (HA) 12.1
 3. CROPPING AREA OF MAIZE (HA) 1.9
 4. CROPPING AREA OF SORGRUM (HA) 0.0
 5. NO. OF FAMILY MEMBERS 10.0
 6. NO. OF CATTLE 4.7
 7. LIVESTOCK UNITS (LSU) 3.2
 8. INCOME PER ANNUM < 25 100 CROPS
 9. MAIN INCOME SOURCE

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA	N.A.	(- %)
2. ARABLE AREA	N.A.	(- %)
3. GRAZING AREA	N.A.	(- %)

II. SOCIAL ASPECT

1. POPULATION DENSITY	3600	/KM2
2. NO. OF HOUSEHOLDS	600	(100.0%)
3. NO. OF PLOT HOLDERS	600	(100.0%)
4. NO. OF LIVESTOCK OWNERS	407	(68.0%)
5. NO. OF PRIMARY SCHOOLS (P.S.)	3	
6. POPULATION PER P.S.	1200.	
7. NO. OF SECONDARY SCHOOLS	NIL	
8. NO. OF BUSINESS CENTRES	1	
9. NO. OF CLINICS	1	
10. NEAREST TOWN/D.S./C/G.P/R.S./C	JERERA	24 KM
11. DISTANCE TO ABOVE CENTRE	N.A. %	
12. LITERACY RATE		

III. AGRICULTURE

1. NATURAL REGION IV

- SOIL
- SOIL TEXTURE SANDY LOAM
- SOIL DEPTH 0.5-1.0M
- SOIL PH 5.5-6.5
- LAND SLOPE UNDULATE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A.	10	-
(2) RAPOCO	N.A.	3	-
(3) MHUNGA	N.A.	2	-
(4) GROUNDNUTS (**)	N.A.	6	-
(5) SORGHUM	N.A.	2	-
(6) COTTON (***)	N.A.	600	-
(7) SUNFLOWER	N.A.	10	-

*)...IRAGS*91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHIELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	3589
(2) GOATS & SHEEP	900
(3) DONKEY	140
(4) LIVESTOCK UNITS (LSU) *	2479
(5) LSUS PER KM2 (LSU)	N.A.
(6) GRAZING AREA PER LSU (HA)	N.A.

*)...CATTLE*0.65LSU, GOATS&SHEEP*0.1LSU, DONKEY*0.4LSU

5. DROUGHT DAMAGE

(1) CROPS	YES
(2) LIVESTOCK	YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	N.A.	900.
(2) WELL	5	N.A.	720.

2. WATER SUPPLY SITUATION

UTILIZATION	SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	N.A.	1.0
(2) LIVESTOCK	1)	N.A.	1.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- DIP-TANKS 2
- CATTLE SALE PENS NIL
- COOPERATIVE MARKETING OUTLETS NIL
- ELECTRICITY N.A.
- POST NIL
- TELEPHONE NIL

VI. LOCAL ORGANIZATION

- PRIMARY CO-OPERATIVE SOCIETY 1
- MASTER FARMERS 46
- MASTER FARMERS' CLUB 4
- WOMEN'S GROUP 1
- YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- ARABLE AREA (HA) N.A.
- GRAZING AREA (HA) N.A.
- CROPPING AREA OF MAIZE (HA) N.A.
- CROPPING AREA OF SORGHUM (HA) N.A.
- NO. OF FAMILY MEMBERS 6.0
- NO. OF CATTLE 6.0
- LIVESTOCK UNITS (LSU) 4.1
- INCOME PER ANNUM ZS 200-400
- MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : ZAKA

C.L : NDANGA

WARD : MUREMBWA

CONCERNED DAM : VII-1-4

I. LAND USE

- 1. TOTAL AREA 5125 HA (100.%)
- 2. ARABLE AREA 2565 HA (50.%)
- 3. GRAZING AREA 1538 HA (30.%)

II. SOCIAL ASPECT

- 1. POPULATION 3002
- 2. POPULATION DENSITY 58.6 /KM2
- 3. NO.OF HOUSEHOLDS 503 (100.%)
- 4. NO.OF PLOT HOLDERS 503 (100.%)
- 5. NO.OF LIVESTOCK OWNERS 300 (60.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 1
- 7. POPULATION PER P.S 3002.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 1
- 10. NO.OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G.P/R.S.C JERERA 34 KM
- 12. DISTANCE TO ABOVE CENTRE N.A %
- 13. LITERACY RATE

III. AGRICULTURE

IV

- 1. NATURAL REGION
- 2. SOIL
 - (1) SOIL TEXTURE SANDY LOAM
 - (2) SOIL DEPTH 0.5-1.0M
 - (3) SOIL PH 5.5-6.5
 - (4) LAND SLOPE UNDULATE
- 3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	8	-
(2) RAPOCO	N.A	4	-
(3) MHUNGA	N.A	2	-
(4) GROUNDNUTS **	N.A	6	-
(5) SORGHUM	N.A	3	-
(6) COTTON ***	N.A	600	-
(7) SUNFLOWER	N.A	10	-

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 3000
 - (2) GOATS & SHEEP 2005
 - (3) DONKEY 50
 - (4) LIVESTOCK UNITS (LSU) * 2170
 - (5) LSU PER KM2 (LSU) 42.3
 - (6) GRAZING AREA PER LSU (HA) 0.7
- *)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

- 5. DROUGHT DAMEGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

I. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	0.08	751.
(2) WELL	6	0.12	500.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	N.A	2.0
(2) LIVESTOCK	1)	N.A	3.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY N.A
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY NIL
- 2. MASTER FARMERS 21
- 3. MASTER FARMERS' CLUB 2
- 4. WOMEN'S GROUP 5
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 5.1
- 2. GRAZING AREA (HA) 3.1
- 3. CROPPING AREA OF MAIZE (HA) N.A
- 4. CROPPING AREA OF SORGHUM (HA) N.A
- 5. NO.OF FAMILY MEMBERS 6.0
- 6. NO.OF CATTLE 6.0
- 7. LIVESTOCK UNITS (LSU) 4.3
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : ZAKA

C.L : NDANGA

WARD : NEMAUKU

CONCERNED DAM : VII-1-5

3. LAND USE

- 1. TOTAL AREA 4813 HA (100.%)
- 2. ARABLE AREA 813 HA (17.%)
- 3. GRAZING AREA 4000 HA (83.%)

5. DROUGHT DAMAGE

- (1) CROPS YES
- (2) LIVESTOCK NO

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6200
- 2. POPULATION DENSITY 128.8 /KM2
- 3. NO.OF HOUSEHOLDS 620 (100.%)
- 4. NO.OF PLOT HOLDERS 601 (97.%)
- 5. NO.OF LIVESTOCK OWNERS 621 (100.%)
- 6. NO.OF PRIMARY SCHOOLS (P.S) 2
- 7. POPULATION PER P.S 3100.
- 8. NO.OF SECONDARY SCHOOLS 1
- 9. NO.OF BUSINESS CENTRES 2
- 10. NO.OF CLINICS NIL
- 11. NEAREST TOWN/D.S./C/G./P/R.S.C JERERA
- 12. DISTANCE TO ABOVE CENTRE 16 KM
- 13. LITERACY RATE N.A %

III. AGRICULTURE

IV

- 1. NATURAL REGION
 - 2. SOIL SANDY CLAY LOAM
 - (1) SOIL TEXTURE 1.0M <
 - (2) SOIL DEPTH 5.5-6.5
 - (3) SOIL PH UNDUULATE
 - (4) LAND SLOPE
 - 3.CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | CROPPING AREA TO ARABLE AREA | RATE OF |
|--------------------|-------------|-----------------|------------------------------|---------|
| (1) MAIZE | 283 | 10 | 0.35 | |
| (2) RAPOCO | 118 | 4 | 0.15 | |
| (3) MHUNGA | 14 | 3 | 0.02 | |
| (4) GROUNDNUTS **) | 84 | 7 | 0.10 | |
| (5) SORGHUM | 12 | 5 | 0.01 | |
| (6) COTTON ***) | 4 | 450 | 0.00 | |
| (7) SUNFLOWER | 3 | 3 | 0.00 | |

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 53KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK
 - (1) CATTLE 2072
 - (2) GOATS & SHEEP 345
 - (3) DONKEY 100
 - (4) LIVESTOCK UNITS (LSU) *) 1421
 - (5) LSUS PER KM2 (LSU) 29.5
 - (6) GRAZING AREA PER LSU (HA) 2.8
- *)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	8	0.17	775.
(2) WELL	3	0.06	2067.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3) 4)	FAIR	2.0
(2) LIVESTOCK	1) 4)	FAIR	3.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS 1
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE 1

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 11
- 1. MASTER FARMERS 19
- 3. MASTER FARMERS' CLUB 6
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 1.3
- 2. GRAZING AREA (HA) 6.5
- 3. CROPPING AREA OF MAIZE (HA) 0.5
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO.OF FAMILY MEMBERS 10.0
- 6. NO.OF CATTLE 3.3
- 7. LIVESTOCK UNITS (LSU) 2.3
- 8. INCOME PER ANNUM < 25 100 CROPS
- 9. MAIN INCOME SOURCE

SOURCE : AGRITEX, 1986

I. LAND USE

1. TOTAL AREA 6638 HA (100.%))
2. ARABLE AREA 1043 HA (16.%))
3. GRAZING AREA 5595 HA (84.%))

II. SOCIAL ASPECT

1. POPULATION 7650
2. POPULATION DENSITY 115.2 /KM2
3. NO. OF HOUSEHOLDS 765 (100.%)
4. NO. OF PLOT HOLDERS 740 (97.%)
5. NO. OF LIVESTOCK OWNERS 993 (130.%)
6. NO. OF PRIMARY SCHOOLS (P.S) 2
7. POPULATION PER P.S 3825.
8. NO. OF SECONDARY SCHOOLS 1
9. NO. OF BUSINESS CENTRES 1
10. NO. OF CLINICS 1
11. NEAREST TOWN/D.S./C/V.G./P/R.S./C JERERA 9 KM
12. DISTANCE TO ABOVE CENTRE N.A %
13. LITERACY RATE

III. AGRICULTURE

IV

1. NATURAL REGION

2. SOIL (1) SOIL TEXTURE SANDY CLAY LOAM
- (2) SOIL DEPTH 1.0M C
- (3) SOIL PH 5.5-6.5
- (4) LAND SLOPE UNDUULATE

3. CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	CROPPING AREA TO ARABLE AREA	RATE OF
(1) MAIZE	500	11	0.48	
(2) RAPOCO	200	5	0.19	
(3) MHUNGA	95	3	0.09	
(4) GROUNDNUTS **	220	6	0.21	
(5) SORGHUM	21	6	0.02	
(6) COTTON ***	12	500	0.01	
(7) SUNFLOWER	20	4	0.02	

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 1003
- (2) GOATS & SHEEP 305
- (3) DONKEY 95
- (4) LIVESTOCK UNITS (LSU) ** 720
- (5) LSU PER KM2 (LSU) 10.8
- (6) GRAZING AREA PER LSU (HA) 7.8

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

- | (1) CROPS | YES | NO |
|---------------|-----|----|
| (2) LIVESTOCK | | |

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	4	1913.
(2) WELL	4	1913.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3) 4)	FAIR	2.0
(2) LIVESTOCK	1) 4)	FAIR	3.0

*)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 1
2. CATTLE SALE PENS NIL
3. COOPERATIVE MARKETING OUTLETS NIL
4. ELECTRICITY YES
5. POST NIL
6. TELEPHONE 16

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY 26
1. MASTER FARMERS 25
3. MASTER FARMERS' CLUB 6
4. WOMEN'S GROUP 6
5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 1.4
2. GRAZING AREA (HA) 7.3
3. CROPPING AREA OF MAIZE (HA) 0.7
4. CROPPING AREA OF SORGHUM (HA) 0.0
5. NO. OF FAMILY MEMBERS 10.0
6. NO. OF CATTLE 1.3
7. LIVESTOCK UNITS (LSU) 0.9
8. INCOME PER ANNUM < 25 100
9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

D.C : ZAKA

C.L : NDANGA

WARD : SOTA NORTH

CONCERNED DAM : VII-1-7

I. LAND USE

- 1. TOTAL AREA 8875 HA (100.%)
- 2. ARABLE AREA 5593 HA (63.%)
- 3. GRAZING AREA 3282 HA (37.%)

- 5. DROUGHT DAMAGE YES
- (1) CROPS YES
- (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY

II. SOCIAL ASPECT

- 1. POPULATION 6000
- 2. POPULATION DENSITY 67.6 /KM2
- 3. NO. OF HOUSEHOLDS 600 (100.%)
- 4. NO. OF PLOT HOLDERS 465 (77.%)
- 5. NO. OF LIVESTOCK OWNERS 3000 (500.%)
- 6. NO. OF PRIMARY SCHOOLS (P.S) 3
- 7. POPULATION PER P.S 2000.
- 8. NO. OF SECONDARY SCHOOLS 1
- 9. NO. OF BUSINESS CENTRES 3
- 10. NO. OF CLINICS NIL
- 11. NEAREST TOWN/D.S.C/G.P/R.S.C N.A
- 12. DISTANCE TO ABOVE CENTRE N.A
- 13. LITERACY RATE N.A %

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	8	0.09	750.
(2) WELL	15	0.17	400.

2. WATER SUPPLY SITUATION MAIN *

UTILIZATION	SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	2)	FAIR	2.0
(2) LIVESTOCK	1)	POOR	2.0

*).1).RIVERS, 2).BOREHOLES, 3).WELLS, 4).OTHERS

III. AGRICULTURE

1. NATURAL REGION IV

- 2. SOIL SANDY CLAY LOAM
 - (1) SOIL TEXTURE SANDY LOAM
 - (2) SOIL DEPTH 1.0M <
 - (3) SOIL PH 5.5-6.5
 - (4) LAND SLOPE UNDULATE
 - 3. CROPS
- | CROPS | AREA (HA) | YIELD (BAGS/HA) | RATE OF CROPPING AREA TO ARABLE AREA |
|--------------------|-------------|-----------------|--------------------------------------|
| (1) MAIZE | 1004 | 10 | 0.18 |
| (2) RAPOCO | 894 | 5 | 0.16 |
| (3) MHUNGA | 117 | 3 | 0.02 |
| (4) GROUNDNUTS **) | 347 | N.A | 0.06 |
| (5) SORGHUM ***) | 21 | 5 | 0.00 |
| (6) COTTON | 8 | 800 | 0.00 |
| (7) SUNFLOWER | NIL | - | - |

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

- 4. LIVESTOCK 3000
- (1) CATTLE 1150
- (2) GOATS & SHEEP 38
- (3) DONKEY (LSU) *) 2080
- (4) LIVESTOCK UNITS (LSU) 23.4
- (5) LSUS PER KM2 (LSU) 1.6
- (6) GRAZING AREA PER LSU (HA) 1.6

*)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 1
- 1. MASTER FARMERS 26
- 3. MASTER FARMERS' CLUB 1
- 4. WOMEN'S GROUP 3
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 9.3
- 2. GRAZING AREA (HA) 5.5
- 3. CROPPING AREA OF MAIZE (HA) 1.7
- 4. CROPPING AREA OF SORGHUM (HA) 0.0
- 5. NO. OF FAMILY MEMBERS 10.0
- 6. NO. OF CATTLE 5.0
- 7. LIVESTOCK UNITS (LSU) 3.5
- 8. INCOME PER ANNUM < 25 100
- 9. MAIN INCOME SOURCE N.A

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS 1
- 4. ELECTRICITY NO
- 5. POST NIL
- 6. TELEPHONE NIL

I. LAND USE

- 1. TOTAL AREA 6503 HA (100.%)
- 2. ARABLE AREA 3403 HA (52.%)
- 3. GRAZING AREA 3100 HA (48.%)

- 5. DROUGHT DAMAGE YES
- (1) CROPS. YES
- (2) LIVESTOCK YES

II. SOCIAL ASPECT

- 1. POPULATION DENSITY 6000
- 2. NO. OF HOUSEHOLDS 92.3 /KM2
- 3. NO. OF PLOTHOLDERS 600 (100.%)
- 4. NO. OF LIVESTOCK OWNERS 600 (100.%)
- 5. NO. OF PRIMARY SCHOOLS (P.S) 544 (91.%)
- 6. NO. OF PRIMARY SCHOOLS (P.S) 2
- 7. POPULATION PER P.S 3000.
- 8. NO. OF SECONDARY SCHOOLS 1
- 9. NO. OF BUSINESS CENTRES 2
- 10. NO. OF CLINICS 1
- 11. NEAREST TOWN/D.S./C/G.P/R.S./C JERERA
- 12. DISTANCE TO ABOVE CENTRE 40 KM
- 13. LITERACY RATE N.A %

III. AGRICULTURE

IV

1. NATURAL REGION

- 2. SOIL SANDY LOAM
- (1) SOIL TEXTURE 0.5-1.0M
- (2) SOIL DEPTH 3.5-6.5
- (3) SOIL PH UNDUULATE
- (4) LAND SLOPE

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	8	-
(2) RAPOCO	N.A	3	-
(3) MHUNGA	N.A	2	-
(4) GROUNDNUTS **)	N.A	8	-
(5) SORGHUM	N.A	4	-
(6) COTTON ***)	N.A	600	-
(7) SUNFLOWER	N.A	10	-

*)...IRAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHIELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

- (1) CATTLE 2887
- (2) GOATS & SHEEP 3000
- (3) DONKEY 492
- (4) LIVESTOCK UNITS (LSU) *) 2373
- (5) LSU PER KM2 (LSU) 36.5
- (6) GRAZING AREA PER LSU (HA) 1.3

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO. OF PWS	NO. OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	7	0.11	857.
(2) WELL	7	0.11	857.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2) 3)	N.A	3.0
(2) LIVESTOCK	1)	N.A	2.0

*)...1)..RIVERS, 2)..BORFHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

- 1. DIP-TANKS 2
- 2. CATTLE SALE PENS NIL
- 3. COOPERATIVE MARKETING OUTLETS NIL
- 4. FLETCRICITY N.A
- 5. POST NIL
- 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION

- 1. PRIMARY CO-OPERATIVE SOCIETY 2
- 2. MASTER FARMERS 50
- 3. MASTER FARMERS' CLUB 2
- 4. WOMEN'S GROUP 6
- 5. YOUTH GROUP 1

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

- 1. ARABLE AREA (HA) 5.7
- 2. GRAZING AREA (HA) 3.2
- 3. CROPPING AREA OF MAIZE (HA) N.A
- 4. CROPPING AREA OF SORGHUM (HA) N.A
- 5. NO. OF FAMILY MEMBERS 10.0
- 6. NO. OF CATTLE 4.8
- 7. LIVESTOCK UNITS (LSU) 4.0
- 8. INCOME PER ANNUM ZS 200-400
- 9. MAIN INCOME SOURCE CROPS

SOURCE : AGRITEX, 1986

I. LAND USE
 1. TOTAL AREA 6563 HA (100.%)
 2. ARABLE AREA 3565 HA (54.%)
 3. GRAZING AREA 2998 HA (46.%)

5. DROUGHT DAMAGE
 (1) CROPS YES
 (2) LIVESTOCK YES

IV. RURAL WATER SUPPLY
 1. PRIMARY WATER SUPPLY SOURCE (PWS)
 SOURCE NO.OF PWS NO.OF PWS PER KM2 POPULATION PER PWS
 (1) BOREHOLE 5 0.08 840.
 (2) WELL 3 0.05 1400.

2. WATER SUPPLY SITUATION
 UTILIZATION SOURCE WATER SECURITY DISTANCE TO SOURCE (KM)
 (1) DOMESTIC 1) 2) 3) 4) FAIR 3.0
 (2) LIVESTOCK 1) 4) FAIR 7.0
 *)...1)..RIVERS, 2)..BORFHOLES, 3)..WELLS, 4)..OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE
 1. DIP-TANKS 3
 2. CATTLE SALE PENS 1
 3. COOPERATIVE MARKETING OUTLETS 1
 4. ELECTRICITY NO
 5. POST NIL
 6. TELEPHONE NIL

VI. LOCAL ORGANIZATION
 1. PRIMARY CO-OPERATIVE SOCIETY 2
 1. MASTER FARMERS 16
 3. MASTER FARMERS' CLUB 6
 4. WOMEN'S GROUP 3
 5. YOUTH GROUP 6

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)
 1. ARABLE AREA (HA) 5.1
 2. GRAZING AREA (HA) 4.3
 3. CROPPING AREA OF MAIZE (HA) N.A
 4. CROPPING AREA OF SORGHUM (HA) N.A
 5. NO.OF FAMILY MEMBERS 6.0
 6. NO.OF CATTLE 5.3
 7. LIVESTOCK UNITS (LSU) 4.1
 8. INCOME PER ANNUM 25 100-200
 9. MAIN INCOME SOURCE CROPS, LIVESTOCK, OFF-FARM

SOURCE : AGRITEX, 1986

II. SOCIAL ASPECT
 1. POPULATION DENSITY 4200
 2. POPULATION DENSITY 64.0 /KM2
 3. NO.OF HOUSEHOLDERS 700 (100.%)
 4. NO.OF PLOTHOLDERS 700 (100.%)
 5. NO.OF LIVESTOCK OWNERS 655 (94.%)
 6. NO.OF PRIMARY SCHOOLS (P.S) 3
 7. POPULATION PER P.S 1400.
 8. NO.OF SECONDARY SCHOOLS 2
 9. NO.OF BUSINESS CENTRES 2
 10. NO.OF CLINICS 2
 11. NEAREST TOWN/D.S./C/G.P/R.S.C JERERA 20 KM
 12. DISTANCE TO ABOVE CENTRE 55 %
 13. LITERACY RATE

III. AGRICULTURE
 1. NATURAL REGION IV
 2. SOIL SAND-LOAMY SAND SANDY LOAM
 (1) SOIL TEXTURE 0.5-1.0M
 (2) SOIL DEPTH 5.5-6.5
 (3) SOIL PH UNDUULATE
 (4) LAND SLOPE
 3.CROPS

CROPS	AREA (HA)	YIELD (BAGS/HA)	RATE OF CROPPING AREA TO ARABLE AREA
(1) MAIZE	N.A	7	-
(2) RAPOCO	N.A	4	-
(3) MHUNGA	N.A	4	-
(4) GROUNDNUTS **)	N.A	16	-
(5) SORGHUM	N.A	4	-
(6) COTTON ***)	N.A	700	-
(7) SUNFLOWER	N.A	4	-

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK
 (1) CATTLE 3700
 (2) GOATS & SHEEP 4500
 (3) DONKEY 65
 (4) LIVESTOCK UNITS (LSU) *) 2881
 (5) LSU PER KM2 (LSU) 43.9
 (6) GRAZING AREA PER LSU (HA) 1.0
 *)...CATTLE=0.6>LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

I. LAND USE

1. TOTAL AREA	2990 HA (100.%)
2. ARABLE AREA	1972 HA (66.%)
3. GRAZING AREA	1018 HA (34.%)

II. SOCIAL ASPECT

1. POPULATION	6000
2. POPULATION DENSITY	200.7 /KM2
3. NO.OF HOUSEHOLDS	600 (100.%)
4. NO.OF PLOTHOLDERS	790 (132.%)
5. NO.OF LIVESTOCK OWNERS	2795 (466.%)
6. NO.OF PRIMARY SCHOOLS (P.S)	2
7. POPULATION PER P.S	3000.
8. NO.OF SECONDARY SCHOOLS	1
9. NO.OF BUSINESS CENTRES	2
10. NO.OF CLINICS	NIL
11. NEAREST TOWN/D.S./C/G.P/R.S.C	N.A
12. DISTANCE TO ABOVE CENTRE	N.A
13. LITERACY RATE	N.A %

III. AGRICULTURE

1. NATURAL REGION IV

(1) SOIL TEXTURE	SANDY LOAM	SANDY CLAY LOAM
(2) SOIL DEPTH	1.0M <	
(3) SOIL PH	5.5-6.5	
(4) LAND SLOPE	UNDULATE	
3.CROPS		
	AREA (HA)	YIELD (BAGS/HA) TO ARABLE AREA
(1) MAIZE	1123	8
(2) RAPOCO	260	5
(3) NHUNGA	41	3
(4) GROUNDNUTS **)	398	N.A
(5) SORGHUM	84	4
(6) COTTON ***)	55	700
(7) SUNFLOWER	12	4

*)...1BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER

**)...UNSHELLED

***)...YIELD UNIT IS KG/HA

4. LIVESTOCK

(1) CATTLE	2970
(2) GOATS & SHEEP	2900
(3) DONKEY	43
(4) LIVESTOCK UNITS (LSU) *)	2238
(5) LSU PER KM2 (LSU)	74.8
(6) GRAZING AREA PER LSU (HA)	0.5

*)...CATTLE=0.65LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

5. DROUGHT DAMAGE

(1) CROPS	YES
(2) LIVESTOCK	YES

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)

SOURCE	NO.OF PWS PER KM2	POPULATION PER PWS
(1) BOREHOLE	6	1000.
(2) WELL	12	500.

2. WATER SUPPLY SITUATION

UTILIZATION	MAIN SOURCE	WATER SECURITY	DISTANCE TO SOURCE (KM)
(1) DOMESTIC	1) 2)	FAIR POOR	2.0
(2) LIVESTOCK	1) 2)	FAIR	2.0

*)...1)...RIVERS, 2)...BOREHOLES, 3)...WELLS, 4)...OTHERS

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS	2
2. CATTLE SALE PENS	NIL
3. COOPERATIVE MARKETING OUTLETS	NIL
4. ELECTRICITY	NO
5. POST	NIL
6. TELEPHONE	NIL

VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY	NIL
2. MASTER FARMERS	10
3. MASTER FARMERS' CLUB	2
4. WOMEN'S GROUP	3
5. YOUTH GROUP	2

VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA)	3.3
2. GRAZING AREA (HA)	1.7
3. CROPPING AREA OF MAIZE (HA)	1.9
4. CROPPING AREA OF SORGHUM (HA)	0.1
5. NO.OF FAMILY MEMBERS	10.0
6. NO.OF CATTLE	4.9
7. LIVESTOCK UNITS (LSU)	3.7
8. INCOME PER ANNUM	< 25 100
9. MAIN INCOME SOURCE	N.A

D.C : ZAKA

C.L : NDANGA

WARD : BOTA SOUTH

CONCERNED DAM : VII-1-13

1. LAND USE

6452 HA (100.%))
 4353 HA (67.%))
 2099 HA (33.%))

5. DROUGHT DAMAGE
 (1) CROPS YES
 (2) LIVESTOCK YES

II. SOCIAL ASPECT

1. POPULATION 6000
 2. POPULATION DENSITY 93.0 /KM2
 3. NO.OF HOUSEHOLDS 600 (100.%)
 4. NO.OF PLOT HOLDERS 1330 (222.%)
 5. NO.OF LIVESTOCK OWNERS 2650 (442.%)
 6. NO.OF PRIMARY SCHOOLS (P.S) 3
 7. POPULATION PER P.S 2000.
 8. NO.OF SECONDARY SCHOOLS 1
 9. NO.OF BUSINESS CENTRES 3
 10. NO.OF CLINICS NIL
 11. NEAREST TOWN/D.S.C/G.P/R.S.C N.A
 12. DISTANCE TO ABOVE CENTRE N.A
 13. LITERACY RATE N.A %

IV. RURAL WATER SUPPLY

1. PRIMARY WATER SUPPLY SOURCE (PWS)
 SOURCE NO.OF PWS NO.OF PWS PER KM2 POPULATION PER PWS
 (1) BOREHOLE 4 0.06 1500.
 (2) WELL 16 0.25 375.
 2. WATER SUPPLY SITUATION
 MAIN *)
 UTILIZATION SOURCE WATER SECURITY DISTANCE TO SOURCE (KM)
 (1) DOMESTIC 1) 2) 3) FAIR POOR 2.0
 (2) LIVESTOCK 1) 4) FAIR 2.0
 *)...1)..RIVERS, 2)..BOREHOLES, 3)..WELLS, 4)..OTHERS

III. AGRICULTURE

1. NATURAL REGION IV
 2. SOIL SANDY CLAY LOAM
 (1) SOIL TEXTURE SANDY LOAM
 (2) SOIL DEPTH 1.0M <
 (3) SOIL PH 5.5-6.5
 (4) LAND SLOPE UNDULATE
 3.CROPS *) RATE OF CROPPING AREA
 AREA YIELD (BAGS/HA) TO ARABLE AREA
 (1) MAIZE 1922 8 0.44
 (2) RAPOCO 790 6 0.18
 (3) MHUNGA 577 3 0.08
 (4) GROUNDNUTS **) N.A 0.23
 (5) SORGHUM 118 5 0.03
 (6) COTTON ***) 17 800 0.00
 (7) SUNFLOWER 9 4 0.00

*)...BAGS=91KG BUT 40KG FOR GROUNDNUTS, 55KG FOR SUNFLOWER
 **)...UNSHELLED
 ***)...YIELD UNIT IS KG/HA

4. LIVESTOCK
 (1) CATTLE 3050
 (2) GOATS & SHEEP 1060
 (3) DONKEY 58
 (4) LIVESTOCK UNITS (LSU) *) 2112
 (5) LSU PER KM2 (LSU) 32.7
 (6) GRAZING AREA PER LSU (HA) 1.0
 *)...CATTLE=0.6LSU, GOATS&SHEEP=0.1LSU, DONKEY=0.4LSU

V. AGRICULTURAL FACILITIES & SOCIAL INFRASTRUCTURE

1. DIP-TANKS 2
 2. CATTLE SALE PENS 1
 3. COOPERATIVE MARKETING OUTLETS NIL
 4. ELECTRICITY NO
 5. POST 1
 6. TELEPHONE 2

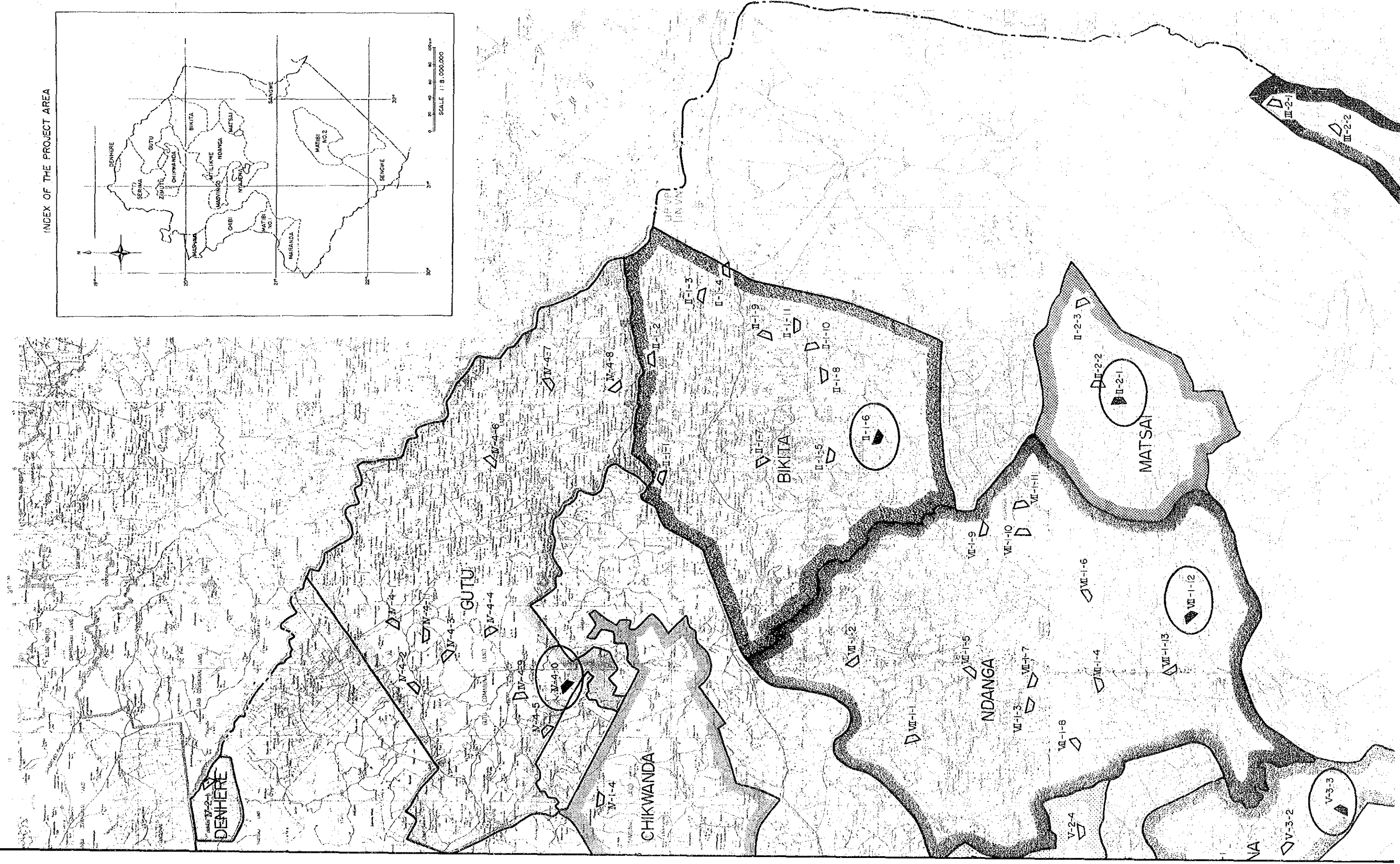
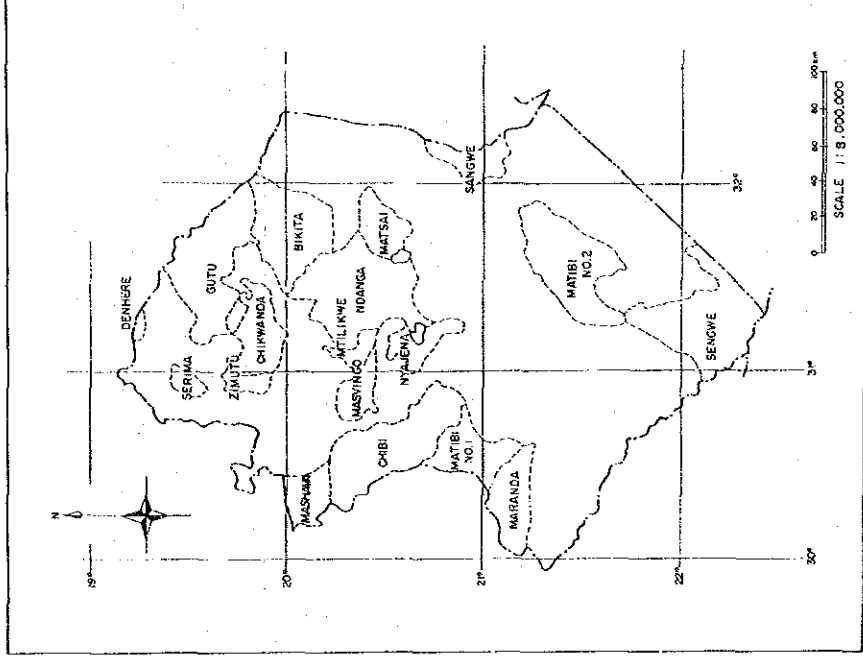
VI. LOCAL ORGANIZATION

1. PRIMARY CO-OPERATIVE SOCIETY NIL
 1. MASTER FARMERS 28
 3. MASTER FARMERS' CLUB 2
 4. WOMEN'S GROUP 3
 5. YOUTH GROUP 2

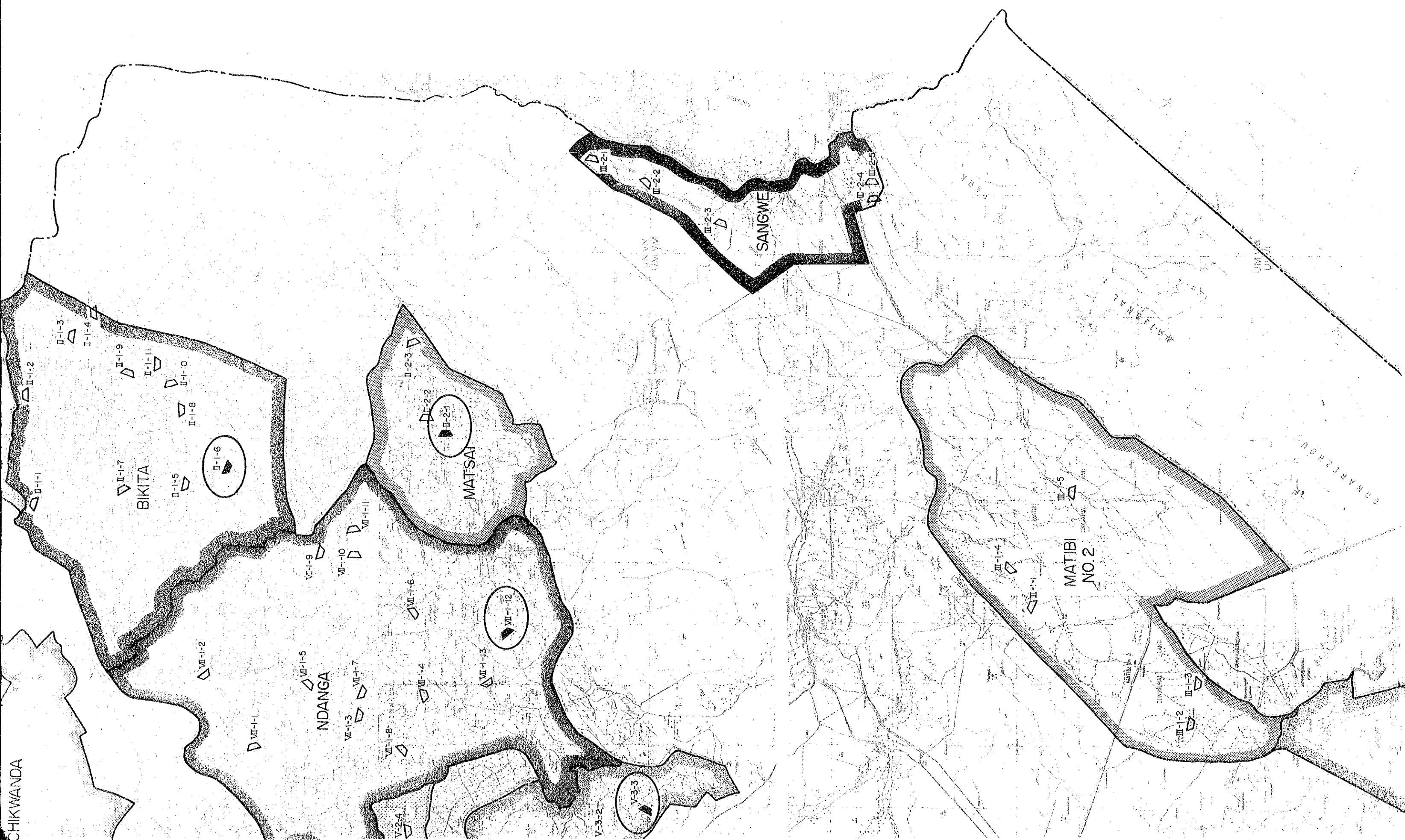
VII. FARM ECONOMY (PER HOUSEHOLD ON AN AVERAGE)

1. ARABLE AREA (HA) 7.3
 2. GRAZING AREA (HA) 3.5
 3. CROPPING AREA OF MAIZE (HA) 3.2
 4. CROPPING AREA OF SORGHUM (HA) 0.2
 5. NO.OF FAMILY MEMBERS 10.0
 6. NO.OF CATTLE 5.1
 7. LIVESTOCK UNITS (LSU) 3.5
 8. INCOME PER ANNUM < 25 100
 9. MAIN INCOME SOURCE N.A

INDEX OF THE PROJECT AREA



CHIKWANDA



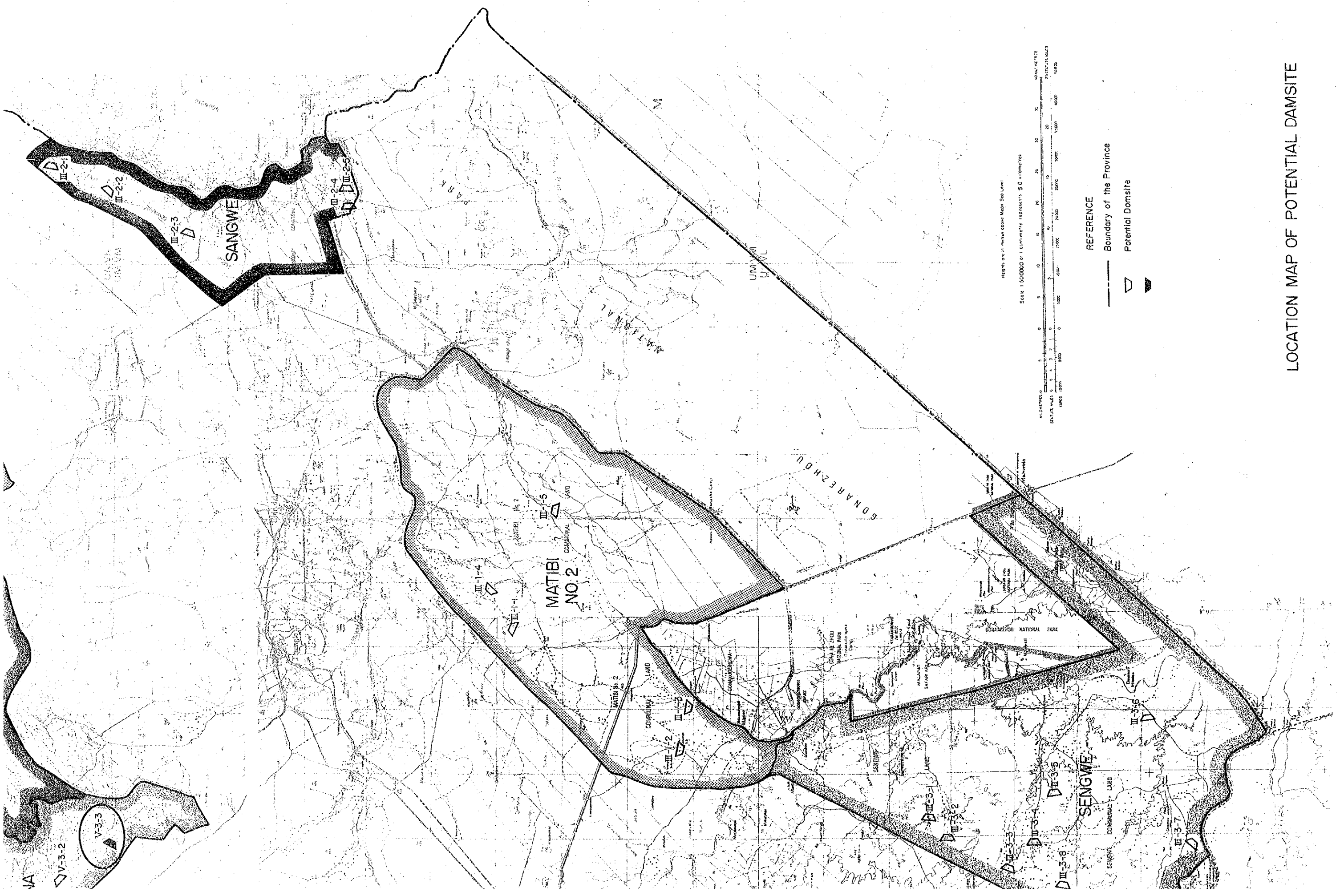
BIKITA

NDANGA

MATSAI

SANGWE

MATIBI
NO. 2



Height one in inches above Mean Sea Level
 Scale 1:500000 or 1 centimeter represents 50 kilometers



- REFERENCE
- Boundary of the Province
 - ▽ Potential Dam site

LOCATION MAP OF POTENTIAL DAMSITE

SCALE 1:500,000

