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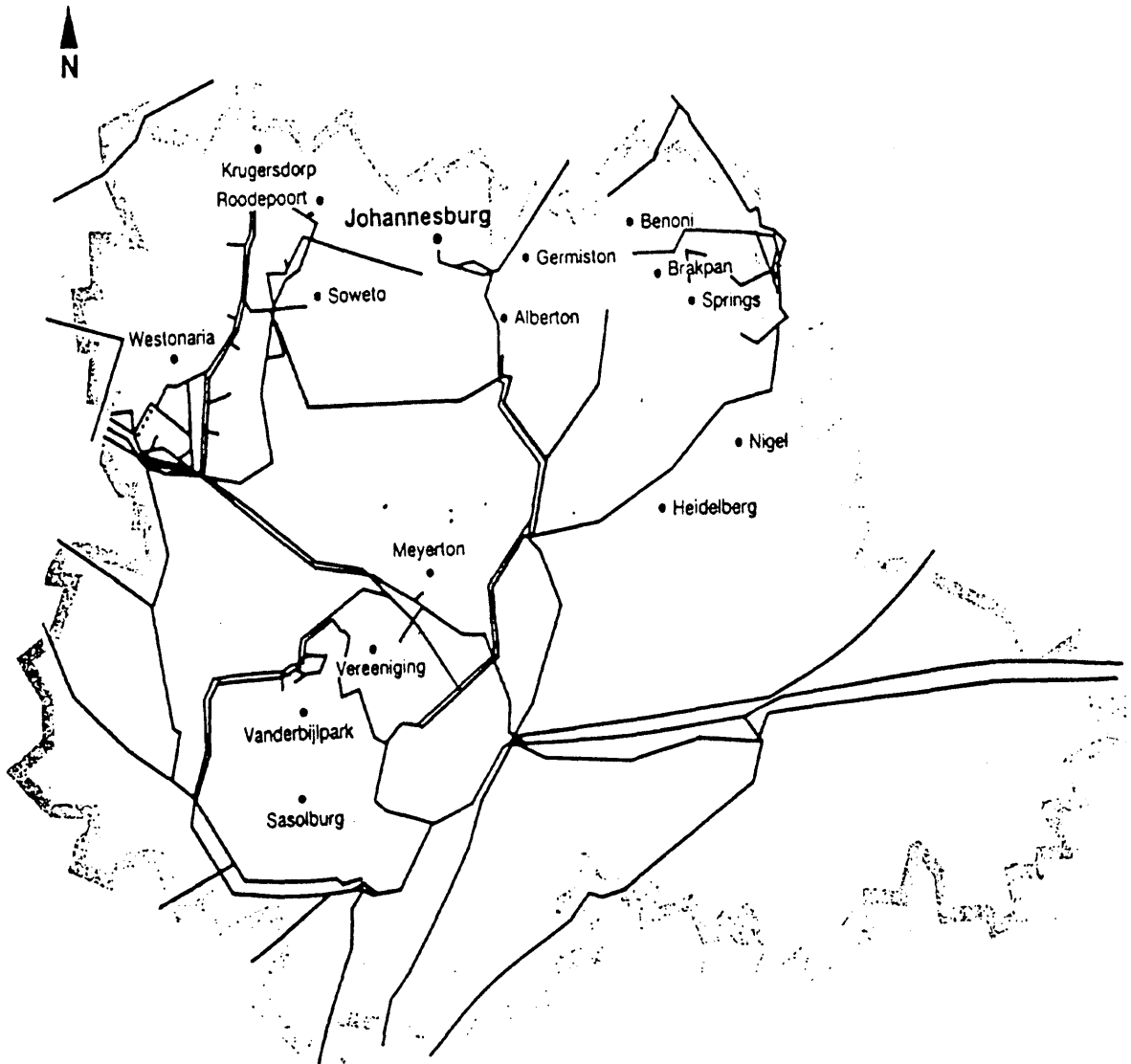
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APPENDIX A

ELECTRICITY SUPPLY IN SOUTH AFRICA: SOUTHERN TRANSVAAL DISTRIBUTION AREA



SOURCE: ESCOM 1991

APPENDIX B

QUESTIONNAIRE TO ESTABLISH RESIDENTS ATTITUDE TOWARDS ELECTRICITY

Instructions

1. Please answer all the questions in numerical sequence by circling the applicable number.
2. Whenever asked to elaborate or specify please be as specific as possible.
3. All information will be treated as strictly confidential as and will be only used for research purposes.

Enquiries:

M N Putuma
969-4930 (o/h)

SECTION A

PERSONAL DATA

1. Sex:

1	2
MALE	FEMALE

2. Age:

1	2	3	4
15-30	31-46	47-63	64+

3. Marital Status:

1	2	3	4
Married	Never Married	Divorced	Widowed

4. Education Qualifications:

1	2	3	4
Up to Std 6	Std 7 - Std 10	Diploma	Degree

5. How many members reside on the same premises as you:

1	2	3	4
0-2	3-5	6-9	10+

6. How many are employed:

1	2	3	4
0-2	3-5	6-9	10+

1. Which of the following energy sources would you prefer?
Please indicate three most important.
 1. Wood
 2. Paraffin
 3. Coal
 4. Gas
 5. Candles
 6. Electricity

2. Which of these energy sources provides better lighting?
 1. Wood
 2. Paraffin
 3. Coal
 4. Gas
 5. Candles
 6. Electricity

3. Which of these energy sources pose serious health hazards?
 1. Wood
 2. Paraffin
 3. Coal
 4. Gas
 5. Candles
 6. Electricity

4. As regards monetary costs, which of these is the most expensive?
 1. Wood
 2. Paraffin
 3. Coal
 4. Gas
 5. Candles
 6. Electricity

5. Which of these sources is very risky to have at home?
 1. Wood
 2. Paraffin
 3. Coal
 4. Gas
 5. Candles
 6. Electricity

6. Which of these energy sources, ease the way of studying?

1. Wood
2. Paraffin
3. Coal
4. Gas
5. Candles
6. Electricity

SECTION B

This page is only for respondents with electricity

1. How long have you been using electricity?
 1. Less than a year
 2. 1-5 years
 3. 5-10 years
 4. More than 10 years

2. How much do you pay per meter on electricity?
 1. 0-8
 2. 8-16
 3. 17-26
 4. 27 +

3. Is the administration doing an effective job as regard meter reading management?
 1. Sometimes
 2. Always
 3. Never
 4. Undecided

4. What effort is expended by the council to measure the cost effectiveness of electricity?
 1. Little effort
 2. No effort
 3. Some effort
 4. Substantial effort

5. How much do you spend on electricity per month?
 1. Less than R10
 2. R10-R25
 3. R26-R36
 4. R37 +

6. In total, how much have you spent on electrical appliances?
 1. Less than R50
 2. R50-R100
 3. R101-R150
 4. R150 +

7. Does the council work well as regard management of electricity in your area?
 1. No- there are complaints that Councils is unreasonable and the costs of electricity rises frequently.

2. Somewhat. The relations are amicable although residents are not satisfied all the time.
3. Yes. Complete cooperation and the council tries to resolve issues in the best interest of the community as a whole.

8. When were the latest research studies of residents on electricity conducted?

1. Several years ago.
2. A few years ago
3. Recently

9. Given a choice between electricity and other energy forms, would you continue to use electricity?

1. Yes
2. No

10. If yes please state briefly why?

11. Income contributed by members of the household per month.

1. Less than 800
2. 800-1 000
3. 1 000-1 500
4. 1 500 +

This page is for residents without electricity

1. Have you ever considered the option of having electricity?

1. Yes
2. No

Have you ever applied for electricity?

- [Yes]
[No]

If yes about how many times?

- [once]
[2 to 5 tiems]
[6 to 10 times]
[11 to 20 times]
[more than 20 times]

2. How developed is the infrastructure in your area?

1. Poorly developed
2. Fairly developed
3. Not at all
4. Successfully

3. How far are you to the area which is utilising electricity?

1. Meters away
2. Kilometers away
3. Very far.

4. Who is responsible for paying installation fee of electricity?

1. Each household
2. The Council
3. Do not know

5. How much are you paying towards service charges per month?

1. Less than R10
2. R10-R25
3. R25-R35
4. R35 +

6. Have you ever experienced any problems with regard to the form of energy source you are using?

1. Yes
2. No.

7. If Yes, please state the problem briefly.

8. Income contributed by members of the household per month

1. Less than 800
2. 800-1 000
3. 1 000-1 500
4. 1 500 +

9. Are you able to attend evening ceremonies?

1. Yes
2. No

10. If Yes, which of these have you attended in the past three months?

1. Wedding reception
2. Night Vigils
3. Churches at night
4. Discos at night
5. None of the above

11. Briefly, suggest what do you think will contribute to the electrification of the whole Katlehong township?
