



DIGBY WELLS
ENVIRONMENTAL

Appendix C: Announcement Material



DIGBY WELLS ENVIRONMENTAL

LANXESS CHROME MINING (PTY) LTD

SECTION 102 EMP AMENDMENT FOR PROPOSED OPEN PIT AND UNDERGROUND MINING OPERATIONS FOR LANXESS AT RUSTENBURG, NORTH WEST PROVINCE

REGISTRATION AND COMMENT FORM

March 2015

Please provide comments by sending this Registration and Comment Form or other written correspondence to the contact details provided below:

Nestus Bredenhann or Qondile Monareng of Digby Wells Environmental: Fax: 0865835715 or email: nestus.brednhann@digbywells.com, qondile.monareng@digbywells.com, or visit www.digbywells.com Postal Address: Private Bag X10046, Randburg, 2125

Registration form table with 3 columns: Question, Yes, No. Questions include: 'Please formally register me as an Interested and Affected Party (I&AP)', 'I would like a copy of the Scoping Report on CD', and 'I would like to receive my notifications by'.

Please fill in your contact details below for the project database

Contact details form with fields: Title, Full Name; Designation; Cellphone; Fax; Email; Postal Address; Tel.

Please indicate to which you are associated with by providing a name next to the applicable category

Association categories form with rows: Non-Government Organisation, Business, Community, Government Department, Municipality.

If you are a landowner or land occupier, please indicate which farm(s) and portion(s) you reside on

Land ownership form with rows: Landowner, Land occupier.

Environmental Impact Assessment Regulations of 2014, promulgated in terms of the National Environmental Management Act, as amended, Section 44 (1) requires that we gather comments from Interested and Affected Parties. The questions below needs to be completed by Interested and Affected Parties. Should you not complete these questions below it will be accepted that you have no comment associated with the aforesaid legislative requirements

Impact assessment questions form with rows: 'How do you think the project might impact (affect) you?', 'How do you think the project might impact (affect) your socio-economic conditions?', 'How can these impacts be managed, avoided and / or fixed?'.

What is the land being used for?

Where are these land uses taking place?

Are there any environmental features which we need to be aware of? (e.g. water, heritage sites, rare plants or animals)

Where are these found?

Do you think the project could impact (affect) infrastructure you might have? (e.g. houses, buildings, roads)

If so how can these impacts (affects) be managed, avoided or fixed?

General Comments

If there are any other stakeholders we should include in the stakeholder database for the proposed project, please provide their contact details.

Title, Full Name		Title, Full Name	
Organisation		Organisation	
Cellphone		Cellphone	
Email		Email	

Signature

Date



LANXESS CHROME MINING (PTY) LTD SECTION 102 EMP AMENDMENT FOR PROPOSED OPEN PIT AND UNDERGROUND MINING OPERATIONS FOR LANXESS AT RUSTENBURG, NORTH WEST PROVINCE

Lanxess Chrome Mining (Pty) Ltd (Lanxess) is currently amending their existing Mine Works Programme (MWP) for submission to the Department of Mineral Resources. This is to provide the authorities with the latest information for their current operations, as well as proposed mining activities and updated life of mine plan. This update includes the proposed opencast pit operation within the mining right area as well as the extension of the underground operations as part of a transfer of rights with neighbouring mines. The implication of such a submission is the amendment to Lanxess' existing approved Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) in the form of a Section 102 EMP Amendment.

The EMP amendment will be undertaken in accordance with the Mineral and Petroleum Resources Development Act, Act No. 28 of 2002 (MPRDA) and the Environmental Impact Assessment Regulations, 2014, promulgated in terms of Sections 24(5) and 44 of the National Environmental Management Act, 1998 (GN R982 of 4 December 2014). An amendment to the existing Integrated Water Use License Application (IWULA) will also be required to be submitted to the Department of Water and Sanitation (DWS).

Project Background and Description

The proposed open pit mining operation will be located on the farm Rietfontein 338 JQ and the proposed underground mining operations on portions of the farms Kroondal 304 JQ, Klipfontein 300 JQ and Brakspruit 299 JQ. Glencore Operations South Africa (Pty) (Ltd) (formerly known as Xstrata) currently holds the mining rights for some of these areas which are currently in the legal process of being transferred to Lanxess.

Proposed future mining activities will include the opening of a pit within the existing Lanxess mining right area as well as the expansion into the neighbouring Glencore underground areas. Additional infrastructure required for the opencast mining will be located on the property alongside the pit, which is currently owned by the mine. This infrastructure includes the following: a waste rock dump, stockpile, small workshop, office block and parking area.

1. The registered description of the land for the amended application is Kroondal 304 JQ Portions 95, 96, 97, 98; Klipfontein 300 JQ Portions RE of 2; Rietfontein 338 JQ Portions RE of 1, 1, 10, 11, 14, 32, 34; Portion of mineral area No. 2; in the Wonderkop area Portion 1 of Spruitfontein 341 JQ, Portions 17, 18, 19, RE of 12 and RE of Brakspruit 299 JQ. The total size is approximately 1169 ha of land.

Lanxess Chrome Mining have appointed Digby Wells Environmental (Digby Wells) as the independent environmental consultants to undertake the Section 102 Amendment and associated specialist studies in terms of the MPRDA. The Department of Mineral Resources is the competent authority for the environmental regulatory process.

How to comment

You are encouraged to comment on the proposed project and Section 102 EMP Amendment Report, which will be available on the Digby Wells website and at Public Libraries, by addressing your comments to the Digby Wells Stakeholder Engagement Office.

Venue	Address	Contact Person	Contact Number
Rustenburg Local Municipality Public Library	Cnr of Thabo Mbeki and Heystek Street, Rustenburg	Tshepo Suze	(014) 590 3294
Bonajala District Municipality Public Library	Cnr Dewet Jan Smuts and Kgetleng River Street, Rustenburg	Abel Khauoe	(014) 543 2004
Marikana Community Library	17 Rooikopies Marikana, next to Marikana Clinic	Refilwe Mthabane	(014) 590 3272

The reports will also be available on the following website: www.digbywells.com under Public Documents
Phone and request a CD copy at (011) 789 9495

Digby Wells Environmental

Qondile Monareng or Nestus Bredenhann

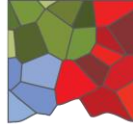
Tel: (011) 789 9495 Fax: 086 583 5715

Email: gondile.monareng@digbywells.com or nestus.bredenhann@digbywells.com

Postal address: Private Bag X10046, Randburg, 2125

www.digbywells.com (under Public Documents)

Project Number: LAN3111



DIGBY WELLS

ENVIRONMENTAL

Project No: LAN3111

06 March 2015

LANXESS CHROME MINING (PTY) LTD

SECTION 102 EMP AMENDMENT FOR PROPOSED OPEN PIT AND UNDERGROUND MINING OPERATIONS FOR LANXESS AT RUSTENBURG, NORTH WEST PROVINCE

Dear Stakeholder,

Lanxess Chrome Mining (Pty) Ltd (Lanxess) is currently amending their existing Mine Works Programme (MWP) for submission to the Department of Mineral Resources. This is to provide the authorities with the latest information for their current operations, as well as proposed mining activities and updated life of mine plan. This update includes the proposed opencast pit operation within the mining right area as well as the extension of the underground operations as part of a transfer of rights with neighbouring mines. The implication of such a submission is the amendment to Lanxess' existing approved Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) in the form of a Section 102 EMP Amendment.

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Project Background and Description

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Glencore Operations South Africa (Pty) (Ltd) (formerly known as Xstrata) currently holds the mining rights for some of these neighbouring areas which are currently in the legal process of being transferred to Lanxess.

Proposed future mining activities will include the opening of a pit within the existing Lanxess mining right area as well as the expansion into the neighbouring Glencore underground areas. Additional infrastructure required for the opencast mining, will be located on the property alongside the pit which is currently owned by the mine. This infrastructure includes the following: a waste rock dump, stockpile, small workshop, office block and parking area.

Environmental Regulatory Process

Digby Wells Environmental (Digby Wells) was appointed by Lanxess as the independent environmental consultants to undertake the Section 102 Amendment and associated specialist studies for the proposed project. The application has been submitted to the Department of Mineral Resources (DMR), who is the competent authority for the application.

Digby Wells and Associates (South Africa) (Pty) Ltd (Subsidiary of Digby Wells & Associates (Pty) Ltd). Co. Reg. No. 2010/008577/07. Fern Isle, Section 10, 359 Pretoria Ave Randburg Private Bag X10046, Randburg, 2125, South Africa
Tel: +27 11 789 9495, Fax: +27 11 789 9498, info@digbywells.com, www.digbywells.com

Directors: A Sing*, AR Wilke, DJ Otto, GB Beringer, LF Koeslag, AJ Reynolds (Chairman) (British)*, J Leaver*, GE Trusler (C.E.O)
*Non-Executive

A Public Participation Process (PPP) has been initiated as a requirement for this project with the purpose of sharing project information and gathering comments from stakeholders. Stakeholders are hereby invited to register as Interested and Affected Parties (I&APs) and to submit comments about the proposed project.

Important upcoming milestones in the EMP amendment:

- **Project announcement:** This Background Information Document (BID), with Registration and Comment Sheet, site notices and media advertisement had been provided for more information about the project.
- **Comment on the EMP Amendment Report:** The Amendment Report will be available for public comment during June/July 2015 during which a Public Meeting will be held.
- **Submission to Authorities:** The finalised EMP Amendment Report, which will include all stakeholder comments and updated PPP activities, will be submitted to the Department of Mineral Resources (DMR) during July/August 2015.

How to comment on the BID

You are invited to comment on the BIL or EMP Amendment Report by addressing your comments, concerns or suggestions to Digby Wells through any one of the communication media below:

- Completing the Registration and Comment Sheet and submitting it to the Stakeholder Engagement Office;
- A letter or other form of written submission; or
- By email, fax or telephone correspondence to the Stakeholder Engagement Office.

Should you wish to be registered as an I&AP, obtain additional information or comment on the proposed development, please contact Qondile Monareng at Tel: (011) 789 9495, Fax: 086 583 5715, Post: Private Bag X10046, Randburg, 2125 or email: gondile.monareng@digbywells.com.

Regards,

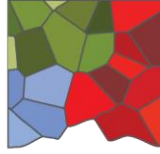


Qondile Monareng

Stakeholder Engagement Office

Enclosed

- *Background Information Document*
- *Registration and Comment Sheet*



DIGBY WELLS

ENVIRONMENTAL

BACKGROUND INFORMATION DOCUMENT

SECTION 102 EMP AMENDMENT FOR PROPOSED OPEN PIT AND UNDERGROUND MINING OPERATIONS FOR LANXESS AT RUSTENBURG, NORTH WEST PROVINCE

February 2015

Project Number:

LAN3111

Prepared for:

Lanxess Chrome Mining (Pty) Ltd

For any project related information, please contact:

Digby Wells Environmental – Stakeholder Engagement Office

Qondile Monareng or Nestus Bredenhann

Tel: (011) 789 9495 or Fax: 086 583 5715

Email: qondile.monareng@digbywells.com or

nustus.bredenhann@digbywells.com

Website: www.digbywells.com (Public Documents)

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Directors: AR Wilke, DJ Otto, GB Beringer, LF Koeslag, AJ Reynolds (Chairman) (British)*, J Leaver*, GE Trusler (C.E.O)
*Non-Executive

1 PURPOSE OF THE DOCUMENT

Lanxess Chrome Mining (Pty) Ltd (Lanxess) intends to amend the existing Mine Works Programme (MWP) and its existing approved Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) to incorporate additional infrastructure and mining areas.

. This Background Information Document (BID) has been developed to:

- Provide a description of the proposed project;
- Provide an overview of the environmental regulatory processes which will be undertaken in accordance with South African legislation; and
- Provide details of the Public Participation Process (PPP) and how stakeholders can become involved.

2 PROJECT DESCRIPTION

2.1 Background

Lanxess Chrome Mining (Pty) Ltd (Lanxess) is currently amending their existing Mine Works Programme (MWP) for submission to the Department of Mineral Resources. This is to provide the authorities with the latest information for their current operations, as well as proposed mining activities and updated life of mine plan. This update includes the proposed opencast pit operation within the mining right area as well as the extension of the underground operations as part of a transfer of rights with neighbouring mines. The implication of such a submission is the amendment to Lanxess' existing approved Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) in the form of a Section 102 EMP Amendment.

The EMP amendment will be undertaken in accordance with the Mineral and Petroleum Resources Development Act, Act No. 28 of 2002 (MPRDA) and the Environmental Impact Assessment Regulations, 2014, promulgated in terms of Sections 24(5) and 44 of the National Environmental Management Act, 1998 (GN R982 of 4 December 2014). An amendment to the existing Integrated Water Use License Application (IWULA) will also be required to be submitted to the Department of Water and Sanitation (DWS).

Proposed future mining activities will include the opening of a pit within the existing Lanxess mining right area as well as the expansion into the neighbouring underground areas. Glencore Operations South Africa (Pty) (Ltd) (formerly known as Xstrata) currently holds the mining rights for some of these neighbouring areas which are currently in the legal process of being transferred to Lanxess. Additional infrastructure required for the pit includes the following which will be located on property owned by the mine include a waste rock dump, stockpile, small workshop, office block and parking area will be built in the area of the opencast pit.

Digby Wells Environmental (Digby Wels) has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake the amendment in accordance with the Mineral and Petroleum Resources Development Act, Act No. 28 of 2002 (MPRDA) and the Environmental Impact Assessment Regulations, 2014, promulgated in terms of Sections 24(5) and 44 of the National Environmental Management Act, 1998 (GN R982 of 4 December 2014). An amendment to the existing Integrated Water Use License Application (IWULA) submitted to the Department of Water and Sanitation (DWS) will also be required.

2.2 Project Location

Lanxess Chrome Mine is located 7 km east of Kroondal and 11 km south-east of Rustenburg and falls within the Rustenburg Local Municipality of the North West Province. The current mining rights of Lanxess cover various portions of the farms Kroondal 304 JQ, Rietfontein 338 JQ and Klipfontein 300 JQ. The extent of this area is 952.5 ha. The mine is part of a mineral deposit known as the Bushveld Igneous Complex which holds the majority of South Africa's chrome ore deposits. The process will involve the authorisation of the proposed open pit mining operation on the farm Rietfontein 338 JQ (owned by the mine) and the proposed underground mining operations on portions of the farms Kroondal 304 JQ, Klipfontein 300 JQ and Brakspruit 299 JQ. Glencore Operations South Africa (Pty)(Ltd) (formerly known as Xstrata) currently holds the mining rights for some of these areas which are currently in the legal process of being transferred to Lanxess. (see Plan 1).

2.3 Project Activities

2.3.1 Mining Activities

Currently the only mining that is taking place is done underground with the ore broken underground and brought to the surface on conveyor belts.

Access to the shallow resource will be by an opencast pit with a vertical depth between 50m and 70m which will start on the eastern side of the proposed pit area and progress towards the west. Waste rock and topsoil will be stockpiled separately to the south of the opencast area. As the opencast mining progresses, the voids created will be backfilled with overburden from the progressive opencast mining, and then overlain by the various soil horizons and rehabilitated. Ore production rate is estimated to be 40 000 tons per month with a LOM of 5 years for the opencast pit.

The underground mining method used will be the standard bord and pillar system. Access to the underground chrome reserves is gained by means of surface declines and Run of Mine clearance is facilitated by a series of conveyor belts fed by underground Load Haul Dump loaders. It is calculated that the production rate will be up to 80 000 tons per month with a total Life of Mine of 14 years.

Lanxess has applied in terms of Section 102 to obtain the rights to the PGM's in the orebody they are mining. Lanxess Chrome Mine intends to re-mine all the tailings facilities to extract the chrome left in the tailings. The volume of the dump has been surveyed and shows a contained volume of 1,735m³.

2.3.2 Surface Infrastructure

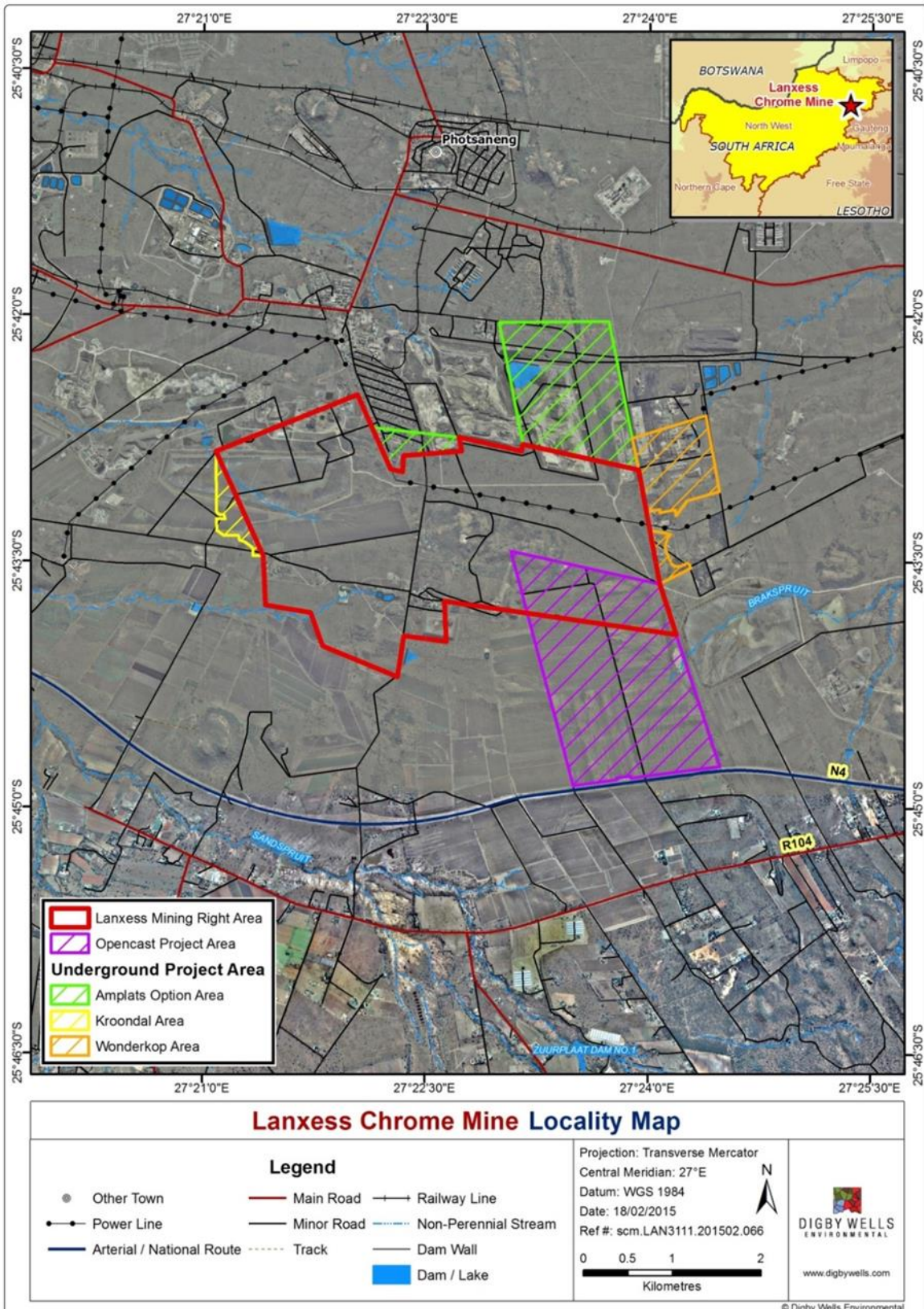
Lanxess is a well-established mine with existing infrastructure which has been operational since 1958. As a result minimal additional infrastructure will be required for the expansion of the activities as the plant has capacity for 100 000 tpm.

The following associated surface infrastructure will be constructed in support of the additional mining activities proposed for the site.

- Haul Roads and Service Road – Approximately 3km of haul roads to accommodate two lanes of traffic. A service road will be constructed to provide access to opencast pit from the southern boundary of the site. These roads will be gravel or tarred.
- Dump – An additional waste rock dump will be required alongside the opencast pit for overburden removed during mining.

-
- Stockpile – An additional topsoil stockpile will be located between the waste rock dump and the N4 highway. This will be screened off by trees.
 - A small workshop, office block and parking area will be built in the area of the opencast pit

No additional infrastructure is required for the underground areas.



Plan 1: Proposed Project Location

3 ENVIRONMENTAL AUTHORISATIONS

The following environmental authorisation applications will be made for the proposed project:

- Mineral and Petroleum Resources Development Act, Act No. 28 of 2002 (MPRDA) and the Environmental Impact Assessment Regulations, 2014, promulgated in terms of Sections 24(5) and 44 of the National Environmental Management Act, 1998 (GN R982 of 4 December 2014). The Department of Mineral Resources (DMR) is the competent authority; and
- Integrated Water Use Licence (IWUL) is required in terms of the National Water Act, 1998 (Act 36 of 1998), as amended (NWA). The Department of Water and Sanitation (DWS) is the competent authority.

3.1 Specialist Studies

To support the EIA process, various specialist studies will be undertaken to determine potential impacts the project might have, these studies include:

- Soils and Land Use Capability
- Air Quality and Noise
- Social Economic
- Closure and Rehabilitation
- Heritage
- Visual
- Hydrology and Hydrogeology
- Fauna and Flora

3.2 Public Participation Process

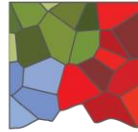
- **Project announcement:** This Background Information Document (BID), with Registration and Comment Sheet, site notices and media advertisement had been provided for more information about the project.
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- Completing the Registration and Comment Sheet and submitting it to the Stakeholder Engagement Office;
- A letter or other form of written submission; or
- By email, fax or telephone correspondence to the Stakeholder Engagement Office.

Further information regarding the project can be found on the Digby Wells website (www.digbywells.com).

Registered I&APs will be informed about availability of reports and scheduled stakeholder meetings via their preferred means of communication (SMS, email, post or fax). Comments raised by stakeholders will assist in informed decision-making for authorities and provides information to be considered by the project team and specialists conducting the specialist studies. Please complete the attached Registration and Comment Form to submit your comments and to register as an I&AP.



DIGBY WELLS ENVIRONMENTAL

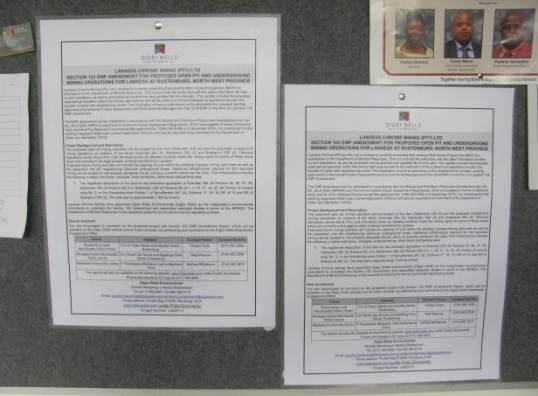
LANXESS CHROME MINING (PTY) LTD

SECTION 102 EMP AMENDMENT FOR PROPOSED OPEN PIT AND UNDERGROUND MINING OPERATIONS PERATIONS FOR LANXESS AT RUSTENBURG, NORTH WEST PROVINCE

SITE NOTICES

SITE NOTICES PLACED AT THE FOLLOWING VENUES/PUBLIC PLACES:

Where site notice was placed (Organisation and/or address)	Coordinates	Date	Photo
<p>Rustenburg Local Municipality Public Library Cnr of Thabo Mbeki and Heystek Street, Rustenburg</p> <p>10 x Background Information Documents.</p> <p>10 x Registration & Comment Sheet</p> <p>1x Site Notice</p>	<p>001 (Map)</p> <p>-25.67009400 " S 27.23742000 " E</p>	<p>Wednesday, 11 March 2015</p>	

Where site notice was placed (Organisation and/or address)	Coordinates	Date	Photo
<p>Bonajala District Municipality Public Library Cnr Dewet Jan Smuts and Kgetleng River Street, Rustenburg</p> <p>10 x Background Information Documents.</p> <p>10 x Registration & Comment Sheet</p> <p>1x Site Notice</p>	<p>002 (Map)</p> <p>25.66016 "S 027. 2316 " E</p>	<p>Wednesday, 11 March 2015</p>	
<p>Marikana Community Library 17 Rooikopies Marikana, next to Marikana Clinic</p> <p>10 x Background Information Documents.</p> <p>10 x Registration & Comment Sheet</p> <p>1x Site Notice</p>	<p>003 (Map)</p> <p>-25.69844600 " S 27.47969800 " E</p>	<p>Wednesday, 11 March 2015</p>	
<p>LANXESS</p> <p>1x Site Notice</p> <p>Entrance of Lanxess mining area</p>	<p>004 (Map)</p> <p>-25.72200800 " S 27.37446800 " E</p>	<p>Wednesday, 11 March 2015</p>	