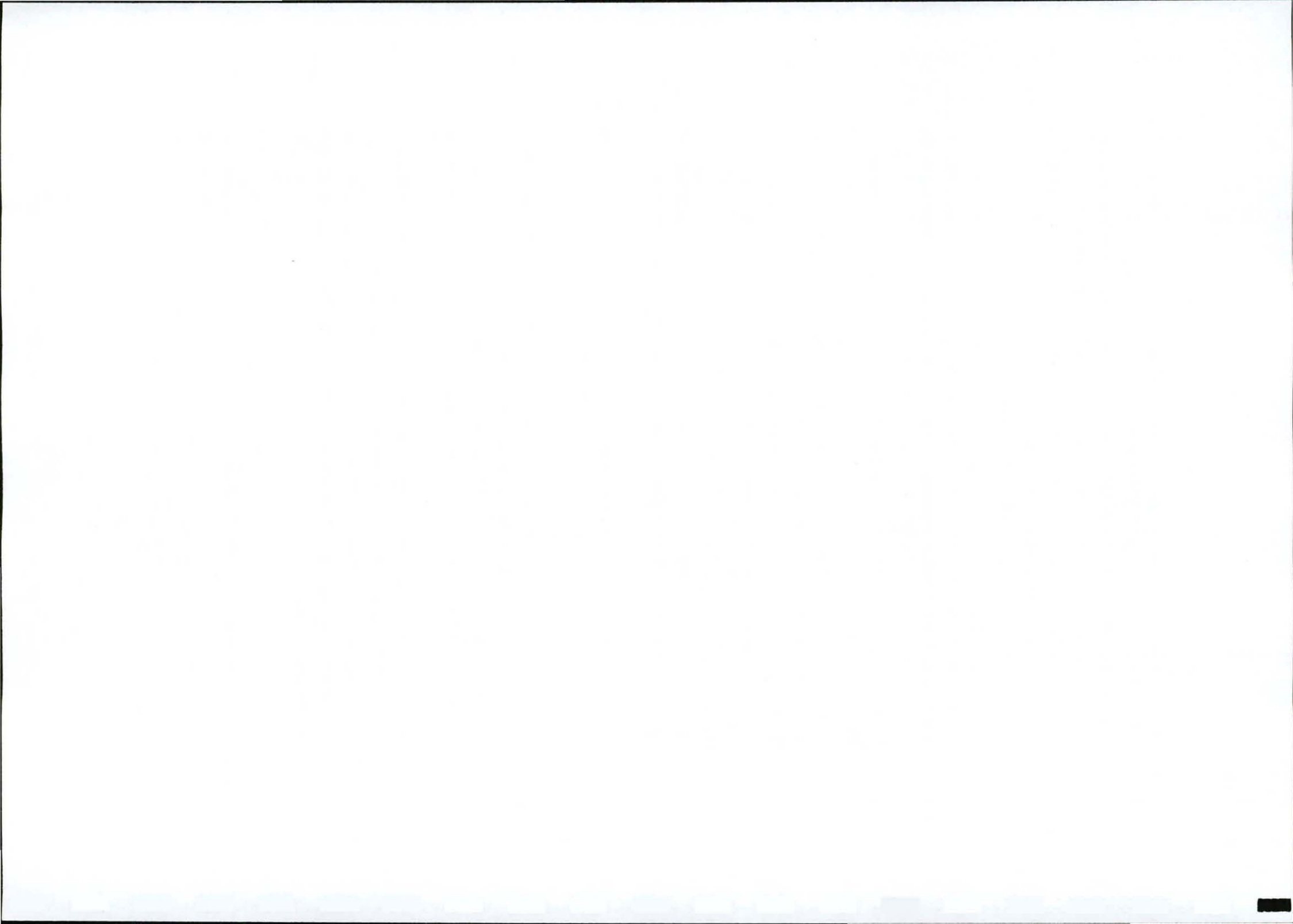


- The Contractor shall develop a Fire Management Procedure.
- The Contractor shall ensure that the risk of fire at any location on site is kept to a minimum.
- The Contractor shall ensure that all construction staff are aware of these procedures.
- The Contractor shall supply firefighting equipment in proportion to the fire risk presented by the type of activity and materials used on site.
- This equipment shall be kept in good working order.
- A designated facility must be established to serve as a kitchen/food preparation area.
- Any welding or other sources of heating shall be done in a controlled environment and under appropriate supervision, in such a manner as to minimise the risk of veld fires and/or injury to staff.
- Occupational Health & Safety Act requirement relating to fire precautions and fire control shall be implemented.
- All waste bins shall be kept away from fuel tank installations.
- Smoking may only be practiced in designated smoking areas.
- Smoking near refueling depots or near any flammable substances shall be prohibited.
- Cigarette butt bins (wet sand filled), where provided, shall be emptied on a daily basis

#### 14.6 Accidental leaks & spillages

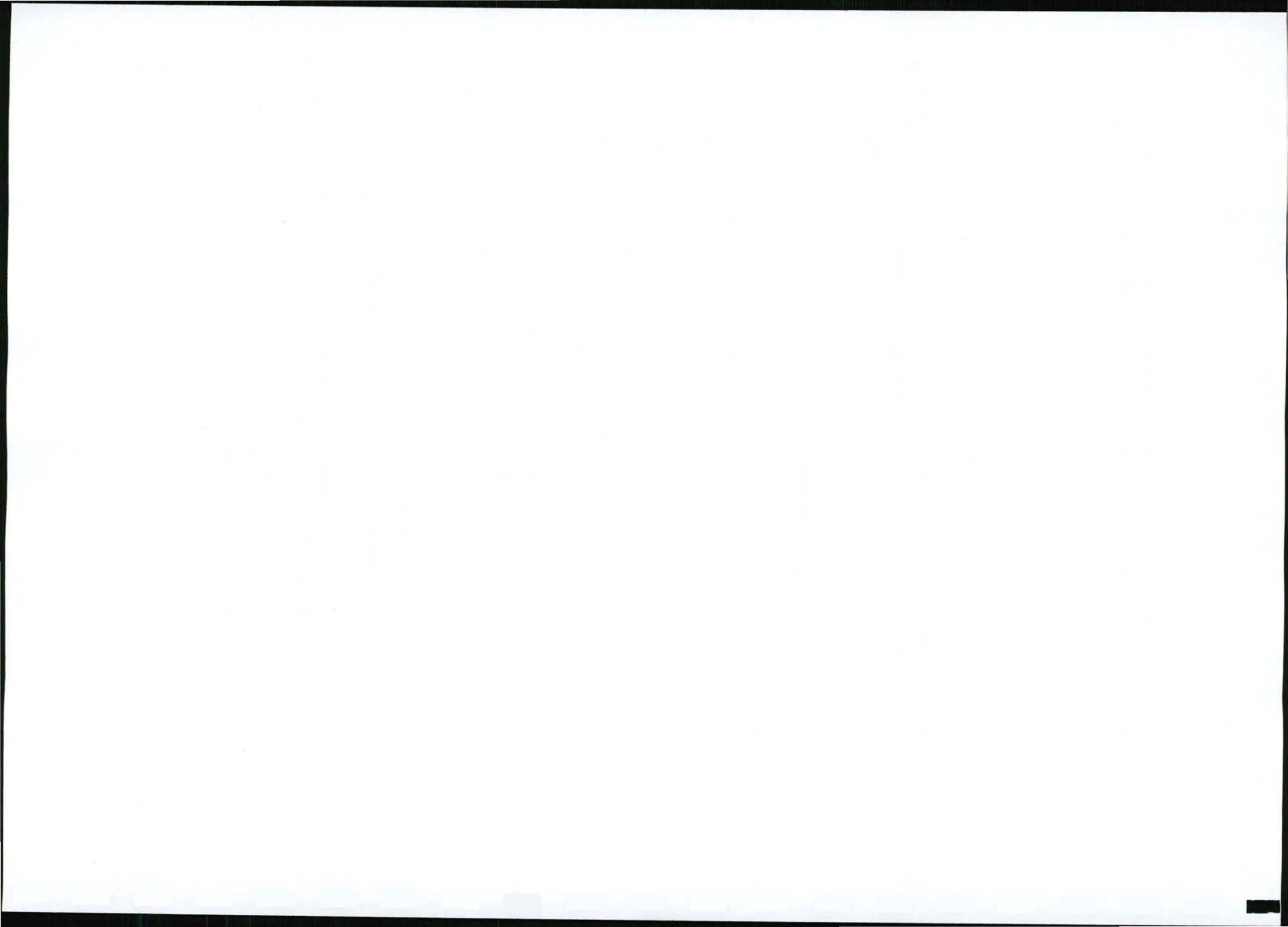
- An Emergency Action Plan and Procedure for the prevention and remediation of spillages of hazardous substances shall be developed by the Contractor. This must include clear roles & responsibilities.
- The Contractor shall ensure that his employees are aware of the procedure to be followed for dealing with spills and leaks, which shall include the immediate notification of the Engineer, ECO and the relevant authorities.
- The Contractor shall ensure that the necessary materials and equipment for dealing with spills and leaks is available on site at all times.
- Potentially hazardous materials shall be handled and stored on site in containers with tight lids that shall be sealed and disposed of at an appropriately permitted hazardous waste disposal site.
- The Contractor shall maintain a hazardous materials register which must document the use, storage, final destination and method of disposal of all hazardous substances.
- The contractor shall submit copies of Material Safety Data Sheets (in accordance with the requirements of the OHS Act - i.e. sixteen point MSDS format) to the OHSA agent. Copies shall also be kept on site.



- Treatment and remediation of the spill areas shall be undertaken to the reasonable satisfaction of the DME.
- In the event of a hydrocarbon spill, the source of the spillage shall be isolated and contained (i.e. be protected from rainfall and surface runoff). The Contractor shall ensure that there is always a supply of absorbent material readily available to absorb / breakdown spilt hydrocarbon material and where possible, materials designed to encapsulate minor hydrocarbon spillage. This is particularly relevant in the fuel storage and dispensing area.
- The quantity of such materials shall be able to handle a minimum of 200liters of hydrocarbon liquid spill.
- The telephone numbers for the closest Hazardous Materials Emergency Response offices should be prominently displayed as bitumen and diesel spillage frequently occur on mining sites. A swift cleanup procedure is critical in order to prevent contamination.

#### 14.7 Archaeology, Palaeontology & Heritage Sites

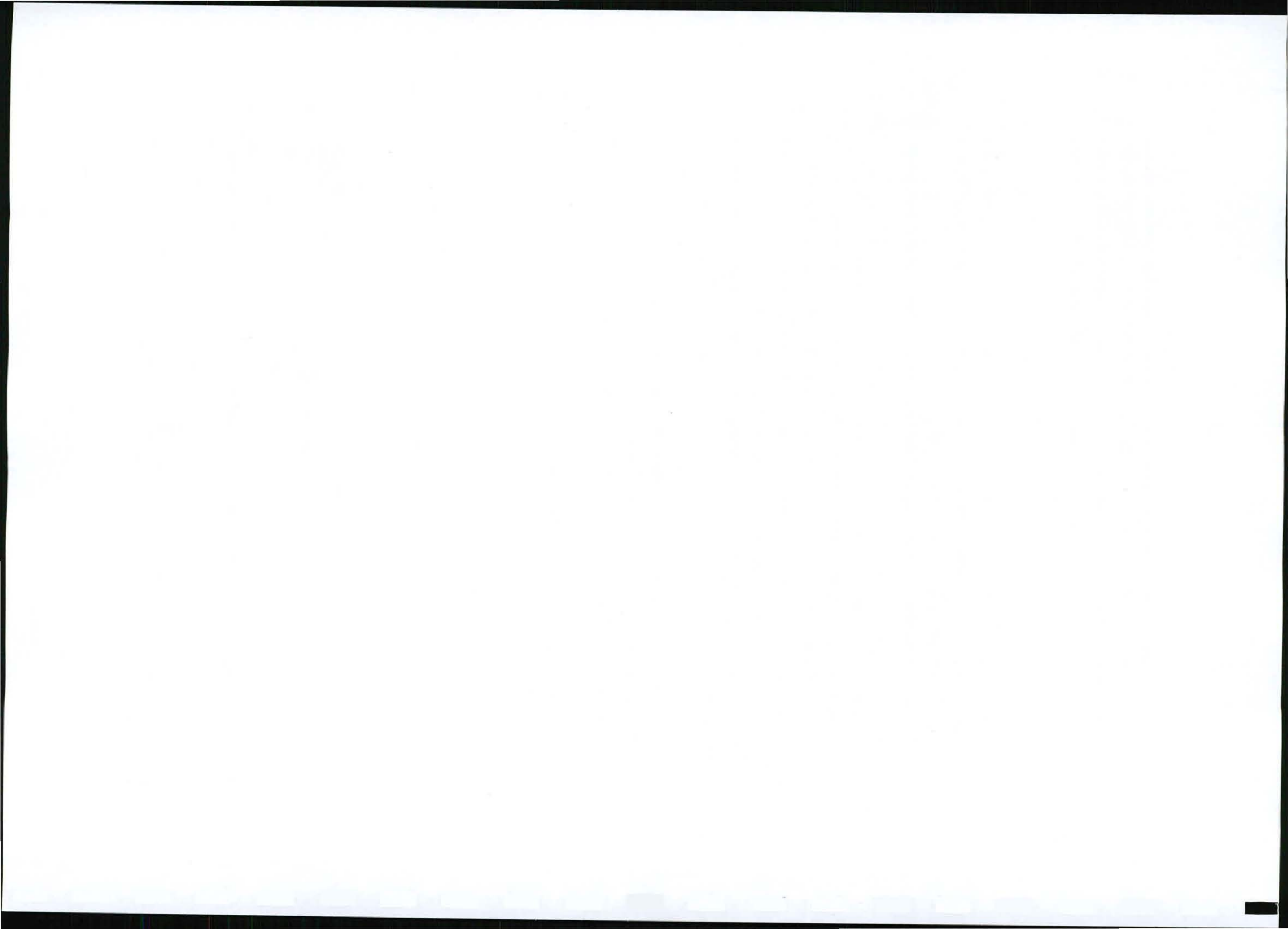
- All finds of human remains shall be reported to the nearest police station.
- Human remains from the graves of victims of conflict, or any burial ground or part thereof which contains such graves and any other graves that are deemed to be of cultural significance may not be destroyed, damaged, altered, exhumed or removed from their original positions without a permit from the South African Heritage and Resource Agency (SAHRA)
- Work in areas where artifacts are found shall cease immediately and SAHRA notified.
- Under no circumstances shall the Contractor, employees, subcontractors or subcontractors' employees remove, destroy or interfere with archaeological artifacts.
- Any person who causes intentional damage to archaeological or historical sites and/or artifacts could be penalized or legally prosecuted in terms of the national Heritage Resources Act 25 of 1999.
- A fence of at least 3m outside the extremities of the site shall be erected to protect archaeological sites.
- All known and identified archaeological sites shall be left untouched.
- Should fossils be encountered during excavations, they should be inspected, and if needed, carefully collected by an accredited palaeontologist, with adherent matrix where necessary. The site should be given a provisional reference number (*e.g.* marked on masking tape) and carefully packaged. It is essential that the locality where the fossil is found be accurately marked on a 1: 50 000 map or recorded by GPS.



- The fossils should be inspected by an accredited palaeontologist at the earliest opportunity. If the material is deemed to be of scientific value then it should be deposited in an approved repository (*e.g.* Albany Museum, Grahamstown or East London Museum). Other specimens of educational value may be donated for display purposes.

#### 14.8 Site Closure

- All infrastructure, equipment, plant, temporary housing and other items used during the mining period will be removed from the site in accordance with section 44 of the Mineral and Petroleum Resources Development Act, 2002.
- All waste shall be removed from site. It will not be permitted to be buried or burned on the site.
- All access roads or portions thereof, constructed by the holder and which will no longer be required by the landowner/tenant, shall be removed and/or rehabilitated in order to represent the former habitat. Access roads shall be rehabilitated as described in this EMP.
- Foreign materials, which may hamper the re-growth of the vegetation, must be removed prior to rehabilitation and disposed of at a licensed waste disposal site.
- Areas showing signs of erosion due to mining activities shall be suitably stabilized or rehabilitated.
- All ablution facilities shall be removed from site.
- All fences surrounding the construction site shall be removed.
- All signs relating to the mining activities shall be removed.
- All areas, devoid of vegetation or where solids have been compacted due to traffic, shall be scarified or ripped before rehabilitation to allow penetration of roots and water.
- Final rehabilitation shall be completed within a period specified by DME and should take cognizance of the season.



## 15 Monitoring & Performance of the EMP

In order to ensure that this Environmental Management Plan is effectively implemented, it is important that regular external audits of the Environmental Management Plan are conducted.

BESC has been appointed by SANRAL as the independent Environmental Control Officer (ECO) in order to oversee compliance with the EMP by undertaking monthly site inspections, quarterly audits and post construction site visits. The audits shall aim at addressing environmental issues identified on site and to provide recommendations through the audit reports.

Audit Reports shall be provided to SANRAL, the Engineer, and the Department of Minerals.

## 16 Environmental Objectives and Goals

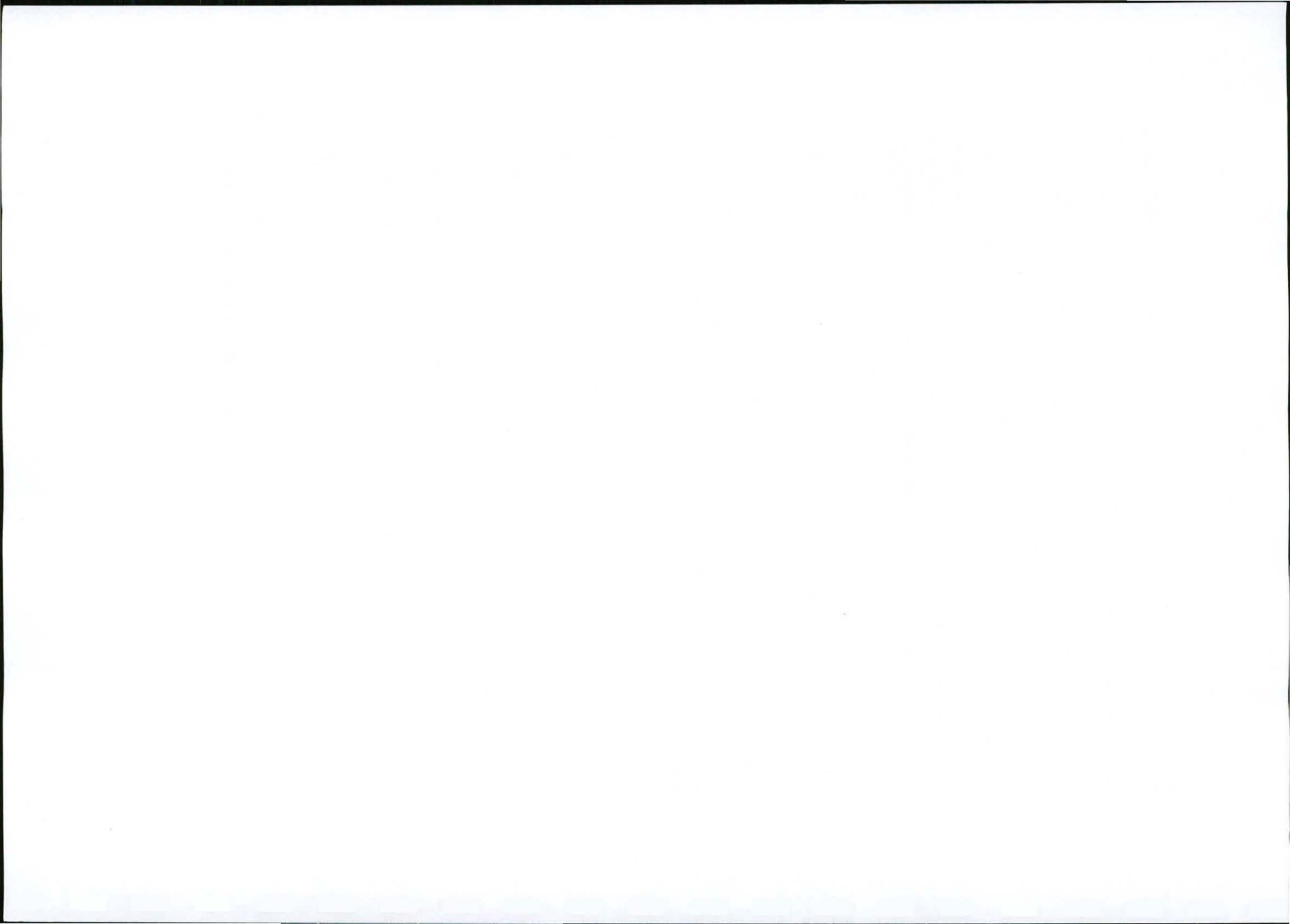
### 16.1 Mine Closure

The overall Environmental Objective for mine closure is as follows:

**To render the mining area in a safe and environmentally acceptable condition on completion of the mining, rehabilitation and closure activities.**

Specific Environmental Goals include:

- To return the mining area, as closely as possible, to its original condition and land use through the shaping and landscaping of the surface and through the establishment of an indigenous grass cover emulating the surrounding environment.
- To minimize the residual impacts through ensuring that erosion is controlled, the slopes are stable, the vegetation cover is established satisfactory and that the area is left in a condition which does not pose a safety hazard to humans, livestock and indigenous fauna.
- To minimize the visual impacts of the mine on closure by way of landscaping and the establishment of an indigenous grass cover emulating the surrounding environment
- To obtain the necessary Mine Closure Certificates from the Department of Minerals and Energy.





## 16.2 Socio-Economic Aspects

The specific objective related to the Socio-Economic aspects is as follows:

**To contribute significantly and meaningfully towards the economic and social development of the Sitebe Komkhulu & Viedgesville communities within the King Sabata Dalindyebo Local Municipality.**

Specific goals include:

- To maximize the benefits to the local economy through the provision of employment opportunities and support of local service providers and suppliers wherever possible.
- To institute a training programme for all staff members in order to improve skills development in the area.
- To improve the safety aspects of the road for road users and pedestrians.
- To encourage further economic development through exploring partnerships with local individuals and groups in the establishment of further beneficiation businesses.

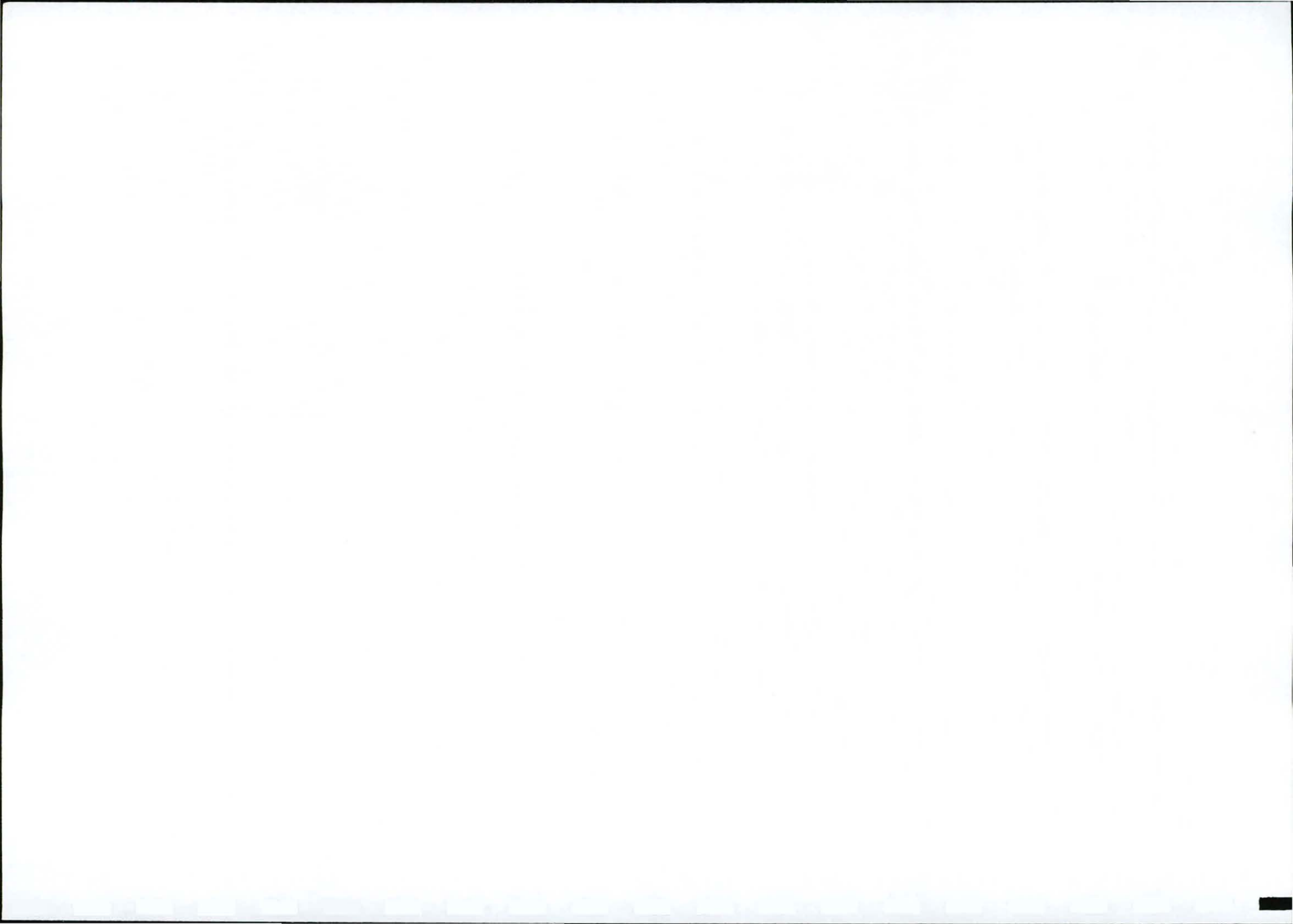
## 16.3 Archaeological, Palaeontological & Heritage Aspects

The specific objective related to the Archaeological, Palaeontological & Heritage Aspects is as follows:

**To identify, protect and preserve any sites of cultural, religious, palaeontological or archaeological significance.**

Specific goals include:

- To ensure that any identified sites are properly protected in accordance to the National Heritage Resources Act.
- To ensure that any further sites that may be discovered are identified timeously and protected in accordance to the National Heritage Resources Act.



## 17 Public Participation Process

The public participation process for the mineral resources was held in conjunction with the public participation process for the environmental authorization of the road improvement.

### 17.1 Advertisement

- A legal advertisement was placed in The Daily Dispatch on February 25, 2010, allowing Interested & Affected Parties (I&AP's) to register for this process and to submit any issues/concerns they might have regarding this proposal.
- A signboard was erected at each end of the proposed section to be upgraded next to the N2, on February 22, 2010, in order to notify the surrounding community, surrounding landowners and passers-by of this Environmental Impact Assessment.
- Notices and Background Information Documents were sent to the relevant departments and Key I&AP's on March 01, 2010, in order to notify them of this Environmental Impact Assessment:

Table 7: List of Key I&AP's.

Person	Organization
Mr Qondile Paliso	DEDEA
Makwabasa Ntombethu	DWAF - Mthatha
Ms. Lizna Fourie	DWAF - Water Use Licensing
Ms. Mariagrazia Galimberti	South African Heritage Resources Agency
Mr. Tom	King Sabata Dalindyebo LM: Municipal Manager
Mr. Zukani Maxwene	King Sabata Dalindyebo LM: Director of Infrastructure & Engineering
Ms. Hilda Bungqu	King Sabata Dalindyebo LM: Ward 19 Cllr
Ms. Nomhle Maduibi	King Sabata Dalindyebo LM: Ward 32 Cllr
Ms. Deirdre Watkins	Department of Minerals & Energy

- A Public Meeting was held with the Sitebe Komkhulu/Qunu Community on April 28, 2010. The purpose of the meeting was to inform the community about the project by way of a presentation and to get consent from the community representative. The attendance register is attached under **Appendix**.
- A Public Meeting was held with the Viedgesville Community on April 29, 2010. The purpose of the meeting was to inform the community about the project by way of a presentation and to get consent from the community representative. The attendance register is attached under **Appendix**

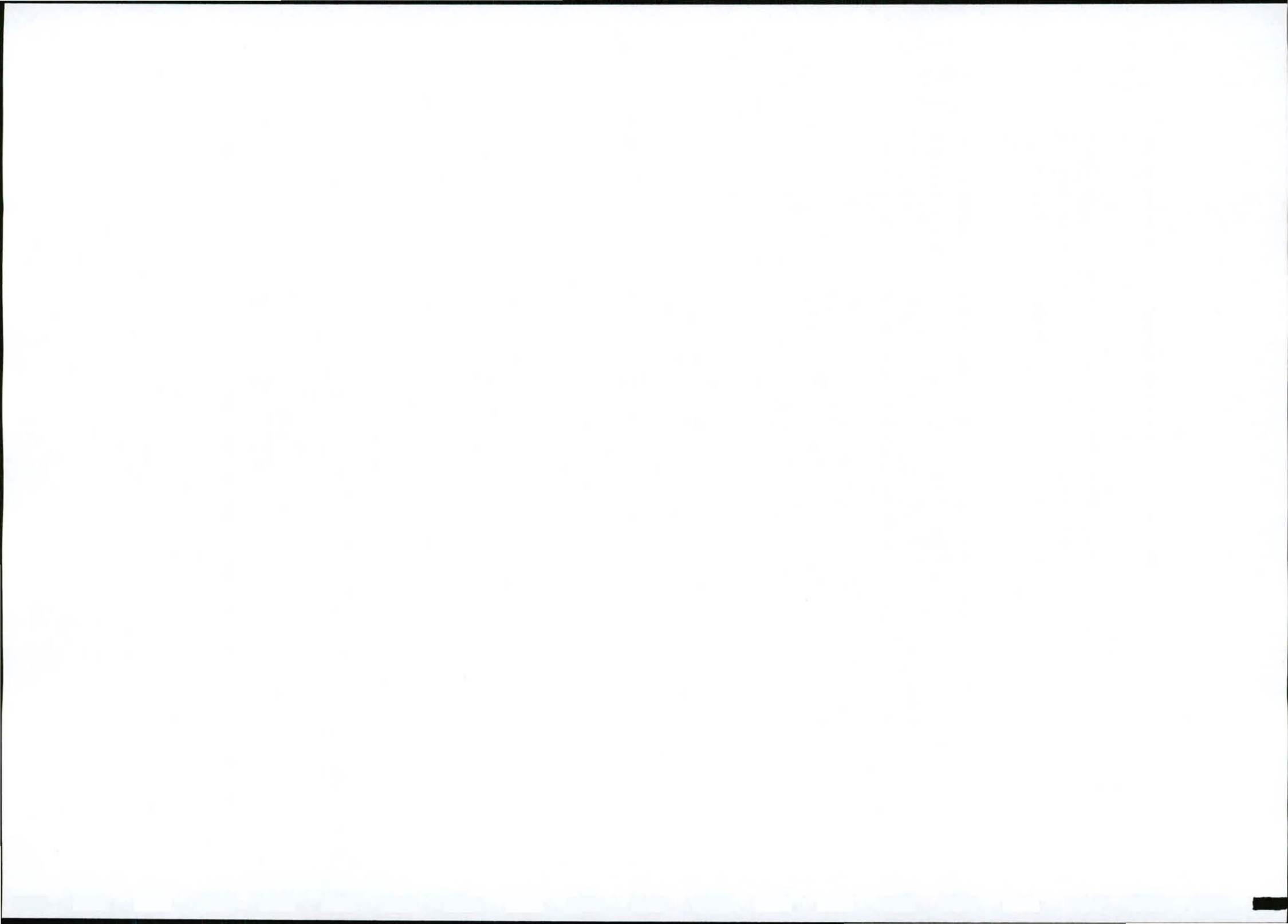


## 17.2 Interested & Affected Parties

The term Interested and Affected Party (I&AP) refers to individuals or groups concerned with or affected by an activity and its consequences. These include the authorities, local communities, investors, work force, customers and consumers, environmental interest groups and the general public.

I&AP's are responsible to:

- Provide input and comments during various stages of the EIA process. Comments should aim to identify issues and alternatives to be considered and assist in assessing and mitigating impacts.
- Provide input and comments within the specified timeframes as specified by the consultant and the relevant authority.

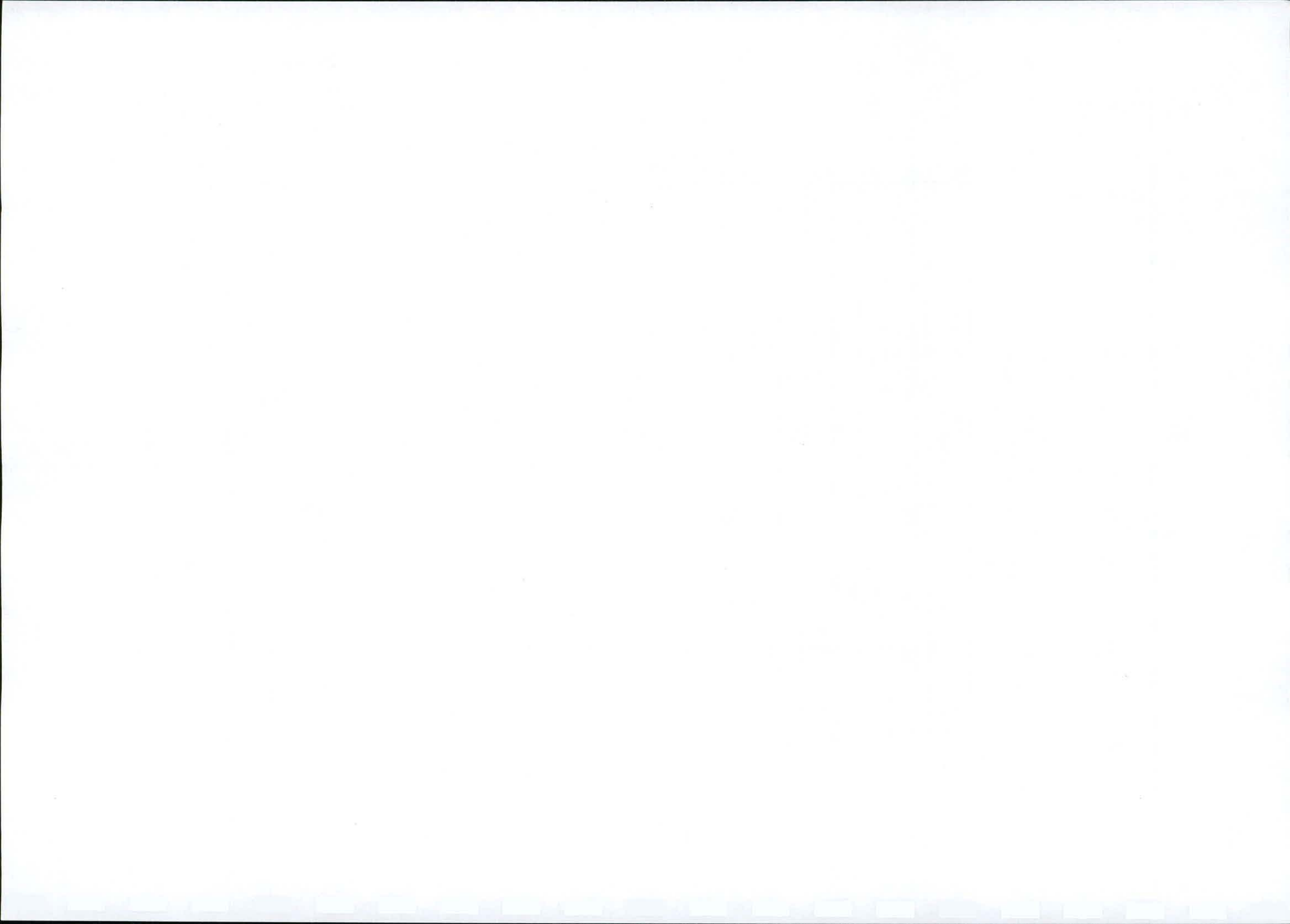


## 18 Appendix A: Mining Plans - Borrow Pits

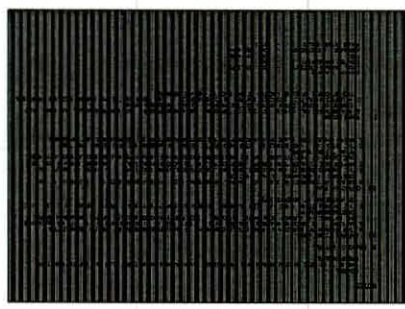
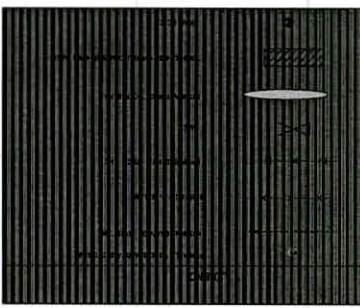
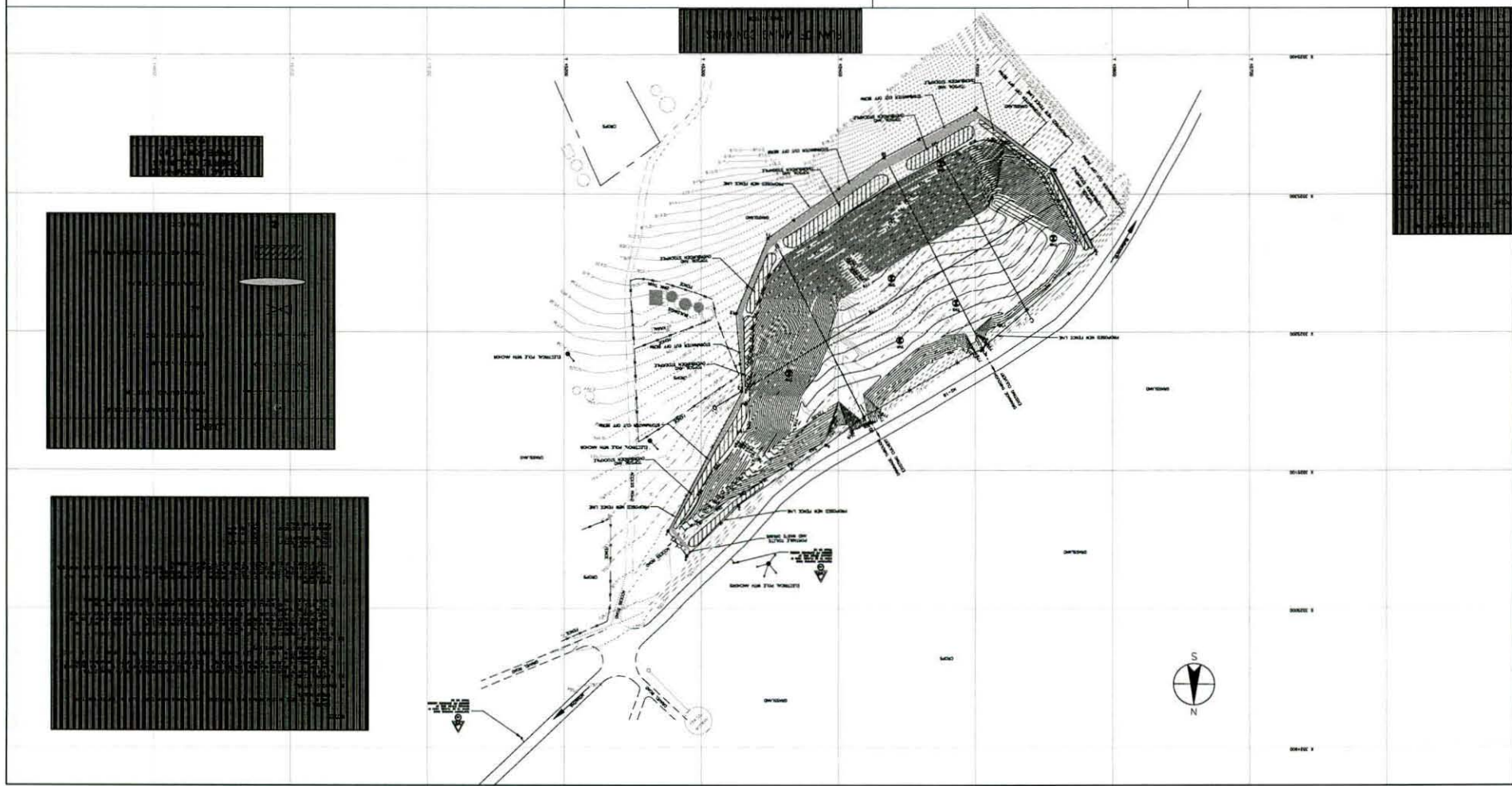
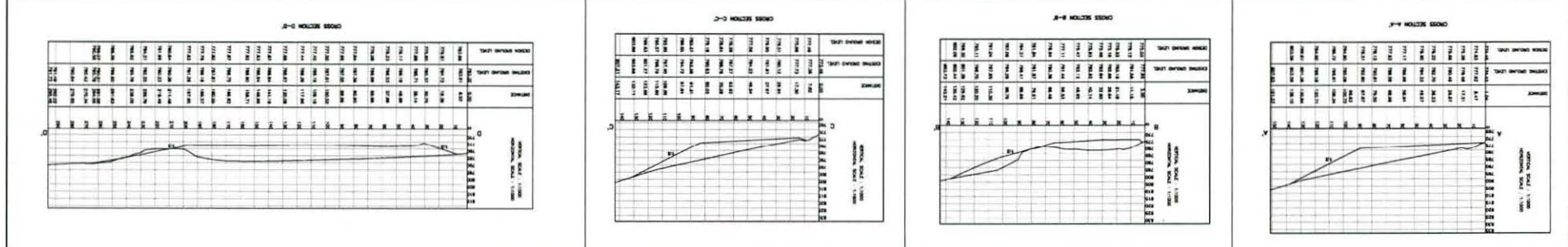
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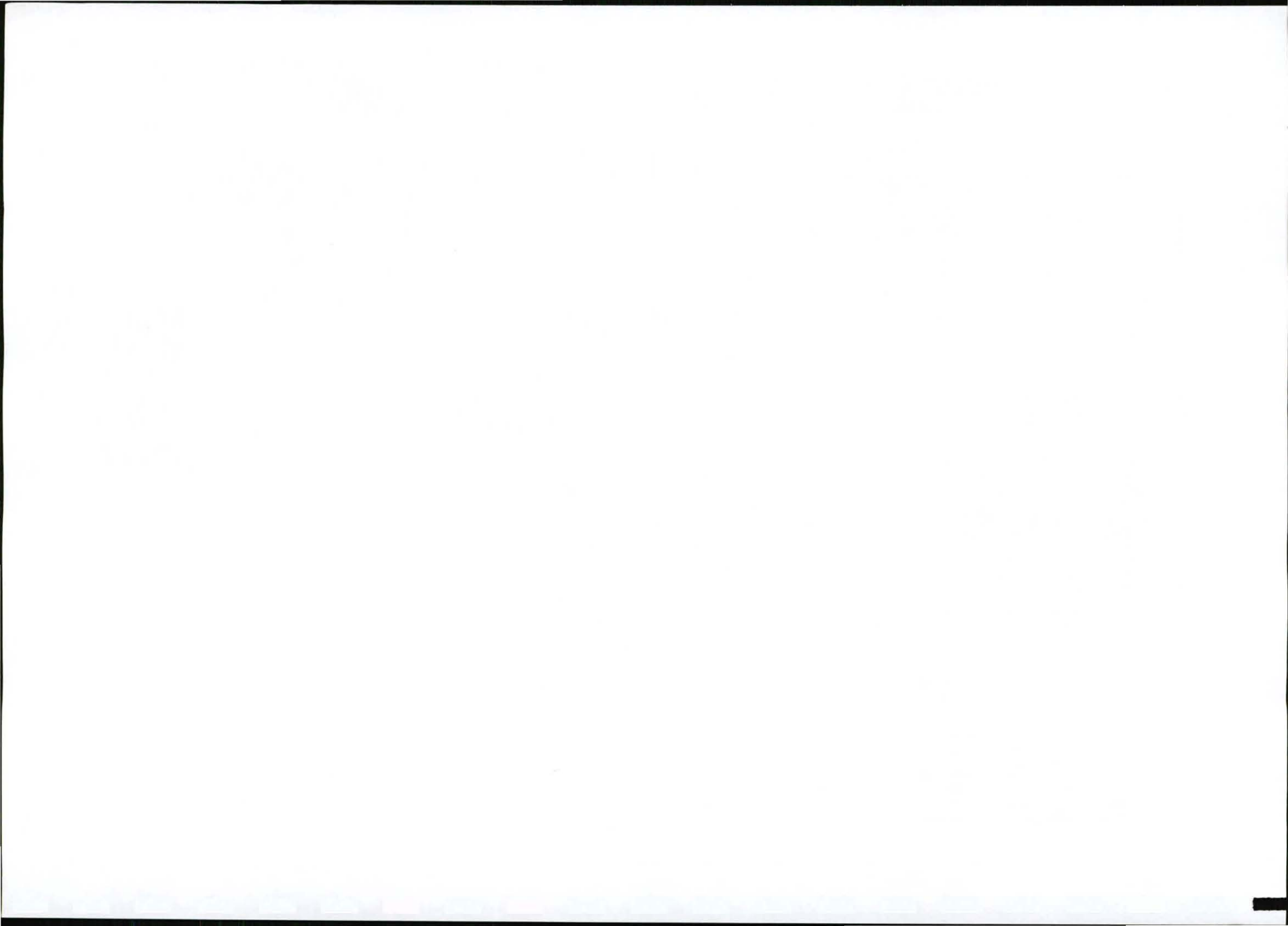
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BP 08 - Mining Plan	

Hardcopy/Paper Version - See overleaf









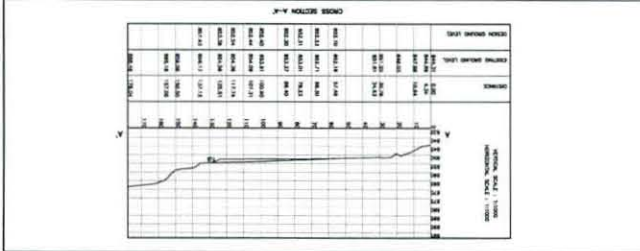
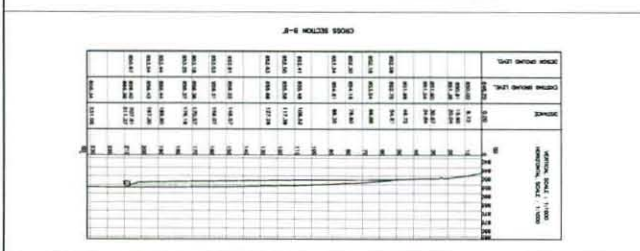
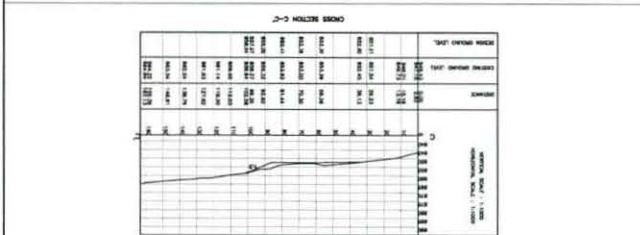
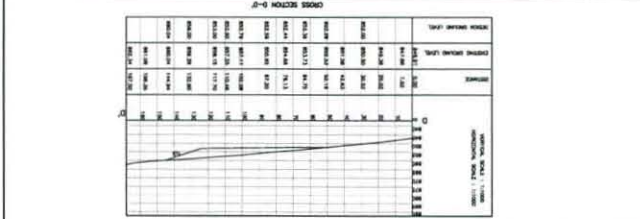
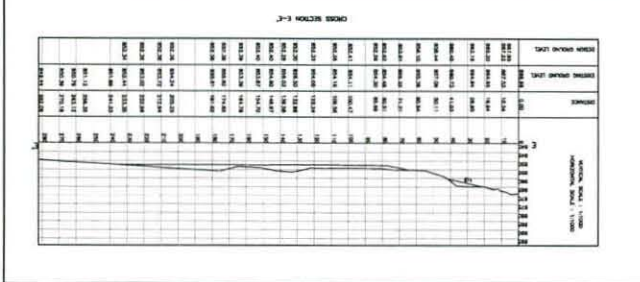
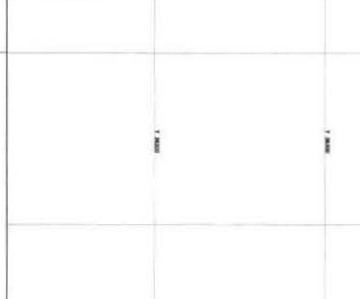
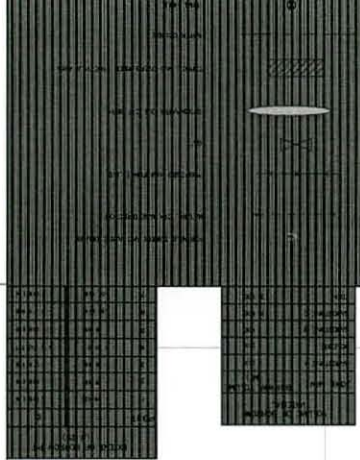
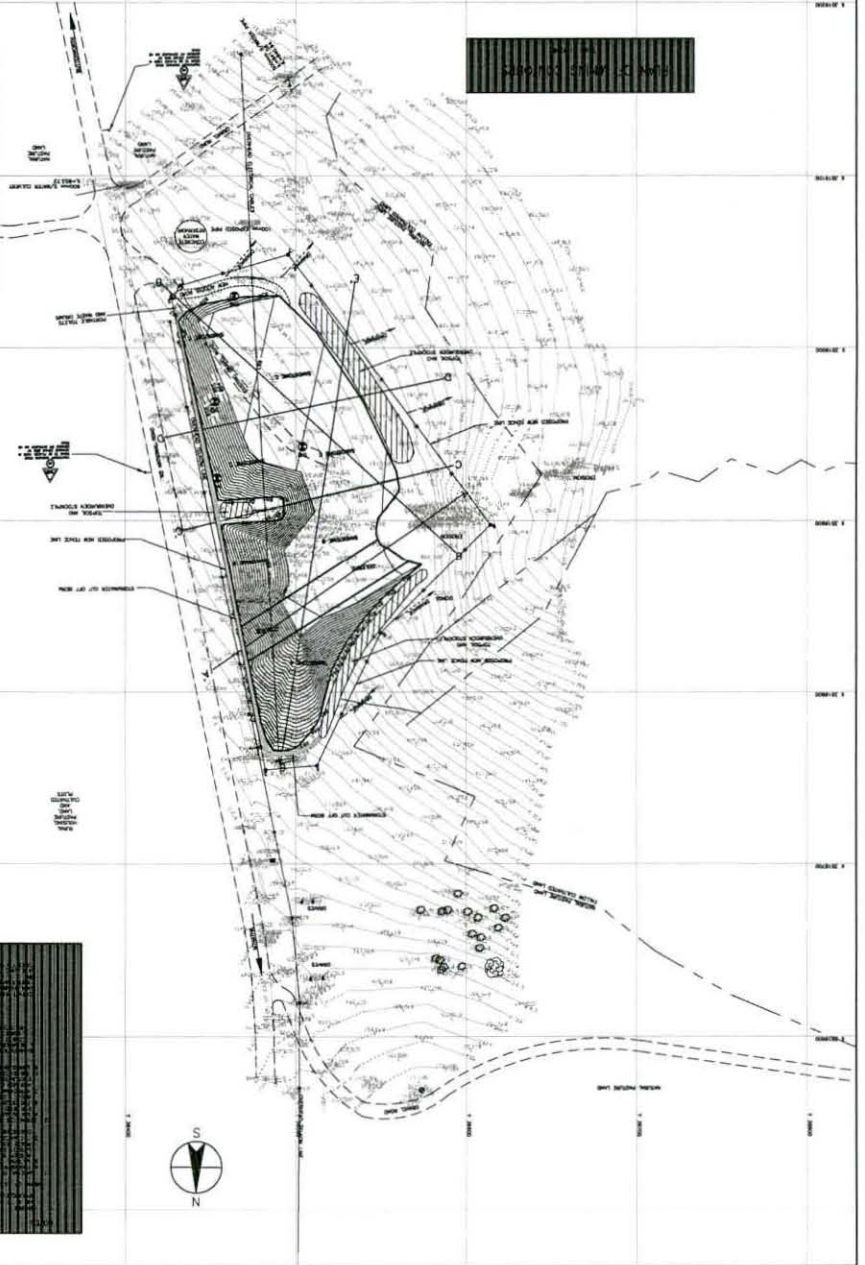
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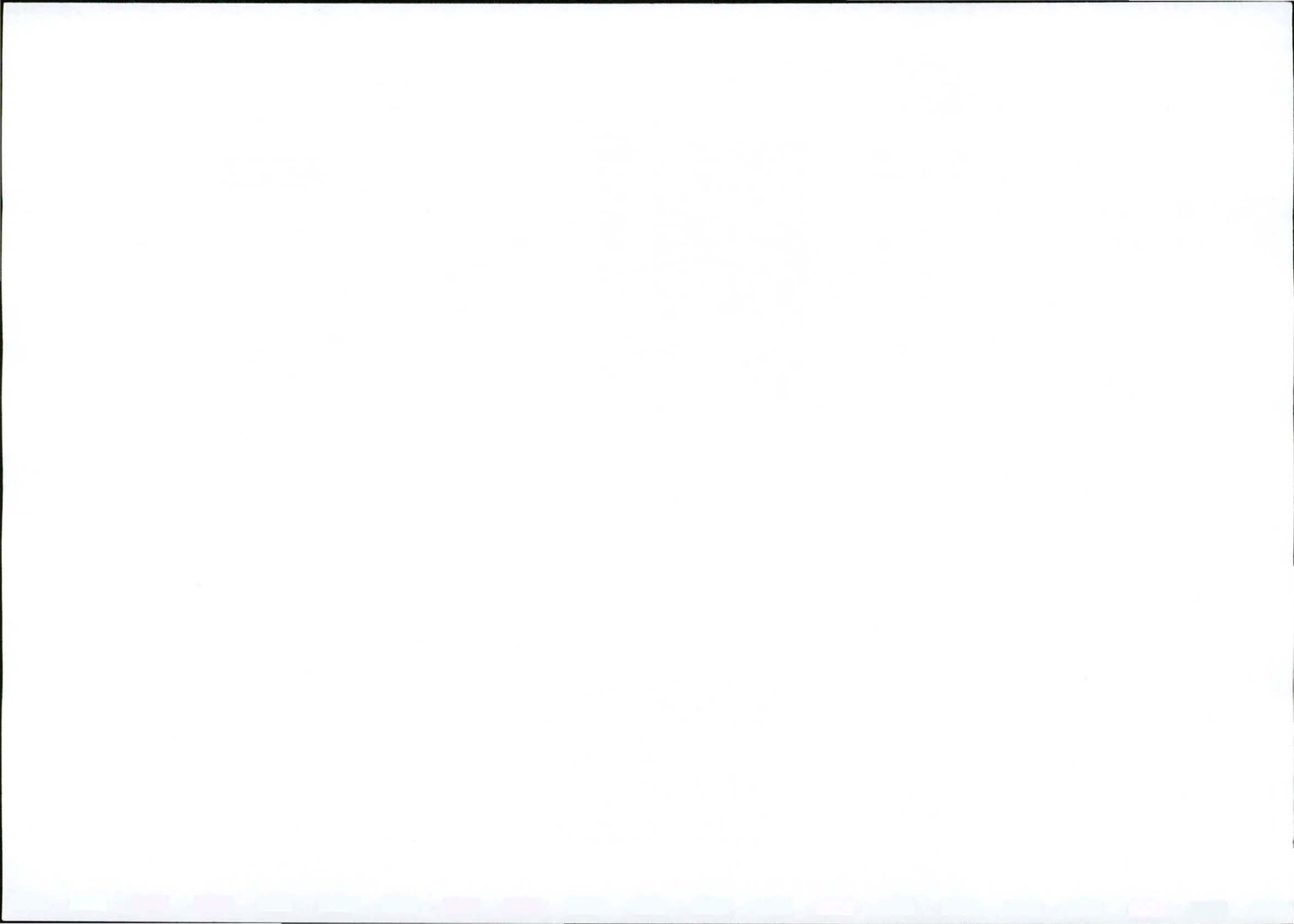
**durecon**  
 Cape Town  
 14000 Century City, Cape Town, South Africa  
 Tel: +27 21 528 9000  
 Email: CapeTown@durecon.com

**PROJECT DESCRIPTION**  
 THE IMPROVEMENT OF NATIONAL ROUTE 2 SECTION 18 BETWEEN BRITISH KOPPEL AND WESSELVILLE  
 BORROW PIT 3 AT KM 83.000-2.1

**PROJECT NUMBER**  
 MOD-18-002-01

PROJECT NUMBER	PROJECT DESCRIPTION	DATE	SCALE	PROJECT NO.
MOD-18-002-01	THE IMPROVEMENT OF NATIONAL ROUTE 2 SECTION 18 BETWEEN BRITISH KOPPEL AND WESSELVILLE	2018	1:1000	18





NO.	DATE	REVISION

CONSULT  
FHA

**surecon**  
Cape Town  
161-27-21-0000  
161-27-21-0000

Amort Cape, Cape Town  
Cape Town, Cape Town  
Email: [info@surecon.com](mailto:info@surecon.com)



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1155 RIVERVIEW ROAD  
RIVERVIEW  
2129

**REGIONAL OFFICES:**  
100 WILSON ROAD  
CENTRAL  
2001

**PROJECT OFFICE:**  
100 WILSON ROAD  
CENTRAL  
2001

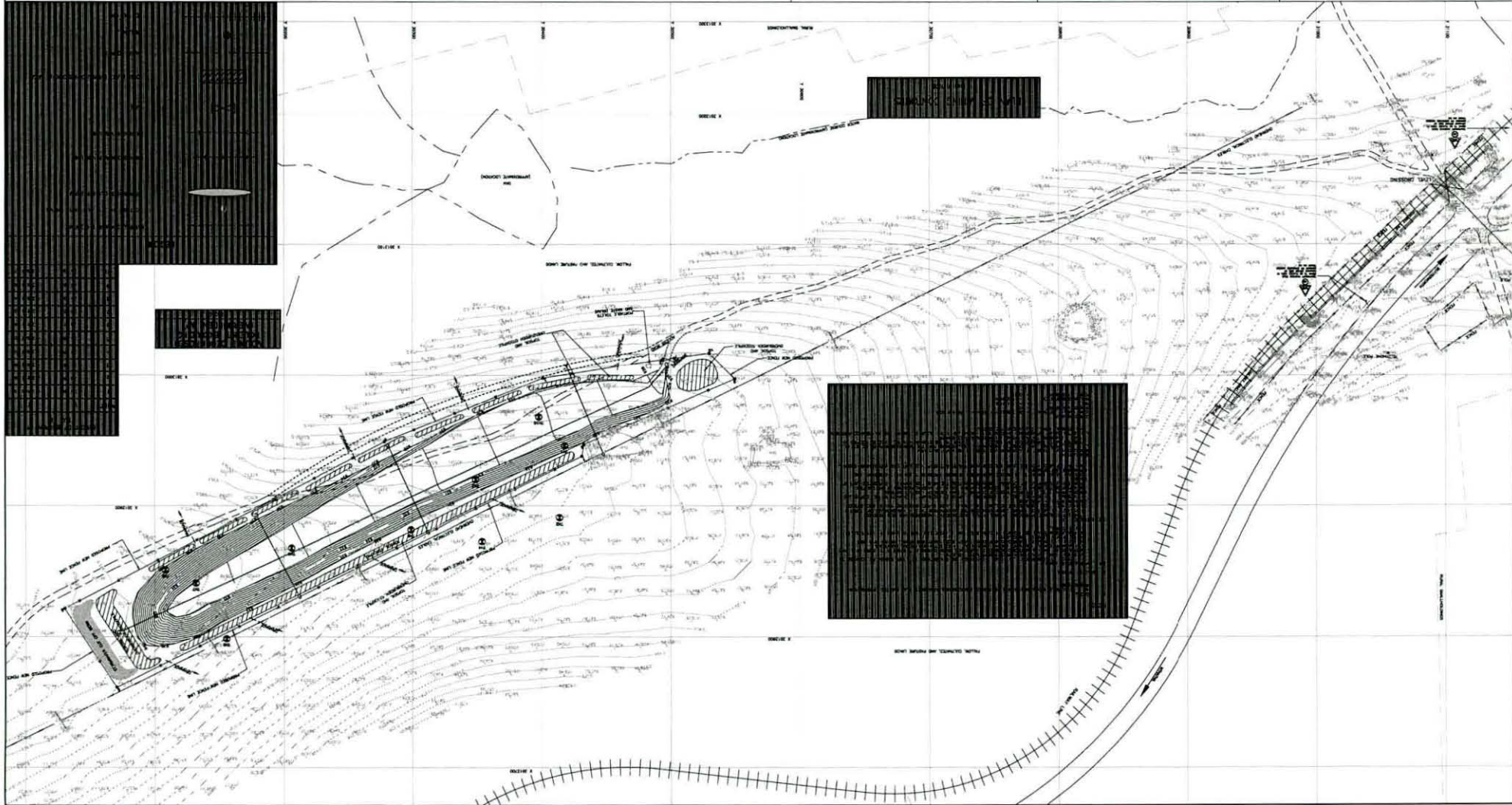
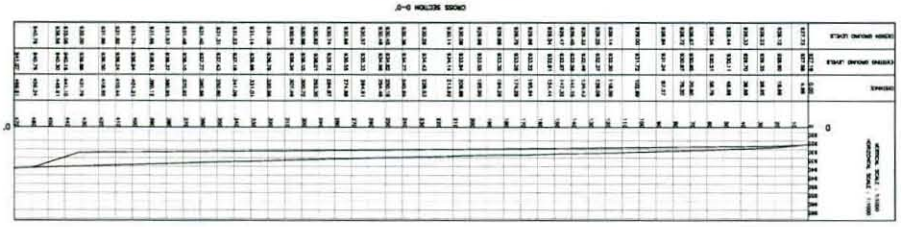
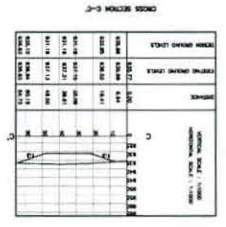
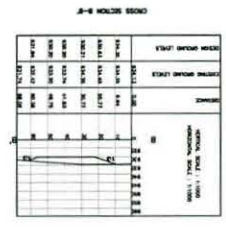
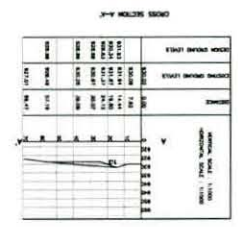
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SECTION 18

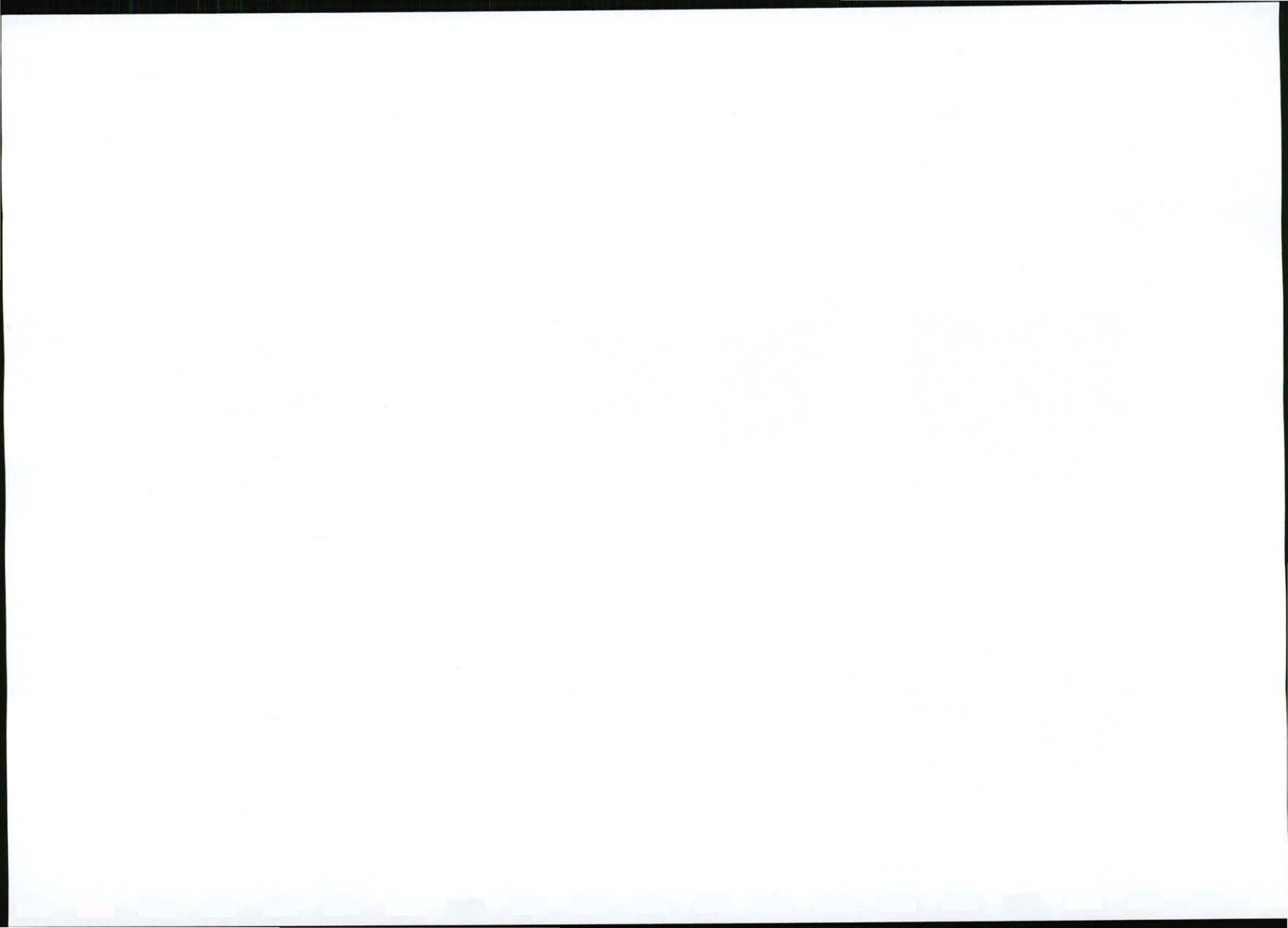
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NO.	DATE	REVISION

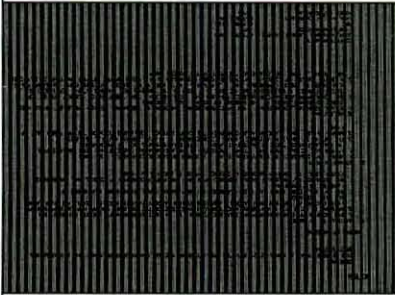
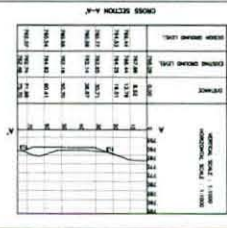
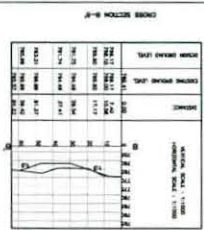
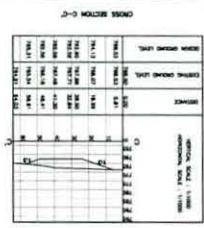
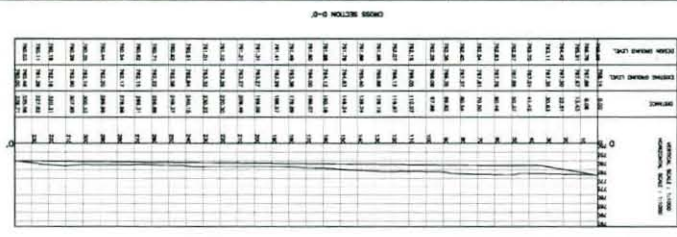
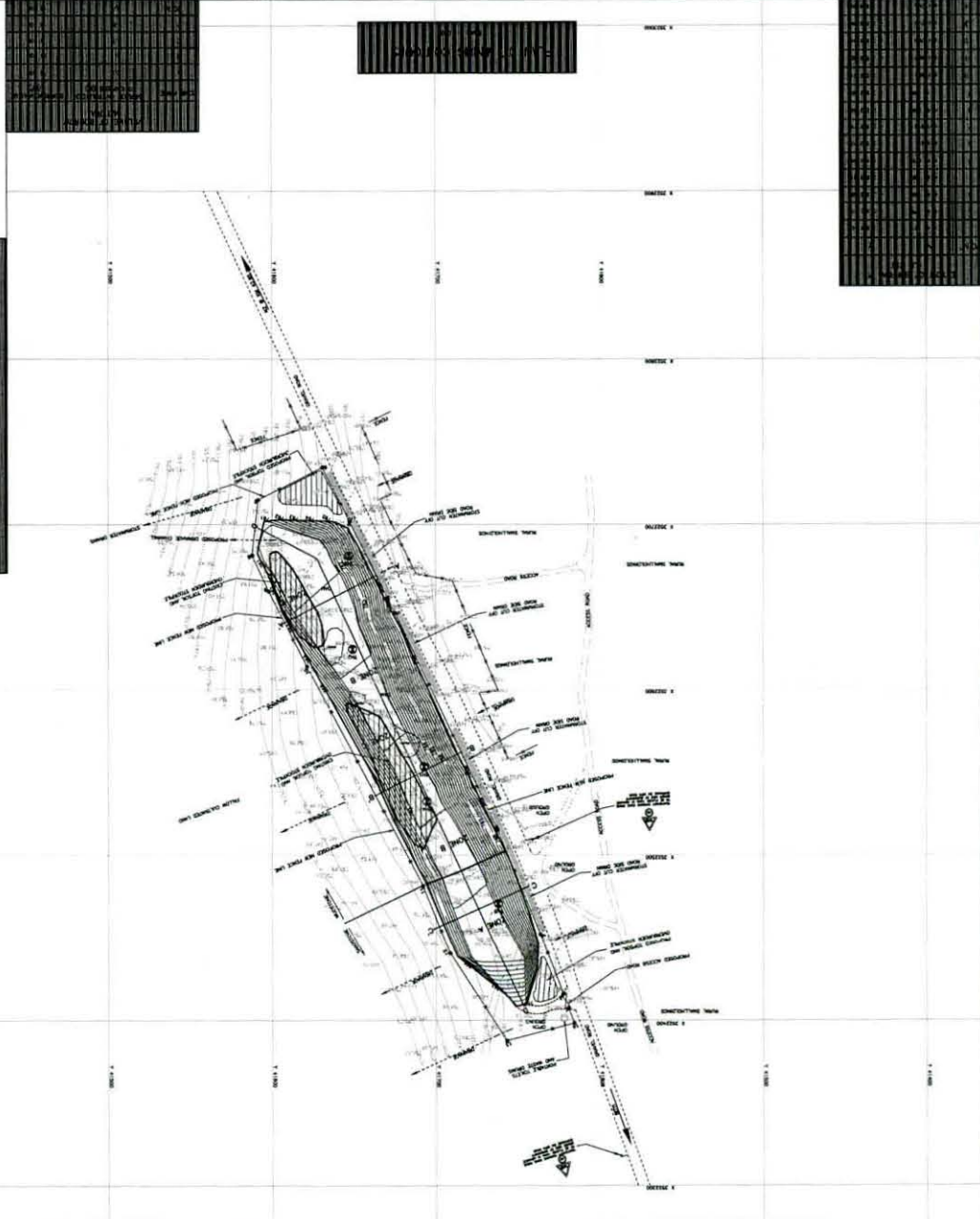
**surecon**  
 Cape Town  
 African Centre, Century Park  
 Century Gardens, Century City, 7441  
 Tel: 27 21 528 5900 Fax: 27 21 528 5905  
 Email: CapeT@surecon.co.za

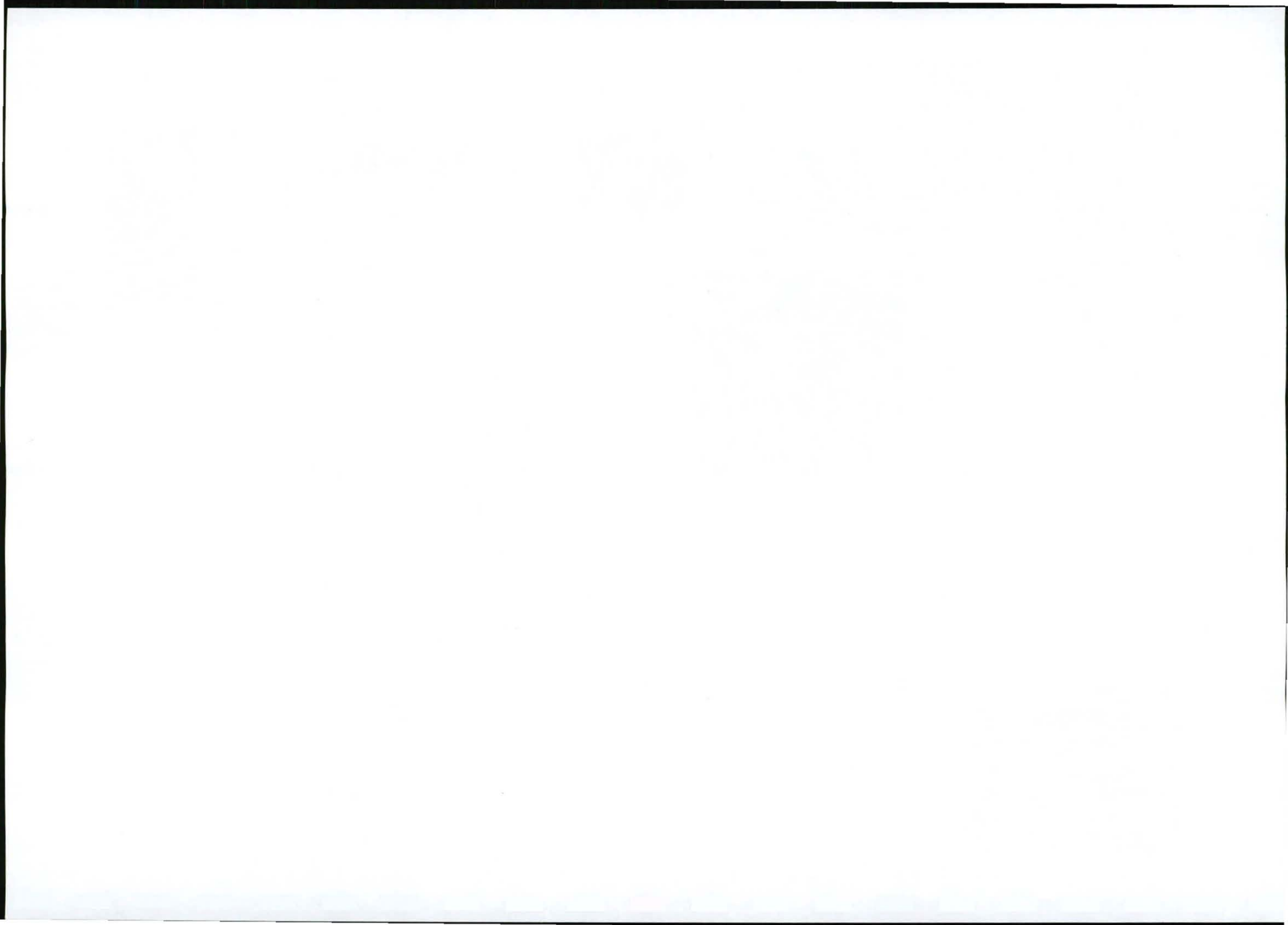
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 SHEET NO: 1000-16-00001-01  
 PROJECT DESCRIPTION: THE IMPROVEMENT OF NATIONAL ROUTE 1 SECTION 18 BETWEEN STRIENH KROMMELI AND WEGBOESVELL  
 BORROW PIT & AT 48.8272 KM



THE SOUTH AFRICAN REPUBLIC  
 DEPARTMENT OF TRANSPORT AND PUBLIC WORKS  
 NATIONAL ROUTE 1 SECTION 18  
 BETWEEN STRIENH KROMMELI AND WEGBOESVELL  
 BORROW PIT & AT 48.8272 KM

PROJECT NUMBER	CHANGING LOCATION DATA	SECTION	START	END
1000-16-00001				





NO. DATE	REVISION
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3. 03. 2023	
4. 04. 2023	
5. 05. 2023	
6. 06. 2023	
7. 07. 2023	
8. 08. 2023	
9. 09. 2023	
10. 10. 2023	
11. 11. 2023	
12. 12. 2023	
CONSULT	
ENR	

Aareon Centre, Century City, 1411  
 Century Boulevard, Century City, 1411  
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 T: +27 21 528 9800  
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**arecon**  
**Cape Town**

17 WOODMEAD AVENUE, WOODMEAD  
 7800 CAPE TOWN  
 TEL: (021) 528 9800

CIVIL ENGINEERING  
 ARCHITECTURE  
 PLANNING  
 LANDSCAPE ARCHITECTURE  
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 MECHANICAL ENGINEERING  
 ELECTRICAL ENGINEERING  
 WATER ENGINEERING  
 GEOTECHNICAL ENGINEERING  
 TRAFFIC ENGINEERING  
 ENVIRONMENTAL ENGINEERING  
 COST ESTIMATION  
 PROJECT MANAGEMENT  
 ASSET MANAGEMENT  
 OPERATIONS & MAINTENANCE

ENGINEER: **DR. J. VAN ZYL**  
 PROJECT MANAGER: **MR. M. VAN ZYL**  
 DRAWN BY: **MR. M. VAN ZYL**  
 CHECKED BY: **MR. M. VAN ZYL**  
 DATE: **01/01/2023**

**PROJECT DESCRIPTION**  
 THE RECONSTRUCTION OF NATIONAL ROUTE 2 SECTION 18  
 BETWEEN WITBOS BOMBAARDMENT AND VERMORALE  
 BOSSCHMANN PT DEVELOPMENT PLAN  
 BOSSCHMANN PT PLAN 8 AT RM 5230002(M)

**PROJECT NUMBER**  
 M02-18-2023A

**SCALE**  
 1:1000

**DATE**  
 01/01/2023

**PROJECT MANAGER**  
 M. VAN ZYL

**DESIGNED BY**  
 J. VAN ZYL

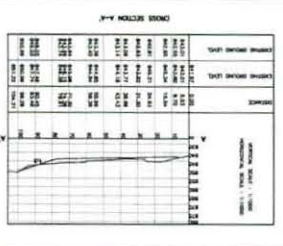
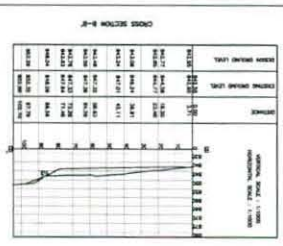
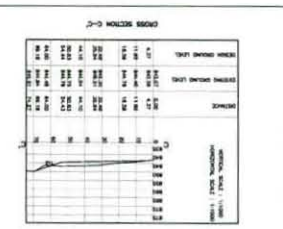
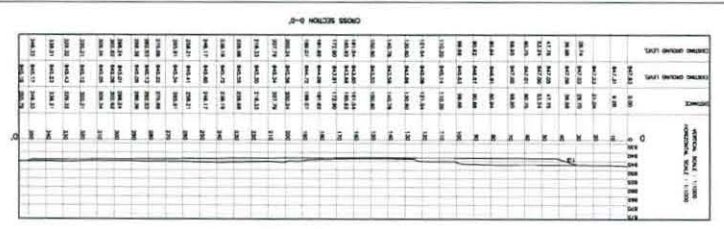
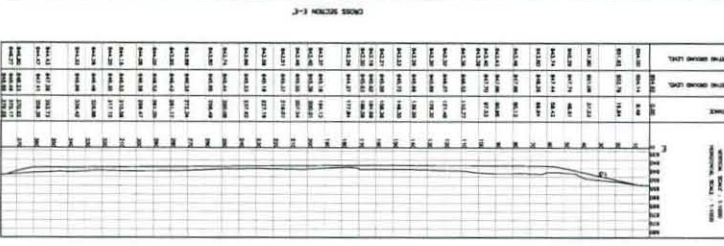
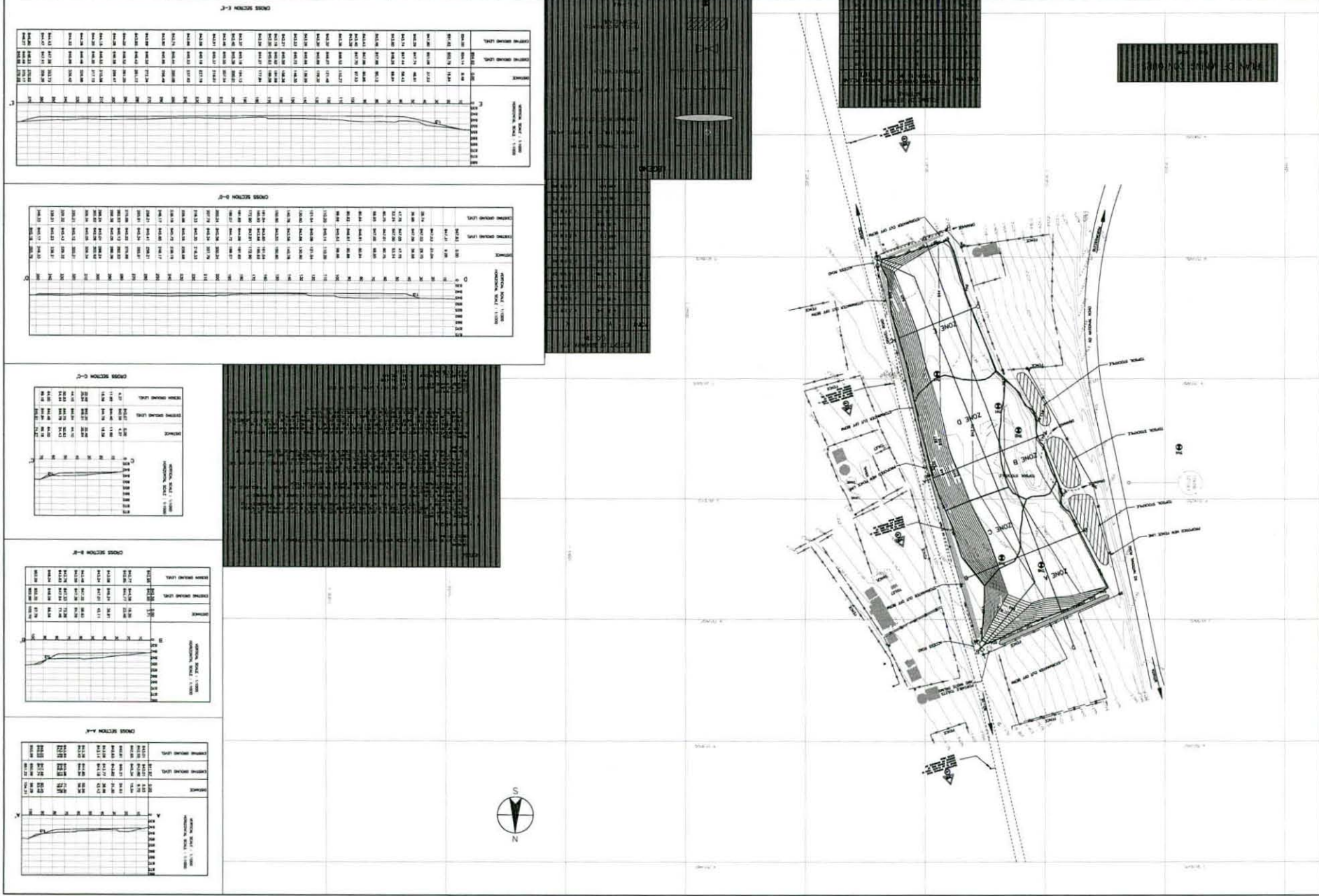
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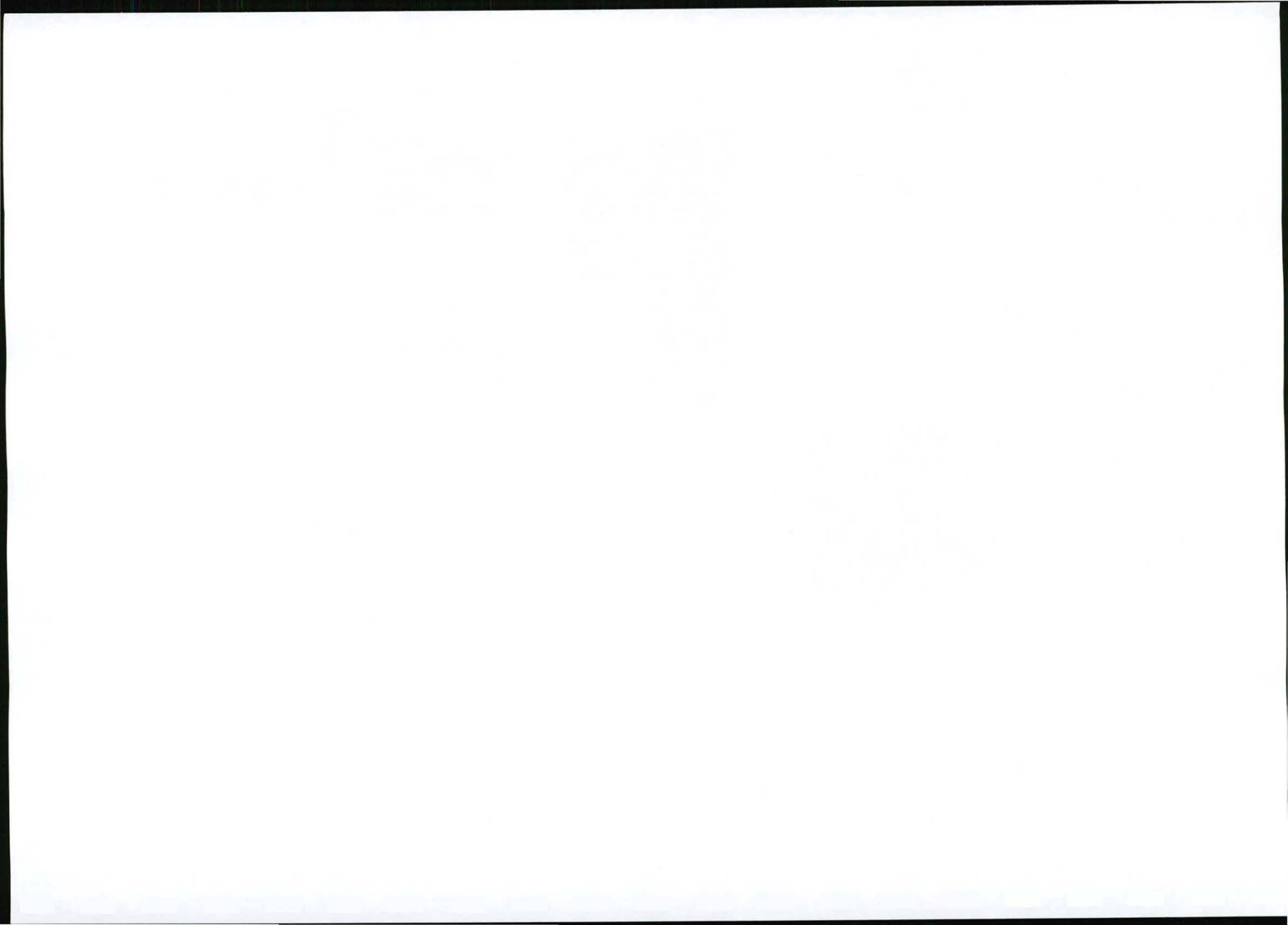
**DATE**  
 01/01/2023

**CLIENT**  
 SAHARIN GROUP

**LOCATION**  
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 BETWEEN WITBOS BOMBAARDMENT AND VERMORALE  
 BOSSCHMANN PT DEVELOPMENT PLAN  
 BOSSCHMANN PT PLAN 8 AT RM 5230002(M)

**CONTRACT NO.**  
 M02-18-2023A





NO.	DATE	REVISION

**durecon**  
 Cape Town  
 Avonlea Drive, Century City 7941  
 Tel: +27 21 526 900  
 Email: CapeTown@durecon.com

**PROJECT DESCRIPTION**  
 THE IMPROVEMENT OF NATIONAL ROUTE 2 SECTION 18 BETWEEN RIVERSIDE CHANNELS AND BORDOWAY  
 BORDOWAY PI 7 AT KM 13,800/14

**PROJECT NUMBER**  
 H023-18-20071

**CLIENT**  
 NATIONAL ROUTE 2 SECTION 18

**DATE**  
 2007

**SCALE**  
 1:1000

**DRAWN BY**  
 [Name]

**CHECKED BY**  
 [Name]

**DATE**  
 2007

PROJECT DESCRIPTION	PROJECT NUMBER	CLIENT	DATE	SCALE	DRAWN BY	CHECKED BY	DATE
THE IMPROVEMENT OF NATIONAL ROUTE 2 SECTION 18 BETWEEN RIVERSIDE CHANNELS AND BORDOWAY	H023-18-20071	NATIONAL ROUTE 2 SECTION 18	2007	1:1000	[Name]	[Name]	2007



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1+50	100.00	100.00	0.00
1+60	100.00	100.00	0.00
1+70	100.00	100.00	0.00
1+80	100.00	100.00	0.00
1+90	100.00	100.00	0.00
2+00	100.00	100.00	0.00

**CROSS SECTION B-B**

STATION	EXISTING FINISH	PROPOSED FINISH	DEPTH
1+00	100.00	100.00	0.00
1+10	100.00	100.00	0.00
1+20	100.00	100.00	0.00
1+30	100.00	100.00	0.00
1+40	100.00	100.00	0.00
1+50	100.00	100.00	0.00
1+60	100.00	100.00	0.00
1+70	100.00	100.00	0.00
1+80	100.00	100.00	0.00
1+90	100.00	100.00	0.00
2+00	100.00	100.00	0.00

**CROSS SECTION C-C**

STATION	EXISTING FINISH	PROPOSED FINISH	DEPTH
1+00	100.00	100.00	0.00
1+10	100.00	100.00	0.00
1+20	100.00	100.00	0.00
1+30	100.00	100.00	0.00
1+40	100.00	100.00	0.00
1+50	100.00	100.00	0.00
1+60	100.00	100.00	0.00
1+70	100.00	100.00	0.00
1+80	100.00	100.00	0.00
1+90	100.00	100.00	0.00
2+00	100.00	100.00	0.00

**CROSS SECTION D-D**

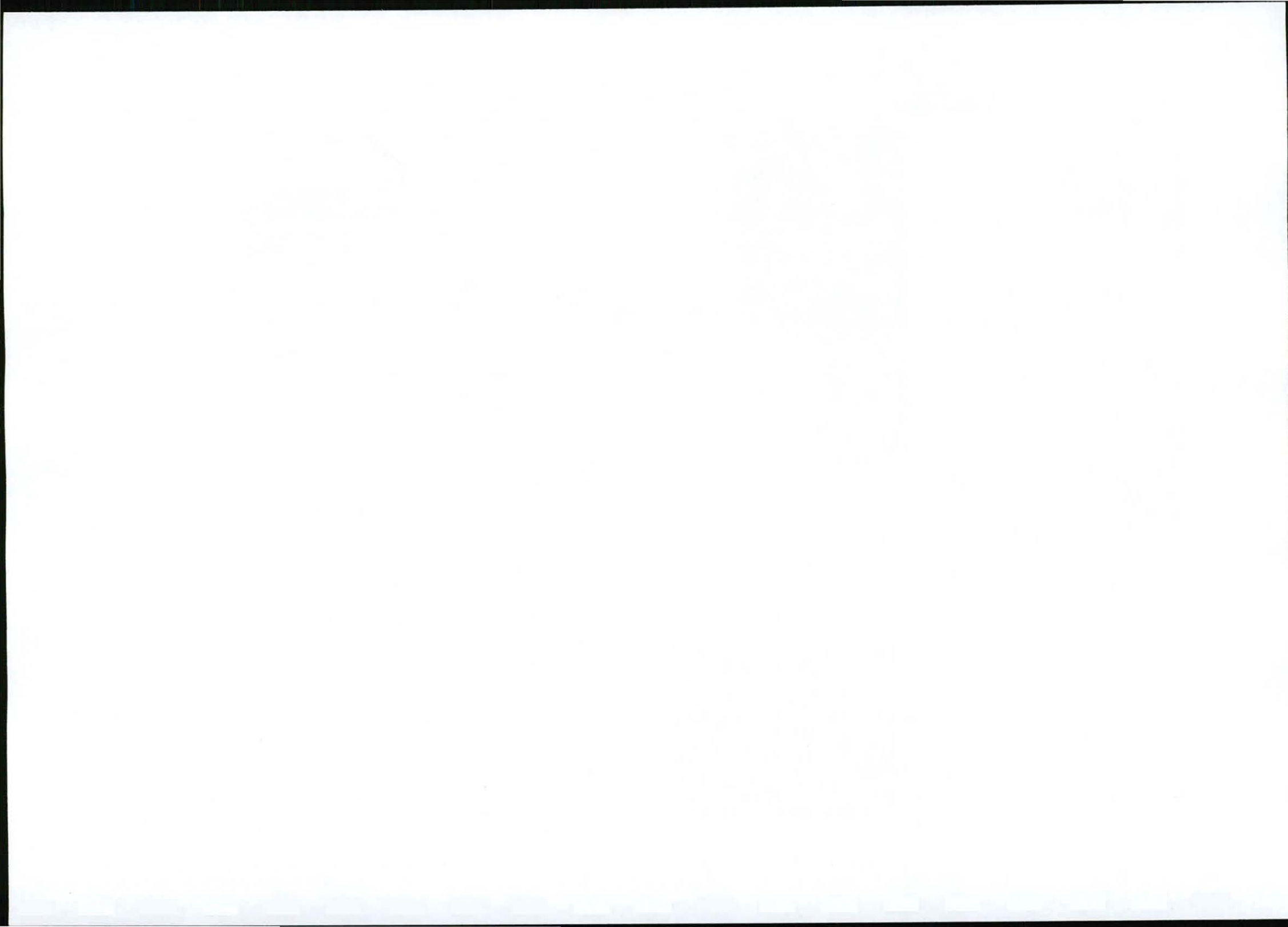
STATION	EXISTING FINISH	PROPOSED FINISH	DEPTH
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1+10	100.00	100.00	0.00
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1+30	100.00	100.00	0.00
1+40	100.00	100.00	0.00
1+50	100.00	100.00	0.00
1+60	100.00	100.00	0.00
1+70	100.00	100.00	0.00
1+80	100.00	100.00	0.00
1+90	100.00	100.00	0.00
2+00	100.00	100.00	0.00

**CROSS SECTION E-E**

STATION	EXISTING FINISH	PROPOSED FINISH	DEPTH
1+00	100.00	100.00	0.00
1+10	100.00	100.00	0.00
1+20	100.00	100.00	0.00
1+30	100.00	100.00	0.00
1+40	100.00	100.00	0.00
1+50	100.00	100.00	0.00
1+60	100.00	100.00	0.00
1+70	100.00	100.00	0.00
1+80	100.00	100.00	0.00
1+90	100.00	100.00	0.00
2+00	100.00	100.00	0.00

**CROSS SECTION F-F**

STATION	EXISTING FINISH	PROPOSED FINISH	DEPTH
1+00	100.00	100.00	0.00
1+10	100.00	100.00	0.00
1+20	100.00	100.00	0.00
1+30	100.00	100.00	0.00
1+40	100.00	100.00	0.00
1+50	100.00	100.00	0.00
1+60	100.00	100.00	0.00
1+70	100.00	100.00	0.00
1+80	100.00	100.00	0.00
1+90	100.00	100.00	0.00
2+00	100.00	100.00	0.00



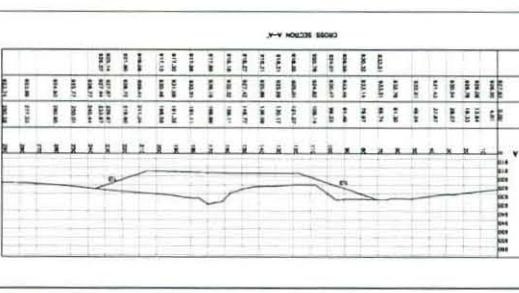
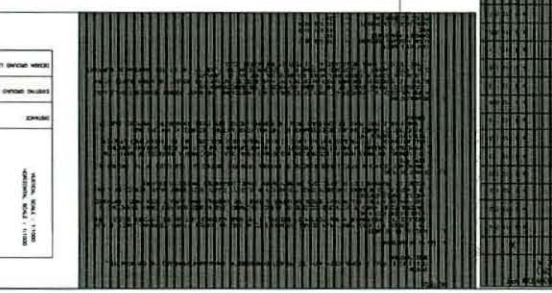
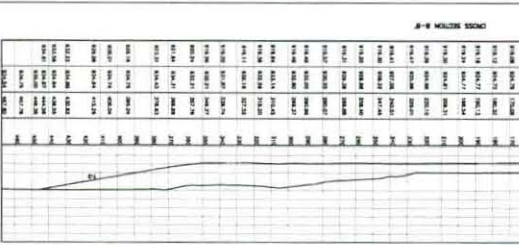
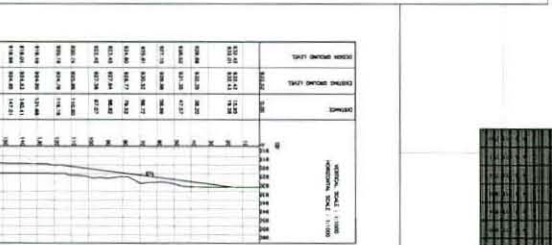
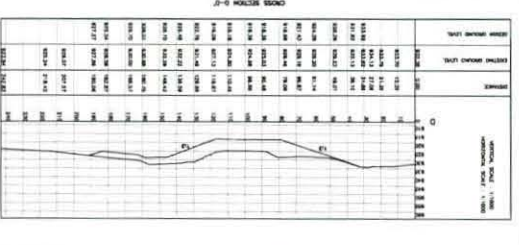
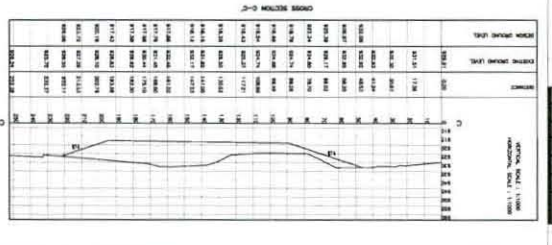
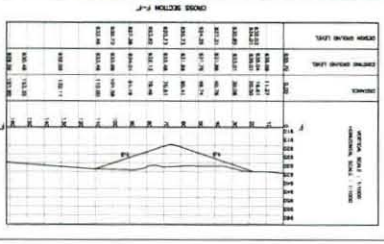
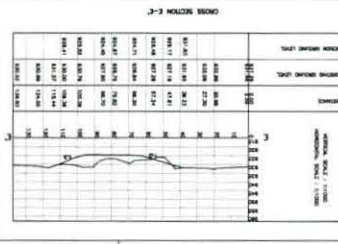
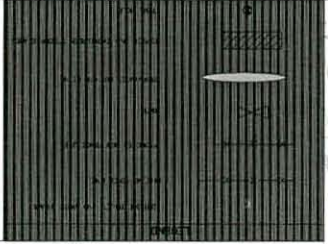
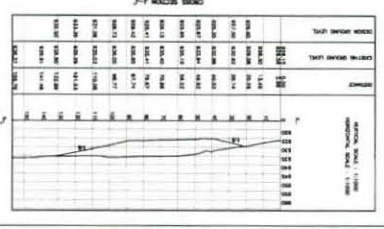
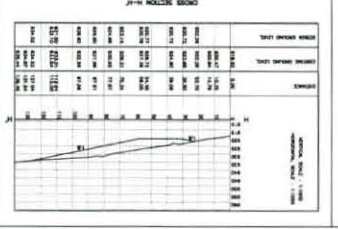
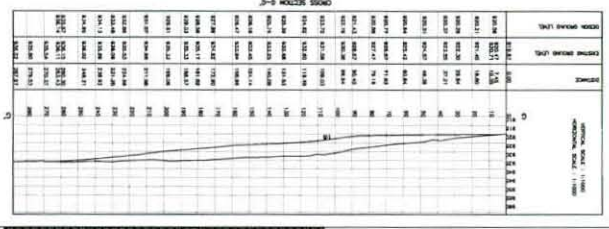
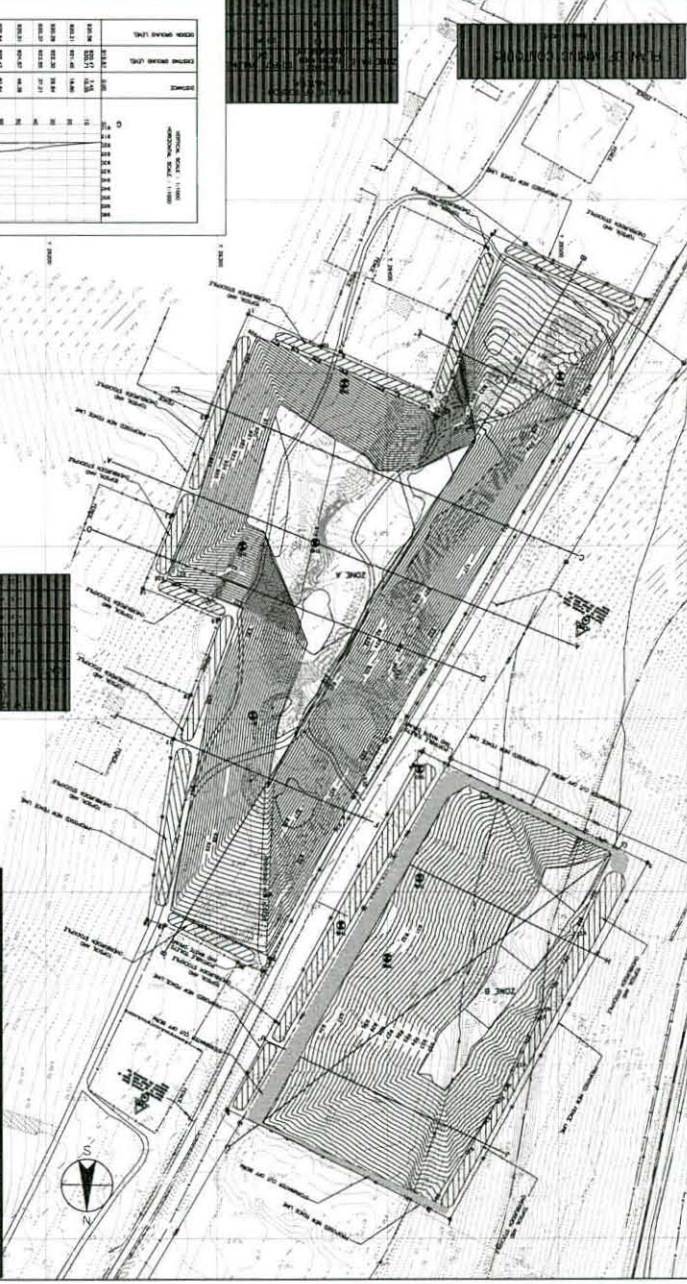
**durecon**  
 American Corps, Century Park  
 Century Parkway, Century Park  
 Cape Town  
 Tel: +27 21 528 5400  
 Email: CapeT@durerecon.com

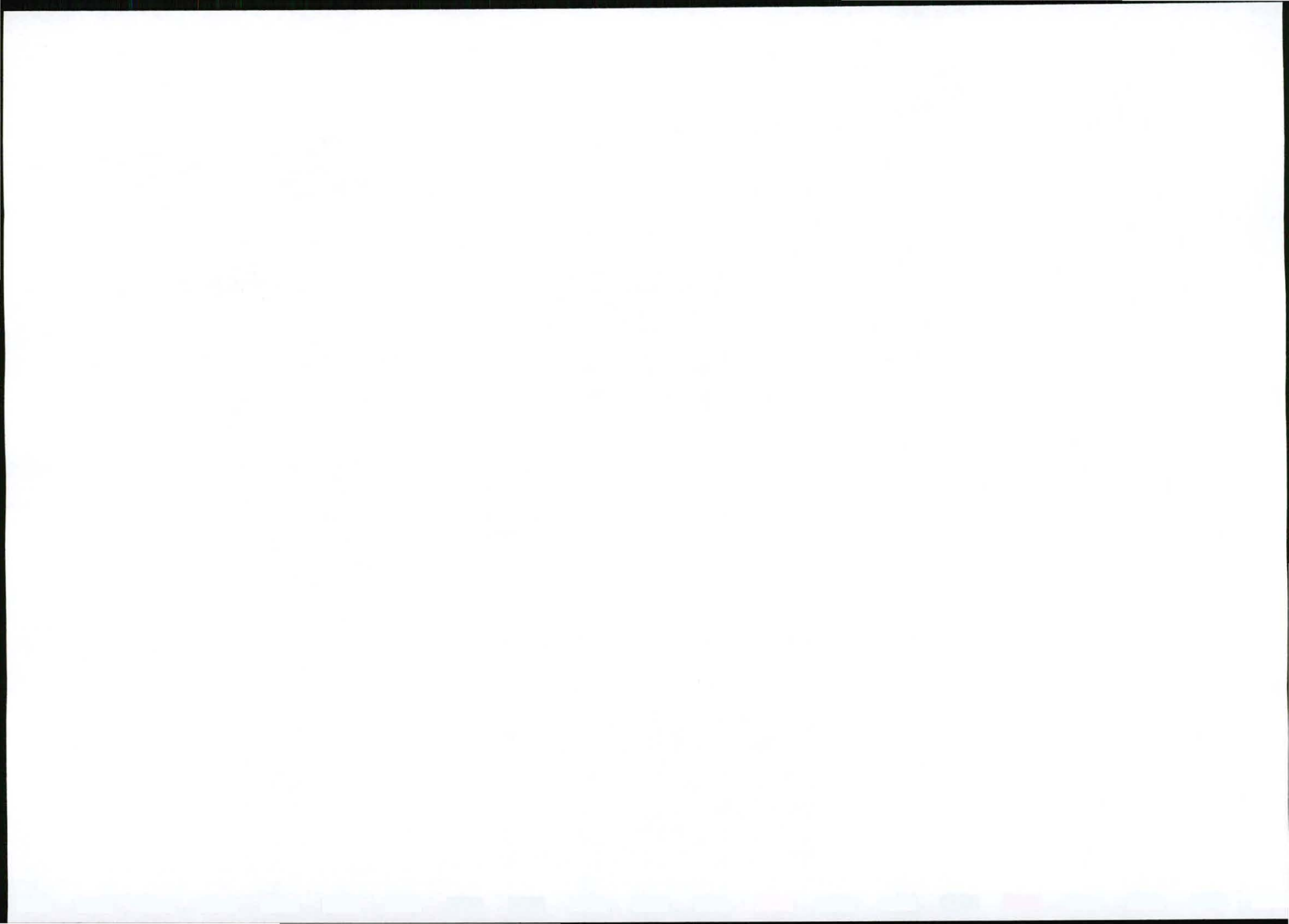


**THE SOUTH AFRICAN ROAD DESIGN INSTITUTE**  
 1175-1179 BROADWAY, BROADWAY  
 CAPE TOWN, SOUTH AFRICA  
 Tel: +27 21 422 8338  
 Email: info@saradi.co.za

**PROJECT DESCRIPTION**  
 THE IMPROVEMENT OF NATIONAL ROUTE 2 SECTION 18  
 BETWEEN RIVERSIDE KEMPHUL AND WEDDERSBURG  
 BROWNS FRT DEVELOPMENT PLAN

PROJECT NUMBER	NOG-180-2000
START	02/01/15
END	04/30/16
SECTION	18
ROUTE	18
SCHEME	18
STATIONING	0+000 TO 0+300
SCALE	1:100
DATE	12/17/16
DESIGNED BY	SAF
CHECKED BY	SAF
APPROVED BY	SAF
PROJECT MANAGER	SAF





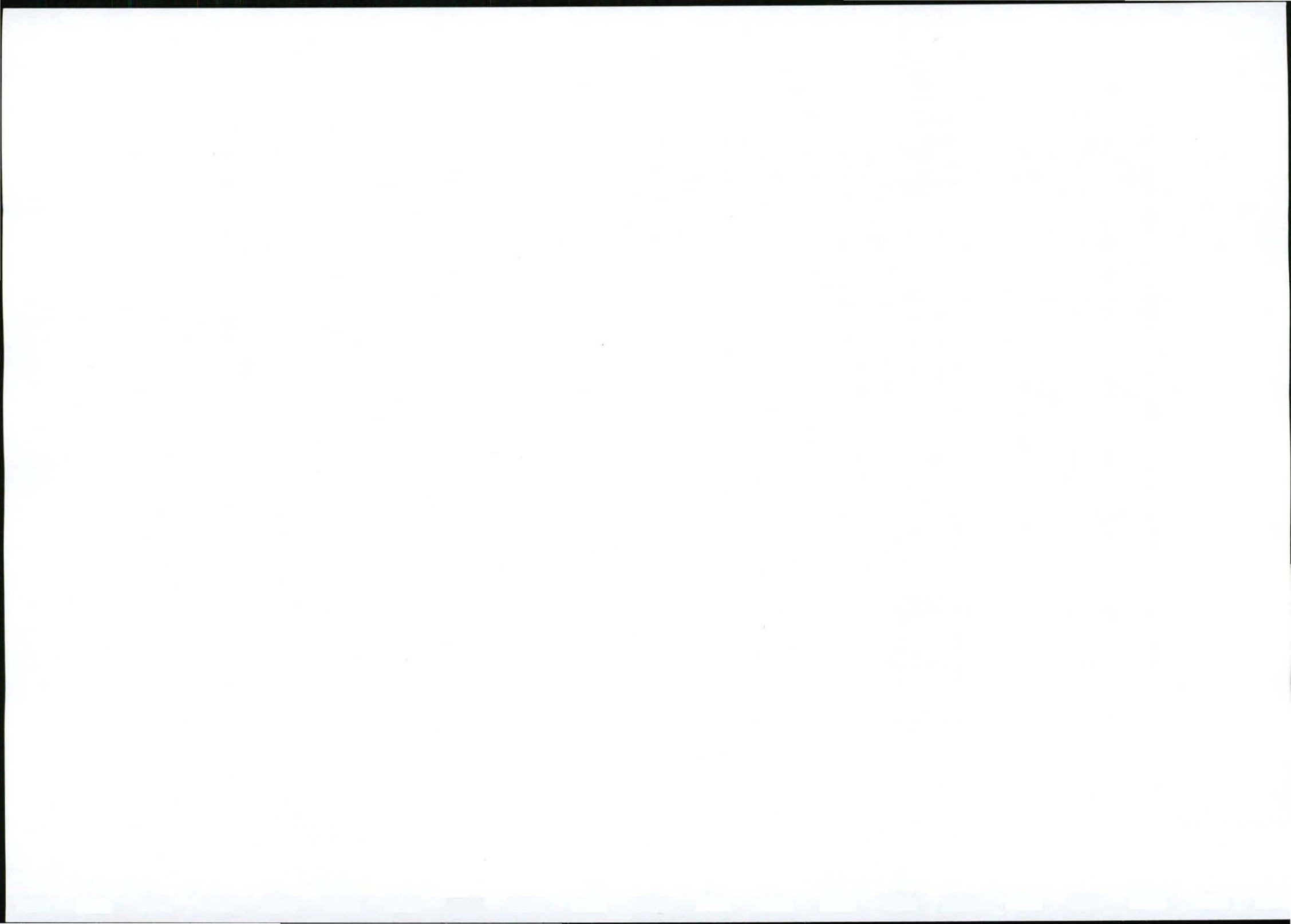


19 Appendix B: Letters of Confirmation, Financial Provision & Undertaking

Electronic Adobe PDF Version Only  
DOUBLE CLICK the PAPER CLIP here to access the  
Road Alignment Details.

Letter of Confirmation - SANRAL	
Letter of Financial Provisions - SANRAL	
Letter of Undertaking - SANRAL	

Hardcopy/Paper Version - See overleaf





REGISTRATION NO. 1998/009584/06

Creating  
wealth through  
infrastructure

## Southern Region

SANRAL House, Southern Life Gardens, 70<sup>2nd</sup> Avenue, Newton Park, Port Elizabeth  
P O Box 27230, Greenacres, South Africa, 6057  
Tel +27 (0) 41 398 3200 Fax +27 (0) 41 398 3211 / 3222

Your Reference:

Our Reference: 16/1/A N.002-180-2003/1 (#417289v1)

Date: 23 July 2010

Email: [lorlon@nra.co.za](mailto:lorlon@nra.co.za)

Fax Number: +27 (0) 41 398 3211

Direct Line: +27 (0) 21 957 4626

Website: [www.nra.co.za](http://www.nra.co.za)

Regional Manager (EC)  
Department of Mineral Resources  
Private Bag X6076  
Port Elizabeth  
6000

ATTENTION : Ms. N. Mkhacane

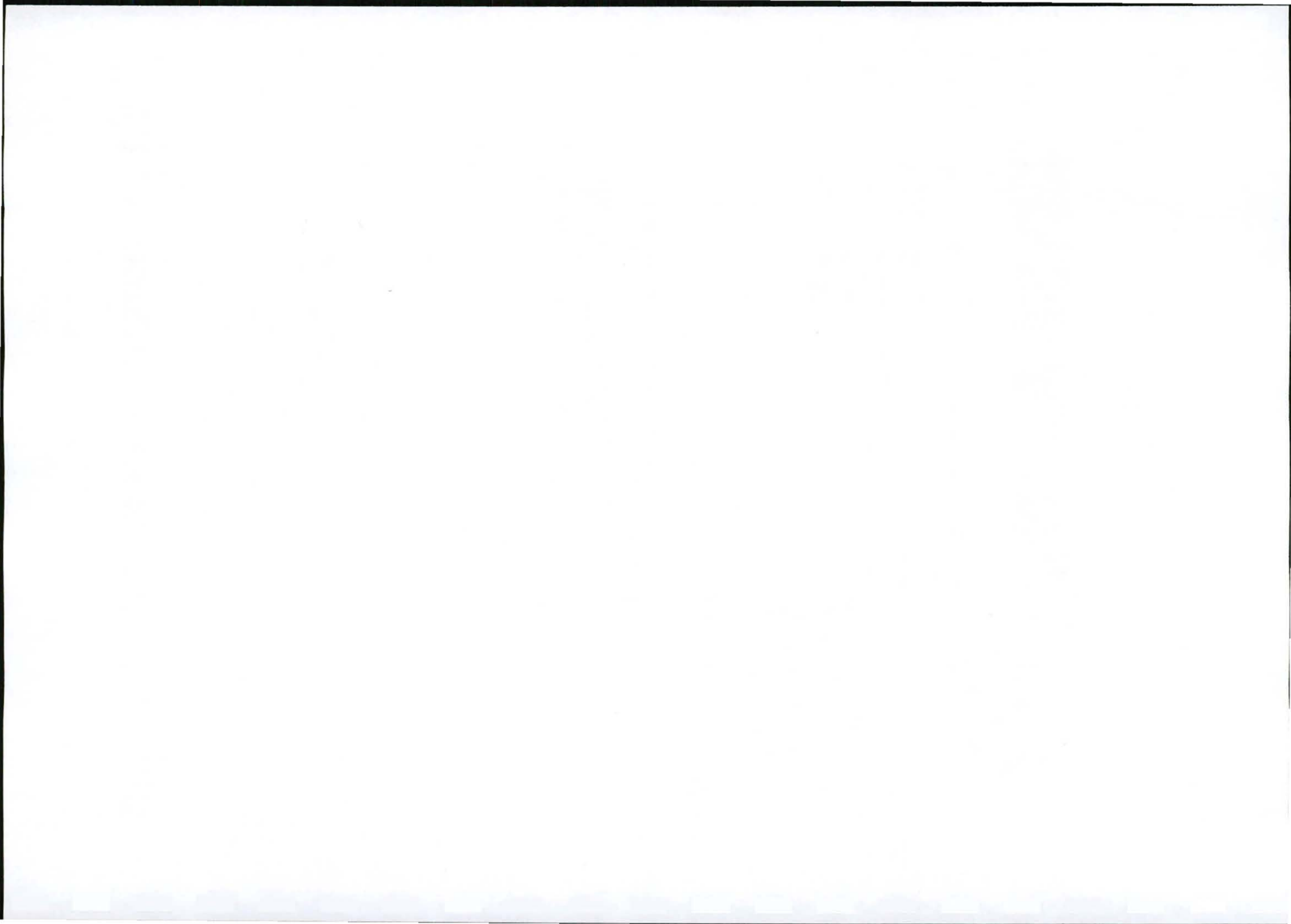
Dear Madam,

### CONTRACT NRA N.002-180-2003/1 - IMPROVEMENT OF NATIONAL ROUTE 2 SECTION 18 FROM SITEBE KOMKHULU TO VIEDGESVILLE

This letter is submitted in support of the Environmental Management Programme Report for the development of borrow pits and spoil sites for the improvement of 23.8 km of road being National Route 2, Section 18 between Sitebe Komkhulu and Viedgesville. We would like to confirm that this is a South African National Roads Agency Ltd project. The contractor for the project has not been awarded as yet.

Yours faithfully,

M S PETERSON  
Regional Manager





REGISTRATION NO. 1998/009584/06

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wealth through  
infrastructure*

## Southern Region

SANRAL House, Southern Life Gardens, 70 2<sup>nd</sup> Avenue, Newton Park, Port Elizabeth  
P O Box 27230, Greenacres, South Africa, 6057  
Tel +27 (0) 41 398 3200 Fax +27 (0) 41 398 3211 / 3222

Your Reference:

Our Reference: 18/14 N.002-180-2003/1 (#417267v1)

Date: 23 July 2010

Email: [lorlor@nra.co.za](mailto:lorlor@nra.co.za)

Fax Number: +27 (0) 41 398 3211

Direct Line: +27 (0) 21 957 4628

Website: [www.nra.co.za](http://www.nra.co.za)

Regional Manager (EC)  
Department of Mineral Resources  
Private Bag X6076  
Port Elizabeth  
6000

ATTENTION : Ms. N. Mkhacane

Dear Madam,

●  
**CONTRACT NRA N. 002-180-2003/1 - IMPROVEMENT OF NATIONAL ROUTE 2 SECTION 18 FROM SITEBE KOMKHILU TO VIEDGESVILLE : FINANCIAL GUARANTEE FOR THE RETENTION MONEYS AND FUNDS RESERVED FOR REHABILITATION**

I, MBULELO SIMON PETERSON Regional Manager and the authorised representative of The South African National Roads Agency Ltd, do hereby undertake to ensure the retention money (being an amount of R1,500,000.00 excl VAT) will not be paid over to the contractor until such time as I have been informed in writing by your department that you are satisfied that the required rehabilitation as stipulated by the Environmental Management Programme Report for the abovementioned project, has been undertaken on the borrow pits and spoil sites. I further undertake to ensure that the abovementioned works contract will make sufficient financial provision for the rehabilitation of the disturbed areas.

Yours faithfully,

**M S PETERSON**  
Regional Manager





REGISTRATION NO. 1998/009584/06



### Southern Region

SANRAL House, Southern Life Gardens, 70 2nd Avenue, Newton Park, Port Elizabeth  
P O Box 27230, Greenacres, South Africa, 6057  
Tel +27 (0) 41 398 3200 Fax +27 (0) 41 398 3211 / 3222

Your Reference:

Fax Number: +27 (0) 41 398 3211

Our Reference: 16/14 N.002-180-2003/1 (#417288v1)

Direct Line: +27 (0) 21 957 4628

Date: 23 July 2010

Email: [lorlor@nra.co.za](mailto:lorlor@nra.co.za)

Website: [www.nra.co.za](http://www.nra.co.za)

Creating  
wealth through  
infrastructure

Regional Manager (EC)  
Department of Mineral Resources  
Private Bag X8076  
Port Elizabeth  
6000

ATTENTION : Ms. N. Mkhacane

Dear Madam,

**CONTRACT NRA N. 002-180-2003/1 – IMPROVEMENT OF NATIONAL ROUTE  
2 SECTION 18 FROM SITEBE KOMKHULU TO VIEDGESVILLE**

#### UNDERTAKING

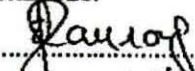
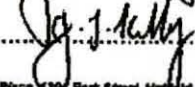
1. MBULELO SIMON  
PETERSON

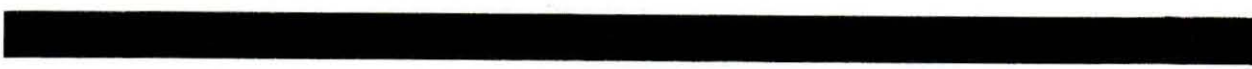
The undersigned and duly authorised thereto by the South African National Roads Agency Ltd. Hereby undertake to implement all the aspects contained in the EMPR concerning mining activities for this project and accept full responsibility therefore.

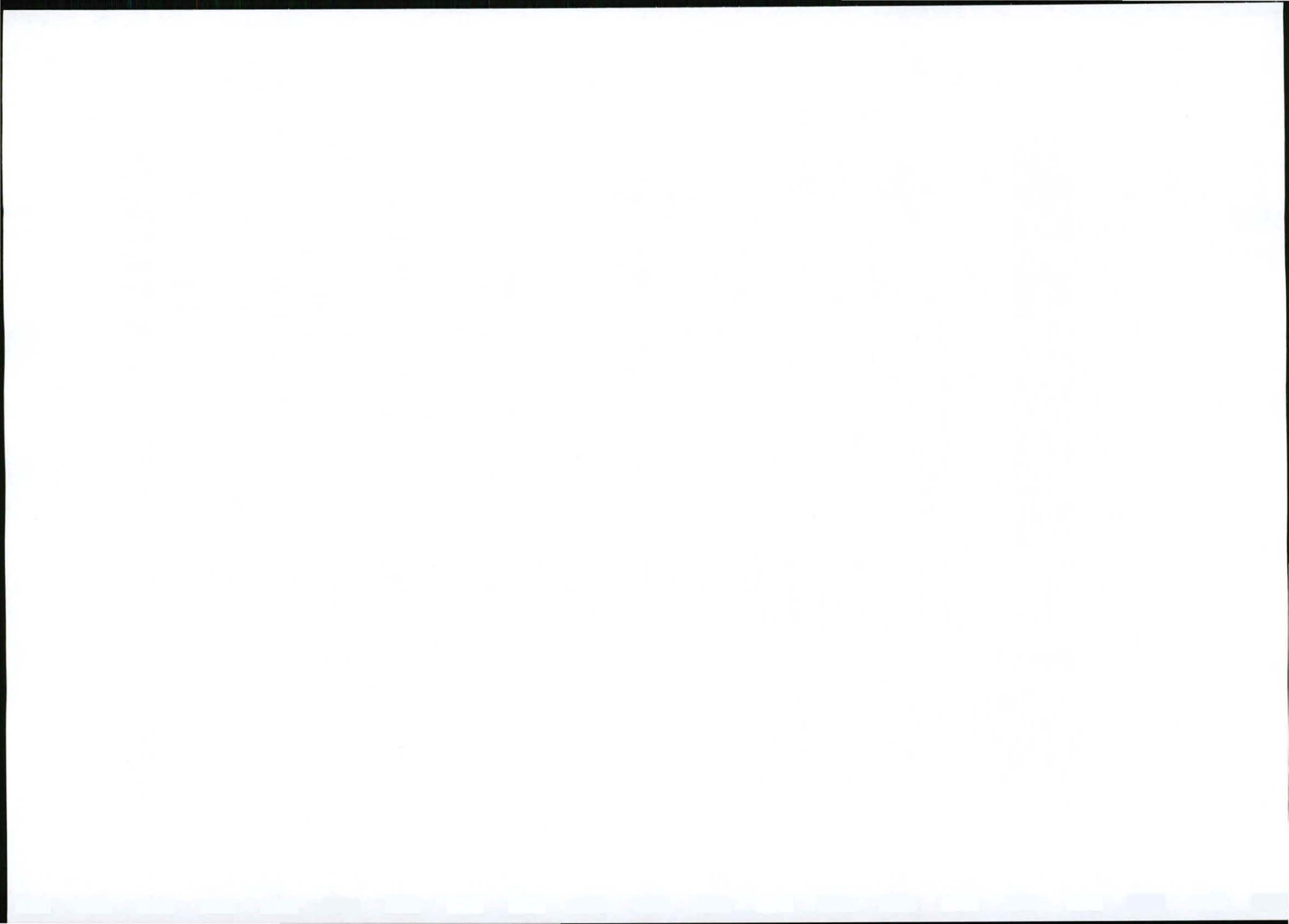
SIGNED AT Port Elizabeth this 27 day  
JULY 2010

  
SIGNATURE

#### WITNESSES:

1.   
2. 







Official use

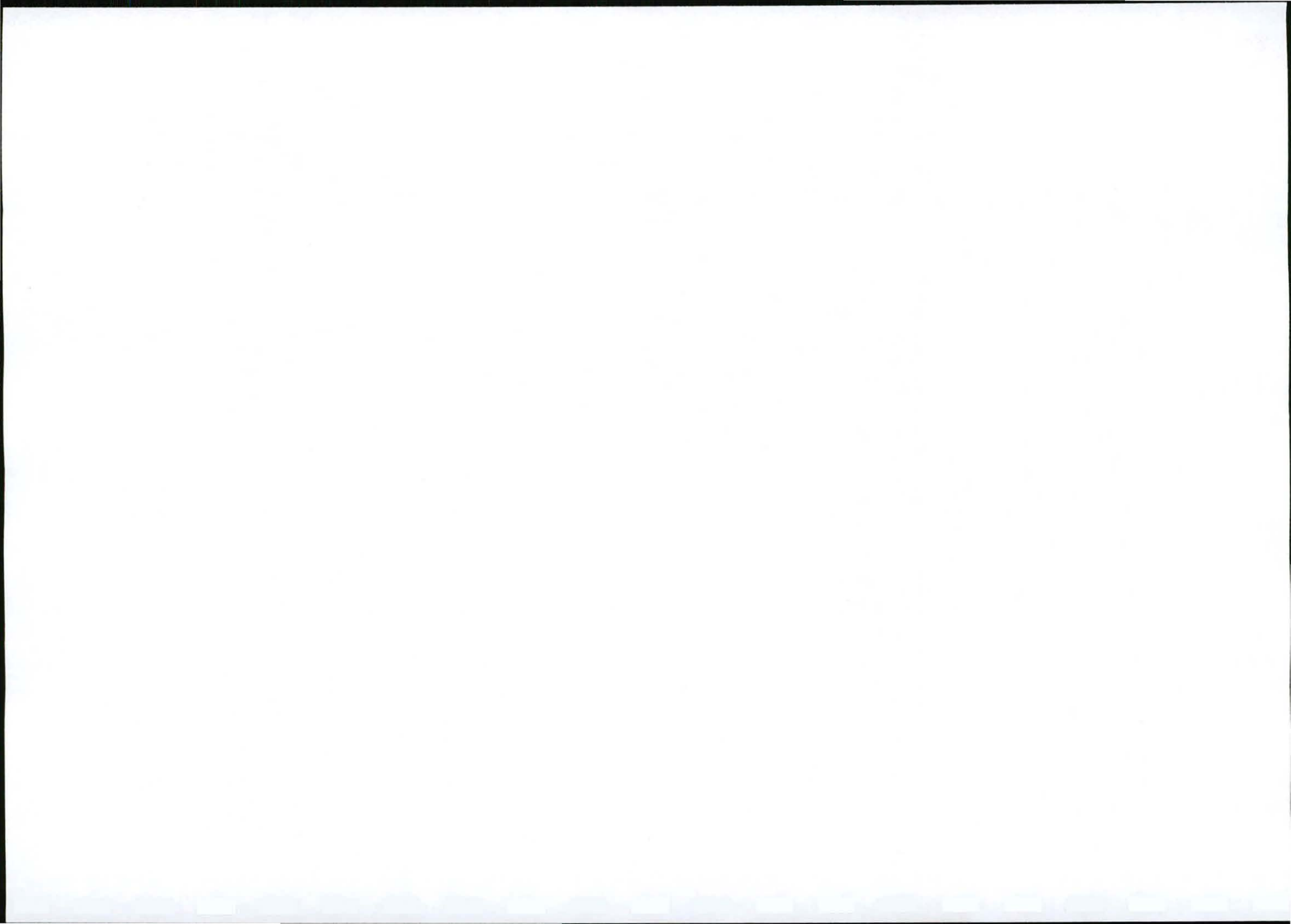
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**APPROVAL**

Approved in terms of the provisions of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002).

SIGNED at.....this.....day  
.....2010

**REGIONAL MANAGER**  
EASTERN CAPE

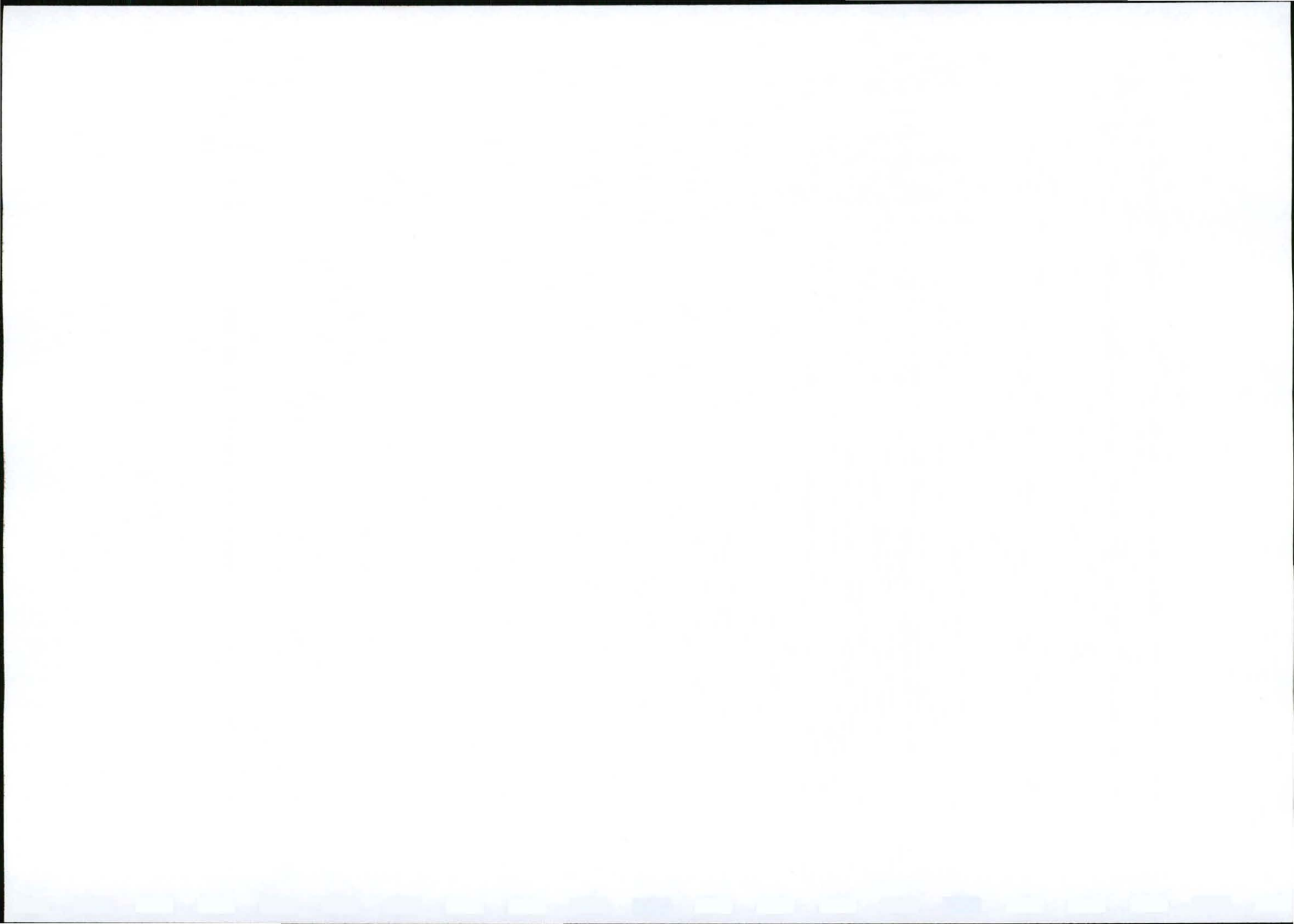


20 Appendix C: Public Meetings - Attendance Lists & Letters of Consent

Electronic Adobe PDF Version Only  
DOUBLE CLICK the PAPER CLIP here to access the  
Road Alignment Details.

Attendance Lists - Qunu (1)	
Attendance Lists - Qunu (2)	
Attendance Lists - Viedgesville	
Letter of Consent - Qunu Community	
Letter of Consent - Viedgesville Community	

Hardcopy/Paper Version - See overleaf



1 of 10

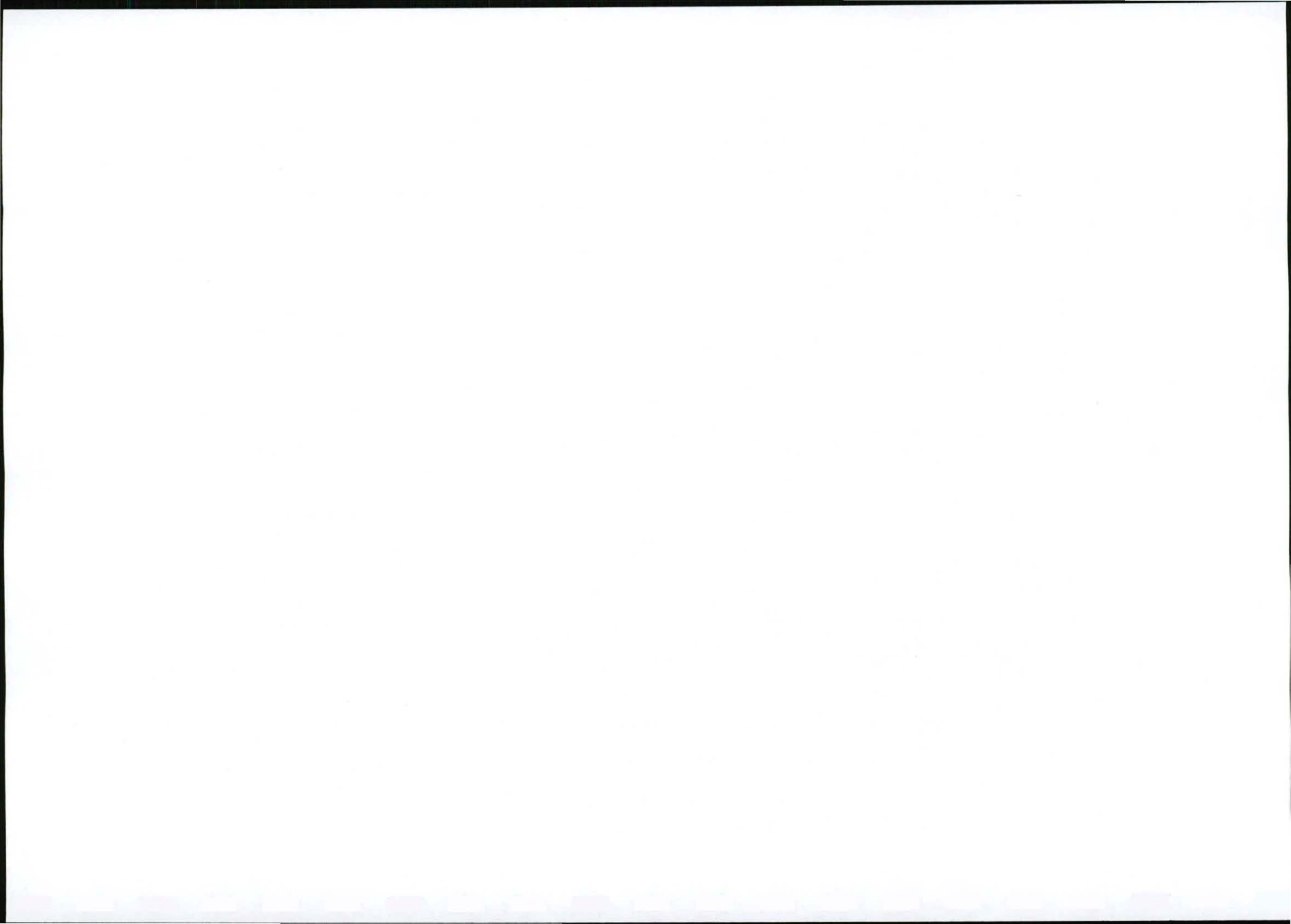
# Community Meeting – Attendance List

Qunu Community Hall

APRIL 28, 2010

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
AVELA		QUNA A/A	0832219980		<i>[Signature]</i>
Sijesangq	N/A	Qunu A/A	0787015888	N/A	<i>[Signature]</i>
Sisanda		Qunu A/A	0722091303		<i>[Signature]</i>
AYANDA		Sitebe A/A	0836458474		<i>[Signature]</i>
Vusumzi		Emmangweni	0717918450		<i>[Signature]</i> Headman
NCCAST		Qunu A/A	0730260498		<i>[Signature]</i> N. Nced
Thumeka		Qunu A/A	0789414189		<i>[Signature]</i> K. T. Sikade
Kayobedu		Qunu A/A	0788767332		<i>[Signature]</i> K. Madita
Phathumile		Qunu A/A	0725530555		<i>[Signature]</i> Phathumile
Masakhane		Emmangweni	0717918450		<i>[Signature]</i> M. Masakhane
M. Masoyi	N/A	Qunu A/A	072735762	N/A	<i>[Signature]</i>
M. Nyeka		Qunu A/A	0822116644		<i>[Signature]</i> M. Nyeka
N. Sahluko	N/A	Qunu A/A	0717465715		<i>[Signature]</i> N. Sahluko
MPILO		Emmandlaneni	0835141720		<i>[Signature]</i> M. Gova
N. Madika	N/A	Qunu A/A	0781254290		<i>[Signature]</i>

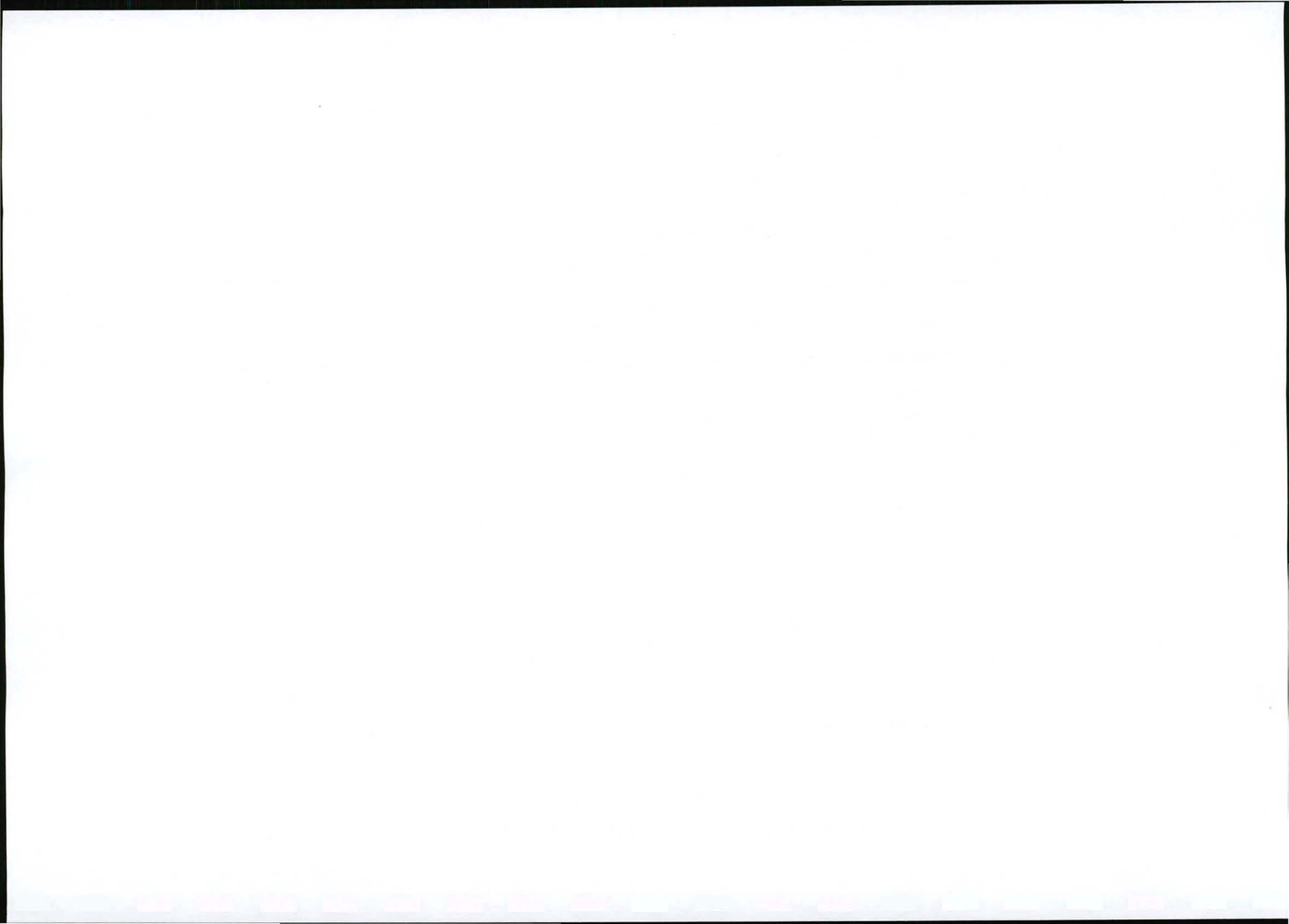


## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
SANDISWA		Qunu A/A	0736700021		<del>S. Manda</del>
Olwethu		Qunu A/A	0733768162		<del>M. O.</del>
Mawabisi	N/A	Qunu A/A	0732291153		M.B.
Aseza		Qunu A/A	0733768162		A.M.
Babalwa		NGweni A/A	0736234335		M.B.
Sandiswe		NGweni A/A	0761929081		N.S.
Khungulwa	N/A	Matyeni	074458445		<del>V.</del>
Wantu	N/A	Nkalane 2	0786103525		M. Antu
Thandurolo	N/A	Matyeni A/A	0793556375		M. Antu
Sandisa	N/A	Qunu	0713231708		J.S.
Sakhiwa	N/A	Mqakuma	0736156774		J.S.
Bonga	N/A	Qunu	0786132008		M.B.
Alphalele	N/A	Qunu	0787015898		M.B.
Mlungiseleli	N/A	Qunu	0739508537		<del>M.B.</del>
Lwandiso	N/A	Qunu	0783437899		M.B.



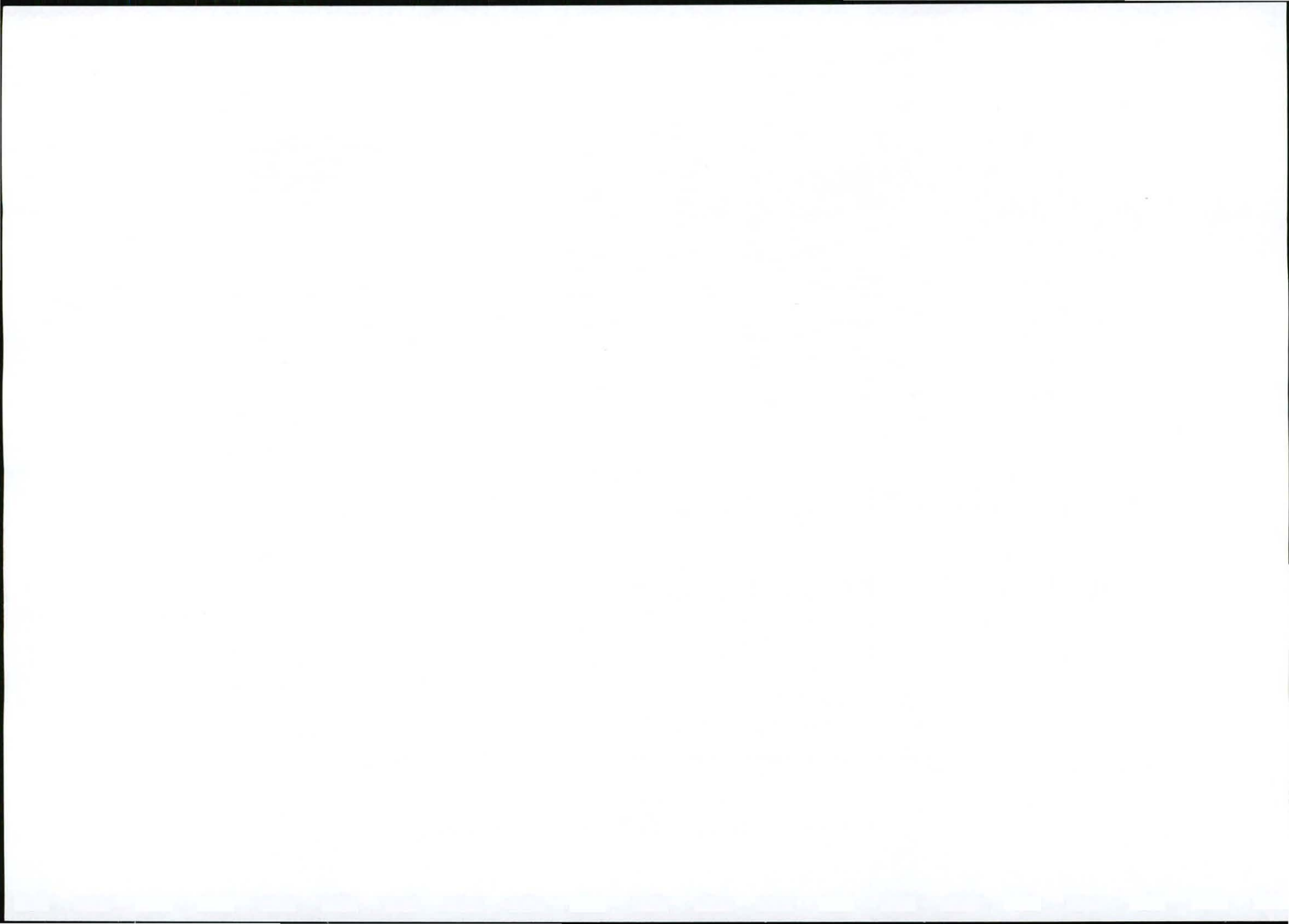


## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
Lakhe		Qunu A/A	0722091303		X
Sixolile		Qunu A/A	0736664840		X
S.A. Hlati		Qunu A/A	073240655		<del>S.A. Hlati</del>
Buyiswa		Qunu A/A	0724750149		<del>Buyiswa</del>
S. Mkwana		Qunu A/A	0825144409		<del>S.M.</del>
Siyabonga		Qunu A/A	0782357395		<del>Siyabonga</del>
Ntombi Phindie		Qunu / metefo	0736389861		N. Gagany
Qe Qamba		Qunu A/A	0725606063		<del>Q. mbe</del>
Selinah		Qunu A/A	0781729114		SM
Solomzi		Qunu A/A	0789419839		SM
Tyebizolo		Nkalane A/A	0729773407		W
NONURSE		Qunu A/A	0720705923		<del>Fi</del>
NTomboxolo		Qunu A/A	0733042247		<del>N. Tomboxolo</del>
E. NGXEKANA		Qunu A/A	0786767996		<del>E. N.</del>
Gamatkhulu		Malibongwe			<del>G.A.T.</del>



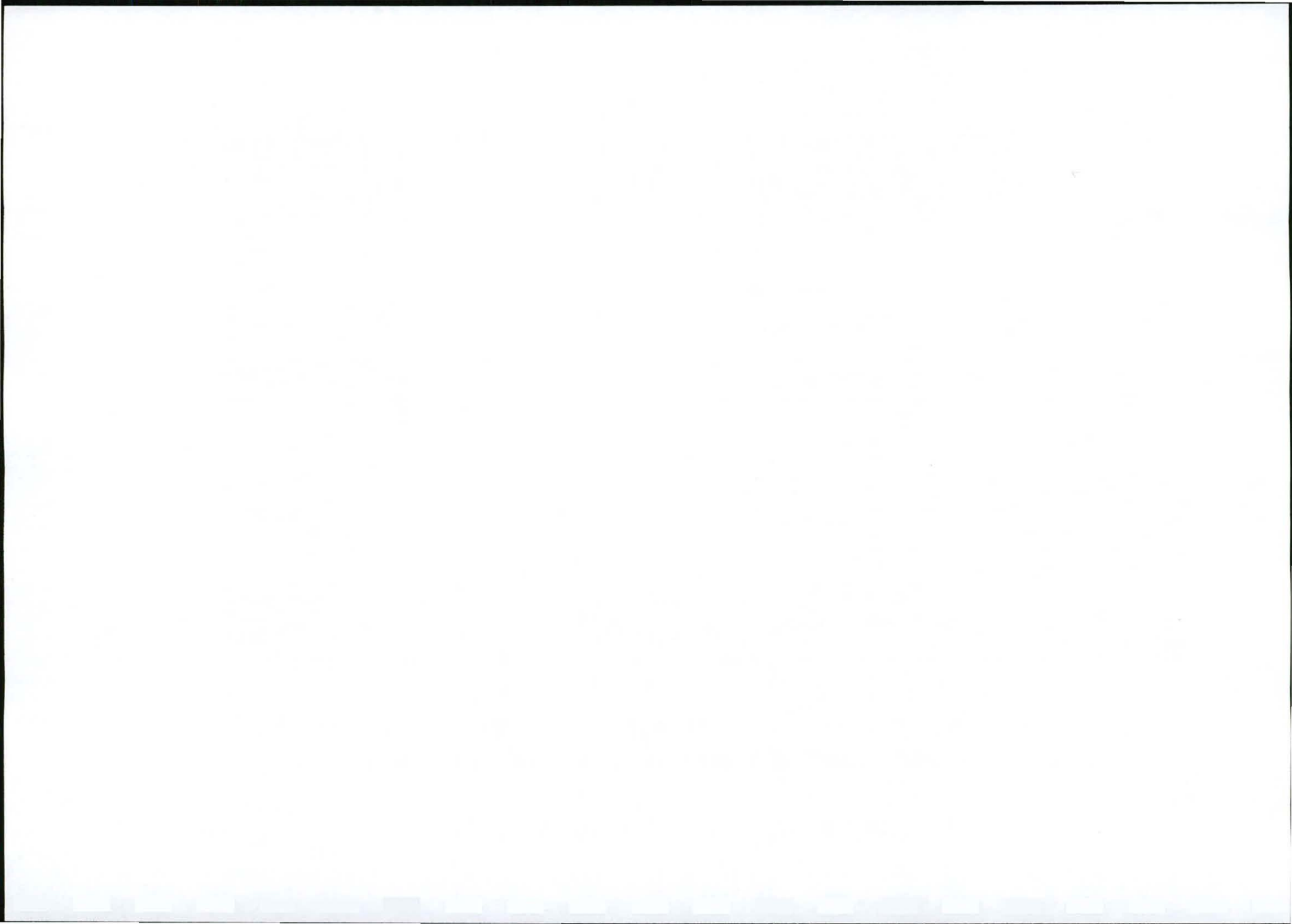
kop 40

## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
Pumza		EmPA	073927374		V.P.N.
Siphokazi		QUNU/MATEKO	0791257277		<del>S. Aked</del>
Sibongile		QUNU/MATEKO	0764559623		S.N.
Siphemathi		Qunu #1A	0789417639		+
BATEMBU		QUNU A/A	0732904476		<del>S</del>
Noloyiso		qunu 1	073145028		N-K
Thandi swa		Qunu	0735534687		Tno
H Bungu		Clu	0838726022		<del>H Bungu</del>
MOSIWE		Qunu 1	0715185610		<del>Mosiwe</del>
Som		QUNU	048650910		UK
S. Krexe		QUNU	0787008124		S-K
B. STEWELA		QUNU A/A	N/A		<del>B. Stewela</del>
Makhosonke		Qunu	0791163661		Mak
PHILISWA Mlotse		Engweni	0711772430		P. Mlotse
Thandikhaya		Qune	083722777		Tkhethe

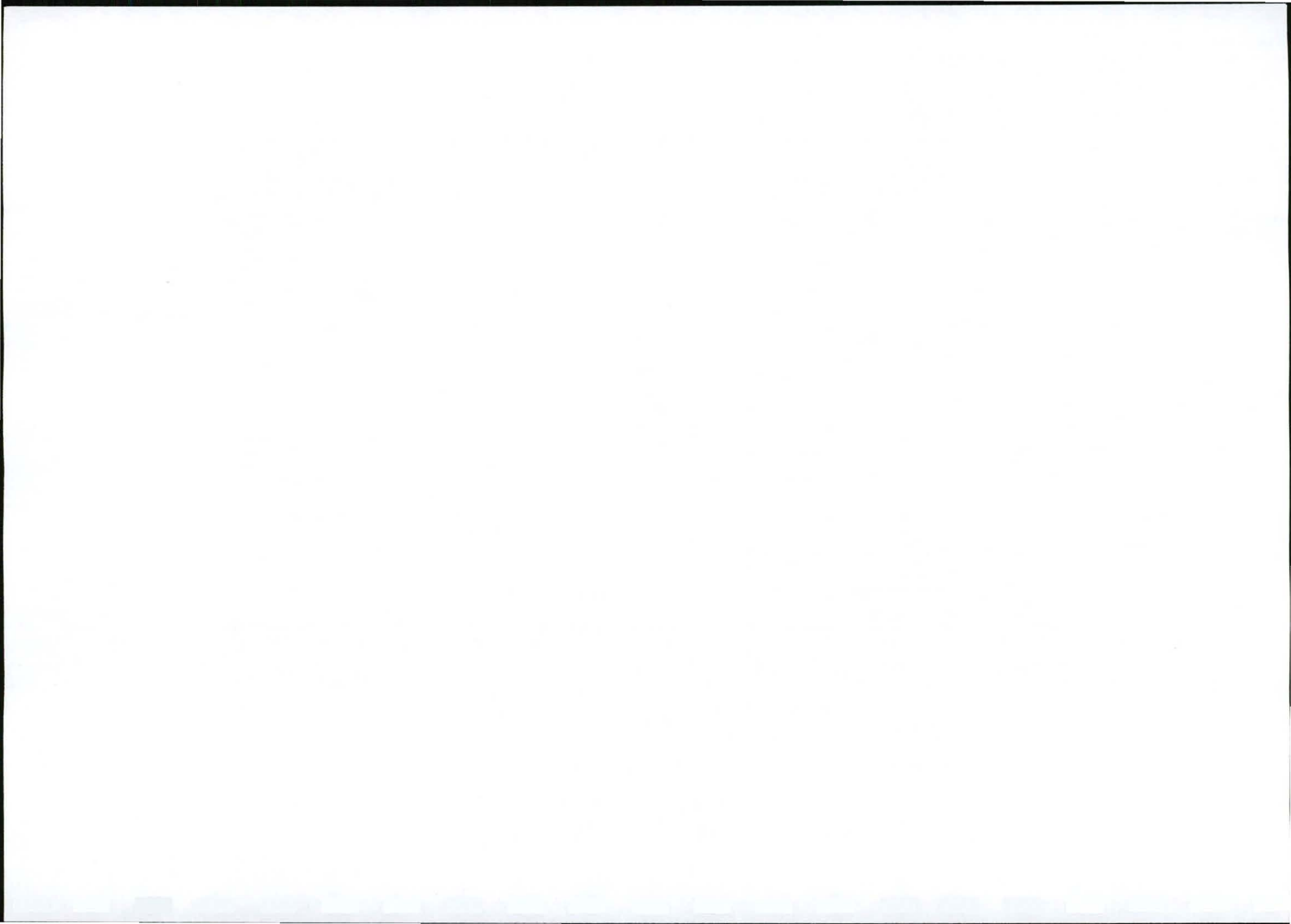


## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
L. BHARAZA		Qunu	0835288224		
Andile		Qunu			X
A. IDEM		Qunu	0786671180		
J. NGQADO		11 17	0784188738		
Masith'ani		11 11	0716254302		
Nowinethu		Qunu	0795602607		X
GCOBISA		Qunu	0737029000		
WELLE		Qunu	078044698		we
Mawethu		Qunu	N/A		X
TANBISA		Qunu	0721421637		T. BISA
SiThembela		andlanethu	0722001308		
Khuthala		Qunu	0849265448		
Nonkoliseko		Qunu	0783721636		
Z. NGXEKANA		QUNU	07335306 <sup>78678</sup>		
Pawudile		Qunu	N/A		X



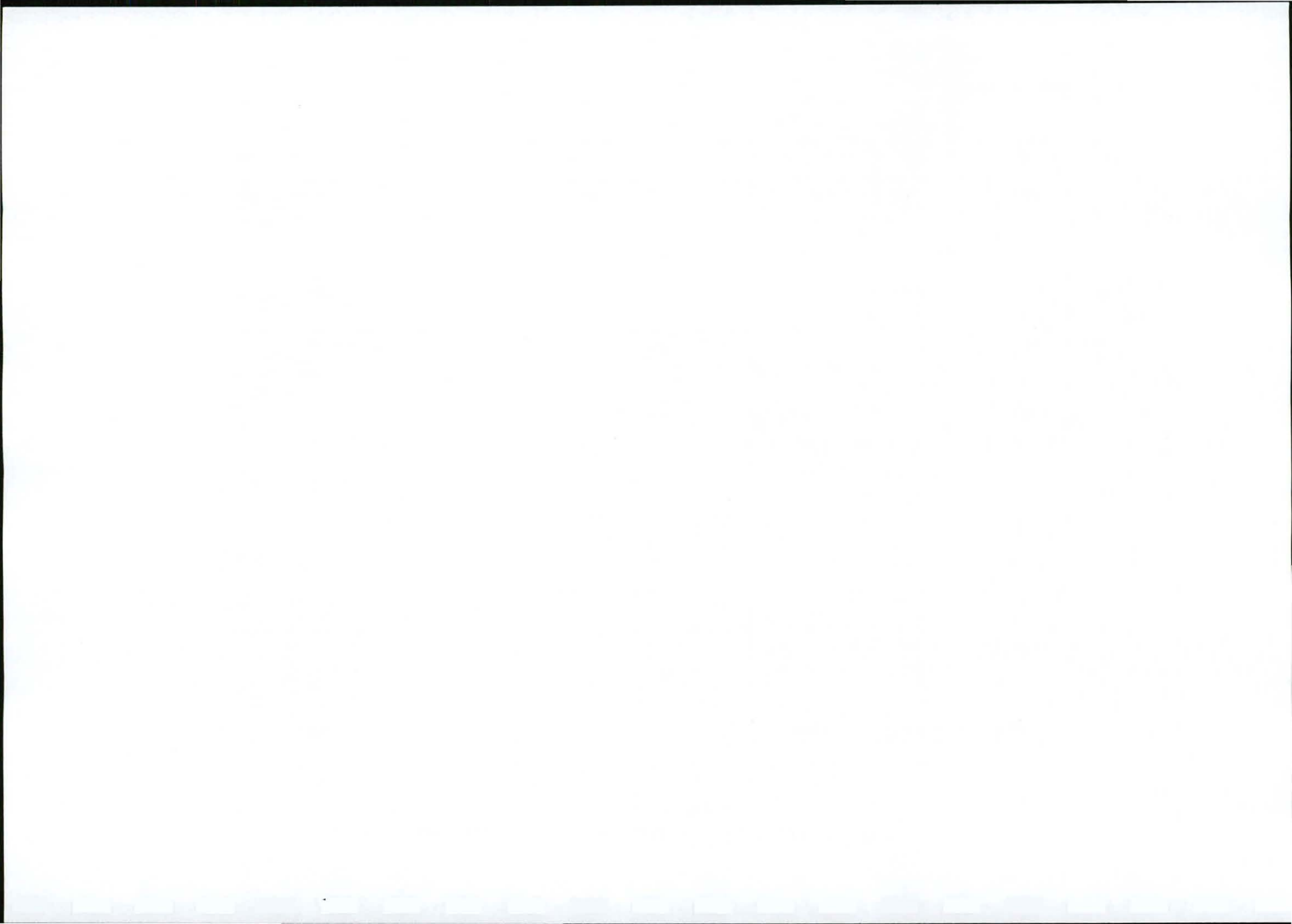
bqf10

## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
Fundile		Qunu A/A	0730069017		<del>F. R.</del>
Khanyisa		Qunu A/A	0789186119		K
Nolubabalo		Qunu A/A	0739447616		N.S.
Bukelwa		Qunu A/A	0710526505		<del>B.A.</del>
Makhanana		Qunu A/A	0731763738		MTYHOLO
Mbulelo		Qunu	N/A		X
Mkewu		Qunu	N/A		TISHANI
Twala		Qunu A/A	0724365805		N. Twala
ZANDILE		Qunu A/A	0833135197		Z. Stani
SIVUYILE		Lukkanji			SL
NOHEGAMIS		Qunu A/A	0733486768		H.M.
Inzema		Qunu A/A	0714003657		T. M.
Notana		Qunu	0784120714		X
Zibuzete		Qunu	0736757541		<del>Z.</del>
SIMPHIWE		Qunu	0784656888		SINGENI





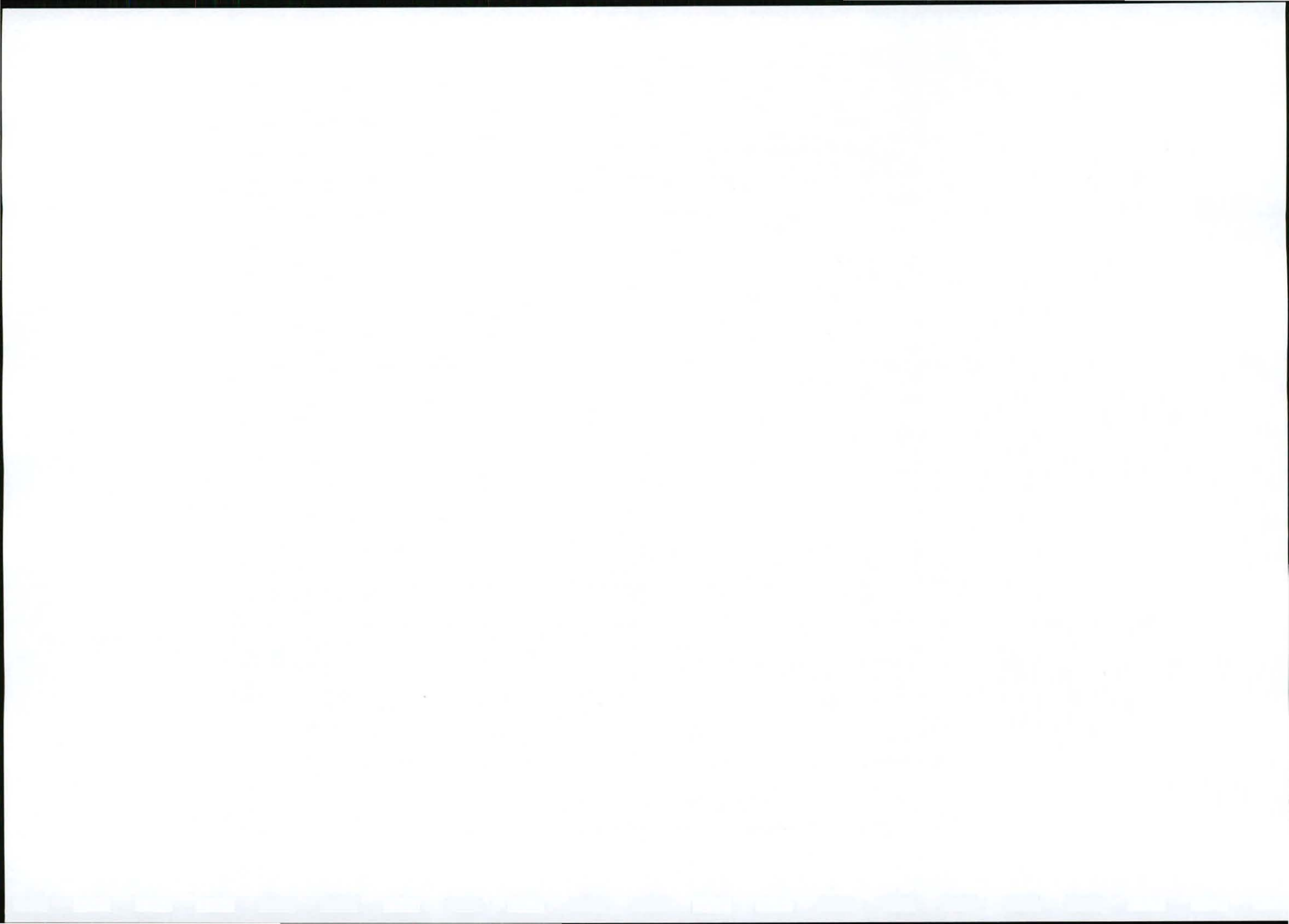
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## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville









Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
Tezekela		Qunu A/A	0787887892		<i>[Signature]</i>
S. KALALA		QUNU A/A	083515261		
NSIMANDELA		QUNU A/A	0717292156		<i>[Signature]</i>
FIKISWA		QUNU A/A	0722983370		<i>[Signature]</i>
MASIBULLE		QUNU A/A	0737466967		<i>[Signature]</i>
Nongiveshe		Qunu A/A			VM
Mbokodi		QUNU A/A			VM
Madala		Qunu A/A	0781685266		VM
Gonono		Qunu P/A	0787683244 <del>078634663</del>	0788631663	MG
Nompsomi		NKALANGA	07315121		<i>[Signature]</i>
PHILIP		Qunu A/A	0839599150		<i>[Signature]</i>
KIKIKI		Qunu A/A	0784699902		X
Nowelle		NKALANGA	0723139606		<i>[Signature]</i>
Nomsa		Qunu	0737669666		<i>[Signature]</i>
Smethembu		Makelweleni	0787154209		<i>[Signature]</i>

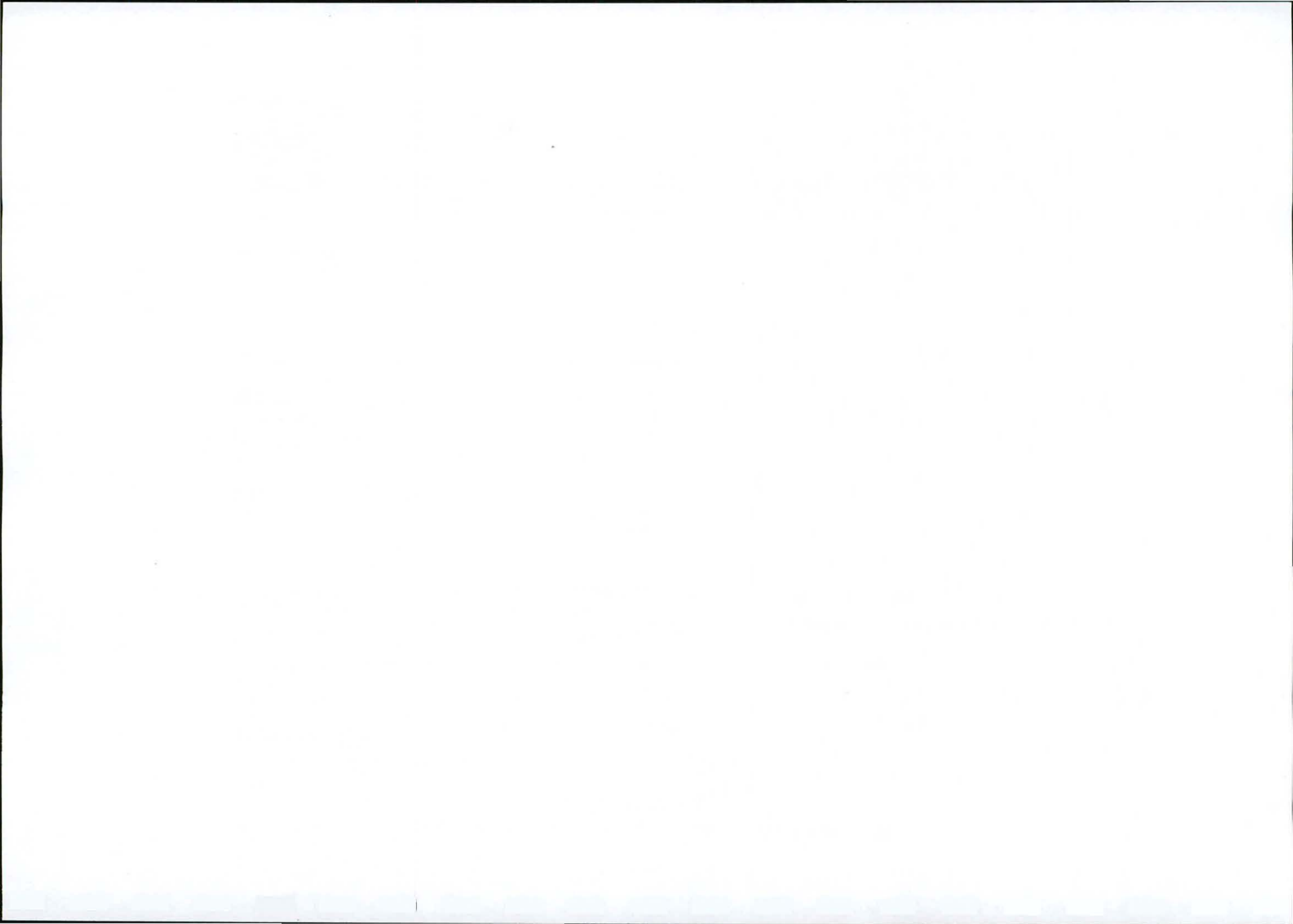


## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville














Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
Mateta		Empa	N/A		X
Modanile		"	N/A		X
Lulama		Nkhalane	N/A 0702524979		
Nkuthalo		Iwalweni	07110641326		
Luvo		Nkhalane	6		
Nonzile Jada		Nkhalane	0721320682		NJ
Bomkazi Cizake		Iwalweni	073121818		C-B
VIRIWA THAMBO		EMPA	0783881867		
DAYLSE Nqthi		EMPA	0731708691		
William		Nkhalane	N/A		X
Y Nyoka		EMPA	N/A		
Zamumzi		Qunu A/A	N/A		
Mangeleni		Nkhalane	0732813948		
Thembe		Nkhalane	0823696037		Kolotia
Mcedi		Qunu	0730708027		MT

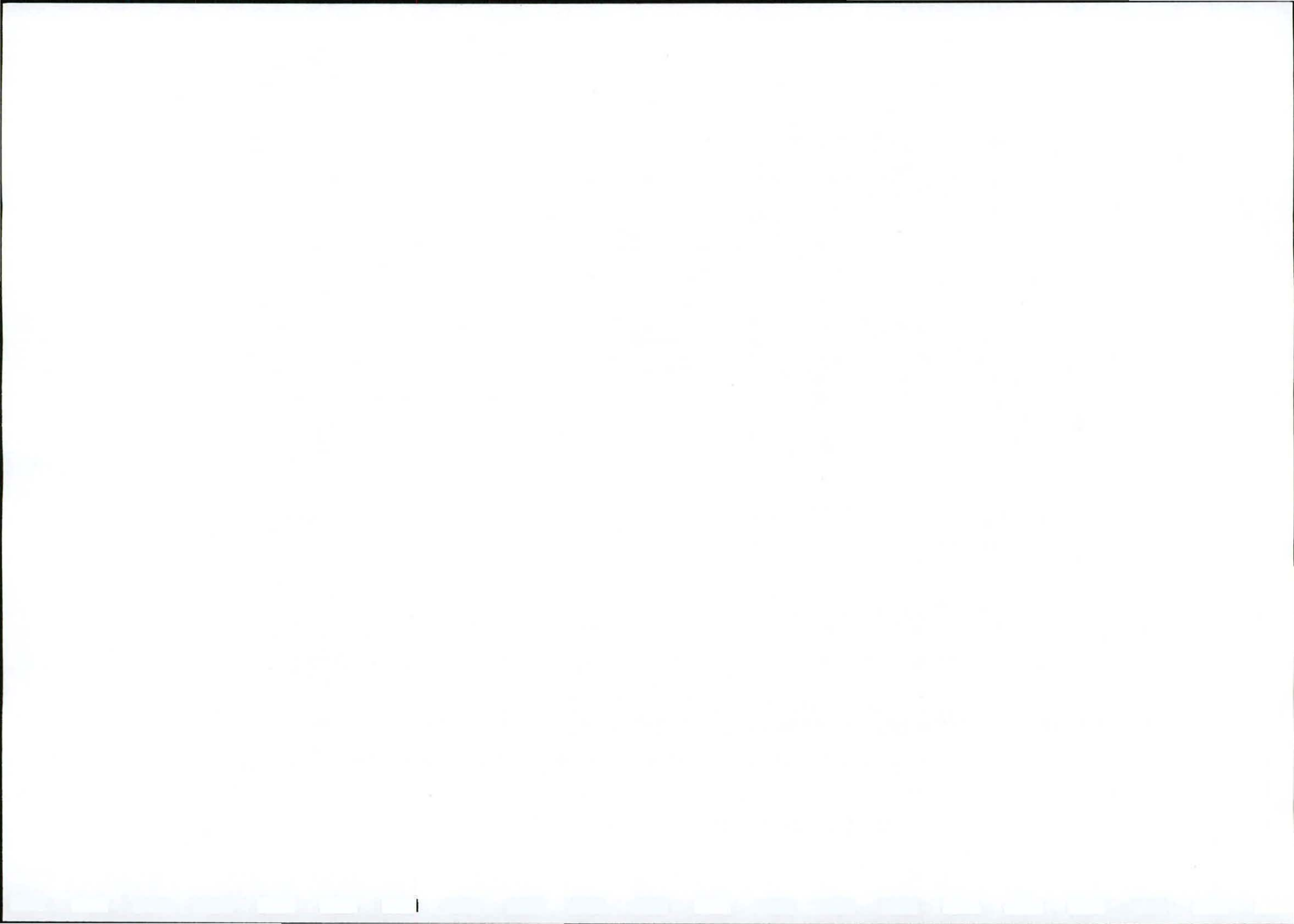


## Community Meeting – Attendance List

### Qunu Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
KHUMBULANI		MARHAUWENI	0785073134		
Wanda		EMPA	0743922900		
Sikhulule		EMPA	0837731785		S. Sing'
Katini		Nkalanu	07045167		X
TOMSIKE		Qunu	0704516787		
B. TETANA			0738512438		
Ni Glinindawe			073070928		
h. NJOKA			0733806695		
L. KOLOLA		NKALANE	0733896236		
T. Mawene		Qunu	07090259	073957160	
T. Tetani		Qunu	0823583883		
B. MBERGE		Qunu	0737120913		
S. NINSWA		Qunu	0781887145		
Moanswa		Magubu	0734431511		
M. Pesi		MAGUBU	0738490337		



## Community Meeting – Attendance List

### Qunu Community Hall

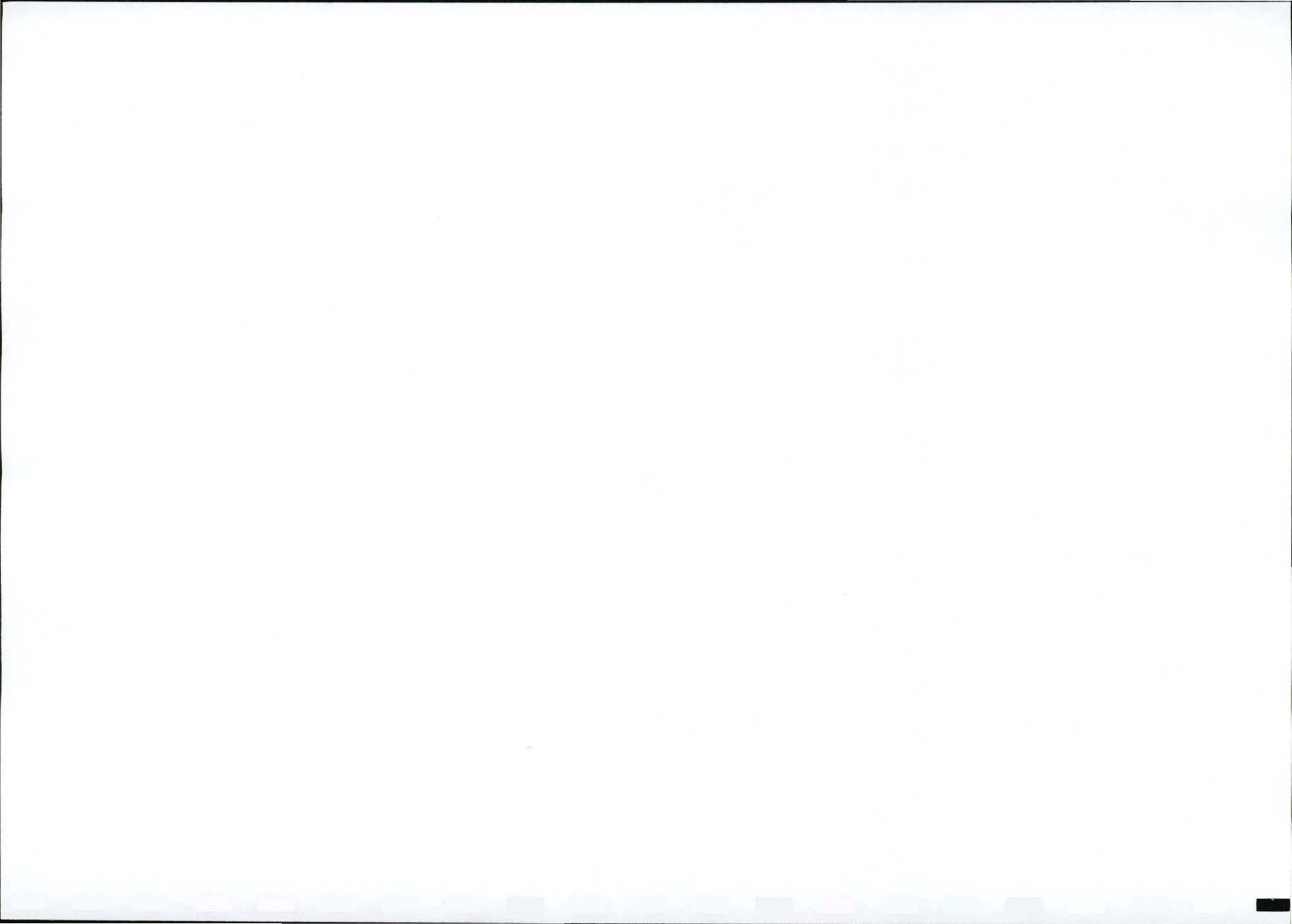
Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville


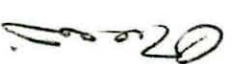


















Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
Mozolile		Qunu	0794296918		<del>MTM</del> MTM
Ayanda		KANKALANE	0837728688		R.
T. Barasa		Qunu	0837637658		T. Barasa
N. Mangawani		Qunu	0738970298		MTM
Lamukhulungisa		Mkhalane 2			X
ZAMEKAM.		Mandluntho	0726933108		ZAM
N Dlayedwa		Kalane			ND
Zimason		Kalane			Z
N.M Khinzeleli		MKALANE	0732712703		NM
Perfira		Magubu	0719653939		PER
B. Nkikikana		Mangubwa	02827027		B
Z. Soko		Qunu	0735228895		Z. Soko
N Gogo		Qunu	0737366127		+
N Hlabe		Qunu	-		NHlabe
N Tlwani		Chwalweni	0733735449		NT

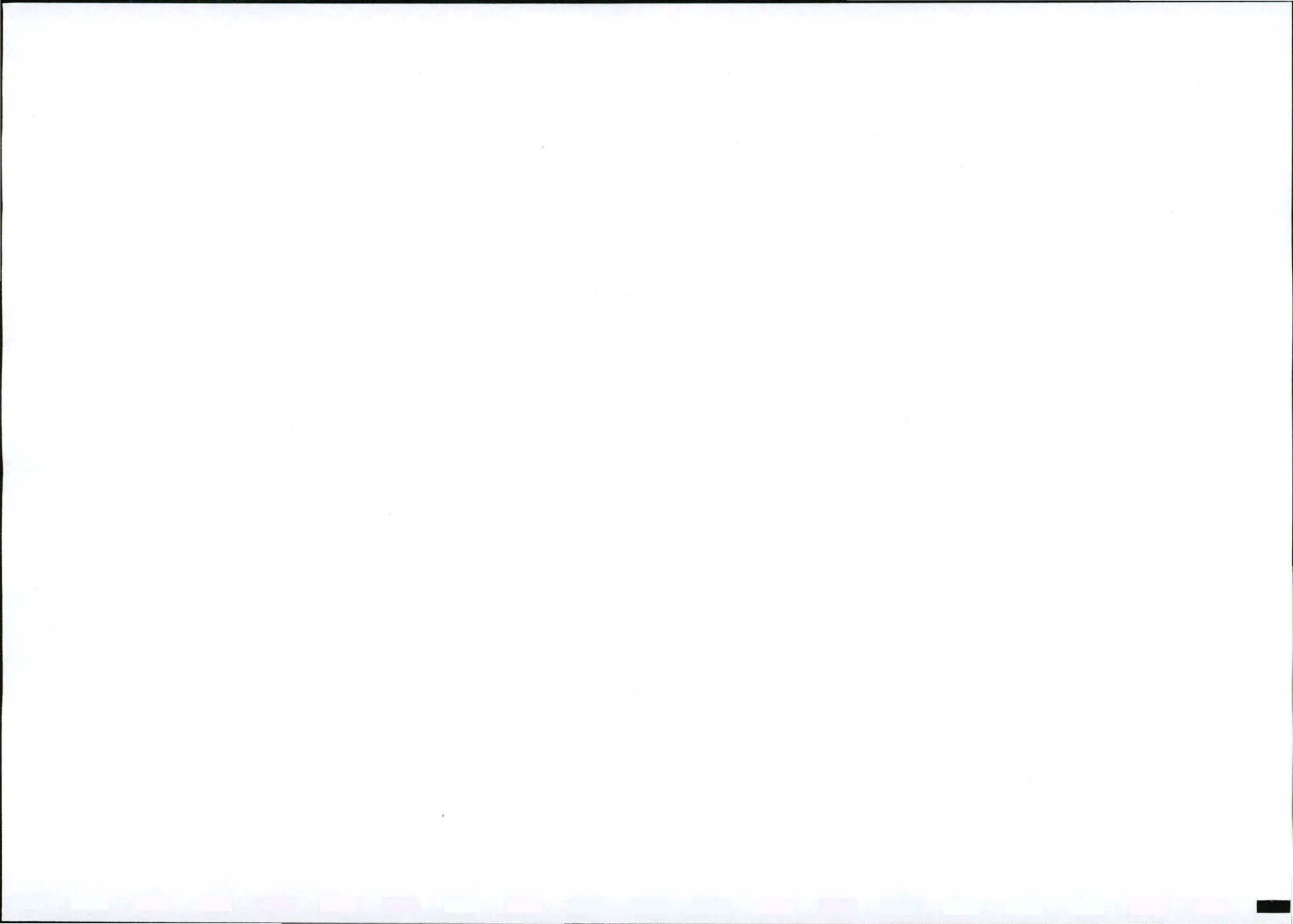




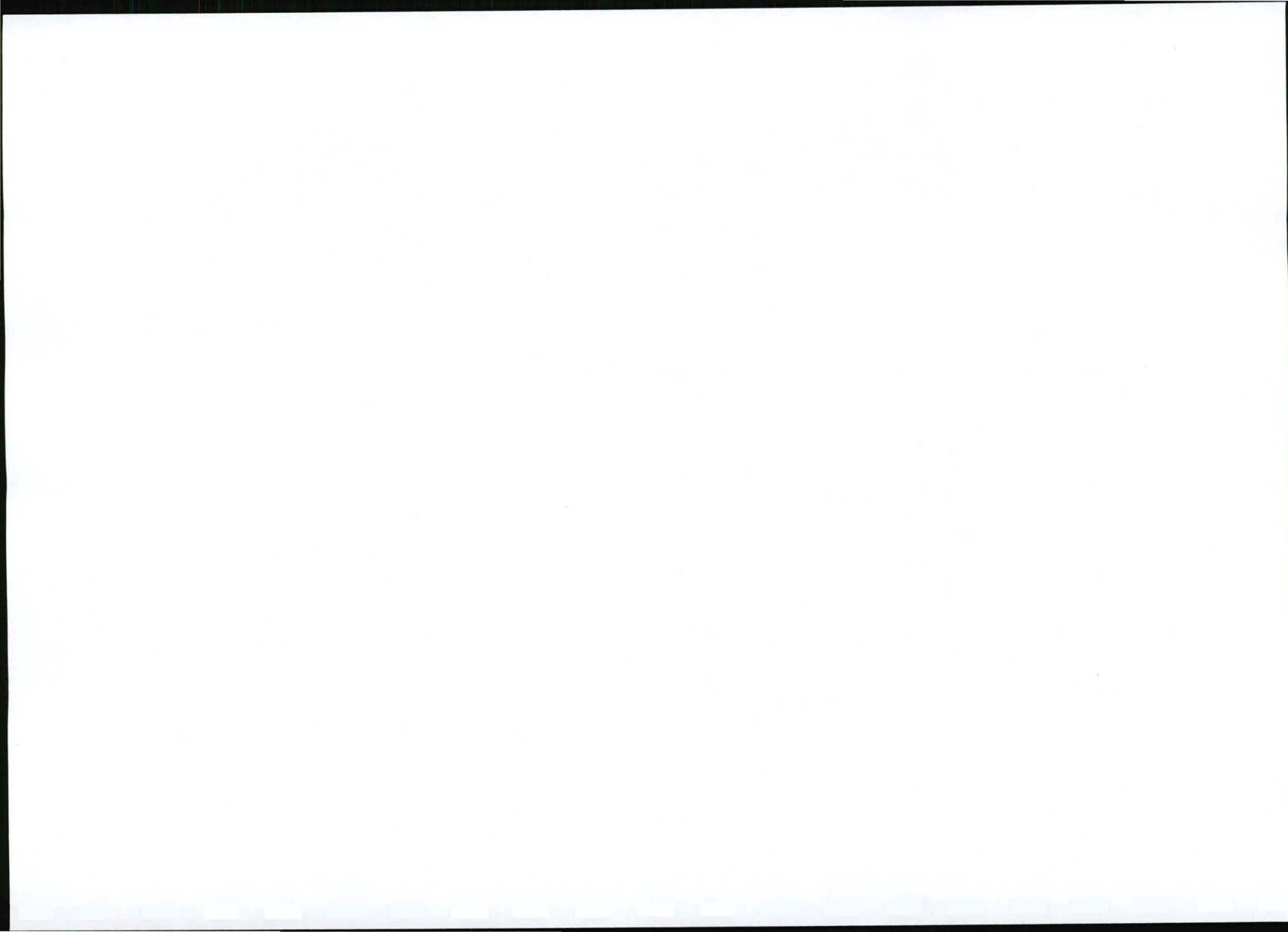
Name	Address	Number	Signature
M. Libongwe	Dunu	0760510098	N. Gargathwe
Fundiswa	Dunu	0839832035	M. Ntshokope
Nonoviso Biso	Mandlantshe	0988448880	N. Fundiswa
Vosipho	Mandlantshe	0723510518	J. Biso
Z. Motso	Dunu	0733670028	N. Buteni
Molofane	Dunu	0730983186	<del>Z. Motso</del>
Yokwaka Diso	Dunu	0789370320	X
Volusano Kwatshe	Dunu	0760298098	M.F.
Votemba Baraza	Dunu	X	N. Baraza
Yopike Nkazi	Dunu	0786320273	M. Nkazi
Mawethu HARBE	Dunu	X	MARBE
Victor Nkewu	Dunu	0824340170	VN
Mbundo	Dunu	0738480669	<del>M.S.</del>
V. Y. S. I. I.	Dunu	073576327	X
M. Bhatia	Dunu	0735571435	<del>M.S.</del>
M. Gqobantshi	Dunu		<del>M.S.</del>
M. Nongqafu	Dunu		<del>M.S.</del>



Signature	Number	Address	Name
	0736527145	WADONISO L	U. DARISO
	0738375473	Luar eleonisa	L. Toro
	N/A	Bunu	Awele
	0736589951	Bunu	Nomvuka Soyoya
	0781987498	Bunu	Nomvuka S.
	0736921259	Bunu	Nomvuka D.F.
	0727573581	Mafyeni	Z. By guty
	0782961860	Bunu	N. Ngoddi
	N/A	Nkholane	Mlungiseleli
	N/A	Lualuani 3	Beluse Bida
	N/A	Lualuani 3	Nomfozo Bida
	N/A	Bunu	HE MBEKHE MBEKHE
	N/A	Bunu	Bongile
	N/A	Bunu	Ngwafefe
	N/A	Bunu	Ngwafefe
	0738132322	Bunu	Ngwafefe
	0732123984	Bunu	Ngwafefe
	0835321042	Bunu	Ngwafefe
	0735297614	Bunu	Ngwafefe
	0710766636	Bunu	Ngwafefe







Name	Address	Number	Signature
Y. Rexe	L. Loloan 4	073385247	<del>Signature</del>
Maklana	Manduntaha	0734668234	A. Makhlo
3. Lolona	Manduntaha	0735912461	<del>Signature</del>
Maklana	Manduntaha	0735911883	A. Nisabekala
Maklana	Manduntaha	0737296901	<del>Signature</del>
Maklana	Manduntaha	0735208039	B. Ziyadi
Maklana	Manduntaha	0736480094	M. Mingeri
Maklana	Manduntaha	0731791154	N. Nadebi
Maklana	Manduntaha	0714061433	N. Nadebi
Maklana	Manduntaha	073272293	<del>Signature</del>
Maklana	Manduntaha	0732093945	<del>Signature</del>
Maklana	Manduntaha	N/A	<del>Signature</del>
Maklana	Manduntaha	0733251580	<del>Signature</del>
Maklana	Manduntaha	0736775905	<del>Signature</del>
Maklana	Manduntaha	N/A	<del>Signature</del>
Maklana	Manduntaha	0782965392	<del>Signature</del>





# Community Meeting – Attendance List

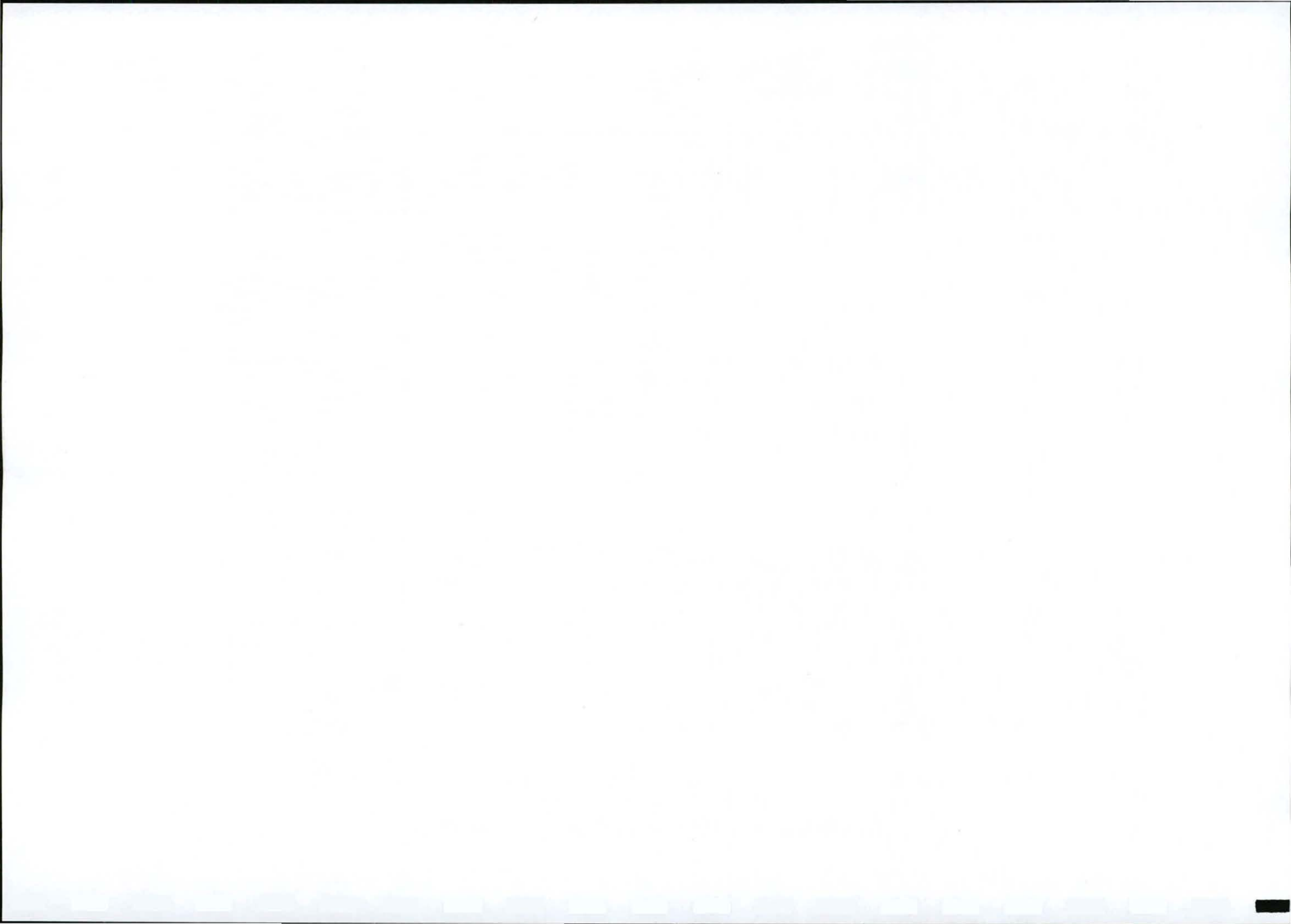
Viedgiesville Community Hall

Rehabilitation of the National Road 2 between Sitebe Komkhulu and Viedgesville

April 29, 2010

11/10

Name	E-mail	Postal address	Telephone Number	Fax Number	Signature
M/W KEBANE	-	MABELENI	07230260 -43	-	[Signature]
Dr Madyibi-CCO	-	MABELENI	0836500176	-	[Signature]
Casim P.	-	MABELENI	0790491434 079049	-	[Signature]
M. Sotyabase	-	Mabhelani A/P	0732435200	-	[Signature]
L. Madyibi	-	Mabhelani A/P	0786184387	-	[Signature]
A.N. Mathafeni	-	Mabhelani	0721404729	-	[Signature]
LATHEKILE BAWANA	-	Mabhelani			
JABU MBEKELA		Mabhelani			
Mxolisi Ngquva	-	Mabhelani Ngquva	-	-	[Signature]
LUVU NGQUVA		Mabhelani	0717376149	-	[Signature]
Kolizane Mnyokazi		Mabhelani	-	-	[Signature]
NPNTOZINI		Ngqwala headman	-	-	[Signature]
E.S. Bese		Ngqwala A/P	0760425626		[Signature]
M MWAH	mwaahm@NRA.co.za	SANKAL	083 2836131	041 3983222	[Signature]





Biotechnology & Environmental Specialist Consultancy cc

PO Box 8241, Nahoon, 5210, East London South Africa  
9 Douglas Road, Vincent, 5247, East London, South Africa  
Telephone: 043 726 4242 Facsimile: 043 726 3199  
E-mail: info@besc.co.za http://www.besc.co.za

**ENVIRONMENTAL IMPACT ASSESSMENT  
INTERESTED & AFFECTED PARTY FORM**  
Return Facsimile: 043 726 3199

**Project:** The Rehabilitation of National Route 2 Section 18 Between Sitebe Komkhulu and Viedgesville.

**Contact Details**

Name:	Nokwanile E Balizulu	
Village:	Quny A/A	
Postal address:	Box 56801	
Postal code:	5105	Cell: 0833850392
Telephone:	0833850392	Fax:
E-mail:		

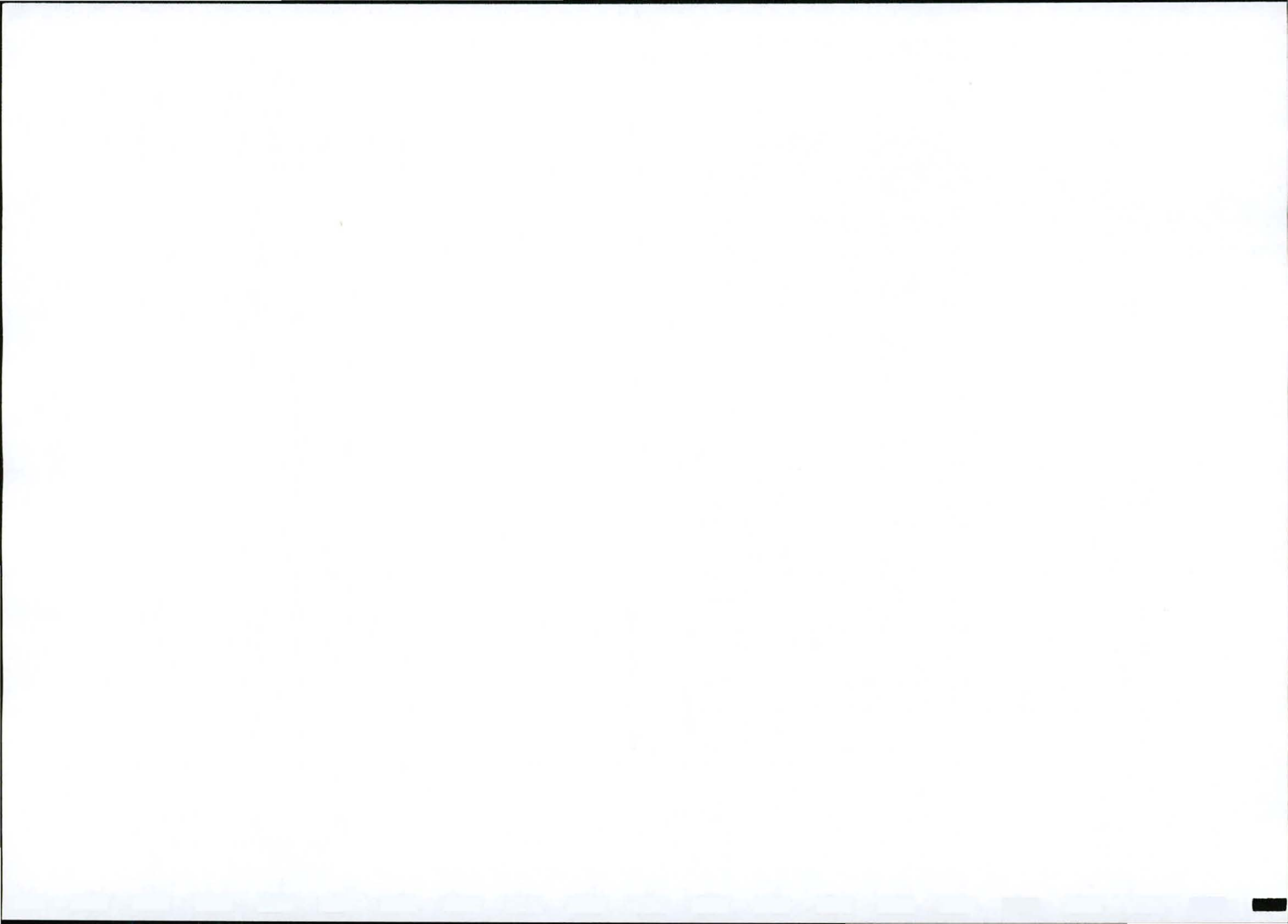
**Comments/Concerns:**

[Empty box for comments/concerns]

I hereby give my consent for the above mentioned project.

Signature:

Date: 28-04-2010





Biotechnology & Environmental Specialist Consultancy cc

PO Box 8241, Nelson, 5210, East London, South Africa  
9 Douglas Road, Vincent, 5247, East London, South Africa  
Telephone: 043 726 4242 Facsimile: 043 726 3199  
E-mail: info@besc.co.za http://www.besc.co.za

ENVIRONMENTAL IMPACT ASSESSMENT  
INTERESTED & AFFECTED PARTY FORM  
Return Facsimile: 043 726 3199

**Project:** The Rehabilitation of National Route 2 Section 18 Between Sitebe Komkhulu and Viedgesville.

**Contact Details**

Name:

Village:

Postal address:

Postal code:

Telephone:

E-mail:

Madqobi	Cell:
Ma Bhelele	Fax:
Ma Bhelele Soc. Xhosi D 711	
Box 44	
0834300176	
ml	

**Comments/Concerns:**

I as the Committee of Ward 32  
this ward agree with  
we have done at this moment  
of time and the gravel that  
is going wrong, we will talk  
to our community about that  
all is well  
Dr. Madqobe CDK

I hereby give my consent for the above mentioned project.

Signature: ML

Date: 29-04-2010

