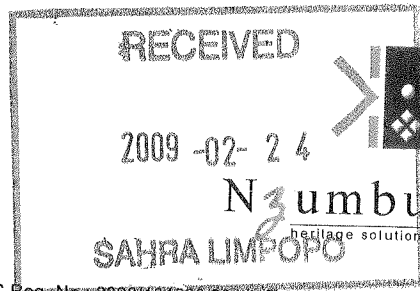
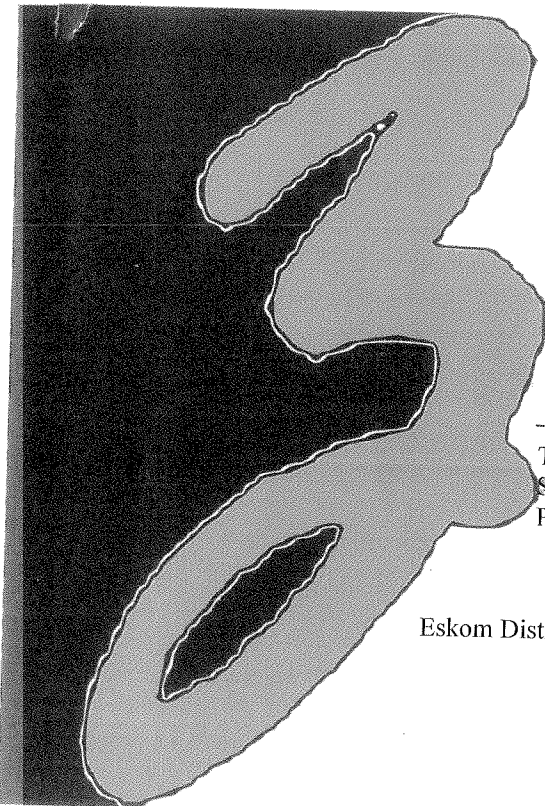


caseID: 1786



CC Reg. No.: 2009/104596/23 | Tax Reg. No.: 93337585/15/7P | VAT Reg. No.: 4580215095



To: Manager  
SAHRA LIMPOPO  
Polokwane, 0699

From: Mabuda M. Moses  
Field Archaeologist

Phone number: +27(0) 15 297 8066  
Fax: number: +27(0) 15 297 0059  
E-mail: hessa5@telkomsa.net

Eskom Distribution Power-line

Date: 20-02-2009

Dear Madam

**APPLICATION FOR EXAMPTION FROM ARCHAEOLOGICAL IMPACT ASSESSMENT FOR PROPOSED ESKOM DISTRIBUTION POWERLINES IN LIMPOPO PROVINCE**

The above has reference. I request exemption from conducting Phase 1 Archaeological Impact Assessment (AIA) for the proposed Eskom distribution powerline developments at locations listed in table below. All proposed powerline will traverse through areas that are densely developed with residential properties, access roads, boundary fence lines and other portions that have been disturbed by agricultural and other similar land use activities.

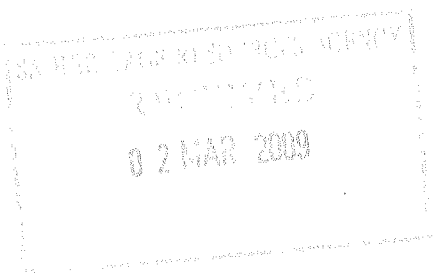
We conducted a detailed field investigation to identify potential heritage and archaeological resources that may be associated with the affected landscapes. The results of these studies indicated that the affected areas have no potential to yield archaeological resources. Please refer to attached Scoping reports for each line and associated spanning sheets for further details of the powerline routes and the results of the scoping study. Given the extensive degradation of the receiving environments of the proposed developments, we request that SAHRA issues exemptions from conducting AIA for the proposed distribution powerline.

I hope you will find this record in order; however, should you require any further information in this regard, please do not hesitate to contact me at any time.

Yours Sincerely

*Handwritten signature of Dr. M Murimbika*

Dr. M Murimbika  
Chief Archaeologist  
For Nzumbululo Heritage Solutions

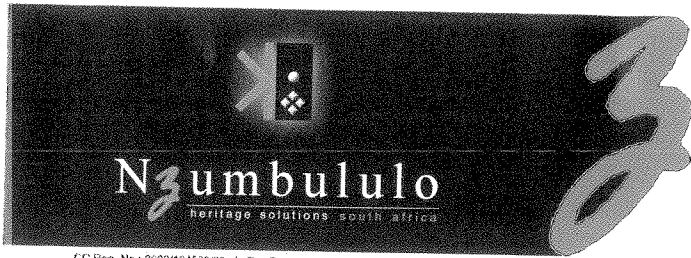


Phone number: +27(0) 15 297 8066  
Fax: number: +27(0) 15 297 0059  
E-mail: hessa5@telkomsa.net  
www.hessa.co.za



Mpumalanga Province  
Suite 232, Postnet,  
Private Bag X 11326  
Nelspruit, 1200

CUSTOMER	PROJECT NUMBER	LINE LENGTH	DISTRICT
Tladi	08JFE21146755	0, 824M	Capricorn District
Lekoankoa	08JFE20801690	1. 198KM	Capricorn District
DWAF	L19228590	0.339M	Capricorn District
Letsebe	08JFE19358467	0.592M	Capricorn District
Avon & Innes Farmers	THT11923134	0.999M	Capricorn District
Sipeyi M.	08DDN1958602	0.330M	Capricorn District
Lekhade J	THT21811366	0.558M	Capricorn District
Mohlabane R.L	9WA20601936	0.402M	Capricorn District



CC Reg. No.: 2003/16459/23 | Tax Reg. No.: 9333/595/15/7P | VAT Reg. No.: 4580215066

<p><b>Polokwane</b>          Suite No. 4, Eurasia Building          91 Hans Van Rensburg          Polokwane, 0700</p> <p>Postal Address          Suite 345, PostNet          Private Bag X9307          Polokwane, 0700</p> <p>+27(0) 15 297 8066          +27(0) 15 297 0059</p>	<p><b>Nelspruit</b>          7 Riverside Gardens          Nelspruit, 1200</p> <p>Postal Address          Suite 44, PostNet          Private Bag X 11326          Nelspruit, 1200</p> <p>+27(0) 82 923 9397          +27(0) 15 297 0059</p>	<p><b>eThekweni</b>          42 Burlington Drive          Westville, 5830</p> <p>Postal Address          P.O. Box 213          Westville, 5830</p> <p>+27(0) 83 813 6530          +27(0) 86 656 2634</p>
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hessa@telkomsa.net

DATE: 16 JANUARY 2009

**SCOPING REPORT  
 ARCHAEOLOGICAL AND HERITAGE IMPACT ASSESSMENT STUDIES**

**CLIENT: ESKOM NORTHERN REGION ENGINEERING/DISTRIBUTION DIVISION, P.O Box 3499  
 POLOKWANE, 0700.Tel:015 299 0000; Fax: 015 295 7550**

**PROJECT DETAILS:**

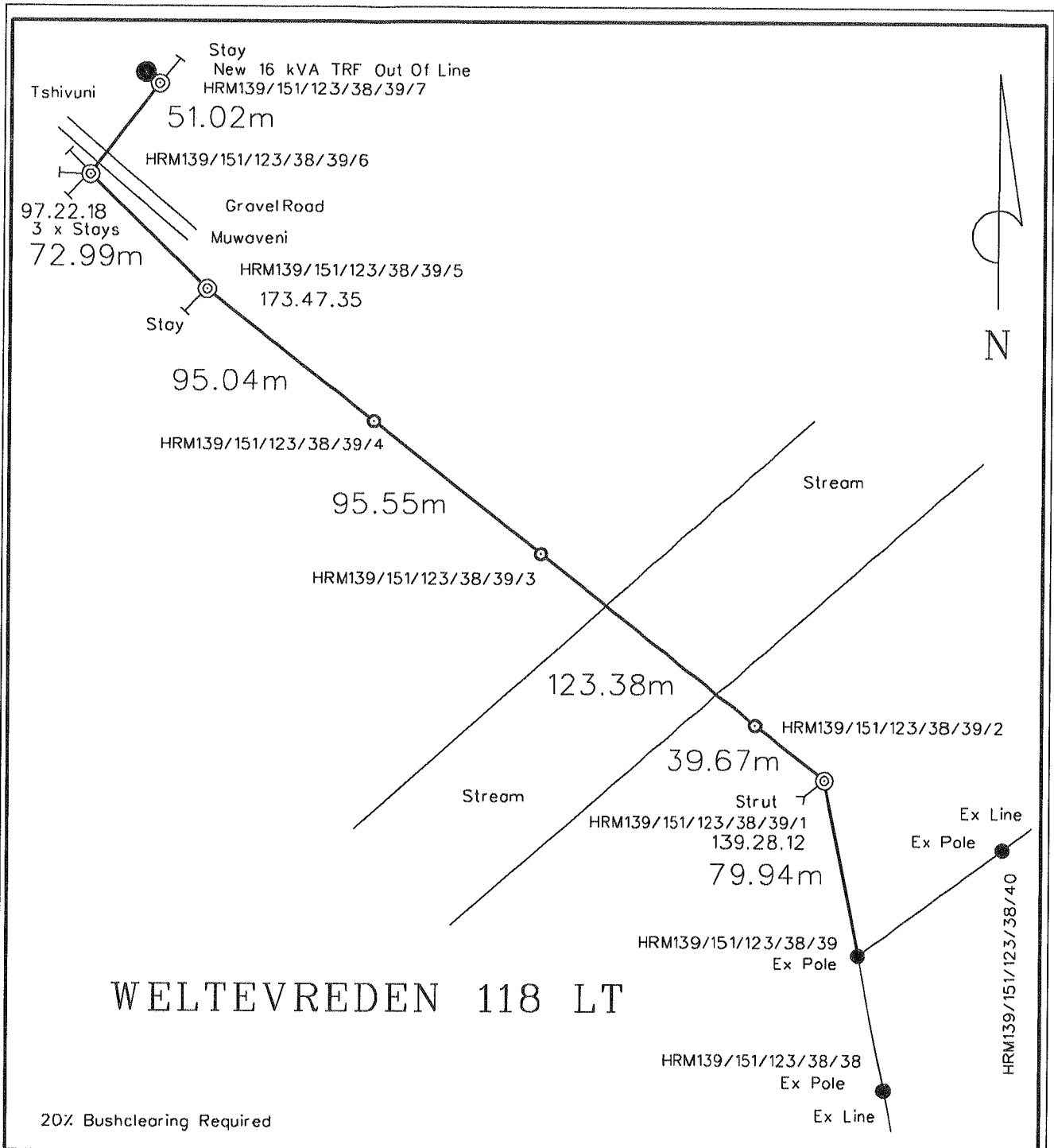
<b>PROPOSED DEVELOPMENT:</b> Linear power line	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> RED MUD 22KV	<b>CUSTOMER:</b> J LEKHADE
<b>PROJECT NO:</b> THT21811366	<b>PROPERTY :</b> WELTEVREDEN 118 LT
<b>LENGTH OF LINE:</b> 0.558 KM	<b>MAP REFERENCE :</b> 2330 AC-N
	<b>SCALE :</b> 1:2500

**FIELD STUDY AND ASSESSMENT RESULTS**

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed line will connects to the existing line at the end of Tshituni village and run parallel to the gravel road to Muwaweni village where it will connect to the customer' house.
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected, area already developed
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

*P.P. [Signature]*

..... Principal Investigator/Chief Archaeologist  
**Dr. McEDWARD MURIMBIKA** (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]).



LJCC ENGINEERING SURVEY

P.O. BOX 12452  
 BENDOR 0699  
 TEL. 082 899 8529  
 FAX. (015) 297 3081

<b>FEEDER:</b> RED MUD 22 kV	<b>CUSTOMER:</b> J LEKHADE
<b>PROJECT NO:</b> THT21811366	<b>PROPERTY:</b> WELTEVREDEN 118 LT
<b>CONDUCTOR:</b> FOX	
<b>LENGTH OF LINE:</b> 0.558 km.	<b>COMPILATION:</b> 2330 AC - N
<b>SURVEYOR:</b> A RANDALL	<b>SCALE:</b> 1:2500
<b>DRAUGHTSPERSON:</b> A RANDALL	<b>PAGE:</b> <u>1</u> OF <u>2</u>

WELTEVREDEN 118 LT

HRM139/151/123/38/39

Owner: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

Date:   20   /    /   

Eskom: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

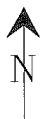
Date:   20   /    /   

Scale: 1:5000



Title: THT2181366

Subtitle: J Lekhade



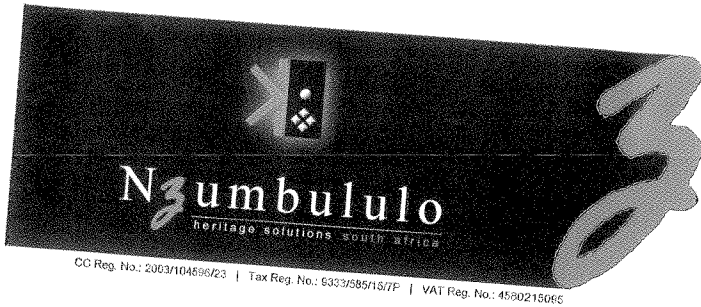
Select a bitmap

Projection: Lambert SA HH94 cm (cm)  
Produced by: KhozaLD on 2009-01-09

Map Number:

Version:

Eskom Distribution is not responsible for any errors in the information displayed on this map.



**Polokwane**  
 Suite No. 4, Eurasia Building  
 91 Hans Van Rensburg  
 Polokwane, 0700  
 Postal Address  
 Suite 345, PostNet  
 Private Bag X3307  
 Polokwane, 0700  
 +27(0) 15 297 8066  
 +27(0) 15 297 0059

**Nelspruit**  
 7 Riverside Gardens  
 Nelspruit, 1200  
 Postal Address  
 Suite 44, PostNet  
 Private Bag X11326  
 Nelspruit, 1200  
 +27(0) 82 923 9397  
 +27(0) 15 297 0059

**eThekweni**  
 42 Burlington Drive  
 Westville, 3630  
 Postal Address  
 P.O. Box 213  
 Westville, 3630  
 +27(0) 83 613 6550  
 +27(0) 88 655 2834

hessa6@telkomsa.net

DATE: 15 JANUARY 2009

**SCOPING REPORT**  
**ARCHAEOLOGICAL AND HERITAGE IMPACT ASSESSMENT STUDIES**  
 CLIENT: ESKOM NORTHERN REGION ENGINEERING/DISTRIBUTION DIVISION, P.O Box 3499  
 POLOKWANE, 0700. Tel: 015 299 0000; Fax: 015 295 7550

**PROJECT DETAILS:**

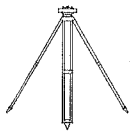
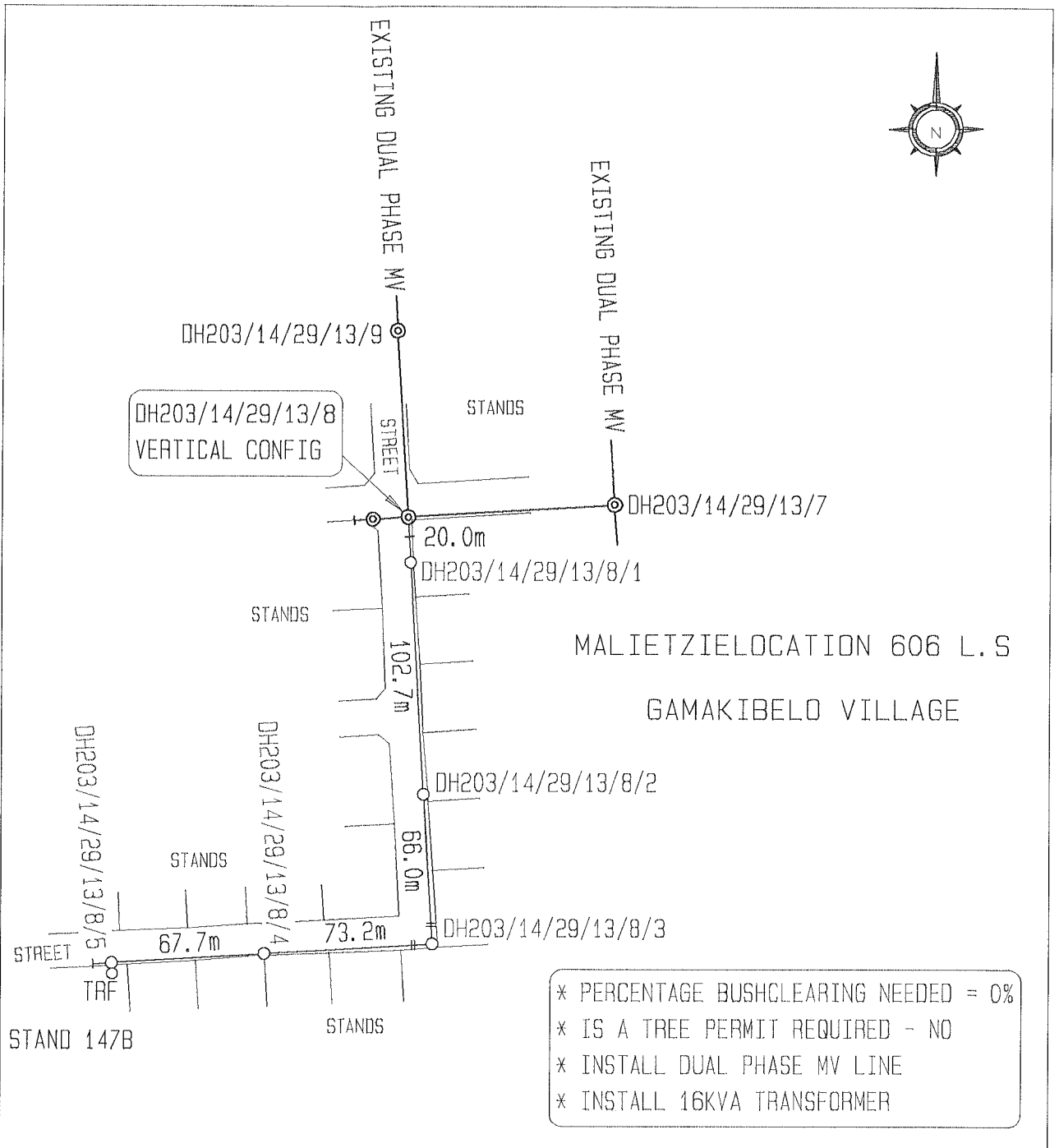
<b>PROPOSED DEVELOPMENT:</b> Linear powerline	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> DH-HLAHLA 22KV	<b>CUSTOMER:</b> SIPEYI M
<b>PROJECT NO:</b> 08DDN1958602	<b>PROPERTY :</b> MALIETZIELOCATION 606L.S
<b>LENGTH OF LINE:</b> 0.330KM	<b>SCALE :</b> 1:2500

**FIELD STUDY AND ASSESSMENT RESULTS**

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed power line will built at Gamakibelo village and connecting from the existing reticulation system within the village
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected, area already developed
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

*Dr. McEDWARD MURIMBIKA*

Dr. McEDWARD MURIMBIKA (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]). Principal Investigator/Chief Archaeologist



**MCB**  
OPMETINGS  
SURVEYS

DISTRIBUTION  
NORTHERN AREA  
LAND SURVEY

P.O. BOX 1414  
LOUIS TRICHARDT 0920  
TEL. (015) 516 1148  
FAX. (015) 516 3745  
EMAIL. mcb@mweb.co.za

FEEDER:	DH - HLAHLA 22KV	CUSTOMER:	SEPEYI M.
PROJECT NO:	08DDN1958602	PROPERTY:	MALIETZIELOCATION 606 L.S
CONDUCTOR:		DATE:	23-01-2009
LENGTH OF LINE:	0.330 km.	COMPILATION:	
SURVEYOR:	M C BOTHA	SCALE:	1:2500
DRAUGHTSPERSON:	E STEENKAMP	PAGE:	1 OF 1

DATUM SYSTEM	LO	PROJECT NO	CUSTOMER	FdrCode	SURVEYOR	Pole No	Description	Structure Type	Equipment
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/7	Existing pole	T - Off	None
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/9	Existing pole	In - Line	None
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/8	Existing pole	T - Off	None
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/8/1	New pole	In - Line	None
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/8/2	New pole	In - Line	None
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/8/3	New pole	Bend	None
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/8/4	New pole	In - Line	None
WGS84	29	08DDN1958602	SEPEYI MASILO	DH	M C BOTHER	DH203/14/29/13/8/5	New pole	Terminal	Transformer



Y	X	Z	Survey Date	LAT	LONG
-40197.982	2617919.432	1201.538	23-01-2009	23 39 43.5497	29 23 38.5265
-40101.097	2617842.925	1199.798	23-01-2009	23 39 41.0716	29 23 35.1002
-40106.088	2617925.024	1200.277	23-01-2009	23 39 43.7397	29 23 35.2843
-40107.269	2617945.002	1200.372	23-01-2009	23 39 44.3889	29 23 35.3279
-40113.369	2618047.511	1200.611	23-01-2009	23 39 47.7203	29 23 35.5531
-40117.277	2618113.375	1200.863	23-01-2009	23 39 49.8608	29 23 35.6974
-40044.224	2618117.797	1199.626	23-01-2009	23 39 50.0111	29 23 33.1200
-39976.650	2618121.893	1198.519	23-01-2009	23 39 50.1503	29 23 30.7358



<p><b>Polokwane</b>  <small>0700</small>          Suite No. 4, Eurasia Building          91 Hans Van Rensburg          Polokwane, 0700</p> <p>Postal Address          Suite 345, PostNet          Private Bag X9307          Polokwane, 0700</p> <p>+27(0) 15 297 8066          +27(0) 15 297 0059</p>	<p><b>Nelspruit</b>  <small>0950</small>          7 Riverside Gardens          Nelspruit, 1200</p> <p>Postal Address          Suite 44, PostNet          Private Bag X11326          Nelspruit, 1200</p> <p>+27(0) 82 923 9367          +27(0) 15 287 0099</p>	<p><b>eThekweni</b>  <small>0870</small>          42 Burlington Drive          Westville, 3650</p> <p>Postal Address          P.O. Box 213          Westville, 3630</p> <p>+27(0) 83 812 8626          +27(0) 86 656 2634</p>
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hessa5@telkomsa.net

CG Reg. No.: 2003/104896/23 | Tax Reg. No.: 933/565/15/7P | VAT Reg. No.: 4389215006

DATE: 15 January 2009

**SCOPING REPORT  
 ARCHAEOLOGICAL AND HERITAGE IMPACT ASSESSMENT STUDIES**

**CLIENT: ESKOM NORTHERN REGION ENGINEERING/DISTRIBUTION DIVISION, P.O Box 3499  
 POLOKWANE, 0700.Tel:015 299 0000; Fax: 015 295 7550**

**PROJECT DETAILS:**

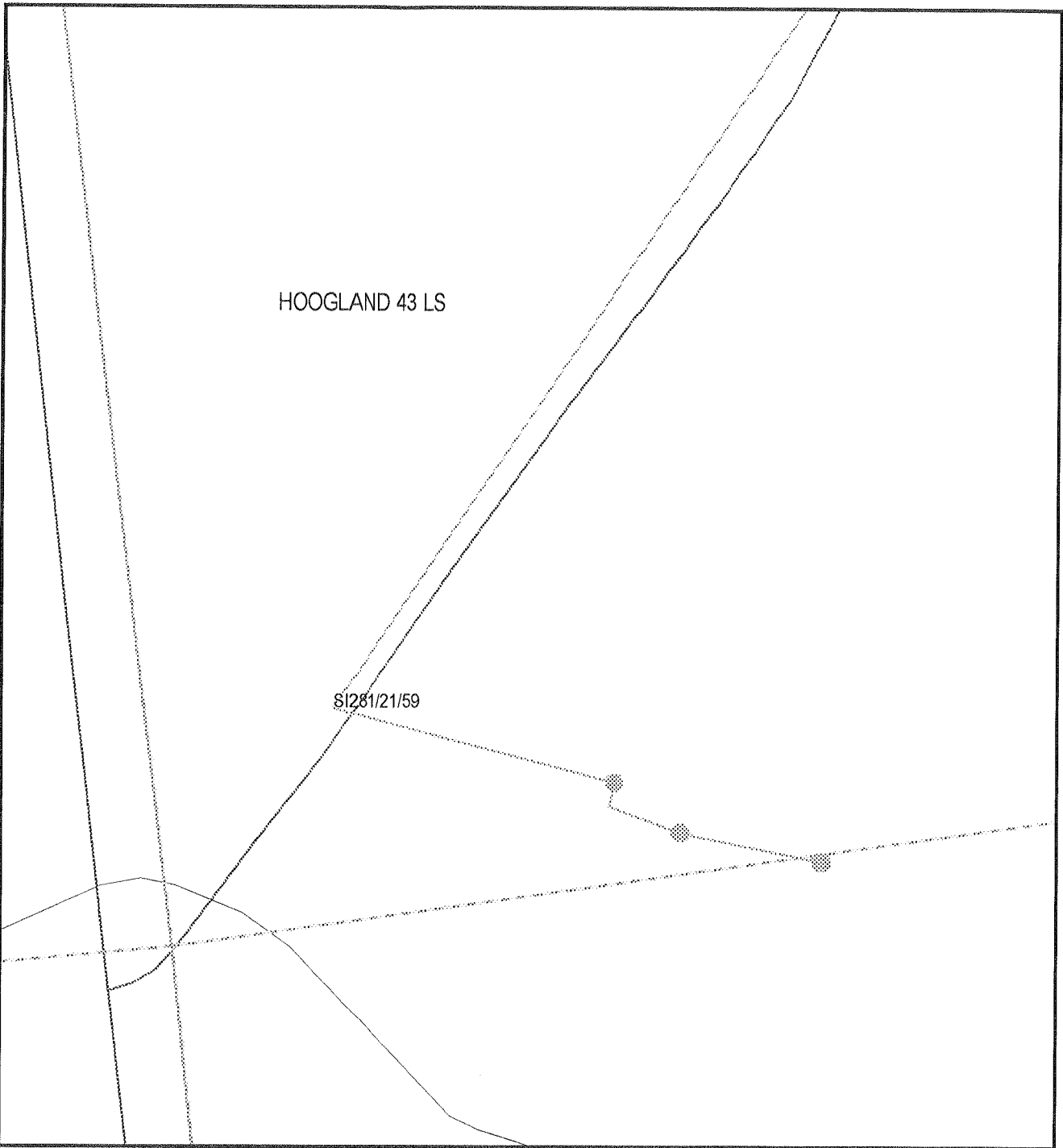
<b>PROPOSED DEVELOPMENT: Linear power line</b>	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> Ingwe 22KV	<b>CUSTOMER:</b> Avon & Innes Farmers corporative
<b>PROJECT NO:</b> THT11923134	<b>PROPERTY :</b> HOOGLAND 43LS
<b>LENGTH OF LINE:</b> 0.999M	<b>MAP REFERENCE :</b> <b>SCALE :</b> 1:2500

**FIELD STUDY AND ASSESSMENT RESULTS**

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed power line will start at the western side of the road from Bochum to Indermark and run through the grazing land towards the Agricultural farm to connect to the borehole.
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected, area already developed
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

*[Handwritten Signature]*

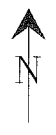
Principal Investigator/Chief Archaeologist  
**Dr. McEDWARD MURIMBIKA** (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]).



Owner: \_\_\_\_\_  
 Witness: \_\_\_\_\_  
 Witness: \_\_\_\_\_  
 Date: 20 / /

Eskom: \_\_\_\_\_  
 Witness: \_\_\_\_\_  
 Witness: \_\_\_\_\_  
 Date: 20 / /

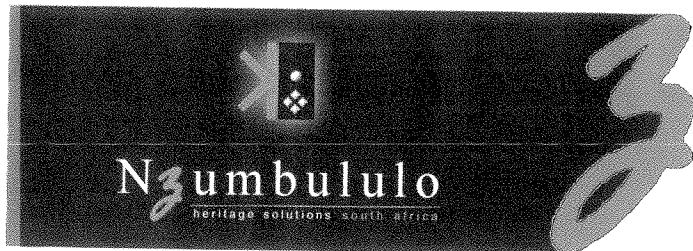
Scale: 1:5000  
 Title: THT11923134  
 Subtitle: AVON AND INNES FARMERS COPORATIVE





DATUM SYSTEM	LO	PROJECT NO	CUSTOMER	FdrCode	SURVEYOR	Pole No	Description	Structure Type	Equipment
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/58	Existing pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/59/1	Existing pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/59/2	Existing pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/59	Existing pole	T - Off	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/60	New pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/61	New pole	Bend	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/62	New pole	Bend	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/63	New pole	Bend	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/64	New pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/65	New pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/66	New pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/67	New pole	Bend	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/68	New pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/69	New pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/70	New pole	Bend	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/71	New pole	In - Line	None
WGS84	29	THT11923134	AVON & INNES FARMERS CORP	SI	M C BOTHA	SI281/21/72	New pole	Terminal	Transformer

Y	X	Z	Survey Date	LAT	LONG
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-12454.963	2558038.941	910.784	20-01-2009	23 07 18.7221	29 07 17.7402
-12531.901	2558054.782	910.822	20-01-2009	23 07 19.2350	29 07 20.4447
-12363.112	2558020.432	910.703	20-01-2009	23 07 18.1229	29 07 14.5115
-12340.078	2558018.609	910.681	20-01-2009	23 07 18.0643	29 07 13.7019
-12254.177	2558011.830	910.715	20-01-2009	23 07 17.8462	29 07 10.6826
-12203.619	2557980.237	910.448	20-01-2009	23 07 16.8206	29 07 08.9048
-12142.084	2557985.099	910.671	20-01-2009	23 07 16.9803	29 07 06.7423
-12054.384	2557964.978	910.544	20-01-2009	23 07 16.3285	29 07 03.6594
-11966.680	2557944.853	910.396	20-01-2009	23 07 15.6766	29 07 00.5764
-11878.942	2557924.701	910.011	20-01-2009	23 07 15.0238	29 06 57.4923
-11786.996	2557903.592	909.500	20-01-2009	23 07 14.3400	29 06 54.2602
-11704.521	2557905.117	909.133	20-01-2009	23 07 14.3916	29 06 51.3616
-11623.317	2557906.637	908.725	20-01-2009	23 07 14.4431	29 06 48.5077
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-11469.377	2557863.785	907.421	20-01-2009	23 07 13.0540	29 06 43.0963
-11407.165	2557824.072	906.886	20-01-2009	23 07 11.7646	29 06 40.9087



<b>Polokwane</b> <small>Limpopo</small> Suite No. 4, Eurasia Building 91 Hans Van Rensburg Polokwane, 0700 Postal Address Suite 345, PostNet Private Bag X9307 Polokwane, 0700 +27(0) 15 297 8086 +27(0) 15 297 0059	<b>Nelspruit</b> <small>Stimorobane</small> 7 Riverside Gardens Nelspruit, 1200 Postal Address Suite 44, PostNet Private Bag X11326 Nelspruit, 1200 +27(0) 82 923 9397 +27(0) 15 297 0059	<b>eThekweni</b> <small>Dumakane</small> 42 Burlington Drive Westville, 3630 Postal Address P.O. Box 213 Westville, 3630 +27(0) 83 613 6530 +27(0) 86 655 2534
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hessa6@telkomsa.net   
 www.sassa.gov.za

CC Reg. No.: 2902/104696Z3 | Tax Reg. No.: 9333/66/15/7P | VAT Reg. No.: 4580216065

Date: 19 January 2009

**PROJECT DETAILS**

<b>PROPOSED DEVELOPMENT: Linear power line</b>	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> SEKWATI 22KV	<b>CUSTOMER:</b> LETSEBE
<b>PROJECT NO:</b> 08JFE19358467	<b>PROPERTY :</b> ZANDFONTEIN 31JR
<b>LENGTH OF LINE:</b> 0.592M	<b>SCALE :</b> 1:3000

**FIELD STUDY AND ASSESSMENT RESULTS**

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed line will connect from an existing power-line and run parallel to the farm boundary fence, crosses the road from Lebowakgomo to Jane Furse towards the customer' premises.
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected.
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

..... Principal Investigator/Chief Archaeologist

**Dr. McEDWARD MURIMBIKA** (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]).

EXISTING POLE  
JSK103A/16

EXISTING POLE  
JSK103A/17

70m

JSK103A/18

71m

JSK103A/19

69m

JSK103A/20

58m

JSK103A/21

100m

9m STAY

JSK103A/22

145°

84m

145°

JSK103A/23

57m

JANE FURSE

JSK103A/24

83m

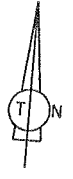
STAND  
830600

GA-MOHCACA

APEL LEBOWAKGOMO

JSK103A/25  
kVA TRF  
3m OFF LINE  
9m STAY

MAMONE  
TRADING CO.



NOTE:  
FROM POLE /18 TO /21  
ARE EXISTING LV POLES-  
REPLACE WITH MV POLES

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NORTHERN ENGINEERING DIVISION  
NORTHERN EASTERN AREA  
LAND DEVELOPMENT



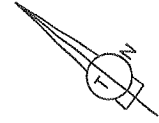
P.O. BOX 3499  
PIETERSBURG 0700  
TEL. (015) 299 0000  
FAX. (015) 295 7550

FEEDER :	SEKWATI 22kV	CUSTOMER :	LETSEBE
PROJECT NO. :	08JFE19358467	PROPERTY :	STAND 830600
INDUCTOR :		DATE :	31/01/2009
LENGTH OF LINE :	0.592km	COMPILATION :	UNKNOWN
INSPECTOR :	D.C. KUKARD	SCALE :	1 : 3 000
DRAWN BY :	D.C. KUKARD	PAGE	1
			2 OF



# PIETERSBURG LAND SURVEY

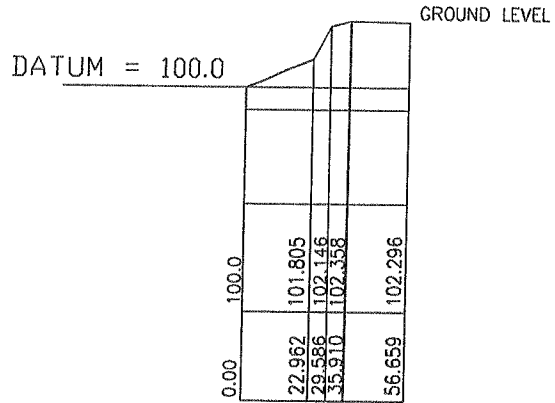
PROFILE OF ROAD  
 ROAD No. UNKNOWN  
 FEEDER: SEKWATI 22kV  
 PROJECT: 08JFE19358467  
 CLIENT: LETSEBE  
 OCCUPATION No.  
 SCALE Hor. 1:2500  
 Ver. 1:250



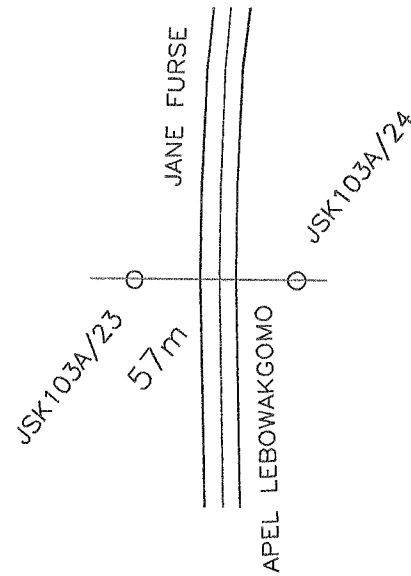
CONDUCTOR:  
 SURVEYED By: D.C. KUKARD

HOT CURVE: \_\_\_\_\_  
 ATTACHMENT HEIGHT  
 A= \_\_\_\_\_  
 B= \_\_\_\_\_  
 C= \_\_\_\_\_  
 D= \_\_\_\_\_

TEMPLATED By: \_\_\_\_\_  
 DATE: \_\_\_\_\_



ROAD CROSSING  
 CROSSING ANGLE = 90°  
 CLEARANCE = .....m



POLE/ POSITION	CHAINAGE	GROUND HEIGHT ABOVE DATUM	OBSTACLE HEIGHT	MINIMUM CLEARANCE	COMMENTS
JSK103A/23	00.00	100.00			
SIDE ROAD	22.962	101.805			
C/L ROAD	29.586	102.146			
SIDE ROAD	35.910	102.358			
JSK103A/24	56.659	102.296			





<b>Polokwane</b> Suite No. 4, Eurasia Building 91 Hans Van Rensburg Polokwane, 0700 Postal Address Suite 345, PostNet Private Bag X9307 Polokwane, 0700 +27(0) 15 297 8056 +27(0) 15 297 0059	<b>Nelspruit</b> 7 Riverside Gardens Nelspruit, 1200 Postal Address Suite 44, PostNet Private Bag X11326 Nelspruit, 1200 +27(0) 82 923 9397 +27(0) 15 297 0059	<b>eThekweni</b> 42 Burlington Drive Westville, 3630 Postal Address P.O. Box 213 Westville, 3630 +27(0) 83 613 8530 +27(0) 86 656 2634
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hessa5@telkomsa.net

CG Reg. No.: 2003/104596/23 | Tax Reg. No.: 9833685/15/P/P | VAT Reg. No.: 4580215095

DATE: 17 JANUARY 2009

**SCOPING REPORT  
ARCHAEOLOGICAL AND HERITAGE IMPACT ASSESSMENT STUDIES**

**CLIENT: ESKOM NORTHERN REGION ENGINEERING/DISTRIBUTION DIVISION, P.O. Box 3499  
POLOKWANE, 0700. Tel: 015 299 0000; Fax: 015 295 7550**

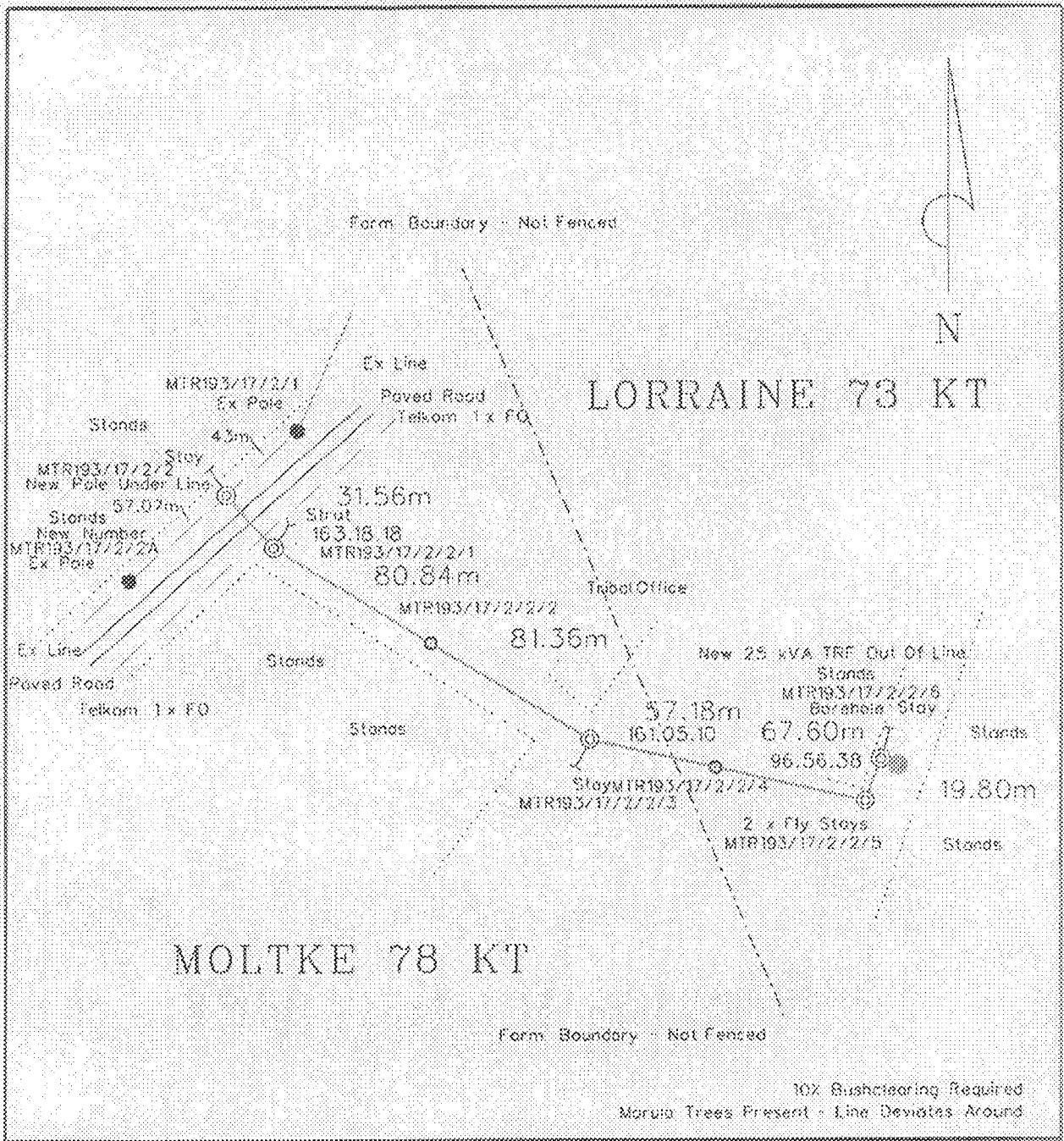
**PROJECT DETAILS:**

<b>PROPOSED DEVELOPMENT:</b> Linear power line	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> TRICHARDSDAL 22 KV	<b>CUSTOMER:</b> DWARF
<b>PROJECT NO:</b> L19228590	<b>PROPERTY :</b> MOLTKE 78 KT
<b>LENGTH OF LINE:</b> 0.339 KM	<b>MAP REFERENCE :</b> 2430 AB-S
	<b>SCALE :</b> 1:2500

**FIELD STUDY AND ASSESSMENT RESULTS**

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed line will run along the street until it connects to the customer' yard. The proposed line will cross Telkom line before connecting to the proposed point.
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected, area already developed
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

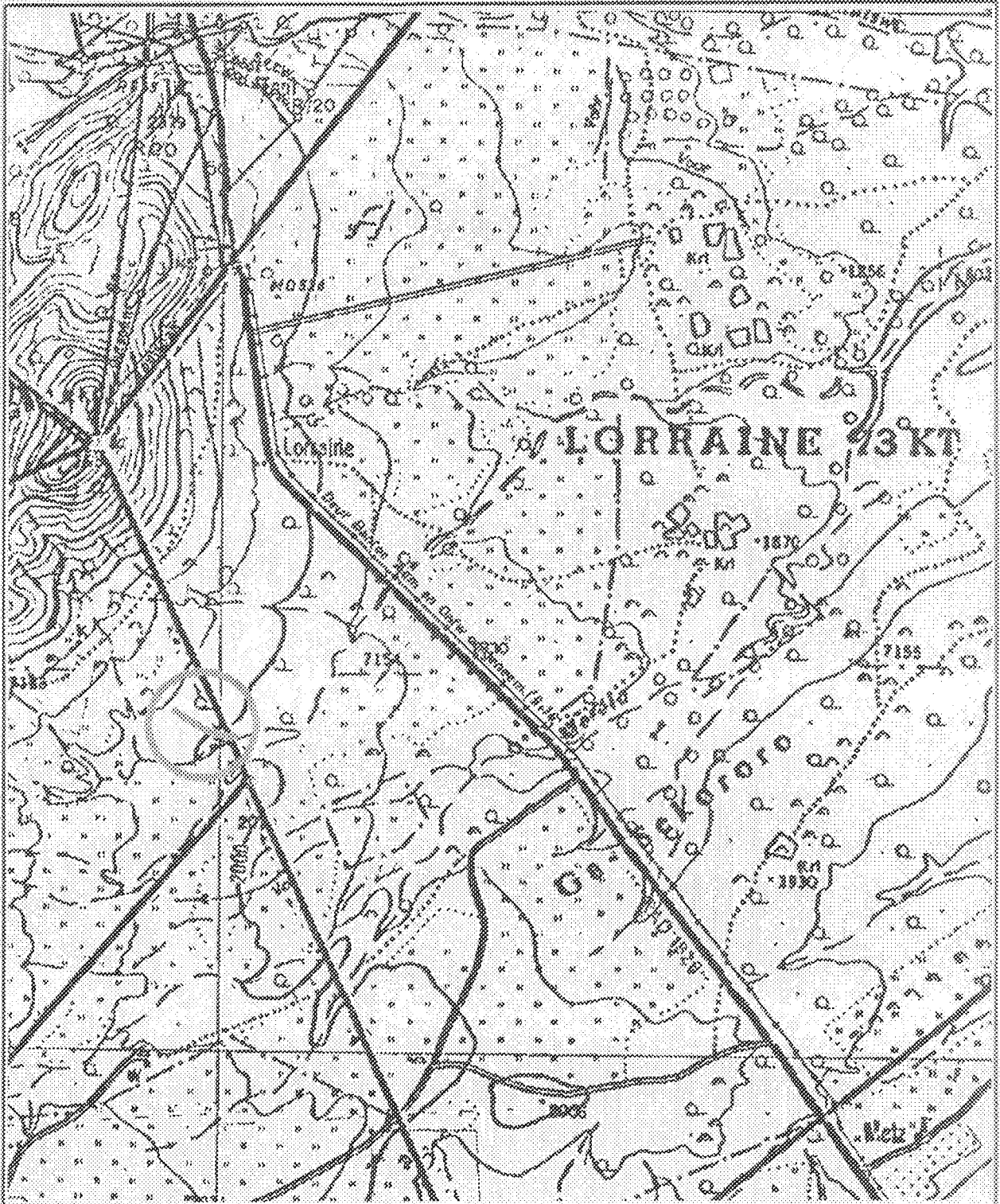
Principal Investigator/Chief Archaeologist  
**Dr. McEDWARD MURIMBIKA** (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]).



LJCC ENGINEERING SURVEY

P.O. BOX 12452  
 BENDOR 0699  
 TEL. 082 899 8529  
 FAX. (015) 297 3081

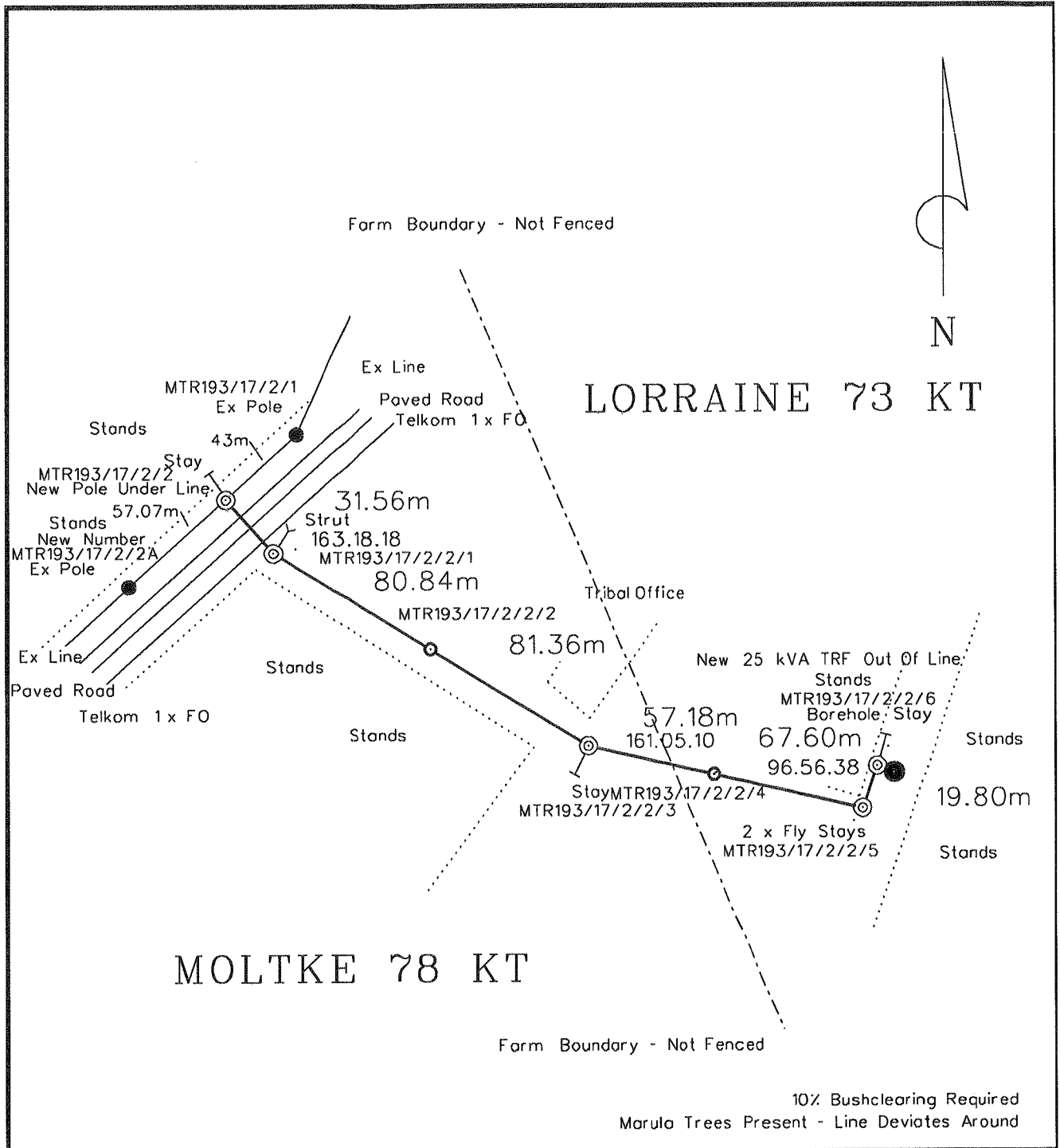
FEEDER: TRICHARDSDAL 22 kV	CUSTOMER: DEPT WATER AFFAIRS
PROJECT NO: L19228590	PROPERTY: MOLTKE 78 KT
CONDUCTOR: FOX	
LENGTH OF LINE: 0.339 km.	COMPILATION: 2430 AB - 5
SURVEYOR: A RANDALL	SCALE: 1:2500
DRAUGHTSPERSON: A RANDALL	PAGE: 1 OF 2



ROUTEPLAN



	PLAN NO.	FEEDER: TRICHARDSDAL 27 kV
	2430	CLIENT: DEPT WATER AFFAIRS
	AB - S	PROJECT NO: L19228590
		SCALE: 1:25 000
		AREA: LETABA



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<b>FEEDER:</b> TRICHARDSDAL 22 kV	<b>CUSTOMER:</b> DEPT WATER AFFAIRS
<b>PROJECT NO:</b> L19228590	<b>PROPERTY:</b> MOLTKE 78 KT
<b>CONDUCTOR:</b> FOX	
<b>LENGTH OF LINE:</b> 0.339 km.	<b>COMPILATION:</b> 2430 AB - S
<b>SURVEYOR:</b> A RANDALL	<b>SCALE:</b> 1: 2500
<b>DRAUGHTSPERSON:</b> A RANDALL	<b>PAGE:</b> _1_ OF _2_

Annexure D2.SPREADSHEET FORMAT EXAMPLE

Datum / System	LD	ProjectNo	Customer	Feeder Code	Surveyor	Pole No	Description	Structure Type	Equipment	Y	X	Z	Survey Date
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317020A	8x Pole	Intermediate	None	-142866.27	2679306.20		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317021	8x Pole	Base	None	-142941.91	2679241.92		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317022	New Pole	T Off	Pole	-142910.66	2679269.99		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317023	New Pole	Base	Pole	-142931.58	2679293.59		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317024	New Pole	Intermediate	None	143000.35	2679346.06		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317025	New Pole	Base	None	143069.45	2679379.21		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317026	New Pole	Intermediate	None	-143125.18	2679391.75		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317027	New Pole	Base	None	-143191.16	2679406.79		2009/01/15
WGS84	29	19225590	Dept Water Affairs	MTR	A Rendal	MTR19317028	New Pole	Terminal	25 xVA TRF	-143197.81	2679368.16		2009/01/15





<p><b>Polokwane</b> <small>City Office</small></p> <p>Suite No. 4, Eurasia Building 51 Hans Van Rensburg Polokwane, 0700</p> <p> Postal Address Suite 345, PostNet Private Bag X8307 Polokwane, 0700</p> <p> +27(0) 15 297 8066  +27(0) 15 297 0059</p>	<p><b>Nelspruit</b> <small>Regional Office</small></p> <p>7 Riverside Gardens Nelspruit, 1200</p> <p> Postal Address Suite 44, PostNet Private Bag X11326 Nelspruit, 1200</p> <p> +27(0) 82 923 8397  +27(0) 15 297 0050</p>	<p><b>eThekweni</b> <small>Regional Office</small></p> <p>42 Burlington Drive Westville, 3630</p> <p> Postal Address P.O. Box 213 Westville, 3630</p> <p> +27(0) 83 613 6830  +27(0) 86 065 2634</p>
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hessa5@telkomsa.net [www.hessa.co.za](http://www.hessa.co.za)

CG Reg. No.: 2003/104590/23 | Tax Reg. No.: 9333/580/157/P | VAT Reg. No.: 4580215095

Date: 26 January, 2009

**PROJECT DETAILS**

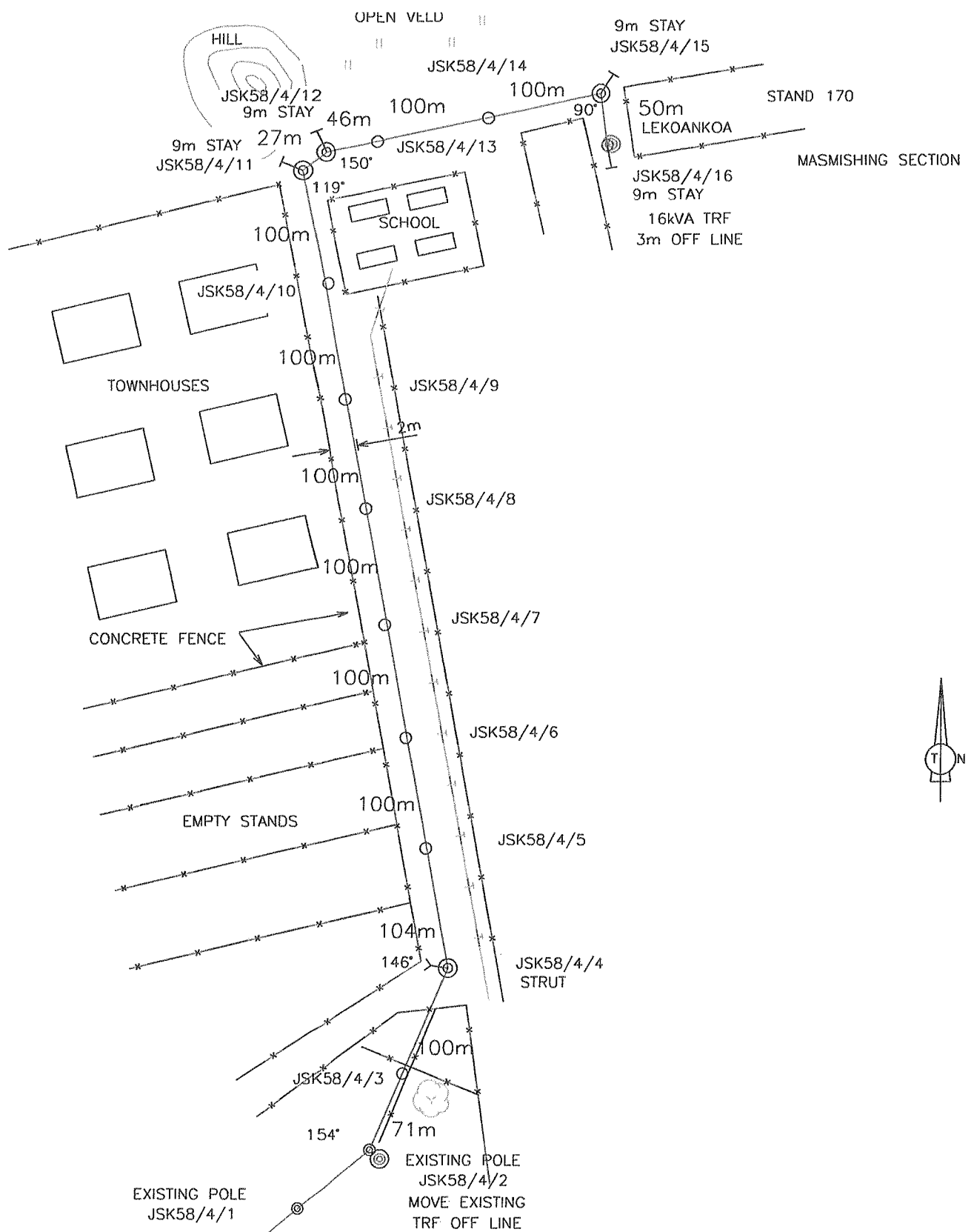
<b>PROPOSED DEVELOPMENT:</b> Linear power line	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> SEKWATI 22KV	<b>CUSTOMER:</b> LEKOANKOA
<b>PROJECT NO:</b> 08JFE20801690	<b>PROPERTY :</b> STAND 170 MASMISHING
<b>LENGTH OF LINE:</b> 1.198MK	<b>SCALE :</b> 1:5000

**FIELD STUDY AND ASSESSMENT RESULTS**

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed line will connect from an existing power-line and run parallel to the street before crossing to the same street to the customer' house.
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected.
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

..... Principal Investigator/Chief Archaeologist  
**Dr. McEDWARD MURIMBIKA** (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]).





DISTRIBUTION  
 NORTHERN ENGINEERING DIVISION  
 NORTHERN EASTERN AREA  
 LAND DEVELOPMENT



P.O. BOX 3499  
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 FAX. (015) 295 7550

FEEDER :	SEKWATI 22kv	CUSTOMER :	LEKOANKOA
PROJECT NO. :	08JFE20801690	PROPERTY :	STAND 170 MASMISHING SECTION
CONDUCTOR :		DATE :	29/01/2009
LENGTH OF LINE :	1.198km	COMPILATION :	UNKNOWN
SURVEYOR :	D.C. KUKARD	SCALE :	1 ; 5 000
DRAUGHTSPERSON :	D.C. KUKARD	PAGE	1 1 OF





**Polokwane** —of local Office—  
 Suite No. 4, Eurasia Building  
 91 Hans Van Rensburg  
 Polokwane, 0700

**Nelspruit**  
 7 Riverside Gardens  
 Nelspruit, 1200

**eThekweni**  
 42 Burlington Drive  
 Westville, 3630

Postal Address  
 Suite 345, PostNet  
 Private Bag X9307  
 Polokwane, 0700

Postal Address  
 Suite 44, PostNet  
 Private Bag X11326  
 Nelspruit, 1200

Postal Address  
 P.O. Box 213  
 Westville, 3630

+27(0) 15 297 8066  
 +27(0) 15 297 0059

+27(0) 82 923 9397  
 +27(0) 15 297 0059

+27(0) 83 613 6630  
 +27(0) 86 655 2834

hessa5@elkomaa.net

CC Reg. No.: 2003/104596/23 | Tax Reg. No.: 93235685/157P | VAT Reg. No.: 4580215086

Date: 25 January 2009

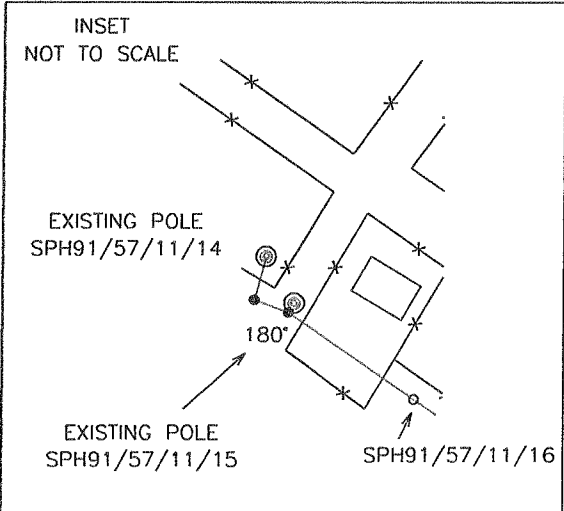
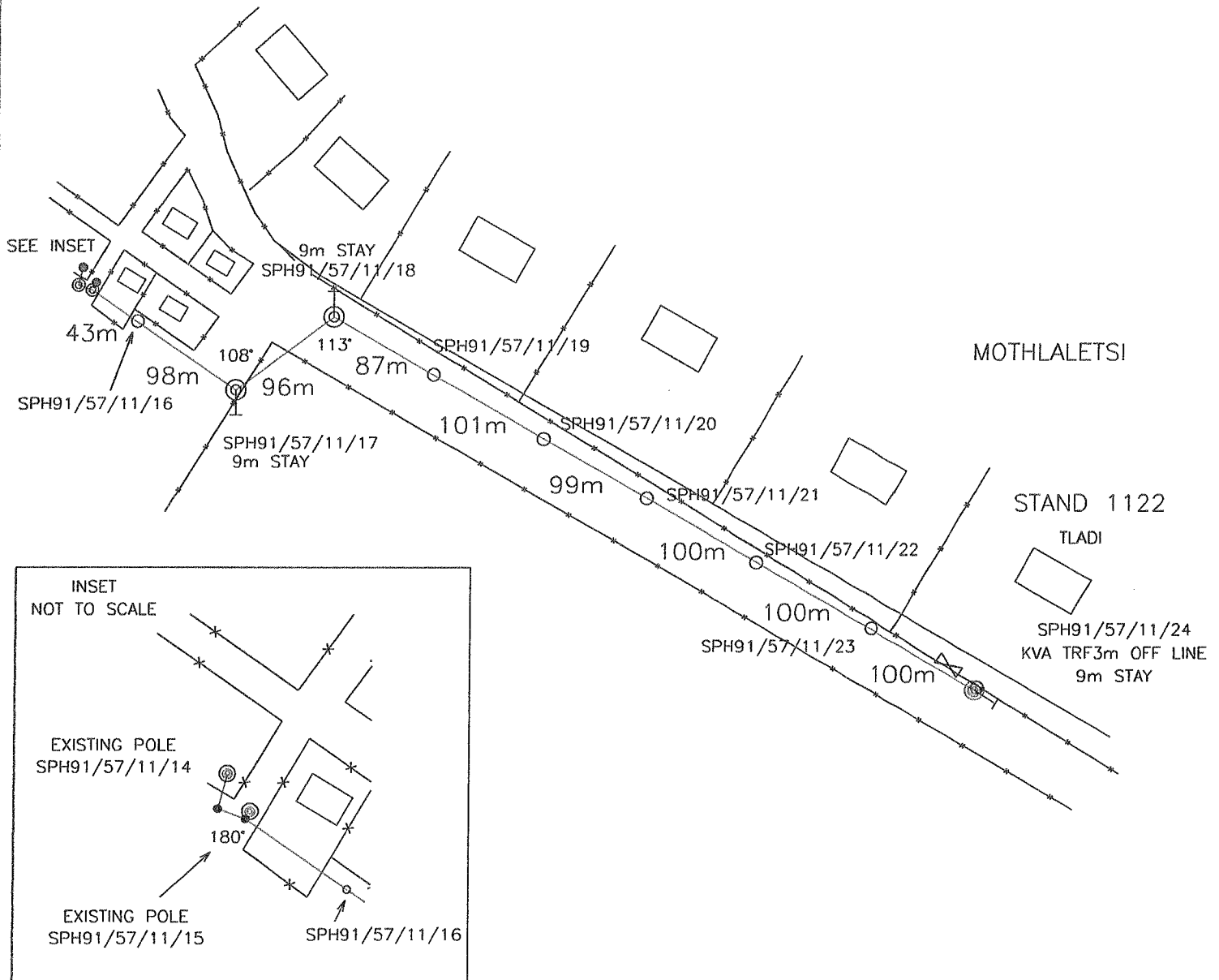
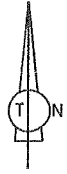
PROJECT DETAILS

<b>PROPOSED DEVELOPMENT:</b> Linear power line	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> No feeder	<b>CUSTOMER:</b> TLADI
<b>PROJECT NO:</b> 08JFE21146755	<b>PROPERTY :</b> STAND 1122 MOTHLALETSI
<b>LENGTH OF LINE:</b> 0.824M	<b>MAP REFERENCE :</b> 2429 DD
	<b>SCALE :</b> 1:5000

FIELD STUDY AND ASSESSMENT RESULTS

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed line will connect from an existing power-line within the same village, run through the village internal street to the customer' premises.
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected.
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

Principal Investigator/Chief Archaeologist  
 Dr. McEDWARD MURIMBIKA (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]).



DISTRIBUTION  
 NORTHERN ENGINEERING DIVISION  
 NORTHERN EASTERN AREA  
 LAND DEVELOPMENT



P.O. BOX 3499  
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 FAX. (015) 295 7550

FEEDER :	?	22kv	CUSTOMER :	TLADI
PROJECT NO. :	08JFE21146755		PROPERTY :	STAND 1122 MOTHLALETSI
CONDUCTOR :			DATE :	31/01/2009
LENGTH OF LINE :	0.824km		COMPILATION :	2429 DD
SURVEYOR :	D.C. KUKARD		SCALE :	1 : 5 000
DRAUGHTSPERSON :	D.C. KUKARD		PAGE	1 1 OF





**Polokwane** Hand Office  
 Suite No. 4, Eurasia Building  
 91 Hans Van Rensburg  
 Polokwane, 0700  
 Postal Address  
 Suite 345, PostNet  
 Private Bag X9307  
 Polokwane, 0700  
 +27(0) 15 297 8088  
 +27(0) 15 297 0059

**Nelspruit** Hand Office  
 7 Riverside Gardens  
 Nelspruit, 1200  
 Postal Address  
 Suite 44, PostNet  
 Private Bag X11326  
 Nelspruit, 1200  
 +27(0) 82 923 9397  
 +27(0) 15 297 0059

**eThekweni** Hand Office  
 42 Burlington Drive  
 Westville, 3630  
 Postal Address  
 P.O. Box 213  
 Westville, 3630  
 +27(0) 83 613 8630  
 +27(0) 88 655 2634

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CC Reg. No.: 2003/10459023 | Tax Reg. No.: 9333/569/1677P | VAT Reg. No.: 4660215085

DATE: 18 JANUARY 2009

**SCOPING REPORT  
 ARCHAEOLOGICAL AND HERITAGE IMPACT ASSESSMENT STUDIES**

**CLIENT: ESKOM NORTHERN REGION ENGINEERING/DISTRIBUTION DIVISION, P.O Box 3499  
 POLOKWANE, 0700.Tel:015 299 0000; Fax: 015 295 7550**

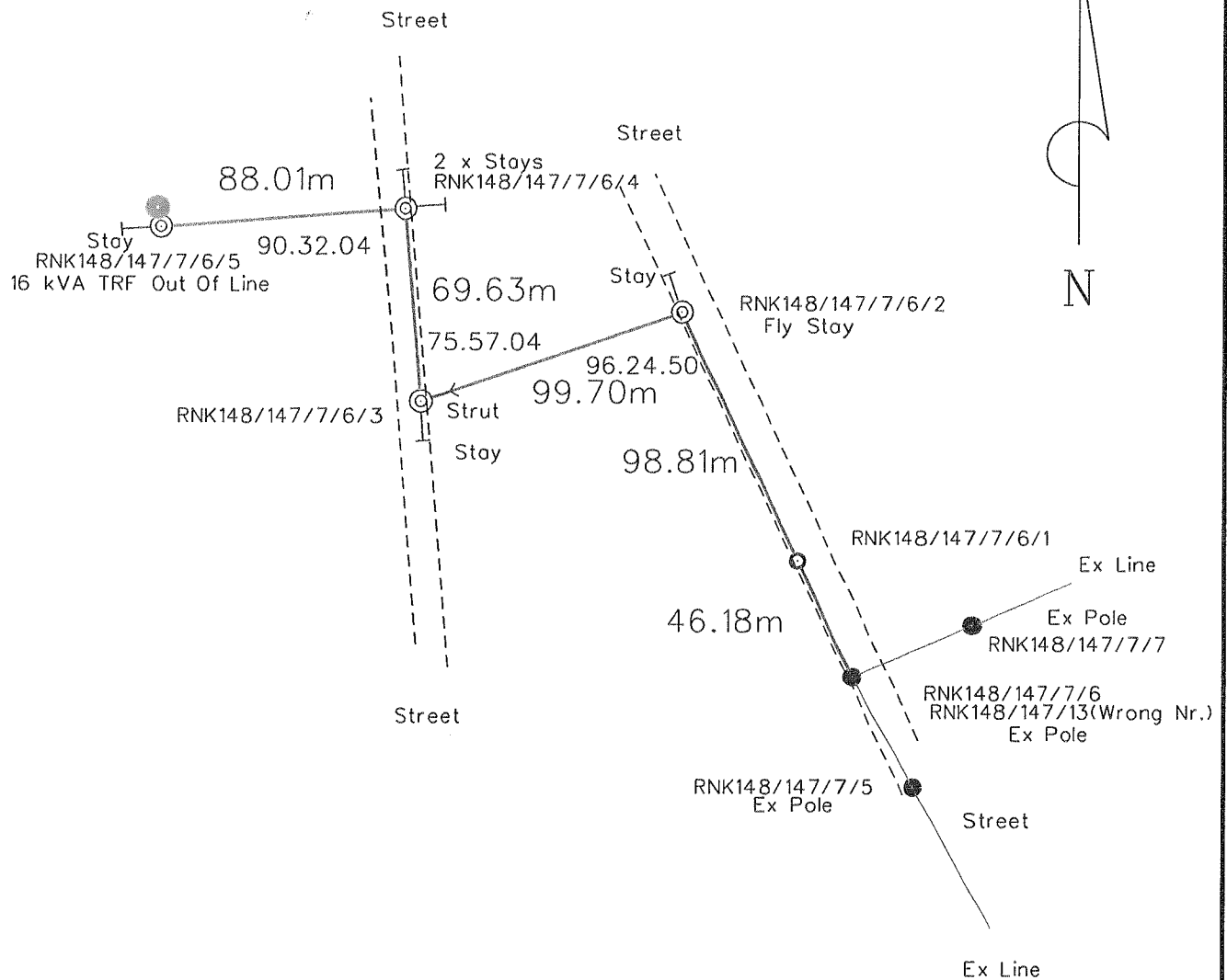
**PROJECT DETAILS:**

<b>PROPOSED DEVELOPMENT:</b> Linear power line	<b>STUDY AIM:</b> Fulfill the statutory requirement of Section 38 of the NHRA (Act of 25 1999)
<b>FEEDER:</b> NOKANENG 22KV	<b>CUSTOMER:</b> MOHLABANE RL
<b>PROJECT NO:</b> 9WA20601936	<b>PROPERTY :</b> ZANDFONTEIN 31JR
<b>LENGTH OF LINE:</b> 0.402M	<b>MAP REFERENCE :</b> 2528 AB-S
	<b>SCALE :</b> 1:2500

**FIELD STUDY AND ASSESSMENT RESULTS**

<b>DESCRIPTION OF POWER LINE ROUTE</b>	The proposed line will connect from an existing power-line and run parallel to the street before crossing to the same street to the customer' house.
<b>HISTORICAL SITES:</b>	None
<b>ARCHAEOLOGICAL REMAINS:</b>	No archaeological remains were identified
<b>BURIAL GROUND/ GRAVES</b>	None were identified
<b>MONUMENTS NATIONAL /PROVINCIAL</b>	No Monuments are listed in affected area
<b>NATURAL/CULTURAL HERITAGE MONUMENTS</b>	No natural or cultural resources are affected.
<b>LANDMARKS</b>	None identified
<b>SIGNIFICANCE:</b>	None
<b>POTENTIAL IMPACTS</b>	No impact anticipated since affected area is already built up and previously disturbed for archaeological materials to be in situ.
<b>RECOMMENDATIONS</b>	No further mitigation study necessary for heritage resources
<b>HERITAGE MONITORING</b>	Not necessary, no archaeological materials are likely to be disturbed by pole installations.

*PP* ..... Principal Investigator/Chief Archaeologist  
**Dr. McEDWARD MURIMBIKA** (PhD. [Wits], MPhil. [Bergen], Grad. Dipl., [Brussels], BA Hons. BA [UZ]).



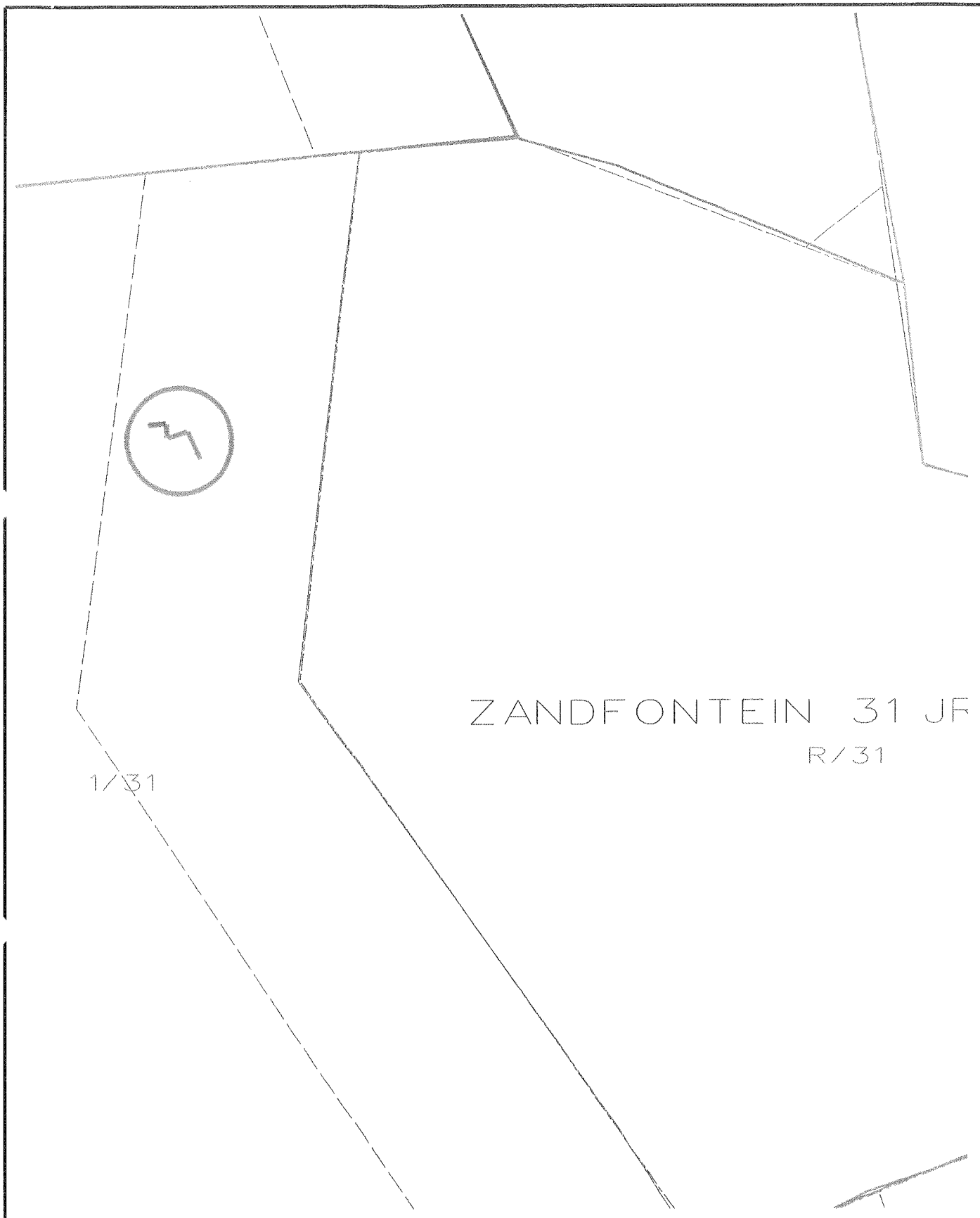
# ZANDFONTEIN 31 JR Portion 1

40% Bushclearing Required

LJCC ENGINEERING SURVEY

P.O. BOX 12452  
BENDOR 0699  
TEL. 082 899 8529  
FAX. (015) 297 3081

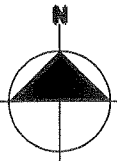
<b>FEEDER:</b> NOKANENG 22 kV	<b>CUSTOMER:</b> RL MOHLABANE
<b>PROJECT NO:</b> 9WA20601936	<b>PROPERTY:</b> ZANDFONTEIN 31 JR
<b>CONDUCTOR:</b> FOX	
<b>LENGTH OF LINE:</b> 0.402 km.	<b>COMPILATION:</b> 2528 AB - S
<b>SURVEYOR:</b> A RANDALL	<b>SCALE:</b> 1: 2500
<b>DRAUGHTSPERSON:</b> A RANDALL	<b>PAGE:</b> <u>1</u> OF <u>1</u>



ZANDFONTEIN 31 JF  
R/31

1/31

**ROUTEPLAN**

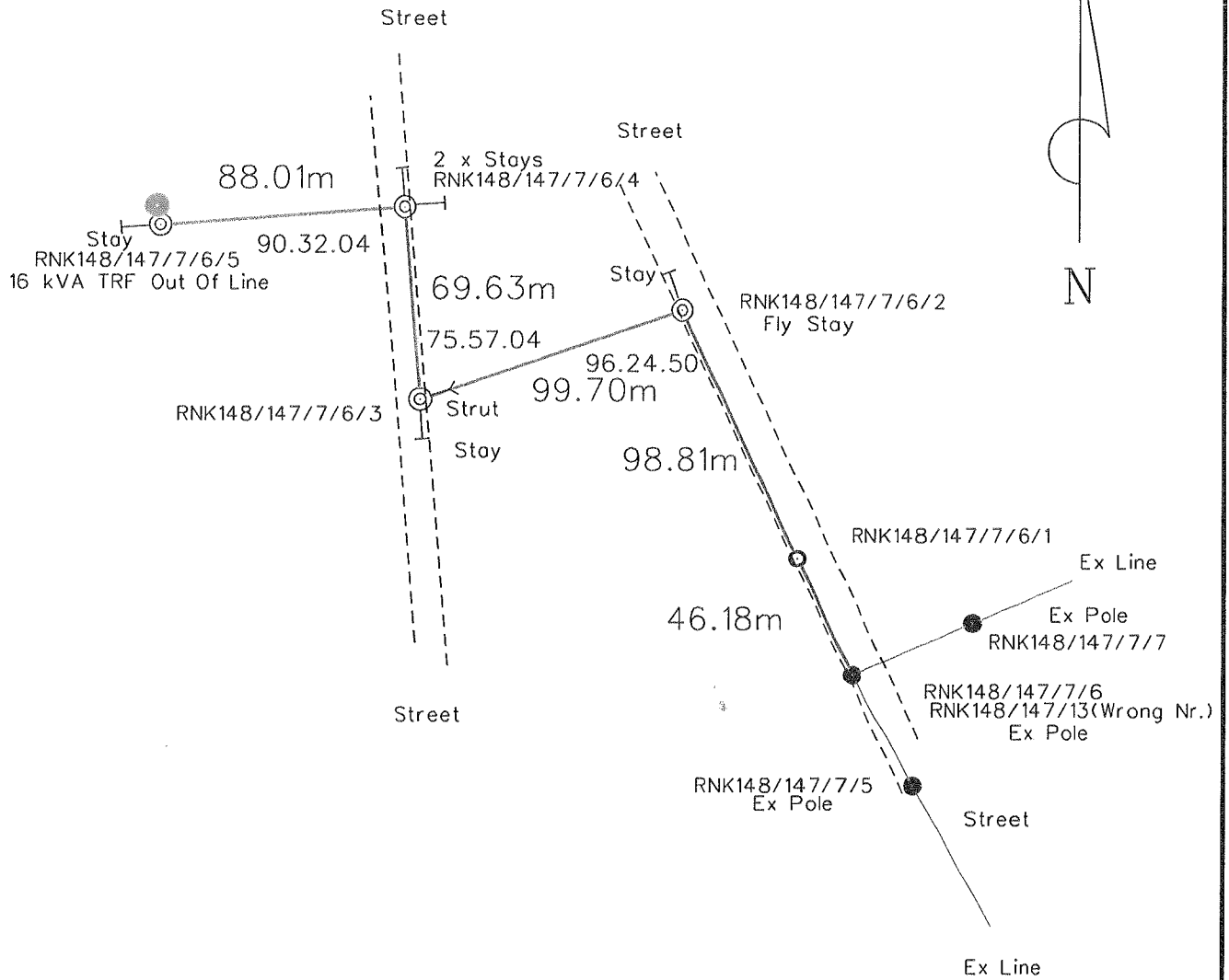


	<b>PLAN NO.</b>	<b>FEEDER:</b> NOKANENG 22 kV
	2528	<b>CLIENT:</b> RL MOHLABANE
	AB - S	<b>PROJECT NO:</b> 9WA20601936
		<b>SCALE:</b> 1 : 25 000
		<b>AREA:</b> BELA BELA



Annexure D2:SPREADSHEET FORMAT EXAMPL

Datum / System	LO	ProjectNo	Customer	Feeder Code	Surveyor	Pole No	Description	Structure Type	Equipment	Y	X	Z	Survey Date
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/5	Ex Pole	Intermediate	None	52363.81	2782304.62		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/7	Ex Pole	Intermediate	None	52342.60	2782246.16		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6	Ex Pole	T Off	None	52386.04	2782264.73		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/1	New Pole	Intermediate	None	52405.76	2782222.97		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/2	New Pole	Bend	None	52447.85	2782133.57		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/3	New Pole	Bend	None	52542.22	2782165.73		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/4	New Pole	Bend	None	52548.01	2782096.34		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/5	New Pole	Terminal	16 kVA TRF	52635.78	2782102.84		2009/01/22



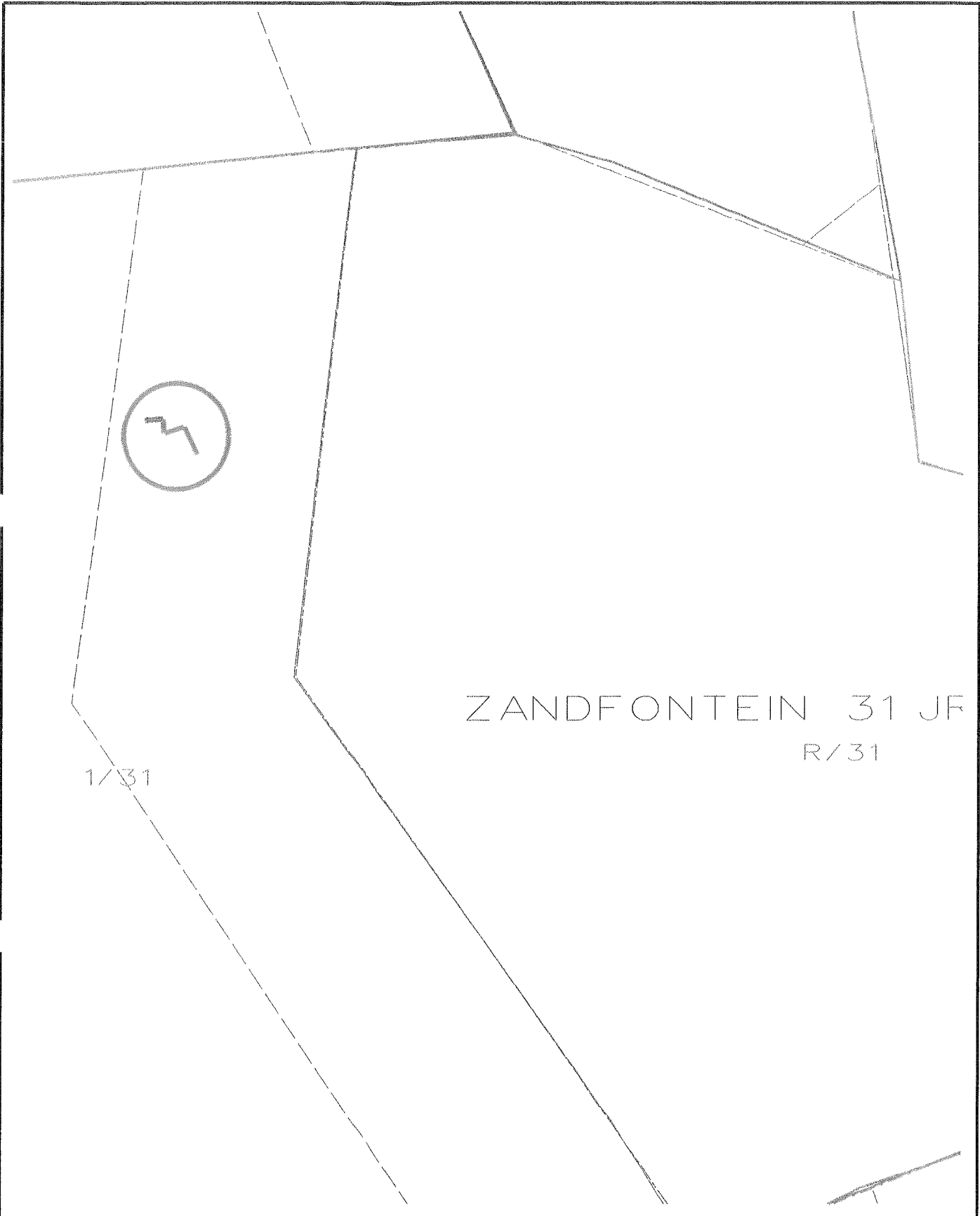
# ZANDFONTEIN 31 JR Portion 1

40% Bushclearing Required

LJCC ENGINEERING SURVEY

P.O. BOX 12452  
BENDOR 0699  
TEL. 082 899 8529  
FAX. (015) 297 3081

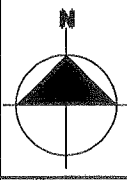
<b>FEEDER:</b> NOKANENG 22 kV	<b>CUSTOMER:</b> RL MOHLABANE
<b>PROJECT NO:</b> 9WA20601936	<b>PROPERTY:</b> ZANDFONTEIN 31 JR
<b>CONDUCTOR:</b> FOX	
<b>LENGTH OF LINE:</b> 0.402 km.	<b>COMPILATION:</b> 2528 AB - S
<b>SURVEYOR:</b> A RANDALL	<b>SCALE:</b> 1:2500
<b>DRAUGHTSPERSON:</b> A RANDALL	<b>PAGE:</b> 1 OF 1



ZANDFONTEIN 31 JF  
R/31

1/31

**ROUTEPLAN**



	<b>PLAN NO.</b>	<b>FEEDER:</b> NOKANENG 22 kV
	2528	<b>CLIENT:</b> RL MOHLABANE
AB - S		<b>PROJECT NO:</b> 9WA20601936
		<b>SCALE:</b> 1:25 000
		<b>AREA:</b> BELA BELA

**Annexure D2:SPREADSHEET FORMAT EXAMPL**

Datum / System	LO	ProjectNo	Customer	Feeder Code	Surveyor	Pole No	Description	Structure Type	Equipment	Y	X	Z	Survey Date
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/5	Ex Pole	Intermediate	None	52363.81	2782304.62		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/7	Ex Pole	Intermediate	None	52342.60	2782246.16		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6	Ex Pole	T Off	None	52386.04	2782264.73		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/1	New Pole	Intermediate	None	52405.76	2782222.97		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/2	New Pole	Bend	None	52447.85	2782133.57		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/3	New Pole	Bend	None	52542.22	2782165.73		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/4	New Pole	Bend	None	52548.01	2782096.34		2009/01/22
WGS84	29	9WA20601936	RL Mohlabane	RNK	A Randall	RNK148/147/7/6/5	New Pole	Terminal	16 kVA TRF	52635.78	2782102.84		2009/01/22