

**mineral resources**  
Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

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**Directorate Minerals Regulations: Limpopo Region**

Enquiries: D.Tshamiswe  
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Reference nr: LP30/5/1/3/2/1/1868 EM

**REGISTERED LETTER**

**The Director  
South African National Roads Agency Limited  
Private Bag X 17  
Lynwood Ridge  
0040**

For attention: Mogole Mphahlele

**APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR A MINING PERMIT IN TERMS OF SECTION 39 (4) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) IN ON REMAINDER OF THE FARM GILLENBERG 861 LR, SITUATED IN THE MAGISTERIAL DISTRICT OF MOKOPANE: LIMPOPO REGION.**

The above mentioned Environmental Management Plan, that has been signed by the Regional Manager Limpopo Province, is hereby approved in terms of Section 39 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), and is applicable to the prospecting area as depicted, subject to the following conditions:

1. The approval does not purport to absolve **South African National Roads Agency Limited** from its common law obligations towards the holder of the surface rights.

2. This approval may be amended or withdrawn at any stage for non compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations whatsoever;

3. The environmental management shall conform to the Environmental Management Plan as approved.

4. Mining activities shall conform to all relevant legislations, especially the National Water Act, 1998, as well as the Mine Health and Safety Act, 1996 and such other conditions as may be imposed by the Regional Manager; or any other officer of this office, duly authorized thereto;

5. Rehabilitation of the disturbed surface caused by prospecting activities shall comply with the provisions of this plan;

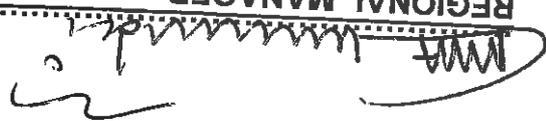
6. A performance assessment, monitoring, and evaluation report must be submitted annually to this office or as determined by the Regional Manager, or at any other time that an officer of this office, duly authorized thereto requests;

7. Any alteration or deviation from the plan shall be submitted to the Regional manager for his approval;

8. A copy of the environmental management plan must always be available on the site for inspection by duly authorized officers.

9. The attached comments from the sub directorate: Mine Health and Safety and Department of Economic Development, Environment and Tourism form part of this approval and should be adhered to.

Yours faithfully,



REGIONAL MANAGER  
LIMPOPO PROVINCE-POLOKWANE

DATE: 07/07/2012

E L LETSOKO  
SENIOR INSPECTOR OF MINES  
LIMPOPO REGION

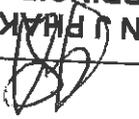


Herewith is a report with which I agree. Forwarded for your further attention.  
The applicant must be informed of the comments made in the attached report.

COMMENTS ON THE APPLICATION FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR A MINING PERMIT FOR BORROW PITS ON THE FARM GILLEMBERG 861 LR FOR BRIDGE UPGRADING, DISTRICT MOKOPANE, LIMPOPO REGION: SOUTH AFRICAN NATIONAL ROADS AGENCY LTD

THE PRINCIPAL INSPECTOR  
LIMPOPO REGION

N J PHAKATHI  
PRINCIPAL INSPECTOR  
LIMPOPO REGION



Herewith is a report with which I agree  
The applicant must be informed of the attached report

COMMENTS ON THE APPLICATION FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR A MINING PERMIT FOR BORROW PITS ON THE FARM GILLEMBERG 861 LR FOR BRIDGE UPGRADING, DISTRICT MOKOPANE, LIMPOPO REGION: SOUTH AFRICAN NATIONAL ROADS AGENCY LTD

THE REGIONAL MANAGER  
MINERAL REGULATION  
LIMPOPO REGION

LP30/5/1/3/7/1/1868 MHS  
120/12

THE SENIOR INSPECTOR  
LIMPOPO REGION

**COMMENTS ON THE APPLICATION FOR THE APPROVAL OF AN ENVIRONMENTAL  
MANAGEMENT PLAN FOR A MINING PERMIT FOR BORROW PITS ON THE FARM  
GILLEMBERG 861 LR FOR BRIDGE UPGRADING, DISTRICT MOKOPANE, LIMPOPO  
REGION: SOUTH AFRICAN NATIONAL ROADS AGENCY LTD**

The application has been scrutinized. The following information has been supplied in the attached environmental management plan:

Type of mineral(s) to be mined	Gravel
Mining method	Excavation / Opencast
Equipment to be used	Excavator, FEL and Haul trucks, AC Batch plant, concrete batch plant and water bowser.
Communities/residential area in close proximity	Livestock free open grazing
Sketch plan attached	Yes with coordinates
Water source	Will be brought to site.
Abution facility	Chemical toilets and other at camp site.
Mining period	> 24 months
Instructions/ comments	<p>1. All undesired material and waste must be removed from site to a designated waste fill area.</p> <p>2. The excavation must be designed such that it will drain water away. Should any water accumulate in the excavation, provision must be made to ensure that no unauthorized persons have access to the water and means of protection must be provided to ensure the safety of persons.</p> <p>3. The releasing of dust into the atmosphere must be limited as far as reasonably practicable.</p> <p>4. The following requirements of the Mine Health and Safety Act (Act 29 of 1996) must be strictly complied with:</p> <p><b>4.1 Mine Health and Safety Act (Act 29 of 1996)</b></p> <p>Sect3 (1) (a) Manager must be appointed.</p> <p>Sect.11 Hazard identification Risk assessments must be conducted.</p> <p>Sect. 2 Occupational hygienist must be appointed.</p> <p>Sect. 13 Medical surveillance must be conducted.</p> <p>Sect.6 Health and Safety equipment must be provided.</p> <p>Sect. 9 Codes of practice must be compiled.</p> <p>Sect. 10 Health safety training must be provided to employees.</p> <p>Sect. 25 Health and safety representatives must be appointed if more than 20 employees.</p>

16/05/12  
 S. BOTHA  
 INSPECTOR OF MINES  
 LIMPOPO REGION

If mining will be conducted in a safe and orderly manner and instructions/comments made are adhered to, then I have no objection to the approval of this application.

<p><b>Reg.17 (7)</b> Application to conduct mining operations within 100m from any buildings, roads, railways or any structures that must be protected must be requested from P1, Limpopo Region.</p> <p><b>Chapter.9</b> Regulations on mine environmental engineering and occupational hygiene must be adhered to.</p> <p><b>Chapter.14</b> Protection of the surface and the working must be adhered to.</p> <p><b>4.2. Regulations in force in terms of schedule 4 of the mine health and safety act ( act 29 of 1996)</b></p> <p><b>Reg. 2.5.4.</b> Permission for a manager to be responsible for two or more mines (if applicable) must be requested from P1, Limpopo Region.</p> <p><b>Reg. 2.5.5.</b> Permission for the owner to manage the mine (if applicable) must be requested from the P1 Limpopo Region.</p> <p><b>Reg. 2.13.1.</b> Appointment for engineer or 2.13.2. Competent person to be in charge of machinery, mobile machines, and electricity.</p> <p><b>Reg. 4.17.1.</b> Hearing and conservation programs.</p> <p><b>Reg. 5.8.1, 5.8.2, 7.7.1</b> Use of lifelines and heights.</p> <p><b>Reg. 5.8.3</b> Wearing of hardhats where there is a danger from falling objects.</p> <p><b>Reg. 6.3.2.11, 24.1.1</b> First aid equipment must be provided.</p> <p><b>Reg.7.9.1</b> No undercutting of face will be permitted.</p> <p><b>Reg. 7.9.2</b> Clearing of edge of open face working.</p> <p><b>Chapter 14</b> Statistical returns must be submitted as per regulation.</p> <p><b>Reg. 20.3.1</b> Fencing of dangerous places.</p> <p><b>Reg. 20.5</b> Guarding of exposed machinery.</p> <p>5. The requirements of this report must be conveyed to the applicant.</p> <p>6. Chapter 23 of MHS&amp;A, Act 29 of 1996: All accidents or fatal accidents must immediately be reported to the Principal Inspector, Limpopo Region, Fax No.015 287 4740</p>	
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21.03.12

*[Handwritten signature]*

**SUBMITTED  
IN TERMS OF SECTION 39 AND OF REGULATION  
52 OF THE MINERAL AND PETROLEUM  
RESOURCES DEVELOPMENT ACT, 2002,  
(ACT NO. 28 OF 2002) (the Act)**

**ENVIRONMENTAL MANAGEMENT  
PLAN FOR SMALL-SCALE MINING  
APPLICABLE TO MINING PERMITS WHERE  
LESS THAN 2000 m<sup>3</sup> PER QUARTER WILL BE  
EXCAVATED USING MANUAL LABOUR  
TECHNIQUES AND  
NOT TO BE USED FOR GOLD OR COAL MINING**

REFERENCE NUMBER:

NAME OF APPLICANT: THE SOUTH AFRICAN NATIONAL ROADS AGENCY LTD  
(SANRAL)

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Mineral resources

